

## APPENDIX. CHEMICAL COMPOSITION OF DEEP SEA SEDIMENTS — SITES 9 THROUGH 425, LEGS 2 THROUGH 54, DEEP SEA DRILLING PROJECT

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### INTRODUCTION

In 1971, I began a limited program of analysis of "typical" deep-sea sediments, which was expanded under a grant from the National Science Foundation from 1974 through 1978. In total, about 3000 samples were analyzed; all of the results are reported here. Several analyses have already appeared or will appear in Initial Reports volumes (Volume 15, Donnelly and Nalli, 1973; Volume 33, Donnelly and Wallace, 1976a; Volume 35, Donnelly and Wallace, 1976b; Volumes 51 through 53, Donnelly, in press; and Donnelly, this volume). These earlier results have been modified slightly: the Leg 15 samples have been corrected in a more precise manner for sea-salt contributions, and the Leg 35 results for manganese have been changed slightly to reflect a further evaluation of our manganese standard.

Samples analyzed are representative. In a number of sites, iron- and manganese-enriched specimens have been selected. A series of volcanic ash beds have been included; these are grouped by petrographic characteristics instead of site number. A relatively small number of sandy beds have been analyzed, and these have been identified as such. At a few sites, highly calcareous sediments were analyzed. In our experience, this type of analysis yields information of only marginal significance for samples with calcium carbonate values higher than 95 per cent unless special steps are taken, as was the case with Site 167.

The tables include conventional sample designation (except that the top of the interval is given rather than the entire interval in centimeters), depth to the nearest meter, oxide weight percentages for dried but unwashed samples, and amount of water-soluble chloride. Sodium, potassium, calcium, and magnesium have been corrected for pore-water values of element/chloride ratios where available, and for sea-water values in a few cases where pore-water analyses were not available. In many cases, especially for Phase III Indian Ocean sites, we performed our own pore-water analyses in order to determine the basis for this correction.

The sample names used here are taken for the most part directly from the Initial Reports without modification. The reader will note that the analysis in many cases implies a name different from that reported by the shipboard sedimentologists, especially in the case of those "siliceous oozes" or "diatom oozes" which have a sufficiently high aluminum content to place them in the category of siliceous clays. This discrepancy in nomenclature underlines the problem of selecting a name for a deep-sea sediment in the absence of chemical information.

### ANALYTICAL TECHNIQUE

The analytical technique is that known in the United States as the "rapid method" of Shapiro and Brannock (1962, 1967). In our version the sample is fused in a mixture of lithium tetraborate and lithium metaborate (Leonard Shapiro, personal communication), and the bead is dissolved in a weak sulfuric acid solution. Aliquots are analyzed colorimetrically for silicon (Molybdenum Blue), aluminum (calcium Alizarin Red), titanium (Tiron), and phosphorus (Molybdenum Blue with stannous chloride). Our results are apparently similar to those of other laboratories, but we caution anyone using these methods to perform the silicon analysis a relatively short period after the solution of the bead. There is an occasional problem that we interpret as polymerization within the aqueous solution of the sample.

Appropriately diluted aliquots, which have been spiked with lanthanum chloride, are analyzed by absorption flame photometry for calcium, magnesium, sodium, potassium, iron, and manganese. The last two elements can also be analyzed colorimetrically, but we have found no clear advantage in doing so.

All samples are compared to a standard curve made with our own sediment and igneous rock standards. Our sediment standards have been analyzed by the U.S. Geological Survey laboratory with very close agreement. In our procedure, care is taken to dilute samples with the blank solution to bring their elemental responses to the linear portions of the determinative curve.

We do not routinely analyze for  $\text{CO}_2$  nor  $\text{H}_2\text{O}^+$  and the summations are correspondingly low. Iron is reported as total iron expressed as  $\text{Fe}_2\text{O}_3$ . The sea-salt correction is made by extracting water-soluble chloride in simmering distilled water and determining the chloride with a mercurous nitrate titration using a diphenyl-carbazone indicator. We have found that apparently not all the chloride is successfully extracted from a previously dried sample, especially in siliceous oozes. Thus, sodium and magnesium especially are undercorrected and are reported as overly high values. Frank Manheim (personal communication) has found an identical result. Our laboratory is now heavily engaged in the study of piston-core samples, which tend to have far higher values of chloride than most DSDP material. We routinely wash our samples once in distilled water, and then analyze the small amount of chloride remaining in order to make the correction as before. In the present group of analyzed samples, the only washed samples were those of Leg 54, which were received by us in an excessively moist state.

At one site (Site 167) where the calcium carbonate values exceeded 99 per cent, we removed the calcium in EDTA and analyzed the remaining elements. At other sites, we analyzed double aliquots of the original dried sample. For the four sites of Leg 37, which average about 94 per cent calcium carbonate based on our chemical results for 17 samples, we analyzed both single (50-mg) and double (100-mg) aliquots. Table 1 shows that the results differ systematically for this comparative test. The aluminum and iron results are nearly identical, and silicon is very close; the remaining elements show greater discrepancy, with potassium and titanium deviating the most. We regard the analyses of highly calcareous samples in this report as of value principally for aluminum, iron, and silicon, and caution the reader not to place an overly high significance on the other elements. At values of 90 per cent calcium carbonate, the results for all the elements are far more reliable.

To evaluate the accuracy of our technique, on 17 occasions the analyst was given a blind sample of a U.S. Geological Survey standard igneous rock. Table 2 shows the average absolute difference between the accepted values for each oxide and our results.

#### ACKNOWLEDGMENTS

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TABLE 1  
Comparison of Analytical Results for Single (50-mg) and Double (100-mg) Aliquots of 17 Highly Calcareous Samples, Leg 37, DSDP, Expressed as a Ratio

Oxide	50 mg Result 100 mg Result	Average for 100-mg Results
SiO <sub>2</sub>	0.95 ± 0.03	3.46
TiO <sub>2</sub>	0.59 ± 0.26	0.09
Al <sub>2</sub> O <sub>3</sub>	1.00 ± 0.31	0.75
Fe <sub>2</sub> O <sub>3</sub>	0.97 ± 0.13	0.61
MnO	1.21 ± 0.10	0.07
MgO	1.29 ± 0.08	0.34
CaO	Not analyzed in 100-mg aliquot	
Na <sub>2</sub> O	1.38 ± 0.31	0.18
K <sub>2</sub> O	1.46 ± 0.42	0.13
P <sub>2</sub> O <sub>5</sub>	0.80 ± 0.17	0.13

<sup>a</sup>The large discrepancies in Na, K, and Mg reflect the uncertainty in the sea-salt correction in samples with very small amounts of solid-phase Na, K, and Mg present.

TABLE 2  
Average Analytical Differences Between Results of USGS Rock Standards as Blind Unknowns and Accepted Values, Using In-house Standards

Oxide	Average Absolute Difference for 17 Analyses	Average Value of Oxide
SiO <sub>2</sub>	1.02	63.66
TiO <sub>2</sub>	0.04	0.89
Al <sub>2</sub> O <sub>3</sub>	0.19	15.31
Fe <sub>2</sub> O <sub>3</sub> (total)	0.12	6.01
MnO	0.02	0.11
MgO	0.08	1.93
CaO	0.09	3.96
Na <sub>2</sub> O	0.10	3.32
K <sub>2</sub> O	0.09	3.89
P <sub>2</sub> O <sub>5</sub>	0.04	0.21

by the Deep Sea Drilling Project. Joris Gieskes was most helpful in providing pore-water information in advance of their publication, and the DSDP loaned additional pore-water samples for determinations. The analyses were performed mainly by James Wallace, Daniel Li, Max Budd, and Carol Terrana, with some additional analyses by Gino Nalli, Laura Merrill, and T. Donnelly. We appreciate the assistance of F. J. Flanagan of the U.S.G.S. in arranging for the analysis of our in-house sediment standards by the U.S.G.S. Laboratory, which served as an important check for our own results.

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TABLE 3  
Chemical Composition of Deep Sea Sediments, Sites 9 through 425, Deep Sea Drilling Project

SITE 9: LAT 32 DEG 46 MIN N; LONG 59 DEG 12 MIN W; DEPTH 4561 M (ANAL BUDD)

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
9 5 2	136	34.3	55.40	0.75	16.30	6.54	0.15	3.33	1.73	2.02	3.36	0.14	1.68	CALC. RAC. OOZE
9 5 3	43	34.8	43.20	0.59	13.10	5.27	0.26	2.86	13.40	1.54	2.62	0.16	1.54	NANNO MARL
9 5 4	1150	37.1	35.00	0.49	10.60	4.64	0.28	2.44	20.40	1.36	2.12	0.14	1.71	SILICEOUS OOZE
9 5 5	37	37.8	45.50	0.68	14.90	5.90	0.16	2.82	10.30	1.38	3.13	0.14	1.08	CALCAREOUS CLAY
9 7 1	100	195.5	55.60	0.83	18.80	7.64	0.20	2.55	0.73	1.36	3.16	0.17	1.07	CLAY
9 7 4	63	199.6	55.30	0.80	18.70	8.02	0.29	3.01	0.87	1.45	3.70	0.17	0.0	CLAY
9 8 2	82	205.9	54.20	0.80	19.20	7.40	0.08	2.65	0.56	1.42	3.15	0.16	0.92	CLAY
9 8 6	66	211.8	56.40	0.79	19.60	7.64	0.15	2.57	0.67	1.28	3.27	0.16	0.86	CLAY
9 9 2	32	303.3	55.90	0.77	20.30	8.38	0.04	2.73	0.52	1.15	3.00	0.18	0.68	CLAY
9 9 6	91	309.9	53.90	0.75	19.30	8.38	0.25	2.26	0.36	1.05	2.81	0.20	1.20	CLAY
9 10 2	29	312.4	57.30	0.78	20.30	7.10	0.04	2.52	0.51	1.19	2.67	0.14	0.55	CLAY
9 10 6	33	318.4	45.50	0.74	15.60	7.39	1.24	2.60	0.65	1.11	2.57	0.16	0.49	CLAY
9 11 1	137	474.8	43.80	0.70	18.00	6.81	0.19	2.37	0.62	1.17	2.06	0.14	0.92	CLAY
9 12 5	11	483.6	53.60	0.73	20.50	5.51	0.24	2.30	0.61	1.15	2.11	0.14	0.60	CLAY
9A 1 1	42	679.0	53.60	0.62	19.00	6.80	0.98	3.01	0.93	1.64	2.41	0.30	0.32	ZEOLITIC CLAY
9A 1 6	14LT	686.2	70.10	0.40	12.20	4.47	0.17	1.81	0.62	0.58	1.30	0.10	0.94	RADIOLARIAN OOZE
9A 2 1	30	753.5	66.60	0.43	10.00	6.21	2.10	1.86	0.76	1.43	2.07	0.25	0.68	ZEOLITIC CLAY
9A 3 1	87	765.8	60.00	0.58	14.40	10.70	1.05	2.45	0.86	1.14	2.21	0.30	0.63	ZEOLITIC CLAY
9A 3 4	83	770.2	60.80	0.47	10.10	6.87	0.65	1.74	0.77	1.32	1.79	0.30	0.72	ZEOLITIC CLAY
9A 4 1	86	823.7	67.20	0.50	11.90	8.08	0.08	1.77	0.71	1.43	2.13	0.16	0.41	ZEOLITIC CLAY
9A 5 1	104	826.9	65.80	0.44	11.40	12.20	0.47	1.78	0.70	0.78	1.56	0.32	0.46	ZEOLITIC CLAY
9A 5 2	35	827.8	72.60	0.40	10.50	7.61	0.06	1.25	0.45	0.86	1.91	0.26	0.64	ZEOLITIC CLAY

SITE 10: LAT 32 DEG 52 MIN N; LONG 52 DEG 13 MIN W; DEPTH 4612 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
10 1 1	114	31.0	19.00	0.28	6.75	3.05	0.36	1.03	36.80	0.69	1.03	0.14	1.07	NANNO OOZE
10 1 2	60	32.0	31.40	0.45	11.00	4.75	0.65	1.72	24.60	1.02	1.73	0.21	1.07	NANNO OOZE
10 2 2	58	42.3	42.50	0.52	13.30	6.76	1.43	2.79	10.40	1.28	2.29	0.74	2.04	ZEOLITIC CLAY
10 2 3	90	44.1	44.60	0.54	13.30	6.04	1.20	2.90	9.79	1.43	2.27	0.78	1.79	CLAY
10 2 4	62	45.3	16.00	0.21	5.34	2.63	0.59	0.83	38.40	0.61	1.06	0.26	1.25	NANNO OOZE
10 3 1	60	48.8	41.00	0.57	14.00	5.92	0.86	2.27	13.20	1.20	2.23	0.27	1.46	CLAY
10 3 3	65	51.8	9.20	0.10	3.44	1.42	0.28	0.55	46.30	0.37	0.51	0.15	1.04	NANNO OOZE
10 3 5	62	77.9	20.60	0.25	6.94	3.22	0.70	1.02	34.80	0.79	1.20	0.22	0.95	NANNO OOZE
10 7 4	96	95.0	29.80	0.23	7.32	3.90	0.89	1.62	27.80	1.27	1.72	0.21	1.01	MARL OOZE
10 9 1	93	177.1	24.70	0.13	3.85	2.06	0.30	1.12	32.90	0.76	0.65	0.15	1.65	SILIC. CALC. OOZE

SITE 14: LAT 28 DEG 20 MIN S; LONG 20 DEG 56 MIN W; DEPTH 4346 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
14A 1 1	91	0.9	26.40	0.40	8.37	4.02	0.25	1.45	31.50	0.87	1.73	0.17	1.00	NANNO OOZE
14A 1 6	81	3.3	10.80	0.15	3.46	1.62	0.15	0.64	48.00	0.47	0.70	0.13	0.87	NANNO OOZE
14 2 6	99	20.5	6.50	0.10	2.18	0.98	0.09	0.49	51.70	0.33	0.42	0.08	0.85	NANNO OOZE
14 3 6	79	41.3	5.50	0.08	1.34	0.89	0.10	0.40	53.90	0.23	0.35	0.08	0.71	NANNO OOZE
14 5 6	92	59.4	4.30	0.06	1.42	1.13	0.20	0.38	54.80	0.17	0.26	0.07	0.92	NANNO OOZE
14 6 3	50	74.9	7.10	0.55	2.17	1.43	0.19	0.60	53.30	0.30	0.49	0.07	0.92	NANNO OOZE
14 6 6	84	79.3	5.60	0.08	1.30	1.65	0.21	0.50	53.30	0.24	0.36	0.09	0.77	NANNO OOZE
14 7 3	92	83.9	2.83	0.07	1.65	1.31	0.26	0.51	51.90	0.30	0.37	0.09	0.87	NANNO OOZE
14 7 6	91	83.4	2.80	0.04	0.57	1.33	0.36	0.37	56.50	0.16	0.15	0.08	0.88	NANNO OOZE
14 8 6	90	97.4	2.60	0.15	0.86	1.33	0.52	0.37	55.40	0.23	0.17	0.08	0.97	NANNO OOZE
14 9 3	116	102.2	4.40	0.08	1.39	1.88	0.57	0.48	53.10	0.18	0.27	0.10	0.86	NANNO OOZE
14 5 6	78	106.3	5.30	0.07	1.54	1.75	0.39	0.54	53.90	0.28	0.27	0.10	0.77	NANNO OOZE

SITE 15: LAT 30 DEG 53 MIN S; LONG 17 DEG 59 MIN W; DEPTH 3938 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
15 1 6	92	8.4	6.50	0.10	2.14	1.26	0.16	0.51	51.50	0.38	0.31	0.07	1.20	NANNO OOZE
15 2 1	77	13.8	3.20	0.04	1.09	0.67	0.10	0.27	55.70	0.27	0.16	0.07	1.06	NANNO OOZE
15 2 6	74JK	29.2	11.40	0.17	3.44	1.63	0.23	0.73	46.20	0.54	0.57	0.09	0.98	NANNO OOZE
15 3 6	99	45.5	3.60	0.04	1.20	0.72	0.12	0.33	54.30	0.27	0.15	0.07	0.80	NANNO OOZE
15 4 6	85	55.4	3.60	0.05	1.28	0.69	0.13	0.33	53.60	0.17	0.19	0.07	0.95	NANNO OOZE
15 5 5	87	83.9	6.10	0.11	2.06	1.47	0.24	0.48	53.00	0.40	0.33	0.11	0.77	MARL OOZE
15 6 3	86	103.9	35.30	0.29	10.30	7.11	0.94	2.01	15.30	0.99	2.36	0.40	1.06	MARL OOZE
15 6 6	87	113.4	5.40	0.15	2.32	2.03	0.27	0.62	45.40	0.34	0.65	0.10	0.87	NANNO OOZE
15 7 6	70	122.2	6.50	0.10	2.21	1.68	0.26	0.52	50.50	0.25	0.42	0.10	0.80	NANNO OOZE
15 8 3	83	126.8	3.80	0.07	1.37	2.55	1.05	0.43	50.20	0.19	0.26	0.20	1.07	NANNO OOZE
15 8 6	49LT	131.0	2.90	0.06	1.26	2.55	1.06	0.44	50.30	0.14	0.22	0.22	0.94	NANNO OOZE

TABLE 3 - Continued

SITE 16: LAT 30 DEG 27 MIN S; LONG 15 DEG 43 MIN W; DEPTH 3526 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TI02	AL2C3	FE203	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLCGY	
16 1 3	88	3.9	5.20	0.08	1.70	1.07	0.13	0.42	50.50	0.37	0.29	0.09	1.13	NANNO OOZE
16 1 6	118	3.7	4.40	0.07	1.44	0.71	0.08	0.30	52.80	0.20	0.22	0.06	1.17	NANNO OOZE
16 2 3	83	22.4	3.50	0.06	1.26	0.60	0.07	0.31	53.90	0.31	0.20	0.07	1.11	NANNO OOZE
16 2 6	112	27.2	7.00	0.11	2.30	1.16	0.08	0.47	48.90	0.39	0.36	0.08	0.85	NANNO OOZE
16 3 6	100	45.1	1.70	0.02	0.32	0.43	0.07	0.27	55.40	0.18	0.09	0.07	0.93	NANNO OOZE
16 4 6	81	63.2	0.90	0.02	0.48	0.31	0.03	0.21	56.30	0.14	0.10	0.07	0.94	NANNO OOZE
16 5 5	89	92.6	2.10	0.04	0.39	0.46	0.06	0.23	54.60	0.16	0.13	0.07	0.83	NANNO OOZE
16 6 6	67	112.2	1.80	0.04	0.31	0.61	0.06	0.25	54.50	0.24	0.13	0.07	0.55	NANNO OOZE
16 7 6	68	121.4	1.80	0.03	0.78	0.76	0.06	0.22	55.40	0.21	0.13	0.07	0.81	NANNO OOZE
16 8 6	82	133.7	2.80	0.05	1.04	0.98	0.10	0.29	53.20	0.20	0.17	0.10	0.66	NANNO OOZE
16 9 3	94	133.4	3.30	0.06	1.34	1.03	0.12	0.35	55.30	0.20	0.21	0.08	0.99	MARLY OOZE
16 10 3	79	147.5	2.80	0.05	1.15	0.94	0.10	0.34	54.30	0.21	0.17	0.08	0.89	MARLY OOZE
16 10 6	59	151.8	3.40	0.06	1.37	1.19	0.15	0.42	53.60	0.26	0.22	0.10	1.01	MARLY OOZE
16 11 3	80	156.6	2.00	0.04	1.00	0.91	0.08	0.34	54.00	0.10	0.11	0.10	0.96	MARLY OOZE
16 11 6	96	161.3	2.50	0.05	1.15	1.51	0.18	0.37	52.90	0.20	0.16	0.11	0.87	MARLY OOZE

SITE 19: LAT 28 DEG 32 MIN S; LONG 23 DEG 41 MIN W; DEPTH 4685 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TI02	AL2C3	FE203	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
19 1 1	89	0.9	46.70	0.69	14.10	6.46	0.71	2.42	10.40	1.80	2.65	0.22	2.14	NANNO CLAY
19 2 6	91	17.5	56.70	0.86	17.60	7.13	0.43	3.08	1.22	1.56	3.66	0.26	1.48	CLAY
19 3 6	96	45.1	14.00	0.20	4.42	1.99	0.17	0.87	44.70	0.49	1.02	0.12	0.87	OOZE
19 4 6	40	64.6	7.40	0.09	2.39	0.91	0.03	0.53	52.40	0.29	0.54	0.08	0.81	CCZE
19 5 2	86	78.0	8.40	0.12	2.80	1.06	0.09	0.65	50.80	0.52	0.61	0.08	1.03	CCZE
19 5 6	59	83.7	11.60	0.16	3.70	1.68	0.09	0.87	47.90	0.42	0.83	0.15	0.66	CCZE
19 6 3	81	89.8	9.00	0.12	2.75	1.30	0.11	0.66	50.40	0.28	0.63	0.10	0.77	CCZE
19 6 6	65	94.2	9.40	0.14	2.57	1.34	0.10	0.65	50.20	0.35	0.67	0.10	0.72	CCZE
19 7 3	65	98.8	13.40	0.19	3.85	2.37	0.22	1.03	43.90	0.51	0.94	0.11	0.62	CCZE
19 7 6	84	103.4	3.40	0.04	1.09	1.66	0.15	0.39	55.10	0.15	0.28	0.05	0.92	CCZE
19 8 3	70	108.6	11.00	0.15	3.16	2.36	0.27	0.85	47.50	0.39	0.74	0.14	0.97	CCZE
19 8 6	79	112.6	12.60	0.18	3.48	2.77	0.23	0.97	45.30	0.43	0.87	0.13	0.87	CCZE
19 9 3	97	117.4	6.00	0.06	1.67	2.83	0.28	0.60	51.90	0.28	0.40	0.12	0.96	CCZE
19 9 6	60	121.5	6.80	0.08	1.97	3.14	0.40	0.67	50.00	0.29	0.46	0.11	0.82	CCZE
19 10 3	71	127.5	5.40	0.07	1.53	2.49	0.45	0.55	52.90	0.30	0.41	0.10	0.98	CCZE
19 10 6	71	132.0	5.80	0.06	1.66	2.95	0.39	0.61	52.90	0.23	0.41	0.13	0.96	CCZE
19 11 2	138	135.9	5.60	0.12	2.30	4.48	0.57	0.91	45.50	0.38	0.72	0.17	1.08	OOZE
19 11 4	85	138.4	7.00	0.11	2.03	3.83	0.66	0.67	48.90	0.29	0.50	0.16	0.87	CCZE

SITE 25: LAT 0 DEG 31 MIN S; LONG 39 DEG 14 MIN W; DEPTH 1916 M (ANAL LI)

SAMPLE	DEPTH	SI02	TI02	AL2C3	FE203	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLCGY	
25 1 1	53	0.5	10.50	0.20	4.41	1.73	0.06	0.56	41.70	0.21	0.53	0.08	1.11	FCRAM NANNO OOZE
25 1 1	61	0.6	7.75	0.13	2.98	1.23	0.04	0.54	44.80	0.23	0.49	0.06	1.08	FCRAM NANNO OOZE
25 1 2	95	2.5	5.45	0.08	2.02	0.91	0.04	0.42	47.90	0.15	0.30	0.05	0.95	FCRAM NANNO OOZE
25 1 4	126	5.8	14.20	0.25	5.77	2.10	0.05	0.65	39.80	0.42	0.71	0.08	1.22	FCRAM NANNO OOZE
25 1 5	82	6.8	10.60	0.20	4.32	1.65	0.04	0.53	42.20	0.27	0.55	0.07	1.19	FCRAM NANNO OOZE
25 1 6	95	3.5	9.17	0.16	3.47	1.24	0.04	0.52	43.60	0.65	0.51	0.05	0.40	FCRAM NANNO OOZE
25 2 1	107	10.0	10.40	0.19	4.04	1.57	0.03	0.52	41.50	0.28	0.59	0.07	1.79	FCRAM NANNO OOZE
25 2 2	75	11.3	16.60	0.32	7.13	2.06	0.05	0.73	36.20	0.35	0.84	0.06	1.11	FCRAM NANNO OOZE
25 2 3	72	12.7	12.10	0.21	4.42	1.61	0.04	0.61	41.20	0.33	0.67	0.08	1.21	FCRAM NANNO OOZE
25 3 1	23	18.2	7.37	0.13	2.63	1.06	0.04	0.51	46.10	0.28	0.42	0.08	0.75	FCRAM NANNO OOZE
25 3 2	39	19.9	5.57	0.10	2.05	0.86	0.04	0.42	48.30	0.26	0.31	0.06	1.05	FCRAM NANNO OOZE
25 3 3	56	21.6	5.19	0.08	1.30	0.80	0.04	0.44	48.20	0.22	0.34	0.07	0.92	FCRAM NANNO OOZE
25 4 1	100	23.1	11.20	0.18	4.64	1.73	0.04	0.59	41.40	0.34	0.55	0.08	1.19	FCRAM NANNO OOZE
25 4 3	76	30.8	5.44	0.11	1.97	0.81	0.04	0.44	47.30	0.23	0.32	0.06	0.95	FCRAM NANNO OOZE
25 4 3	82	30.8	6.00	0.11	2.28	1.04	0.04	0.48	48.00	0.24	0.34	0.06	0.93	FCRAM NANNO OOZE
25 4 4	84	32.3	6.79	0.11	2.63	1.06	0.06	0.48	45.20	0.30	0.38	0.04	0.82	FCRAM NANNO OOZE

SITE 27: LAT 15 DEG 51 MIN N; LONG 56 DEG 53 MIN W; DEPTH 5253 M (ANAL. BLDD)

SAMPLE	DEPTH	SI02	TI02	AL2C3	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLCGY	
27A 1 5	60	30.0	51.70	0.80	20.30	7.94	0.13	2.11	0.35	0.03	0.86	0.16	1.06	CLAY
27A 2 3	77	49.0	69.50	0.78	13.00	3.85	0.09	1.18	0.93	1.87	2.21	0.16	0.38	TURBIDITE
27A 3 1	126	55.0	52.20	0.83	20.90	8.10	0.28	2.10	0.56	1.38	2.99	0.16	1.20	CLAY
27A 4 3	109	67.0	51.80	0.84	21.00	8.93	0.12	2.10	0.27	1.28	3.13	0.24	0.83	CLAY
27A 4 4	68	68.0	50.60	0.92	22.70	6.07	0.10	1.56	0.60	1.40	2.66	0.13	1.42	CLAY
27A 4 5	66	70.0	50.50	0.82	20.10	7.08	0.41	1.90	0.36	1.12	2.94	0.14	0.82	CLAY
27A 5 2	47	74.0	50.70	0.86	21.60	6.68	0.09	1.94	1.02	1.72	2.39	0.10	1.77	CLAY



SAMPLE			DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
27A	5	4	67	77.0	51.40	0.83	21.20	8.33	0.23	2.03	0.38	1.30	2.96	0.16	0.98	CLAY
27	1	6	61	92.0	50.80	0.83	21.10	7.53	0.06	2.03	0.28	1.07	2.70	0.11	1.50	CLAY
27	2	3	102	144.0	50.80	0.85	22.40	5.85	0.81	2.05	0.53	0.94	1.74	0.12	0.81	CLAY
27	3	2	120	238.0	39.50	0.76	19.30	5.25	0.05	1.45	12.70	0.61	1.27	0.11	0.59	CLAY
27	4	2	23	247.0	50.10	0.81	21.40	10.10	0.06	1.65	0.25	0.84	2.75	0.09	0.58	CLAY
27	5	3	44	373.0	34.00	0.62	15.40	5.81	0.16	1.72	14.70	0.53	1.52	0.23	0.46	CLAY
27	6	3	40	453.0	52.30	0.77	19.40	7.34	0.17	2.23	10.50	1.00	1.55	0.15	1.04	CLAYSTONE
SITE 28: LAT 20 DEG 35 MIN N; LCNG 65 DEG 37 MIN W; DEPTH 5519 M (ANAL. BUDD)																
SAMPLE			DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
28	2	4	74.0	54.80	0.84	20.20	7.51	0.30	2.41	0.60	1.25	2.15	0.19	0.93	PELAGIC CLAY	
28	3	6	178.0	42.80	0.44	10.30	4.00	0.16	1.92	20.30	0.73	1.23	0.10	0.58	PELAGIC CLAY	
SITE 29: LAT 14 DEG 47 MIN N; LCNG 69 DEG 19 MIN W; DEPTH 4247 M (ANAL. BUDD)																
SAMPLE			DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
29	1	1	63	1.0	38.90	0.62	16.50	6.20	0.14	1.52	13.40	0.87	2.23	0.14	1.30	CALCAREOUS CLAY
29	1	2	60	2.0	41.40	0.64	17.90	6.08	0.12	1.59	10.90	0.90	2.39	0.14	1.20	CALCAREOUS CLAY
29	1	3	57	4.0	27.60	0.43	11.90	2.88	0.36	1.08	26.00	0.69	1.39	0.11	1.26	CALCAREOUS CLAY
29	2	1	79	10.0	34.80	0.57	14.60	4.73	0.21	1.37	18.90	0.85	1.77	0.11	1.25	CALCAREOUS CLAY
29	2	2	66	11.0	33.70	0.52	14.30	4.74	0.14	1.26	14.80	0.82	1.68	0.17	1.12	CALCAREOUS CLAY
29	2	3	85	13.0	30.50	0.46	13.20	4.93	0.25	1.18	22.60	0.59	1.45	0.14	1.12	CALCAREOUS CLAY
29	3	1	46	18.0	39.00	0.61	16.50	5.72	0.16	1.44	13.80	0.88	1.97	0.15	1.13	CALCAREOUS CLAY
29	4	1	105	28.0	44.70	0.68	19.20	6.21	0.18	1.69	8.03	0.96	2.29	0.14	1.11	CLAY
29	4	2	80	29.0	36.40	0.54	14.90	5.09	0.22	1.37	16.70	0.81	1.80	0.12	1.05	CLAY
29	4	3	66	31.0	38.30	0.58	15.50	6.13	0.86	1.55	14.10	0.85	2.00	0.25	1.00	CLAY
29	4	4	140	32.0	52.20	0.76	21.40	7.88	0.07	2.00	0.29	1.18	2.87	0.18	1.06	CLAY
29	5	1	49	37.0	51.80	0.73	21.40	8.39	0.12	2.12	0.36	1.25	2.53	0.20	1.04	CLAY
29	6	1	23	46.0	51.00	0.73	20.60	8.35	0.55	2.05	0.47	1.29	2.46	0.21	1.03	CLAY
29B	1	1	30	58.0	51.50	0.76	20.50	7.78	0.77	2.27	0.58	1.28	2.69	0.19	1.20	CLAY
29B	1	4	49	62.0	51.40	0.77	20.40	8.32	0.16	2.22	0.39	1.29	2.65	0.18	1.44	CLAY
29B	1	5	63	64.0	51.80	0.76	20.40	8.50	0.16	2.27	0.38	1.31	2.66	0.16	1.22	CLAY
29B	1	6	30	65.0	52.00	0.80	20.50	8.32	0.17	2.32	0.39	1.35	2.72	0.17	1.16	CLAY
29B	2	2	50	71.0	51.20	0.76	20.30	8.23	0.55	2.37	0.86	1.35	2.49	0.20	1.04	CLAY
29B	2	3	70	73.0	51.40	0.75	20.00	8.20	0.27	2.61	0.87	1.46	2.39	0.23	1.04	CLAY
29B	2	4	60	74.0	45.60	0.66	16.90	7.27	0.35	2.36	9.70	1.40	2.08	0.19	1.17	CLAY
29B	3	1	60	73.0	49.20	0.73	18.30	7.54	0.62	2.56	3.43	1.40	2.24	0.19	1.03	CLAY
29B	3	2	56	80.0	52.80	0.79	19.80	8.10	0.18	2.55	0.64	1.52	2.18	0.18	1.23	CLAY
29B	4	1	62	88.0	52.70	0.77	19.50	8.57	0.46	2.56	0.66	1.53	2.28	0.22	1.05	CLAY
29B	4	2	50	90.0	52.70	0.72	20.10	8.09	0.34	2.38	0.64	1.39	2.39	0.16	0.98	CLAY
29B	4	3	59	91.0	52.80	0.66	19.90	7.93	0.54	2.36	0.85	1.43	2.47	0.25	0.94	CLAY
29B	4	4	114	93.0	52.30	0.72	18.50	8.09	0.24	2.58	1.45	1.70	2.41	0.33	1.06	CLAY
29	7	1	144	117.0	55.10	0.28	6.39	2.41	0.19	1.42	25.40	0.94	1.17	0.12	0.96	CLAYEY CHALK
29	8	1	92	126.0	79.60	0.13	3.62	1.53	0.10	0.80	0.60	0.76	0.45	0.27	2.83	RADICLARIAN OOZE
29	9	2	95	137.0	73.00	0.19	3.75	1.98	0.23	1.16	0.90	1.03	0.49	0.42	2.73	RADICLARIAN OOZE
29	9	3	45	139.0	62.10	0.28	5.62	1.70	0.04	1.27	8.27	0.79	0.68	0.12	3.02	RADICLARIAN OOZE
29	9	6	60	143.0	74.20	0.22	5.32	2.27	0.22	1.25	0.62	1.08	0.62	0.10	3.21	RADICLARIAN OOZE
29	10	5	50	149.0	74.20	0.17	5.28	1.94	0.20	3.02	0.99	1.22	0.66	0.27	3.46	RADICLARIAN OOZE
29	11	1	23	153.0	76.50	0.15	4.50	1.82	0.34	1.28	0.63	0.86	0.59	0.20	3.05	RADICLARIAN OOZE
29	12	6	114	171.0	55.80	0.10	2.81	0.99	0.19	1.28	14.20	0.56	0.40	0.12	2.72	RADICLARIAN OOZE
29	13	1	31	172.0	65.50	0.11	3.39	1.48	0.20	1.70	4.20	0.91	0.56	0.13	3.33	RADICLARIAN OOZE
29	14	6	138	193.0	79.10	0.10	2.32	0.94	0.19	1.56	0.45	0.68	0.39	0.18	2.94	RADICLARIAN OOZE
29	15	6	56	201.0	71.30	0.04	2.21	1.44	0.15	1.46	10.60	0.75	0.28	0.11	2.85	RADICLARIAN OOZE
29	16	6	66	210.0	69.00	0.05	2.43	1.68	0.07	2.03	6.90	0.81	0.25	0.09	3.07	RADICLARIAN OOZE
29	17	5	69	218.0	78.20	0.06	2.55	0.99	1.32	1.54	0.49	0.81	0.29	0.13	2.54	RADICLARIAN OOZE
29	18	3	74	224.0	78.00	0.09	3.08	1.43	0.39	2.02	0.80	0.82	0.38	0.16	2.67	RADICLARIAN OOZE
SITE 30: LAT 12 DEG 52 MIN N; LCNG 63 DEG 23 MIN W; DEPTH 1218 M (ANAL. BUDD)																
SAMPLE			DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
30	1	5	84	57.0	38.60	0.61	15.20	5.20	0.04	1.57	18.50	1.21	1.90	0.11	1.63	CALC. SILTY CLAY
30	2	4	57	65.0	45.80	0.76	18.70	7.16	0.03	1.67	7.66	1.00	2.40	0.09	1.12	CALC. SILTY CLAY
30	3	4	62	113.0	51.50	0.85	19.50	6.68	0.05	1.75	5.13	0.78	2.52	0.11	0.87	CALC. SILTY CLAY
30	4	2	38	119.0	52.40	0.84	18.10	6.33	0.04	1.73	5.08	1.17	2.26	0.13	1.08	CALC. SILTY CLAY
30	5	2	18	167.0	51.90	0.63	17.30	6.30	0.05	1.56	6.90	2.31	1.80	0.11	1.26	CALC. SILTY CLAY
30	6	2	80	176.0	50.30	0.88	20.70	7.37	0.04	1.73	3.05	0.62	2.58	0.11	0.75	SILTY CLAY
30	7	1	60	261.0	51.30	0.91	19.60	6.61	0.04	1.73	3.08	0.94	2.48	0.11	0.82	SILTY CLAY
30	8	1	29	318.0	42.00	0.63	17.10	5.79	0.04	2.00	14.90	1.38	1.97	0.10	1.02	SILTY CLAY
30	9	2	60	363.0	43.90	0.73	16.30	6.63	0.05	2.82	15.70	1.05	1.22	0.11	1.21	SILTY CLAY
30	10	2	80	376.0	42.80	0.61	13.40	5.47	0.04	2.72	17.60	1.85	1.58	0.05	0.91	SILTY CLAY

TABLE 3 - Continued

SAMPLE		DEPTH	SI02	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
30	10 3	53	377.0	49.70	0.69	14.70	9.03	0.05	2.67	8.60	2.09	1.72	0.20	0.97	SILTY CLAY
30	11 2	86	387.0	34.60	0.50	10.50	4.54	0.04	1.65	27.90	1.17	1.00	0.20	0.85	CALC. SILTY CLAY
30	12 5	101	393.0	31.00	0.40	9.16	3.90	0.05	1.63	30.60	0.82	1.11	0.18	0.87	CALC. SILTY CLAY
30	13 3	125	405.0	39.20	0.61	11.70	5.82	0.06	1.93	23.10	1.64	1.09	0.20	0.58	CALC. SILTY CLAY
30	14 1	135	403.0	21.80	0.34	6.45	3.81	0.04	1.18	35.80	1.06	0.83	0.16	0.97	CALC. SILTY CLAY
30	15 5	61	413.0	21.10	0.32	5.47	5.39	0.03	1.21	39.30	0.88	1.27	0.11	1.03	CALC. SILTY CLAY
30	16 1	121	421.0	18.30	0.32	4.43	5.03	0.04	1.40	42.30	0.52	1.19	0.16	1.03	CLAYEY CALC. GOZE
SITE 31: LAT 14 DEG 57 MIN N; LONG 72 DEG 7 MIN W; DEPTH 3363 M (ANAL. BUDD)															
SAMPLE		DEPTH	SI02	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
31	1 1	28	1.0	20.80	0.29	7.95	2.92	0.15	0.98	35.10	0.44	1.02	0.11	1.55	FORAM-NANNO OOZE
31	1 2	41	2.0	25.40	0.36	9.07	4.01	0.19	1.08	28.90	0.38	1.23	0.14	1.26	FORAM-NANNO OOZE
31	1 3	34	4.0	20.60	0.35	7.99	2.84	0.15	0.88	36.70	0.31	1.04	0.11	1.11	FORAM-NANNO OOZE
31	1 4	43	5.0	29.70	0.44	11.00	4.83	0.18	1.22	26.20	0.50	1.45	0.14	1.36	FORAM-NANNO OOZE
31	1 5	101	7.0	17.70	0.20	6.07	3.11	0.24	0.86	38.10	0.29	0.89	0.12	1.40	FORAM-NANNO CCZE
31	1 6	39	8.0	26.30	0.36	10.10	3.84	0.17	1.12	27.50	0.43	1.35	0.12	1.34	FORAM-NANNO CCZE
31	2 2	79	0.0	25.30	0.35	10.00	3.22	0.19	1.05	25.90	0.41	1.28	0.12	1.26	FORAM MARL
31	3 4	138	66.0	28.10	0.41	11.10	4.28	0.19	1.18	34.30	0.44	1.42	0.14	1.23	FORAM MARL
31	3 6	56	5.0	27.40	0.39	10.30	3.94	0.22	1.15	26.40	0.38	1.41	0.14	1.14	FORAM MARL
31	4 1	43	70.0	28.80	0.42	11.00	4.05	0.19	1.22	33.80	0.44	1.46	0.14	1.16	FORAM MARL
31	4 3	135	72.0	21.30	0.33	6.55	2.89	0.10	1.25	30.30	0.35	0.68	0.14	0.79	FORAM MARL
31	5 1	58	79.0	28.20	0.39	10.00	4.02	0.20	1.22	35.20	0.42	1.52	0.14	1.10	FORAM MARL
31	6 2	45	99.0	30.10	0.43	11.30	4.17	0.18	1.24	32.40	0.44	1.63	0.12	0.98	FORAM MARL
31	8 2	64	157.0	45.30	0.46	16.10	5.24	0.17	2.03	1.96	0.78	2.26	0.14	0.76	FORAM MARL
31	9 2	134	214.0	9.10	0.12	3.33	1.47	0.10	0.70	44.60	0.12	0.42	0.08	0.79	NANNO CHALK
31	10 5	129	277.0	21.10	0.26	5.37	2.43	0.10	1.26	34.40	0.39	0.66	0.15	1.05	NANNO CHALK
31	10 3	102	274.0	15.20	0.22	3.30	1.76	0.13	0.76	40.40	0.45	0.54	0.11	1.02	NANNO CHALK
SITE 34: LAT 39 DEG 28 MIN N; LONG 127 DEG 17 MIN W; DEPTH 4322 M (ANAL. LI)															
SAMPLE		DEPTH	SI02	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
34	1 2	113	23.0	51.40	0.69	14.00	7.72	0.11	3.94	4.48	2.38	2.44	0.11	1.84	MUD
34	1 4	70	26.0	55.40	0.72	16.10	7.16	0.11	3.92	C.98	2.63	2.64	0.12	2.32	MUD
34	2 2	92	31.0	55.80	0.72	15.40	6.92	0.10	3.80	1.37	2.68	2.50	0.13	2.21	MUD
34	2 4	66	34.0	55.60	0.69	14.20	7.77	0.12	3.93	1.33	2.58	2.41	0.11	2.25	MUD
34	3 2	55	77.0	30.00	0.37	7.90	4.04	0.11	1.99	25.80	1.38	1.32	0.11	1.52	NANNO MUD
34	3 5	145	84.0	35.70	0.44	5.48	4.25	0.13	2.36	1.60	1.91	1.75	0.13	1.45	NANNO MUD
34	4 1	60	103.0	54.80	0.66	13.90	8.24	0.13	3.61	1.61	2.57	2.39	0.10	2.02	MUD
34	4 4	46	112.0	56.80	0.69	15.00	6.87	0.13	3.75	1.30	2.65	2.50	0.12	2.03	MUD
34	5 1	121	117.2	69.40	0.21	11.40	2.46	0.05	0.39	0.67	3.21	4.69	0.05	0.93	VOLCANIC ASH
34	5 2	123	117.0	60.20	0.64	13.90	5.94	0.10	3.24	1.05	2.75	2.71	0.10	1.89	MUD
34	5 5	114	123.0	57.50	0.69	14.30	6.81	0.10	3.74	1.41	2.62	2.44	0.11	1.73	MUD
34	5 6	142	125.0	59.40	0.70	14.20	6.82	0.09	3.74	1.11	2.61	2.38	0.13	1.82	SILICEOUS MUD
34	6 2	36	127.0	66.00	0.62	13.50	4.57	0.06	2.37	2.42	3.47	1.91	0.16	0.46	SAND
34	6 3	98	127.0	62.10	0.61	12.60	5.57	0.08	2.94	1.93	2.87	1.94	0.12	1.76	SILICEOUS MUD
34	6 3	130	129.0	66.50	0.57	13.70	4.51	0.08	2.27	2.46	3.49	1.90	0.16	0.49	SAND
34	6 4	60	130.0	63.10	0.60	13.00	5.09	0.07	2.67	2.09	3.16	1.95	0.14	1.50	SILICEOUS MUD
34	6 4	143	131.0	67.60	0.59	13.30	4.38	0.06	2.21	2.34	3.51	1.81	0.16	0.41	SAND
34	6 5	103	132.0	66.60	0.62	14.10	4.77	0.08	2.51	2.02	3.44	2.01	0.15	0.40	SAND
34	6 5	133	132.0	62.50	0.61	13.70	4.93	0.09	3.18	1.41	2.51	2.18	0.12	1.27	SILICEOUS MUD
34	6 6	6	133.0	67.60	0.62	13.70	4.74	0.08	2.29	2.20	3.41	1.90	0.15	0.39	SAND
34	6 6	120	134.0	60.50	0.56	12.80	6.20	0.10	3.35	1.86	2.41	2.13	0.10	1.66	SILICEOUS MUD
34	7 3	113	138.0	54.40	0.58	12.80	5.98	0.11	3.38	4.25	2.36	2.13	0.10	2.08	SILICEOUS MUD
34	7 4	127	140.0	53.40	0.66	13.00	6.18	0.13	3.44	5.45	2.39	2.21	0.12	1.95	MUD
34	7 6	78	142.0	57.20	0.68	13.90	6.51	0.10	3.61	1.69	2.62	2.33	0.11	2.02	MUD
34	7 6	123	143.0	56.80	0.63	13.00	6.29	0.12	3.44	3.20	2.35	2.17	0.11	1.77	MUD
34	8 2	10	167.0	53.10	0.51	10.70	4.72	0.30	2.72	8.64	2.31	1.83	0.11	2.05	SILICEOUS MUD
34	8 4	21	170.0	53.60	0.67	13.10	6.09	0.19	3.26	5.62	2.53	2.19	0.12	1.77	MUD
34	8 6	125	174.0	59.20	0.65	12.90	6.39	0.12	3.30	2.21	2.53	2.16	0.11	1.81	MUD
34	9 2	140	215.0	58.20	0.58	11.30	6.25	0.08	3.05	4.63	2.40	1.93	0.11	2.10	SILICEOUS MUD
34	9 4	130	218.0	63.20	0.62	11.40	5.68	0.06	3.06	1.10	2.49	1.90	0.10	2.59	SILICEOUS MUD
34	9 6	57	220.0	62.50	0.44	7.99	8.74	0.07	2.02	1.19	2.01	1.30	0.07	2.61	SILICEOUS MUD
34	10 2	50	271.0	61.00	0.60	10.60	7.80	0.09	2.96	1.23	2.26	1.61	0.10	2.47	SILICEOUS MUD
34	10 4	60	274.0	58.20	0.63	11.50	6.33	0.10	3.26	3.71	2.26	1.79	0.12	2.17	SILICEOUS OOZE
34	10 6	90	277.0	56.40	0.63	11.30	6.29	0.11	3.12	5.12	2.23	1.74	0.12	2.05	NANNO-SILICEOUS OOZE
34	11 2	95	280.0	55.70	0.71	11.60	7.18	0.30	3.49	4.94	2.19	1.79	0.14	1.89	SILICEOUS MUD
34	11 3	65	282.0	59.00	0.72	12.20	7.52	0.30	3.51	1.49	2.47	1.91	0.12	2.38	SILICEOUS MUD
34	11 3	135	282.0	31.30	0.37	5.44	3.61	1.10	1.73	28.40	1.34	0.98	0.15	1.44	NANNO-SILICEOUS OOZE
34	12 1	120	285.0	58.70	0.85	13.40	7.25	0.07	3.44	1.37	2.55	1.93	0.12	2.31	SILICEOUS MUD
34	12 2	110	287.0	60.20	0.66	12.20	6.97	0.07	3.28	1.01	2.42	1.83	0.08	2.42	SILICEOUS MUD
34	13 2	45	298.0	59.80	0.49	12.50	6.27	0.09	3.17	1.38	2.57	1.78	0.10	2.53	NANNO-SILICEOUS OOZE

SAMPLE			DEPTH	SI02	TI02	AL2O3	FE2O3	MNG	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLCGY	
34	14	2	70	339.0	54.90	0.64	14.00	7.52	2.14	3.12	1.87	2.15	2.67	0.27	0.66	MUD
34	15	2	80	347.0	59.40	0.65	14.20	7.49	0.09	3.05	1.44	2.48	2.81	0.21	0.69	ZEOLITIC MUD
34	16	1	35	348.0	56.50	0.61	14.50	6.20	0.50	3.57	3.29	2.22	2.64	0.33	0.83	MUD
34	17	1	4	352.0	59.50	0.47	15.60	5.75	0.07	5.03	1.05	2.22	1.93	0.09	0.90	MUD
34	18	1	4	383.0	59.60	0.68	14.60	7.36	0.07	3.73	0.88	2.05	3.48	0.12	0.77	MUD

SITE 37: LAT 40 DEG 59 MIN N; LONG 140 DEG 43 MIN W; DEPTH 4682 M (ANAL BUDD)

SAMPLE			DEPTH	SI02	TI02	AL2O3	FE2O3	MNG	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLCGY	
37	1	2	45	2.0	53.40	0.86	16.40	6.86	0.39	3.73	0.94	1.93	3.55	0.08	2.00	CLAY
37	1	3	80	3.8	47.60	0.75	14.40	3.16	0.29	3.07	4.91	1.72	3.17	0.08	2.29	CLAY
37	1	4	57	3.1	42.30	0.72	14.10	6.86	1.13	2.33	1.32	2.70	3.67	0.23	2.54	CLAY
37	2	1	41	3.4	49.60	0.84	15.40	6.91	0.30	3.01	0.80	1.86	3.45	0.08	1.85	ZEOLITIC CLAY
37	2	2	120	7.7	41.90	0.72	12.70	10.20	2.20	2.58	1.84	2.61	2.74	0.68	3.61	ZEOLITIC CLAY
37	2	4	60	13.1	42.60	0.73	13.10	11.90	2.41	2.85	1.64	2.42	2.60	0.59	3.61	ZEOLITIC CLAY
37	3	3	75	17.8	43.40	0.44	12.10	14.30	2.27	2.76	1.35	2.71	2.82	0.65	3.28	ZEOLITIC CLAY
37	3	6	70	22.2	28.50	0.30	8.70	29.50	5.54	2.76	1.36	2.32	1.28	0.75	3.83	FERRUGINOUS CLAY
37	4	2	63	23.1	38.30	0.23	10.70	17.20	4.97	3.44	1.20	2.20	1.34	0.35	4.22	FERRUGINOUS CLAY
37	4	5	75	29.8	36.50	0.98	7.70	21.80	4.06	3.37	0.99	2.25	1.95	0.24	4.86	FERRUGINOUS CLAY

SITE 42: LAT 13 DEG 51 MIN N; LONG 140 DEG 12 MIN W; DEPTH 4848 M (ANAL WALLACE)

SAMPLE			DEPTH	SI02	TI02	AL2O3	FE2O3	MNG	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLCGY	
42	1	1	126	1.0	30.20	0.18	4.70	2.75	0.40	1.47	27.60	0.94	0.96	1.04	2.95	RAD-NANNO COZE
42	1	6	29	8.0	15.20	0.11	2.60	3.47	0.23	0.82	44.60	0.68	0.60	0.33	1.81	NANNO COZE
42	2	1	120	10.0	11.40	0.07	1.80	0.85	0.13	0.51	50.10	0.45	0.46	0.22	1.44	NANNO COZE
42	2	3	88	13.0	4.50	0.01	0.60	0.32	0.04	0.18	51.00	0.18	0.10	0.09	1.05	NANNO COZE
42	2	6	81	17.0	15.90	0.10	2.90	1.48	0.25	0.67	41.10	0.56	0.58	0.31	1.73	NANNO COZE
42	3	1	148	19.0	29.20	0.14	4.30	2.27	0.30	1.01	29.50	0.88	0.87	0.56	2.39	NANNO COZE
42	4	1	46	27.0	15.60	0.11	2.20	1.14	0.17	0.72	35.70	0.48	0.44	0.33	2.02	NANNO COZE
42	4	1	60	28.0	21.60	0.07	2.40	1.90	0.32	0.68	36.80	0.65	0.49	0.25	1.81	NANNO COZE
42	4	1	120	28.0	17.30	0.04	1.90	1.17	0.20	0.45	39.30	0.48	0.43	0.19	1.81	NANNO COZE
42	4	3	40	30.0	16.80	0.07	2.20	1.78	0.32	0.61	38.50	0.52	0.48	0.21	1.66	NANNO COZE
42	4	4	91	32.0	60.50	0.24	5.70	4.38	0.60	1.74	5.15	1.23	1.21	0.58	3.48	RADIOLARIAN COZE
42	5	1	70	38.0	4.90	0.01	0.80	0.57	0.17	0.0	45.40	0.0	0.03	0.07	4.88	RADIOLARIAN COZE
42	5	1	107	38.0	64.40	0.20	4.70	3.86	0.55	1.74	3.58	1.22	0.99	0.46	4.09	NANNO COZE
42	5	5	88	44.0	67.90	0.19	4.30	3.72	0.66	1.68	1.50	1.36	0.95	0.58	4.64	RADIOLARIAN COZE
42	6	2	40	48.0	52.30	0.15	3.00	3.54	0.58	1.50	13.40	0.79	0.71	0.35	3.84	NANNO-RAD COZE
42	6	3	28	52.0	37.40	0.07	2.30	2.29	0.32	0.87	26.60	0.63	0.39	0.26	2.75	RAD-NANNO COZE
42	7	4	85	63.0	72.80	0.07	2.20	3.08	0.55	1.11	0.62	1.07	0.49	0.21	5.33	RADIOLARIAN COZE
42	7	4	95	65.0	23.20	0.02	0.90	1.38	0.26	0.54	35.60	0.33	0.16	0.15	2.22	RAD-NANNO COZE
42	7	4	140	70.0	37.00	0.07	1.20	2.38	0.45	1.15	26.10	0.74	0.34	0.20	3.23	RAD-NANNO COZE
42	7	5	1	60	74.0	0.10	2.90	4.37	0.72	1.68	7.46	1.18	0.56	0.32	4.53	RAD-NANNO COZE
42	7	5	1	80	74.0	0.06	1.70	2.94	0.57	1.14	20.00	0.91	0.40	0.22	3.51	RAD-NANNO COZE
42	7	5	3	40	75.0	0.05	1.30	2.79	0.56	0.96	16.00	0.0	0.28	0.22	4.56	RAD-NANNO COZE
42	7	5	3	140	77.0	0.12	1.30	3.84	0.77	1.81	3.81	1.88	0.52	0.28	3.37	RAD-NANNO COZE
42	9	6	60	81.0	62.80	0.08	2.10	3.82	0.61	1.39	7.70	0.88	0.39	0.32	3.94	RAD-NANNO COZE
42	10	1	32	82.0	68.00	0.06	1.00	3.08	0.63	1.56	3.35	1.26	0.34	0.27	4.57	RAD-NANNO COZE
42	10	1	116	83.0	41.50	0.02	0.30	1.96	0.42	0.74	25.10	0.47	0.21	0.17	3.11	RAD-NANNO COZE
42	10	6	58	93.0	50.00	0.08	1.00	2.17	0.36	1.09	17.40	0.74	0.31	0.23	3.35	RAD-NANNO COZE
42	10	6	79	93.0	33.90	0.02	0.80	1.31	0.33	0.60	32.00	0.44	0.20	0.14	2.70	RAD-NANNO COZE
42	11	1	25	92.0	63.40	0.08	1.40	3.25	0.66	1.53	6.27	0.76	0.39	0.19	4.16	RAD-NANNO COZE
42	11	5	53	93.0	62.30	0.04	1.40	3.18	0.71	1.43	9.14	0.57	0.31	0.16	3.55	RAD-NANNO COZE
42	11	5	122	93.0	60.90	0.09	1.50	3.18	0.55	1.41	8.22	0.88	0.47	0.24	4.07	RAD-NANNO COZE

SITE 62: LAT 1 DEG 52 MIN N; LONG 141 DEG 56 MIN E; DEPTH 2591 M (ANAL WALLACE)

SAMPLE			DEPTH	SI02	TI02	AL2O3	FE2O3	MNG	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLCGY	
62.1	1	3	62	3.6	20.40	0.26	5.30	4.48	0.06	1.73	33.80	0.71	0.95	0.09	1.82	NANNO COZE
62.1	2	4	68	23.2	13.60	0.25	5.20	1.58	0.08	1.16	40.10	0.62	0.60	0.12	1.73	NANNO COZE
62.1	4	6	72	42.2	10.70	0.18	3.50	1.20	0.0	0.90	43.20	0.49	0.28	0.08	1.56	NANNO COZE
62.1	5	4	72	43.2	9.50	0.16	3.20	1.21	0.05	0.81	43.40	0.71	0.28	0.09	1.44	NANNO COZE
62.1	6	6	77	62.3	2.50	0.09	1.70	0.0	0.02	0.43	50.20	0.21	0.05	0.08	1.36	NANNO COZE
62.1	7	6	72	71.2	7.10	0.13	2.30	0.50	0.08	0.61	45.90	0.34	0.21	0.08	1.47	NANNO COZE
62.1	8	6	72	83.2	6.30	0.11	2.10	0.59	0.05	0.61	50.30	0.21	0.23	0.09	1.26	NANNO COZE
62.1	9	4	73	86.2	8.70	0.15	2.40	0.75	0.08	0.65	46.50	0.39	0.38	0.13	1.33	NANNO COZE
62.1	10	6	72	103.2	7.40	0.11	2.30	0.75	0.02	0.64	48.30	0.33	0.26	0.08	1.20	NANNO COZE
62.1	11	6	73	109.2	6.30	0.11	2.00	0.85	0.02	0.59	50.30	0.33	0.25	0.10	1.25	NANNO COZE
62.1	12	6	77	113.3	4.00	0.09	1.30	0.20	0.02	0.36	49.40	0.07	0.12	0.09	1.07	NANNO COZE
62.1	13	5	64	123.6	4.20	0.07	1.30	1.09	0.01	0.32	51.40	0.18	0.06	0.10	1.18	NANNO COZE
62.1	15	6	44	145.9	4.40	0.08	1.10	0.42	0.01	0.46	45.80	0.20	0.18	0.08	1.15	NANNO COZE

TABLE 3 - Continued

SAMPLE		DEPTH	SI02	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
62.1	17 6	74	164.2	3.40	0.07	1.10	0.38	0.0	0.29	51.10	0.18	0.05	0.09	1.18	NANNO OOZE
62.1	19 6	72	132.2	3.40	0.09	1.10	0.89	0.02	0.33	55.60	0.19	0.12	0.09	1.06	NANNO OOZE
62.1	21 6	74	203.2	2.20	0.07	0.60	0.24	0.01	0.32	4.90	0.16	0.06	0.09	1.01	NANNO OOZE
62.1	23 6	74	224.2	2.00	0.04	0.40	0.0	0.02	0.27	4.70	0.02	0.01	0.08	0.87	NANNO OOZE
62.1	25 6	66	242.2	4.00	0.06	0.80	0.0	0.02	0.32	2.30	0.20	0.13	0.06	1.16	NANNO OOZE
62.1	27 5	54	263.5	2.40	0.04	0.30	0.67	0.0	0.28	54.40	0.29	0.01	0.07	0.87	NANNO OOZE
62.1	29 6	65	273.1	4.20	0.06	0.30	0.38	0.0	0.34	51.80	0.20	0.0	0.09	1.15	NANNO OOZE
62.1	31 6	73	299.2	2.20	0.04	0.30	0.0	0.08	0.32	54.10	0.15	0.07	0.08	1.11	NANNO OOZE
62.1	33 3	72	313.7	5.70	0.08	1.40	0.59	0.0	0.48	49.20	0.24	0.06	0.08	1.02	NANNO CHALK
62.1	35 6	72	333.2	10.30	0.11	1.40	0.53	0.05	0.63	48.50	0.29	0.16	0.07	1.16	NANNO CHALK
62.1	37 2	72	346.2	5.50	0.07	1.30	0.70	0.0	0.43	45.20	0.25	0.06	0.09	0.93	NANNO CHALK
62.1	39 4	70	362.5	6.30	0.08	1.00	0.59	0.01	0.48	42.30	0.21	0.17	0.07	0.73	NANNO CHALK

SITE 66: LAT 2 DEG 24 MIN N; LONG 166 DEG 7 MIN W; DEPTH 5253 M (ANAL. LI)

SAMPLE		DEPTH	SI02	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
66.1	1 1	135	16.4	51.30	0.44	10.00	5.23	0.57	1.83	1.09	2.39	1.74	0.30	8.18	RADIOLARIAN OOZE
66.1	2 3	120	24.2	53.50	0.42	10.20	5.06	0.90	1.86	1.05	2.73	1.81	0.42	6.99	RADIOLARIAN OOZE
66.1	3 6	142	23.9	62.70	0.26	7.10	3.26	0.51	1.05	0.55	1.24	1.33	0.20	7.69	RADIOLARIAN OOZE
66.1	3 3	73	32.7	67.50	0.17	5.30	2.22	0.65	1.28	0.44	2.56	1.08	0.17	5.76	RADIOLARIAN OOZE
66.1	3 6	79	37.3	71.00	0.25	6.50	2.53	0.50	1.06	0.78	1.99	1.41	0.21	5.68	RADIOLARIAN OOZE
66.1	4 2	64	43.1	66.60	0.21	5.82	2.49	0.58	0.87	0.91	1.63	1.07	0.52	6.25	RADIOLARIAN OOZE
66.1	4 3	67	41.7	70.70	0.14	3.59	1.64	0.17	0.71	0.72	1.34	0.74	0.28	5.84	RADIOLARIAN OOZE
66.1	4 4	74	43.2	69.30	0.16	4.23	2.04	0.35	0.79	0.68	1.70	0.87	0.30	5.35	RADIOLARIAN OOZE
66.1	4 5	61	44.6	68.40	0.18	4.74	2.50	0.40	0.83	0.58	1.63	0.94	0.28	5.89	RADIOLARIAN OOZE
66.1	4 6	52	46.0	72.70	0.17	4.74	1.56	0.32	0.90	0.66	1.03	0.85	0.26	4.68	RADIOLARIAN OOZE
66.1	5 2	72	49.2	67.50	0.18	5.11	2.43	0.37	0.77	0.63	1.27	0.99	0.31	5.50	RADIOLARIAN OOZE
66.1	5 4	66	55.2	68.50	0.16	4.67	2.28	0.38	0.77	0.58	1.56	0.97	0.28	5.05	RADIOLARIAN OOZE
66.1	5 6	74	55.2	71.50	0.14	4.37	1.59	0.31	0.76	0.62	2.00	0.84	0.30	5.50	RADIOLARIAN OOZE
66.1	6 3	46	59.5	60.80	0.20	6.18	2.29	0.51	0.99	0.92	1.62	1.27	0.42	7.02	RADIOLARIAN OOZE
66.1	6 6	59	64.1	71.70	0.15	5.51	1.96	0.37	1.34	0.56	1.72	1.52	0.29	5.22	RADIOLARIAN OOZE
66.0	2 1	15	79.2	67.20	0.11	4.77	1.59	0.40	1.25	0.71	1.59	0.92	0.35	6.58	RADIOLARIAN OOZE
66.0	2 3	9	82.1	67.10	0.08	3.21	1.04	0.14	1.28	4.04	3.44	0.64	0.26	5.71	RADIOLARIAN OOZE
66.0	2 3	118	83.2	68.80	0.11	4.15	1.35	0.18	1.23	1.63	3.45	0.78	0.32	6.56	RADIOLARIAN OOZE
66.0	3 1	40	117.4	71.30	0.16	4.38	2.00	0.29	1.45	1.05	1.15	0.74	0.60	5.34	RADIOLARIAN OOZE
66.0	3 4	63	122.1	69.60	0.15	4.36	1.54	0.40	1.38	1.20	1.28	0.75	0.63	5.24	RADIOLARIAN OOZE
66.0	3 4	110	122.6	68.10	0.17	8.33	2.18	0.23	0.64	1.47	1.45	0.82	0.85	4.77	RADIOLARIAN OOZE
66.0	3 5	102	123.0	67.10	0.18	4.59	2.16	0.38	1.12	1.46	1.39	0.71	0.81	5.39	RADIOLARIAN OOZE
66.0	6 1	15	166.2	55.50	0.88	16.00	15.60	0.06	3.18	0.46	1.22	4.64	0.34	1.50	BROWN CLAY
66.0	6 2	41	166.9	55.30	0.79	8.21	6.88	0.17	3.89	0.25	1.46	3.95	0.17	1.73	BROWN CLAY
66.0	7 2	8	175.6	55.10	0.85	9.34	6.73	0.90	3.44	0.51	1.16	4.22	0.36	1.38	BROWN CLAY
66.0	8 5	29	185.3	54.00	0.99	16.30	8.12	0.18	3.55	0.42	1.09	4.17	0.30	1.50	BROWN CLAY
66.0	9 1	146	183.5	52.80	1.00	16.00	9.32	0.11	3.75	0.35	1.62	3.97	0.05	1.69	BROWN CLAY
66.0	9 3	26	190.3	25.90	0.82	6.78	30.80	6.58	2.40	3.06	0.87	1.75	1.28	3.34	FERRUGINOUS CLAY
66.0	9 3	125	191.2	48.70	1.02	13.30	13.20	0.78	3.45	1.56	1.50	3.96	0.86	1.75	FERRUGINOUS CLAY
66.0	9 3	137	191.4	18.50	0.42	4.66	40.60	10.00	0.65	2.07	0.53	1.57	0.84	2.99	FERRUGINOUS CLAY

SITE 70: LAT 6 DEG 20 MIN N; LONG 140 DEG 22 MIN W; DEPTH 5059 M (ANAL. WALLACE)

SAMPLE		DEPTH	SI02	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
70	1 1	98	1.0	52.10	0.43	11.20	4.93	0.10	2.16	1.52	2.02	2.27	0.41	6.23	RAD OOZE
70	1 2	84	2.4	53.70	0.38	10.20	4.54	0.26	2.25	1.27	2.11	2.14	0.48	5.38	RAD OOZE
70	1 3	41	3.4	53.10	0.40	9.30	4.90	1.00	2.27	1.44	1.78	2.08	0.44	5.75	RAD OOZE
70	1 4	88	5.4	59.70	0.33	8.60	4.18	0.17	1.73	1.50	2.00	1.95	0.49	5.32	RAD OOZE
70	1 5	26	6.3	62.20	0.28	7.60	3.39	0.38	1.79	1.51	1.76	1.76	0.52	5.37	RAD OOZE
70	1 6	39	7.9	58.80	0.32	8.30	4.14	0.25	1.68	1.56	1.94	1.95	0.49	6.21	RAD OOZE
70	2 1	101	10.0	65.50	0.22	5.00	2.35	0.77	1.50	3.64	1.33	1.22	0.26	4.70	RAD OOZE
70	2 6	90	17.4	39.80	0.13	3.30	1.59	0.42	0.95	2.44	0.91	0.75	0.39	3.48	RAD OOZE
70	3 1	84	17.8	34.50	0.25	7.0	3.79	1.32	1.52	2.05	1.67	1.70	0.33	5.24	RAD OOZE
70	3 2	94	19.4	64.20	0.24	6.30	3.08	0.04	1.40	1.55	1.68	1.54	0.59	5.24	RAD OOZE
70	3 3	110	21.1	25.60	0.09	2.90	1.56	0.61	0.91	32.40	0.94	0.72	0.33	2.53	RAD NANNO OOZE
70	3 4	35	21.9	40.90	0.17	4.70	2.14	0.38	1.09	18.00	1.25	1.09	0.47	4.09	RAD NANNO OOZE
70	3 5	107	24.1	10.00	0.03	1.20	0.48	0.84	0.28	47.80	0.66	0.29	0.14	1.54	RAD NANNO OOZE
70	4 1	129	27.3	18.90	0.18	1.90	0.85	0.83	0.42	41.40	0.54	0.40	0.16	1.95	RAD NANNO OOZE
70	4 4	76	31.3	29.50	0.05	2.70	1.62	0.26	0.67	30.50	0.81	0.65	0.31	3.08	RAD NANNO OOZE
70	5 1	93	35.9	22.80	0.18	2.10	1.14	1.34	0.49	36.70	0.49	0.46	0.20	2.43	RAD NANNO OOZE
70	5 4	90	40.4	64.30	0.22	6.20	3.42	0.17	1.40	1.63	1.75	1.31	0.51	4.86	RAD OOZE
70	6 3	32	52.3	10.60	0.03	1.20	0.55	0.57	0.26	48.50	0.20	0.20	0.15	1.45	RAD NANNO OOZE
70	6 6	72	55.7	5.70	0.02	0.70	0.48	0.32	0.20	52.00	0.22	0.10	0.09	1.18	RAD NANNO OOZE
70	7 2	132	55.8	23.00	0.09	2.30	1.62	0.14	0.72	31.00	1.10	0.51	0.28	2.72	RAD NANNO OOZE
70	7 5	61	59.6	19.90	0.10	2.30	1.35	0.24	0.64	38.80	1.52	0.45	0.30	2.21	RAD NANNO OOZE
70	8 5	72	63.7	6.50	0.02	0.30	0.40	0.19	0.21	51.10	0.47	0.14	0.08	1.24	RAD NANNO OOZE



SAMPLE		DEPTH	SIC2	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY				
70	10	5	92	87.9	8.20	0.02	1.00	0.47	0.70	0.21	48.60	0.32	0.15	0.10	1.36	RAD	NANNO	CCZE
70	12	5	71	110.7	24.80	0.09	2.40	1.95	0.09	0.65	32.00	0.64	0.53	0.27	2.25	RAD	NANNO	OOZE
70A	1	6	42	120.9	18.20	0.05	1.50	0.71	0.15	0.36	42.20	0.54	0.31	0.17	1.52	RAD	NANNO	CCZE
70A	3	6	92	139.4	28.20	0.12	2.70	2.39	0.09	0.97	32.10	0.92	0.60	0.24	2.46	RAD	NANNO	OOZE
70A	4	4	54	145.0	15.30	0.06	1.30	1.06	0.04	0.45	45.80	0.36	0.22	0.16	1.58	RAD	NANNO	OOZE
70A	5	6	100	157.5	4.15	0.03	0.40	0.16	0.14	0.17	52.20	0.18	0.13	0.07	1.00	RAD	NANNO	CCZE
70A	7	5	5	174.1	5.64	0.04	0.70	0.63	0.12	0.32	49.80	0.26	0.17	0.12	1.10	S-IND	RAD	NANNO OOZE
70A	9	3	21	189.2	3.60	0.04	0.40	0.50	0.06	0.21	50.00	0.11	0.16	0.10	1.01	S-IND	RAD	NANNO OOZE
70A	11	3	40	204.9	3.40	0.03	0.40	0.44	0.03	0.19	51.10	0.09	0.11	0.08	0.85	S-IND	RAD	NANNO OOZE
70A	13	4	114	224.6	4.10	0.03	0.30	0.20	0.08	0.22	55.40	0.19	0.04	0.09	0.76	SEMI-IND	NANNO	OOZE
70A	15	4	23	242.7	11.00	0.05	1.00	0.73	0.15	0.36	44.50	0.34	0.24	0.19	1.17	S-IND	RAC	NANNO OOZE
70A	16	3	135	251.4	4.10	0.03	0.40	0.40	0.09	0.19	56.00	0.18	0.14	0.07	0.76	S-IND	SIL	NANNO OOZE
70A	18	1	110	263.1	74.80	0.12	3.00	2.67	0.34	1.56	1.74	2.14	0.42	0.55	1.66	S-IND	SIL	NANNO OOZE
70A	18	2	54	264.0	32.50	0.11	2.80	2.62	0.16	1.16	25.80	1.03	0.48	0.37	2.00	S-IND	SIL	NANNO OOZE
70A	19	1	33	272.4	29.40	0.04	0.90	1.01	0.11	0.40	34.50	0.43	0.27	0.14	1.47	S-IND	SIL	NANNO OOZE
70A	21	1	112	282.1	19.00	0.05	0.70	0.30	0.12	0.31	42.70	0.29	0.22	0.12	1.18	S-IND	SIL	NANNO CCZE
70A	22	3	38	290.4	11.00	0.04	0.40	0.92	0.15	0.43	49.10	0.24	0.16	0.10	0.99	S-IND	SIL	NANNO CCZE
70A	25	3	106	309.1	12.10	0.04	0.70	0.40	0.11	0.22	52.10	0.24	0.10	0.09	1.01	S-IND	RAC	NANNO OOZE
70A	27	1	116	321.2	12.00	0.03	0.30	1.35	0.27	0.27	42.50	0.22	0.11	0.11	1.05	S-IND	RAC	NANNO OOZE
70A	27	3	23	323.2	66.20	0.16	3.90	5.25	0.93	2.26	1.86	1.30	0.64	0.62	2.34	SEMI-IND	RAC	OOZE

SITE 73: LAT 1 DEG 55 MIN S; LONG 137 DEG 28 MIN W; DEPTH 4387 M (ANAL WALLACE)

SAMPLE		DEPTH	SIC2	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY				
73	1	2	85	2.4	7.10	0.01	0.30	0.25	0.06	0.18	51.50	0.15	0.11	0.06	1.86	SIL	FCRAM/NANNO	OOZE
73	2	4	66	3.2	11.50	0.03	0.30	0.64	0.03	0.31	49.90	0.49	0.32	0.10	1.81	SIL	FORAM/NANNO	OOZE
73	2	3	100	16.0	10.90	0.04	1.20	0.83	0.04	0.34	44.70	0.52	0.22	0.09	2.35	SIL	FCRAM/NANNO	CCZE
73	4	4	102	26.5	13.50	0.03	0.30	0.67	0.04	1.49	47.30	1.46	0.28	0.09	0.31	SIL	FCRAM/NANNO	OOZE
73	5	6	92	39.4	13.80	0.03	1.00	0.79	0.10	0.42	44.60	0.61	0.28	0.12	2.07	SIL	FCRAM/NANNO	OOZE
73	6	2	104	42.5	36.20	0.09	1.70	1.03	0.15	0.73	28.20	0.78	0.60	0.27	2.70	SIL	FCRAM/NANNO	OOZE
73	6	4	98	45.5	36.30	0.07	1.70	1.25	0.08	0.66	27.60	0.77	0.45	0.17	3.24	RAD	NANNO	OOZE
73	7	3	98	53.0	25.60	0.05	1.00	0.79	0.04	0.45	37.80	0.37	0.29	0.12	2.31	RAD	NANNO	CCZE
73	7	6	86	57.4	40.30	0.09	1.70	1.54	0.55	0.81	23.30	0.58	0.56	1.03	3.49	RAD	NANNO	OOZE
73	8	3	88	61.9	26.30	0.07	1.40	1.16	0.10	0.57	34.50	0.59	0.35	0.26	2.11	RAD	NANNO	CCZE
73	8	6	77	66.3	48.20	0.17	4.20	2.65	1.10	1.26	12.20	1.28	1.36	1.67	3.93	RADIOLARIAN	OOZE	
73	9	3	65	70.6	45.10	0.11	2.30	1.91	0.61	0.89	18.70	0.75	0.65	0.65	3.89	RADIOLARIAN	OOZE	
73	9	6	61	75.1	10.50	0.03	1.00	0.78	0.21	0.35	45.90	0.13	0.30	1.00	1.68	RAD	NANNO	OOZE
73	10	4	76	81.3	9.40	0.04	0.90	0.71	0.20	0.35	46.70	0.20	0.20	0.31	1.39	RAD	NANNO	CCZE
73	11	4	78	93.3	6.40	0.02	0.30	0.44	0.15	0.22	49.90	0.11	0.17	0.23	1.25	RAD	NANNO	OOZE
73	12	6	92	148.4	3.20	0.01	0.15	0.23	0.06	0.16	54.70	0.05	0.06	0.08	0.90	NANNO	OOZE	
73	13	2	87	208.4	1.60	0.01	0.20	0.48	0.03	0.16	57.70	0.0	0.02	0.07	0.65	NANNO	OOZE	
73	14	4	92	243.4	3.00	0.02	0.20	0.17	0.06	0.13	53.70	0.05	0.06	0.08	0.73	NANNO	CCZE	
73	15	5	91	258.5	5.50	0.01	0.40	0.34	0.0	0.16	54.10	0.12	0.11	0.15	0.90	NANNO	OOZE	
73	16	6	56	273.1	14.20	0.0	0.20	0.41	0.06	0.11	53.80	0.11	0.08	0.07	0.82	NANNO	OOZE	
73	17	5	92	276.9	6.90	0.01	0.10	0.20	0.10	0.16	50.30	0.22	0.08	0.07	0.86	SILICEOUS	NANNO OOZE	
73	18	6	103	287.5	12.40	0.01	0.10	0.38	0.02	0.19	51.50	0.19	0.13	0.06	0.65	DIATOM	NANNO OOZE	
73	19	3	115	292.1	30.00	0.11	2.10	2.78	0.37	0.89	33.50	0.46	0.49	0.59	1.09	RAC	NANNO	OOZE
73	19	6	97	296.5	23.20	0.10	1.70	2.15	0.25	0.78	31.40	0.39	0.45	1.17	0.98	RAD	NANNO	OOZE
73	20	4	93	300.4	11.50	0.02	0.40	1.44	0.12	0.42	50.60	0.15	0.16	0.18	0.64	RAD	NANNO	CCZE
73	20	5	94	301.9	29.70	0.09	1.70	3.95	0.55	1.08	33.30	0.76	0.52	0.66	1.04	SILICEOUS	LIMESTONE	
73	21	3	93	303.9	8.90	0.03	0.30	3.33	0.51	1.22	46.90	0.31	0.39	0.18	0.51	SILICEOUS	LIMESTONE	

SITE 75: LAT 12 DEG 31 MIN S; LONG 134 DEG 16 MIN W; DEPTH 4181 M (ANAL WALLACE)

SAMPLE		DEPTH	SIC2	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY			
75	1	1	117	1.2	30.10	0.30	5.30	20.00	4.84	1.56	4.55	1.56	0.14	3.39	5.19	ZEOLITIC	RED CLAY
75	1	2	39	1.9	22.80	0.25	5.10	21.10	4.33	1.57	5.66	1.48	1.84	2.28	4.38	ZEOLITIC	RED CLAY
75	1	3	71	3.7	2.80	0.04	0.30	5.19	0.69	0.32	46.70	0.17	0.27	0.27	1.32	NANNO	OOZE WITH CLAY
75	1	4	75	5.3	1.80	0.03	0.36	2.99	0.39	0.21	55.40	0.25	0.17	0.20	0.93	NANNO	OOZE
75	1	5	74	6.7	0.80	0.0	0.06	0.99	0.23	0.14	45.70	0.06	0.16	0.08	0.96	NANNO	OOZE
75	2	2	77	11.3	0.50	0.0	0.08	0.39	0.10	0.13	48.60	0.25	0.06	0.05	0.93	NANNO	OOZE
75	2	4	99	14.5	0.50	0.0	0.0	0.51	0.12	0.12	46.70	0.07	0.04	0.05	0.75	NANNO	OOZE
75	2	6	125	17.8	0.40	0.02	0.0	0.67	0.09	0.08	53.90	0.03	0.07	0.04	0.86	NANNO	OOZE
75	3	3	99	22.0	0.80	0.01	0.25	0.83	0.14	0.10	46.40	0.05	0.08	0.07	0.78	NANNO	OOZE
75	3	6	99	26.5	0.80	0.01	0.10	1.05	0.15	0.13	42.20	0.20	0.11	0.08	0.83	NANNO	OOZE
75	4	3	99	31.0	0.80	0.02	0.10	1.17	0.15	0.13	53.50	0.01	0.09	0.06	0.80	NANNO	OOZE
75	4	6	99	35.5	1.10	0.01	0.34	1.64	0.21	0.12	55.10	0.04	0.08	0.09	0.73	NANNO	OOZE
75	5	2	99	33.5	0.90	0.02	0.24	1.37	0.16	0.12	44.60	0.13	0.08	0.16	0.55	NANNO	OOZE
75	5	4	99	41.5	0.50	0.02	0.04	1.49	0.20	0.12	45.80	0.11	0.08	0.07	0.91	NANNO	OOZE
75	5	6	96	44.5	0.90	0.02	0.30	2.19	0.25	0.17	46.30	0.0	0.12	0.09	1.07	NANNO	OOZE
75	7	4	124	60.7	0.70	0.02	0.03	2.44	0.43	0.14	54.50	0.06	0.07	0.10	0.92	NANNO	OOZE
75	8	3	99	53.0	0.90	0.02	0.24	2.78	0.51	0.18	48.90	0.11	0.09	0.10	0.96	NANNO	OOZE

TABLE 3 - Continued

SAMPLE				DEPTH	SIC2	TIO2	AL2J3	FE2O3	MNJ	MGO	CAU	NA2O	K2O	P2O5	CL	LITHCLCGY
75	8	6	99	72.5	0.50	0.0	0.22	1.57	0.46	0.14	46.80	0.15	0.05	0.07	1.07	NANNO LGZE
75	9	1	92	73.9	0.70	0.01	0.08	0.67	0.14	0.16	54.40	0.10	0.07	0.06	1.25	FERRUG. NANNO OOZE
75	9	2	109	75.6	0.80	0.01	0.25	4.99	2.09	0.27	50.20	0.13	0.04	0.15	1.23	FERRUG. NANNO OOZE
75	9	3	65	76.6	0.50	0.02	0.10	2.83	0.86	0.18	43.10	0.03	0.07	0.13	1.13	FERRUG. NANNO OOZE
75	9	4	25	77.8	0.90	0.02	0.29	4.82	2.11	0.31	51.00	0.31	0.10	0.17	1.04	FERRUG. NANNO OOZE
75	9	5	82	77.8	0.90	0.02	0.24	3.29	1.11	0.20	54.60	0.03	0.07	0.13	0.93	FERRUG. NANNO OOZE
75	9	6	18	80.7	1.10	0.02	0.25	5.30	2.41	0.33	42.70	0.14	0.13	0.22	1.20	FERRUG. NANNO OOZE
SITE 83: LAT 4 DEG 3 MIN N; LONG 95 DEG 44 MIN W; DEPTH 2646 M (ANAL WALLAGE)																
SAMPLE				DEPTH	SIC2	TIO2	AL2J3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLCGY
83	1	4	75	5.6	12.90	0.11	2.30	2.87	0.90	0.59	34.90	0.48	0.31	0.22	2.93	CYCLIC BEDDED COZE
83	2	6	75	13.4	18.50	0.11	2.40	3.56	0.39	1.29	28.20	0.65	0.52	0.20	4.01	CYCLIC BEDDED COZE
83A	2	6	75	30.4	20.60	0.17	3.20	4.86	0.79	2.35	25.90	0.60	0.69	0.27	4.77	CYCLIC BEDDED COZE
83A	3	6	75	33.6	18.90	0.12	2.70	4.20	1.02	1.51	24.30	0.56	0.74	0.29	4.50	CYCLIC BEDDED COZE
83A	4	6	75	43.8	24.50	0.16	3.40	4.07	1.07	2.62	22.30	0.90	0.80	0.27	4.56	CYCLIC BEDDED COZE
83A	5	6	90	53.0	30.30	0.19	4.00	3.87	0.59	2.72	15.00	1.03	0.80	0.29	4.70	CYCLIC BEDDED COZE
83A	6	6	80	67.1	40.60	0.24	5.40	6.27	0.46	4.39	8.75	1.29	1.33	0.29	6.40	CYCLIC BEDDED COZE
83A	7	6	80	76.2	43.30	0.28	5.30	5.35	0.86	4.19	6.25	1.58	1.21	0.29	6.03	CYCLIC BEDDED COZE
83A	8	6	70	85.3	34.10	0.12	2.40	4.27	0.45	3.10	18.20	0.74	0.63	0.19	5.06	CYCLIC BEDDED COZE
83A	5	6	75	94.4	13.20	0.03	1.30	1.57	0.44	0.75	36.10	0.37	0.27	0.20	2.62	CYCLIC BEDDED COZE
83A	10	6	40	103.3	29.10	0.10	2.60	3.07	0.39	1.56	24.20	0.80	0.43	0.22	3.98	CYCLIC BEDDED COZE
83A	11	6	80	112.8	22.70	0.04	1.30	1.53	0.61	0.85	31.30	0.54	0.34	0.15	2.75	CYCLIC BEDDED COZE
83A	12	6	75	121.9	36.90	0.09	2.00	3.28	1.25	3.22	17.50	0.94	0.41	0.17	3.55	CYCLIC BEDDED COZE
83	5	6	75	144.4	29.20	0.01	1.40	2.66	0.60	1.40	27.30	0.45	0.20	0.19	3.19	CYCLIC BEDDED COZE
83A	14	6	74	166.3	22.70	0.0	0.30	1.27	0.46	0.52	34.80	0.18	0.08	0.11	2.34	CYCLIC BEDDED COZE
83A	15	6	75	187.7	32.10	0.04	1.20	2.99	0.46	1.15	26.20	0.42	0.13	0.12	2.99	CYCLIC BEDDED COZE
83	6	6	75	210.6	16.20	0.0	0.30	2.12	0.35	0.80	37.00	0.39	0.19	0.19	2.03	CYCLIC BEDDED COZE
83A	16	6	75	219.4	11.90	0.0	0.00	1.17	0.38	0.61	39.90	0.25	0.08	0.15	2.04	CYCLIC BEDDED COZE
83	7	6	75	230.1	45.70	0.05	1.30	4.36	0.20	2.69	16.10	0.67	0.45	0.16	3.31	FERRUGINOUS CHALK
SITE 84: LAT 5 DEG 45 MIN N; LONG 82 DEG 53 MIN W; DEPTH 3056 M (ANAL. WALLAGE)																
SAMPLE				DEPTH	SIC2	TIO2	AL2J3	FE2O3	MNC	MGO	CAU	NA2O	K2O	P2O5	CL	LITHCLCGY
84	1	6	75	3.3	42.00	0.67	12.40	5.36	0.14	2.97	9.56	1.53	1.37	0.14	3.27	RAD-CLAY-NANNO OOZE
84	2	3	120	13.3	56.20	0.76	14.90	5.78	0.20	1.78	4.13	3.49	3.09	0.29	1.43	VOLCANIC ASH
84	2	6	75	17.4	41.40	0.68	12.00	5.51	0.28	2.56	11.40	1.69	1.15	0.12	3.21	RAD-CLAY-NANNO OOZE
84	3	6	75	25.4	42.10	0.68	12.40	6.25	0.27	2.53	11.10	1.64	1.20	0.13	3.17	RAD-CLAY-NANNO OOZE
84	4	4	0	31.9	41.10	0.61	11.40	5.78	0.42	2.27	11.00	1.42	1.05	0.13	3.02	VOLCANIC ASH
84	4	6	75	35.6	49.00	0.68	12.20	5.37	0.24	2.29	6.26	1.75	1.22	0.12	3.77	RAD-CLAY-NANNO OOZE
84	5	6	75	44.9	41.40	0.54	10.30	4.62	0.18	1.86	13.80	1.57	1.16	0.13	3.16	RAD-CLAY-NANNO OOZE
84	6	4	75	50.9	41.80	0.52	9.40	3.57	0.27	1.79	14.50	1.24	0.99	0.14	3.39	RAD-CLAY-NANNO OOZE
84	7	2	85	57.3	40.40	0.51	10.40	4.92	0.27	1.80	14.20	1.32	1.11	0.14	2.74	VOLCANIC ASH
84	7	6	75	63.1	41.40	0.58	11.30	4.90	0.17	2.08	12.90	1.50	1.17	0.15	3.09	RAD-CLAY-NANNO OOZE
84	8	5	62	70.6	63.40	0.18	12.00	2.34	0.07	0.31	2.19	3.37	4.12	0.08	0.63	VOLCANIC ASH
84	8	6	75	72.3	45.10	0.61	11.90	5.26	0.25	2.06	10.60	1.56	1.17	0.17	3.28	RAD-CLAY-NANNO OOZE
84	9	6	87	81.6	45.50	0.61	11.90	5.54	0.27	2.02	7.60	1.46	1.23	0.14	3.20	RAD-CLAY-NANNO OOZE
84	10	6	75	90.6	38.10	0.47	9.50	3.96	0.31	2.39	17.50	1.07	0.91	0.17	2.92	RAD-CLAY-NANNO OOZE
84	12	6	75	108.9	34.30	0.34	6.30	2.67	0.19	1.38	24.10	1.41	0.69	0.12	1.89	RAD-CLAY-NANNO OOZE
84	13	6	75	117.9	35.40	0.34	7.20	2.87	0.08	1.45	22.20	1.23	0.76	0.17	2.71	RAD-CLAY-NANNO OOZE
84	14	6	80	127.2	43.50	0.37	8.00	3.66	0.13	1.51	16.00	1.21	0.62	0.12	2.95	RAD-CLAY-NANNO OOZE
84	15	1	5	128.1	34.40	0.36	7.40	2.61	0.08	1.53	24.10	0.99	0.81	0.16	2.79	RAD-CLAY-NANNO OOZE
84	16	6	65	145.4	20.20	0.19	4.20	1.31	0.09	0.94	37.10	0.72	0.15	0.18	1.65	RAD-CLAY-NANNO OOZE
84	17	3	75	150.1	31.20	0.27	5.90	1.87	0.0	1.41	29.50	0.22	0.62	0.13	2.35	RAD-CLAY-NANNO OOZE
84	18	4	75	160.7	16.60	0.17	3.90	1.78	0.0	0.86	41.00	0.63	0.36	0.16	1.65	RAD-CLAY-NANNO OOZE
84	19	6	75	172.9	17.90	0.12	2.70	0.59	0.05	0.74	40.30	0.46	0.34	0.16	1.56	RAD-CLAY-NANNO OOZE
84	20	6	75	181.9	15.70	0.08	2.30	0.18	0.0	0.54	44.70	0.24	0.16	0.11	1.53	RAD-CLAY-NANNO OOZE
84	21	5	75	189.6	17.70	0.12	2.30	0.73	0.0	1.51	42.80	0.58	0.09	0.11	1.77	RAD-CLAY-NANNO OOZE
84	22	6	75	200.2	23.30	0.17	3.90	1.52	0.19	0.93	36.40	0.14	0.23	0.13	2.51	RAD-CLAY-NANNO OOZE
84	23	4	75	206.4	22.50	0.18	4.00	1.58	0.0	1.26	35.40	0.68	0.38	0.12	1.80	RAD-CLAY-NANNO OOZE
84	24	4	75	215.6	22.30	0.07	1.80	1.75	0.12	0.92	38.50	0.58	0.32	0.13	1.46	RAD-CLAY-NANNO OOZE
84	25	4	75	224.7	24.50	0.05	1.60	0.0	0.23	0.70	39.60	0.37	0.06	0.14	1.63	RAD-CLAY-NANNO OOZE
84	26	6	75	236.9	10.30	0.03	1.20	0.0	0.0	0.67	48.90	0.23	0.08	0.15	1.12	RAD-CLAY-NANNO OOZE
SITE 92: LAT 25 DEG 51 MIN N; LONG 91 DEG 49 MIN W; DEPTH 2573 M; (ANAL. LI)																
SAMPLE				DEPTH	SIC2	TIO2	AL2J3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLCGY
92	2	2	86	31.4	48.90	0.61	14.40	5.82	0.11	3.43	6.47	1.24	2.42	0.17	0.94	SILTY CLAY
92	2	5	78	35.8	51.90	0.68	15.00	5.70	0.10	3.51	5.72	1.35	2.99	0.16	0.74	SILTY CLAY
92	3	3	82	90.8	49.50	0.70	14.80	5.73	0.08	3.26	7.92	1.12	2.87	0.20	0.86	SILTY CLAY
92	4	3	82	128.8	47.80	0.66	13.90	5.54	0.10	2.74	7.78	1.24	2.98	0.22	0.90	SILTY CLAY

SAMPLE	DEPTH	SIG2	TIU2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
92 4 5 73	131.7	50.50	0.67	14.40	5.20	0.07	3.53	6.94	1.44	2.91	0.17	0.89	SILTY CLAY
92 5 5 81	170.8	51.40	0.70	16.30	6.00	0.09	2.55	4.40	1.56	2.86	0.17	1.62	SILTY CLAY
92 5 6 98	131.5	49.70	0.70	16.20	5.84	0.10	2.73	4.93	2.71	2.38	0.18	1.52	SILTY CLAY
92 6 2 80	222.3	47.20	0.61	13.00	4.86	0.08	3.04	5.14	1.49	2.42	0.22	1.75	SILTY CLAY
92 7 1 140	259.5	53.40	0.61	20.10	6.14	0.02	1.72	0.24	1.55	2.41	0.17	1.58	CLAYSTONE / MUDSTONE
92 8 1 97	263.0	61.70	0.95	17.30	4.85	0.03	1.29	0.18	1.23	1.95	0.09	1.90	CLAYSTONE / MUDSTONE
92 9 3 86	268.9	56.30	0.64	16.00	6.34	0.26	2.80	0.48	1.36	2.65	0.17	1.41	CLAYSTONE / MUDSTONE
92 10 CC	273.0	51.30	0.64	16.20	6.60	3.61	2.19	0.58	1.82	2.65	0.17	2.25	CLAYSTONE / MUDSTONE
92 11 2 93	233.4	57.10	0.80	18.30	6.74	0.45	2.26	0.45	1.33	3.05	0.16	0.60	CLAYSTONE / MUDSTONE

SITE 94: LAT 24 DEG 32 MIN N; LONG 88 DEG 28 MIN W; DEPTH: 1793 M (ANAL TERRANA)

SAMPLE	DEPTH	SIG2	TIU2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
94 1 1 145	1.5	15.80	0.15	3.86	1.98	0.11	1.27	39.50	0.56	0.62	0.16	1.16	FORAM-NANNO OOZE
94 1 2 30	1.8	35.20	0.37	8.66	3.15	0.17	2.73	23.90	0.78	1.89	0.14	1.16	FORAM-NANNO OOZE
94 2 2 90	54.4	8.93	0.10	3.10	0.93	0.09	1.01	47.10	0.28	0.41	0.22	0.92	FORAM-NANNO OOZE
94 2 6 91	60.4	8.44	0.06	1.96	0.69	0.08	0.69	45.30	0.60	0.29	0.22	0.66	FORAM-NANNO OOZE
94 3 6 49	103.0	9.06	0.06	1.96	0.71	0.05	0.73	44.20	0.43	0.27	0.30	0.81	FORAM-NANNO OOZE
94 4 5 80	135.9	6.06	0.04	1.90	0.55	0.05	0.66	38.10	0.21	0.25	0.18	0.86	FORAM-NANNO OOZE
94 5 6 91	170.4	8.11	0.13	1.70	0.81	0.04	0.92	47.00	0.33	0.30	0.18	0.71	FORAM-NANNO OOZE
94 6 6 95	215.5	9.53	0.07	1.96	0.79	0.05	1.09	48.60	0.40	0.33	0.14	0.53	FORAM-NANNO OOZE
94 7 5 87	243.9	10.50	0.10	1.32	0.95	0.06	1.19	47.50	0.44	0.42	0.20	0.67	FORAM-NANNO OOZE
94 8 5 85	257.9	11.50	0.11	2.61	0.98	0.07	1.50	40.80	0.59	0.46	0.23	0.49	FORAM-NANNO OOZE
94 5 3 90	293.9	9.60	0.06	1.14	0.62	0.08	0.60	50.20	0.24	0.22	0.18	0.90	FORAM-NANNO OOZE
94 5 6 91	303.4	5.56	0.07	1.57	0.60	0.05	0.70	48.20	0.42	0.34	0.18	0.70	FORAM-NANNO OOZE
94 10 3 50	334.5	29.20	0.08	1.35	0.70	0.04	0.68	27.50	0.54	0.34	0.22	0.70	FORAM-NANNO OOZE
94 11 6 89	368.4	7.80	0.02	0.88	0.34	0.06	0.39	51.30	0.19	0.19	0.16	0.99	FORAM-NANNO OOZE
94 12 2 38A	371.1	34.50	0.06	5.98	1.25	0.04	0.40	31.60	1.36	1.85	0.12	0.92	VOLCANIC ASH
94 12 4 88	374.4	11.50	0.03	1.17	0.32	0.09	0.41	46.60	0.28	0.28	0.14	0.70	FORAM-NANNO OOZE
94 13 3 73	381.7	12.50	0.05	1.43	0.40	0.09	0.51	35.70	0.43	0.38	0.14	0.68	FORAM-NANNO OOZE
94 14 4 87	412.4	10.20	0.12	2.40	0.54	0.08	0.63	48.10	0.39	0.30	0.14	0.59	FORAM-NANNO OOZE
94 16 3 52	421.5	15.20	0.06	1.35	0.53	0.11	0.59	32.40	0.44	0.27	0.18	0.53	FORAM-NANNO OOZE
94 17 4 130A	423.9	46.60	0.00	7.72	0.96	0.06	0.36	22.20	1.80	2.78	0.04	0.70	VOLCANIC ASH
94 18 4 26	437.8	16.20	0.04	0.95	0.43	0.04	0.60	43.80	0.30	0.20	0.11	0.60	FORAM-NANNO CHALK
94 19 5 120A	443.3	51.50	0.04	8.26	1.63	0.02	0.33	1.73	2.15	3.18	0.04	0.83	VOLCANIC ASH
94 20 3 81	454.8	18.20	0.10	1.17	0.32	0.05	0.99	42.20	0.39	0.20	0.10	0.69	FORAM-NANNO CHALK
94 20 4 02A	456.1	16.70	0.02	1.18	0.80	0.02	0.52	45.30	0.42	0.23	0.08	1.06	VOLCANIC ASH
94 22 2 50A	471.1	42.60	0.08	7.98	1.52	0.06	0.46	24.90	1.76	2.55	0.04	0.71	VOLCANIC ASH
94 22 4 90	474.4	17.80	0.06	0.68	0.28	0.04	0.68	38.60	0.29	0.20	0.10	0.65	FORAM-NANNO CHALK
94 24 3 25A	493.3	59.40	0.12	8.65	1.25	0.04	0.39	12.80	2.26	2.96	0.06	0.78	VOLCANIC ASH
94 25 3 55	493.6	40.80	0.03	1.41	0.58	0.08	0.56	28.80	0.38	0.28	0.11	1.33	FORAM-NANNO CHALK
94 27 1 147	503.5	42.70	0.04	1.06	0.50	0.04	0.53	27.80	0.85	0.34	0.08	0.81	FORAM-NANNO CHALK
94 28 2 11	533.6	44.80	0.28	4.56	1.79	0.06	0.77	22.00	1.37	0.69	0.16	1.00	FORAM-NANNO CHALK
94 29 1 149	552.5	49.50	0.06	1.55	0.67	0.11	0.88	21.50	0.57	0.35	0.10	0.87	FORAM-NANNO CHALK
94 30 1 02	571.6	48.10	0.06	1.91	0.63	0.06	0.86	21.60	0.63	0.52	0.10	0.94	FORAM-NANNO CHALK
94 30 2 26A	572.8	48.20	0.12	6.33	1.16	0.08	0.63	21.00	1.68	1.95	0.06	1.08	VOLCANIC ASH
94 32 2 107	611.0	7.70	0.05	1.24	0.53	0.12	1.04	36.00	0.33	0.36	0.12	0.40	FORAM-NANNO CHALK
94 34 1 57A	610.6	52.40	0.22	10.70	1.24	0.10	1.22	13.50	2.92	3.17	0.10	0.87	VOLCANIC ASH
94 34 3 59	613.6	6.53	0.06	1.95	0.38	0.11	0.85	35.80	0.42	0.37	0.14	0.54	FORAM-NANNO CHALK
94 35 1 146	626.5	33.00	0.16	8.34	2.15	0.02	2.63	25.20	1.18	1.04	0.18	0.39	CLAYEY CHALK
94 36 1 105	623.1	18.00	0.22	4.74	1.98	0.02	1.51	40.40	0.61	1.24	0.18	0.45	CLAYEY CHALK
94 39 1 149	544.5	3.60	0.04	0.45	0.06	0.02	0.84	59.50	0.24	0.08	0.02	0.13	DOLOMITE, CALCARENITE

SITE 98: LAT 25 DEG 3 MIN N; LONG 77 DEG 13 MIN W; DEPTH: 2769 M (ANAL WALLACE)

SAMPLE	DEPTH	SIG2	TIU2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
98 1 1 142	1.4	13.30	0.17	4.48	1.92	0.13	1.58	38.80	0.62	0.84	0.12	1.32	FORAM-NANNO OOZE
98 1 5 51	0.5	9.80	0.14	3.29	1.40	0.11	1.42	41.50	0.59	0.55	0.12	1.19	FORAM-NANNO OOZE
98 2 3 81	12.8	6.10	0.08	2.30	0.83	0.11	0.94	46.80	0.31	0.31	0.13	0.55	FORAM-NANNO OOZE
98 2 6 110	17.6	9.00	0.13	3.43	1.21	0.11	0.85	45.30	0.32	0.48	0.12	0.94	FORAM-NANNO OOZE
98 3 3 97	22.0	7.60	0.09	2.35	1.14	0.13	0.94	46.10	0.31	0.43	0.11	0.95	FORAM-NANNO OOZE
98 3 6 00	25.2	6.90	0.03	2.30	1.03	0.12	1.00	46.40	0.29	0.40	0.10	0.88	FORAM-NANNO OOZE
98 4 3 96	59.0	14.50	0.20	5.34	1.61	0.07	1.06	38.10	0.42	0.75	0.09	0.88	FORAM-NANNO OOZE
98 4 6 97	63.5	9.20	0.12	3.14	1.06	0.09	0.83	44.10	0.36	0.48	0.12	0.88	FORAM-NANNO OOZE
98 5 2 69	93.2	13.50	0.06	1.30	0.61	0.05	0.86	43.70	0.00	0.27	0.17	1.28	FORAM-NANNO OOZE
98 5 4 96	93.5	10.00	0.09	2.26	0.69	0.04	1.05	45.70	0.29	0.43	0.21	0.80	FORAM-NANNO OOZE
98 6 2 64	132.1	6.30	0.04	1.38	0.39	0.05	0.50	47.20	0.18	0.17	0.09	1.11	NANNO OOZE
98 6 3 96	137.0	8.10	0.05	1.45	0.40	0.08	0.60	47.50	0.26	0.19	0.09	0.81	NANNO OOZE
98 8 3 80	210.8	16.80	0.03	1.55	0.40	0.05	0.56	43.20	0.27	0.19	0.08	1.06	NANNO OOZE
98 9 2 64	213.1	18.00	0.05	1.72	0.52	0.05	0.69	41.60	0.23	0.23	0.09	0.78	FORAM-NANNO OOZE
98 10 1 120	223.2	8.60	0.08	2.15	0.67	0.07	0.88	46.40	0.42	0.49	0.10	0.34	NANNO CHALK
98 11 2 87	233.4	17.70	0.19	4.26	1.16	0.03	0.94	35.20	0.64	1.19	0.12	0.54	FORAM-NANNO OOZE

TABLE 3 - Continued

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
98 12 1	87 240.9	8.70	0.09	2.62	0.83	0.04	0.76	47.50	0.32	0.66	0.19	0.54	FCRAM-NANNC COZE
SITE 100: LAT 24 DEG 41 MIN N; LONG 73 DEG 48 MIN W; DEPTH 5325 M (ANAL WALLACE)													
SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
100 8 1	119 287.2	27.30	0.55	7.23	4.39	0.06	1.52	33.00	0.54	2.05	0.12	0.30	LIMESTONE
100 9 2	66 304.2	18.13	0.42	5.08	4.09	0.17	1.25	37.30	0.37	1.29	0.11	0.22	LIMESTONE
100 10 1	104 312.0	33.10	0.82	8.78	6.52	0.10	2.29	24.10	0.59	2.43	0.14	0.35	LIMESTONE
SITE 101: LAT 25 DEG 12 MIN N; LONG 74 DEG 25 MIN W; DEPTH 4808 M (ANAL BUDD)													
SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
101 4 1	50 250.5	49.80	0.81	18.70	7.52	0.12	2.02	4.06	1.15	2.66	0.12	0.71	MUDSTONE
101 5 1	54 303.5	57.40	0.80	17.70	7.96	0.06	2.58	1.41	1.37	2.71	0.08	0.83	CLAYSTONE
101 5 2	82 310.3	53.60	0.72	16.30	7.40	0.04	2.56	4.83	1.32	2.83	0.10	0.85	CLAYSTONE
101A 6 1	99 381.0	50.90	0.84	18.10	7.20	0.74	2.14	0.99	1.04	3.19	0.12	0.41	CLAYSTONE
101A 7 1	133 461.3	63.10	0.73	15.30	6.96	0.08	2.16	0.80	1.27	2.97	0.12	0.43	CLAYSTONE
101A 8 1	12 534.1	62.50	0.68	15.00	6.98	0.12	2.41	0.93	1.07	2.78	0.10	0.43	CLAYSTONE
101A 8 2	70 536.2	60.30	0.73	15.00	7.15	0.29	2.52	0.75	1.13	2.74	0.14	0.47	CLAYSTONE
101A 9 1	87 599.9	4.00	0.02	1.15	0.65	0.18	0.51	53.80	0.09	0.22	0.04	0.14	LIMESTONE
101A 10 1	57 636.0	28.90	0.33	6.53	3.45	0.08	1.82	26.70	0.44	1.49	0.19	0.46	LIMESTONE
SITE 102: LAT 30 DEG 44 MIN N; LONG 74 DEG 27 MIN W; DEPTH 3426 M (ANAL LI)													
SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
102 1 1	17 0.2	37.60	0.60	11.30	4.75	0.09	2.36	17.60	1.50	2.19	0.19	1.66	FCRAM-NANNC COZE
102 1 6	80 8.3	46.70	0.73	14.30	6.01	0.15	3.50	8.29	1.59	3.08	0.18	1.80	FEMI. SILTY CLAY
102 2 3	78 21.8	53.70	0.78	15.50	6.46	0.16	3.00	3.99	1.86	3.35	0.18	1.78	FEMI. SILTY CLAY
102 2 6	80 26.3	48.50	0.64	13.50	5.51	0.17	2.59	8.01	1.57	2.83	0.17	2.09	FEMI. SILTY CLAY
102 3 2	68 63.2	49.00	0.74	14.50	5.68	0.14	2.41	7.50	1.62	2.75	0.16	1.42	FEMI. SILTY CLAY
102 4 1	124 97.2	36.60	0.56	11.30	5.38	0.16	2.26	17.80	1.24	2.35	0.24	1.50	FEMI. SILTY CLAY
102 4 4	72 101.2	49.90	0.84	17.30	7.71	0.11	2.89	3.29	1.45	3.62	0.19	0.94	FEMI. SILTY CLAY
102 5 6	78 141.3	37.20	0.64	14.20	5.89	0.21	3.15	9.94	2.11	2.93	0.18	1.07	FEMI. SILTY CLAY
102 6 6	103 180.5	41.50	0.61	12.50	5.66	0.36	2.46	13.40	1.41	2.43	0.16	1.18	FEMI. SILTY CLAY
102 7 6	77 189.3	50.50	0.82	17.50	6.71	0.17	3.23	3.74	2.30	3.35	0.17	0.61	FEMI. SILTY CLAY
102 8 1	84 219.8	45.30	0.73	14.50	6.61	0.13	2.66	7.91	2.23	2.99	0.16	0.38	FEMI. SILTY CLAY
102 9 6	70 274.2	42.00	0.75	15.50	6.50	0.17	2.85	9.11	1.19	3.03	0.19	0.75	FEMI. SILTY CLAY
102 10 6	65 314.2	48.60	0.74	15.30	6.86	0.16	2.53	5.08	1.03	2.74	0.17	0.66	FEMI. SILTY CLAY
102 11 3	73 326.7	47.10	0.71	15.10	6.41	0.20	2.42	8.33	0.94	2.58	0.21	0.81	FEMI. SILTY CLAY
102 12 4	77 424.3	47.60	0.68	15.30	6.10	0.30	2.22	7.82	0.37	2.55	0.17	1.34	FEMI. SILTY CLAY
102 13 4	75 478.2	49.20	0.72	15.20	6.49	0.23	2.44	6.48	0.88	2.52	0.48	0.89	FEMI. SILTY CLAY
102 14 2	34 513.8	45.50	0.66	14.20	5.85	0.28	2.21	10.00	0.58	2.45	0.28	0.53	FEMI. SILTY CLAY
102 15 1	77 543.8	40.40	0.66	13.30	5.97	0.27	2.20	11.50	0.55	2.39	0.22	0.58	FEMI. SILTY CLAY
102 16 1	65 584.6	50.30	0.70	14.70	6.06	0.24	2.44	6.55	1.04	2.37	0.45	0.80	FEMI. SILTY CLAY
102 17 1	70 613.7	50.30	0.68	14.20	6.21	0.24	2.39	6.75	1.44	2.41	0.27	0.65	FEMI. SILTY CLAY
102 18 1	68 634.7	48.20	0.70	14.30	6.04	0.32	2.16	6.77	1.00	2.46	0.17	0.39	FEMI. SILTY CLAY
102 18 4	80 639.3	48.70	0.77	17.00	6.40	0.26	2.25	3.18	1.02	2.48	0.14	0.54	FEMI. SILTY CLAY
102 19 1	67 659.7	47.00	0.70	17.10	5.94	0.39	2.12	7.09	0.51	2.29	0.15	0.52	FEMI. SILTY CLAY
SITE 104: LAT 30 DEG 50 MIN N; LONG 74 DEG 20 MIN W; DEPTH 3811 M (ANAL LI)													
SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
104 1 1	68 0.7	63.20	0.80	13.20	4.73	0.06	2.51	2.53	1.47	2.86	1.06	1.92	FEMI. SILTY CLAY
104 1 2	70 2.2	53.40	0.76	13.30	6.07	0.05	2.37	3.30	1.21	2.52	1.31	2.24	FEMI. SILTY CLAY
104 1 3	70 3.7	56.00	0.76	13.50	5.86	0.34	2.72	1.79	1.40	2.90	1.06	1.76	FEMI. SILTY CLAY
104 1 6	72 8.2	56.50	0.84	15.50	5.40	0.06	2.47	0.63	0.87	2.76	0.18	1.78	FEMI. SILTY CLAY
104 2 3	69 39.7	45.00	0.71	14.90	6.09	0.12	2.10	8.40	0.56	2.48	0.15	1.49	FEMI. SILTY CLAY
104 2 6	66 44.2	48.50	0.77	17.20	5.97	0.12	2.34	5.06	0.65	2.90	0.13	1.38	FEMI. SILTY CLAY
104 3 3	70 63.7	50.10	0.69	14.50	5.41	0.17	2.55	3.14	1.13	2.32	0.18	2.50	FEMI. SILTY CLAY
104 3 6	65 73.2	51.00	0.67	13.30	4.72	0.13	2.80	3.92	1.13	2.27	0.25	2.36	FEMI. SILTY CLAY
104 4 3	73 136.7	51.50	0.73	15.40	6.05	0.17	2.75	3.69	0.82	2.47	0.18	1.12	FEMI. SILTY CLAY
104 4 6	79 141.3	54.80	0.71	14.40	5.44	0.07	3.01	1.48	1.02	2.44	0.31	1.85	FEMI. SILTY CLAY
104 6 3	89 222.9	51.30	0.60	13.70	4.59	0.16	2.27	5.73	0.67	1.97	0.29	1.05	FEMI. SILTY CLAY
104 6 6	71 227.2	51.70	0.63	13.50	5.49	0.59	2.69	3.85	0.71	2.03	0.54	1.07	FEMI. SILTY CLAY
104 7 1	90 306.9	51.00	0.61	13.30	4.94	0.21	2.42	5.85	0.69	2.08	0.75	0.81	FEMI. SILTY CLAY
104 7 4	77 311.3	48.70	0.58	12.20	4.93	0.23	2.07	5.65	0.53	1.85	0.57	0.90	FEMI. SILTY CLAY
104 8 5	107 403.1	49.00	0.58	12.60	4.86	0.15	1.84	8.46	1.12	1.89	0.30	0.57	FEMI. SILTY CLAY
104 5 1	68 495.7	48.60	0.58	11.90	4.29	0.08	2.03	10.40	0.52	1.68	0.58	0.92	FEMI. SILTY CLAY
104 5 3	87 498.9	48.90	0.53	11.70	4.14	0.12	2.14	6.82	0.80	1.72	0.28	1.11	FEMI. SILTY CLAY
104 10 1	38 615.4	13.00	0.15	3.65	6.21	0.27	12.80	25.30	0.21	0.46	0.14	0.08	FEMI. SILTY CLAY



SITE 105: LAT 34 DEG 54 MIN N; LONG 69 DEG 13 MIN W; DEPTH 5261 M (ANAL BUDD)

SAMPLE	DEPTH	SIC2	TI02	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
105 1 CC	1.0	40.90	0.56	5.49	4.54	0.08	2.03	16.90	1.21	1.96	0.14	1.48	MUD
105 2 1 104S	32.0	70.20	0.34	11.00	2.68	0.04	1.44	5.24	3.12	1.94	0.14	0.46	SAND
105 2 2 77	33.3	27.00	0.36	6.66	3.64	0.11	1.74	27.10	1.18	1.51	0.24	1.02	MUD
105 2 3 125D	35.3	49.30	0.86	17.40	7.80	0.10	2.90	2.89	1.30	3.52	0.20	0.88	MUD
105 3 2 91	93.4	47.10	0.78	17.20	6.88	0.24	2.49	3.72	1.23	3.08	0.20	1.01	MUD
105 3 4 50	96.4	54.40	0.80	17.70	7.81	0.68	2.94	0.72	1.34	3.15	0.22	0.78	MUD
105 4 2 91	186.4	56.10	0.80	18.20	7.44	0.08	2.45	0.29	1.22	2.95	0.16	0.81	ZEOL. CLAYSTONE
105 4 4 70	189.2	56.50	0.78	16.90	7.94	0.56	2.32	0.46	1.22	2.85	0.16	0.76	ZEOL. CLAYSTONE
105 4 6 92	192.4	58.20	0.84	18.50	6.00	0.30	2.11	0.49	1.24	2.82	0.16	0.62	ZEOL. CLAYSTONE
105 5 1 135D	242.4	57.20	0.77	17.40	6.41	0.57	2.88	0.63	1.04	2.30	0.24	0.77	ZEOL. CLAYSTONE
105 5 2 71LT	243.2	56.80	0.59	16.80	6.06	0.11	3.23	0.66	1.47	2.79	0.24	0.85	ZEOL. SILTSTONE
105 5 3 62DK	244.6	55.40	0.54	14.10	4.50	0.39	2.70	1.47	1.57	3.80	0.90	0.75	ZEOL. SILTSTONE
105 6 1 109L	251.1	54.30	0.80	17.70	6.38	0.08	2.57	0.46	1.03	2.67	0.14	0.70	CLAY
105 6 2 33DK	251.8	52.20	0.86	18.40	6.77	0.75	2.69	0.65	1.08	2.73	0.27	0.54	CLAY
105 8 1 96DK	269.0	54.50	0.91	20.20	6.70	0.93	1.81	0.49	0.81	2.53	0.20	0.69	CLAY
105 8 2 28YL	269.8	80.40	1.33	6.54	3.13	0.76	0.62	0.24	0.41	1.61	0.08	0.37	YELLOW CLAY
105 8 3 108D	272.1	52.60	0.96	21.40	6.61	0.62	1.73	0.28	0.94	2.23	0.16	0.66	CLAY
105 8 4 141D	273.9	53.00	0.63	20.30	4.22	3.20	2.47	0.42	1.29	1.88	0.10	0.86	CLAY
105 8 5 50	274.5	53.50	0.90	21.10	7.26	0.32	1.84	0.38	0.51	2.72	0.12	0.72	CLAY
105 9 1 53DK	286.5	59.80	0.91	17.60	6.71	0.69	1.36	0.63	0.66	2.54	0.30	0.49	CLAY
105 9 2 127G	288.8	54.40	0.80	19.40	7.81	0.08	2.29	0.48	1.03	3.46	0.16	0.54	GREEN ZEOL. CLAYSTONE
105 9 3 42YL	289.4	45.20	0.56	13.30	23.20	0.13	2.42	0.39	0.89	2.45	0.22	0.70	YELLOW ZEOL. CLAYST.
105 9 4 49DK	291.0	38.50	0.43	9.30	6.49	0.44	1.00	0.48	1.51	2.96	0.16	0.32	ZEOLITIC CLAYSTONE
105 9 5 115L	293.2	56.60	0.81	17.30	7.42	0.11	2.39	0.49	1.20	2.56	0.12	0.52	ZEOLITIC CLAYSTONE
105 10 2 51GN	297.0	58.40	0.81	18.10	6.69	0.06	2.42	0.30	1.29	2.77	0.10	0.54	GREEN ZEOL. CLAYSTONE
105 11 2 38	305.9	31.70	0.37	7.90	2.38	0.10	1.14	22.40	1.05	1.61	0.10	0.41	ZEOLITIC CLAYSTONE
105 11 3 127G	303.3	59.40	0.68	15.80	6.04	0.08	2.64	0.48	1.65	2.79	0.10	0.54	GREEN ZEOL. CLAYSTONE
105 11 5 78	310.8	57.60	0.65	14.90	5.80	0.08	2.62	2.17	1.72	2.80	0.08	0.53	GREEN ZEOL. CLAYSTONE
105 12 2 95	315.5	37.00	0.40	8.60	3.59	0.23	1.42	22.60	1.23	1.74	0.06	0.53	GREEN ZEOL. CLAYSTONE
105 12 3 37	316.4	58.60	0.72	15.20	5.92	0.08	2.16	1.07	1.77	2.78	0.08	0.56	GREEN ZEOL. CLAYSTONE
105 12 4 70	318.2	59.60	0.69	15.20	5.68	0.08	2.06	0.81	1.71	2.78	0.08	0.62	GREEN ZEOL. CLAYSTONE
105 14 1 115	349.2	59.40	0.71	16.20	6.20	0.04	2.32	0.48	1.62	2.86	0.10	0.66	GREEN ZEOL. CLAYSTONE
105 15 2 102	363.5	57.10	0.64	14.30	5.65	0.02	1.85	0.58	1.78	3.12	0.10	0.72	GREEN ZEOL. CLAYSTONE
105 15 4 72	371.2	54.30	0.65	15.10	5.96	0.02	1.95	0.44	1.88	2.83	0.10	0.54	GREEN ZEOL. CLAYSTONE
105 15 6 93	374.4	58.50	0.72	15.70	5.87	0.04	2.32	0.73	1.72	3.03	0.10	0.61	GREEN ZEOL. CLAYSTONE
105 16 2 89	387.4	56.70	0.64	14.30	5.57	0.04	2.04	0.72	1.78	2.83	0.12	0.64	BLACK ZEOL. CLAYST.
105 17 2 97	405.5	15.00	0.16	4.33	1.56	0.08	0.76	35.60	0.47	0.79	0.14	0.75	ZEOLITIC CLAYSTONE
105 18 5 75	427.8	21.50	0.16	4.74	1.85	0.10	0.95	34.30	0.48	1.03	0.08	0.55	LIMESTONE
105 18 6 7JDK	429.2	16.80	0.14	5.76	2.28	0.06	0.80	35.90	0.36	0.85	0.08	0.66	BLACK CLAY. LIMESTONE
105 20 1 68	439.7	32.00	0.26	5.27	2.48	0.04	1.27	29.30	0.52	1.27	0.06	0.53	LIMESTONE
105 20 1 100D	440.0	22.00	0.16	4.37	2.93	0.10	0.84	31.80	0.45	0.97	0.10	0.62	BLACK CLAYSTONE
105 21 1 33DK	443.8	31.40	0.14	4.31	1.82	0.04	0.83	28.30	0.54	0.96	0.10	0.67	DARK LIMESTONE
105 22 1 138L	453.4	4.80	0.02	0.99	0.50	0.21	0.46	55.00	0.03	0.21	0.06	0.60	LIMESTONE
105 22 2 49DK	459.0	26.00	0.18	5.01	2.25	0.04	0.97	28.40	0.60	1.11	0.12	0.55	DARK LIMESTONE
105 23 2 121D	463.7	27.50	0.22	4.41	2.35	0.08	1.06	28.40	0.55	1.08	0.08	0.53	LIMESTONE
105 24 1 92	475.9	2.90	0.04	0.28	0.39	0.14	0.37	55.10	0.00	0.11	0.06	0.33	LIMESTONE
105 24 2 97	471.5	25.70	0.23	5.47	2.05	0.10	1.03	33.70	0.49	1.07	0.08	0.50	LIMESTONE
105 25 1 81	484.8	16.50	0.14	3.63	1.85	0.20	0.79	40.60	0.35	0.71	0.06	0.52	LIMESTONE
105 25 3 22	487.2	8.70	0.04	1.14	0.43	0.06	0.40	54.10	0.10	0.18	0.08	0.28	LIMESTONE
105 26 2 133	495.8	7.00	0.04	1.10	0.53	0.08	0.39	52.70	0.09	0.20	0.04	0.27	LIMESTONE
105 27 2 64	504.1	28.10	0.15	3.88	1.50	0.11	0.88	35.70	0.37	0.82	0.10	0.39	LIMESTONE
105 28 1 74	511.7	29.90	0.18	4.96	2.07	0.08	0.96	32.50	0.42	0.99	0.08	0.47	LIMESTONE
105 28 2 81	513.3	31.60	0.22	5.40	2.04	0.08	0.97	32.80	0.44	1.06	0.06	0.43	CLAYEY LIMESTONE
105 28 3 100	515.0	8.80	0.02	1.34	0.55	0.23	0.40	45.80	0.10	0.23	0.06	0.33	LIMESTONE
105 29 2 28	523.8	22.70	0.16	4.34	1.41	0.06	0.81	38.60	0.30	0.75	0.08	0.53	LIMESTONE
105 29 3 97	526.0	27.90	0.21	5.33	2.07	0.04	0.94	33.80	0.35	0.96	0.06	0.49	CLAYEY LIMESTONE
105 30 2 87	533.4	11.60	0.06	1.62	0.61	0.17	0.44	48.70	0.14	0.27	0.06	0.31	LIMESTONE
105 32 3 85	552.9	35.40	0.32	6.34	3.58	0.34	1.35	27.20	0.54	1.51	0.08	0.28	LIMESTONE
105 34 5 104R	574.0	49.20	0.43	9.00	5.45	0.21	1.88	15.20	0.80	2.15	0.08	0.23	FERRUG. LIMESTONE
105 35 4 126R	581.8	41.50	0.49	10.70	7.07	0.50	2.02	16.50	0.75	2.97	0.12	0.38	FERRUG. LIMESTONE
105 36 3 76LT	583.8	24.30	0.31	6.14	2.43	0.43	1.58	31.50	0.43	1.58	0.08	0.32	THIN GRAY LIMESTONE
105 37 6 30K	601.8	49.50	0.57	11.20	6.56	0.52	2.32	10.50	0.77	2.85	0.08	0.28	FERRUG. LIMESTONE
105 38 5 49LT	609.5	42.90	0.39	7.91	2.88	0.42	1.95	21.50	0.54	2.04	0.10	0.26	THIN GRAY LIMESTONE
105 39 2 82K	614.3	60.50	0.55	10.80	6.05	0.16	2.25	6.64	0.52	2.85	0.08	0.42	FERRUG. LIMESTONE
105 40 1 80G	621.8	59.70	0.86	15.00	6.46	0.08	4.63	1.19	1.44	2.49	0.02	0.20	GREEN CLAY FRAGMENT

SITE 106: LAT 36 DEG 26 MIN N; LONG 69 DEG 23 MIN W; DEPTH 4500 M (ANAL WALLACE)

SAMPLE	DEPTH	SIC2	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
106 1 3 86	3.9	56.20	0.87	16.10	6.65	0.06	2.60	2.97	1.45	3.45	0.18	1.41	HEMIPELAGIC MUD

TABLE 3 - Continued

SAMPLE	DEPTH	SIC2	TI02	AL203	FE203	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLCGY
106 1 5 65	5.7	53.50	0.86	16.30	7.25	0.05	2.82	3.04	1.73	3.55	0.18	0.72	SAND
106 2 1 126	43.3	58.40	0.64	13.80	5.53	0.04	2.98	5.59	2.33	2.73	0.17	0.80	SAND
106 3 2 120	112.7	57.10	0.61	11.20	4.69	0.06	2.04	5.80	1.54	2.54	0.14	0.92	HEMIPELAGIC MUD
106 6 2 38	341.9	51.70	0.71	13.50	5.52	0.04	2.60	7.43	1.43	2.69	0.15	0.81	HEMIPELAGIC MUD
106B 1 3 73	369.7	54.90	0.76	17.00	5.52	0.17	2.51	3.99	1.23	2.73	0.16	0.47	HEMIPELAGIC MUD
106B 2 2 44	452.9	54.90	0.78	18.70	6.59	0.16	2.55	2.02	1.41	2.90	0.17	0.49	HEMIPELAGIC MUC
106B 3 2 45	555.0	46.50	0.66	14.30	5.93	0.31	2.34	10.70	1.21	2.53	0.23	0.53	HEMIPELAGIC MUD
106B 3 5 92	559.9	56.50	0.76	17.40	6.41	0.08	2.54	2.01	1.32	2.87	0.17	0.51	HEMIPELAGIC MUD
106B 4 3 64	757.6	58.00	0.79	17.50	6.11	0.17	2.42	0.73	1.11	2.68	0.14	0.50	HEMIPELAGIC MUD
106B 5 2 132	937.8	45.00	0.67	13.80	5.13	0.15	2.89	12.70	1.95	3.11	0.25	0.80	HEMIPELAGIC MUD
106B 5 6 27	942.8	59.80	0.63	14.10	5.32	0.07	2.20	3.10	1.15	2.10	0.21	0.47	HEMIPELAGIC MUD
106B 6 3 92	955.9	62.40	0.68	14.90	5.37	0.03	2.28	0.54	1.30	2.06	0.15	0.31	HEMIPELAGIC MUC

SITE 112: LAT 54 DEG 1 MIN N; LONG 46 DEG 36 MIN W; DEPTH 3657 M (ANAL LI)

SAMPLE	DEPTH	SIC2	TI02	AL203	FE203	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLCGY
112 1 6 36	35.9	36.80	0.52	5.05	3.76	0.12	3.02	18.90	1.70	1.94	0.10	1.75	SILTY CLAY
112A 1 1 140	31.4	58.80	0.50	14.30	5.05	0.09	3.00	5.45	1.81	2.65	0.16	0.79	CLAYEY SILT
112A 1 5 69	87.8	45.40	0.72	12.70	5.38	0.17	2.68	13.10	1.61	2.41	0.15	0.82	NANNO MARL
112A 3 2 87	99.4	58.60	0.81	13.60	6.06	0.26	2.85	5.21	1.82	2.73	0.19	0.92	SILTY CLAY
112 2 3 57	103.6	56.60	0.70	13.40	5.08	0.14	2.70	7.45	1.57	2.55	0.12	1.00	SILTY CLAY
112A 3 6 68	105.2	58.20	0.89	13.50	6.67	0.16	2.87	5.26	1.55	2.70	0.14	0.57	SILTY CLAY
112 2 6 88	108.2	63.00	0.72	14.90	5.09	0.07	2.63	2.45	1.74	2.69	0.12	0.54	SILTY CLAY
112A 4 3 61	109.6	63.40	0.72	15.40	5.55	0.05	2.40	1.79	1.78	2.74	0.17	0.87	SILTY CLAY
112A 4 5 66	112.7	61.70	0.79	14.60	6.23	0.06	2.53	2.73	1.99	2.64	0.12	1.32	SILTY CLAY
112A 5 2 93	117.4	32.60	0.53	7.88	5.60	0.12	1.59	22.70	1.22	1.55	0.14	1.49	NANNO MARL
112 3 6 68	158.2	44.30	0.61	10.30	4.39	0.06	1.72	16.70	1.17	1.82	0.12	0.74	NANNO CLAY
112 4 2 90	202.4	51.20	0.73	13.50	6.25	0.11	2.14	8.31	1.39	1.92	0.10	1.45	NANNO CLAY
112 5 3 65	273.6	37.40	0.59	8.90	4.06	0.09	1.77	15.60	1.48	1.76	0.11	1.31	SILICEOUS NANNO CLAY
112 5 6 80	278.3	57.10	0.65	10.20	5.25	0.06	1.91	7.35	1.41	1.51	0.14	2.03	SILICEOUS NANNO CLAY
112 7 2 46	290.0	48.20	0.69	11.20	4.69	0.10	1.91	11.40	1.38	1.48	0.12	2.18	SILICEOUS NANNO CLAY
112 9 2 66	308.2	58.60	0.84	13.10	5.70	0.13	2.22	3.99	1.72	1.81	0.33	1.77	SILICEOUS CLAY
112 11 4 87	329.4	42.30	0.39	7.50	3.05	0.12	1.34	9.12	1.00	1.11	0.06	1.43	SILICEOUS NANNO CLAY
112 12 1 88	384.9	46.50	0.50	9.38	4.61	0.10	1.82	14.20	1.14	1.51	0.09	1.03	SILTY NANNO CLAY
112 13 5 84	447.8	49.10	0.54	12.10	5.25	0.04	1.75	12.60	1.07	1.65	0.12	0.39	NANNO CLAY
112 14 5 82	505.8	47.80	0.50	11.50	5.16	0.06	1.83	13.40	1.04	1.66	0.08	0.54	NANNO MARL
112 15 6 54	586.4	47.70	0.53	11.60	5.07	0.17	1.90	14.00	0.79	1.51	0.16	0.48	NANNO CLAY
112 16 1 60	652.6	63.80	0.56	13.80	7.74	0.05	3.68	1.25	0.97	3.07	0.08	0.51	CLAY

SITE 116: LAT 57 DEG 30 MIN N; LONG 15 DEG 55 MIN W; DEPTH 1151 M (ANAL WALLACE)

SAMPLE	DEPTH	SIC2	TI02	AL203	FE203	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLCGY
116A 1 1 74	0.7	7.60	0.15	1.76	0.80	0.05	0.50	44.80	0.21	0.32	0.07	1.93	MARL CHALK
116A 2 3 130	13.3	32.70	0.68	8.50	4.55	0.07	1.69	21.90	0.87	1.51	0.15	1.52	SILTY CLAY
116A 3 6 138	26.5	19.80	1.38	4.24	1.86	0.06	0.82	33.90	0.62	0.84	0.11	1.25	FORAM-NANNO CCZE
116A 4 3 90	30.9	16.60	0.20	3.17	1.66	0.06	0.78	36.80	0.50	0.66	0.12	1.57	FORAM-NANNO CCZE
116A 5 2 118	38.7	19.30	0.32	3.89	1.97	0.06	0.88	35.70	0.55	0.74	0.17	1.53	FORAM-NANNO CCZE
116A 6 4 112	50.6	12.60	0.19	3.04	1.18	0.05	0.56	40.40	0.54	0.47	0.13	1.25	FORAM-NANNO CCZE
116A 7 6 93	62.4	16.20	0.32	3.46	1.88	0.04	0.73	39.90	0.51	0.60	0.11	1.31	FORAM-NANNO CCZE
116A 8 3 84	66.8	10.80	1.20	2.71	1.44	0.05	0.59	40.50	0.24	0.46	0.08	1.53	FORAM-NANNO CCZE
116A 9 5 84	78.8	3.81	0.08	1.00	0.36	0.03	0.23	48.60	0.14	0.07	0.13	1.06	FORAM-NANNO CCZE
116A 10 6 120	89.7	6.22	0.18	1.38	0.82	0.03	0.35	49.50	0.39	0.25	0.10	1.15	FORAM-NANNO CCZE
116A 11 6 55	104.1	2.20	0.08	0.42	0.17	0.02	0.21	51.10	0.17	0.12	0.08	1.08	FORAM-NANNO CCZE
116 2 2 68	111.2	2.20	0.05	0.30	0.32	0.04	0.26	50.80	0.55	0.11	0.12	0.62	FORAM-NANNO CCZE
116 3 6 78	167.3	2.00	0.03	0.42	0.14	0.02	0.20	51.30	0.19	0.10	0.13	1.07	FORAM-NANNO CCZE
116 4 6 80	217.3	3.00	0.06	0.64	0.28	0.02	0.21	52.60	0.24	0.12	0.12	0.94	FORAM-NANNO CCZE
116 5 5 75	265.8	3.40	0.02	0.68	0.16	0.03	0.21	49.80	0.10	0.13	0.14	0.94	FORAM-NANNO CCZE
116 6 4 87	314.4	5.20	0.05	1.00	0.28	0.02	0.28	50.70	0.12	0.15	0.20	0.92	FORAM-NANNO CCZE
116 7 3 75	362.8	2.00	0.03	0.46	0.16	0.03	0.22	51.60	0.05	0.08	0.11	0.96	FORAM-NANNO CCZE
116 8 3 92	412.9	1.80	0.05	0.46	0.10	0.06	0.17	50.50	0.05	0.04	0.13	0.78	FORAM-NANNO CCZE
116 9 3 85	462.8	3.60	0.03	0.50	0.16	0.05	0.23	51.60	0.15	0.08	0.14	0.82	FORAM-NANNO CCZE
116 10 3 76	512.8	3.60	0.04	0.66	0.28	0.07	0.31	48.60	0.06	0.16	0.16	1.04	FORAM-NANNO CCZE
116 11 6 75	567.3	6.80	0.04	0.80	0.26	0.02	0.29	45.60	0.22	0.16	1.50	0.74	FORAM-NANNO CCZE
116 12 6 80	607.3	3.60	0.03	0.56	0.24	0.05	0.26	50.80	0.20	0.11	0.11	0.85	FORAM-NANNO CCZE
116 16 2 76	673.7	12.20	0.05	0.84	0.36	0.03	0.24	34.30	0.16	0.09	0.19	0.84	FORAM-NANNO CCZE
116 20 5 76	707.8	13.40	0.43	3.40	1.98	0.02	1.15	42.20	0.48	0.33	0.40	0.41	CHALK
116 22 6 130	727.8	7.20	0.07	0.86	0.36	0.08	0.33	46.70	0.00	0.18	0.16	1.07	CHALK
116 24 1 138	760.4	8.60	0.04	1.04	0.38	0.06	0.33	46.70	0.10	0.15	0.15	0.78	CHALK
116 25 5 73	812.7	8.60	0.09	2.24	0.90	0.03	0.73	48.40	0.24	0.28	0.15	0.26	CHALK
116 26 4 78	830.3	8.00	0.05	1.26	0.50	0.07	0.40	45.90	0.18	0.19	0.14	0.29	CHALK
116 27 3 94	834.9	10.80	0.09	2.33	1.42	0.09	0.73	42.60	0.29	0.28	0.18	0.22	CHALK
116 28 1 131	841.3	1.80	0.02	0.64	0.22	0.04	0.29	51.30	0.02	0.07	0.11	0.54	CHALK

SITE 118: LAT 45 DEG 3 MIN N; LONG 9 DEG 1 MIN W; DEPTH 4501 M (ANAL BUDD)

SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY	
118 1 2	80	98.3	43.80	0.70	15.30	6.82	0.10	2.33	10.60	0.92	2.95	0.15	0.88	SILTY CLAY
118 1 5	79	102.8	58.10	0.77	15.50	5.97	0.08	2.33	3.82	1.11	3.16	0.15	0.83	SILTY CLAY
118 1 6	101	104.5	20.90	0.28	6.90	2.64	0.05	0.91	36.90	0.47	1.21	0.08	1.32	MARLY CLAY
118 2 2	88	202.4	41.70	0.64	15.30	5.97	0.07	1.80	12.90	0.88	2.64	0.10	1.25	CLAY
118 2 5	48	206.5	49.10	0.77	13.30	5.32	0.09	1.71	10.80	0.84	2.35	0.11	0.66	CLAY
118 2 6	94	203.4	63.20	0.21	3.00	1.34	0.04	0.63	16.30	0.44	0.89	0.12	0.46	SILTY CLAY
118 3 1	46	303.5	34.90	0.60	13.20	5.74	0.08	1.72	15.50	0.58	2.00	0.16	0.74	CLAY
118 3 2	70	302.2	58.50	0.94	12.10	4.31	0.07	1.37	5.04	0.72	2.07	0.11	0.53	SILTY CLAY
118 4 1	102	351.0	31.80	0.49	11.00	3.30	0.07	1.25	27.10	0.54	1.88	0.08	0.76	CLAY
118 4 2	101	352.5	55.50	0.63	7.90	3.61	0.06	1.13	14.90	0.79	1.60	0.11	0.56	SILTY CLAY
118 4 3	99	354.0	37.80	0.59	12.30	3.59	0.09	1.32	21.30	0.63	2.03	0.08	0.65	CLAY
118 5 3	76	402.8	50.10	0.74	17.30	5.44	0.06	1.79	8.33	0.79	2.94	0.12	0.69	CLAY
118 6 1	70	443.7	59.20	0.80	19.40	5.72	0.04	2.07	0.58	1.09	3.36	0.14	0.78	CLAY
118 6 6	48	456.0	56.20	0.75	18.30	5.98	0.05	2.29	2.94	1.11	3.21	0.17	0.78	CLAY

SITE 119: LAT 45 DEG 2 MIN N; LONG 7 DEG 58 MIN W; DEPTH 4447 M (ANAL LI)

SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY	
119 1 2	93	12.4	51.40	0.70	15.40	5.66	0.12	2.38	6.79	1.19	3.02	0.16	1.24	FORAM-NANNO MUD
119 1 2	106	12.6	32.60	0.47	12.10	3.73	0.10	1.30	24.00	0.56	2.10	0.15	0.79	FORAM-NANNO MUD
119 1 3	66	13.7	41.10	0.59	12.30	4.85	0.06	2.07	14.10	1.16	2.49	0.14	1.55	FORAM-NANNO MUD
119 2 2	21DK	51.7	61.10	0.76	15.50	5.81	0.04	1.83	1.18	1.61	2.66	0.16	0.79	SILTY CLAY
119 2 5	44	36.4	35.10	0.52	11.70	4.21	0.09	1.42	20.60	0.62	2.11	0.10	1.20	SILTY CLAY
119 3 1	57	103.6	26.10	0.39	9.30	3.24	0.04	0.90	21.50	0.39	1.60	0.08	1.16	NANNO OOZE
119 3 2	90	102.4	15.50	0.25	5.31	2.01	0.08	0.60	39.80	0.33	1.08	0.08	0.95	NANNO OOZE
119 3 5	97	107.0	49.90	0.67	14.60	5.53	0.08	3.55	6.76	1.08	2.74	0.17	0.65	NANNO OOZE
119 4 1	108	151.1	42.40	0.65	15.30	5.01	0.10	1.40	14.00	0.73	2.74	0.10	0.77	NANNO CLAY
119 5 3	90	201.9	20.90	0.27	7.33	2.41	0.06	0.89	35.70	0.46	1.33	0.10	0.89	NANNO CLAY
119 6 4	93	243.4	32.20	0.40	10.30	3.56	0.12	1.30	24.50	0.70	1.89	0.16	0.65	SILTY CLAY
119 7 3	89	252.9	38.20	0.46	12.30	4.17	0.10	1.53	19.00	0.81	2.10	0.16	0.66	CLAY
119 9 3	94	270.9	36.80	0.45	11.70	3.82	0.06	1.61	19.60	0.75	2.05	0.16	0.73	CLAY
119 11 6	69	232.2	29.10	0.34	6.30	3.07	0.14	1.14	27.80	0.66	1.45	0.12	0.78	NANNO CLAY
119 13 4	65	307.1	16.60	0.20	5.10	1.97	0.16	1.14	38.50	0.42	0.99	0.10	0.50	NANNO CLAY
119 15 6	83	323.3	20.90	0.25	6.60	2.38	0.20	0.88	36.50	0.69	1.32	0.11	0.52	NANNO CLAY
119 17 5	89	343.9	24.80	0.30	7.25	2.78	0.38	1.14	31.80	0.74	1.43	0.16	0.51	NANNO CLAY
119 20 3	84DK	363.8	38.00	0.53	13.20	5.04	0.58	2.03	17.00	0.84	2.30	0.15	0.64	CLAY
119 21 6	102	382.5	31.60	0.43	10.60	5.18	0.53	1.58	22.20	0.75	1.89	0.12	0.87	CLAY
119 22 2	63	383.1	39.00	0.52	16.10	5.66	0.64	2.13	13.50	0.66	2.54	0.17	0.50	CLAY
119 23 1	117	393.2	40.10	0.56	16.10	6.00	0.58	2.34	12.20	0.83	2.49	0.15	0.63	CLAY
119 24 3	73dT	404.8	33.40	0.85	19.30	7.29	0.10	2.37	1.31	1.29	3.14	0.20	0.71	CLAY
119 26 2	90	421.4	25.50	0.30	7.74	2.61	0.47	1.80	30.40	0.91	0.70	0.07	0.52	CLAY
119 28 1	31	443.3	28.80	0.29	7.40	2.39	0.07	1.35	2.95	1.19	1.52	0.09	0.44	CLAY
119 29 2	118	461.7	46.50	0.14	8.41	1.52	0.17	0.47	16.50	2.10	2.45	0.06	0.74	SAND
119 29 4	49	464.0	30.90	0.28	6.30	2.12	0.05	1.20	29.80	0.80	1.36	0.12	0.37	SILT
119 30 6	99	501.5	23.30	0.24	6.10	2.01	0.14	1.35	35.30	0.57	1.21	0.12	0.35	CLAY
119 31 5	61	549.6	30.00	0.31	7.30	3.04	0.12	1.45	29.50	0.89	1.57	0.12	0.32	CLAYSTONE
119 33 2	77	543.3	29.90	0.32	6.70	2.79	0.05	1.29	29.60	0.61	1.25	0.06	0.24	CLAYSTONE
119 35 3	73	633.7	25.10	0.14	3.35	1.45	0.10	0.90	35.70	0.22	0.54	0.09	0.22	CLAYSTONE
119 37 4	90	667.4	41.10	0.40	11.30	4.92	0.01	1.92	18.50	1.01	2.02	0.07	0.32	CLAYSTONE
119 39 5	60	642.6	16.70	0.23	4.62	1.63	0.10	1.27	40.20	0.37	0.86	0.10	0.21	CLAYSTONE

SITE 140: LAT 21 DEG 45 MIN N; LONG 21 DEG 43 MIN W; DEPTH 4483 M (ANAL LI)

SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
140 1 2	42	93.9	4.40	0.08	1.30	0.80	0.05	0.43	48.10	0.51	0.32	0.09	0.76	NANNO CHALK COZE
140 1 4	123	94.8	3.60	0.06	1.40	0.58	0.04	0.28	45.40	0.07	0.28	0.08	1.40	NANNO CHALK COZE
140 1 6	47	97.0	3.00	0.29	2.34	1.40	0.05	0.60	45.80	0.20	0.44	0.11	1.45	NANNO CHALK COZE
140A 1 1	128	151.3	52.40	0.94	20.30	7.84	0.03	2.18	0.49	1.22	2.79	0.20	0.38	CLAY
140 2 1	46	201.5	63.00	0.45	8.50	3.36	0.04	1.15	5.32	0.52	0.82	0.18	2.00	SILICECLS MUD/COZE
140 2 3	76	204.8	64.60	0.50	9.30	3.84	0.03	1.26	3.54	0.64	0.93	0.17	1.78	SILICECLS MUD/COZE
140 2 5	71	237.7	62.10	0.42	8.30	3.97	0.04	1.11	4.37	0.57	0.75	0.11	2.52	SILICECLS MUD/COZE
140A 2 3	138	237.1	57.90	0.87	17.20	5.45	0.03	2.05	0.47	1.01	2.09	0.17	0.75	CLAY
140A 2 6	106	243.6	56.20	0.84	5.70	5.97	0.04	3.55	0.54	0.87	1.85	0.24	1.26	CLAY
140 3 1	85	311.9	53.80	0.76	5.30	5.09	0.04	3.94	2.31	1.09	1.46	1.76	1.36	CLAY
140 3 3	26	314.3	53.50	0.78	15.00	5.55	0.04	4.32	0.63	0.88	1.46	0.49	1.47	CLAY
140 4 1	22	363.2	56.20	0.66	13.10	5.08	0.04	5.75	1.74	1.13	1.54	1.32	0.17	CLAY
140 4 3	128	372.3	54.90	0.66	13.00	4.85	0.03	4.88	3.17	0.74	1.52	1.91	2.01	CLAY
140 6 2	86	512.4	57.60	0.31	6.60	2.73	0.02	7.52	3.61	0.61	0.92	1.08	1.83	DOL. SILTY CLAY
140 7 1	145	586.4	75.60	0.40	9.30	3.27	0.0	2.37	0.88	1.69	1.03	0.52	0.86	SHALE

TABLE 3 - Continued

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY
140 8 2 78	647.3	61.50	0.56	14.30	5.11	0.03	1.65	0.71	2.57	1.63	0.11	0.66	CLAY/SILT/SAND
SITE 141: LAT 19 DEG 25 MIN N; LONG 24 DEG 0 MIN W; DEPTH 4148 M (ANAL TERRANA)													
SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY
141 1 3 67DK	3.7	30.00	0.70	8.30	3.77	0.07	1.53	28.10	0.70	1.45	0.11	1.41	FCRAM NANN COZE
141 1 6 68	13.2	19.20	J.35	5.36	2.15	0.07	0.89	34.80	0.15	1.01	0.08	1.18	FORAM NANN COZE
141 2 3 84	17.8	6.10	0.08	1.95	0.78	0.07	0.42	45.00	0.23	0.33	0.08	1.24	FORAM NANN COZE
141 2 6 30DK	21.3	21.80	0.38	5.59	2.76	0.04	0.86	32.00	0.40	0.55	0.07	1.68	FCRAM NANN COZE
141 3 3 63	25.6	16.10	0.40	4.42	1.97	0.06	0.86	36.60	0.50	0.80	0.10	1.31	FCRAM NANN COZE
141 3 6 87	31.4	12.10	0.25	3.42	1.49	0.05	0.69	39.50	0.43	0.60	0.09	1.23	FCRAM NANN COZE
141 4 2 129	34.8	10.10	0.15	3.00	1.13	0.06	0.60	41.70	0.31	0.52	0.0	1.07	FORAM NANN COZE
141 5 2 63JK	43.1	27.20	0.55	8.34	3.28	0.06	0.95	31.60	0.28	1.26	0.11	0.99	FCRAM NANN COZE
141 5 4 93	43.9	12.60	0.20	4.16	1.04	0.07	0.63	42.70	0.04	0.64	0.10	1.35	FORAM NANN COZE
141 5 6 85DK	43.4	22.20	0.38	6.44	2.65	0.06	1.01	32.60	0.88	1.16	0.09	0.44	FCRAM NANN COZE
141 6 4 107	64.0	12.00	0.32	3.67	1.84	0.11	0.76	40.50	0.27	0.69	0.10	1.05	MARL COZE
141 6 6 56	67.1	6.07	0.35	2.65	1.70	0.10	0.63	44.50	0.30	0.21	0.08	1.13	MARL COZE
141 7 3 57	82.6	51.00	0.92	17.00	6.38	0.31	2.32	8.32	0.78	2.16	0.21	0.95	SILTY ZEOLITIC CLAY
141 7 6 44	85.9	59.00	1.21	20.10	7.80	0.33	2.58	0.67	0.67	2.63	0.24	0.91	SILTY ZEOLITIC CLAY
SITE 142: LAT 3 DEG 22 MIN N; LONG 42 DEG 23 MIN W; DEPTH 4372 M; ANAL. LI													
SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
142 1 1 105	99.0	47.50	0.95	21.10	7.14	0.13	1.75	2.25	1.26	2.70	0.17	0.91	CLAY
142 1 2 95	100.5	67.00	0.59	10.30	4.11	0.06	0.94	2.12	1.39	1.82	0.11	0.57	SILTY SAND
142 1 3 96	102.0	67.70	0.55	9.30	3.77	0.06	0.87	2.29	1.38	1.72	0.11	0.64	SILTY SAND
142 1 4 125	103.7	52.80	0.90	17.30	6.24	0.10	1.55	2.61	1.26	2.48	0.15	0.80	SILTY CLAY
142 1 5 134	105.0	25.50	0.45	10.30	8.39	1.20	1.43	22.10	0.60	1.42	0.29	1.06	CLAY
142 1 6 130	106.8	54.80	0.73	16.80	8.26	0.16	1.66	2.31	1.47	2.89	0.14	0.68	SILT
142 2 1 105	201.0	33.30	0.59	14.10	8.37	0.38	1.62	15.50	0.87	1.96	0.53	0.83	MARL
142 2 1 137	201.4	71.90	0.52	7.30	3.00	0.06	0.71	2.09	1.03	1.45	0.10	0.50	SAND
142 2 3 96	204.0	14.10	0.26	6.30	2.46	0.10	0.64	39.00	0.30	0.80	0.09	0.48	FOR-NAN MARL COZE
142 2 3 126	204.3	47.10	0.97	20.80	6.62	0.13	1.73	3.17	1.05	2.81	0.12	0.62	FOR-NAN MARL COZE
142 2 4 75	205.3	38.20	0.73	16.30	6.37	0.13	1.52	12.40	0.88	2.14	0.20	0.78	FOR-NAN MARL COZE
142 3 1 96	294.0	55.70	0.97	19.20	6.25	0.10	1.72	2.43	1.15	2.73	0.19	0.62	SILTY MARL MUD
142 4 1 55	367.6	24.80	0.42	9.50	3.37	0.10	1.10	30.60	0.49	1.48	0.15	0.68	FORAM CHALK COZE
142 4 2 52	369.0	21.30	J.36	8.50	2.71	0.06	0.88	34.10	0.43	1.11	0.09	0.78	FORAM CHALK COZE
142 4 3 59	370.6	19.40	0.34	7.70	2.83	0.10	0.91	35.30	0.40	1.14	0.14	0.81	FORAM CHALK COZE
142 4 4 65DK	372.1	16.60	0.28	6.80	2.20	0.08	0.76	38.90	0.34	0.93	0.14	0.85	FORAM CHALK COZE
142 4 5 91	373.9	21.20	J.36	8.40	3.24	0.08	1.00	34.00	0.49	1.23	0.14	0.61	FORAM CHALK COZE
142 5 1 75	423.8	44.90	0.81	16.60	5.82	0.11	1.99	10.00	0.55	2.67	0.19	0.55	SILTY CLAY
142 6 1 98DK	452.0	40.30	0.70	15.30	5.81	0.12	1.79	14.00	0.75	2.49	0.19	0.56	NANNO MARL MUD
142 6 2 70	453.2	48.20	0.86	19.10	7.32	0.09	1.89	5.96	0.83	2.98	0.20	0.49	NANNO MARL MUD
142 7 1 94	479.9	14.40	0.25	6.10	2.29	0.10	0.66	40.70	0.31	0.81	0.13	0.53	CALC. MARL COZE
142 7 2 90	481.4	14.60	0.26	6.20	2.23	0.10	0.65	40.90	0.20	0.80	0.13	0.50	CALC. MARL COZE
142 7 4 90	484.4	14.00	0.25	5.70	2.23	0.10	0.63	41.30	0.25	0.76	0.13	0.54	CALC. MARL COZE
142 7 6 74	487.2	12.20	0.22	5.14	1.86	0.10	0.58	42.10	0.16	0.67	0.13	0.54	CALC. MARL COZE
142 8 1 72	529.7	18.30	0.33	8.17	2.68	0.74	0.95	34.60	0.36	0.84	0.15	0.49	CALC. MARL COZE
142 8 2 85	531.3	50.50	0.88	22.40	7.16	0.07	2.04	0.26	0.67	2.22	0.21	0.59	CLAY
142 9 5 51	581.5	14.60	0.26	6.16	2.34	0.10	0.64	40.00	0.23	0.79	0.13	0.48	CALC. MARL COZE
SITE 146/149: LAT 15 DEG 6 MIN N; LONG 69 DEG 22 MIN W; DEPTH 3560 M													
SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY
149 2 1 107	2.0	18.00	0.28	6.75	2.71	0.21	1.29	36.80	0.63	0.76	0.07	1.90	MARL COZE
149 3 1 146	4.0	18.10	0.28	6.70	2.50	0.33	1.21	38.20	0.61	0.79	0.05	1.48	MARL COZE
149 4 1 82	20.0	26.20	0.40	10.40	4.00	0.16	1.45	29.60	****	1.15	0.07	****	MARL COZE
149 7 1 74	47.0	28.50	0.44	11.10	4.18	0.28	1.26	27.80	0.78	1.43	0.07	1.19	MARL COZE
149 10 1 119	76.0	50.20	0.80	22.10	8.10	0.71	2.38	1.15	1.23	2.42	0.19	1.13	CLAY
149 10 2 43	77.0	50.70	0.80	22.30	8.00	0.50	2.38	1.25	1.48	2.37	0.23	1.16	CLAY
149 10 3 20	78.0	49.50	0.80	21.30	8.40	0.69	2.28	1.25	1.23	2.37	0.21	1.23	CLAY
149 10 5 53	82.0	50.30	0.80	21.70	8.20	0.64	2.40	1.38	1.29	2.38	0.17	1.02	CLAY
149 10 CC	84.0	51.70	0.85	22.30	7.70	0.16	2.30	0.66	1.32	2.38	0.14	1.04	CLAY
146 1 4 28	101.0	51.40	0.83	20.60	8.48	0.38	2.42	0.70	****	2.56	0.21	****	CLAY
149 13 1 82	104.0	51.10	0.81	20.20	8.19	0.72	2.78	2.05	1.43	2.44	0.22	1.09	CLAY
149 16 1 75	131.0	54.00	0.78	20.10	8.57	0.72	2.43	0.80	****	2.48	0.10	****	MARL
149 19 2 72	161.0	18.40	0.18	4.62	1.74	0.29	0.81	38.70	0.81	0.95	0.04	0.97	MARL
149 21 1 123	180.0	19.50	0.22	7.38	3.36	0.25	1.29	33.20	****	0.79	0.04	****	MARL
149 23 2 59	198.0	18.40	0.24	6.45	2.90	0.20	1.16	33.40	0.56	1.09	0.04	1.06	MARL
149 25 3 74	213.0	13.30	0.14	3.72	1.44	0.27	0.86	43.50	0.49	0.40	0.11	0.95	SIL-CLAY-CALC COZE
149 28 1 99	242.0	37.60	0.39	10.40	4.57	0.16	1.97	21.00	1.35	1.12	0.22	1.72	SIL-CLAY-CALC COZE



SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLGY	
149 29 2	118A	254.0	46.50	0.14	8.41	1.52	0.17	0.47	16.50	2.10	2.45	0.06	0.74	VOLCANIC ASH
149 29 2	149	254.0	27.30	0.26	5.53	2.70	0.25	1.12	33.90	1.11	0.58	0.06	1.00	SIL-CLAY-CALC OOZE
149 30 2	78	263.0	35.20	0.30	8.10	3.20	0.20	1.80	26.50	1.20	0.98	0.12	0.97	SIL-CLAY-CALC OOZE
149 31 2	124	274.0	53.50	0.26	7.24	3.10	0.22	1.42	5.40	1.41	0.87	0.22	2.07	RADICLARIAN OOZE
149 32 2	123	282.0	54.50	0.26	6.87	2.87	0.12	1.30	10.70	****	0.72	0.25	****	CALC.-RAD. OOZE
149 33 1	54	289.0	67.60	0.26	6.18	2.63	0.14	1.14	5.00	****	0.73	0.18	****	CALC.-RAD. OOZE
149 34 1	81	312.0	53.60	0.08	3.12	1.04	0.16	0.73	21.90	0.69	0.40	0.10	1.81	CALC.-RAD. OOZE
149 37 3	86	330.0	44.00	0.08	2.77	0.94	0.19	0.75	26.30	0.58	0.34	0.07	1.61	CALC.-RAD. OOZE
149 38 1	143	331.0	61.80	0.12	3.49	1.19	0.09	0.98	10.30	0.55	0.48	0.09	2.39	CALC.-RAD. OOZE
149 40 2	14	355.0	53.50	0.08	2.30	0.89	0.15	0.71	19.30	0.74	0.39	0.09	1.93	CALC.-RAD. OOZE
149 41 3	136	367.0	50.10	0.08	2.74	0.94	0.16	0.76	21.60	0.55	0.30	0.11	2.00	CALC.-RAD. OOZE
149 42 2	40	383.0	46.00	0.10	2.30	1.17	0.17	0.87	23.40	0.70	0.43	0.12	1.89	CALC.-RAD. OOZE
146 3	CC	406.0	79.70	0.18	4.31	1.58	0.13	1.26	0.60	1.26	0.88	0.18	0.38	CHERT
146 5 1	1	422.0	57.50	0.69	12.70	3.19	0.05	4.62	1.30	3.49	2.68	0.19	0.48	VOLCANIC CLAYSTONE
146 5 2	29	425.0	66.30	0.28	6.92	3.30	0.03	1.86	2.30	1.62	1.32	0.84	0.48	CHALK
146 7 1	67	443.0	83.80	0.22	5.37	2.16	0.03	1.34	1.80	1.28	0.77	0.86	0.29	CHALK
146 7 1	60	441.0	56.70	1.17	13.20	6.67	0.11	4.76	2.10	3.16	****	1.05	****	VOLCANIC CLAYSTONE
146 7	CC	449.0	21.60	0.19	4.21	1.91	0.34	1.66	31.50	1.70	0.60	0.14	0.83	CHALK
146 8	CC	459.0	79.10	0.24	6.74	2.65	0.08	1.89	1.00	1.66	0.93	0.22	****	SILICEOUS CLAY
146 10 2	54	470.0	81.90	0.16	4.52	2.09	0.09	1.53	0.90	1.46	0.50	0.26	****	SILICEOUS CLAY
146 10	CC	476.0	75.30	0.53	8.85	3.18	0.10	1.62	1.30	1.47	0.99	0.15	0.46	SILICEOUS CLAY
146 11 1	74	472.0	71.40	0.30	9.43	3.59	0.10	2.68	1.00	1.90	1.32	0.28	0.21	SILICEOUS CLAY
146 11	CC	485.0	37.40	0.34	5.91	3.26	0.22	2.25	22.20	0.85	1.01	0.14	0.44	SILICEOUS CHALK
146 12	CC	494.0	61.80	0.38	8.31	4.78	0.14	3.11	5.80	2.12	1.51	0.23	1.08	CALCAREOUS CLAY
146 13	CC	503.0	15.90	0.35	7.39	2.93	0.21	2.70	22.80	0.94	1.06	0.14	0.26	CHALK
146 14 1	95	504.0	66.00	0.58	10.30	3.63	0.15	4.60	2.70	1.41	1.96	0.15	0.48	VOLCANIC ASH
146 14	87	506.0	49.60	0.48	10.10	4.61	0.15	3.53	13.30	1.66	1.59	0.06	0.58	MARL
146 15 2	143A	515.0	36.60	0.44	13.00	4.04	0.15	1.31	7.60	1.89	0.80	0.14	0.65	MARL
146 15 2	143B	515.0	41.20	0.48	13.40	3.98	0.06	3.66	7.60	2.10	0.88	0.14	****	MARL
146 15	CC	521.0	16.00	0.20	13.68	1.68	0.13	1.25	37.20	0.34	0.60	0.14	0.25	CHALK
146 16 3	9	524.0	18.10	0.23	3.94	2.20	0.22	5.31	33.30	0.53	0.73	0.14	0.37	CHALK
146 16 3	37	525.0	51.10	0.54	18.40	3.64	0.06	5.38	1.50	2.47	0.48	0.14	0.63	VOLCANIC ASH
146 16 6	75	529.0	52.10	0.74	15.30	3.23	0.03	4.25	7.50	2.19	1.41	0.06	0.50	VOLCANIC ASH
146 18 6	F	544.0	18.00	0.0	1.31	0.06	0.09	4.57	45.40	0.62	0.18	0.04	0.59	LIMESTONE
146 19	CC	557.0	15.60	0.17	2.88	1.15	0.13	0.84	38.10	0.25	0.49	0.14	0.37	CHALK
146 20 2	99	561.0	22.50	0.08	1.85	0.47	0.08	0.81	41.20	0.77	0.31	0.04	0.69	SILICEOUS CHALK
146 20	CC	566.0	9.60	0.15	2.47	1.10	0.12	0.79	42.10	0.16	0.41	0.14	0.31	CHALK
146 21	CC	575.0	4.60	0.16	2.35	1.15	0.07	0.82	44.10	0.14	0.34	0.14	0.40	CHALK
146 23 3	93	586.0	43.20	0.46	17.70	4.33	0.04	5.12	1.80	2.26	0.71	0.14	****	VOLCANIC ASH
146 23	5	587.0	36.50	0.61	18.20	4.93	0.06	4.91	1.50	2.31	0.76	0.14	****	VOLCANIC ASH
146 24	CC	602.0	58.80	0.21	4.05	1.82	0.12	1.31	12.60	0.45	0.78	0.14	0.48	MARL
146 25	CC	611.0	17.80	0.08	1.04	0.51	0.09	1.41	35.10	0.06	0.01	0.14	0.32	CHALK
146 26	CC	620.0	19.60	0.19	3.14	1.23	0.13	1.07	33.30	0.26	0.54	0.14	0.27	CHALK
146 27	CC A	629.0	63.00	0.10	3.30	0.90	0.08	1.90	16.40	0.70	0.70	0.09	0.29	MARL
146 27	CC B	629.0	54.00	0.45	5.10	1.50	0.06	0.70	17.90	1.10	0.75	0.17	0.27	MARL
146 28	CC	633.0	19.10	0.10	1.17	0.24	0.14	0.35	35.70	0.01	0.23	0.13	0.25	RAD. LIMESTONE
146 30	CC	656.0	12.40	0.08	1.08	0.29	0.12	0.16	36.90	0.01	0.06	0.13	0.17	RAD. LIMESTONE
146 31	CC	665.0	48.70	0.12	1.77	1.16	0.12	0.36	28.20	0.29	0.32	0.14	0.40	RAD. LIMESTONE
146 32	CC	674.0	15.40	0.11	2.21	1.06	0.10	2.74	37.20	0.15	0.38	0.13	0.34	RAD. LIMESTONE
146 33	CC	683.0	6.10	0.11	0.74	1.02	0.09	0.39	36.70	0.01	0.23	0.14	0.27	RAD. LIMESTONE
146 34 1	51	684.0	55.30	0.90	14.30	7.00	0.02	5.90	2.40	2.35	1.65	0.13	0.36	VOLCANIC ASH
146 35	F	690.0	5.60	0.23	4.79	2.77	0.29	1.16	36.70	0.40	0.43	0.14	0.05	RAD. LIMESTONE
146 36	CC A	701.0	60.50	0.35	3.45	1.92	0.04	0.62	15.20	0.42	0.63	0.14	0.17	RAD. LIMESTONE
146 36	CC B	701.0	47.50	0.41	6.60	3.33	0.11	1.85	6.40	0.57	1.07	0.15	0.23	RAD. LIMESTONE
146 38	CC A	710.0	47.90	0.15	1.69	0.91	0.10	0.21	19.50	0.09	0.41	0.14	0.21	RAD. LIMESTONE
146 38	CC B	710.0	51.90	0.57	12.20	6.84	0.09	4.57	7.60	2.07	0.50	0.15	0.35	VOLCANIC ASH
146 39 2	76 A	721.0	48.30	1.60	13.60	12.50	0.08	8.40	4.10	3.50	0.95	0.12	****	BASALTIC ASH
146 39 2	76 B	721.0	53.50	1.15	11.10	10.10	0.09	6.40	4.40	2.25	2.30	0.16	****	BASALTIC ASH
146 39 2	125	722.0	47.70	1.56	11.40	11.10	0.15	6.78	7.20	1.94	1.20	0.14	0.15	BASALTIC ASH

SITE 147: LAT 10 DEG 42 MIN N; LONG 65 DEG 10 MIN W; DEPTH 52 M (ANAL WALLACE)

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLGY	
147 2 1	124	5.2	29.30	0.41	11.00	3.83	0.04	1.62	16.10	0.82	1.26	0.22	4.30	LAMINATED CLAY
147 2 2	114	6.6	32.10	0.47	12.40	3.88	0.03	1.68	15.00	0.71	1.46	0.34	2.18	LAMINATED CLAY
147 2 3	124A	8.2	50.80	0.73	16.50	5.68	0.03	1.79	4.55	0.83	1.76	0.13	2.26	LAMINATED CLAY
147 2 3	124B	3.2	40.80	0.51	12.30	4.86	0.04	1.69	10.90	1.44	1.60	0.17	2.26	LAMINATED CLAY
147 2 4	80	9.3	44.00	0.66	15.10	6.14	0.06	2.23	9.25	1.13	1.65	0.19	1.47	CALCAREOUS CLAY
147 3 3	87	17.9	45.60	0.69	15.30	6.76	0.06	2.09	7.37	1.27	1.87	0.15	1.24	CLAY
147 4 6	85	31.4	47.80	0.75	17.20	6.99	0.06	1.98	6.58	0.79	1.97	0.14	1.32	CALCAREOUS CLAY
147 5 2	89	34.4	44.10	0.66	16.70	6.27	0.03	2.05	8.65	0.76	1.96	0.16	1.51	CALCAREOUS CLAY
147 6 6	100	50.5	44.70	0.69	16.10	6.25	0.16	2.21	9.22	1.20	1.90	0.16	0.90	CALCAREOUS CLAY
147 7 2	84	53.3	44.50	0.66	16.40	5.61	0.02	1.48	10.50	0.86	2.02	0.15	1.30	CALCAREOUS CLAY

TABLE 3 - Continued

SAMPLE	DEPTH	SIC2	TI02	AL203	FE203	MNC	MGO	CAO	NA20	K20	P205	CL	LITHCLGY			
147	8	6	90	68.4	35.60	0.54	13.20	5.10	0.03	1.56	15.60	C.73	1.51	0.18	1.42	CALCAREOUS CLAY
147	9	6	70	77.2	44.10	0.67	15.00	6.01	0.03	1.81	9.77	1.30	1.67	0.15	0.72	CALCAREOUS CLAY
147	10	5	110	85.1	27.90	0.41	10.40	4.31	0.03	4.57	20.00	C.94	1.13	0.19	0.63	CALCAREOUS CLAY
147	11	6	52	95.4	34.50	0.50	12.50	4.69	0.03	1.30	15.50	0.66	1.41	0.14	1.29	MARL
147	12	4	33	101.8	57.60	0.83	17.20	5.86	0.02	1.77	3.99	1.16	0.22	0.13	0.54	MARL
147	13	6	74	114.2	43.80	0.68	15.30	6.15	0.07	2.23	8.57	1.03	1.76	0.13	1.13	CALCAREOUS CLAY
147	14	1	81	115.8	52.30	0.78	17.30	6.15	0.06	2.17	4.30	1.02	2.01	0.14	0.82	CALCAREOUS CLAY
147	14	3	116	123.7	55.50	0.82	18.30	6.29	0.02	1.74	2.94	1.00	2.31	0.11	0.74	BASAL CLAY
147	15	6	79	132.3	30.70	0.59	14.00	5.83	0.04	2.96	12.30	C.98	1.62	0.12	0.65	CALCAREOUS CLAY
147	16	4	76	139.3	48.80	0.77	17.30	6.70	0.06	1.65	6.72	C.79	1.89	0.13	1.07	CALCAREOUS CLAY
147	17	6	73	152.2	37.60	0.56	13.50	4.68	0.03	1.36	14.10	0.72	1.40	0.18	1.16	CALCAREOUS CLAY
147	18	6	89	160.4	46.60	0.72	17.70	6.40	0.02	1.69	9.04	1.07	2.08	0.13	0.57	CALCAREOUS CLAY
147C	7	6	98	178.5	45.70	0.73	17.10	6.43	0.05	2.67	6.38	1.04	1.85	0.38	0.50	CALCAREOUS CLAY

SITE 148: LAT 13 DEG 25 MIN N; LONG 63 DEG 43 MIN W; DEPTH 1232 M (ANAL. BUDD)

SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA20	K20	P205	CL	LITHCLGY			
148	1	5	52	9.0	43.50	0.63	16.50	8.85	0.03	1.57	9.00	1.00	1.84	0.15	2.17	CALCAREOUS CLAY
148	2	3	135	15.0	38.30	0.52	13.60	5.92	0.04	1.24	17.00	0.60	1.61	0.14	1.62	CALCAREOUS CLAY
148	3	3	15	24.0	45.80	0.68	17.60	6.66	0.01	1.36	7.30	0.92	2.21	0.16	1.79	CALCAREOUS CLAY
148	4	4	147	33.0	25.50	0.48	9.30	4.12	0.02	1.18	28.50	0.68	1.10	0.11	1.55	CALCAREOUS CLAY
148	5	3	105	45.0	30.80	0.43	11.30	5.64	0.04	1.22	23.10	0.61	1.47	0.18	1.20	CALCAREOUS CLAY
148	6	6	62	55.0	40.20	0.62	15.20	5.34	0.04	1.48	14.30	1.03	1.92	0.14	1.35	CALCAREOUS CLAY
148	7	4	130	64.0	50.80	0.75	18.00	6.88	0.07	1.92	7.29	2.10	1.73	0.18	1.79	CALCAREOUS CLAY
148	8	4	5	73.0	46.20	0.68	17.30	5.21	0.04	1.95	5.14	1.92	1.77	0.13	1.66	CALCAREOUS CLAY
148	9	5	61	82.0	45.10	0.72	17.30	5.92	0.05	1.64	10.00	0.76	2.29	0.21	1.23	CALCAREOUS CLAY
148	10	4	113	91.0	47.90	0.73	18.40	7.12	0.05	2.00	8.25	2.00	1.66	0.18	1.71	HEMPELAGIC CLAY
148	11	6	81	103.0	49.40	0.79	17.10	6.26	0.04	1.55	8.01	0.81	2.14	0.16	0.89	CALCAREOUS CLAY
148	12	6	23	109.0	46.10	0.67	17.80	6.11	0.03	1.66	8.54	0.49	2.05	0.18	1.39	HEMPELAGIC CLAY
148	13	5	38	116.0	52.50	0.84	15.40	6.25	0.04	1.64	4.99	0.76	2.28	0.15	0.93	HEMPELAGIC CLAY
148	14	4	65	125.0	43.60	0.62	15.30	5.90	0.04	1.41	13.40	0.69	1.80	0.18	0.91	HEMPELAGIC CLAY
148	15	6	142	137.0	39.50	0.59	15.40	6.70	0.04	1.40	14.70	0.60	1.70	0.16	0.86	CALCAREOUS CLAY
148	16	4	103	145.0	39.30	0.59	14.50	4.75	0.03	1.33	17.20	0.53	1.67	0.20	0.84	HEMPELAGIC CLAY
148	17	6	75	156.0	51.10	0.82	21.10	6.91	0.04	1.74	3.89	0.72	2.40	0.13	0.83	CALCAREOUS CLAY
148	18	2	75	160.0	50.60	0.81	20.60	6.85	0.06	1.69	4.37	C.79	2.37	0.15	0.80	HEMPELAGIC CLAY
148	19	2	74	175.0	46.30	0.70	17.30	5.80	0.05	1.52	10.40	0.60	1.97	0.19	0.86	CALCAREOUS CLAY
148	20	6	80	184.0	50.00	0.74	15.40	7.01	0.05	1.94	5.53	0.83	2.52	0.15	0.90	CALCAREOUS CLAY
148	21	3	131	193.0	48.90	0.70	18.30	6.70	0.05	1.72	6.66	0.71	2.37	0.14	0.70	CALCAREOUS CLAY
148	22	3	36	203.0	47.50	0.74	18.20	5.81	0.03	1.75	6.76	1.05	2.24	0.13	0.80	CALCAREOUS CLAY
148	23	6	14	212.0	45.20	0.68	17.90	6.16	0.04	1.75	7.95	1.06	2.41	0.13	0.67	CALCAREOUS CLAY
148	24	6	119	221.0	42.20	0.67	16.30	5.54	0.06	1.61	13.20	0.61	2.07	0.16	0.75	CALCAREOUS CLAY
148	25	2	60	230.0	39.70	0.59	16.30	6.05	0.07	1.79	14.90	1.01	1.84	0.19	0.83	CALCAREOUS CLAY
148	26	2	130	240.0	45.50	0.69	18.30	6.25	0.06	1.81	6.90	1.05	2.61	0.09	0.73	CALCAREOUS CLAY
148	27	6	105	249.0	57.90	0.90	17.00	9.06	0.04	2.92	1.95	1.98	3.58	0.22	0.54	CALCAREOUS CLAY

SITE 150: LAT 14 DEG 31 MIN N; LONG 69 DEG 21 MIN W; DEPTH 4545M (ANAL. BUDD)

SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA20	K20	P205	CL	LITHCLGY		
150	2	1	78.0	44.30	0.80	22.70	7.70	0.12	2.00	0.40	1.16	2.52	0.15	1.19	CLAY
150	3	1	87.0	50.40	0.85	21.20	10.70	0.30	2.20	0.60	*****	2.50	0.14	*****	CLAY
150	4	1	97.0	51.40	0.75	20.30	8.20	0.67	2.60	1.10	1.89	2.17	0.38	1.28	CLAY
150	5	1	106.0	42.80	0.55	14.50	6.30	0.39	2.40	10.50	*****	1.75	0.20	*****	ZEOLITIC CLAY
150A	5	CC	114.0	49.30	0.60	13.30	6.80	0.70	2.80	6.70	2.07	2.47	0.45	1.31	ZEOLITIC CLAY
150A	2	CC	128.0	56.80	0.50	13.40	5.04	0.16	4.17	2.94	2.63	2.18	0.92	1.09	ZEOLITIC CLAY

SITE 151: LAT 15 DEG 1 MIN N; LONG 73 DEG 25 MIN W; DEPTH 2029 M (ANAL. MERRILL)

SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNC	MGO	CAO	NA20	K20	P205	CL	LITHCLGY			
151	1	3	35	64.0	21.80	0.33	9.10	4.25	0.10	1.07	32.20	0.57	1.16	0.09	1.31	MARL OOZE
151	1	5	6	67.0	15.50	0.22	6.20	2.39	0.06	0.82	40.20	0.57	0.75	0.09	1.23	MARL OOZE
151	2	3	108	121.0	23.80	0.31	9.00	3.48	0.04	1.03	30.30	0.65	1.25	0.10	0.83	MARL OOZE
151	3	1	18	181.0	40.20	0.39	13.60	3.39	0.04	1.75	14.40	1.09	2.01	0.06	0.83	CLAYEY CHALK OOZE
151	3	2	79	183.0	16.20	0.16	5.53	1.88	0.07	0.95	39.90	0.47	0.71	0.11	0.83	CLAYEY CHALK OOZE
151	3	3	65	184.0	23.60	0.16	4.41	1.60	0.12	0.83	45.00	0.55	0.76	0.14	0.90	CLAYEY CHALK OOZE
151	3	6	79	189.0	27.80	0.29	9.20	3.67	0.05	1.37	28.80	0.90	1.17	0.10	0.87	CLAYEY CHALK OOZE
151	4	2	81	239.0	18.30	0.22	4.68	2.89	0.07	0.95	40.20	0.58	0.45	0.11	1.43	CLAYEY CHALK OOZE
151	5	2	30	304.0	10.90	0.16	2.78	1.89	0.04	0.77	47.60	0.69	0.35	0.10	1.23	CHALK
151	6	1	130	312.0	12.10	0.08	3.09	1.19	0.03	0.74	46.60	0.54	0.36	0.08	0.63	CHALK
151	6	3	28	314.0	8.60	0.06	1.66	0.70	0.03	0.73	50.00	0.48	0.14	0.09	0.99	CHALK
151	7	1	142	321.0	8.00	0.04	1.70	0.72	0.04	0.73	46.90	0.49	0.14	0.09	0.95	CHALK
151	8	1	134	331.0	5.80	0.08	1.14	0.52	0.05	0.63	46.50	0.27	0.04	0.09	0.79	CHALK

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY
151 9 2	120 342.0	6.80	0.05	1.45	0.64	0.06	0.68	47.90	0.35	****	0.10	0.66	CHALK
151 11 3	101 362.0	13.10	0.08	3.22	1.01	0.05	1.48	41.10	0.65	****	0.17	1.17	CHALK
151 11 6	39 366.0	8.20	0.08	1.74	0.90	0.08	1.01	47.50	0.30	****	0.27	0.96	CHALK
SITE 152: LAT 15 DEG 53 MIN N; LCNG 74 DEG 36 MIN W; DEPTH 3899 M (ANAL BUDD)													
SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
152 1 CC	60 162.0	24.80	0.17	3.26	1.35	0.04	0.83	32.70	0.79	0.82	0.12	1.83	CHALK WITH RADS
152 2 CC	37 165.6	4.60	0.10	1.30	0.74	0.04	0.74	48.60	0.32	0.35	0.12	1.21	CHALK WITH RADS
152 2 CC	37 166.9	18.60	0.12	4.07	1.48	0.04	0.96	34.10	1.13	1.32	0.13	1.53	CHALK WITH RADS
152 3 CC	11 172.0	11.60	0.11	2.32	0.84	0.04	0.78	43.10	0.51	0.66	0.12	1.41	CHALK WITH RADS
152 3 CC	11 176.6	13.00	0.24	3.52	2.20	0.04	1.15	41.00	0.74	0.41	0.11	1.34	CHALK
152 3 CC	11 182.0	13.60	0.09	1.50	0.78	0.02	0.73	43.50	0.36	0.31	0.12	0.93	CHALK
152 4 CC	91 182.9	15.00	0.13	1.79	0.78	0.04	0.74	39.60	****	0.46	0.12	****	CHALK
152 6 CC	211.0	20.40	0.18	2.56	1.76	0.11	1.26	37.70	0.52	0.63	0.18	0.70	CHALK
152 7 CC	220.0	14.70	0.15	2.36	1.45	0.15	1.14	42.20	0.49	0.63	0.16	0.86	CHALK
152 8 CC	229.0	16.10	0.14	1.76	1.23	0.15	0.95	39.60	0.30	0.47	0.18	1.04	CHALK
152 9 CC	229.9	24.60	0.23	4.63	2.27	0.12	1.66	32.10	1.10	1.45	0.18	0.64	CHALK
152 9 CC	239.0	26.10	0.22	3.10	2.29	0.09	1.46	34.10	0.50	0.72	0.21	0.87	CHALK
152 10 CC	248.0	20.20	0.23	4.13	1.72	0.04	3.82	34.20	0.34	0.46	0.10	0.0	CHALK
152 12 CC	267.0	25.10	0.07	1.05	0.89	0.06	0.62	38.20	0.23	0.27	0.10	1.09	CHALK
152 14 1	105 277.1	7.40	0.06	0.72	0.59	0.06	0.49	48.90	0.17	0.22	0.10	1.02	CHALK
152 16 1	114 343.1	14.00	0.29	2.59	2.57	0.06	1.50	40.10	0.61	0.59	0.11	0.86	CHALK
152 16 2	14 343.6	20.50	0.76	3.93	3.28	0.02	1.62	34.40	0.74	1.12	0.12	0.52	CHALK
152 16 CC	351.0	5.40	0.04	0.50	0.44	0.04	0.39	51.60	0.09	0.16	0.08	0.70	CHALK
152 17 CC	407.0	6.50	0.07	0.65	0.51	0.06	0.44	51.40	0.14	0.23	0.09	0.46	CHALK
152 18 CC	416.0	8.00	0.10	0.96	0.64	0.04	0.58	50.10	0.42	0.33	0.09	0.45	CHALK
152 19 CC	425.0	11.60	0.21	1.16	0.84	0.04	0.59	46.50	0.17	0.37	0.12	0.46	CHALK
152 21 CC	462.0	7.30	0.04	0.38	0.61	0.08	0.37	51.50	0.12	0.23	0.08	0.29	CHALK
SITE 153: LAT 13 DEG 58 MIN N; LCNG 72 DEG 26 MIN W; DEPTH 3932 M (ANAL. BUDD)													
SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
153 4 1	301.0	53.00	0.53	18.60	6.74	0.04	****	1.70	****	3.14	0.04	****	PELAGIC CLAY
SITE 154: LAT 11 DEG 5 MIN N; LCNG 80 DEG 23 MIN W; DEPTH 3338 M (ANAL. BUDD)													
SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
154A 1 CC	10.0	34.40	0.68	14.10	6.29	0.27	1.85	17.80	0.94	1.52	0.17	1.33	MARL COZE
154A 2 CC	20.0	39.40	0.70	14.70	6.13	0.27	2.00	15.40	0.89	1.70	0.15	1.46	MARL COZE
154A 3 CC	29.0	42.80	0.71	15.00	7.23	0.20	2.12	12.40	1.14	1.81	0.11	1.28	MARL COZE
154A 4 CC	39.0	32.30	0.56	12.20	5.24	0.20	1.76	22.20	0.71	1.28	0.15	1.56	MARL COZE
154A 5 CC	49.0	34.70	0.62	13.30	6.16	0.23	1.85	17.70	0.81	1.53	0.09	1.36	MARL COZE
154A 6 CC	59.0	38.50	0.67	14.30	6.23	0.33	2.00	15.10	0.78	1.79	0.13	1.43	MARL COZE
154A 7 CC	68.0	35.70	0.56	13.30	6.34	0.27	2.07	18.00	0.87	1.49	0.14	1.28	MARL COZE
154A 8 CC	78.0	35.30	0.60	12.30	5.79	0.28	2.56	18.60	0.34	1.42	0.14	1.15	MARL COZE
154A 9 CC	87.0	36.60	0.58	13.40	5.52	0.27	2.06	16.90	0.55	1.57	0.12	1.83	MARL COZE
154A 10 CC	97.0	37.90	0.63	14.20	6.09	0.24	2.02	16.20	0.92	1.52	0.14	0.90	MARL COZE
154A 11 CC	106.0	35.20	0.61	13.30	6.96	0.20	2.08	17.40	0.71	1.47	0.13	0.92	MARL COZE
154A 12 CC	116.0	31.20	0.50	11.60	5.16	0.28	2.57	21.30	0.72	1.23	0.16	0.92	MARL COZE
154A 13 CC	125.0	36.50	0.64	13.90	6.52	0.18	1.99	16.40	0.79	1.58	0.13	0.91	MARL COZE
154A 14 CC	134.0	37.40	0.62	13.40	6.23	0.24	2.84	14.80	0.89	1.58	0.10	0.80	MARL COZE
154A 15 CC	144.0	33.90	0.55	12.20	5.33	0.19	3.30	19.20	0.82	1.37	0.13	0.65	MARL COZE
154A 16 CC	153.0	42.80	0.70	14.30	6.68	0.17	2.70	10.70	1.03	1.61	0.18	0.79	MARL COZE
154A 17 CC	163.0	57.50	0.64	15.90	6.74	0.10	2.52	4.21	2.86	2.49	0.18	0.29	SAND/CLAY
SITE 158: LAT 6 DEG 38 MIN N; LCNG 85 DEG 14 MIN W; DEPTH 1953 M (ANAL WALLAGE)													
SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY
158 1 3	73 3.7	29.90	0.60	9.90	4.86	0.0	2.22	22.30	1.20	0.96	0.16	2.85	CALC COZE WITH RADS
158 2 5	29 15.3	58.10	0.80	15.30	3.89	0.08	1.19	5.23	4.13	3.75	0.34	1.02	VOLCANIC ASH
158 2 5	50 15.5	35.10	0.65	11.30	5.10	0.04	2.07	21.80	2.05	1.22	0.26	0.60	CALC COZE WITH RADS
158 3 2	99 20.5	21.20	0.37	6.59	3.78	0.02	1.34	25.40	1.28	0.65	0.13	2.12	VOLCANIC ASP
158 3 6	83 26.3	19.40	0.32	5.30	2.63	0.0	1.37	36.80	0.83	0.61	0.15	1.74	CALC COZE WITH RADS
158 4 4	70 32.2	15.30	0.17	3.80	1.58	0.0	0.90	41.10	0.67	0.53	0.21	1.69	CALC COZE WITH RADS
158 5 6	76 4+3	11.00	0.13	2.30	1.68	0.0	0.66	41.90	0.48	0.25	0.18	1.47	CALC COZE WITH RADS
158 6 6	76 5+3	7.30	0.10	1.30	0.79	0.07	0.37	49.50	0.16	0.0	0.13	1.41	CALC COZE WITH RADS
158 7 6	76 6+3	6.70	0.06	1.30	0.25	0.0	0.31	49.20	0.22	0.16	0.12	1.25	CALC COZE WITH RADS
158 8 6	75 71.3	8.50	0.12	2.10	0.72	0.0	0.47	44.10	0.33	0.24	0.13	1.35	CALC COZE WITH RADS
158 9 6	76 80.3	11.30	0.14	2.70	0.89	0.0	0.55	44.80	0.53	0.27	0.15	1.47	CALC COZE WITH RADS

TABLE 3 - Continued

SAMPLE				DEPTH	SIO2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
158	10	6	76	89.3	9.40	0.11	2.00	0.52	0.0	0.40	46.00	0.40	0.35	0.14	1.41	CALC COZE WITH RADS
158	11	6	74	93.2	17.80	0.08	1.70	0.52	0.0	0.38	40.80	0.46	0.20	0.11	1.68	CALC COZE WITH RADS
158	12	6	75	107.3	8.30	0.06	1.20	0.18	0.0	0.29	46.40	0.28	0.07	0.11	1.24	CALC COZE WITH RADS
158	13	6	77	116.3	6.40	0.07	1.40	0.35	0.0	0.35	49.20	0.33	0.18	0.12	1.08	CALC COZE WITH RADS
158	14	6	77	125.3	15.30	0.08	1.50	0.52	0.0	0.35	42.60	0.0	0.13	0.12	1.75	CALC COZE WITH RADS
158	15	6	77	134.3	17.40	0.08	1.50	0.36	0.0	0.33	42.50	0.29	0.06	0.13	1.56	CALC COZE WITH RADS
158	16	6	76	143.3	13.40	0.09	1.50	0.36	0.0	0.36	43.80	0.26	0.14	0.14	1.28	CALC COZE WITH RADS
158	17	6	76	152.3	18.30	0.08	2.10	0.54	0.0	0.39	40.90	0.49	0.25	0.10	1.41	CALC COZE WITH RADS
158	18	6	74	161.2	16.80	0.11	1.30	0.30	0.0	0.32	41.70	0.19	0.13	0.11	1.33	CALC COZE WITH RADS
158	19	6	75	170.2	6.50	0.06	0.70	0.04	0.0	0.06	48.50	0.19	0.15	0.15	0.97	CALC COZE WITH RADS
158	20	6	75	179.2	7.10	0.08	1.30	0.25	0.0	0.34	47.90	0.21	0.13	0.09	1.18	CALC COZE WITH RADS
158	21	5	34	186.3	18.30	0.14	2.70	0.89	0.02	0.46	41.00	0.66	0.44	0.21	1.23	CALC COZE WITH RADS
158	22	6	75	197.2	23.20	0.14	2.00	1.25	0.02	0.59	35.30	0.38	0.27	0.17	1.77	CALC COZE WITH RADS
158	23	5	75	204.7	15.00	0.12	1.50	0.84	0.0	0.43	35.10	0.24	0.21	0.15	1.37	CALC COZE WITH RADS
158	24	3	77	210.8	47.90	0.61	5.10	4.79	0.03	1.56	16.10	1.12	0.57	0.52	2.40	CALC COZE WITH RADS
158	25	6	75	224.2	32.50	0.39	3.20	4.90	0.02	1.08	28.10	0.52	0.27	0.12	1.87	CALC COZE WITH RADS
158	26	6	77	233.3	23.00	0.06	0.95	0.69	0.08	0.28	36.30	0.07	0.0	0.14	2.01	CALC COZE WITH RADS
158	27	5	75	240.7	41.30	0.09	1.10	0.54	0.0	0.34	26.00	0.26	0.18	0.10	2.05	CALC COZE WITH RADS
SITE 159; LAT 12 DEG 19 MIN N; LGNG 122 DEG 17 MIN W; DEPTH 4484 M (ANAL. LI)																
SAMPLE				DEPTH	SIO2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
159	1	5	132D	7.3	47.40	0.63	13.30	6.18	0.04	2.53	0.84	1.86	2.92	0.18	4.14	CLAY
159	2	1	75 D	9.8	52.30	0.65	13.90	7.03	1.03	3.20	1.71	1.94	2.61	0.25	3.14	CLAY
159	2	2	108L	11.6	52.10	0.65	12.90	7.02	0.06	3.60	1.22	2.11	2.49	0.24	4.14	CLAY
159	2	3	98 D	13.0	51.70	0.66	13.40	7.32	1.50	3.26	1.51	2.13	2.64	0.34	3.20	CLAY
159	2	4	85 L	14.4	53.20	0.63	12.90	7.04	0.10	3.41	1.40	1.93	2.40	0.20	4.12	CLAY
159	2	5	76 D	15.8	52.10	0.62	13.10	8.41	1.64	2.96	1.70	2.04	2.73	0.21	3.06	CLAY
159	2	6	98 D	17.2	55.60	0.64	13.60	8.65	1.30	3.34	2.70	2.98	3.16	0.21	3.52	CLAY
159	3	1	63 D	18.6	51.80	0.63	13.10	7.83	1.10	3.02	2.19	2.69	3.02	0.28	2.42	MARL
159	3	6	85	26.4	51.80	0.61	12.30	8.52	1.22	3.02	2.59	2.13	2.89	0.20	3.22	CALCAREOUS CLAY
159	4	3	84	30.8	24.30	0.22	5.34	4.70	0.53	1.65	28.30	0.91	0.92	0.23	3.62	MARL
159	5	3	68 L	39.7	15.30	0.13	3.10	4.48	0.55	1.37	36.90	0.73	0.73	0.19	2.51	MARL
159	5	5	74 D	42.7	35.40	0.29	7.18	8.70	1.09	4.16	15.10	1.29	1.53	0.30	4.42	MARL
159	6	3	75 D	48.8	30.80	0.26	6.31	8.19	0.58	2.40	20.90	1.03	1.50	0.30	3.48	MARL
159	7	3	73 D	57.7	20.20	0.15	4.99	6.05	0.90	2.04	30.70	0.95	0.81	0.22	2.94	CLAY
159	7	4	45	59.0	8.40	0.06	1.50	2.58	0.38	0.89	45.00	0.44	0.26	0.14	1.48	MARL
159	7	5	87 D	60.9	20.10	0.16	3.97	6.16	0.58	1.82	31.20	0.84	0.85	0.25	2.96	MARL
159	8	4	95 D	63.4	13.50	0.11	2.28	4.69	0.93	1.31	38.30	0.74	0.59	0.23	2.26	CLAY
159	8	6	74	71.2	19.10	0.14	3.38	6.50	1.31	1.71	32.30	0.75	0.82	0.26	2.48	MARL
159	9	5	52 L	78.5	6.00	0.04	0.95	2.23	0.51	0.66	47.60	0.36	0.24	0.16	1.38	MARL
159	9	6	77 D	80.3	9.00	0.08	1.37	3.25	0.75	0.95	44.60	0.48	0.43	0.21	1.74	MARL
159	10	2	66 L	83.2	7.60	0.05	1.10	2.88	0.62	0.85	44.90	0.33	0.39	0.19	1.66	MARL
159	10	4	75 D	86.2	13.50	0.09	1.93	4.86	1.17	1.38	38.70	0.65	0.62	0.19	2.04	MARL
159	10	6	75 D	89.2	18.40	0.12	2.92	7.39	1.96	1.70	32.00	0.57	0.87	0.26	2.30	MARL
159	12	3	63 D	102.6	10.20	0.07	1.60	6.89	1.50	1.21	39.90	0.49	0.53	0.30	1.84	NANNOFOSSIL CHALK
159	12	6	76 D	107.3	10.50	0.06	1.39	6.12	1.86	1.13	39.80	0.41	0.51	0.26	1.76	NANNOFOSSIL CHALK
SITE 166; LAT 3 DEG 46 MIN N; LGNG 175 DEG 5 MIN W; DEPTH 4962 M (ANAL. WALLACE)																
SAMPLE				DEPTH	SIO2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
166	2	1	40	1.4	51.10	0.52	10.40	5.26	0.58	2.45	2.16	2.04	1.64	1.10	6.50	RADIOLARIAN OOZE
166	2	2	37	3.4	55.20	0.35	8.30	4.08	0.56	1.91	1.60	1.64	1.36	0.93	6.12	RADIOLARIAN OOZE
166	2	3	57	4.6	52.90	0.34	8.60	3.76	0.55	2.03	1.51	2.33	1.46	0.84	5.91	RADIOLARIAN OOZE
166	2	4	118	6.7	62.00	0.27	6.40	2.77	0.49	1.27	1.09	1.68	1.34	0.72	5.91	RADIOLARIAN OOZE
166	2	6	30	8.8	54.10	0.28	6.80	2.99	0.33	1.49	1.85	1.74	1.18	1.06	6.82	RADIOLARIAN OOZE
166	3	2	76	13.3	58.90	0.25	6.60	3.13	0.26	1.51	3.35	1.73	1.22	0.70	5.80	RADIOLARIAN OOZE
166	3	3	92	14.9	56.10	0.36	8.00	4.07	0.71	1.56	1.40	1.19	1.21	0.91	6.52	RADIOLARIAN OOZE
166	4	3	120	23.2	57.10	0.22	6.70	2.58	0.41	1.23	3.34	1.23	1.22	0.57	5.29	NANNO-RAD OOZE
166	4	6	94	28.4	57.90	0.25	7.10	2.69	0.21	1.45	2.70	1.68	1.19	0.55	5.50	NANNO-RAD OOZE
166	5	2	103	31.5	42.60	0.20	6.20	2.35	0.26	1.45	12.50	1.91	1.01	0.45	4.99	NANNO-RAD OOZE
166	5	5	82	35.8	47.50	0.21	6.60	2.88	0.20	1.51	10.70	1.58	1.10	0.45	4.95	NANNO-RAD OOZE
166	7	3	93	68.9	50.00	0.23	6.20	2.48	0.15	1.28	12.00	0.87	0.77	0.70	5.05	NANNO-RAD OOZE
166	7	6	76	73.3	49.70	0.26	7.30	3.30	0.34	1.75	7.40	2.16	1.10	0.75	5.08	NANNO-RAD OOZE
166	8	2	90	86.4	61.90	0.19	5.30	2.48	0.21	1.39	3.06	1.22	0.77	0.45	5.48	RADIOLARIAN OOZE
166	8	4	41	83.9	60.30	0.24	6.30	3.08	0.26	1.81	2.09	1.78	1.00	0.64	5.76	RADIOLARIAN OOZE
166	8	6	30	91.8	58.70	0.29	7.60	3.18	0.39	1.89	1.48	1.46	1.10	0.80	5.54	RADIOLARIAN OOZE
166	9	3	80	106.8	54.70	0.34	8.90	4.43	0.39	2.88	1.53	2.05	1.30	0.75	5.35	RADIOLARIAN OOZE
166	9	6	81	111.3	54.30	0.30	8.20	3.63	0.45	2.26	2.51	2.49	1.16	0.80	5.06	RADIOLARIAN OOZE
166	10	3	34	124.3	58.20	0.26	6.60	3.47	0.33	1.40	2.97	2.04	0.98	0.70	5.11	RADIOLARIAN OOZE
166	12	3	35	162.4	67.80	0.16	4.80	2.09	0.0	1.38	1.07	1.06	0.82	0.66	5.33	RADIOLARIAN OOZE
166	12	6	65	167.1	72.50	0.13	3.70	1.49	0.17	0.96	0.83	1.06	0.69	0.44	4.78	RADIOLARIAN OOZE



SAMPLE			DEPTH	SIC2	TI02	AL203	FE203	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHGLOGY	
166	13	3	66	172.7	66.00	0.16	4.90	1.90	0.30	1.41	1.24	1.43	0.96	0.90	4.89	RADICLARIAN CCZE
166	13	6	61	177.1	69.10	0.16	4.60	1.57	0.24	1.24	0.98	1.65	0.93	0.72	4.89	RADICLARIAN OOZE
166	14	3	62	181.6	70.50	0.09	2.30	0.93	0.06	0.78	0.36	0.65	0.38	0.41	4.58	RADICLARIAN OOZE
166	14	5	63	184.6	75.60	0.08	2.70	0.95	0.10	0.78	0.58	1.01	0.47	0.42	5.36	RADICLARIAN CCZE
166	16	3	54	192.5	79.50	0.06	1.90	0.61	0.15	0.60	0.62	0.57	0.41	0.39	4.02	RADICLARIAN OOZE
166	16	5	68	195.7	66.60	0.18	6.60	2.37	0.45	5.19	1.95	1.62	1.22	1.41	1.50	PELAGIC CLAY
166	16	6	32	196.8	65.00	0.15	6.20	2.19	0.43	5.02	1.79	1.68	1.17	1.38	1.89	PELAGIC CLAY

SITE 167: LAT 7 DEG 4 MIN N; LONG 176 DEG 50 MIN W; DEPTH 2176 M (ANAL. WALLACE)

SAMPLE			DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY
167	1	4	140	5.9	0.90	0.0	0.0	0.09	0.13	51.00	0.07	0.03	0.10	1.23	FORAM-NANNO OOZE
167	2	4	76	14.3	0.50	0.0	0.0	0.06	0.12	52.40	0.0	0.13	0.10	1.41	FORAM-NANNO OOZE
167	3	3	10	21.1	0.90	0.0	0.0	0.04	0.15	52.40	0.03	0.09	0.10	1.36	FORAM-NANNO OOZE
167	4	3	75	69.8	0.70	0.0	0.01	0.03	0.17	58.30	0.0	0.14	0.07	1.01	FORAM-NANNO OOZE
167	5	5	35	109.4	2.50	0.0	0.0	0.03	0.16	53.20	0.01	0.09	0.10	1.11	FORAM-NANNO OOZE
167	6	4	75	145.2	1.70	0.00	0.04	0.0	0.10	55.40	0.17	0.07	0.10	1.14	FORAM-NANNO OOZE
167	7	5	75	155.7	1.50	0.0	0.0	0.11	0.18	51.70	0.19	0.07	0.10	0.96	FORAM-NANNO OOZE
167	8	1	75	186.7	0.70	0.0	0.02	0.0	0.18	54.70	0.03	0.07	0.10	0.92	FORAM-NANNO OOZE
167	9	3	75	226.7	2.00	0.0	0.0	0.02	0.18	54.60	0.16	0.15	0.06	0.51	FORAM-NANNO CFALK
167	10	3	75	263.7	5.40	0.00	0.10	0.0	0.06	51.30	0.17	0.14	0.10	1.05	FORAM-NANNO CHALK
167	11	4	10	301.6	4.50	0.0	0.0	0.01	0.17	54.70	0.18	0.18	0.06	0.91	FORAM-NANNO CHALK
167	12	3	75	337.7	2.20	0.00	0.04	0.0	0.04	53.80	0.09	0.0	0.10	0.88	FORAM-NANNO CHALK
167	13	3	75	373.7	1.50	0.0	0.0	0.0	0.14	55.60	0.0	0.18	0.06	1.41	FORAM-NANNO CFALK
167	14	6	105	415.6	2.70	0.0	0.09	0.0	0.01	48.90	0.0	0.15	0.05	1.34	FORAM-NANNO CFALK
167	15	6	140	443.9	2.70	0.0	0.0	0.06	0.17	49.00	0.12	0.09	0.10	1.12	FORAM-NANNO CHALK
167	17	5	140	470.4	2.20	0.0	0.0	0.09	0.15	49.40	0.11	0.08	0.10	1.23	FORAM-NANNO CHALK
167	18	2	45	473.9	2.10	0.00	0.06	0.0	0.06	50.80	0.11	0.03	0.10	1.05	FORAM-NANNO CHALK
167	19	2	75	483.2	2.50	0.0	0.0	0.16	0.17	53.80	0.25	0.09	0.10	0.68	RAD-FOR.NAN. CHALK
167	20	2	75	493.2	3.30	0.00	0.19	0.0	0.06	0.21	0.26	0.15	0.06	0.66	0.0
167	21	6	75	508.2	7.30	0.0	0.0	0.06	0.16	52.80	0.23	0.15	0.08	1.06	RAD-FOR.NAN. CHALK
167	22	1	145	510.4	4.40	0.0	0.0	0.04	0.15	54.40	0.07	0.08	0.10	1.04	RAD-FOR.NAN. CHALK
167	23	5	145	526.4	3.20	0.0	0.0	0.05	0.13	54.90	0.06	0.12	0.07	1.26	RAD-FOR.NAN. CHALK
167	24	1	145	529.4	1.50	0.00	0.15	0.0	0.08	51.30	0.12	0.21	0.05	0.99	RAD-FOR.NAN. CHALK
167	25		CC	541.0	8.30	0.0	0.0	0.03	0.13	53.30	0.13	0.19	0.09	0.70	RAD-FOR.NAN. CHALK
167	26		CC10	546.0	8.30	0.00	0.20	0.0	0.10	60.90	0.10	0.14	0.09	0.72	RAD-FOR.NAN. CHALK
167	27		CC	555.0	3.60	0.0	0.0	0.02	0.12	52.70	0.13	0.19	0.08	1.22	RAD-FOR.NAN. CHALK
167	28	2	145	557.9	6.00	0.00	0.00	0.11	0.14	47.40	0.25	0.05	0.10	0.77	RAD-FOR.NAN. CHALK
167	28		CC	564.0	5.50	0.00	0.15	0.0	0.07	45.50	0.02	0.07	0.10	0.66	RAD-FOR.NAN. CHALK

SITE 173: 35 DEG 58 MIN N LAT; 125 DEG 27 MIN W LONG; DEPTH 2927 M (ANAL WALLACE)

SAMPLE			DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY	
173	1	4	73	5.2	56.50	0.73	14.50	7.07	0.07	3.27	3.09	1.97	2.23	0.15	1.67	SILTY CLAY
173	3	6	73	23.2	54.40	0.71	14.40	6.90	0.08	3.23	4.81	1.55	2.80	0.15	1.42	SILTY CLAY
173	5	5	82	40.8	60.10	0.77	15.30	6.52	0.07	3.25	1.46	2.26	2.48	0.15	1.35	SILTY CLAY
173	7	4	98	58.5	60.80	0.73	14.50	6.51	0.08	3.19	2.01	2.26	2.21	0.13	1.32	SILTY CLAY
173	9	6	75	80.3	58.00	0.64	13.20	6.06	0.09	2.78	5.08	2.23	1.95	0.18	1.09	SILTY CLAY
173	11	4	74	96.2	58.00	0.68	13.90	7.13	0.07	2.75	3.91	2.20	2.08	0.13	1.18	SILTY CLAY
173	13	6	82	118.3	49.20	0.59	12.10	5.73	0.10	2.47	11.10	1.92	1.83	0.15	1.01	DIATCM. SILTY CLAY
173	15	4	74	134.2	63.60	0.56	11.30	4.75	0.05	2.23	2.66	2.00	1.68	0.12	1.78	SILTY CLAY
173	16	3	73	142.2	62.80	0.47	9.50	4.25	0.04	2.30	5.16	1.61	1.49	0.12	1.84	DIATOMITE
173	18	3	75	161.3	46.70	0.19	4.13	2.04	0.05	1.06	21.30	0.92	0.57	0.10	2.07	CALC. DIATCMITE
173	20	3	75	180.3	51.50	0.32	6.75	4.41	0.05	1.48	14.90	1.00	0.92	0.10	1.86	CALC. DIATCMITE
173	22	5	61	202.3	76.50	0.24	5.10	2.07	0.04	1.14	2.42	0.58	0.76	0.09	2.74	CALC. DIATCMITE
173	22	5	79	202.3	63.30	0.22	4.22	2.20	0.04	1.05	11.20	1.02	0.64	0.09	2.14	CALC. DIATCMITE
173	24	5	80	221.3	62.70	0.25	5.11	2.88	0.02	1.36	10.20	0.67	0.75	0.09	2.17	CALC. DIATCMITE
173	24	5	117	221.7	69.90	0.25	5.14	2.69	0.02	1.36	5.53	0.56	0.76	0.09	2.40	CALC. DIATCMITE
173	26	4	78	238.8	58.20	0.30	6.45	3.61	0.03	1.66	10.20	1.07	0.97	0.11	1.90	CALC. DIATCMITE

SITE 178: 56 DEG 57 MIN N LAT; 147 DEG 8 MIN W LONG; DEPTH 4218 M (ANAL WALLACE)

SAMPLE			DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY	
178	2	1	117	7.2	65.80	0.57	11.10	5.87	0.15	2.90	2.62	2.05	1.57	0.16	2.44	SILTY CLAY
178	4	4	112	29.6	56.30	0.83	15.40	9.30	0.20	4.16	3.15	2.50	2.23	0.18	1.47	SILTY CLAY
178	4	4	137	29.9	57.50	0.92	17.00	8.98	0.23	4.30	3.24	2.57	2.34	0.32	0.77	SILTY CLAY
178	8	4	86	65.4	61.20	0.79	16.30	7.74	0.12	3.70	2.73	2.73	2.34	0.22	0.73	SILTY CLAY
178	12	2	31	97.8	57.40	0.81	15.40	8.18	0.14	4.03	2.79	2.61	2.44	0.19	1.23	SILTY CLAY
178	12	2	84	98.3	56.00	0.91	16.40	5.88	0.21	4.63	3.35	2.64	2.30	0.25	0.90	SILTY CLAY
178	15	2	50	125.0	56.90	0.85	16.00	8.44	0.15	3.69	2.75	2.26	2.22	0.18	1.05	DIATCM. SILTY CLAY
178	20	4	87	173.4	59.20	0.86	16.00	8.76	0.12	3.79	2.36	2.44	2.56	0.21	0.70	SILTY CLAY

TABLE 3 - Continued

SAMPLE				DEPTH	SIQ2	TIQ2	AL2O3	FE2O3	MNU	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY
178	24	3	80	207.8	63.00	0.63	12.40	7.82	0.16	3.13	1.72	2.04	1.77	0.11	1.52	SILTY CLAY
178	25	4	65	216.2	53.80	0.88	16.00	8.77	0.21	4.45	5.18	2.59	2.58	0.24	0.71	SILTY CLAY
178	29	4	84	254.3	53.00	0.89	16.10	8.64	0.19	4.63	5.57	2.56	2.53	0.23	0.66	SILTY CLAY
178	33	2	74	317.7	56.50	0.92	17.50	8.91	0.29	4.14	2.09	2.56	2.41	0.23	0.73	SILTY CLAY
178	34	3	80	328.8	65.00	0.78	15.20	6.04	0.08	3.05	3.19	3.24	1.92	0.21	0.82	DIATCMACECLS CLAY
178	38	1	88	382.9	63.80	0.74	13.10	8.12	0.10	2.98	1.51	1.52	1.93	0.13	0.97	CLAYEY DIATCM OOZE
178	44	6	111	464.6	63.50	0.67	13.10	7.23	0.28	3.04	1.69	2.16	2.18	0.14	1.15	CLAYEY DIATCM OOZE
178	46	2	63	498.1	63.50	0.83	15.00	8.19	0.09	2.71	1.60	2.61	2.12	0.17	0.61	SILTY CLAY
178	46	2	91	498.4	58.50	0.94	16.80	8.10	0.12	3.83	2.57	2.89	2.32	0.21	0.64	SILTY CLAY
178	50	2	98	631.5	62.50	0.77	15.20	7.68	0.09	3.35	1.79	3.37	2.14	0.17	0.73	DIATCMITE
178	52	1	82	680.8	60.20	0.95	16.80	8.14	0.10	3.23	1.51	2.31	2.56	0.15	0.53	DIATCMITE
178	54	1	128	743.3	52.40	0.62	11.50	6.87	0.74	2.73	7.64	1.72	0.98	0.25	0.40	CLAYSTONE
178	54	2	78	744.3	58.40	0.56	11.60	6.24	0.92	2.27	2.91	2.00	1.40	0.23	0.98	CLAYSTONE
178	54	4	73	747.2	59.90	0.73	13.50	8.29	0.41	3.65	1.80	2.39	1.37	0.28	0.54	CLAYSTONE
178	54	5	18	748.2	37.40	0.60	10.20	7.04	1.14	2.47	18.40	1.61	0.92	0.22	0.52	CALC. CLAYSTONE
178	54	5	114	749.1	56.30	0.97	14.90	10.70	0.39	3.75	1.74	2.54	1.87	0.23	0.25	CLAYSTONE
178	54	CC		768.0	54.50	0.68	15.00	11.60	0.24	3.58	2.36	2.00	1.86	0.72	0.40	CLAY SHALE
178	57	1	116	769.2	53.40	0.80	16.60	8.15	1.79	3.61	2.05	2.05	1.68	0.53	0.33	CLAY SHALE
SITE 183: LAT 52 DEG 34 MIN N; LONG 161 DEG 13 MIN W; DEPTH 4708 M (ANAL LI)																
SAMPLE				DEPTH	SIQ2	TIQ2	AL2O3	FE2O3	MNC	MGC	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY
183	1	2	41	1.9	54.70	0.80	14.40	7.60	0.12	2.76	2.51	3.07	2.01	0.18	1.42	SILICEOUS CLAY
183	2	1	131	4.3	57.00	0.80	15.00	6.76	0.13	2.80	2.65	2.65	2.10	0.19	1.25	SILICEOUS CLAY
183	3	3	43	6.4	52.80	0.94	15.20	8.28	0.15	3.28	4.13	3.19	1.80	0.17	1.65	SILICEOUS CLAY
183	3	1	44	12.4	57.20	0.84	14.20	7.15	0.15	2.56	4.23	2.93	1.35	0.16	1.61	SILICEOUS CLAY
183	4	1	126	22.3	59.10	0.82	14.90	7.20	0.16	2.68	2.97	2.87	2.00	0.19	1.21	SILICEOUS CLAY
183	4	4	53	26.0	59.30	0.66	13.70	5.25	0.18	1.00	2.37	4.92	2.82	0.24	1.20	VOLCANIC ASH
183	5	2	84	32.3	61.60	0.74	14.90	6.22	0.12	2.65	2.28	2.48	2.20	0.17	1.48	SILICEOUS CLAY
183	5	5	66	36.7	61.60	0.81	15.50	7.19	0.15	3.02	2.63	3.02	2.21	0.18	1.52	SILICEOUS CLAY
183	6	2	128	42.8	53.60	0.72	14.60	6.95	0.11	2.69	2.34	2.85	2.34	0.15	1.52	SILICEOUS CLAY
183	6	3	130	44.3	54.70	0.97	15.20	7.64	0.16	2.72	3.66	3.02	1.81	0.22	0.88	VOLCANIC ASH
183	7	1	88	49.9	51.40	0.88	14.80	8.14	0.14	3.27	3.26	3.16	1.98	0.17	1.32	SILICEOUS CLAY
183	7	4	54	54.0	52.50	1.00	14.50	8.70	0.20	3.26	5.00	3.00	1.47	0.18	1.73	VOLCANIC ASH
183	8	1	129	60.3	63.50	0.46	13.70	4.29	0.10	1.43	1.95	3.49	3.51	0.10	1.30	SILICEOUS CLAY
183	8	4	41	63.9	63.50	0.66	10.60	6.03	0.16	2.32	1.91	2.31	2.03	0.14	2.13	SILICEOUS CLAY
183	9	2	113	70.6	61.70	0.68	14.10	4.67	0.15	1.88	2.45	3.35	2.58	0.16	1.16	VOLCANIC ASH
183	9	5	33A	74.3	54.80	0.86	15.00	6.49	0.14	2.30	3.85	3.17	1.90	0.19	1.10	VOLCANIC ASH
183	10	2	92	80.4	59.90	0.82	15.00	7.11	0.14	2.71	3.02	0.81	2.01	0.17	1.30	SILICEOUS CLAY
183	11	1	46A	99.5	62.30	0.73	15.00	6.31	0.10	2.43	2.59	2.69	1.90	0.17	1.25	VOLCANIC ASH
183	11	3	57	102.6	54.50	0.80	15.80	7.06	0.13	2.99	2.27	2.70	2.17	0.16	1.45	SILICEOUS CLAY
183	11	5	60	105.6	56.20	1.18	16.00	8.82	0.16	2.72	5.08	3.50	1.37	0.21	0.93	SILICEOUS CLAY
183	12	1	64	113.6	63.30	0.69	13.90	5.21	0.11	2.39	1.57	2.33	1.90	0.13	1.59	SILICEOUS CLAY
183	12	3	18	121.2	57.50	0.84	14.40	7.02	0.12	2.52	3.31	3.05	1.79	0.14	1.83	SILICEOUS CLAY
183	12	5	118	125.2	80.50	0.21	4.40	1.85	0.03	0.93	0.43	1.32	0.72	0.04	2.25	SILICEOUS CLAY
183	13	2	14	128.6	56.10	1.19	15.40	9.06	0.16	2.56	6.01	3.56	0.98	0.18	0.49	VOLCANIC ASH
183	13	4	87	132.4	66.10	0.52	10.90	4.11	0.10	1.18	1.80	3.25	1.88	0.12	2.43	SILICEOUS CLAY
183	13	6	103	135.5	63.80	0.73	11.40	5.72	0.14	1.81	3.02	2.87	1.33	0.14	2.03	SILICEOUS CLAY
183	14	1	145	137.5	71.70	0.41	7.78	3.19	0.08	1.03	1.39	1.70	1.23	0.07	2.78	SILICEOUS CLAY
183	15	2	103	143.5	79.40	0.20	3.62	1.81	0.14	0.73	0.48	1.77	0.63	0.03	1.96	SILICEOUS CLAY
183	15	4	64	151.1	74.00	0.31	6.75	3.01	0.11	1.03	1.20	1.64	1.18	0.06	2.20	SILICEOUS CLAY
183	15	6	87	154.4	60.90	0.86	13.00	6.43	0.11	2.09	3.80	2.77	1.62	0.19	1.38	SILICEOUS CLAY
183	17	2	138	166.9	79.40	0.19	3.94	1.49	0.10	0.65	0.36	1.17	0.90	0.03	2.75	SILICEOUS CLAY
183	17	4	140	169.9	76.80	0.31	5.00	1.90	0.16	0.76	1.05	1.22	0.90	0.08	2.25	SILICEOUS CLAY
183	17	6	98	172.5	74.40	0.19	3.64	1.79	2.03	0.85	0.54	1.29	0.58	0.06	2.31	SILICEOUS CLAY
183	18	1	119	174.2	64.70	0.73	13.10	5.30	0.11	2.03	2.93	3.28	1.49	0.15	0.58	CFERT
183	18	2	40	174.9	65.60	0.53	9.00	4.13	0.13	1.44	1.95	2.21	1.31	0.10	2.27	SILICEOUS CLAY
183	18	3	94	176.9	78.60	0.21	4.40	1.69	0.22	0.67	0.75	1.39	0.85	0.06	2.80	SILICEOUS CLAY
183	18	4	59	178.1	64.50	0.73	5.20	5.29	0.11	1.79	3.31	2.10	0.99	0.14	1.82	SILICEOUS CLAY
183	19	1	96	184.0	66.90	0.60	10.40	4.03	0.16	1.10	2.07	2.94	1.68	0.14	2.04	SILICEOUS CLAY
183	19	2	103	185.5	67.50	0.48	8.60	4.31	0.18	1.54	1.93	2.28	1.20	0.08	2.66	SILICEOUS CLAY
183	19	3	60	186.6	57.30	0.77	12.00	5.49	1.77	1.65	3.21	3.29	1.57	0.17	1.93	SILICEOUS CLAY
183	19	4	103	188.5	67.80	0.52	8.00	4.15	0.40	1.49	1.57	2.07	1.24	0.08	2.54	SILICEOUS CLAY
183	20	1	135	193.4	70.60	0.36	7.60	2.60	0.42	0.81	1.44	2.29	1.38	0.10	2.37	SILICEOUS CLAY
183	20	2	41	193.9	72.80	0.30	6.00	2.43	0.46	0.87	1.13	2.01	1.08	0.08	2.51	SILICEOUS CLAY
SITE 191: LAT 56 DEG 57 MIN N; LONG 168 DEG 11 MIN E; DEPTH 3854 M (ANAL WALLACE)																
SAMPLE				DEPTH	SIQ2	TIQ2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
191B	1	3	87	3.9	65.20	0.69	13.00	5.09	0.09	2.26	3.31	2.57	1.75	0.17	1.02	CLAYEY DIATCM OOZE
191	2	3	98	5.0	60.70	0.82	15.00	6.76	0.18	3.04	2.38	2.19	2.28	0.19	1.37	SILTY CLAY
191A	1	6	70	22.2	58.50	0.76	14.80	7.91	0.0	0.56	2.38	2.16	2.15	0.20	1.33	SILTY CLAY

SAMPLE		DEPTH	SI02	TI02	AL203	FE203	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
191A	2	2	76	25.3	60.60	0.72	15.30	6.25	0.23	3.04	2.02	2.05	2.24	2.02	CLAYEY DIATCM OOZE
191A	4	6	97	49.5	69.10	0.58	12.70	4.27	0.26	1.97	2.67	2.43	2.28	0.18	SILTY CLAY
191	4	1	69	78.7	63.10	0.60	11.50	5.91	0.06	2.70	1.59	2.10	1.69	0.13	SILTY DIATCM OOZE
191	5	5	70	140.7	63.40	0.82	15.30	6.46	0.12	2.74	2.33	2.29	2.47	0.20	CLAYEY SILT
191	6	2	118	173.7	62.50	0.82	15.00	6.30	0.09	2.85	2.23	2.82	2.04	0.17	CLAYEY SILT
191	7	2	98	229.5	62.20	0.77	14.70	7.28	0.09	2.67	1.85	2.00	2.54	0.18	CLAYEY SILT
191	8	2	97	276.5	63.00	0.75	14.50	6.36	0.09	2.07	1.99	2.29	2.18	0.17	DIATCM. CLAYEY SILT
191	9	1	91	321.9	62.90	0.81	15.00	6.97	0.08	2.98	1.84	2.09	2.72	0.18	SILTY CLAY
191	10	3	92	387.9	61.90	0.80	15.00	6.72	0.07	2.82	2.18	2.24	2.30	0.17	SILTY CLAY
191	11	2	108	434.6	59.10	0.78	14.20	6.54	0.99	3.12	2.77	1.91	2.43	0.20	SILTY CLAY
191	12	2	48	522.0	71.90	0.47	9.95	4.74	0.04	2.31	1.45	1.61	1.42	0.11	CLAYEY DIATCM OOZE
191	13	2	48	622.0	72.20	0.50	10.70	5.33	0.06	2.16	0.96	1.72	1.88	0.10	SILTY CLAY
191	14	2	48	725.0	73.50	0.49	10.80	4.70	0.03	2.30	0.78	1.60	2.15	0.09	SILTY CLAY

SITE 192; LAT 53 DEG 1 MIN N; LONG 164 DEG 43 MIN E; DEPTH 3014 M (ANAL WALLAGE)

SAMPLE		DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
192	1	1	131	1.3	62.20	0.76	14.80	6.42	0.09	2.22	2.24	2.25	2.49	0.14	DIATCM. SILTY CLAY
192	2	4	58	6.1	61.40	0.68	14.60	6.30	0.15	2.30	2.57	2.18	2.22	0.14	DIATCM. SILTY CLAY
192	3	4	58	15.1	62.20	0.70	14.50	6.58	0.14	1.91	2.62	2.00	2.26	0.13	DIATCM. SILTY CLAY
192	4	5	94A	25.9	67.10	0.62	13.10	3.48	0.15	0.81	1.97	4.88	2.47	0.12	VOLCANIC ASH
192	4	6	66	27.2	62.00	0.68	13.80	6.76	0.14	2.24	2.56	1.57	1.95	0.13	DIATCM. SILTY CLAY
192	5	4	92A	33.4	65.00	0.54	13.30	3.97	0.12	0.65	2.45	4.57	2.78	0.30	VOLCANIC ASH
192	5	5	65	34.7	59.60	0.70	13.50	7.04	0.10	2.39	1.72	1.96	2.17	0.13	DIATCM. SILTY CLAY
192	6	2	63	57.1	65.00	0.62	12.10	5.64	0.10	2.33	1.47	1.51	1.93	0.11	DIATCM. SILTY CLAY
192	7	4	31	78.8	62.00	0.46	9.40	20.70	0.39	2.32	1.03	1.31	2.07	0.09	VOLCANIC ASH
192	8	5	54A	98.5	59.90	0.80	14.00	5.53	0.29	1.48	4.68	5.17	2.03	0.25	VOLCANIC ASH
192	9	6	57	129.1	59.30	0.71	14.00	7.58	0.10	2.76	1.37	1.74	2.39	0.13	DIATCM. SILTY CLAY
192	10	5	91	156.1	65.70	0.54	11.00	5.57	0.09	2.11	1.08	1.42	1.69	0.08	DIATCM. SILTY CLAY
192	11	2	100	178.5	67.80	0.48	10.60	5.49	0.05	2.00	1.07	1.29	1.68	0.08	DIATCM. SILTY CLAY
192	12	4	64	209.1	66.50	0.47	9.40	4.92	0.02	1.84	3.02	1.26	1.45	0.02	DIATCM. SILTY CLAY
192	13	3	124A	236.2	62.90	0.73	11.20	5.09	0.10	1.70	3.08	3.27	1.59	0.18	VOLCANIC ASH
192	13	5	50	238.5	70.50	0.48	8.40	4.38	0.0	1.43	1.96	1.35	1.17	0.08	DIATCM. SILTY CLAY
192	14	3	90	253.9	72.50	0.36	7.20	3.92	0.0	1.36	0.87	1.06	1.06	0.05	DIATCM. SILTY CLAY
192	15	4	60	274.1	68.90	0.48	9.80	5.13	0.02	1.86	0.63	0.77	1.43	0.06	DIATCM. SILTY CLAY
192	16	3	84	300.8	75.20	0.31	6.30	4.05	0.06	1.24	0.60	0.93	0.94	0.05	DIATCM. SILTY CLAY
192	17	3	70	328.7	66.80	0.49	10.10	5.32	0.09	1.94	1.31	1.19	1.56	0.08	DIATCM. SILTY CLAY
192	18	6	74	361.2	66.60	0.51	10.20	5.85	0.02	1.93	0.04	3.01	1.59	0.08	DIATCM. SILTY CLAY
192	19	2	71	393.2	63.10	0.59	11.80	6.29	0.11	2.31	1.76	1.66	1.80	0.09	DIATCM. SILTY CLAY
192	20	1	50	429.5	65.20	0.60	12.40	5.00	0.07	2.09	1.41	1.78	1.85	0.10	DIATCM. SILTY CLAY
192	21	2	60	477.1	70.40	0.45	9.00	3.96	0.07	1.61	1.56	1.13	1.31	0.07	DIATCM. SILTY CLAY
192	22	1	94	522.9	59.10	0.69	13.80	6.89	0.05	3.02	1.60	1.96	2.09	0.11	DIATCM. SILTY CLAY
192	23	2	100	571.5	63.20	0.66	13.20	6.12	0.10	2.30	1.14	1.63	1.95	0.09	DIATCM. SILTY CLAY
192	24	2	98	627.5	62.00	0.68	13.80	6.52	0.10	2.45	1.17	1.63	1.99	0.09	DIATCM. SILTY CLAY
192	25	2	71	673.2	71.70	0.47	9.50	4.01	0.09	1.61	0.77	1.22	1.36	0.06	DIATCM. SILTY CLAY
192	26	2	83	711.3	71.70	0.47	9.50	4.01	0.09	1.61	0.77	1.22	1.36	0.06	SILTY DIA. CLAYSTONE
192	27	5	87	752.9	67.50	0.58	11.60	6.33	0.07	2.01	1.03	2.18	1.75	0.09	CLAYEY LIMESTONE
192	28	1	57	784.6	61.40	0.66	14.50	7.04	0.09	2.42	1.89	1.83	2.03	0.10	SILTY CLAYSTONE
192	29	1	FRAG	793.0	42.40	0.36	7.90	3.95	0.26	1.33	21.70	1.46	1.12	0.11	CLAYEY LIMESTONE
192	30	3	89	852.9	63.80	0.74	15.60	6.48	0.08	2.21	1.03	2.40	2.24	0.11	CLAYSTONE
192	31	2	68	898.2	66.40	0.69	14.40	5.83	0.05	2.14	0.95	2.07	2.16	0.12	CLAYSTONE
192	32	3	95	909.0	70.30	0.53	12.40	5.51	0.10	2.25	1.16	2.15	1.61	0.10	CLAYSTONE
192	33	3	83	915.8	53.50	0.44	9.90	5.00	0.40	1.82	12.70	1.51	1.49	0.13	CHALK
192	34	6	70	930.2	56.70	0.53	10.70	6.09	0.30	2.46	8.70	2.57	1.54	0.20	CLAYSTONE
192	35	2	81	934.3	62.60	0.60	12.40	6.88	0.13	3.17	3.70	2.24	1.57	0.17	CLAYSTONE
192A	1	2	73	944.2	28.50	0.24	5.30	3.15	0.41	1.38	30.50	0.56	0.79	0.09	CHALK
192A	2	1	70	948.7	28.00	0.22	4.80	3.00	0.42	1.19	34.90	0.65	0.72	0.05	CHALK
192A	2	2	90	951.9	65.10	0.52	10.80	6.71	0.84	2.64	3.07	3.10	0.94	0.32	CHALK
192A	2	2	51	953.0	66.30	0.56	10.70	6.79	0.82	2.67	2.65	2.69	0.93	0.21	CLAYSTONE
192A	2	2	96	953.5	63.40	0.61	11.10	8.28	0.42	3.81	2.64	2.25	1.00	0.20	CHALK
192A	2	3	111	955.1	58.50	0.82	12.30	8.39	0.15	3.56	2.63	2.56	1.09	0.17	CLAYSTONE
192A	2	4	53	956.4	57.80	0.96	13.70	5.24	0.14	3.93	2.92	3.13	1.18	0.15	CLAYSTONE
192A	2	6	42	958.9	6.00	0.06	1.30	0.70	0.55	0.36	50.00	0.25	0.16	0.05	CHALK
192A	3	2	102	985.5	54.30	1.04	14.60	5.94	0.08	4.66	3.77	2.98	0.75	0.17	CLAYEY CHALK
192A	3	3	88	986.9	21.40	0.26	4.80	3.51	0.41	1.60	36.00	0.77	0.42	0.16	CLAYEY CHALK
192A	4	1	140	1019.0	53.20	1.12	14.20	11.10	0.07	5.14	1.79	1.81	4.88	0.11	CLAYSTONE
192A	4	2	145	1021.0	50.20	0.96	13.40	8.34	0.14	5.10	5.73	1.70	3.33	0.21	CLAYSTONE
192A	4	3	122	1022.0	34.60	0.51	3.80	7.94	0.17	3.10	20.40	1.15	2.60	0.70	CLAYSTONE
192A	4	4	33	1023.0	15.00	0.26	4.00	2.94	0.23	1.60	23.00	0.45	1.38	0.12	FERRUG. CLAYSTONE
192A	5	0	20	1043.0	28.80	0.54	6.10	7.92	0.58	3.63	24.00	1.65	0.89	0.26	CHALK
192A	5	1	78	1044.0	28.00	0.56	5.40	8.23	0.14	2.86	27.90	1.01	1.16	0.15	LIMESTONE



TABLE 3 - Continued

SITE 206; LAT 32 DEG 1 MIN S; LONG 165 DEG 27 MIN E; DEPTH 3196 M (ANAL WALLACE)														
SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY	
206 2 5	79	10.8	7.70	0.08	1.63	0.47	0.03	0.29	43.40	0.34	0.26	0.08	1.05	FORAM-NANNO OOZE
206 4 6	129	30.8	6.60	0.10	1.82	0.80	0.06	0.33	46.80	0.19	0.30	0.08	1.16	FORAM-NANNO OOZE
206 6 6	86	48.4	9.20	0.12	2.24	0.92	0.04	0.37	40.80	0.32	0.43	0.09	1.31	FORAM-NANNO OOZE
206 8 6	36	66.4	9.20	0.12	2.47	0.95	0.04	0.43	51.90	0.39	0.45	0.06	0.99	FORAM-NANNO OOZE
206 10 4	84	85.3	22.30	0.34	4.50	2.52	0.05	1.06	28.00	1.10	1.29	0.09	1.02	FORAM-NANNO OOZE
206 12 6	36	105.9	9.60	0.15	2.71	1.30	0.01	0.44	35.60	0.42	0.41	0.05	1.07	FORAM-NANNO OOZE
206 14 6	83	124.3	4.60	0.04	1.00	0.56	0.03	0.23	44.60	0.21	0.13	0.08	1.04	FORAM-NANNO OOZE
206 16 6	112	142.6	2.50	0.02	0.54	0.32	0.02	0.18	49.60	0.09	0.08	0.09	1.04	FORAM-NANNO OOZE
206 18 6	115	160.7	4.00	0.06	0.98	0.28	0.03	0.25	46.30	0.21	0.14	0.08	0.98	FORAM-NANNO OOZE
206 19 5	130	172.3	2.50	0.02	0.50	0.25	0.01	0.17	50.60	0.22	0.05	0.06	0.93	FORAM-NANNO OOZE
206 21 6	118	191.7	4.60	0.03	0.98	0.39	0.01	0.20	48.40	0.20	0.12	0.07	1.12	FORAM-NANNO OOZE
206 22 6	112	200.6	4.20	0.03	0.85	0.35	0.03	0.15	46.20	0.34	0.08	0.06	0.85	FORAM-NANNO OOZE
206 23 2	66	203.2	4.60	0.06	1.05	0.64	0.03	0.19	48.00	0.19	0.13	0.06	1.00	FORAM-NANNO OOZE
206 24 6	114	218.6	2.50	0.04	0.56	0.18	0.03	0.13	46.40	0.09	0.05	0.06	0.74	FORAM-NANNO OOZE
206 25 1	126	220.3	2.40	0.02	0.48	0.12	0.01	0.14	49.20	0.18	0.06	0.05	1.01	FORAM-NANNO OOZE
206 26 3	133	232.3	3.50	0.06	0.78	0.35	0.03	0.16	49.60	0.36	0.07	0.05	1.15	FORAM-NANNO OOZE
206 28 4	70	255.2	3.50	0.03	0.69	0.32	0.01	0.14	48.30	0.11	0.09	0.05	0.98	FORAM-NANNO OOZE
206 30 4	83	273.3	5.40	0.06	1.19	1.28	0.02	0.20	46.70	0.30	0.14	0.06	0.85	FORAM-NANNO OOZE
206 32 3	84	289.8	3.00	0.02	0.53	0.28	0.03	0.14	47.50	0.18	0.05	0.06	1.05	FORAM-NANNO OOZE
206 34 2	79	306.3	6.30	0.06	1.24	0.52	0.06	0.31	45.90	0.14	0.15	0.06	0.54	CLAYEY CALC. OOZE
206 36 2	110	324.6	5.40	0.06	1.09	0.56	0.05	0.23	44.50	0.40	0.13	0.07	0.95	CLAYEY CALC. OOZE
206 38 2	90	346.4	6.60	0.07	1.35	0.72	0.05	0.31	44.00	0.32	0.20	0.07	0.82	CLAYEY CALC. OOZE
206 40 2	111	364.6	9.20	0.08	1.62	0.85	0.08	0.35	41.80	0.36	0.24	0.09	0.84	CLAYEY CALC. OOZE
206 42 2	133	382.8	13.40	0.15	2.60	1.37	0.08	0.62	36.50	0.38	0.35	0.11	0.99	CLAYEY CALC. OOZE
206 44 2	110	400.6	16.50	0.19	3.30	1.84	0.07	0.72	33.20	0.55	0.54	0.10	0.75	CLAYEY CALC. OOZE
206C 5 2	29	441.8	22.00	0.23	4.40	1.56	0.04	0.78	34.40	0.62	0.62	0.11	0.61	CLAYEY CALC. OOZE
206C 7 1	140	481.4	14.00	0.16	3.00	1.24	0.08	0.56	42.70	0.39	0.35	0.09	0.64	CLAYEY CALC. OOZE
206C 8 6	55	507.1	16.50	0.19	3.60	1.44	0.04	0.63	40.80	0.50	0.41	0.10	0.53	SIL-CLAY-CALC OOZE
206C 10 6	130	539.8	13.90	0.15	2.80	1.14	0.05	0.52	42.90	0.30	0.30	0.09	0.40	SIL-CLAY-CALC OOZE
206C 11 6	64	555.1	20.00	0.21	4.30	1.38	0.0	0.73	38.10	0.53	0.39	0.11	0.31	SIL-CLAY-CALC OOZE
206C 12 3	118	569.2	13.10	0.17	3.20	1.34	0.03	0.49	42.30	0.45	0.38	0.09	0.37	CLAYEY CALC. OOZE
206C 13 3	137	588.4	8.80	0.14	2.40	2.04	0.02	0.17	44.60	0.29	0.23	0.07	0.38	CLAYEY CALC. OOZE
206C 14 6	58	611.1	11.40	0.13	2.80	1.36	0.03	0.62	43.40	0.59	0.28	0.09	0.20	CLAYEY CALC. OOZE
206C 15 2	40	613.9	37.50	0.15	3.40	1.38	0.02	0.65	28.80	0.71	0.36	0.11	0.82	SIL-CLAY-CALC OOZE
206C 16 5	68	636.7	43.20	0.11	2.80	0.98	0.04	0.47	26.10	0.56	0.31	0.10	1.01	SIL-CLAY-CALC OOZE
206C 17 6	63	657.1	32.30	0.12	2.80	1.14	0.05	0.50	33.00	0.96	0.33	0.10	0.68	SIL-CLAY-CALC OOZE
206C 18 1	38	668.4	36.30	0.12	2.40	0.90	0.04	0.46	30.40	0.56	0.28	0.07	1.05	SIL-CLAY-CALC OOZE
206C 19 3	140	691.4	11.60	0.06	1.70	0.90	0.06	0.50	44.80	0.23	0.12	0.13	0.21	CLAYEY CALC. OOZE
206C 20 1	135	707.3	24.00	0.02	5.30	2.24	0.13	1.33	32.20	0.81	0.96	0.31	0.27	CALCAREOUS CLAY
SITE 210: LAT 13 DEG 46 MIN S; LONG 152 DEG 54 MIN E; DEPTH 4643 M (ANAL WALLACE)														
SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY	
210 1 5	38LT	6.4	21.40	0.33	6.20	2.64	0.28	2.09	38.30	0.63	0.72	0.22	1.13	CALC OOZE
210 1 5	70DK	6.7	50.00	0.98	19.00	8.63	0.13	3.04	2.70	1.53	1.69	0.17	2.08	SILTY CLAY
210 3 5	40LT	24.4	51.30	0.92	17.00	7.69	0.10	3.05	4.67	1.50	1.98	0.18	1.85	SILTY CLAY
210 3 5	113	25.1	55.20	1.00	17.20	7.76	0.10	2.64	3.38	1.24	1.88	0.17	1.36	SILTY CLAY
210 9 3	25	75.2	36.10	0.70	13.90	5.63	0.30	1.93	18.50	0.85	1.67	0.18	1.19	CLAYEY OOZE
210 9 3	96	76.0	56.20	1.02	18.10	9.06	0.11	2.91	1.26	2.16	1.81	0.19	0.95	SILTY CLAY
210 11 1	130	104.3	8.40	0.08	1.95	0.86	0.15	1.17	47.70	0.49	0.24	0.14	1.02	SILTY CLAY
210 13 2	78	142.3	57.40	0.99	19.50	7.41	0.07	2.81	0.63	1.49	2.45	0.12	0.75	SILTY CLAY
210 16 1	121	199.2	52.80	0.98	17.10	8.59	0.10	3.14	4.72	1.56	2.26	0.16	0.66	SILTY CLAY
210 19 2	98	255.5	45.20	0.95	14.40	7.92	0.18	3.62	11.20	1.77	1.48	0.18	0.83	SILTY CLAY
210 22 3	15	312.2	52.10	0.86	17.10	8.25	0.10	3.17	5.54	1.35	2.32	0.14	0.70	SILTY CLAY
210 25 4	80	370.3	54.80	0.99	19.10	8.95	0.10	3.71	1.57	1.58	2.55	0.15	0.92	SILTY CLAY
210 28 2	100	423.5	10.80	0.17	3.53	1.79	0.23	0.89	47.80	0.44	0.40	0.11	0.45	NANNO OOZE
210 31 6	59	485.1	56.50	1.00	16.90	5.32	0.21	4.36	2.03	2.16	2.12	0.19	0.64	CLAY
210 32 5	75	502.8	54.00	1.04	17.90	9.85	0.35	3.72	1.68	1.56	2.18	0.21	0.66	CLAY
210 33 4	94	520.4	53.40	1.04	13.10	11.20	0.25	4.27	2.54	1.80	1.86	0.31	0.58	CLAY
210 34 4	94	538.4	11.00	0.11	2.63	1.60	0.15	0.73	48.20	0.43	0.27	0.11	0.28	CLAYEY OOZE
210 35 4	125	547.8	8.83	0.05	1.84	0.84	0.19	0.65	51.10	0.23	0.14	0.12	0.33	CLAYEY OOZE
210 39 3	97	582.0	25.20	0.12	3.52	1.58	0.18	1.11	41.30	0.39	0.52	0.12	0.39	CLAYEY OOZE
210 42 2	81	607.3	25.40	0.12	3.74	1.64	0.18	1.05	41.60	0.39	0.55	0.13	0.39	CALC. CLAY
210 45 3	104	636.0	43.60	0.23	5.38	2.48	0.17	1.23	25.50	0.32	0.82	0.12	0.32	CALC. CLAY
210 48 4	45	683.0	36.40	0.24	5.35	2.36	0.15	1.15	30.80	0.33	0.85	0.12	0.31	CALC. CLAY
210 50 6	97	710.5	42.10	0.27	6.48	3.27	0.13	1.26	25.90	0.49	1.14	0.12	0.09	CALC. CLAY



SITE 213: LAT 10 DEG 13 MIN S; LONG 93 DEG 44 MIN E; DEPTH 5611 M (ANAL LI)

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLCGY
213 1 2	61DK 1.6	67.50	0.46	13.40	4.62	1.49	1.49	0.88	1.32	1.90	0.12	4.63	SILICEOUS CLAY
213 1 4	55LT 5.0	64.10	0.37	9.58	3.93	0.21	1.26	0.62	0.99	1.31	0.09	5.26	RAD-DIATOM OOZE
213 1 6	139 8.9	62.90	0.45	11.10	4.65	0.88	1.42	0.67	1.09	1.52	0.11	4.84	RAD-DIATOM OOZE
213 2 4	74 14.2	57.70	0.54	14.10	5.59	0.39	1.76	0.87	1.57	1.87	0.12	3.99	RAD-DIATOM OOZE
213 3 2	59DK 20.6	64.90	0.26	7.67	2.48	2.54	0.94	0.72	0.57	1.48	0.07	5.07	RAD-DIATOM OOZE
213 3 3	81DK 22.3	56.50	0.54	14.20	5.43	1.13	1.82	1.07	1.52	2.16	0.15	4.16	RAD-DIATOM OOZE
213 3 6	73 26.7	59.80	0.49	12.90	4.99	0.55	1.62	0.69	1.21	1.65	0.13	4.54	RAD-DIATOM OOZE
213 4 3	48 31.5	53.20	0.59	15.70	6.05	0.99	1.95	0.80	1.19	1.83	0.16	4.41	RAD-DIATOM OOZE
213 4 6	77 36.3	53.60	0.58	15.30	5.98	2.25	1.93	0.86	1.35	1.94	0.14	3.83	RAD-DIATOM OOZE
213 5 3	74 41.2	53.50	0.66	17.10	6.42	0.49	2.10	0.81	1.04	1.94	0.16	3.68	RAD-DIATOM OOZE
213 5 6	54 45.5	56.40	0.54	15.40	5.60	0.49	1.80	0.80	1.49	2.04	0.15	4.11	RAD-DIATOM OOZE
213 6 3	24DK 50.2	57.80	0.47	14.50	4.81	0.45	1.53	1.01	1.51	2.36	0.15	3.98	RAD-DIATOM OOZE
213 6 6	73 50.7	56.00	0.53	14.70	5.60	0.26	1.70	0.83	1.43	2.01	0.15	4.53	RAD-DIATOM OOZE
213 7 6	74 54.7	55.00	0.55	15.70	5.70	0.75	1.94	0.84	1.21	1.91	0.19	4.15	CLAYEY SILIC. OOZE
213 8 2	75 64.3	55.40	0.53	15.50	5.50	0.84	1.93	1.01	1.37	1.87	0.22	4.02	SILICEOUS CLAY
213 8 4	74 71.2	54.80	0.52	15.00	5.31	0.59	1.84	0.96	1.44	1.79	0.17	4.38	SILICEOUS CLAY
213 8 6	76 74.3	53.20	0.58	16.20	6.63	1.27	2.38	1.11	1.30	1.81	0.29	3.55	SILICEOUS CLAY
213 9 2	76 77.8	51.00	0.57	16.50	6.71	1.40	1.13	1.18	1.14	1.61	0.46	4.32	CLAY
213 9 4	74 80.7	50.60	0.61	16.90	7.04	1.22	1.00	1.23	1.23	1.71	0.54	3.61	ZEOLITIC CLAY
213 9 6	71 83.7	52.40	0.42	16.30	5.04	1.17	0.92	1.15	1.48	1.23	0.32	4.04	ZEOLITIC CLAY
213 10 2	73 87.2	51.50	0.52	15.70	6.41	1.82	1.64	1.37	1.28	1.61	0.64	3.60	CLAY
213 10 4	73 90.2	52.80	0.43	14.60	5.60	1.89	1.67	1.37	1.29	1.50	0.62	4.15	CLAY
213 11 6	74 102.7	48.20	0.65	16.50	8.64	2.57	2.62	1.67	1.73	2.79	1.03	2.29	ZEOL. MN-RICH CLAY
213 12 6	73 112.2	45.80	0.79	15.20	9.43	2.67	2.75	2.24	1.42	2.95	1.32	2.96	ZEOL. MN-FE CLAY
213 13 6	73 121.7	49.50	0.80	16.10	8.41	1.77	3.34	2.31	1.09	2.85	1.29	2.22	ZEOL. MN-FE CLAY
213 14 6	51 131.0	14.40	0.32	4.26	4.92	0.51	1.12	36.40	0.44	1.34	0.70	1.01	CLAY-RICH OOZE
213 15 2	78 134.8	23.30	0.43	6.66	7.71	0.83	1.79	27.40	0.66	1.98	0.97	1.41	MN-FE CLAY
213 16 3	73 145.7	2.21	0.05	0.80	0.58	0.13	0.28	52.90	0.16	0.24	0.13	0.75	MN-FE CLAY

SITE 214: LAT 11 DEG 20 MIN S; LONG 88 DEG 43 MIN E; DEPTH 1665 M (ANAL WALLACE)

SAMPLE	DEPTH	SIO2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
214 1 4	138 5.9	1.30	0.0	0.22	0.04	0.03	0.19	53.70	0.17	0.05	0.06	1.29	FORAM-NANNO OOZE
214 2 3	101 13.5	1.80	0.0	0.24	0.12	0.06	0.21	54.20	0.14	0.08	0.07	1.25	FORAM-NANNO OOZE
214 4 6	110 37.1	1.80	0.0	0.52	0.30	0.04	0.25	53.10	0.14	0.05	0.08	1.23	FORAM-NANNO OOZE
214 6 4	61 52.6	1.40	0.0	0.32	0.22	0.04	0.24	53.30	0.13	0.03	0.07	1.52	FORAM-NANNO OOZE
214 8 3	92 70.4	1.50	0.0	0.28	0.14	0.03	0.20	51.90	0.11	0.02	0.08	1.30	FORAM-NANNO OOZE
214 10 2	91 87.9	1.81	0.01	0.22	0.12	0.03	0.20	51.90	0.20	0.03	0.07	1.40	FORAM-NANNO OOZE
214 12 4	86 109.9	1.20	0.09	0.22	0.16	0.02	0.20	52.30	0.02	0.03	0.08	1.38	FORAM-NANNO OOZE
214 14 6	103 132.0	0.80	0.01	0.14	0.10	0.02	0.24	51.60	0.14	0.0	0.09	1.25	FORAM-NANNO OOZE
214 16 6	85 151.4	0.80	0.0	0.10	0.04	0.05	0.24	54.90	0.08	0.03	0.08	1.11	FORAM-NANNO OOZE
214 18 5	108 169.1	0.50	0.0	0.04	0.02	0.07	0.29	54.00	0.20	0.03	0.11	1.14	FORAM-NANNO OOZE
214 20 6	65 189.2	0.80	0.0	0.10	0.10	0.07	0.22	52.80	0.15	0.0	0.09	1.14	FORAM-NANNO OOZE
214 22 3	113 204.1	0.40	0.0	0.10	0.04	0.13	0.26	52.90	0.19	0.06	0.16	0.70	FORAM-NANNO OOZE
214 23 6	98 218.0	0.60	0.0	0.06	0.04	0.11	0.22	54.00	0.16	0.04	0.14	0.73	FORAM-NANNO OOZE
214 24 2	116 221.7	0.40	0.0	0.08	0.04	0.08	0.23	54.10	0.09	0.05	0.13	0.61	FORAM-NANNO OOZE
214 28 3	106 261.1	0.80	0.0	0.10	0.06	0.06	0.17	54.30	0.01	0.05	0.12	1.04	NANNO OOZE
214 29 5	112 273.6	1.40	0.02	0.22	0.22	0.04	0.30	55.10	0.09	0.12	0.13	0.61	NANNO OOZE
214 30 6	107 284.6	1.79	0.02	0.44	0.16	0.04	0.40	54.00	0.11	0.09	0.11	0.61	NANNO OOZE
214 31 5	93 292.4	1.21	0.02	0.22	0.12	0.08	0.29	53.70	0.22	0.07	0.13	1.05	NANNO OOZE
214 32 6	57 303.1	1.00	0.01	0.03	0.20	0.05	0.22	52.10	0.10	0.05	0.11	0.83	NANNO OOZE
214 33 6	85 312.9	1.40	0.0	0.28	0.22	0.05	0.45	55.10	0.12	0.03	0.13	0.70	NANNO OOZE
214 34 6	96 322.5	1.00	0.02	0.14	0.08	0.05	0.46	55.00	0.07	0.05	0.18	0.64	NANNO OOZE
214 35 2	82 325.8	3.79	0.11	0.80	1.42	0.07	0.68	52.30	0.20	0.20	0.54	0.67	GLAUCCONITIC OOZE

SITE 217: LAT 8 DEG 56 MIN N; LONG 90 DEG 32 MIN E; DEPTH 3020 M (ANAL LI)

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLCGY
217 1 3	83 3.8	23.80	0.31	6.83	2.68	0.06	1.40	30.10	0.72	1.20	0.10	1.88	CLAYEY NANNO OOZE
217 1 6	75 8.3	26.60	0.34	7.25	3.65	0.06	1.66	26.80	0.86	1.27	0.10	2.15	CLAYEY NANNO OOZE
217 2 2	78 42.3	18.70	0.24	6.19	2.29	0.10	1.18	33.80	0.51	0.96	0.09	1.54	CLAYEY NANNO OOZE
217 2 4	78 45.3	19.80	0.25	6.42	2.42	0.10	1.30	32.70	0.48	1.06	0.09	1.30	CLAYEY NANNO OOZE
217 3 2	76 72.3	16.60	0.17	4.62	1.58	0.08	0.82	36.90	0.56	0.78	0.10	1.35	CLAYEY NANNO OOZE
217 4 3	78 119.8	17.70	0.16	4.36	1.59	0.07	0.75	38.10	0.49	0.67	0.11	1.29	CLAYEY NANNO OOZE
217 4 6	67 124.2	17.00	0.17	4.30	1.58	0.08	0.81	38.10	0.47	0.63	0.09	1.35	CLAYEY NANNO OOZE
217 5 1	140 155.4	14.00	0.19	4.41	2.24	0.10	0.86	39.30	0.43	0.51	0.14	1.12	CLAYEY NANNO OOZE
217 6 3	73 186.2	10.20	0.11	2.64	1.18	0.07	0.49	42.80	0.28	0.28	0.12	1.03	CLAYEY NANNO CHALK
217 6 6	69 190.7	6.77	0.07	1.81	0.86	0.07	0.36	45.80	0.27	0.16	0.09	0.94	CLAYEY NANNO CHALK
217 7 1	68 230.7	16.30	0.17	4.51	1.73	0.13	0.83	36.70	0.51	0.76	0.11	1.57	CLAYEY NANNO CHALK

TABLE 3 - Continued

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNC	MGC	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY
217 7 3 68	233.7	5.35	0.05	1.17	0.63	0.07	0.32	50.60	0.25	0.10	0.08	0.66	CLAYEY NANNO CHALK
217 7 6 81	238.3	6.77	0.07	1.49	0.68	0.02	0.36	49.30	0.27	0.15	0.08	0.73	CLAYEY NANNO CHALK
217 8 5 76	274.8	8.71	0.06	1.78	0.63	0.10	0.39	47.50	0.34	0.13	0.08	0.78	CLAYEY NANNO CHALK
217 9 3 70	309.7	11.20	0.09	2.71	1.16	0.04	0.57	44.50	0.32	0.31	0.12	0.56	NANNO CHALK
217 9 6 131	314.8	17.60	0.11	3.20	1.38	0.10	0.54	39.90	0.42	0.39	0.26	0.73	NANNO CHALK
217 10 2 71	346.2	23.00	0.06	1.52	0.70	0.03	0.51	38.40	0.31	0.13	0.14	0.65	NANNO CHALK
217 10 6 73	323.0	26.20	0.05	1.18	0.50	0.02	0.46	35.90	0.32	0.13	0.14	0.69	NANNO CHALK
217 12 1 143	374.9	1.40	0.03	0.34	0.20	0.07	0.20	54.00	0.11	0.11	0.14	0.51	NANNO CHALK
217 13 1 121	384.2	2.80	0.02	0.60	0.22	0.06	0.29	49.20	0.15	0.10	0.14	0.45	NANNO CHALK
217 14 5 49	399.5	1.60	0.03	0.42	0.30	0.05	0.23	54.10	0.14	0.13	0.14	0.64	NANNO CHALK
217 15 2 100	404.5	2.40	0.05	0.63	0.40	0.10	0.28	53.20	0.22	0.13	0.14	0.51	CLAYEY NANNO CHALK

SITE 218: LAT 8 DEG 1 MIN N; LONG 86 DEG 17 MIN E; DEPTH 3159 M (ANAL LI)

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY
218 2 2 74	6.2	55.30	0.80	17.30	6.68	0.10	2.99	2.79	1.52	3.82	0.13	0.91	CLAYEY SILT
218 2 3 73	7.7	23.30	0.30	6.32	3.18	0.19	1.59	31.40	0.77	1.14	0.14	0.48	CLAY-SILT OOZE
218 2 4 110	9.6	69.30	0.80	13.00	4.14	0.06	1.91	3.04	2.22	2.80	0.15	0.36	SANDY SILT
218 2 5 99	11.0	56.00	0.72	15.00	6.21	0.07	2.70	4.73	1.76	3.13	0.14	1.46	SANDY SILT
218 2 6 74DK	12.2	51.30	0.91	19.10	7.80	0.11	3.25	2.16	1.59	3.84	0.14	1.55	CLAYEY SILT
218 3 1 75	14.3	56.60	0.80	17.20	6.89	0.10	3.01	2.46	1.66	3.55	0.16	0.95	CLAYEY SILT
218 3 2 75	15.8	64.80	0.66	13.70	4.53	0.08	2.38	3.52	1.84	2.98	0.15	0.51	CLAYEY SILT
218 4 2 73	43.7	58.70	0.76	15.60	6.19	0.06	2.65	3.25	1.26	3.42	0.16	0.78	CLAYEY SILT
218 5 2 73	72.2	54.60	0.86	18.40	7.36	0.37	3.03	2.16	1.52	3.73	0.14	0.92	CALC CLAYEY SILT
218 6 2 51	109.5	28.40	0.40	8.94	4.29	0.16	1.92	26.10	0.81	1.34	0.15	1.49	CALC SILTY CLAY
218 8 2 48	186.0	46.00	0.74	15.80	6.76	0.11	3.01	9.59	1.55	2.89	0.14	0.46	CLAYEY SILT
218 8 2 117	186.7	65.20	0.16	11.30	1.23	0.05	0.33	5.84	3.31	4.00	0.08	0.68	VOLCANIC ASH
218 8 3 73	187.7	53.50	0.85	18.70	7.31	0.11	3.31	2.35	1.34	3.94	0.14	0.63	CLAYEY SILT
218 9 1 141	223.4	52.90	0.87	19.10	7.79	0.11	3.13	1.99	1.17	4.06	0.14	0.68	CLAYEY SILT
218 10 1 99	261.0	76.50	0.45	9.52	2.77	0.07	1.36	3.10	1.70	2.34	0.15	0.39	CALC SILTY CLAY
218 11 2 73	303.2	65.40	0.68	13.80	5.50	0.08	1.84	2.26	1.56	3.18	0.11	0.70	SANDY SILT
218 12 1 140	337.4	54.90	0.76	16.60	6.55	0.14	2.73	4.52	1.28	3.71	0.15	0.45	SANDY SILT
218 13 2 99	376.5	67.60	0.67	12.10	4.20	0.10	2.13	3.72	1.55	2.97	0.15	0.44	CLAYEY SILT
218 15 1 74	450.7	49.50	0.85	17.20	7.05	0.10	2.79	4.87	1.06	4.01	0.14	0.56	SILTY CLAY
218 16 2 70	461.7	29.50	0.43	9.38	4.34	0.22	1.67	27.50	0.82	1.54	0.15	0.75	CALC SILTY CLAY
218 17 3 75	472.8	51.80	0.84	18.10	7.78	0.16	3.13	3.58	1.19	4.00	0.15	0.71	SANDY SILT
218 18 1 93LT	479.4	13.10	0.21	4.76	2.43	0.08	0.83	40.20	0.36	0.59	0.18	0.85	CLAYEY COZE
218 19 1 120	489.2	51.10	0.88	18.90	8.20	0.16	2.89	2.92	1.04	3.76	0.16	0.57	CLAY
218 20 1 80	498.3	60.40	0.72	14.80	6.16	0.10	2.24	2.98	1.30	3.22	0.14	0.40	CLAYEY SILT
218 21 2 75	537.8	53.50	0.83	18.00	6.78	0.13	2.80	4.09	1.20	3.61	0.15	0.56	SILT
218 22 1 75	574.3	55.30	0.77	15.30	6.07	0.11	2.83	5.27	1.40	3.28	0.15	0.54	SILT
218 23 1 73	612.2	50.90	0.82	19.10	8.10	0.27	3.07	2.75	1.10	3.75	0.13	0.57	CLAYEY SILT
218 23 2 75	613.8	34.80	0.55	11.40	5.64	0.10	1.88	22.60	1.03	1.24	0.18	0.44	OOZE
218 24 1 100	650.5	52.80	0.75	16.20	6.55	0.20	3.02	5.93	1.30	3.39	0.13	0.52	SANDY SILT
218 25 1 130	663.8	42.70	0.63	13.90	6.19	0.34	2.32	13.90	1.15	2.28	0.24	0.47	SILT

SITE 222: LAT 20 DEG 5 MIN N; LONG 61 DEG 31 MIN E; DEPTH 3546 M (ANAL LI)

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY
222 1 2 73	2.2	37.90	0.50	8.98	4.51	0.15	4.23	18.10	1.18	1.79	0.22	1.17	SILTY CLAYEY OOZE
222 1 4 74	5.2	33.40	0.47	8.13	3.74	0.11	3.77	23.90	1.33	1.48	0.18	0.50	SILTY CLAYEY OOZE
222 2 1 124	54.2	41.20	0.58	9.33	4.64	0.10	4.77	16.60	1.25	1.72	0.18	0.70	SILTY CLAYEY OOZE
222 3 2 50	103.0	43.10	0.58	10.50	5.43	0.17	5.44	12.40	1.15	1.99	0.24	1.18	SILTY CLAY
222 4 1 48	119.5	48.00	0.76	15.20	7.36	0.13	3.04	8.43	0.70	1.91	0.18	1.22	CALC SILTY CLAY
222 6 3 49	140.5	51.20	0.77	15.60	6.42	0.12	3.18	7.60	1.24	2.97	0.17	0.70	CALC SILTY CLAY
222 8 3 72	187.7	56.60	0.70	13.20	5.20	0.08	2.75	6.65	1.46	2.26	0.19	0.90	CALC SILTY CLAY
222 9 4 74DK	218.2	60.00	0.64	8.95	5.11	0.08	2.54	7.39	1.80	2.14	0.17	0.43	CALC SILTY CLAY
222 10 CC	273.0	50.60	0.76	16.30	6.60	0.10	3.26	7.40	1.32	3.12	0.18	0.51	CALC SILTY CLAY
222 11 2 49	303.0	50.40	0.75	15.70	6.79	0.09	3.28	8.21	1.06	2.00	0.20	0.80	CALC SILTY CLAY
222 12 2 74	355.2	49.60	0.80	16.50	6.42	0.16	3.41	6.18	1.27	3.05	0.19	0.63	CALC SILTY CLAY
222 13 2 51	401.0	47.00	0.76	14.40	6.47	0.11	3.09	8.23	1.24	2.50	0.19	0.69	CALC SILTY CLAY
222 16 1 74	445.7	50.20	0.78	15.20	6.76	0.12	3.25	8.10	1.30	2.60	0.17	0.69	CALC SILTY CLAY
222 18 2 75DK	494.2	49.40	0.76	15.90	7.17	0.10	3.88	7.01	1.29	2.93	0.22	0.63	CALC SILTY CLAY
222 19 2 74	542.2	50.80	0.74	12.90	6.17	0.19	6.08	7.15	1.50	2.15	0.26	0.48	CALC SILTY CLAY
222 20 3 74	590.7	49.50	0.76	16.20	7.02	0.11	3.60	7.72	1.44	3.20	0.16	0.55	CALC SILTY CLAY
222 21 3 74	637.7	49.10	0.79	14.80	6.43	0.12	3.33	5.61	1.23	2.54	0.17	0.38	CALC SILTY CLAY
222 22 5 71	696.7	30.20	0.43	7.61	4.20	0.16	3.35	26.60	0.82	1.19	0.15	0.50	CALC SILTY CLAY
222 23 4 49	752.0	51.70	0.72	14.20	6.01	0.06	3.70	8.20	1.50	2.57	0.15	0.48	CALC SILTY CLAY
222 24 4 50	809.0	49.20	0.76	14.30	6.45	0.11	3.48	9.17	1.35	2.29	0.16	0.32	CALC SILTY CLAY
222 25 6 74	869.6	51.30	0.72	13.90	5.71	0.08	3.38	10.30	1.52	2.26	0.17	0.32	CALC SILTY CLAY
222 27 2 74	927.2	50.40	0.78	15.60	6.32	0.10	3.40	8.74	1.30	2.58	0.17	0.33	CALC SILTY CLAY
222 28 5 49	983.5	50.30	0.73	13.90	7.11	0.08	2.26	5.87	1.35	2.30	0.16	0.35	CALC SILTY CLAY

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNC	MGC	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
222 29 4 74DK	1046.2	40.90	0.58	12.10	5.45	0.13	3.52	16.70	1.08	2.20	0.17	0.34	CALC SILTY CLAY
222 31 6 74	1134.2	51.30	0.74	14.20	6.06	0.10	3.63	8.54	1.37	2.51	0.17	0.29	CALC SILTY CLAY
222 32 2 74	1163.7	38.00	0.52	10.30	4.80	0.36	3.57	19.50	0.92	1.81	0.25	0.27	CALC SILTY CLAY
222 33 3 50	1214.5	52.10	0.73	14.00	6.36	0.23	4.40	8.11	1.25	2.43	0.35	0.30	CALC SILTY CLAY
222 34 6 75	1266.3	54.20	0.64	12.00	5.14	0.08	3.20	8.79	1.63	2.04	0.18	0.48	CALC SILTY CLAY
222 36 3 74	1293.7	50.90	0.75	14.90	6.17	0.10	3.55	8.84	1.35	2.45	0.18	0.22	CALC SILTY CLAY

SITE 231: LAT 11 DEG 53 MIN N; LONG 48 DEG 15 MIN E; DEPTH 2152 M (ANAL LI)

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
231 2 2 74	2.7	25.70	0.45	6.76	3.14	0.09	2.82	29.20	0.83	1.16	0.17	1.16	FGRAM-NANNC OOZE
231 4 3 76	23.3	29.90	0.53	7.64	3.45	0.09	3.00	25.20	1.00	1.36	0.18	1.29	NANNO OOZE
231 6 5 67	42.2	22.10	0.38	5.78	2.81	0.10	2.74	32.10	0.71	1.07	0.15	1.07	NANNO OOZE
231 5 6 74	72.2	24.00	0.42	6.20	3.70	0.08	2.98	29.80	0.82	1.06	0.19	1.25	NANNO OOZE
231 11 3 75	86.8	31.60	0.56	7.54	4.64	0.10	3.41	23.10	1.06	1.34	0.26	1.07	NANNO OOZE
231 13 6 77	110.3	37.20	0.84	5.35	5.67	0.11	3.95	18.40	1.20	1.52	0.22	1.09	QUARTZOSE NANNO OOZE
231 15 3 74	124.7	31.50	0.56	8.23	4.20	0.17	3.86	23.10	1.28	1.35	0.28	0.94	QUARTZOSE NANNO OOZE
231 17 3 74	143.7	31.60	0.54	8.30	4.34	0.15	3.30	22.40	0.89	1.41	0.21	0.95	DOL. CLAYEY SILT
231 19 4 76	164.3	20.30	0.36	5.79	2.83	0.16	3.36	32.40	1.15	1.02	0.17	1.08	NANNO OOZE
231 20 2 30	170.3	44.30	0.40	8.91	4.56	0.10	2.08	15.70	2.10	2.30	0.14	1.33	VOLCANIC ASH
231 21 2 21 A	173.7	60.80	0.29	11.30	3.10	0.07	1.35	5.63	2.72	3.25	0.06	1.02	VOLCANIC ASH
231 21 6 75	186.3	24.70	0.42	6.31	2.96	0.12	3.82	25.00	0.81	1.08	0.18	0.76	NANNO OOZE
231 22 1 89	183.4	38.80	0.38	8.39	3.42	0.05	2.77	19.90	1.31	1.05	0.20	1.14	VOLCANIC ASH
231 26 6 75	205.3	37.00	0.64	5.39	4.79	0.10	3.71	19.00	0.57	1.75	0.17	0.78	NANNO OOZE
231 25 6 930K	224.4	21.60	0.38	5.58	3.16	0.08	2.72	22.70	0.52	0.97	0.16	0.92	NANNO OOZE
231 27 6 45LT	243.0	18.50	0.32	5.09	2.98	0.07	2.39	34.80	0.55	0.82	0.14	1.01	NANNO OOZE
231 30 6 75	271.8	14.80	0.28	4.35	2.16	0.10	2.23	38.30	0.39	0.75	0.14	1.02	NANNO OOZE
231 33 5 75	293.8	19.10	0.37	5.86	2.85	0.09	2.08	34.50	0.49	0.97	0.13	0.91	NANNO OOZE
231 36 6 74	323.7	20.50	0.36	6.33	3.01	0.08	2.38	33.90	0.56	1.01	0.15	0.83	NANNO OOZE
231 39 4 77DK	354.3	36.10	0.61	9.73	4.02	0.10	3.25	20.20	0.86	1.64	0.17	0.65	NANNO OOZE
231 42 6 76	383.8	21.80	0.39	6.14	2.77	0.10	2.71	33.20	1.01	1.10	0.17	0.78	NANNO OOZE
231 45 6 71	414.2	32.70	0.55	9.09	4.32	0.09	3.49	21.80	0.71	1.57	0.13	0.65	NANNO OOZE
231 48 3 50DK	433.0	50.60	0.87	13.30	6.58	0.05	4.00	7.20	1.16	2.39	0.18	0.52	NANNO OOZE
231 51 5 74	469.7	42.30	0.67	10.30	5.25	0.10	4.37	12.70	0.53	1.78	0.17	0.60	NANNO OOZE
231 54 3 74	495.2	53.00	0.76	11.70	5.84	0.08	4.42	7.30	1.28	1.96	0.16	0.50	NANNO OOZE
231 57 3 76	522.8	43.50	0.73	11.10	5.35	0.10	3.95	13.80	1.08	2.00	0.36	0.64	NANNO OOZE
231 59 6 73	546.2	24.50	0.71	11.10	5.82	0.08	3.79	13.80	1.09	2.13	0.18	0.52	NANNO OOZE
231 61 6 70	565.2	31.60	0.61	8.95	4.39	0.23	2.45	25.10	0.73	1.80	0.32	0.46	NANNO OOZE

SITE 236: LAT 1 DEG 41 MIN S; LONG 57 DEG 35 MIN E; DEPTH 4487 M (ANAL LI)

SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
236 1 4 99	5.5	16.50	0.24	4.32	2.21	0.11	1.16	36.50	0.58	0.66	0.14	2.16	NANNO OOZE
236 2 1 98	9.5	10.50	0.18	3.11	1.74	0.08	0.93	41.20	0.44	0.57	0.10	1.69	NANNO OOZE
236 3 3 61	19.6	29.10	0.54	5.05	4.77	0.07	2.41	24.00	0.56	1.51	0.14	1.71	NANNO OOZE
236 4 5 DK	32.4	36.80	0.67	11.10	5.81	0.09	2.31	16.00	1.00	2.07	0.12	1.89	NANNO OOZE
236 5 4 98DK	42.5	22.30	0.42	6.79	3.82	0.09	1.78	29.80	0.73	1.21	0.16	1.43	NANNO OOZE
236 6 6 24	52.2	6.20	0.11	1.30	1.08	0.08	1.02	47.00	0.27	0.37	0.12	1.02	NANNO OOZE
236 8 6 43LT	71.4	4.80	0.08	1.37	0.74	0.06	0.80	47.00	0.24	0.24	0.13	1.05	NANNO OOZE
236 8 6 60DK	71.6	4.18	0.07	1.31	0.58	0.05	0.84	47.40	0.33	0.22	0.15	1.03	NANNO OOZE
236 10 2 70LT	84.7	11.90	0.24	3.44	2.55	0.09	1.29	41.80	0.44	0.61	0.12	1.05	NANNO OOZE
236 12 6 109D	110.1	40.60	0.77	11.20	5.96	0.07	3.17	14.30	1.08	2.02	0.20	1.54	NANNO OOZE
236 14 3 81	124.3	23.00	0.43	6.63	3.39	0.26	1.92	31.60	0.68	1.20	0.13	0.88	NANNO OOZE
236 15 6 104D	133.5	53.50	1.08	15.90	8.95	0.09	4.07	1.12	1.42	2.64	0.25	1.26	CLAY
236 17 5 51LT	155.5	6.60	0.12	2.01	1.01	0.32	0.68	45.00	0.25	0.33	0.11	0.89	CLAY
236 18 6 68DK	166.7	52.80	1.01	16.70	9.64	0.37	3.53	1.55	1.49	2.76	0.32	1.05	CLAY
236 19 2 80	170.3	53.20	0.94	15.70	9.92	0.45	3.58	1.51	1.62	2.41	0.38	1.19	CLAY
236 20 5 66	184.2	11.00	0.13	2.44	1.28	0.09	0.67	42.00	0.33	0.54	0.15	0.99	NANNO OOZE
236 21 6 84	195.3	7.80	0.09	1.78	0.94	0.08	0.63	45.20	0.22	0.38	0.09	1.08	NANNO OOZE
236 22 4 76	201.8	10.80	0.05	0.39	0.26	0.04	0.40	45.50	0.16	0.04	0.16	0.88	NANNO CHALK
236 23 4 136	210.0	40.10	0.48	10.20	6.13	0.15	2.75	14.60	1.18	0.92	0.38	1.71	VOLCANIC ASH
236 23 6 73 A	214.2	59.60	0.56	11.10	3.02	0.17	0.70	6.94	3.02	3.76	0.11	0.93	NANNO CHALK
236 24 6 80	223.8	6.54	0.04	0.87	0.50	0.05	0.32	47.40	0.0	0.13	0.13	1.47	NANNO CHALK
236 25 6 76	233.3	6.03	0.01	0.34	0.20	0.06	0.33	48.20	0.19	0.06	0.10	0.90	NANNO CHALK
236 26 6 75	242.8	4.60	0.02	0.35	0.22	0.08	0.34	49.30	0.13	0.02	0.09	0.75	NANNO CHALK
236 27 2 78	246.3	1.60	0.01	0.30	0.18	0.10	0.27	51.90	0.0	0.0	0.09	0.58	NANNO CHALK
236 28 1 99	254.5	17.40	0.13	2.97	2.14	0.10	1.02	36.30	0.41	0.35	0.26	0.52	NANNO CHALK
236 29 1 125	264.2	17.40	0.13	2.84	2.04	0.24	0.75	38.70	0.60	0.77	0.21	0.53	NANNO CHALK
236 30 2 67	274.7	13.10	0.12	2.56	1.65	0.18	0.79	42.70	0.53	0.66	0.21	0.31	NANNO CHALK
236 31 2 106	284.6	27.00	0.08	2.51	1.21	0.07	0.53	33.80	0.57	0.63	0.14	0.66	NANNO CHALK
236 32 3 78	295.3	12.30	0.10	2.54	1.71	0.28	0.53	43.30	0.59	0.51	0.18	0.56	NANNO CHALK
236 33 3 83	304.8	21.40	0.16	3.50	4.52	0.13	1.30	35.10	0.65	0.79	0.20	0.49	NANNO CHALK

TABLE 3 - Continued

SITE 238: LAT 1 DEG 9 MIN S; LONG 70 DEG 32 MIN E; DEPTH 2844 M (ANAL WALLAGE)

SAMPLE			DEPTH	SIQ2	TIQ2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY			
238	1	5	53	6.5	8.36	0.01	0.71	0.30	0.01	0.19	53.40	0.27	0.11	0.06	1.55	FCRAM	NANNO	OOZE
238	2	2	81	11.8	4.18	0.01	0.60	0.28	0.01	0.19	52.00	0.31	0.06	0.05	1.49	FORAM	NANNO	OOZE
238	4	6	75	36.8	2.18	0.02	0.71	0.34	0.02	0.22	55.60	0.28	0.08	0.08	1.47	FORAM	NANNO	OOZE
238	10	6	70	90.2	1.98	0.03	0.71	0.28	0.01	0.20	56.20	0.20	0.07	0.05	1.51	FORAM	NANNO	OOZE
238	16	3	85	142.9	2.38	0.01	0.67	0.44	0.03	0.29	55.60	0.21	0.05	0.07	1.31	NANNO	OOZE	
238	22	6	45	204.0	1.79	0.02	0.64	0.25	0.01	0.23	57.30	0.18	0.06	0.08	0.77	FORAM	NANNO	OOZE
238	28	5	79	259.8	1.95	0.01	0.70	0.24	0.08	0.20	56.00	0.18	0.06	0.07	1.19	NANNO	OOZE	
238	35	4	80	324.8	1.75	0.02	0.66	0.36	0.08	0.26	57.10	0.20	0.04	0.05	1.10	NANNO	OOZE	
238	41	5	79	383.3	2.38	0.03	1.34	1.47	0.14	0.34	56.30	0.20	0.11	0.12	1.00	NANNO	OOZE	
238	47	4	79	438.8	3.37	0.07	1.34	1.13	0.16	0.45	54.90	0.36	0.14	0.16	0.63	NANNO	OOZE	
238	50	3	55	465.6	4.35	0.13	1.70	0.96	0.08	0.39	53.00	0.36	0.25	0.13	0.74	NANNO	OOZE	
238	53	5	28	496.8	7.74	0.18	1.91	1.32	0.10	0.73	49.70	0.37	0.23	0.14	0.55	NANNO	OOZE	

SITE 241: LAT 2 DEG 22 MIN S; LONG 44 DEG 41 MIN E; DEPTH 4054 M (ANAL LI)

SAMPLE			DEPTH	SIQ2	TIQ2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY			
241	1	6	75	3.3	22.70	0.43	7.18	3.34	0.05	1.32	31.00	0.70	1.02	0.10	1.77	CLAYEY	NANNO	OOZE
241	2	6	73	17.2	22.20	0.42	6.99	3.12	0.04	1.24	31.30	0.53	1.00	0.10	1.72	CLAYEY	NANNO	OOZE
241	3	6	75	55.3	22.60	0.44	6.56	3.02	0.06	1.48	32.40	1.09	1.13	0.11	1.13	CLAYEY	NANNO	OOZE
241	4	4	74	61.2	26.30	0.55	7.97	3.69	0.03	1.66	27.50	0.76	1.32	0.11	1.39	CLAYEY	NANNO	OOZE
241	5	5	85	71.8	56.70	1.27	16.50	8.29	0.10	3.51	1.23	1.45	2.99	0.16	0.49	CLAYEY	NANNO	OOZE
241	6	6	73	112.2	21.30	0.33	5.82	2.69	0.06	0.96	35.30	0.85	0.96	0.11	0.88	NANNO-RICH	CLAY	
241	7	5	75	143.8	52.00	1.13	16.10	7.99	0.04	3.44	3.69	1.45	2.96	0.17	0.99	NANNO-RICH	CLAY	
241	8	1	101	181.0	38.10	0.88	12.60	6.24	0.06	2.34	15.70	1.09	1.93	0.13	0.99	CLAYEY	NANNO	OOZE
241	9	2	74	211.2	30.30	0.65	9.56	4.97	0.10	1.86	18.10	0.91	1.50	0.13	0.74	CLAYEY	NANNO	OOZE
241	10	2	75	220.3	35.50	0.86	11.20	5.72	0.04	2.15	19.00	1.23	1.75	0.14	1.21	CLAYEY	NANNO	OOZE
241	11	4	74	261.2	31.70	0.74	9.41	5.19	0.09	2.32	23.60	1.03	1.64	0.14	0.71	CLAYEY	NANNO	OOZE
241	12	2	73	296.2	51.90	1.18	15.80	8.69	0.08	3.25	3.58	1.66	2.91	0.16	0.65	CLAYEY	NANNO	OOZE
241	13	4	76	327.3	38.20	1.04	13.20	7.18	0.22	2.27	15.60	1.06	2.22	0.16	0.54	CLAYEY	NANNO	OOZE
241	14	2	75	381.3	54.10	1.31	15.30	8.97	0.04	2.81	0.50	1.52	2.57	0.16	0.66	CLAYEY	NANNO	OOZE
241	15	4	73	403.2	53.90	1.10	17.50	10.20	0.16	3.59	2.21	1.71	2.01	0.19	0.67	CLAYEY	NANNO	OOZE
241	16	2	100	457.5	53.30	1.05	17.50	8.42	0.19	2.84	2.94	1.38	2.24	0.13	1.23	SILTY	CLAY	
241	18	1	120	493.2	54.40	0.94	17.00	7.64	0.10	3.38	2.31	2.15	3.28	0.19	0.45	CLAY		
241	19	2	74	532.2	51.40	1.14	20.60	10.00	0.08	2.70	0.85	1.34	2.35	0.21	0.56	CLAYSTONE		
241	20	1	53	533.5	48.00	1.16	20.30	11.70	0.20	2.61	0.75	1.37	2.21	0.21	0.67	CLAYSTONE		
241	21	2	25	573.7	55.70	1.20	19.60	7.41	0.13	2.88	0.57	1.32	3.32	0.16	0.37	CLAYSTONE		
241	21	5	78	584.8	52.40	1.17	18.30	11.30	0.04	2.79	0.79	1.27	3.05	0.17	0.32	CLAYSTONE		
241	22	4	77	631.3	49.30	1.02	16.20	8.62	0.10	2.83	0.64	1.21	3.21	0.13	0.36	CLAYSTONE		
241	23	4	73	688.2	48.10	1.04	17.40	8.36	0.27	2.89	6.38	1.14	2.94	0.14	0.71	CALCAREOUS	CLAYSTONE	
241	25	5	100	842.0	54.30	1.22	16.70	10.20	0.26	3.33	1.27	1.32	3.18	0.24	0.31	CALCAREOUS	CLAYSTONE	
241	26	3	77	876.8	21.50	0.44	6.32	3.21	0.06	1.51	32.20	0.64	1.11	0.16	1.14	CALCAREOUS	CLAYSTONE	
241	27	4	76	982.3	58.20	1.19	16.10	8.84	1.58	3.42	1.01	1.58	3.19	0.17	0.26	CALCAREOUS	CLAYSTONE	

SITE 250: LAT 33 DEG 28 MIN S; LONG 39 DEG 22 MIN E; DEPTH 5119 M (ANAL LI)

SAMPLE			DEPTH	SIQ2	TIQ2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY			
250	1	5	78	6.8	38.80	0.64	12.30	6.06	0.34	1.87	14.20	0.85	1.88	0.14	2.85	SILTY	CLAY	
250	1	6	99	3.5	40.70	0.72	14.40	6.29	0.49	1.98	12.80	1.11	2.09	0.15	2.08	SILTY	CLAY	
250	2	3	84	12.8	50.20	0.85	17.20	7.28	0.14	1.70	3.35	1.08	2.56	0.15	2.68	SILTY	CLAY	
250	2	6	70	17.2	50.10	0.85	17.00	7.41	0.19	2.37	3.23	1.09	2.54	0.15	2.58	SILTY	CLAY	
250A	1	3	65	58.1	54.30	0.91	19.10	7.58	0.02	2.42	0.58	1.44	2.71	0.15	1.60	CLAY		
250A	1	5	72	61.2	51.40	0.85	17.30	7.51	0.30	2.45	3.37	1.39	2.53	0.18	1.74	CLAYEY	OOZE	
250A	3	3	76	77.3	37.90	0.61	12.30	5.49	0.24	1.84	17.20	1.02	1.87	0.15	1.87	CLAYEY	OOZE	
250A	3	6	84	81.8	52.60	0.82	15.30	8.84	0.16	2.51	2.67	1.16	2.66	0.17	1.67	NANNO	OOZE	
250A	4	3	69	115.2	44.60	0.72	14.70	6.16	0.30	2.27	11.10	1.15	2.24	0.15	1.19	CLAYEY	OOZE	
250A	4	6	72	119.7	55.00	0.92	19.10	7.83	0.07	2.70	0.85	1.54	2.74	0.15	1.10	CLAY		
250A	5	5	71	156.2	55.60	0.96	19.00	7.62	0.03	2.67	0.70	1.52	2.93	0.18	1.21	CLAY		
250A	6	3	64	191.1	55.40	0.94	18.40	8.27	0.08	2.68	0.72	1.50	3.05	0.16	1.15	CLAY		
250A	7	5	105	242.0	50.90	0.91	18.00	7.83	0.17	2.63	3.27	1.47	2.80	0.15	1.52	CLAY		
250A	8	5	81	298.8	55.20	0.96	19.30	8.07	0.08	2.75	0.69	1.52	2.93	0.15	0.88	CLAY		
250A	5	4	85	354.3	56.80	0.91	18.50	8.83	0.06	2.61	0.60	1.50	2.76	0.14	0.62	CLAY		
250A	10	6	49	414.0	53.80	0.83	17.50	8.04	0.38	2.60	2.41	1.39	2.97	0.15	1.03	CLAY		
250A	11	6	92	471.4	55.50	0.92	18.40	9.09	0.05	2.40	0.58	1.30	3.09	0.15	0.51	CLAY		
250A	12	1	129	521.3	57.30	0.92	18.40	8.11	0.04	2.66	0.60	1.33	3.32	0.14	0.62	CLAY		
250A	13	4	83	572.8	58.60	0.95	17.40	8.23	0.07	2.76	0.77	1.53	3.35	0.16	0.59	CLAY		
250A	14	3	74	603.2	57.10	0.98	17.50	7.78	0.23	2.44	0.76	1.48	3.19	0.16	0.90	CLAY		
250A	15	4	98	630.0	57.70	1.06	18.30	8.10	0.05	2.48	0.77	1.63	3.35	0.16	0.41	CLAY		
250A	16	2	108	636.6	32.50	0.65	10.30	5.67	0.66	2.32	22.40	0.79	1.87	0.10	0.31	NANNO	OOZE	
250A	18	2	75	655.3	58.40	1.00	17.20	9.19	0.23	3.06	0.90	1.53	3.35	0.18	0.33	CLAY		



SAMPLE	DEPTH	SIC2	TI02	AL203	FE203	MNC	MGC	CA0	NA2C	K20	P205	CL	LIT-GLGY
250A 20 2 72	674.4	58.40	0.93	14.30	9.60	0.10	3.16	0.77	1.40	3.53	0.14	0.39	CLAY
250A 22 4 73DK	696.2	67.60	0.60	9.37	6.00	2.57	2.73	0.91	1.13	1.59	0.15	0.60	CLAY
250A 23 1 80	701.3	73.30	0.56	8.17	5.46	0.12	2.57	0.94	1.15	1.47	0.11	0.75	CLAY
250A 23 2 100	703.0	62.70	0.84	13.10	6.83	1.21	2.88	1.11	1.98	2.46	0.16	0.52	CLAY

SITE 251: LAT 36 DEG 30 MIN S; LCNG 49 DEG 29 MIN E; DEPTH 3489 M (ANAL TERRANA)

SAMPLE	DEPTH	SIC2	TI02	AL203	FE203	MNC	MGC	CA0	NA2C	K20	P205	CL	LITHOLGY
251 1 2 100	2.5	5.82	0.08	1.63	0.78	0.09	0.35	30.00	0.29	0.32	0.11	1.33	NANNO OOZE
251 5 6 74	33.7	7.68	0.08	2.36	0.95	0.05	0.48	48.20	0.20	0.38	0.07	1.11	NANNO OOZE
251 8 6 74	67.2	4.72	0.08	1.58	0.71	0.05	0.34	37.90	0.22	0.17	0.09	0.97	NANNO OOZE
251A 4 4 70	111.7	5.64	0.08	2.12	0.88	0.06	0.44	47.70	0.23	0.33	0.09	0.89	NANNO OOZE
251A 6 6 74	133.7	4.54	0.08	1.58	0.79	0.08	0.38	47.50	0.18	0.26	0.10	0.92	NANNO OOZE
251A 13 5 75	255.8	11.80	0.14	3.00	1.44	0.10	0.61	43.50	0.33	0.49	0.12	0.54	NANNO CHALK
251A 18 1 120	373.7	8.30	0.11	2.18	1.18	0.03	0.41	46.00	0.16	0.43	0.08	0.86	NANNO CHALK
251A 22 3 75	414.3	7.60	0.12	3.10	1.26	0.07	0.52	42.70	0.21	0.42	0.08	0.79	NANNO CHALK
251A 26 2 120	451.2	30.90	0.50	10.10	5.55	0.08	1.58	25.90	0.64	2.22	0.18	0.54	NANNO CHALK
251A 29 1 71	477.7	8.36	0.14	2.55	1.89	0.06	0.65	53.10	0.00	0.02	0.10	0.85	NANNO CHALK

SITE 252: LAT 37 DEG 2 MIN S; LCNG 59 DEG 14 MIN E; DEPTH 5032 M (ANAL TERRANA)

SAMPLE	DEPTH	SIC2	TI02	AL203	FE203	MNO	MGO	CA0	NA2C	K20	P205	CL	LITHOLGY
252 2 6 100	3.5	56.50	1.19	11.70	6.56	0.13	2.58	2.24	2.20	2.28	0.20	2.94	RAD SILTY CLAY
252 3 6 50	53.5	60.50	1.45	11.30	7.38	0.11	2.78	1.14	1.63	2.06	0.24	4.09	RAD SILTY CLAY
252 4 6 75	103.3	58.30	1.15	10.30	8.03	0.10	2.32	4.13	1.86	1.87	0.16	2.56	RAD SILTY CLAY
252 5 3 75	143.3	57.60	1.74	12.30	7.61	0.15	2.84	4.43	2.75	1.86	0.28	2.32	RAD SILTY CLAY
252 6 4 50	195.4	61.90	1.64	12.30	6.99	0.34	2.62	3.12	1.87	1.77	0.32	2.91	RAD SILTY CLAY
252 7 3 125	241.8	65.50	1.38	11.10	6.57	0.11	2.42	2.30	0.83	1.75	0.24	3.71	RAD SILTY CLAY

SITE 254: LAT 30 DEG 58 MIN S; LCNG 87 DEG 54 MIN E; DEPTH 1253 M (ANAL WALLACE)

SAMPLE	DEPTH	SIC2	TI02	AL203	FE203	MNC	MGO	CA0	NA2C	K20	P205	CL	LITHOLGY
254 1 3 75	3.8	0.50	0.0	0.10	0.03	0.0	0.20	54.50	0.25	0.02	0.05	1.05	NANNO-FORAM OOZE
254 2 2 75	7.8	0.70	0.0	0.14	0.02	0.01	0.24	55.10	0.16	0.04	0.10	0.55	NANNO-FORAM OOZE
254 2 6 77	13.8	0.80	0.0	0.20	0.03	0.00	0.20	57.00	0.21	0.06	0.09	1.04	NANNO-FORAM OOZE
254 3 6 75	23.3	0.40	0.0	0.14	0.03	0.0	0.18	55.40	0.11	0.06	0.10	0.90	NANNO-FORAM OOZE
254 4 6 76	32.3	0.40	0.02	0.20	0.03	0.00	0.18	55.60	0.14	0.06	0.12	0.88	NANNO-FORAM OOZE
254 5 2 72	36.2	2.20	0.07	0.88	0.13	0.01	0.36	54.90	0.52	0.17	0.13	1.04	NANNO-FORAM OOZE
254 5 6 73	42.2	0.50	0.0	0.16	0.05	0.0	0.23	55.60	0.18	0.08	0.10	1.02	NANNO-FORAM OOZE
254 6 6 72	51.7	0.60	0.0	0.10	0.03	0.00	0.21	56.40	0.21	0.06	0.10	0.75	NANNO-FORAM OOZE
254 8 1 72	63.2	0.80	0.0	0.16	0.02	0.01	0.21	55.20	0.23	0.05	0.10	0.56	NANNO-FORAM OOZE
254 10 6 84	89.8	0.80	0.02	0.24	0.04	0.00	0.22	55.50	0.10	0.06	0.10	0.94	NANNO-FORAM OOZE
254 12 4 72	105.7	1.40	0.02	0.10	0.04	0.00	0.27	55.20	0.17	0.07	0.10	0.86	NANNO-FORAM OOZE
254 17 1 68	139.2	0.70	0.0	0.16	0.03	0.0	0.23	55.80	0.17	0.06	0.11	1.22	NANNO-FORAM OOZE
254 18 6 66	156.2	1.80	0.11	0.68	0.11	0.01	0.43	54.70	0.29	0.18	0.18	1.01	NANNO-FORAM OOZE
254 19 6 30	165.3	2.20	0.14	0.70	0.19	0.01	0.40	53.60	0.22	0.11	0.25	0.93	NANNO-FORAM OOZE
254 19 6 97	166.0	0.70	0.0	0.16	0.05	0.01	0.37	56.60	0.14	0.03	0.13	0.67	NANNO-FORAM OOZE
254 20 3 66	170.7	2.00	0.12	0.74	0.19	0.02	0.65	55.40	0.18	0.16	0.10	0.67	NANNO-FORAM OOZE
254 20 6 66	175.2	1.00	0.13	0.60	0.18	0.01	0.58	55.40	0.14	0.10	0.17	0.70	NANNO-FORAM OOZE
254 22 CC	200.0	5.30	0.28	2.03	0.40	0.03	0.98	49.10	0.24	0.28	0.11	0.38	NANNO-FORAM OOZE
254 24 1 106	210.6	41.70	2.65	13.30	4.04	0.09	4.73	2.44	2.06	1.29	0.09	0.58	SANDY MUDSTONE
254 25 2 64	221.1	34.60	2.20	11.30	2.53	0.21	4.67	10.20	2.11	1.75	0.15	0.67	SANDY MUDSTONE

SITE 262: LAT 10 DEG 52 MIN S; LCNG 123 DEG 51 MIN E; DEPTH 2308 M (ANAL BUDD)

SAMPLE	DEPTH	SIC2	TI02	AL203	FE203	MNO	MGO	CA0	NA2C	K20	P205	CL	LITHOLGY
262 2 4 9.5	34.80	0.42	7.30	3.72	0.12	1.76	22.20	0.80	1.47	0.13	0.99	0.99	CLAYEY NANNO OOZE
262 4 3 27.0	41.50	0.48	9.66	4.29	0.13	1.84	16.20	0.83	1.61	0.15	0.96	0.96	CALCAREOUS CLAY
262 6 6 50.5	36.20	0.42	8.63	3.65	0.11	1.78	19.40	0.81	1.62	0.16	0.83	0.83	CLAYEY OOZE
262 8 6 69.5	38.70	0.47	9.97	4.18	0.11	1.90	18.00	0.82	1.77	0.17	0.64	0.64	CLAYEY OOZE
262 10 1 81.0	44.50	0.52	10.20	4.18	0.13	1.78	14.70	0.98	1.81	0.18	0.36	0.36	SIL. CLAYEY OOZE
262 12 6 107.5	44.30	0.52	10.90	4.37	0.14	2.00	12.50	0.56	1.92	0.18	0.62	0.62	CLAYEY OOZE
262 14 1 120.4	42.40	0.52	10.30	4.46	0.15	1.93	15.30	1.10	1.83	0.16	0.35	0.35	SIL. CLAYEY OOZE
262 16 6 145.5	44.70	0.56	10.70	4.19	0.15	1.56	14.40	1.14	1.85	0.16	0.44	0.44	CLAYEY OOZE
262 18 4 161.5	40.30	0.49	10.50	4.35	0.13	2.04	16.60	0.99	1.93	0.16	0.54	0.54	SIL. CLAYEY OOZE
262 20 3 180.4	38.00	0.51	10.60	4.50	0.14	2.15	18.60	0.93	2.01	0.15	0.37	0.37	CLAYEY OOZE
262 22 5 201.0	39.80	0.51	11.00	4.50	0.12	2.15	17.00	0.57	2.09	0.13	0.51	0.51	CLAYEY OOZE
262 24 6 221.5	35.80	0.50	10.60	4.26	0.08	1.85	20.10	0.91	1.98	0.13	0.56	0.56	CLAYEY OOZE
262 26 5 239.0	34.60	0.43	9.27	4.23	0.10	1.92	21.10	0.92	1.75	0.17	0.68	0.68	CLAYEY OOZE
262 29 5 267.5	22.30	0.30	6.61	2.82	0.05	1.75	21.60	0.74	1.23	0.17	0.66	0.66	CLAYEY OOZE

TABLE 3 - Continued

SAMPLE			DEPTH	SIC2	TI02	AL203	FE2C3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLG Y
262	30	5	277.0	16.80	0.24	4.82	2.11	0.05	1.62	36.20	0.67	0.89	0.19	0.51	CLAYEY OOZE
262	33	6	307.0	15.20	0.22	4.41	1.99	0.03	1.61	37.10	0.57	0.88	0.22	0.58	CLAYEY OOZE
262	35	6	326.0	23.10	0.35	6.94	2.96	0.03	2.50	26.90	0.67	1.39	0.14	0.53	NANNO-FORAM OOZE
262	37	6	345.0	23.20	0.33	6.50	2.78	0.03	2.12	27.60	0.67	1.38	0.15	0.57	NANNO-FORAM OOZE
262	39	5	362.5	11.50	0.11	2.10	1.13	0.03	2.59	39.80	0.42	0.48	0.22	0.45	NANNO-FORAM OOZE
262	41	6	383.0	7.40	0.08	1.74	1.06	0.02	3.58	42.30	0.39	0.40	0.33	0.42	CLAYEY CALC. OOZE
262	43	2	396.0	7.70	0.09	1.80	0.96	0.02	3.05	43.30	0.32	0.40	0.27	0.45	CALCAREGUS OOZE
262	45	6	421.0	1.50	0.0	0.29	0.21	0.02	8.78	42.80	0.23	0.09	0.20	0.36	DICLONITIC CCZE
SITE 266: LAT 56 DEG 24 MIN S; LONG 110 DEG 7 MIN E; DEPTH 4173 M (ANAL LI)															
SAMPLE			DEPTH	SIC2	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLG Y
266	1	4	24 4.7	87.60	0.04	0.58	0.30	0.11	0.23	0.26	0.74	0.22	0.05	3.74	DIATCM OOZE
266	2	3	74 23.7	71.90	0.36	3.73	2.35	0.09	1.11	5.79	1.28	0.83	0.10	3.04	DIATCM OOZE
266	4	4	74 63.2	81.30	0.25	3.52	1.87	0.05	0.79	0.57	1.06	0.90	0.07	3.33	DIATCM OOZE
266	5	2	92 84.4	64.70	0.88	10.30	6.05	0.15	2.23	1.65	1.93	2.36	0.17	2.53	DIATCM OOZE
266	5	6	76 93.3	72.90	0.48	6.87	3.72	0.19	1.32	0.88	1.57	1.60	0.10	3.12	DIATCM OOZE
266	6	6	76 109.3	75.20	0.39	6.31	3.23	0.04	1.12	0.85	1.59	1.45	0.09	3.76	DIATCM OOZE
266	7	5	49 126.5	75.50	0.36	5.55	2.82	0.06	1.25	0.68	2.90	1.52	0.08	1.58	DIATCM OOZE
266	8	6	10 137.1	69.20	0.63	9.33	4.77	0.05	1.75	1.20	1.83	2.24	0.13	2.50	DIATCM OOZE
266	9	3	35 142.4	70.60	0.54	8.36	4.20	0.08	1.59	1.10	1.77	2.15	0.16	2.61	DIATCMACEDUS CLAY
266	10	3	93 152.4	46.80	0.34	6.75	2.95	0.27	1.19	18.90	0.15	1.72	0.10	3.24	CLAY-DIA NANNO OOZE
266	11	6	75 166.3	64.10	0.69	12.10	5.68	0.39	2.35	1.33	1.92	3.05	0.18	1.98	CLAYEY DIATCM OOZE
266	12	3	22 180.2	38.80	0.42	8.16	3.72	0.18	1.67	22.00	1.37	2.15	0.14	1.53	CLAY
266	13	5	100 203.0	42.20	0.45	8.00	3.72	0.20	1.65	19.70	1.43	2.02	0.16	1.46	SILICEOUS CLAY
266	13	6	75 204.3	32.30	0.34	6.42	3.01	0.20	1.38	25.40	1.13	1.65	0.12	1.37	NANNO OOZE
266	14	2	76 217.3	60.20	0.53	10.20	5.07	0.17	2.19	6.19	1.50	2.94	0.19	1.89	SILICEOUS CLAY
266	15	3	76 237.8	41.00	0.44	7.98	3.60	0.27	1.18	19.40	1.29	2.19	0.18	1.47	CLAYEY NANNO OOZE
266	16	2	108 246.1	45.00	0.46	8.38	4.14	0.19	1.90	17.60	1.33	2.39	0.20	1.45	CALCAREGUS CLAY
266	17	5	77 259.8	11.60	0.08	1.98	0.88	0.21	0.46	45.90	0.36	0.49	0.08	1.10	NANNO OOZE
266	18	5	75 278.8	35.50	0.37	6.87	2.39	0.13	1.51	18.40	1.10	1.83	0.14	1.25	NANNO OOZE
266	19	6	75 299.2	43.40	0.44	8.16	4.08	0.13	1.73	17.80	1.23	2.23	0.16	1.53	CLAYEY CHALK
266	20	4	75 315.3	35.40	0.38	6.59	3.00	0.11	1.40	26.30	1.07	1.83	0.17	1.10	NANNO OOZE
266	21	6	120 337.7	33.90	0.32	6.19	2.74	0.12	1.47	26.20	1.05	1.63	0.12	1.21	NANNO CLAYSTONE
266	22	4	66 362.7	21.80	0.24	4.15	2.07	0.08	0.98	37.00	0.71	1.03	0.12	0.88	NANNO CLAYSTONE
SITE 267,267A: LAT 59 DEG 16 MIN S; LONG 104 DEG 30 MIN E; DEPTH 4522 M (ANAL LI)															
SAMPLE			DEPTH	SIC2	TI02	AL203	FE2C3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLG Y
267	1	2	76 2.3	68.70	0.73	5.60	5.36	0.06	2.08	1.24	1.85	2.31	0.13	2.34	CLAY
267A	1	4	75 9.3	63.90	0.75	11.80	5.99	0.19	2.19	1.03	1.83	3.00	0.13	2.50	SILICEOUS CLAY
267	3	5	75 96.3	61.50	0.69	14.20	6.35	0.29	2.94	1.10	1.93	3.73	0.17	1.50	CLAY
267	4	6	75 135.8	34.60	0.38	7.40	3.64	0.18	1.75	26.00	1.10	2.03	0.15	1.25	NANNO OOZE
267	5	2	46 167.5	14.00	0.19	2.71	2.09	0.39	1.17	39.80	0.56	0.71	0.16	1.22	NANNO OOZE / CHALK
SITE 267B: LAT 59 DEG 16 MIN S; LONG 104 DEG 30 MIN E; DEPTH 4522 M (ANAL LI)															
SAMPLE			DEPTH	SIC2	TI02	AL203	FE2C3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLG Y
267B	4	2	81 164.3	67.40	0.63	11.10	5.62	0.10	2.30	0.93	1.84	3.09	0.14	1.73	SILICEOUS CLAY
267B	5	5	75 187.8	67.80	0.58	11.40	5.32	0.09	2.09	1.06	1.96	2.95	0.13	1.60	SILICEOUS CLAY
267B	5	6	78 189.3	68.30	0.58	11.20	5.18	0.09	2.03	0.96	1.83	3.05	0.12	1.65	SILICEOUS CLAY
267B	7	6	75 246.3	66.90	0.61	12.10	5.67	0.19	2.20	0.90	1.64	3.22	0.14	1.81	SILICEOUS CLAY
267B	8	6	72 274.7	66.70	0.64	12.50	5.89	0.10	2.35	1.07	1.96	3.33	0.15	1.22	SILICEOUS CLAY
267B	9	6	79 303.3	61.40	0.71	14.50	6.62	0.75	3.13	1.24	1.90	3.68	0.20	1.12	SILICEOUS CLAY
267B	10	1	110 314.6	7.40	0.06	0.36	2.30	0.70	0.87	48.00	0.34	0.30	0.14	0.77	NANNO CHALK
SITE 277: LAT 52 DEG 14 MIN S; LONG 160 DEG 11 MIN E; DEPTH 1232 M (ANAL WALLACE)															
SAMPLE			DEPTH	SIC2	TI02	AL203	FE203	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLG Y
277	1	2	28 1.8	0.79	0.02	0.60	0.19	0.01	0.19	58.10	0.42	0.06	0.18	1.35	CALC. OOZE
277	1	2	39 2.4	2.58	0.05	0.99	0.50	0.02	0.26	54.30	0.29	0.10	0.06	1.04	CALC. OOZE
277	1	3	29 3.3	2.18	0.06	0.96	0.41	0.01	0.25	55.90	0.23	0.10	0.14	1.03	CALC. OOZE
277	4	6	80 34.3	2.18	0.03	0.35	0.25	0.03	0.21	56.10	0.23	0.07	0.15	1.05	GLAUC. CALC. OOZE
277	10	6	80 91.3	1.78	0.02	0.74	0.28	0.03	0.17	57.00	0.20	0.05	0.11	1.03	CALC. OOZE
277	23	3	80 210.3	7.33	0.06	1.70	0.48	0.03	0.40	51.40	0.30	0.19	0.23	0.82	CALC. OOZE
277	29	2	80 265.8	3.96	0.03	1.17	0.34	0.03	0.32	53.00	0.24	0.14	0.19	0.75	CALC. OOZE
277	35	1	80 349.8	1.98	0.02	0.92	0.33	0.08	0.26	56.80	0.18	0.07	0.11	0.69	NANNO CHALK
277	41	1	90 415.4	4.17	0.03	1.35	0.30	0.04	0.43	52.50	0.25	0.11	0.13	0.67	NANNO CHALK
277	44	2	56 446.1	10.70	0.06	2.19	0.51	0.08	0.52	51.50	0.44	0.32	0.14	0.38	GLAUC. CHALK
277	46	2	66 463.2	10.30	0.03	1.49	0.42	0.02	0.41	48.50	0.18	0.12	0.15	0.38	NANNO CHALK

SITE 278; LAT 56 DEG 34 MIN S; LONG 16J DEG 4 MIN E; DEPTH 3708 M (ANAL WALLACE)

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY				
278	1	2	73	2.2	41.30	0.30	4.00	2.96	0.18	1.65	21.60	1.41	0.41	0.07	3.33	CALC. RAD. CIATOM	OOZE
278A	2	4	75	30.3	69.60	0.27	5.70	2.73	0.09	1.52	5.87	1.68	0.78	0.10	2.51	CALC. RAD. CIATM	OOZE
278	2	3	77	104.8	57.80	0.17	2.60	1.70	0.07	0.75	14.20	0.60	0.44	0.05	3.03	SILICEOUS	OOZE
278	3	2	120	113.2	64.20	0.18	3.00	1.95	0.10	0.84	10.10	0.92	0.54	0.06	3.20	SILICEOUS	OOZE
278	3	6	75	118.8	65.50	0.14	2.50	1.51	0.11	0.62	10.60	0.87	0.46	0.06	2.52	SILICEOUS	OOZE
278	4	4	75	125.3	49.50	0.28	4.20	2.24	0.10	0.97	17.80	1.16	0.75	0.07	2.09	SILICEOUS	OOZE
278	5	6	74	137.7	65.80	0.17	2.60	1.62	0.12	0.66	11.20	0.94	0.44	0.06	2.46	SILICEOUS	OOZE
278	6	6	75	147.3	76.30	0.20	3.40	1.80	0.21	0.84	4.31	1.69	0.63	0.06	2.57	SILICEOUS	OOZE
278	7	6	77	155.8	71.10	0.43	7.00	4.10	0.12	1.60	2.75	2.46	1.26	0.10	2.65	SILICEOUS	OOZE
278	8	3	80	161.8	68.20	0.56	9.60	5.28	0.10	2.18	2.45	2.54	1.56	0.14	2.06	SILICEOUS	OOZE
278	8	6	25	165.8	65.80	0.64	10.20	6.42	0.68	2.64	1.35	2.47	1.68	0.15	2.24	SILICEOUS	OOZE
278	9	5	75	174.3	37.10	0.33	5.30	3.85	0.53	1.37	24.20	1.03	1.23	0.11	2.18	SIL. NANNO.	OOZE
278	10	6	76	185.3	38.60	0.35	5.50	3.61	0.19	1.24	15.00	1.29	1.23	0.08	2.22	SIL. NANNO.	OOZE
278	11	6	80	194.8	60.80	0.34	6.10	3.11	0.26	1.24	8.88	1.42	1.27	0.09	2.36	SIL. NANNO.	OOZE
278	12	5	75	202.8	30.40	0.14	2.60	1.50	0.12	0.59	25.50	0.61	0.56	0.05	1.68	SIL. NANNO.	OOZE
278	13	6	78	213.8	20.40	0.17	2.90	1.76	0.18	0.58	34.10	0.56	0.67	0.05	1.53	SIL. NANNO.	OOZE
278	14	6	77	223.3	49.60	0.65	7.00	3.96	0.27	1.42	14.70	1.56	1.54	0.09	1.87	SIL. NANNO.	OOZE
278	15	6	73	232.7	61.40	0.68	11.50	7.07	0.27	2.44	2.92	2.35	2.03	0.14	1.80	SIL. NANNO.	OOZE
278	16	6	77	242.3	77.40	0.30	5.70	3.27	0.21	1.66	1.01	1.28	1.27	0.09	2.35	SILICEOUS	OOZE
278	18	6	25	260.8	43.10	0.51	8.00	4.81	0.29	1.60	17.20	1.60	1.31	0.13	1.71	SIL. NANNO.	OOZE
278	20	6	74	280.2	74.10	0.43	7.10	3.38	0.12	1.31	1.58	1.38	1.55	0.08	2.35	CALC. SILICEOUS	OOZE
278	22	3	74	294.7	66.50	0.57	10.90	4.56	0.08	1.81	0.88	1.66	2.27	0.13	1.93	SILICEOUS	OOZE
278	23	6	73	308.7	67.30	0.43	7.80	3.62	0.18	1.40	3.82	1.33	1.59	0.10	2.42	SILICEOUS	OOZE
278	24	6	73	313.2	58.20	0.22	3.30	2.21	0.37	0.78	13.20	1.02	0.82	0.07	2.11	SILICEOUS	OOZE
278	27	6	73	346.7	77.80	0.32	5.90	3.00	0.04	1.09	0.37	1.53	1.36	0.05	3.22	SILICEOUS	OOZE
278	29	6	75	365.8	65.70	0.53	10.90	5.25	0.07	1.80	0.73	1.74	2.41	0.11	1.77	SILICEOUS	OOZE

SITE 283; LAT 43 DEG 55 MIN S; LONG 154 DEG 17 MIN E; DEPTH 4766 M (ANAL WALLACE)

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY				
283	2	2	74	12.2	53.70	0.93	15.90	7.53	0.57	2.02	1.02	1.21	2.18	0.47	3.75	SILTY ZEOLITIC	CLAY
283	2	4	77	12.3	63.20	0.73	12.00	8.10	0.04	2.23	0.54	1.61	2.51	0.09	1.50	SILTY ZEOLITIC	CLAY
283A	2	1	75	11.8	47.80	0.90	15.40	5.00	0.10	1.83	3.62	1.02	2.08	0.11	3.36	SILTY ZEOLITIC	CLAY
283A	2	2	73	13.2	47.40	0.89	16.40	7.78	0.71	2.25	0.57	1.37	1.99	0.24	4.63	SILTY ZEOLITIC	CLAY
283	5	2	50	38.0	63.70	0.63	11.40	4.96	0.01	1.31	0.62	1.57	1.49	0.10	2.66	SILICEOUS	OOZE
283	6	2	65	126.2	60.60	0.71	12.50	3.90	0.06	1.32	4.74	1.11	1.40	0.09	2.20	CALC. SILICEOUS	OOZE
283	7	6	100	161.0	54.70	0.68	12.50	5.33	0.07	1.28	6.87	1.21	1.38	0.10	2.50	CALC. SILICEOUS	OOZE
283	8	2	79	192.8	65.70	0.77	13.60	5.37	0.04	1.78	0.60	1.24	1.64	0.10	1.78	SILTY SILICEOUS	CLAY
283	8	3	75	194.3	64.80	0.77	13.50	6.22	0.01	1.97	0.81	1.18	1.60	0.10	1.65	SILTY SILICEOUS	CLAY
283	9	5	73	225.7	62.40	0.90	16.60	6.29	0.02	1.80	0.53	1.23	1.89	0.12	0.95	SILTY CLAY	
283	11	3	79	277.8	64.70	0.73	15.90	7.21	0.02	1.59	0.52	1.02	1.63	0.08	0.86	SILTY CLAY	
283	12	1	77	324.3	64.30	0.69	14.00	7.57	0.10	1.52	0.57	1.14	1.64	0.10	0.84	SILTY CLAYSTONE	
283	12	2	74	325.7	68.40	0.70	13.70	5.95	0.02	1.46	0.80	1.18	1.70	0.09	0.75	SILTY CLAYSTONE	
283	13	5	74	377.7	65.40	0.66	15.00	5.54	0.04	1.57	0.95	1.07	1.89	0.08	0.46	SILTY CLAYSTONE	
283	14	3	75	431.8	73.00	0.64	12.30	4.66	0.03	1.30	0.56	0.91	1.78	0.06	0.39	SILTY CLAYSTONE	
283	14	4	103	433.5	38.20	0.38	7.50	27.80	1.83	2.17	2.26	0.75	1.07	0.23	0.26	SILTY CLAYSTONE	
283	15	4	74	490.2	75.40	0.63	11.60	4.26	0.04	1.28	0.40	0.55	1.70	0.06	0.35	SILTY CLAYSTONE	
283	16	3	125	546.3	66.70	0.56	12.20	5.54	0.04	1.47	0.38	0.81	1.85	0.07	0.42	CLAYSTONE	
283	17	6	70	578.7	67.10	0.64	14.20	5.81	0.01	1.53	0.57	1.07	1.86	0.09	1.13	CLAYSTONE	

SITE 289; LAT 0 DEG 30 MIN S; LONG 158 DEG 31 MIN E; DEPTH 2224 M (ANAL WALLACE)

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY				
289	1	6	88	3.4	3.90	0.20	1.16	0.38	0.05	0.35	52.80	0.29	0.09	0.07	1.49	NANNO-FORAM	OOZE
289	3	6	55	27.1	3.40	0.04	0.95	0.44	0.03	0.32	52.40	0.27	0.0	0.07	1.41	NANNO-FORAM	OOZE
289	5	4	100	43.5	3.10	0.04	0.80	0.24	0.05	0.28	52.20	0.20	0.0	0.09	1.26	NANNO-FORAM	OOZE
289	8	6	85	74.9	2.70	0.03	0.62	1.09	0.0	0.26	52.50	0.39	0.0	0.12	1.35	NANNO-FORAM	OOZE
289	11	4	87	103.4	2.40	0.02	0.49	0.63	0.03	0.25	53.30	0.16	0.0	0.09	1.26	NANNO-FORAM	OOZE
289	14	6	51	131.9	1.50	0.01	0.29	0.16	0.10	0.20	53.80	0.16	0.0	0.07	1.11	NANNO-FORAM	OOZE
289	17	4	109	157.6	1.30	0.02	0.29	0.40	0.02	0.22	54.00	0.71	0.0	0.07	0.47	NANNO-FORAM	OOZE
289	20	6	95	188.9	1.30	0.01	0.28	0.0	0.05	0.16	54.10	0.10	0.0	0.07	1.26	RAD-NANNO-FORAM	OOZE
289	23	6	109	217.6	1.60	0.02	0.22	0.20	0.0	0.13	54.50	0.17	0.0	0.06	1.04	NANNO-FORAM	OOZE
289	26	5	64	244.1	2.00	0.0	0.28	0.0	0.0	0.18	54.20	0.21	0.0	0.08	1.06	NANNO-FORAM	OOZE
289	29	3	96	270.0	2.60	0.0	0.36	0.06	0.0	0.23	57.40	0.01	0.06	0.07	1.05	NANNO-FORAM	OOZE/CHALK
289	32	5	112	301.6	3.50	0.02	0.37	0.38	0.02	0.19	52.20	0.21	0.0	0.06	1.06	NANNO-FORAM	OOZE/CHALK
289	35	4	76	323.3	2.30	0.01	0.26	0.32	0.0	0.19	53.20	0.11	0.05	0.07	1.10	NANNO-FORAM	OOZE/CHALK
289	38	6	107	360.1	2.50	0.07	0.29	0.45	0.0	0.24	51.70	0.07	0.0	0.06	0.99	NANNO-FORAM	OOZE/CHALK
289	41	2	125	382.7	4.70	0.02	0.41	0.24	0.0	0.24	51.70	0.05	0.07	0.09	1.26	NANNO-FORAM	OOZE/CHALK
289	44	4	104	414.0	3.50	0.01	0.31	0.45	0.0	0.23	52.40	0.17	0.08	0.06	0.82	NANNO-FORAM	OOZE/CHALK

TABLE 3 - Continued

SAMPLE	DEPTH	SI02	TIC2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
289 47 6 109	445.6	2.70	0.00	0.28	0.27	0.0	0.19	54.10	0.14	0.06	0.06	0.87	NAN.-FOR. COZE/CHALK
289 50 6 130	474.3	2.40	0.00	0.22	0.04	0.0	0.20	56.10	0.0	0.0	0.05	0.88	NAN.-FOR. CHALK/OOZE
289 53 4 90	497.4	2.80	0.02	0.35	0.08	0.03	0.20	52.80	0.12	0.0	0.04	0.93	NAN.-FOR. CHALK/CCZE
289 56 4 87	527.9	2.70	0.00	0.28	0.26	0.0	0.24	51.90	0.07	0.09	0.05	0.93	NANNO CHALK
289 59 2 86	553.4	4.40	0.01	0.80	0.35	0.02	0.32	55.70	0.12	0.12	0.07	0.74	NANNO-FORAM CHALK
289 62 2 36	581.4	2.20	0.00	0.24	0.18	0.0	0.22	53.60	0.02	0.11	0.05	0.80	NANNO-FORAM CHALK
289 65 2 83	610.3	5.70	0.01	0.28	0.08	0.03	0.20	51.50	0.17	0.0	0.05	0.87	NANNO-FORAM CHALK
289 68 6 128	645.3	2.70	0.01	0.30	0.04	0.0	0.21	54.40	0.0	0.0	0.05	0.77	NANNO-FORAM CHALK
289 71 5 27	671.3	3.20	0.01	0.30	0.0	0.0	0.19	52.60	0.18	0.0	0.05	0.79	NAN.-FOR. CHALK/COZE
289 74 6 93	701.9	4.40	0.01	0.50	0.25	0.01	0.28	56.90	0.12	0.07	0.05	0.74	NAN.-FOR. CHALK/COZE
289 77 1 112	723.1	4.20	0.02	0.45	0.32	0.0	0.26	54.00	0.09	0.04	0.06	0.76	NAN.-FOR. CHALK/COZE
289 80 4 108	755.1	11.40	0.07	2.04	0.0	0.0	0.35	45.90	0.49	0.12	0.09	0.62	RAD-N-F CHALK CCZE
289 83 2 147	782.0	3.40	0.01	0.37	0.45	0.0	0.25	54.00	0.05	0.0	0.05	0.75	RAD-N-F CHALK OOZE
289 86 5 81	814.3	3.40	0.02	0.49	0.35	0.0	0.29	52.60	0.05	0.0	0.06	0.68	RAD-N-F CHALK OOZE
289 87 2 32	818.8	12.70	0.09	1.37	0.34	0.06	0.64	45.20	0.39	0.11	0.11	0.45	NANNO-FORAM CHALK
289 90 3 136	849.9	7.00	0.06	0.97	0.75	0.01	0.32	50.80	0.23	0.0	0.06	0.60	RAD-NANNO CHALK
289 94 4 107	889.1	2.70	0.01	0.25	0.12	0.05	0.17	52.90	0.15	0.0	0.03	0.71	RAD-FOR.-NAN. CHALK
289 97 4 12	916.6	7.40	0.09	1.10	0.63	0.04	0.39	49.90	0.18	0.0	0.05	0.63	RAD-FOR.-NAN. CHALK
289 100 1 124	941.7	5.10	0.01	0.14	0.32	0.0	0.26	53.80	0.12	0.13	0.05	0.74	NAN.-FOR. CHALK/COZE
289 101 2 140	952.9	3.40	0.01	0.36	0.32	0.0	0.29	54.50	0.09	0.03	0.06	0.58	NAN.-FOR. CHALK/COZE
289 103 1 66	969.7	6.40	0.01	0.16	0.20	0.0	0.21	50.70	0.04	0.02	0.06	0.78	NAN.-FOR.-RAD. CHALK
289 106 5 108	1004.6	5.00	0.0	0.16	0.24	0.0	0.22	52.00	0.0	0.0	0.06	0.62	RAD.-FOR.-NAN. CHALK
289 107 2 57	1009.1	7.50	0.01	0.01	0.42	0.0	0.23	50.70	0.0	0.12	0.07	0.66	FELD.-RAD.-N-F LIME.
289 111 3 65	1049.2	5.10	0.0	0.08	0.20	0.0	0.24	52.60	0.01	0.03	0.06	0.33	NANNO LIMESTONE
289 113 1 137	1065.4	0.40	0.0	0.13	0.0	0.0	0.23	56.60	0.0	0.0	0.05	0.20	NANNO LIMESTONE
289 115 1 89	1083.9	2.10	0.04	0.35	0.20	0.03	0.35	52.20	0.12	0.0	0.15	0.10	LIMESTONE
289 116 1 119	1093.7	0.30	0.00	0.08	0.24	0.0	0.22	55.80	0.0	0.0	0.06	0.31	LIMESTONE
289 118 1 72	1112.2	0.60	0.01	0.05	0.26	0.0	0.20	56.20	0.0	0.03	0.06	0.27	FELD. LIMESTONE
289 120 1 82	1131.3	0.50	0.01	0.06	0.0	0.05	0.20	52.40	0.03	0.0	0.06	0.12	LIMESTONE
289 121 2 104	1138.5	28.70	0.58	5.60	2.50	0.04	3.00	29.10	1.07	1.23	1.42	0.35	LIMESTONE
289 122 2 41	1147.7	3.50	0.06	0.58	0.50	0.03	0.49	53.10	0.05	0.18	0.07	0.15	LIMESTONE
289 123 1 49	1155.4	0.40	0.0	0.01	0.32	0.0	0.17	56.70	0.0	0.0	0.03	0.28	LIMESTONE
289 124 2 108	1167.1	0.40	0.01	0.09	0.04	0.0	0.18	56.80	0.0	0.0	0.04	0.33	SILICEOUS LIMESTONE
289 126 1 118	1184.7	0.50	0.00	0.02	0.24	0.0	0.10	54.90	0.0	0.0	0.03	0.55	LIMESTONE
289 128 1 120	1203.7	0.10	0.00	0.16	0.04	0.0	0.11	54.50	0.06	0.0	0.03	0.38	LIMESTONE
289 129 1 146	1213.5	0.50	0.02	0.17	0.0	0.02	0.13	54.10	0.0	0.0	0.03	0.47	LIMESTONE
289 131 1 146	1232.5	19.10	0.28	4.91	2.68	0.06	1.55	34.60	0.43	1.33	2.21	0.33	VOLCANIC ASH
289 131 2 64	1233.1	5.20	0.10	1.52	0.16	0.14	0.56	46.40	0.21	0.06	0.20	0.25	LIMESTONE
289 131 3 83	1234.8	4.70	0.06	1.03	0.93	0.22	0.43	51.80	0.12	0.14	0.14	0.35	LIMESTONE
SITE 292: LAT 15 DEG 49 MIN N; LONG 124 DEG 39 MIN E; DEPTH 2943 M (ANAL LI)													
SAMPLE	DEPTH	SIU2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
292 1 1 74	0.7	42.60	0.62	14.00	6.87	0.44	2.83	11.60	1.86	1.40	0.17	1.68	CLAYEY NANNO OOZE
292 1 3 39A	3.9	50.00	0.60	14.10	6.33	0.27	2.40	9.05	2.46	1.66	0.20	1.19	ASH-RICH OOZE
292 1 4 7	4.6	46.80	0.63	15.30	7.19	0.45	2.90	7.94	2.16	1.49	0.18	1.37	CLAYEY NANNO OOZE
292 2 2 66	3.7	39.50	0.65	14.30	7.30	0.16	2.69	12.20	1.44	1.40	0.14	1.50	CLAYEY NANNO OOZE
292 2 3 91	10.4	40.20	0.69	13.70	6.79	0.16	2.70	13.00	1.78	1.59	0.18	1.34	CLAYEY NANNO OOZE
292 3 2 15A	17.6	53.80	0.70	15.30	5.49	0.17	1.75	7.08	3.56	3.44	0.25	0.84	VOLCANIC ASH
292 3 3 17	17.2	33.30	0.62	11.30	7.09	0.11	2.60	18.70	1.52	1.17	0.15	2.31	VOLCANIC ASH
292 4 3 62	27.1	16.00	0.32	6.70	3.40	0.14	1.49	36.70	0.70	0.63	0.12	1.09	NANNO OOZE
292 4 5 103	32.5	16.80	0.35	6.70	3.67	0.11	1.78	35.10	0.73	0.65	0.11	1.05	NANNO OOZE
292 5 4 45	40.0	16.40	0.35	6.60	3.51	0.11	1.44	34.40	0.86	0.63	0.11	1.08	NANNO OOZE
292 5 6 60	44.1	16.20	0.31	6.30	3.17	0.10	1.51	36.50	0.78	0.67	0.11	1.27	NANNO OOZE
292 6 6 134	53.3	12.50	0.23	4.30	2.43	0.09	1.24	42.10	0.53	0.56	0.11	1.12	NANNO OOZE
292 7 2 141	56.9	9.50	0.20	4.00	2.01	0.10	0.99	44.20	0.34	0.44	0.11	0.86	NANNO OOZE
292 7 4 59	59.1	10.00	0.19	3.90	2.00	0.05	0.99	43.80	0.27	0.42	0.10	0.99	NANNO OOZE
292 7 6 91A	62.4	33.70	0.31	13.30	2.18	0.01	1.88	17.80	2.65	2.18	0.13	1.83	ASH-RICH OOZE
292 8 6 77	67.3	13.90	0.20	5.10	1.87	0.05	1.40	39.60	0.70	0.61	0.10	1.20	NANNO OOZE
292 8 6 52	71.5	7.80	0.14	3.10	1.70	0.10	0.83	45.50	0.38	0.34	0.09	0.90	NANNO OOZE
292 9 6 8	83.6	13.80	0.30	5.30	2.73	0.13	0.86	35.80	0.48	0.58	0.12	0.95	NANNO OOZE
292 10 2 113	85.1	20.70	0.34	7.30	3.89	0.16	1.70	32.90	0.41	0.84	0.12	0.84	NANNO OOZE
292 11 5 99	93.0	13.60	0.27	5.20	2.78	0.11	1.32	39.50	0.66	0.58	0.12	0.80	NANNO OOZE
292 11 6 60	100.1	10.80	0.17	3.60	2.15	0.11	1.53	44.60	0.63	0.53	0.09	0.74	NANNO OOZE
292 12 5 72	108.2	7.60	0.11	2.30	1.53	0.10	0.64	48.20	0.35	0.25	0.08	0.75	NANNO OOZE
292 13 2 34	112.8	5.60	0.08	2.20	1.21	0.10	0.54	46.20	0.35	0.87	0.08	1.05	CLAYEY OOZE
292 13 3 124	115.2	11.90	0.11	3.16	1.61	0.11	0.74	42.40	0.70	0.67	0.10	0.82	VOLCANIC ASH
292 13 6 96	119.5	12.80	0.17	3.90	2.10	0.08	0.84	42.90	0.72	0.69	0.11	0.70	CLAYEY OOZE
292 14 3 23	123.7	12.40	0.15	4.10	1.97	0.17	0.81	41.60	0.67	0.78	0.11	0.89	CLAYEY OOZE
292 14 5 92	127.4	15.40	0.23	5.20	2.66	0.18	1.05	38.40	0.67	0.83	0.13	0.83	CLAYEY OOZE
292 15 4 53	135.0	10.40	0.13	2.80	1.88	0.07	0.77	43.10	0.62	0.52	0.07	0.96	CLAYEY OOZE
292 15 5 146	137.5	11.70	0.13	3.00	2.00	0.13	0.73	43.10	0.56	0.62	0.07	0.79	CLAYEY OOZE
292 16 6 112	148.1	9.60	0.12	2.30	1.40	0.06	0.77	45.30	0.60	0.42	0.09	0.86	NANNO OOZE



SAMPLE	DEPTH	SI02	TIC2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY	
292 17 1	133	153.3	16.30	0.15	4.30	1.35	0.06	0.66	39.30	0.57	0.90	0.12	1.19	NANNO OCZE
292 17 6	83	137.3	48.90	0.31	12.30	2.70	0.06	1.21	13.20	3.14	2.96	0.05	0.66	NANNO CHALK
292 18 6	113	167.1	13.70	0.14	3.30	1.71	0.05	0.66	41.60	0.91	0.37	0.08	0.83	NANNO CHALK
292 19 5	33	174.3	24.80	0.26	6.00	2.86	0.05	0.97	33.00	1.08	0.68	0.12	0.77	NANNO CHALK
292 21 5	102	194.0	17.90	0.20	3.30	2.44	0.10	0.66	38.40	0.96	0.44	0.07	0.97	NANNO CHALK
292 22 3	28	199.8	36.80	0.17	6.33	1.61	0.08	0.62	25.80	1.82	1.39	0.11	0.91	VOLCANIC ASH
292 23 2	60	203.1	21.00	0.27	4.30	2.86	0.09	1.24	36.70	1.01	0.47	0.11	0.71	NANNO CHALK
292 25 1	113	226.1	18.00	0.24	3.70	2.61	0.06	0.99	41.10	0.75	0.32	0.05	0.76	NANNO CHALK
292 27 1	92	244.9	4.20	0.06	0.52	0.46	0.05	0.32	50.60	0.12	0.09	0.07	0.81	NANNO CHALK
292 27 2	23	257.7	16.10	0.14	2.30	1.38	0.08	0.50	40.10	0.78	0.48	0.09	0.77	NANNO CHALK
292 30 1	95	273.5	5.20	0.05	0.44	0.50	0.04	0.30	50.40	0.16	0.08	0.07	0.76	NANNO CHALK
292 33 2	90	303.4	4.80	0.07	0.60	0.70	0.05	0.45	51.30	0.18	0.07	0.08	0.54	NANNO CHALK
292 35 2	128	322.8	17.50	0.30	4.30	2.11	0.09	0.80	37.60	2.51	0.68	0.10	0.65	NANNO CHALK
292 35 3	32	323.3	5.50	0.09	1.11	0.61	0.07	0.48	49.50	0.22	0.11	0.09	0.59	VOLCANIC ASH
292 36 1	18*	323.7	61.10	0.60	14.00	5.54	0.15	0.77	1.82	4.92	3.95	0.12	0.29	ASH WITH GLAUCOPHANE
292 36 5	78	336.3	23.10	0.20	4.10	3.29	0.10	1.29	33.00	1.21	0.79	0.08	1.43	NANNO CHALK
292 37 2	111	341.6	56.50	0.92	13.10	7.67	0.19	1.25	4.15	4.01	2.71	0.20	0.68	NANNO CHALK
292 37 3	118	343.2	11.30	0.07	1.39	0.84	0.07	0.64	45.00	0.33	0.18	0.11	0.70	VOLCANIC ASH
292 38 1	119	343.7	49.30	2.81	12.20	10.40	0.10	4.43	11.00	2.83	0.98	0.40	0.50	VOLCANIC ASH

SITE 296: LAT 29 DEG 20 MIN N; LONG 133 DEG 32 MIN E; DEPTH 2958 M (ANAL. LI)

SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
296 1 1	94	37.90	0.44	5.34	5.09	0.17	1.87	19.20	1.34	1.94	0.14	1.44	NANNO CLAY
296 1 4	131	56.00	1.03	12.40	7.12	0.16	2.02	7.53	2.93	1.63	0.19	1.14	VOLCANIC ASH
296 5 1	115	36.1	0.48	14.20	4.06	0.13	1.80	20.10	1.33	1.50	0.12	1.49	NANNO CLAY
296 6 5	63	51.1	0.42	9.32	3.65	0.18	1.66	22.00	1.11	1.91	0.10	1.25	CLAYEY NANNO OOZE
296 8 1	101	64.5	0.52	11.20	4.25	0.11	1.87	18.40	1.30	2.18	0.12	1.50	CLAYEY NANNO OOZE
296 10 2	102	85.0	0.36	8.31	3.30	0.13	1.38	28.40	0.43	1.55	0.13	1.36	CLAYEY NANNO OOZE
296 11 3	61	95.6	0.31	9.78	3.09	0.08	1.26	22.30	2.65	1.90	0.11	1.27	VOLCANIC ASH
296 13 2	132	115.3	0.27	6.30	2.54	0.14	1.07	32.20	0.82	1.21	0.10	1.29	CLAYEY NANNO OOZE
296 14 6	87	128.9	0.27	6.15	2.50	0.13	0.97	35.00	0.76	1.11	0.12	1.27	CLAYEY NANNO OOZE
296 15 3	31	133.3	0.19	11.10	2.36	0.07	0.51	11.10	3.02	2.70	0.07	0.95	VOLCANIC ASH
296 16 4	124	145.2	0.15	3.41	1.30	0.18	0.60	43.20	0.35	0.59	0.14	1.15	CLAYEY NANNO OOZE
296 17 3	136	153.4	0.17	4.25	1.62	0.17	0.72	40.40	0.51	0.77	0.09	1.04	CLAYEY NANNO OOZE
296 18 1	111	159.6	0.36	8.49	3.49	0.11	1.08	27.40	1.41	1.15	0.11	0.97	VOLCANIC ASH
296 18 2	98	161.0	0.20	5.34	1.98	0.18	0.90	38.30	0.50	0.85	0.09	1.17	CLAYEY NANNO OOZE
296 20 4	95	183.0	0.17	4.24	1.52	0.15	0.75	40.30	0.40	0.74	0.08	0.95	CLAYEY NANNO OOZE
296 21 1	100	183.0	0.20	5.31	2.03	0.15	0.89	37.70	0.52	0.91	0.09	1.05	CLAYEY OOZE (CHALK)
296 22 6	69	204.7	0.22	5.71	2.17	0.22	0.95	36.40	0.61	1.03	0.12	1.01	CLAYEY OOZE (CHALK)
296 23 3	69	203.7	0.32	8.22	3.18	0.26	1.34	27.20	0.84	1.47	0.12	1.07	CLAYEY OOZE (CHALK)
296 24 3	91	219.4	0.24	6.41	2.45	0.25	1.05	34.00	0.66	1.15	0.10	1.05	CLAYEY OOZE (CHALK)
296 25 4	111	230.6	0.32	8.84	2.83	0.26	1.66	24.00	1.48	1.74	0.11	0.95	CLAYEY OOZE (CHALK)
296 26 4	141	243.4	0.41	10.10	4.01	0.30	1.61	22.40	1.09	1.73	0.14	1.07	CLAYEY OOZE (CHALK)
296 27 2	124	246.7	0.29	7.47	2.88	0.19	1.20	30.10	0.77	1.23	0.09	1.25	CLAYEY OOZE (CHALK)
296 28 4	22	258.2	0.28	7.12	2.77	0.26	1.28	31.20	0.77	1.28	0.10	1.02	CLAYEY OOZE (CHALK)
296 28 4	42	258.4	0.35	9.25	4.44	0.18	1.15	27.30	1.15	0.89	0.13	1.15	VOLCANIC ASH
296 29 5	36	269.4	0.21	5.19	2.39	0.58	0.92	35.50	0.68	0.81	0.13	1.10	CLAYEY OOZE (CHALK)
296 35 6	28	327.8	0.17	4.33	2.73	0.20	0.91	36.80	0.61	0.46	0.11	0.83	VOLCANIC ASH
296 41 3	47	380.5	0.99	16.40	10.20	0.16	2.43	7.88	2.91	0.97	0.23	0.49	VOLCANIC ASH
296 54 3	70	627.7	0.70	17.20	9.78	0.10	5.67	8.64	2.11	0.45	0.15	0.40	VOLCANIC ASH
296 56 6	98	699.0	0.74	17.50	8.55	0.08	5.94	7.17	2.27	0.37	0.17	0.32	VOLCANIC ASH
296 64 4	56	1075.6	0.89	15.10	11.20	0.18	5.74	7.55	1.14	0.35	0.13	0.25	VOLCANIC ASH

SITE 297: LAT 30 DEG 52 MIN N; LONG 134 DEG 10 MIN E; DEPTH 4480 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
297 3 2	48	22.0	0.68	15.70	5.75	0.17	2.40	2.03	1.56	2.69	0.17	2.06	DIATOM, SILTY CLAY
297 4 5	78	45.8	0.66	16.10	6.76	0.10	2.11	2.17	2.40	3.13	0.17	1.37	VOLCANIC ASH
297 5 6	64	66.1	0.66	18.50	5.20	0.21	2.44	5.27	1.49	2.88	0.12	1.59	CLAYEY NANNO OOZE
297 6 6	83	95.3	0.65	16.30	5.23	0.12	2.40	1.73	1.75	2.85	0.16	1.83	NANNO SILTY CLAY
297 8 6	48	113.5	0.68	16.30	5.98	0.13	2.72	1.21	1.67	3.22	0.10	1.37	CLAYEY SILT
297 10 6	83	161.3	0.64	16.10	5.78	1.00	2.52	1.88	1.71	2.63	0.13	1.48	SILTY CLAY
297 11 3	83	201.3	0.68	16.50	5.57	0.16	2.76	1.63	2.48	2.95	0.12	0.51	SILTY CLAY
297 12 2	63	220.1	0.66	16.30	6.01	0.14	2.59	1.12	1.56	3.04	0.11	1.75	SILTY CLAYSTONE
297 12 3	111	252.1	0.43	14.20	3.07	0.06	0.83	1.84	3.20	3.51	0.11	0.67	VOLCANIC ASH
297 13 1	139	269.9	0.72	17.30	5.93	0.06	2.62	1.00	1.55	2.99	0.12	1.49	SILTY CLAYSTONE
297 15 3	56	334.1	0.92	18.10	6.19	0.06	2.67	1.35	2.11	2.18	0.10	0.94	SILTY CLAYSTONE
297 17 2	85	397.9	0.31	10.70	2.27	0.05	0.94	0.78	2.12	2.10	0.06	0.45	CLAYEY SAND
297 18 2	34	430.3	0.30	10.20	2.28	0.03	0.94	0.79	2.05	2.16	0.07	0.37	CLAYEY SAND
297 19 1	99	467.5	0.55	13.00	5.43	0.04	1.40	0.56	2.10	2.63	0.08	0.66	SILT
297 20 4	130	506.3	0.68	17.60	6.36	0.07	2.51	0.51	1.56	3.42	0.10	0.46	CLAYSTONE

TABLE 3 - Continued

SAMPLE		DEPTH	SIC2	TI02	AL2J3	FE203	MNC	MGC	CAO	NA2C	K20	P205	CL	LITHOLOGY	
297	21 3	120	524.7	60.60	0.68	17.50	6.73	0.30	2.53	0.62	1.57	3.50	0.11	0.50	CLAYSTONE
297	22 4	80	553.3	67.40	0.64	15.50	4.35	0.03	1.91	0.69	1.96	2.87	0.10	0.42	SILTY CLAY
297	23 2	71	592.2	64.50	0.73	17.30	5.20	0.01	2.11	0.55	1.77	3.46	0.10	0.37	CLAYSTONE
297	24 2	68	620.7	61.00	0.63	15.50	5.64	0.10	2.35	1.36	1.55	2.97	0.10	0.71	CLAYSTONE
297	25 2	131	649.8	69.40	0.28	13.60	3.46	0.02	1.14	1.14	2.39	3.97	0.31	0.61	ASH
297	25 2	134	649.8	68.00	0.30	14.10	3.51	0.05	1.45	0.75	2.30	3.63	0.10	0.73	ASH
297	25 6	124	655.7	69.20	0.29	13.50	2.56	0.04	0.75	0.82	2.89	4.09	0.26	0.64	VOLCANIC ASH
297	27 1	125	676.8	65.50	0.70	16.10	4.84	0.11	2.27	0.70	1.67	3.24	0.11	0.31	CLAYSTONE
SITE 305: LAT 32 DEG 0 MIN N; LONG 157 DEG 51 MIN E; DEPTH 2921 M (ANAL. WALLACE)															
SAMPLE		DEPTH	SIC2	TI02	AL2J3	FE203	MNO	MGO	CAO	NA2C	K20	P205	CL	LITHOLOGY	
305	1 3	82	3.8	21.40	0.25	4.45	2.04	0.05	0.94	34.20	0.82	1.02	0.08	1.54	SIL. FOR.-NAN. OOZE
305	1 4	85	5.4	13.30	0.17	3.18	1.25	0.08	0.68	41.10	0.53	0.71	0.07	1.36	SIL. FOR.-NAN. OOZE
305	1 5	90	6.9	21.20	0.27	4.51	2.28	0.05	1.08	33.60	0.80	1.07	0.07	1.38	SIL. FOR.-NAN. OOZE
305	2 2	99	10.5	22.60	0.28	4.57	2.43	0.0	1.07	32.40	0.82	1.39	0.08	1.47	SIL. FOR.-NAN. OOZE
305	2 3	80	11.8	7.60	0.09	1.31	0.83	0.06	0.34	46.80	0.41	0.35	0.07	1.36	SIL. FOR.-NAN. OOZE
305	3 1	78	17.8	9.60	0.13	2.37	0.95	0.06	0.47	43.70	0.31	0.52	0.07	1.29	SIL. FOR.-NAN. OOZE
305	3 3	99	21.0	11.20	0.15	3.08	1.06	0.04	0.63	42.70	0.37	0.64	0.07	1.41	SIL. FOR.-NAN. OOZE
305	4 2	80	28.8	5.00	0.05	1.33	0.32	0.04	0.29	47.80	0.24	0.35	0.07	1.33	SIL. FOR.-NAN. OOZE
305	4 3	99	30.5	15.40	0.22	3.32	1.67	0.08	0.83	40.60	0.51	0.90	0.09	1.50	SIL. FOR.-NAN. OOZE
305	5 3	75	39.3	8.60	0.09	0.55	0.58	0.05	0.44	42.20	0.49	0.48	0.07	1.26	SIL. FOR.-NAN. OOZE
305	5 4	128	41.3	11.80	0.16	3.31	1.34	0.05	0.69	42.10	0.41	0.76	0.09	1.36	SIL. FOR.-NAN. OOZE
305	6 2	90	47.4	22.70	0.10	4.14	0.92	0.31	0.44	35.10	0.56	1.45	0.09	1.29	CLAYEY NANNO OOZE
305	6 6	80	53.3	0.52	0.02	0.12	0.0	0.0	0.09	52.60	0.0	0.03	0.10	0.88	CLAYEY NANNO OOZE
305	7 2	70	55.7	0.92	0.05	0.17	0.10	0.11	0.07	53.70	0.10	0.03	0.09	0.98	NANNO OOZE
305	7 4	85	59.9	1.40	0.01	0.37	0.12	0.10	0.13	51.60	0.05	0.14	0.12	1.03	NANNO OOZE
305	8 3	80	67.8	1.04	0.03	0.28	0.0	0.06	0.14	52.50	0.02	0.02	0.08	0.97	NANNO OOZE
305	8 6	85	72.4	0.92	0.03	0.26	0.0	0.06	0.15	53.20	0.05	0.02	0.08	0.86	NANNO OOZE
305	9 3	80	75.6	1.20	0.0	0.27	0.0	0.06	0.10	52.80	0.03	0.11	0.08	1.02	NANNO OOZE
305	9 6	80	81.3	2.00	0.02	0.55	0.02	0.11	0.15	51.30	0.04	0.15	0.17	0.93	NANNO OOZE
305	10 2	80	84.3	1.90	0.05	0.53	0.14	0.06	0.16	48.50	0.05	0.12	0.15	0.82	NANNO OOZE
305	10 5	80	88.8	1.40	0.01	0.40	0.0	0.05	0.12	51.20	0.06	0.02	0.09	0.90	NANNO OOZE
305	11 3	80	95.3	1.50	0.04	0.38	0.0	0.06	0.27	51.60	0.0	0.15	0.09	0.82	NANNO OOZE
305	11 6	55	99.9	1.60	0.01	0.45	0.0	0.07	0.26	52.10	0.0	0.12	0.09	0.86	NANNO OOZE
305	12 2	80	103.3	2.00	0.03	0.49	0.0	0.05	0.22	51.60	0.14	0.22	0.14	0.85	NANNO OOZE
305	12 5	80	107.8	2.00	0.03	0.59	0.0	0.08	0.27	51.20	0.03	0.22	0.13	0.72	NANNO OOZE
305	13 3	80	114.3	1.20	0.01	0.28	0.0	0.05	0.13	54.30	0.06	0.12	0.11	0.82	NANNO OOZE
305	13 6	30	118.3	1.30	0.04	0.33	0.18	0.03	0.16	53.10	0.10	0.04	0.16	0.90	NANNO OOZE
305	14 2	55	122.1	2.20	0.05	0.49	0.20	0.10	0.20	50.30	0.13	0.25	0.38	0.82	NANNO OOZE
305	14 5	80	125.8	1.60	0.02	0.31	0.0	0.05	0.07	52.80	0.01	0.21	0.16	0.83	NANNO OOZE
305	15 5	74	135.2	1.60	0.00	0.26	0.0	0.05	0.13	51.80	0.0	0.03	0.09	0.85	NANNO OOZE
305	16 5	60	145.8	0.44	0.01	0.11	0.0	0.05	0.10	54.90	0.10	0.0	0.03	0.86	NANNO OOZE
305	17 6	60	155.8	0.44	0.02	0.10	0.0	0.0	0.15	53.30	0.0	0.04	0.04	0.88	NANNO OOZE
305	18 6	80	165.3	0.30	0.0	0.16	0.0	0.0	0.12	52.60	0.01	0.03	0.04	1.10	FORAM-NANNO CHALK
305	20 5	80	183.3	0.60	0.01	0.11	0.0	0.06	0.14	52.70	0.01	0.07	0.06	0.81	NANNO OOZE
305	21 5	80	192.5	0.28	0.03	0.35	0.0	0.0	0.09	53.50	0.23	0.0	0.03	0.80	NANNO OOZE
305	26 5	85	239.9	0.84	0.02	0.35	0.0	0.0	0.12	54.50	0.05	0.0	0.04	0.77	FORAM-NANNO CHALK
SITE 310: LAT 36 DEG 52 MIN N; LONG 176 DEG 54 MIN E; DEPTH 3524 M (ANAL. WALLACE)															
SAMPLE		DEPTH	SIC2	TI02	AL2J3	FE203	MNO	MGO	CAO	NA2C	K20	P205	CL	LITHOLOGY	
310	1 1	80	0.8	10.50	0.11	2.50	0.76	0.06	0.54	45.60	0.27	0.68	0.05	1.44	SILICEOUS NANNO OOZE
310	1 4	82	5.3	20.40	0.22	4.96	1.98	0.0	0.95	36.40	0.64	1.14	0.09	2.01	SILICEOUS NANNO OOZE
310	2 4	75	13.3	13.50	0.19	3.30	1.56	0.11	0.80	44.40	0.35	0.88	0.06	1.44	SILICEOUS NANNO OOZE
310	3 6	85	22.9	19.40	0.24	4.10	1.78	0.09	1.10	37.10	0.49	1.08	0.07	1.54	SILICEOUS NANNO OOZE
310	4 2	80	26.3	8.30	0.08	1.50	1.09	0.08	0.65	47.70	0.30	0.58	0.05	1.44	SILICEOUS NANNO OOZE
310	4 6	80	32.3	15.70	0.17	3.00	1.09	0.05	0.71	45.70	0.45	0.88	0.08	1.51	SILICEOUS NANNO OOZE
310	5 3	55	37.1	4.81	0.05	0.70	0.69	0.10	0.45	51.00	0.13	0.37	0.06	1.46	SILICEOUS NANNO OOZE
310	5 6	70	41.7	10.70	0.13	2.50	0.99	0.04	0.64	43.60	0.29	0.68	0.07	1.48	SILICEOUS NANNO OOZE
310	6 5	77	49.8	9.50	0.12	2.10	0.69	0.10	0.51	46.80	0.27	0.68	0.08	1.53	SILICEOUS NANNO OOZE
310	7 3	95	56.4	20.60	0.27	4.30	1.88	0.25	1.14	35.60	0.59	1.08	0.22	1.77	SILICEOUS NANNO OOZE
310	7 5	110	59.6	14.80	0.20	3.00	1.29	0.18	1.05	41.10	0.47	0.78	0.13	1.47	SILICEOUS NANNO OOZE
310	8 3	90	65.9	24.60	0.32	6.30	2.49	0.43	1.40	32.20	0.71	1.54	0.25	1.82	SILICEOUS NANNO OOZE
310	8 5	90	63.9	26.80	0.33	7.10	2.73	0.41	1.58	29.80	1.14	1.40	0.33	1.54	SILICEOUS NANNO OOZE
310	9 5	80	78.3	10.50	0.17	3.10	1.24	0.34	0.71	43.70	0.02	0.69	0.18	1.87	SILICEOUS NANNO OOZE
310	9 6	25	79.3	28.00	0.40	8.20	3.00	0.74	1.65	26.30	1.04	2.07	0.69	1.24	SILICEOUS NANNO OOZE
310	10 3	80	84.3	0.65	0.03	3.30	0.0	0.12	0.14	55.60	0.03	0.28	0.06	1.20	NANNO OOZE
310	10 6	80	83.8	37.20	0.95	12.10	5.75	0.86	1.51	14.90	2.06	3.95	2.59	1.10	NANNO OOZE
310	11 3	85	93.9	21.60	0.63	7.00	3.93	0.39	1.31	33.60	0.57	1.77	0.34	0.93	ZEOLITIC CLAY
310	11 5	75	96.8	31.30	0.95	10.50	6.49	0.33	1.66	21.90	0.94	2.96	0.46	0.98	ZEOLITIC CLAY
310	12 2	80	101.8	0.22	0.04	0.10	0.0	0.13	0.15	53.00	0.0	0.28	0.06	1.08	NANNO OOZE

SAMPLE	DEPTH	SIC2	TIC2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY		
310	12 5	8C	106.3	1.40	0.03	0.22	0.15	0.0	0.13	53.70	0.0	****	0.04	1.07	NANNO OOZE
310A	2 3	70	108.2	11.10	0.09	2.10	5.24	0.95	0.53	42.90	0.36	0.74	0.21	1.16	NANNO OOZE
310	13 2	55	111.1	0.36	0.05	0.14	0.0	0.07	0.15	56.90	0.0	0.17	0.04	1.10	NANNO OOZE
310	13 6	90	117.4	11.90	0.10	2.40	6.52	1.04	0.99	38.60	0.30	0.75	0.29	1.35	FERRUG. NANNO OOZE
310	14 6	80	126.6	1.50	0.02	0.28	0.59	0.19	0.27	54.20	0.03	0.28	0.08	1.06	NANNO OOZE
310	15 2	80	130.3	1.87	0.02	0.20	0.0	0.10	0.20	54.10	0.0	0.28	0.07	1.01	NANNO OOZE
310	16 4	79	142.8	0.05	0.02	0.04	0.20	0.05	0.14	56.00	0.0	0.18	0.06	0.84	NANNO OOZE
310	17 6	30	155.3	0.22	0.05	0.06	0.0	0.05	0.16	56.30	0.29	0.18	0.04	0.93	NANNO OOZE
310A	3 1	96	155.0	13.00	0.02	0.06	0.0	0.09	0.12	55.50	0.0	0.29	0.05	0.83	NANNO OOZE
310A	4 3	80	197.3	2.20	0.02	0.38	0.0	0.06	0.19	57.00	0.0	****	0.06	0.93	NANNO OOZE
310A	5 1	90	203.9	2.50	0.01	0.38	0.20	0.0	0.16	51.80	0.0	0.0	0.05	0.93	NANNO OOZE

SITE 317; LAT 11 DEG 0 MIN S; LONG 162 DEG 16 MIN W; DEPTH 2622 M (ANAL. WALLACE)

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY		
3178	1 6	118	8.7	0.54	0.01	0.12	0.10	0.0	0.27	55.40	0.0	0.04	0.01	1.31	CALCAREOUS OOZE
3178	2 5	73	13.2	0.32	0.01	0.05	0.0	0.0	0.26	54.70	0.0	0.02	0.0	1.19	CALCAREOUS OOZE
3178	4 5	81	32.3	0.34	0.01	0.05	0.0	0.0	0.29	55.70	0.0	0.02	0.0	1.30	CALCAREOUS OOZE
3178	6 5	114	51.6	0.29	0.01	0.08	0.0	0.0	0.29	55.60	0.0	0.03	0.0	1.25	CALCAREOUS OOZE
3178	8 5	113	73.6	0.22	0.00	0.04	0.0	0.0	0.21	56.30	0.0	0.02	0.0	1.10	CALCAREOUS OOZE
3178	10 4	88	87.9	0.58	0.01	0.12	0.0	0.0	0.23	56.60	0.0	0.03	0.0	1.32	CALCAREOUS OOZE
3178	13 4	45	115.9	0.81	0.01	0.09	0.0	0.0	0.21	56.50	0.0	0.04	0.01	1.16	CALCAREOUS OOZE
3178	16 5	78	146.3	0.65	0.00	0.07	0.0	0.0	0.25	56.50	0.0	0.04	0.01	1.16	CALCAREOUS OOZE
3178	18 5	118	165.7	1.42	0.01	0.11	0.0	0.0	0.27	57.50	0.0	0.02	0.0	0.98	FIRM CALCAREOUS OOZE
3178	20 5	91	184.4	0.75	0.00	0.05	0.0	0.0	0.22	55.10	0.0	0.02	0.0	1.01	FIRM CALCAREOUS OOZE
3178	23 5	97	213.0	0.63	0.01	0.07	0.0	0.0	0.17	56.90	0.0	0.02	0.0	0.94	CALC. OOZE TO CHALK
3178	23 5	97	213.0	0.63	0.01	0.07	0.0	0.0	0.17	56.90	0.0	0.02	0.0	0.94	CALC. OOZE TO CHALK
3178	25 5	95	231.9	1.12	0.00	0.07	0.0	0.0	0.20	59.10	0.0	0.02	0.0	0.69	CALC. OOZE TO CHALK
3178	27 5	102	251.0	0.90	0.00	0.08	0.0	0.0	0.22	53.50	0.0	0.02	0.0	0.74	CALC. OOZE TO CHALK
172	29 5	123	270.2	0.37	0.05	0.08	0.0	0.0	0.17	55.50	0.0	0.03	0.01	0.69	CALC. OOZE TO CHALK
3178	31 5	111	289.1	0.28	0.00	0.03	0.0	0.0	0.15	54.30	0.0	0.02	0.0	0.82	CALC. OOZE TO CHALK
3178	33 5	98	308.0	0.22	0.00	0.06	0.0	0.0	0.27	57.50	0.0	0.02	0.0	0.93	CALC. OOZE TO CHALK
3178	35 5	104	327.0	0.00	0.00	0.00	0.00	0.00	0.17	57.70	0.0	0.02	0.0	0.68	CALC. OOZE TO CHALK
3178	37 2	82	341.3	0.48	0.02	0.17	1.88	0.0	0.17	58.30	0.0	0.02	0.01	0.48	CALC. OOZE TO CHALK
3178	39 5	102	365.0	0.35	0.00	0.07	0.0	0.0	0.19	55.10	0.0	0.02	0.0	0.74	CALC. OOZE TO CHALK

SITE 319; LAT 13 DEG 1 MIN S; LONG 101 DEG 32 MIN W; DEPTH 4290 M (ANAL. LI)

SAMPLE	DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY		
319	1 1	81 D	1.8	30.40	0.24	5.75	17.20	5.66	2.67	3.71	1.51	1.51	2.26	7.62	FERRUGINOUS CLAY
319	1 2	79 D	2.3	31.20	0.26	5.60	17.20	5.26	2.89	3.64	1.09	1.38	2.08	8.07	FERRUGINOUS CLAY
319	1 4	122L	4.2	20.70	0.14	3.14	12.90	2.82	1.96	2.180	0.44	0.83	1.09	5.93	ZEOLITIC MARL
319	1 4	80DK	6.3	17.50	0.12	2.35	14.50	3.37	1.67	22.90	0.73	0.74	1.47	4.59	ZEOLITIC MARL
319	1 5	116D	7.2	11.90	0.05	1.16	8.56	1.83	1.27	35.50	0.43	0.37	0.60	3.74	ZEOLITIC MARL
319	1 6	70DK	8.2	24.90	0.22	5.20	22.90	7.51	2.62	5.57	1.77	0.66	2.16	5.61	FERRUG. ZEOL. CLAY
319	2 1	76DK	10.3	21.40	0.07	3.52	14.40	2.99	2.62	26.40	0.60	0.61	0.72	6.07	CLAYEY NANNO OOZE
319	2 2	114L	12.1	11.50	0.02	0.72	5.71	1.19	1.52	38.10	0.52	0.24	0.23	2.60	CLAYEY NANNO OOZE
319	2 3	100D	13.5	14.60	0.05	1.17	8.68	1.69	1.57	33.90	0.54	0.44	0.30	3.31	CLAYEY NANNO OOZE
319	2 4	62DK	14.6	12.30	0.03	0.90	7.03	1.34	1.49	36.20	0.65	0.28	0.26	3.24	CLAYEY NANNO OOZE
319	3 2	90DK	21.4	15.60	0.05	1.25	10.40	1.81	1.73	34.70	0.72	0.48	0.52	4.14	CLAYEY NANNO OOZE
319	3 3	29	22.3	15.80	0.05	1.56	11.60	2.03	1.68	30.80	0.28	0.52	0.38	4.18	CLAYEY NANNO OOZE
319	4 2	66DK	30.7	4.41	0.03	0.35	7.72	1.54	0.49	43.70	0.28	0.22	0.30	1.69	NANNO OOZE
319	4 4	96LT	34.0	2.10	0.02	0.36	2.50	0.45	0.34	50.60	0.17	0.07	0.18	1.25	NANNO OOZE
319	4 6	34LT	38.3	1.20	0.03	0.25	1.66	0.30	0.23	51.80	0.12	0.03	0.14	1.16	NANNO OOZE
319	5 3	62DK	41.6	0.80	0.02	0.23	1.52	0.34	0.26	52.10	0.17	0.04	0.13	0.86	NANNO OOZE
319	5 6	54LT	46.1	0.80	0.00	0.15	1.12	0.13	0.22	53.00	0.10	0.02	0.10	0.87	NANNO OOZE
319	6 3	110	51.6	5.20	0.03	0.35	7.62	1.54	0.59	42.10	0.36	0.26	0.31	2.64	NANNO OOZE
319	6 6	52LT	55.5	1.00	0.01	0.21	1.72	0.21	0.22	52.50	0.17	0.03	0.10	1.07	NANNO OOZE
319	7 3	79DK	60.8	1.00	0.02	0.27	1.54	0.24	0.20	51.10	0.14	0.04	0.14	0.87	FORAM-NANNO OOZE
319	7 6	41LT	64.9	1.20	0.01	0.28	1.32	0.30	0.24	56.20	0.15	0.05	0.12	1.10	FORAM-NANNO OOZE
319	8 6	73DK	74.7	0.80	0.01	0.26	1.51	0.36	0.25	52.30	0.13	0.04	0.14	0.93	FORAM-NANNO OOZE
319	9 3	43DK	77.5	2.50	0.03	0.70	7.81	2.18	0.50	43.00	0.22	0.07	0.30	1.24	FERRUG. NANNO OOZE
319	10 5	55LT	92.1	0.80	0.01	0.19	2.22	0.21	0.19	52.50	0.07	0.02	0.10	0.83	FERRUG. NANNO OOZE
319	11 1	100DK	95.1	2.60	0.03	0.57	7.20	1.84	0.44	46.10	0.14	0.11	0.24	1.05	FERRUG. NANNO OOZE
319	11 2	109L	97.6	1.60	0.02	0.29	3.83	1.18	0.33	50.00	0.09	0.06	0.23	0.81	FERRUG. NANNO OOZE
319	11 3	118D	99.2	4.40	0.04	1.09	13.30	4.02	0.75	38.90	0.07	0.18	0.57	1.48	FERRUG. NANNO OOZE
319	11 4	8 DK	99.6	2.80	0.03	0.56	6.88	2.00	0.51	45.60	0.19	0.11	0.31	1.21	FERRUG. NANNO OOZE
319	11 6	18DK	102.7	3.00	0.03	0.72	8.23	2.56	0.53	43.50	0.20	0.07	0.30	1.22	FERRUG. NANNO OOZE
319	12 2	98	107.0	1.80	0.03	0.39	2.03	0.39	0.34	52.10	0.13	0.05	0.19	1.13	FERRUG. NANNO OOZE
319	12 3	123	108.7	3.05	0.03	0.59	4.63	1.24	0.46	46.70	0.21	0.17	0.22	1.22	FERRUG. NANNO OOZE



TABLE 3 - Continued

SITE 321: LAT 12 DEG 1 MIN S; LONG 81 DEG 54 MIN W; DEPTH 4817 M (ANAL LI)															
SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY		
321 1 1	113	1.2	54.00	0.55	13.10	6.23	0.17	2.37	1.05	1.65	2.37	0.18	5.00	SILICEOUS CLAY	
321 2 2	96	4.0	56.60	0.57	13.90	6.10	0.08	2.19	1.23	1.84	2.57	0.20	4.21	SILICEOUS CLAY	
321 3 6	123	13.7	56.40	0.55	13.90	6.42	0.10	2.16	1.30	1.57	2.62	0.24	3.88	SILICEOUS CLAY	
321 4 2	95	23.0	59.40	0.41	12.00	5.02	0.15	1.92	0.91	2.27	3.13	1.48	4.29	SIL. CLAY WITH ASH	
321 5 3	115	34.2	53.10	0.52	12.50	7.91	0.17	2.92	1.13	1.83	2.20	0.13	4.94	ASH-RICH CLAY	
321 5 5	108	37.1	50.80	0.55	12.50	8.21	0.55	2.85	1.66	1.56	2.10	0.32	5.65	ASH-RICH CLAY	
321 6 2	94	41.9	56.40	0.39	11.60	6.22	0.53	2.20	1.57	2.20	2.76	0.37	4.76	ASH-RICH CLAY	
321 6 4	90	44.9	50.10	0.48	10.30	7.30	0.19	2.77	1.46	2.20	1.97	0.31	5.70	ASH-RICH CLAY	
321 6 6	68	47.7	55.00	0.46	11.30	8.34	0.17	2.72	1.30	1.91	1.90	0.26	4.48	ASH-RICH CLAY	
321 7 1	118	50.2	45.20	0.44	10.70	10.20	2.04	2.90	2.84	1.78	1.79	1.51	5.72	ZEOLITIC BROWN CLAY	
321 7 4	118	51.7	48.00	0.55	13.10	9.87	3.87	2.41	2.91	2.07	2.96	1.67	2.63	ZEOLITIC BROWN CLAY	
321 7 5	100	58.0	39.20	0.44	11.20	17.90	4.82	2.03	3.34	1.99	2.76	2.07	2.65	ZEOLITIC BROWN CLAY	
321 8 1	108	57.6	1.20	0.02	0.31	0.36	0.17	0.21	52.20	0.05	0.14	0.08	0.80	NANNO OOZE	
321 9 2	62	70.1	5.82	0.09	1.78	3.81	0.83	0.50	45.70	0.43	0.51	0.30	1.13	FERR-ZEO NANNO OOZE	
321 9 6	115	79.6	1.40	0.02	0.45	2.12	0.38	0.22	50.90	0.07	0.13	0.16	1.25	FERR-ZEO NANNO OOZE	
321 10 2	129	30.3	1.41	0.02	0.47	1.99	0.45	0.25	50.10	0.11	0.16	1.53	1.02	NANNO OOZE	
321 10 4	112	33.1	1.20	0.02	0.28	0.94	0.23	0.20	51.90	0.13	0.10	0.84	0.86	NANNO OOZE	
321 11 2	101	89.5	1.20	0.02	0.55	1.13	0.26	0.18	51.80	0.11	0.09	0.10	1.12	NANNO OOZE	
321 12 1	88	106.9	0.80	0.02	0.31	0.68	0.17	0.12	52.40	0.03	0.06	0.08	0.94	FORAM-NANNO OOZE	
321 13 1	104	116.5	2.80	0.04	0.82	5.90	2.46	0.53	46.20	0.07	0.19	0.25	1.13	FERR. NANNO OOZE	
321 13 3	52	119.0	2.19	0.04	0.70	6.47	3.05	0.52	46.20	0.20	0.17	0.25	1.23	FERR. NANNO OOZE	
SITE 322: LAT 60 DEG 1 MIN S; LONG 79 DEG 25 MIN W; DEPTH 5036 M (ANAL. WALLACE)															
SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY		
322 1 1	0	76.5	62.50	0.82	13.70	6.99	0.09	3.33	2.94	4.69	2.09	0.23	0.73	SILT	
322 1 2	135	77.4	64.10	0.70	11.70	6.12	0.06	3.04	2.36	2.17	1.82	0.11	0.63	SILTY CLAY	
322 2 2	103	133.0	66.10	0.64	12.90	5.63	0.15	2.56	3.03	2.32	1.83	0.18	0.55	SILTY CLAY	
322 3 1	0	292.0	60.60	0.75	14.30	7.41	0.13	3.13	3.22	2.72	2.13	0.17	0.80	CLAY	
322 4 2	135	354.9	62.60	0.74	15.30	5.52	0.12	2.21	4.88	3.52	1.33	0.21	0.39	CLAYSTONE	
322 5 1	72	391.7	60.30	0.85	15.60	6.34	0.41	2.64	3.28	2.88	2.35	0.27	0.34	SILTY CLAYSTONE	
322 6 1	18	433.7	59.20	0.70	15.70	6.96	0.86	2.65	2.24	2.45	2.77	0.33	0.28	CLAYSTONE	
322 10 0	0	480.0	59.50	0.76	15.60	6.40	0.17	3.25	2.78	2.72	2.66	0.25	0.41	SANDSTONE/CLAYSTONE	
322 11 1	148	505.2	67.10	0.73	14.70	4.63	0.06	2.60	3.89	3.64	1.46	0.17	0.36	SANDSTONE	
322 11 2	125	507.7	63.40	0.71	14.50	4.26	0.08	2.59	3.65	3.80	1.64	0.17	0.34	SANDSTONE	
322 11 3	125	509.2	66.50	0.73	14.30	4.80	0.08	2.47	3.77	3.72	1.79	0.17	0.37	SANDSTONE	
322 11 4	40	509.9	61.50	1.04	16.40	4.85	0.10	2.11	3.79	3.86	2.32	0.23	0.37	SANDSTONE	
322 11 4	62	510.1	58.10	0.71	14.20	8.89	0.11	3.66	0.95	2.64	4.20	0.11	0.25	FERRUG. CLAYSTONE	
322 11 4	122	510.7	56.60	0.85	13.60	8.47	0.22	3.52	1.42	2.21	2.84	0.24	0.26	FERRUG. CLAYSTONE	
322 11 4	135	511.9	51.80	0.80	14.60	8.36	0.35	3.30	1.61	2.07	3.04	0.33	0.30	FERRUG. CLAYSTONE	
322 11 5	18	511.2	58.20	0.93	14.90	8.17	0.24	3.20	2.04	2.24	3.31	0.45	0.60	FERRUG. CLAYSTONE	
322 11 5	110	512.1	57.50	0.84	15.10	4.50	0.68	2.81	1.34	2.18	4.26	0.30	0.30	FERRUG. CLAYSTONE	
322 11 6	30	512.8	56.70	0.73	15.20	7.62	1.10	2.83	1.09	1.81	4.44	0.40	0.38	FERRUG. CLAYSTONE	
322 11 6	103	513.5	55.80	0.70	15.50	8.40	1.11	2.65	0.88	1.65	4.65	0.40	0.40	FERRUG. CLAYSTONE	
322 11	CC 1	514.5	54.60	0.66	15.20	9.14	1.41	2.63	1.13	1.68	4.51	0.55	0.51	FERRUG. CLAYSTONE	
322 11	CC 2	514.5	55.70	0.73	15.60	8.09	0.98	2.69	1.20	1.55	3.57	0.54	0.65	FERRUG. CLAYSTONE	
322 11	CC 3	514.5	57.20	0.71	15.50	8.13	0.85	2.76	0.99	1.68	4.71	0.41	0.38	FERRUG. CLAYSTONE	
SITE 323: LAT 63 DEG 41 MIN S; LONG 98 DEG 0 MIN W; DEPTH 5013 M (ANAL WALLACE)															
SAMPLE	DEPTH	SI02	TI02	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY		
323 1 5	0	81.5	64.90	0.62	13.00	6.85	0.15	2.65	1.29	1.94	2.48	0.15	0.89	DIATOMACEOUS CLAY	
323 2 1	93	161.9	62.80	0.64	13.20	6.29	0.17	2.45	1.15	1.90	2.90	0.14	0.72	DIATOMACEOUS CLAY	
323 3	CC	263.5	60.00	0.70	14.10	7.68	0.09	2.77	1.90	2.53	2.42	0.32	1.23	DIATOMACEOUS CLAY	
323 4	CC	322.5	62.80	0.67	14.60	5.76	0.30	2.39	1.90	2.59	2.75	0.01	0.40	SILTY CLAY	
323 7 3	31	363.8	69.60	0.75	13.90	6.26	0.15	2.38	1.64	2.17	2.75	0.19	0.50	DIATOM. CLAYSTONE	
323 8	118	409.2	80.90	0.25	5.50	2.34	0.0	0.79	0.50	0.87	1.24	0.08	0.10	CHERT	
323 8	CC	417.5	62.10	0.75	14.50	6.05	0.11	2.55	1.86	2.59	2.82	0.45	0.50	CLAYSTONE	
323 8	CC	417.5	79.90	0.31	6.30	3.08	0.02	1.04	0.59	0.58	1.51	0.10	0.05	CHERT	
323 9	0	437.0	51.70	0.22	12.70	5.11	0.29	2.87	1.47	2.01	1.70	0.18	0.81	CLAYSTONE	
323 9	2	437.0	59.40	0.83	14.90	7.34	0.05	2.67	1.62	2.54	3.01	0.17	0.40	CLAYSTONE	
323 9	2	437.0	59.20	0.84	15.00	6.74	0.05	2.60	1.52	2.40	3.12	0.17	0.37	CLAYSTONE	
323 9	2	437.0	60.70	0.48	9.90	4.62	0.01	1.58	0.84	1.55	1.61	0.11	0.26	CHERT	
323 9	CC	465.0	64.30	0.63	13.80	5.30	0.17	2.24	1.15	1.54	3.11	0.21	0.38	CLAYSTONE	
323 10	1	95	61.80	0.46	10.00	3.77	0.02	1.43	0.74	1.40	2.20	0.11	0.38	SILTY CLAYSTONE	
323 10	3	0	506.0	0.73	15.70	6.33	0.13	2.59	1.63	1.98	2.59	0.18	0.95	SILTY CLAYSTONE	
323 11	1	0	550.5	0.75	15.40	5.45	0.13	2.42	0.99	1.89	3.55	0.22	0.35	SILTY CLAY	
323 12	1	135	599.4	0.76	16.20	5.74	0.10	2.47	0.94	1.86	3.88	0.18	0.35	CLAYSTONE	
323 13	5	127	624.3	0.83	14.50	6.49	0.19	2.44	1.13	1.93	3.28	0.28	0.30	CLAYSTONE	



SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY			
323	13	CC T	620.5	66.90	0.85	13.30	5.51	0.23	2.11	0.87	1.74	3.55	0.28	0.32	CLAYSTONE	
323	13	CC B	626.5	63.40	0.76	14.50	6.24	0.19	3.38	1.82	2.33	3.59	0.22	0.27	CLAYSTONE	
323	14	11	637.6	68.80	0.74	14.00	4.75	0.16	1.87	0.79	1.84	3.15	0.19	0.22	CLAYSTONE	
323	14	2	60	633.1	67.60	0.71	13.70	4.30	0.02	2.00	0.69	1.62	3.33	0.16	0.26	CLAYSTONE
323	14	2	102	633.5	51.10	0.74	15.80	10.50	1.70	2.53	1.95	1.89	2.61	0.93	0.40	FERRUG. CLAYSTONE
323	14	CC	645.5	50.20	0.77	15.30	10.20	1.81	2.59	1.84	1.87	2.34	0.28	0.34	FERRUG. CLAYSTONE	
323	15	1	142	626.4	43.00	0.71	14.60	16.50	4.83	2.72	1.21	1.53	2.74	0.50	0.58	FERRUG. CLAYSTONE
323	15	3	75	658.7	51.50	0.74	16.30	11.00	1.51	2.43	1.34	1.71	3.23	0.46	0.39	FERRUG. CLAYSTONE
323	15	6	49	663.0	30.70	0.40	10.90	8.11	1.73	1.39	21.70	0.85	2.13	0.27	0.35	FERRUG. CLAYSTONE
323	16	1	54	663.0	28.90	0.40	8.50	4.64	1.77	1.47	27.00	0.85	1.98	0.14	0.22	FERRUG. CLAYSTONE
323	16	2	19	666.2	35.20	0.46	9.70	5.72	0.72	1.83	21.80	1.12	2.04	0.14	0.21	FERRUG. CLAYSTONE
323	16	2	56	669.6	37.60	0.54	10.20	6.06	0.51	2.24	18.80	1.25	2.18	0.14	0.22	FERRUG. CLAYSTONE
323	16	2	143	667.3	57.60	0.71	15.00	7.72	0.56	3.35	1.16	1.86	3.03	0.19	0.54	FERRUG. CLAYSTONE
323	16	3	29	667.8	57.00	0.77	13.30	8.46	0.69	3.41	1.40	1.56	2.28	0.33	0.53	FERRUG. CLAYSTONE
323	16	3	130	663.8	52.10	0.69	13.60	10.70	1.32	2.90	1.29	2.02	2.06	0.21	0.30	FERRUG. CLAYSTONE
323	16	4	71	669.7	56.50	0.74	14.10	10.50	0.49	2.53	1.80	2.41	2.66	0.41	0.24	FERRUG. CLAYSTONE
323	17	6	133	682.8	55.30	0.74	14.70	5.03	0.46	2.42	1.80	2.04	2.80	0.55	0.25	FERRUG. CLAYSTONE
323	18	2	131	655.8	58.10	0.70	15.20	7.37	0.13	2.01	1.19	2.28	3.51	0.16	0.24	ZEC.FERRUG.CLAYSTONE
323	18	4	9	677.6	59.80	0.65	13.60	7.30	0.11	1.83	1.05	2.66	2.75	0.09	0.29	ZEC.FERRUG.CLAYSTONE
323	18	5	148	700.5	52.30	0.55	12.00	14.40	0.43	2.87	1.67	1.84	2.62	0.44	0.25	ZEC.FERRUG.CLAYSTONE
323	18	6	4	700.5	54.60	0.56	11.20	9.74	0.24	2.57	1.59	1.74	2.43	0.45	0.30	ZEC.FERRUG.CLAYSTONE

SITE 325: LAT 65 DEG 3 MIN S; LONG 73 DEG 40 MIN W; DEPTH 3755 M (ANAL. WALLACE)

SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY			
325	1	3	35	37.0	66.50	0.74	15.00	6.10	0.17	2.65	3.15	2.82	2.11	0.20	0.38	SILTY CLAY
325	2	1	143	169.0	63.40	0.75	14.50	5.85	0.15	2.60	3.18	2.92	2.02	0.21	0.28	CLAY
325	3	2	0	173.0	65.40	0.74	14.00	5.85	0.07	2.69	3.47	2.59	1.88	0.19	0.33	CLAY
325	3	3	135	181.0	61.80	0.65	13.60	5.29	0.13	2.32	3.48	3.07	1.75	0.20	0.29	SILTY CLAY
325	5	1	117	406.0	62.90	0.77	14.70	6.25	0.15	2.76	2.78	2.56	2.44	0.20	0.34	CLAYSTONE
325	6	1	138	432.0	70.80	0.74	14.70	6.16	0.17	2.64	3.65	2.45	1.74	0.21	0.47	SILTY CLAYSTONE
325	7	2	140	521.0	63.30	0.72	14.00	6.42	0.06	2.90	3.06	2.28	2.34	0.17	0.42	CLAYSTONE
325	8	2	145	615.0	63.70	0.71	13.30	6.79	0.06	2.63	3.01	2.50	2.19	0.18	0.39	CLAYSTONE
325	8	CC	622.0	61.10	0.75	15.20	7.29	0.09	2.77	3.52	2.69	2.34	0.16	0.32	CLAYSTONE	
325	9	1	133	642.0	54.80	0.70	14.30	7.65	0.15	3.59	2.95	2.71	1.96	0.21	0.34	SILTY CLAYSTONE
325	10	2	0	710.0	58.90	0.79	16.30	7.43	0.13	3.19	3.56	3.43	1.93	0.21	0.32	SANDSTONE

SITE 328: LAT 49 DEG 49 MIN S; LONG 36 DEG 40 MIN W; DEPTH 5103 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLOGY			
328A	1	1	94	0.9	62.80	0.69	13.60	5.54	0.06	1.98	1.35	1.94	2.48	0.11	2.36	SILTY SILIC. CCZE
328	1	4	20	9.7	60.40	0.73	14.40	5.85	0.05	2.23	1.77	2.30	2.58	0.12	2.17	SILTY SILIC. OOZE
328A	1	4	80	3.3	64.50	0.60	11.70	7.00	0.81	1.85	1.42	1.85	2.10	0.13	1.61	SILTY SILIC. COZE
328A	2	1	74	3.2	64.20	0.67	13.00	5.10	0.07	1.98	1.30	2.00	2.34	0.11	2.06	SILIC. OOZE
328B	1	2	104	10.0	63.40	0.55	10.70	4.56	0.07	1.39	1.48	2.22	1.86	0.10	2.40	CLAYEY SILIC. OOZE
328B	1	5	76	14.3	61.90	0.69	13.30	5.88	0.06	1.88	1.73	2.52	2.32	0.12	2.23	CLAYEY SILIC. OOZE
328B	2	1	88	17.9	59.90	0.77	15.10	5.95	0.27	2.05	1.53	2.20	2.25	0.10	2.21	CLAYEY SILIC. OOZE
328	3	2	91	19.4	60.50	0.75	14.40	6.23	0.32	1.94	1.86	1.59	2.19	0.10	2.19	CLAYEY SILIC. OOZE
328	3	6	62	25.1	56.70	0.78	15.40	6.81	0.26	3.05	1.86	2.25	2.03	0.12	2.44	CLAYEY SILIC. OOZE
328B	2	6	77	25.3	57.40	0.78	16.00	6.57	0.18	2.79	1.54	2.35	2.49	0.15	1.86	SILTY CLAY
328B	3	2	83	29.8	58.30	0.75	14.40	6.52	0.39	2.22	1.46	2.25	2.00	0.12	2.90	SILIC. OOZE
328B	3	5	94	33.4	61.90	0.70	13.30	6.08	0.27	1.82	1.47	2.05	2.01	0.12	2.84	SILIC. OOZE
328B	4	2	79	33.2	61.70	0.72	14.50	6.05	0.54	1.97	1.02	1.83	2.80	0.14	2.10	CLAYEY SILIC. OOZE
328B	4	5	69	42.7	61.90	0.69	15.00	6.39	0.40	2.04	0.91	1.74	2.82	0.12	1.91	CLAYEY SILIC. OOZE
328	4	2	70	47.7	61.30	0.72	14.40	5.39	0.19	2.15	1.13	1.55	2.00	0.11	2.30	CLAYEY SILIC. OOZE
328B	5	2	83	47.8	55.40	0.77	16.00	6.83	0.83	2.35	0.81	1.72	2.47	0.14	2.47	ZEOLITIC CLAY
328	4	5	67	52.2	54.70	0.79	17.00	6.83	0.34	2.40	0.97	1.60	2.05	0.15	2.52	ZEOLITIC CLAY
328B	5	6	71	53.7	54.90	0.81	16.80	7.13	0.63	2.46	0.75	1.33	2.32	0.14	2.60	ZEOLITIC CLAY
328B	5	6	90	63.4	52.90	0.84	18.50	8.16	0.44	2.12	0.65	1.13	2.27	0.21	2.28	ZEOLITIC CLAY
328	5	3	89	96.9	58.20	0.77	17.30	5.23	0.01	2.02	1.01	1.60	2.04	0.09	2.40	ZEOLITIC CLAY
328	6	3	53	144.0	59.40	0.72	17.40	6.42	0.02	1.71	1.04	1.46	2.08	0.22	1.59	ZEOLITIC CLAY
328	7	4	143	194.0	58.60	0.74	17.20	7.87	0.02	1.75	0.83	1.49	2.04	0.11	1.37	ZEOLITIC CLAY
328	8	2	133	233.3	59.20	0.73	16.60	8.58	0.01	1.67	1.10	1.37	2.09	0.09	1.23	ZEOLITIC CLAY
328	9	6	92	291.4	60.00	0.72	16.60	8.54	0.03	1.75	0.96	1.33	2.11	0.07	0.98	ZEOLITIC CLAYSTONE
328	10	6	91	333.9	63.80	0.74	16.40	5.49	0.03	1.78	1.13	1.44	2.19	0.12	1.02	ZEOLITIC CLAYSTONE
328	11	6	51	367.0	67.50	0.67	14.60	4.91	0.03	1.65	1.02	1.30	2.09	0.12	0.66	ZEOLITIC CLAYSTONE
328	12	2	36	389.4	61.20	0.83	18.20	5.43	0.05	1.77	1.20	1.24	2.60	0.14	0.56	ZEOLITIC CLAYSTONE

CHEMICAL COMPOSITION OF DEEP SEA SEDIMENTS

TABLE 3 - Continued

SITE 330: LAT 50 DEG 55 MIN S; LONG 46 DEG 53 MIN W; DEPTH 2636 M (ANAL WALLACE)																
SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY			
330	12 6	58	499.8	60.00	0.86	17.40	6.22	0.03	1.25	0.45	0.94	3.57	0.10	0.24	SILTY	CLAY
330	14 4	84	523.8	59.80	1.03	18.60	7.01	0.04	1.03	0.80	0.77	3.62	0.14	0.32	SILTY	CLAY
330	13 3	74	493.7	67.50	0.88	15.00	5.16	0.05	1.01	0.59	0.92	3.21	0.10	0.56	SILTY	CLAY
SITE 332: LAT 36 DEG 53 MIN N; LONG 33 DEG 33 MIN W; DEPTH 1818M (ANAL TERRANA)																
SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY			
332	1 3	43	3.4	3.40	0.07	0.84	0.69	0.04	0.35	51.30	0.20	0.15	0.09	1.33	FORAM	NANNO OOZE
332A	2 5	88	73.9	3.00	0.04	0.40	0.75	0.07	0.35	52.70	0.13	0.14	0.17	1.25	FORAM	NANNO OOZE
332A	3 4	48	73.5	2.39	0.03	0.25	0.23	0.06	0.27	54.30	0.15	0.08	0.13	0.93	FORAM	NANNO OOZE
332B	1 4	64	147.1	6.39	0.07	1.09	0.69	0.07	0.30	48.00	0.35	0.29	0.13	1.29	FORAM	NANNO OOZE
SITE 333: LAT 36 DEG 50 MIN N; LONG 33 DEG 40 MIN W; DEPTH 1666M (ANAL TERRANA)																
SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY			
333	1 2	84	2.3	4.59	0.09	1.22	0.56	0.06	0.40	51.20	0.28	0.22	0.17	1.57	FORAM	NANNO OOZE
333	2 6	90	153.9	3.40	0.06	0.57	0.39	0.06	0.26	52.40	0.19	0.09	0.13	1.05	FORAM	NANNO OOZE
333	6 2	61	204.6	3.50	0.14	0.57	0.60	0.06	0.40	52.70	0.17	0.08	0.19	0.57	FORAM	NANNO OOZE
333A	1 1	94	217.9	2.19	0.05	0.46	0.29	0.06	0.30	50.50	0.13	0.06	0.14	1.09	FORAM	NANNO OOZE
SITE 334: LAT 37 DEG 2 MIN N; LONG 34 DEG 25 MIN W; DEPTH 2632 M (ANAL TERRANA)																
SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY			
334	1 2	58	2.0	3.40	0.09	1.05	0.93	0.12	0.36	50.00	0.21	0.14	0.14	1.70	FORAM	NANNO OOZE
334	2 6	95	133.0	2.09	0.09	0.57	0.49	0.04	0.28	55.50	0.14	0.09	0.11	1.03	FORAM	NANNO OOZE
334	8 2	31	188.3	22.40	1.10	5.58	5.29	0.10	1.79	35.00	1.18	0.56	0.22	1.55	FORAM	NANNO OOZE
334	14 1	111	244.6	4.59	0.20	0.90	1.28	0.06	0.57	51.70	0.22	0.19	0.12	0.93	FORAM	NANNO OOZE
SITE 335: LAT 37 DEG 18 MIN N; LONG 35 DEG 12 MIN W; DEPTH 2198 M (ANAL TERRANA)																
SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY			
335	1 4	50	92.4	2.31	0.04	0.63	0.31	0.09	0.23	55.30	0.09	0.11	0.13	0.99	FORAM	NANNO OOZE
335	2 2	91	127.4	2.10	0.04	0.57	0.26	0.07	0.23	55.60	0.09	0.08	0.10	1.12	FORAM	NANNO OOZE
335	2 5	93	134.9	1.10	0.04	0.19	0.20	0.05	0.21	55.60	0.12	0.03	0.13	0.83	FORAM	NANNO OOZE
335	3 1	83	220.8	1.20	0.03	0.23	0.20	0.06	0.20	55.40	0.08	0.03	0.13	1.11	FORAM	NANNO OOZE
335	4 3	93	313.9	7.60	0.26	1.55	1.55	0.08	0.60	49.70	0.31	0.25	0.13	1.49	FORAM	NANNO OOZE
335	5 1	43	448.4	5.10	0.11	1.16	0.97	0.07	0.41	51.10	0.15	0.20	0.12	0.98	FORAM	NANNO OOZE
SITE 338: LAT 67 DEG 47 MIN N; LONG 5 DEG 23 MIN E; DEPTH 1315 M (ANAL WALLACE)																
SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY			
338	1 4	103	5.5	57.10	0.91	16.50	6.79	0.14	2.59	2.41	1.55	3.32	0.22	1.23	SANDY	MUD
338	2 4	100	15.0	52.50	0.84	16.20	7.31	0.11	2.88	6.10	1.41	3.52	0.21	1.05	SANDY	MUD
338	3 4	49	24.0	63.80	0.67	13.40	7.90	0.13	1.81	1.23	1.52	2.24	0.16	0.53	SANDY	MUD
338	4 4	82	33.8	53.00	0.80	13.50	6.23	0.37	2.20	8.24	1.37	2.71	0.18	1.09	CALC.	SANDY MUD
338	5 6	63	46.1	62.70	0.93	15.20	6.26	0.10	2.21	1.47	1.80	3.02	0.17	0.82	SANDY	MUD
338	6 6	55	50.0	62.20	0.85	15.30	6.65	0.04	2.24	1.69	2.06	3.21	0.15	0.56	SANDY	MUD
338	7 1	125	57.8	56.80	0.83	15.40	5.03	0.03	1.89	0.50	1.41	2.42	0.10	2.39	MUDDY	DIATOM OOZE
338	8 4	66	31.2	61.50	0.65	12.50	4.16	0.05	1.44	0.99	1.20	1.91	0.10	2.48	MUDDY	DIATOM OOZE
338	9 1	93	86.4	56.50	0.66	13.40	6.19	0.07	1.37	0.58	1.30	2.20	0.10	2.40	MUDDY	DIATOM OOZE
338	10 2	45	97.0	61.40	0.63	12.20	5.20	0.03	1.46	0.62	1.46	1.87	0.08	2.52	MUDDY	DIATOM OOZE
338	12 3	65	117.7	62.50	0.90	11.30	6.05	0.05	1.22	1.46	1.63	1.65	0.13	2.01	DIATOM	OOZE
338	15 4	74	147.7	58.70	0.59	12.90	5.99	0.05	1.65	0.57	1.62	2.25	0.10	2.53	MUDDY	DIATOM OOZE
338	18 2	94	173.4	66.30	0.44	5.23	4.23	0.00	0.97	0.51	1.26	1.67	0.09	2.88	DIATOM	OOZE
338	20 1	133	191.3	58.40	0.51	11.50	4.72	0.03	1.82	3.72	1.57	1.95	0.08	3.15	NANNO	DIATOM OOZE
338	22 4	38	213.9	56.60	0.69	13.70	5.03	0.10	2.51	3.71	1.53	2.03	0.08	2.81	NANNO	DIATOM OOZE
338	24 5	62	234.6	45.30	0.62	13.50	4.58	0.09	2.51	10.30	1.17	1.69	0.13	3.13	MUD	
338	26 5	90	253.9	71.00	0.53	7.94	4.06	0.01	1.64	0.80	1.33	0.84	0.07	3.53	MUDDY	DIATOM OOZE
338	28 2	23	267.7	80.60	0.22	6.38	1.41	0.00	0.66	0.55	0.91	0.39	0.09	3.87	DIATOM	OOZE
338	30 6	86	293.0	53.40	1.58	13.10	12.40	0.06	2.75	1.76	2.18	3.51	0.23	0.97	GLAUC.	SANDY MUD
338	32 6	75	312.3	62.60	1.23	14.30	6.91	0.08	2.69	0.99	1.24	3.57	0.28	0.77	SANDY	MUD
338	35 2	101	333.0	62.00	1.34	14.70	6.22	0.05	2.12	1.38	1.17	4.22	0.18	0.75	MUD	
338	36 1	142	343.4	21.00	0.53	5.41	3.04	0.72	1.62	34.70	0.68	0.95	2.23	0.10	CLAYEY	LIMESTONE
338	38 1	87	361.9	65.10	1.28	14.00	6.35	0.06	2.77	1.10	1.27	2.92	0.25	0.74	MUDDY	SAND
338	41 2	66	391.7	71.80	1.15	12.30	5.10	0.00	1.79	0.71	1.34	2.54	0.16	0.65	MUDDY	SAND

SITE 341: LAT 67 DEG 20 MIN N; LONG 6 DEG 7 MIN E; DEPTH 1444 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TIC2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
341 1 6	96	8.5	62.20	0.66	13.10	5.44	0.16	2.13	5.17	1.30	3.09	0.18	0.89	MUD
341 4 2	98	31.0	55.60	0.83	15.20	5.58	0.04	2.47	4.50	1.26	2.66	0.14	1.69	MUD
341 5 6	65	40.2	60.20	0.55	10.90	4.74	0.03	1.27	0.34	1.23	1.63	0.07	2.35	SILICEOUS OOZE
341 7 5	45	33.5	60.00	0.83	14.60	5.68	0.05	2.15	4.22	1.51	2.74	0.15	0.75	CALCAREOUS MUD
341 5 3	58	79.6	62.80	0.83	14.90	5.97	0.07	2.28	3.47	1.76	2.78	0.18	0.46	CALCAREOUS MUD
341 11 4	84	100.3	59.40	0.77	15.10	5.93	0.08	2.68	4.87	1.83	2.93	0.18	0.46	CALCAREOUS MUD
341 13 1	125	100.8	59.30	0.70	15.30	5.94	0.10	2.63	5.13	1.95	3.16	0.19	0.57	CALCAREOUS MUD
341 16 1	101	162.5	60.00	0.74	14.60	5.73	0.07	2.61	5.38	1.94	2.88	0.18	0.46	CALCAREOUS MUD
341 18 1	106	202.1	60.90	0.72	14.50	5.57	0.02	2.60	5.08	1.57	2.77	0.17	0.46	CALCAREOUS MUD
341 20 6	82	245.8	52.90	0.94	15.80	7.39	0.06	2.83	5.47	1.41	2.94	0.17	0.82	MARLY CALC. OOZE
341 22 1	94	275.4	60.20	0.85	16.20	6.24	0.08	2.74	2.56	1.63	3.41	0.15	0.56	MUD
341 24 6	90	321.9	65.40	0.87	15.30	6.89	0.07	2.21	0.75	1.59	3.05	0.18	0.46	CALCAREOUS MUD
341 25 6	96	341.0	61.10	0.91	16.80	5.42	0.01	1.56	0.32	1.25	2.68	0.09	0.84	MUDSTONE
341 26 6	86	359.6	48.80	0.66	13.40	6.49	0.02	1.68	9.67	1.02	1.89	0.09	0.98	SILICEOUS CHALK
341 27 6	55	373.9	52.60	0.63	13.20	7.30	0.02	1.61	5.86	0.56	2.00	0.08	0.96	CALC. DIATOMITE
341 28 6	85	397.9	59.60	0.71	14.30	4.31	0.01	1.57	3.69	1.15	2.17	0.08	1.11	CALC. DIATOMITE
341 29 6	84	407.3	63.50	0.66	11.70	5.33	0.04	1.32	1.23	1.24	1.75	0.07	1.13	DIATOM. MUDSTONE
341 30 6	75	416.8	60.30	0.91	17.20	5.49	0.05	1.87	0.38	1.22	2.53	0.10	0.80	DIATOM. MUDSTONE
341 31 5	92	424.9	61.70	0.82	15.70	5.52	0.02	1.75	0.28	1.30	2.45	0.10	0.83	DIATOM. MUDSTONE
341 32 6	73	435.7	61.90	0.76	15.30	4.81	0.01	1.49	0.31	1.56	1.99	0.09	1.10	DIATOM. MUDSTONE
341 33 6	58	445.1	62.10	0.76	14.30	5.27	0.01	1.55	0.49	1.53	2.15	0.11	0.78	DIATOM. MUDSTONE
341 34 6	86	454.9	61.20	0.73	14.50	5.56	0.01	1.60	0.38	1.40	2.06	0.09	0.79	DIATOM. MUDSTONE

SITE 344: LAT 76 DEG 9 MIN N; LONG 7 DEG 53 MIN E; DEPTH 2201 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TIC2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
344 2 1	129	2.8	60.10	0.86	16.60	6.67	0.09	2.07	1.04	1.57	2.65	0.16	1.00	MUD
344 5 6	55	33.1	56.40	0.92	18.20	7.67	0.12	1.81	0.89	1.50	2.87	0.20	0.86	MUD
344 6 5	54	40.0	66.10	0.81	16.30	5.11	0.00	1.69	0.48	1.70	2.70	0.18	0.61	SANDY MUD
344 9 5	65	74.7	55.70	0.93	18.60	8.05	0.15	2.49	0.81	1.36	3.11	0.20	0.79	MUD
344 11 1	67	37.7	63.40	0.85	16.00	6.18	0.02	2.04	0.69	1.71	3.21	0.14	0.67	MUD
344 13 1	91	100.9	58.50	0.91	18.80	6.78	0.01	2.28	0.91	1.53	2.95	0.15	0.79	CALC. MUD
344 14 1	69	116.2	60.30	0.84	15.30	7.68	0.03	2.06	0.86	1.60	2.69	0.19	0.83	MUD
344 17 1	86	144.7	61.50	0.91	16.30	6.52	0.03	2.44	1.34	2.30	3.27	0.17	0.60	MUD
344 20 1	127	173.7	67.30	0.81	14.50	5.12	0.01	1.73	0.86	1.59	2.53	0.16	0.77	MUD
344 23 2	76	203.3	67.10	0.84	15.10	5.12	0.00	1.79	0.61	1.89	2.69	0.11	0.45	MUD
344 26 1	75	230.3	45.00	0.85	15.30	5.43	0.01	2.00	0.98	1.56	2.75	0.14	0.51	MUD
344 27 2	57	241.1	64.10	0.89	16.10	6.08	0.02	2.02	0.70	1.75	2.78	0.13	0.42	CALC. MUD
344 28 2	82	250.3	61.90	0.93	16.90	6.88	0.01	2.30	0.69	1.75	2.92	0.16	0.54	CALC. MUD
344 31 3	56	313.6	63.20	0.85	16.40	6.49	0.03	2.13	0.74	1.56	2.77	0.18	0.31	SANDY MUD

SITE 346: LAT 69 DEG 53 MIN N; LONG 8 DEG 41 MIN W; DEPTH 741 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TIC2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
346 1 2	48	2.0	62.10	0.74	12.80	5.28	0.09	2.34	4.98	1.65	2.65	0.15	1.13	SANDY MUD
346 1 5	84	6.8	62.90	1.15	14.90	6.47	0.08	2.32	2.08	2.29	2.88	0.21	1.29	SANDY MUD
346 2 2	61	3.6	63.60	0.82	13.30	5.13	0.14	2.02	4.34	1.84	2.46	0.17	1.08	MUD
346 2 4	51	11.5	63.60	1.06	15.60	6.29	0.06	2.05	1.39	2.05	3.13	0.16	1.18	MUD
346 3 6	50	24.0	62.50	1.14	14.90	6.70	0.06	2.30	2.08	2.18	3.01	0.23	1.11	SANDY MUD
346 4 4	69	30.7	62.00	1.15	15.40	6.57	0.10	2.31	2.22	2.32	2.98	0.22	1.24	MUD
346 4 5	127	32.8	44.10	1.54	10.50	22.90	0.16	2.23	2.14	1.69	2.63	0.73	0.56	BASALTIC ASH
346 5 4	75	40.3	71.50	0.68	10.60	6.10	0.06	1.45	1.04	1.70	2.45	0.08	1.28	SILICEOUS MUD
346 6 5	87	51.4	69.50	0.74	12.20	5.00	0.04	1.52	0.86	1.60	2.47	0.09	1.93	SILICEOUS MUD
346 7 4	64	59.1	66.70	0.85	13.00	5.73	0.04	1.87	0.86	1.65	2.37	0.09	2.02	SILICEOUS MUD
346 8 5	43	69.9	62.20	1.60	11.70	8.65	0.12	1.66	3.87	2.69	2.17	0.24	0.42	BASALTIC ASH
346 8 5	56	70.1	66.30	1.01	14.20	5.89	0.04	1.66	0.89	1.38	2.67	0.13	1.23	MUD
346 9 6	90	81.4	66.70	0.95	13.10	7.05	0.05	1.87	1.10	1.39	2.13	0.13	1.97	SILICEOUS MUD
346 10 6	70	90.7	62.70	0.98	13.30	6.53	0.03	1.98	1.15	1.53	2.37	0.14	1.79	SILICEOUS MUD
346 11 4	32	96.8	58.60	1.32	14.60	8.22	0.09	2.59	3.07	1.77	2.03	0.22	1.74	SILICEOUS MUD
346 12 5	109	103.6	61.10	1.05	14.00	7.18	0.07	1.95	1.32	1.67	2.42	0.17	1.50	MUD
346 14 5	47	127.0	72.60	0.54	12.60	4.80	0.06	1.58	0.58	1.41	2.90	0.08	0.33	MUD
346 16 2	38	141.4	73.10	0.97	12.50	5.02	0.03	1.61	0.58	1.13	2.89	0.10	0.28	SANDY MUDSTONE
346 18 3	73	162.2	71.50	0.96	12.90	4.95	0.03	1.50	0.63	1.72	2.92	0.17	0.18	SANDY MUDSTONE
346 20 2	44	179.4	70.60	1.08	13.10	5.11	0.05	1.49	0.60	0.87	3.25	0.08	0.83	SANDY MUDSTONE

TABLE 3 - Continued

SITE 348: LAT 68 DEG 30 MIN N; LONG 12 DEG 28 MIN W; DEPTH 1777 M (ANAL WALLACE)

SAMPLE	DEPTH	SIO2	TI02	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
348 1 6	68	3.2	61.80	0.81	15.10	6.82	0.15	2.50	2.45	1.69	3.22	0.20	1.28	MUD
348 3 1	94	19.4	66.10	0.73	13.30	7.42	0.13	1.43	0.94	1.65	2.82	0.29	0.83	MUD
348 4 3	54	41.0	62.10	0.95	15.70	7.30	0.01	2.03	1.14	1.82	3.12	0.16	1.22	MUD
348 5 3	71	60.2	58.80	0.44	10.50	11.40	0.10	0.49	1.59	2.78	2.74	0.10	1.09	VOLCANIC ASH
348 6 1	69	71.7	52.90	1.36	14.20	9.28	0.13	2.73	4.22	1.82	2.24	0.40	3.22	SILICEOUS MUD
348 6 4	64	71.1	56.50	2.16	11.30	11.20	0.14	2.63	5.75	2.72	1.67	0.26	0.53	BASALTIC ASH
348 7 5	60	82.1	50.30	3.03	13.40	13.00	0.16	4.66	9.07	2.36	0.61	0.28	0.88	BASALTIC ASH
348 8 4	68	99.7	55.30	1.30	15.20	8.46	0.05	2.44	2.26	1.72	2.40	0.13	2.76	MUD
348 11 5	66	153.2	54.20	1.68	12.30	5.03	0.08	3.02	4.60	1.99	1.09	0.14	3.03	MUD
348 13 3	45	174.0	54.30	1.35	13.30	8.88	0.07	2.49	2.62	1.58	1.72	0.12	3.70	MUD
348 14 3	62	193.1	63.10	0.64	12.50	5.26	0.04	1.24	1.72	2.31	3.17	0.12	1.76	VOLCANIC ASH
348 15 1	78	209.3	55.20	1.03	12.50	7.76	0.03	2.43	3.91	1.62	1.76	0.13	2.86	MUD
348 19 6	45	273.0	55.80	1.26	12.80	9.90	0.01	4.23	1.92	1.38	2.15	0.11	1.88	MUD
348 21 6	45	292.5	38.50	1.40	10.00	10.40	0.74	4.91	16.00	1.45	0.51	0.19	0.89	CLAYSTONE
348 23 6	95	331.0	64.80	1.26	14.10	6.68	0.00	2.42	1.25	1.20	2.35	0.15	0.82	MUDSTONE
348 25 6	56	373.1	62.20	1.31	15.40	7.94	0.03	2.28	1.36	1.31	2.43	0.14	0.71	MUDSTONE
348 27 4	44	431.9	63.90	1.24	14.50	7.80	0.05	1.84	1.56	1.38	2.42	0.15	0.61	MUDSTONE
348 29 6	39	491.9	65.50	1.21	13.60	6.43	0.02	1.64	2.78	2.28	1.75	0.40	0.52	MUDSTONE
348 31 5	104	519.5	56.40	1.66	18.10	7.35	0.08	2.16	1.89	1.58	2.23	0.20	0.46	MUDSTONE

SITE 354: LAT 5 DEG 54 MIN N; LONG 44 DEG 12 MIN W; DEPTH 4052 M (ANAL WALLACE)

SAMPLE	DEPTH	SIO2	TI02	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
354 1 2	104	2.5	49.20	0.78	18.30	7.35	0.08	1.42	5.00	1.05	2.52	0.15	2.47	FCRAM-NANNO OOZE
354 2 CC		54.5	39.20	0.62	15.00	5.80	0.15	1.22	14.60	0.86	2.08	0.14	1.48	MARLY OOZE
354 3 1	102	93.5	30.80	0.47	11.30	4.10	0.08	1.11	22.40	0.72	1.66	0.11	1.23	NANNO OOZE
354 4 1	85	149.9	31.60	0.51	11.90	4.49	0.13	1.15	24.80	0.66	1.80	0.11	1.01	FORAM-NANNO OOZE
354 4 6	19	147.7	36.60	0.62	14.30	5.51	0.03	1.20	18.50	0.85	2.03	0.14	0.74	FORAM-NANNO OOZE
354 5 1	98	163.5	32.40	0.53	12.30	4.46	0.08	1.13	21.70	0.63	1.87	0.12	0.85	MARLY NANNO OOZE
354 6 3	74	233.7	26.30	0.40	10.90	3.98	0.14	0.83	29.90	0.51	1.44	0.10	0.63	MARLY CHALK
354 7 4	37	287.4	15.00	0.20	6.45	2.20	0.12	0.68	38.50	0.32	0.45	0.09	0.63	NANNO-FCRAM CHALK
354 8 3	48	343.0	16.00	0.20	6.39	2.10	0.11	0.66	37.70	0.46	0.47	0.08	0.56	NANNO-FCRAM CHALK
354 5 5	90	403.4	14.20	0.17	5.71	2.04	0.08	0.61	38.80	0.36	0.46	0.08	0.63	NANNO-FCRAM CHALK
354 10 6	79	461.8	18.00	0.22	6.56	2.05	0.07	0.67	36.60	0.43	0.57	0.11	0.51	ZEOLITIC CHALK
354 11 6	12	527.6	16.40	0.21	6.11	1.94	0.05	0.63	37.40	0.42	0.57	0.09	0.36	ZEOLITIC MARLY CHALK
354 12 6	96	614.0	33.00	0.22	6.20	2.21	0.09	0.70	31.90	0.41	0.46	0.08	0.56	ZEC. DIAT. MARLY CHALK
354 13 6	51	699.0	23.50	0.17	5.20	1.81	0.09	0.66	35.10	0.44	0.51	0.09	0.24	MARLY NANNO CHALK
354 14 6	55	703.6	31.30	0.19	5.20	1.78	0.10	0.55	30.70	0.38	0.41	0.10	0.42	MARLY NANNO CHALK
354 15 3	69	817.9	28.30	0.11	4.49	1.72	0.11	0.64	32.50	0.47	0.40	0.09	0.43	MARLY NANNO CHALK
354 16 6	79	841.8	36.10	0.32	8.40	2.76	0.10	1.12	26.00	0.67	0.84	0.11	0.31	MARLY NANNO CHALK
354 17 3	85	856.4	26.20	0.28	7.34	2.75	0.11	0.65	30.50	0.19	0.47	0.11	0.44	FERRUG. MARLY CHALK
354 18 6	52	879.5	30.80	0.32	8.77	3.70	0.08	0.81	29.70	0.15	0.71	0.11	0.30	FERRUG. MARLY CHALK

SITE 357: LAT 30 DEG 0 MIN S; LONG 35 DEG 34 MIN W; DEPTH 2109 M (ANAL WALLACE)

SAMPLE	DEPTH	SIO2	TI02	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY	
357 1 6	90	3.4	2.96	0.04	1.09	0.48	0.02	0.27	51.00	0.42	0.17	0.08	1.00	FORAM-NANNO OOZE
357 2 3	76	12.3	2.16	0.00	0.64	0.26	0.04	0.25	54.90	0.26	0.13	0.09	0.99	FORAM-NANNO OOZE
357 2 6	64	16.6	2.16	0.01	0.64	0.31	0.03	0.22	52.10	0.07	0.12	0.09	1.00	FORAM-NANNO OOZE
357 3 3	88	21.9	2.77	0.02	0.79	0.35	0.03	0.26	50.10	0.36	0.16	0.09	2.04	FORAM-NANNO OOZE
357 3 6	61	26.1	2.76	0.01	0.33	0.34	0.04	0.26	53.50	0.27	0.15	0.08	1.00	FORAM-NANNO OOZE
357 4 6	85	35.9	7.90	0.09	2.56	0.93	0.05	0.47	45.80	0.42	0.48	0.09	0.97	FORAM-NANNO OOZE
357 5 6	92	45.4	6.67	0.07	1.99	0.81	0.03	0.43	47.40	0.35	0.39	0.10	0.88	FORAM-NANNO OOZE
357 6 6	73	54.7	13.40	0.18	3.95	1.60	0.02	0.74	43.40	0.57	0.77	0.15	0.92	FORAM-NANNO OOZE
357 9 6	115	83.7	12.00	0.13	3.42	1.22	0.00	0.73	44.20	0.54	0.64	0.11	1.05	FORAM-NANNO OOZE
357 12 6	77	121.3	13.30	0.14	3.45	1.27	0.04	0.62	42.30	0.42	0.63	0.14	1.09	FORAM-NANNO OOZE
357 15 2	54	172.4	14.00	0.14	3.43	1.39	0.03	0.62	41.30	0.48	0.68	0.20	0.83	FORAM-NANNO CHALK
357 17 6	66	197.2	13.80	0.13	3.32	1.52	0.02	0.62	42.40	0.49	0.62	0.18	0.81	FORAM-NANNO CHALK
357 19 2	106	239.1	10.00	0.15	2.48	1.08	0.03	0.46	45.30	0.31	0.50	0.15	0.87	FORAM-NANNO CHALK
357 20 3	105	259.6	10.60	0.14	2.71	1.22	0.04	0.63	44.10	0.38	0.66	0.16	0.67	FORAM-NANNO CHALK
357 22 5	51	309.5	10.00	0.35	2.72	1.52	0.05	0.64	26.80	0.43	0.40	0.13	0.65	FORAM-NANNO CHALK
357 24 6	95	353.0	12.20	0.20	2.71	3.13	0.08	1.30	26.80	0.61	0.51	0.13	0.29	LIMESTONE
357 27 6	34	415.3	30.30	0.75	9.34	3.46	0.02	1.26	31.90	1.36	1.14	0.26	0.32	LIMESTONE
357 28 6	31	443.8	22.20	0.61	5.03	2.30	0.06	0.85	44.40	0.86	0.67	0.33	0.29	LIMESTONE
357 30 6	39	431.9	12.40	0.20	3.57	1.53	0.05	0.58	43.20	0.39	0.89	0.21	0.55	LIMESTONE
357 32 5	71	509.2	23.60	0.38	6.71	2.92	0.02	1.27	41.40	0.66	1.78	0.09	0.26	NANNO CHALK
357 36 6	38	614.9	26.70	0.50	7.84	3.76	0.01	1.23	34.30	0.48	2.03	0.11	0.35	NANNO CHALK
357 39 1	70	633.7	24.20	0.46	5.97	3.17	0.09	2.22	34.40	0.65	1.50	0.13	0.24	NANNO CHALK
357 42 5	74	719.2	38.90	0.63	9.06	5.12	0.09	2.26	23.00	0.93	2.08	0.12	0.27	MARLY LIMESTONE



SAMPLE				DEPTH	SIC2	TIU2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY
357	46	4	36	747.9	17.10	0.35	4.10	2.16	0.08	0.98	38.20	0.45	1.00	0.14	0.21	MARLY LIMESTONE
357	51	6	64	793.6	37.80	0.28	3.64	1.87	0.05	0.79	38.50	0.44	0.68	0.10	0.25	MARLY LIMESTONE
SITE 358: LAT 37 DEG 39 MIN S; LONG 35 DEG 53 MIN W; DEPTH 4990 M (ANAL WALLACE)																
SAMPLE				DEPTH	SIC2	TIU2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY
358	1	2	70	49.7	61.90	0.73	14.60	5.85	0.04	2.13	1.32	1.93	2.72	0.11	2.27	DIATOMACEOLS MUD
358	1	6	54	55.5	59.10	0.81	15.30	7.20	0.07	2.56	1.19	1.70	2.88	0.10	1.72	DIATOMACEOLS MUD
358	2	2	62	123.6	61.70	0.78	13.30	5.83	0.10	2.43	1.46	2.02	2.80	0.11	1.58	DIATOMACEOLS MUD
358	2	4	67	123.7	61.20	0.75	15.60	6.01	0.12	2.25	1.61	2.01	2.62	0.13	1.58	DIATOMACEOLS MUD
358	3	3	72	233.2	60.70	0.84	16.70	6.83	0.04	2.53	1.40	1.99	3.04	0.13	0.75	SILICEOUS MUD
358	3	6	37	207.4	60.00	0.85	16.50	6.61	0.06	2.58	1.33	1.90	2.96	0.12	1.14	SILICEOUS MUD
358	4	2	69	277.7	62.00	0.70	14.30	6.87	0.10	2.37	1.72	1.89	2.62	0.20	1.28	RADIOLARIAN MUDSTONE
358	5	1	37	351.9	66.00	0.66	13.40	5.48	0.04	1.78	1.81	2.05	2.17	0.25	1.32	VLG. RAD. MUDSTONE
358	6	1	21	413.2	64.20	0.61	14.00	5.03	0.08	1.91	1.27	2.12	2.90	0.11	1.13	RADIOLARIAN MUDSTONE
358	7	1	111	493.6	62.40	0.75	14.10	5.93	0.06	2.28	1.24	1.81	2.41	0.14	1.33	SILICEOUS MUDSTONE
358	8	6	42	553.9	61.30	0.88	16.00	6.77	0.07	2.50	1.30	2.02	2.70	0.12	0.57	SILICEOUS MUDSTONE
358	9	3	99	593.0	64.40	0.80	15.40	6.06	0.03	2.32	0.87	1.53	2.98	0.12	0.38	SILICEOUS MUDSTONE
358	10	6	118	643.2	64.10	0.76	14.70	7.03	0.19	2.41	0.76	0.37	2.98	0.19	1.89	SILICEOUS MUDSTONE
358	11	3	105	707.1	67.80	0.69	14.20	6.38	0.11	1.98	1.42	1.66	1.55	0.20	0.29	FERRUGINOUS MUDSTONE
358	12	6	96	753.0	38.50	0.39	9.29	3.95	0.29	1.78	22.90	0.87	1.38	0.16	0.24	FERRUG. MARLY CHALK
358	13	5	52	785.5	45.60	0.67	12.70	5.48	0.23	2.36	13.70	1.02	3.29	0.14	0.26	FERRUG. MARLY CHALK
358	14	4	115	793.2	34.10	0.50	10.10	4.54	0.36	1.67	24.40	0.85	2.33	0.14	0.26	FERRUG. MARLY CHALK
358	15	2	49	803.0	59.60	0.86	16.10	7.19	0.18	3.02	1.02	1.36	4.25	0.17	0.28	FERRUGINOUS MUDSTONE
358	16	2	89	819.4	51.70	0.70	13.00	6.12	0.20	2.77	10.90	1.72	2.97	0.17	0.25	FERRUGINOUS MUDSTONE
SITE 360: LAT 35 DEG 51 MIN S; LONG 13 DEG 6 MIN E; DEPTH 2577 M (ANAL WALLACE)																
SAMPLE				DEPTH	SIC2	TIU2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY
360	1	5	90	86.4	12.90	0.15	3.34	1.20	0.03	0.57	45.10	0.36	0.59	0.11	0.98	NANNO OOZE
360	3	6	91	136.9	18.00	0.22	4.54	1.65	0.04	0.74	38.10	0.37	0.84	0.13	0.86	MARLY NANNO OOZE
360	6	6	92	135.9	11.70	0.14	2.97	1.29	0.04	0.51	45.70	0.37	0.58	0.12	0.97	NANNO OOZE
360	9	6	70	163.7	11.70	0.15	2.39	1.00	0.04	0.57	44.10	0.28	0.56	0.12	0.78	NANNO OOZE
360	12	5	89	193.9	13.50	0.21	4.45	1.55	0.04	0.83	38.00	0.41	0.87	0.13	0.69	NANNO CHALK
360	15	2	66	214.7	12.30	0.16	3.16	1.17	0.05	0.60	42.80	0.28	0.67	0.12	0.87	NANNO CHALK
360	18	2	103	243.5	12.30	0.16	3.16	1.17	0.05	0.60	42.80	0.28	0.67	0.12	0.87	NANNO CHALK
360	21	6	65	303.2	16.00	0.23	4.43	1.69	0.08	0.62	40.60	0.37	0.90	0.10	0.66	NANNO CHALK
360	24	2	83	357.3	8.80	0.13	2.36	0.95	0.05	0.41	46.40	0.18	0.45	0.10	0.67	NANNO CHALK
360	27	4	62	417.1	11.70	0.15	2.35	1.52	0.07	0.60	43.20	0.24	0.60	0.12	0.47	NANNO CHALK
360	30	3	74	472.7	19.10	0.29	5.33	2.82	0.08	0.93	39.30	0.43	1.00	0.11	0.38	NANNO CHALK
360	33	5	44	532.4	31.00	0.48	7.88	4.27	0.10	1.68	30.10	0.84	1.59	0.12	0.37	MARLY NANNO CHALK
360	36	4	7	573.1	27.40	0.42	7.18	3.92	0.08	1.53	33.60	0.69	1.50	0.13	0.38	MARLY NANNO CHALK
360	39	3	55	634.1	37.90	0.50	8.52	4.95	0.07	1.81	22.20	0.93	1.70	0.12	0.26	MARLY NANNO CHALK
360	42	4	81	633.3	36.20	0.52	8.51	4.28	0.08	2.00	25.20	0.83	1.57	0.12	0.22	MARLY NANNO CHALK
360	45	5	89	741.9	50.00	0.73	10.50	5.76	0.08	2.38	12.10	0.67	2.01	0.13	0.83	MARLY NANNO CHALK
360	48	5	81	798.8	31.20	0.51	7.52	4.62	0.09	1.93	27.70	0.78	1.42	0.12	0.21	MARLY NANNO CHALK
360	50	2	72	832.2	30.50	0.50	8.31	4.60	0.10	1.75	26.80	0.66	1.55	0.13	0.18	MARLY NANNO CHALK
SITE 362: LAT 19 DEG 45 MIN S; LONG 10 DEG 32 MIN E; DEPTH 1336 M (ANAL TERRANA)																
SAMPLE				DEPTH	SIC2	TIU2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHCLGY
362	1	6	64	44.1	36.50	0.40	8.30	4.22	0.03	1.65	17.30	0.92	1.60	0.13	2.23	MARLY SIL. CALC. OOZE
362	5	6	109	82.6	42.10	0.32	6.50	3.59	0.03	1.51	19.80	0.95	1.50	0.11	1.67	DIATOMACEOLS MUD
362	9	6	76	120.3	40.10	0.48	10.00	5.32	0.04	1.83	16.10	1.24	2.08	0.19	1.18	MARLY DIATOM. OOZE
362	11	6	71	139.2	34.60	0.44	5.30	4.59	0.03	1.68	22.30	0.94	1.83	0.18	1.06	MARLY DIATOM. OOZE
362	13	6	72	153.2	31.40	0.44	8.50	4.44	0.02	1.73	24.20	0.95	1.83	0.18	1.01	MARLY DIATOM. OOZE
362	17	6	71	224.7	19.70	0.30	5.90	2.84	0.03	2.91	33.60	1.10	1.15	0.11	0.12	MARLY SIL. CALC. OOZE
362	21	6	65	240.7	18.00	0.22	5.00	2.64	0.01	0.99	38.50	0.27	0.87	0.13	1.23	MARLY CHALK
362	25	6	64	376.6	16.30	0.16	3.30	1.93	0.03	0.55	41.40	0.68	0.80	0.10	0.51	MARLY CHALK
362	29	5	75	451.3	25.70	0.32	6.70	3.32	0.07	1.59	33.00	0.78	1.37	0.12	0.65	MARLY CHALK
362	31	5	41	483.9	13.70	0.20	4.10	2.48	0.04	1.31	41.30	0.61	0.87	0.12	0.64	CHALK
362	33	6	69	523.7	40.00	0.50	11.50	6.00	0.09	2.13	19.20	1.08	2.43	0.13	0.47	MARLY CHALK
362	35	6	82	585.8	31.50	0.38	8.90	4.61	0.13	1.80	28.70	0.79	2.21	0.13	0.43	MARLY CHALK
362	37	6	86	623.9	17.90	0.26	4.90	3.08	0.16	1.14	38.70	0.57	1.02	0.13	0.50	MARLY CHALK
362	39	6	72	680.7	22.50	0.28	6.00	3.23	0.16	1.44	35.00	0.63	1.65	0.12	0.36	MARLY CHALK
362	41	6	64	737.6	30.60	0.42	8.90	5.01	0.15	1.92	27.30	1.00	1.93	0.13	0.32	MARLY CHALK
362A	3	6	101	842.5	26.50	0.44	8.50	4.91	0.17	1.69	29.50	0.90	1.86	0.20	0.23	BRAARUD. CHALK
362A	5	6	60	918.1	26.70	0.37	7.20	3.77	0.05	3.11	29.70	0.81	1.55	0.15	0.15	MARLY CHALK
362A	7	5	66	954.7	35.90	0.38	6.20	3.79	0.07	1.63	33.20	0.72	1.42	0.29	0.13	MARLY CHALK
362A	9	4	56	1003.6	25.80	0.37	5.30	3.78	0.06	1.78	34.50	0.77	1.42	0.24	0.10	CHALK
362A	12	1	49	1072.0	11.00	0.30	3.00	1.81	0.05	1.02	46.80	0.37	0.66	0.20	0.07	MARLY LIMESTONE

TABLE 3 - Continued

SITE 364: LAT 11 DEG 34 MIN S; LONG 11 DEG 58 MIN E; DEPTH 2449 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
364 1 6 51	15.5	42.80	0.85	18.20	6.73	0.04	2.32	3.58	1.03	2.61	0.23	2.03	CALCAREOUS MUD
364 2 3 36	39.4	47.50	0.85	19.30	7.47	0.05	2.14	0.98	1.14	2.78	0.14	1.42	CLAY
364 3 6 82	72.8	36.60	0.66	15.30	5.36	0.10	1.65	15.60	0.77	2.14	0.15	1.25	OOZE
364 4 6 70	110.6	47.20	0.91	22.40	7.01	0.44	1.81	2.97	0.84	2.75	0.17	1.10	ZEGL. BEARING MUD
364 5 4 69	115.2	51.60	0.89	19.10	8.72	0.55	2.67	1.10	1.27	2.35	0.26	0.88	CLAY
364 6 6 54	205.5	54.20	0.85	17.30	8.71	0.10	2.46	1.12	1.76	2.69	0.23	0.91	ZEGL. BEARING MUD
364 5 4 64	326.1	28.50	0.43	8.49	3.69	0.10	1.86	2.94	0.73	1.89	0.16	0.75	NANNO CHALK
364 12 6 73	376.7	28.50	0.43	8.49	3.96	0.10	1.86	2.94	0.73	1.89	0.16	0.75	NANNO CHALK
364 15 5 111	470.6	19.50	0.31	5.39	2.51	0.14	1.30	38.70	0.60	1.50	0.12	0.49	MARLY CHALK
364 18 3 38	552.4	14.30	0.26	4.32	1.84	0.08	1.03	43.30	0.48	0.94	0.09	0.53	CHALK
364 21 1 59	597.1	24.00	0.51	6.28	3.57	0.12	1.49	40.10	0.81	1.60	0.11	0.39	MARLY CHALK
364 24 2 99	675.0	57.10	1.11	12.40	8.50	0.07	3.17	1.38	1.48	3.11	0.15	0.50	CALC. MUDSTCNE
364 27 3 58	723.6	56.30	1.03	11.50	6.42	0.13	2.98	5.02	1.43	2.89	0.19	0.47	MARLY CHALK
364 30 2 85	788.9	20.00	0.34	4.88	2.73	0.14	1.24	40.00	0.61	1.21	0.10	0.43	MARLY LIMESTCNE
364 33 5 55DK	853.5	35.70	0.48	6.52	8.92	0.06	2.00	20.20	0.82	2.68	0.14	0.52	LIMESTCNE
364 36 3 93	913.9	12.60	0.23	3.47	1.95	0.10	3.43	42.60	0.40	0.79	0.10	0.23	LIMESTCNE
364 42 6 94	1032.4	33.70	0.64	9.45	5.25	0.09	0.96	21.00	0.34	2.45	0.26	0.30	MARLY DOLOMITIC LS.
364 45 3 78	1065.8	21.70	0.36	5.70	2.43	0.11	12.10	20.50	0.22	1.23	0.21	0.50	DOLOMITIC LS.

SITE 366: LAT 5 DEG 41 MIN N; LONG 19 DEG 51 MIN W; DEPTH 2853 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
366A 1 4 60	5.1	20.00	0.39	6.75	2.76	0.03	0.73	34.60	0.48	0.70	0.09	2.04	NANNO MARL
366A 3 5 88	31.9	15.30	0.30	5.76	2.13	0.04	0.66	40.20	0.37	0.65	0.08	1.52	NANNO MARL
366A 5 6 80	42.8	6.40	0.12	2.60	0.82	0.02	0.28	48.50	0.00	0.26	0.08	1.94	NANNO MARL
366A 7 6 24	61.2	12.80	0.27	5.44	1.92	0.03	0.55	41.60	0.23	0.62	0.08	1.40	NANNO MARL
366A 9 6 32	83.8	12.60	0.26	5.22	1.97	0.00	0.49	42.80	0.29	0.54	0.09	1.24	NANNO OOZE
366A 11 6 134D	100.3	15.40	0.38	6.41	2.44	0.04	0.59	40.40	0.26	0.68	0.08	1.07	NANNO OOZE
366A 12 6 82	109.3	5.30	0.11	2.45	0.96	0.04	0.42	50.20	0.17	0.25	0.08	1.18	NANNO OOZE
366A 13 4 101	116.0	28.30	0.86	11.30	4.28	0.03	0.81	27.00	0.46	0.90	0.12	0.89	NANNO OOZE
366A 14 1 81	120.8	6.20	0.09	2.64	0.85	0.06	0.41	49.70	0.22	0.27	0.08	1.19	NANNO OOZE
366A 15 6 84	137.8	10.40	0.18	4.06	1.42	0.07	0.60	45.40	0.23	0.40	0.13	1.08	NANNO OOZE
366A 18 6 52	166.0	16.20	0.25	5.33	1.97	0.04	0.87	35.80	0.34	0.57	0.11	1.18	NANNO MARL
366A 20 3 100	181.0	8.80	0.09	2.79	0.98	0.08	0.52	45.50	0.24	0.25	0.08	1.12	NANNO CHALK
366A 22 2 42	197.9	11.50	0.14	3.36	1.11	0.05	0.53	43.80	0.29	0.29	0.13	1.07	RAD. NANNO CHALK
366A 24 2 62DK	217.1	48.00	1.27	18.30	4.02	0.02	1.50	8.09	0.71	0.89	0.11	1.90	CLAY
366A 26 5 80	240.8	12.40	0.11	2.32	1.02	0.05	0.45	48.00	0.23	0.26	0.09	0.96	CLAYEY CHALK
366A 28 6 74	261.2	10.20	0.08	3.38	0.57	0.07	0.48	47.30	0.23	0.26	0.12	0.91	CLAYEY CHALK
366A 30 6 70	280.3	15.90	0.22	5.15	1.56	0.02	0.81	40.90	0.15	0.54	0.15	0.21	CLAYEY CHALK
366A 33 6 74	303.7	11.00	0.12	3.34	1.16	0.01	0.58	47.10	0.25	0.34	0.12	0.75	CLAYEY CHALK
366A 37 6 78	346.8	6.80	0.07	2.20	0.59	0.02	0.38	45.80	0.24	0.23	0.20	0.65	CLAYEY CHALK
366A 39 4 62	362.6	8.20	0.06	2.57	0.74	0.00	0.45	50.20	0.27	0.24	0.11	0.49	CLAYEY CHALK
366 6 6 24DK	383.2	34.90	0.60	9.23	3.08	0.01	1.64	24.90	0.66	0.86	0.15	0.82	NANNO CHALK
366 9 4 70LT	409.2	16.20	0.11	2.37	0.94	0.04	0.54	43.70	0.35	0.21	0.16	0.60	NANNO CHALK
366 12 4 81	437.8	31.60	0.11	3.21	1.01	0.01	0.74	36.50	0.77	0.29	0.14	0.21	NANNO CHALK
366 15 1 30	461.3	34.40	0.27	5.46	1.50	0.03	1.17	29.80	0.55	0.43	0.14	0.73	NANNO CHALK
366 18 1 22	498.7	67.20	0.02	0.52	0.03	0.01	0.10	19.20	0.24	0.08	0.08	0.07	PORCELLANITE
366 23 2 70	539.2	72.70	0.02	0.63	0.18	0.01	0.10	16.80	0.22	0.09	0.08	0.17	PORCELLANITE
366 26 3 49	559.0	12.80	0.10	2.20	0.91	0.02	0.68	48.80	0.22	0.23	0.13	0.24	SILICEOUS LIMESTCNE
366 29 4 79	599.3	25.90	0.20	4.78	2.64	0.01	1.18	36.60	0.42	0.52	0.17	0.33	SILICEOUS LIMESTCNE
366 30 2 98	606.0	11.80	0.05	1.71	0.64	0.01	0.45	53.20	0.25	0.16	0.11	0.28	SILICEOUS LIMESTCNE
366 32 5 86	629.4	52.60	0.21	4.61	2.01	0.04	1.51	20.80	0.49	0.70	0.09	0.45	SILICEOUS LIMESTCNE
366 35 6 92	659.4	34.70	0.10	2.55	0.91	0.07	0.62	34.10	0.33	0.30	0.13	0.35	SILICEOUS LIMESTCNE
366 38 6 75	687.8	39.50	0.18	4.07	1.45	0.04	1.07	25.70	0.38	0.41	0.10	0.37	CLAYEY LIMESTCNE
366 41 6 125	716.8	23.70	0.09	4.37	0.86	0.05	0.45	39.90	0.28	0.18	0.12	0.26	CLAYEY LIMESTCNE
366 44 5 20	742.7	21.30	0.10	2.75	0.75	0.03	0.48	44.20	0.31	0.21	0.15	0.15	SILICEOUS LIMESTCNE
366 48 6 76	782.8	22.90	0.05	3.31	0.99	0.03	0.58	41.10	0.33	0.24	0.14	0.18	MARLSTONE
366 51 6 66	811.2	31.40	0.21	5.78	1.67	0.16	0.77	32.80	0.51	0.38	0.16	0.22	MARLSTONE

SITE 367: LAT 12 DEG 29 MIN N; LONG 20 DEG 3 MIN W; DEPTH 4748 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
367 37 1 95	64.40	0.50	8.87	4.72	0.13	1.73	9.05	0.59	2.03	0.09	0.18	0.17	ARGILL. LIMESTCNE
367 36 3 70	47.70	0.51	9.08	5.12	0.16	2.18	15.70	0.55	2.15	0.10	0.17	0.17	ARGILL. LIMESTCNE
367 35 3 83	52.70	0.35	7.08	3.05	0.16	1.61	17.30	0.40	1.68	0.18	0.17	0.17	ARGILL. LIMESTCNE

SITE 369; LAT 26 DEG 36 MIN N; LONG 15 DEG 0 MIN W; DEPTH 1752 M (ANAL WALLACE)

SAMPLE	DEPTH	SIU2	TIQ2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
369 1 3 56 3.0 22.30 0.39 7.53 2.52 0.03 1.41 31.00 0.71 1.45 0.23 0.87	CLAYEY NANNO OOZE												
369 5 5 70 37.3 24.50 0.45 8.09 2.71 0.03 1.47 28.90 0.64 1.51 0.24 0.80	NANNO MARL												
369A 3 6 74 69.2 41.20 0.55 9.05 3.53 0.05 1.48 19.40 1.79 2.03 0.17 0.75	NANNC MARL												
369A 5 6 55 38.1 14.30 0.22 4.43 1.72 0.03 0.99 40.00 0.47 0.73 0.22 0.83	NANNO MARL												
369A 5 6 70JK 126.2 34.40 0.42 9.35 5.05 0.01 1.30 19.90 0.83 1.10 0.27 1.07	NANNO CLAY												
369A 13 6 52 164.0 40.80 0.45 7.15 3.90 0.01 3.71 15.90 0.75 1.20 2.35 0.67	DOLOMITIC MARL												
369A 17 6 75 202.3 57.90 0.75 11.50 4.82 0.01 1.98 6.34 0.72 1.94 0.19 0.63	NANNO DIATCM CLAY												
369A 24 6 76 263.8 37.50 0.46 8.10 2.68 0.04 1.12 22.00 0.57 0.62 0.37 1.03	NANNC DIATCM MARL												
369A 28 5 93 305.4 35.70 0.48 8.31 8.44 0.02 1.47 22.50 0.70 1.01 0.31 0.85	NANNO MARL												
369A 32 4 74 341.7 34.50 0.45 7.38 6.97 0.02 1.29 25.40 0.68 0.91 0.41 0.77	SILTY NANNC MARL												
369A 33 3 62 354.1 35.10 0.44 6.21 6.25 0.01 1.62 21.80 0.72 1.00 1.01 0.92	ARG. NANNC LS.												
369A 35 5 101 372.0 29.80 0.13 3.29 3.68 0.02 0.85 33.20 0.50 0.43 0.25 0.51	ARG. NANNC LS.												
369A 36 5 60 381.1 14.20 0.15 3.79 4.69 0.04 0.93 42.70 0.44 0.52 0.14 0.47	ARG. NANNO LS.												
369A 38 5 50 400.0 34.60 0.29 6.98 2.84 0.04 1.74 26.80 0.81 0.90 0.22 0.61	NANNO MARL												
369A 40 4 65 417.7 19.60 0.23 4.65 1.84 0.03 1.94 32.80 0.40 0.90 0.14 0.91	ARG. CHALK												
369A 42 3 40 434.9 41.20 0.47 10.20 4.09 0.04 3.10 14.30 0.72 2.02 1.15 0.80	NANNO MARL												
369A 44 3 94 454.4 44.80 0.50 9.11 4.32 0.04 2.39 14.00 0.76 2.01 0.12 0.79	SILTY NANNC CHALK												
369A 46 5 90 476.4 26.40 0.31 6.14 2.64 0.04 2.83 31.90 0.46 1.36 0.17 0.60	SILTY NANNC MARL												

SITE 371; LAT 37 DEG 36 MIN N; LONG 5 DEG 15 MIN E; DEPTH 2826 M (ANAL WALLACE)

SAMPLE	DEPTH	SIU2	TIQ2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
371 1 3 94 3.9 47.30 0.71 14.50 5.63 0.06 2.11 11.20 0.90 2.23 0.19 1.21	CALC. MUD & CLAY												
371 1 6 86 3.4 39.80 0.60 13.30 5.42 0.10 2.01 16.80 0.69 2.29 0.18 1.34	CALC. MUD & CLAY												
371 2 3 94 203.4 37.80 0.55 12.20 4.96 0.10 1.71 19.80 0.73 1.75 0.19 1.92	CALC. MUD & CLAY												
371 3 2 81 363.3 40.80 0.63 13.30 5.05 0.08 1.86 16.60 0.84 2.02 0.15 2.01	CALC. MUD & CLAY												
371 3 5 82 367.8 42.10 0.63 13.30 5.31 0.11 1.80 15.70 0.78 1.84 0.21 1.79	CALC. MUD & CLAY												
371 4 6 76 416.8 30.60 0.40 9.37 3.77 0.07 1.43 26.30 0.62 1.21 0.14 2.56	CALC. MUD & CLAY												
371 5 2 64 467.7 31.30 0.43 9.42 5.61 0.09 1.48 29.80 0.63 1.28 0.16 2.34	CALC. MUD & CLAY												
371 5 6 85 473.9 38.10 0.46 9.73 4.07 0.05 1.55 21.90 0.63 1.24 0.16 2.02	CALC. MUD & CLAY												
371 8 1 48 546.5 23.60 0.35 8.00 3.14 0.11 1.97 31.80 0.68 1.21 0.11 2.58	CALC. MUD & CLAY												
371 8 3 101 553.0 47.90 0.52 7.31 5.48 0.14 5.13 13.50 0.74 1.00 0.16 0.79	DOLOMITIC MUDSTONE												

SITE 372; LAT 40 DEG 2 MIN N; LONG 4 DEG 48 MIN E; DEPTH 2734 M (ANAL WALLACE)

SAMPLE	DEPTH	SIU2	TIQ2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
372 1 3 85 115.9 32.60 0.43 10.20 2.98 0.14 1.71 25.50 0.74 1.98 0.12 0.13	NANNC MARL												
372 2 2 105 133.6 37.20 0.51 11.30 5.06 0.08 1.97 15.70 0.84 2.27 0.14 1.09	NANNO MARL												
372 2 4 87 136.4 21.80 0.29 7.16 2.82 0.09 1.30 35.80 0.47 1.26 0.12 1.39	NANNO MARL												
372 3 1 98 141.5 31.10 0.43 10.20 3.95 0.09 1.65 24.60 0.66 1.93 0.13 1.31	NANNO MARL												
372 3 3 76 144.3 34.80 0.49 11.10 3.46 0.36 1.07 21.60 0.69 1.96 0.11 1.07	NANNO MARL												
372 4 2 94 152.4 31.40 0.42 9.77 3.25 0.05 2.37 26.00 0.71 1.92 0.13 1.05	NANNO MARL												
372 5 1 130 160.8 41.30 0.54 11.70 4.53 0.07 3.02 16.50 0.82 2.25 0.15 1.08	DOLOMITIC MARL												
372 6 1 140 173.4 39.80 0.49 9.35 3.32 0.06 4.81 15.10 0.90 1.80 0.13 0.89	DOLOMITIC MARL												
372 9 2 83 199.8 32.60 0.42 10.80 3.19 0.09 1.37 22.60 0.79 2.26 0.12 1.20	DOLOMITIC MARL												
372 10 2 76 209.3 36.00 0.45 11.20 3.98 0.10 2.57 20.80 1.12 2.44 0.15 1.32	MARL												
372 11 2 77 218.8 31.90 0.43 10.40 3.57 0.10 2.45 24.90 0.73 2.06 0.14 1.33	MARL												
372 13 2 73 253.2 26.40 0.36 8.47 2.89 0.09 2.03 33.10 0.71 1.78 0.12 1.20	MARL												
372 15 2 76 256.8 24.40 0.30 7.33 2.43 0.08 2.06 33.60 0.63 1.59 0.12 1.12	MARL												
372 17 6 66 281.7 28.70 0.37 9.64 3.53 0.07 2.33 27.70 0.64 1.85 0.12 1.27	MARL												
372 20 5 62 303.6 23.60 0.29 7.77 2.71 0.08 1.96 30.70 0.64 1.52 0.12 1.16	MARL												
372 23 4 96 336.0 21.40 0.28 6.68 2.42 0.06 1.82 36.40 0.58 1.27 0.14 1.34	MARL												
372 26 4 71 364.2 17.80 0.25 5.77 2.11 0.08 1.44 35.30 0.50 1.13 0.13 1.02	MARL												
372 28 2 87 380.4 22.80 0.28 7.28 2.77 0.10 1.93 35.90 0.61 1.39 0.13 1.00	MARL												
372 29 5 72 394.2 30.40 0.37 9.06 2.92 0.06 2.15 24.90 0.71 1.70 0.12 1.49	MARL												
372 31 6 78 424.3 33.40 0.30 6.98 2.36 0.05 1.82 28.30 0.64 1.26 0.14 1.44	MARL												
372 34 5 40 498.4 51.50 0.44 10.20 3.72 0.06 2.43 11.50 1.01 1.93 0.12 1.05	MARL												
372 35 3 92 532.9 41.40 0.48 10.70 4.71 0.08 3.97 14.70 0.57 2.13 0.12 1.18	NANNO MUDSTONE												
372 38 6 71 652.2 39.50 0.49 11.60 5.07 0.08 2.69 15.90 1.04 2.31 0.12 0.98	NANNO MUDSTONE												
372 41 6 84 766.3 45.40 0.45 10.50 3.88 0.08 2.56 16.20 0.57 1.92 0.12 1.10	NANNO MUDSTONE												
372 44 6 56 842.1 46.20 0.48 10.50 4.01 0.06 3.00 14.70 1.00 2.04 0.12 0.91	NANNO MUDSTONE												
372 46 3 51 885.0 44.20 0.52 11.30 4.52 0.06 3.01 14.80 0.91 2.29 0.13 1.02	NANNO MUDSTONE												

SITE 375; LAT 34 DEG 46 MIN N; LONG 31 DEG 46 MIN E; DEPTH 1914 M (ANAL WALLACE)

SAMPLE	DEPTH	SIU2	TIQ2	AL2O3	FE2O3	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLGY
375 1 1 122 138.7 40.00 0.63 8.02 4.27 0.09 4.38 21.60 1.19 1.21 0.15 0.45	GYPSIFEROUS MARL												
375 2 2 35 191.4 31.60 0.46 7.56 4.28 0.10 3.38 27.40 0.79 1.15 0.18 0.45	MARLSTONE												

TABLE 3 - Continued

SAMPLE			DEPTH	SIC2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLGCGY	
375	4	4	82	250.8	33.60	0.53	11.00	5.66	0.11	4.70	21.20	1.01	2.06	0.11	0.20	DOLCOMITIC MARLSTONE
375	5	3	103	364.0	32.80	0.55	9.62	5.78	0.19	6.08	20.40	0.92	1.63	0.14	0.25	DOLCOMITIC MARLSTONE
375	6	5	44	467.4	35.20	0.61	11.30	6.21	0.24	4.41	15.80	1.12	1.48	0.17	0.35	DOLCOMITIC MARLSTONE
375	7	1	45	565.5	32.90	0.49	8.07	4.55	0.13	3.97	25.00	1.21	1.36	0.15	0.21	DOLCOMITIC MARLSTONE
375	8	6	87	630.4	33.90	0.63	10.90	5.14	0.23	4.84	21.70	1.25	1.54	0.17	0.27	MARLSTONE
375	9	2	103	653.0	24.50	0.52	8.61	4.22	0.25	2.88	32.60	0.67	1.23	0.16	0.18	MARLSTONE
375	9	3	57	654.1	40.60	0.65	13.60	7.70	0.06	5.88	12.70	1.23	2.19	0.12	0.23	MARLSTONE
375	9	6	7	653.1	42.20	0.72	13.60	8.34	0.11	5.70	10.80	1.46	2.19	0.13	0.26	SAPROPELIC CLAYSTONE
375	10	1	140	676.9	22.00	0.40	7.70	4.76	0.23	1.78	35.30	0.58	1.16	0.15	0.11	DOLCOMITIC MARLSTONE
375	11	1	110	734.1	23.90	0.42	8.67	4.95	0.24	4.53	29.60	0.60	1.30	0.16	0.13	MARLSTONE
375	11	2	80	735.3	15.30	0.26	5.84	3.08	0.29	3.95	43.00	0.43	0.84	0.11	0.11	MARLSTONE
SITE 376: LAT 34 DEG 52 MIN N; LCNG 31 DEG 48 MIN E; DEPTH 2101 M (ANAL WALLACE)																
SAMPLE			DEPTH	SIO2	TIO2	AL2O3	FE2O3	MNO	MGO	CAO	NA2C	K2O	P2O5	CL	LITHOLGCGY	
376	1	3	105	4.0	33.10	0.62	10.30	5.83	0.16	3.63	20.10	1.00	1.33	0.14	1.15	NANNO MARL
376	2	4	17	12.2	23.90	0.43	7.66	4.95	0.11	2.53	26.60	0.87	0.97	0.11	1.71	SAPROPELIC MARL
376	3	5	65	23.7	34.60	0.65	11.00	5.84	0.25	3.61	18.10	1.01	1.52	0.14	0.99	NANNO MARL
376	4	2	96	29.0	25.40	0.52	8.58	4.22	0.22	2.78	32.30	0.70	1.18	0.12	0.58	NANNO MARL
376	5	5	59	42.6	25.00	0.54	5.41	5.14	0.17	2.24	28.20	0.70	1.32	0.14	0.99	NANNO MARL
376	6	4	105	51.1	26.20	0.40	7.12	3.62	0.21	3.16	33.80	0.65	1.17	0.20	0.58	NANNO MARL
376	7	2	70	57.2	36.30	0.54	10.60	5.32	0.11	7.62	15.60	0.91	1.55	0.13	0.64	DOLCOMITIC MARLSTONE
376	8	3	63	63.1	35.40	0.49	10.30	5.43	0.11	5.57	16.30	0.89	2.03	0.14	0.70	DOLCOMITIC MARLSTONE
376	9	4	76	79.3	38.50	0.46	8.09	3.70	0.11	4.94	19.30	1.17	1.56	0.13	0.53	DOLCOMITIC MARLSTONE
376	10	3	66	87.2	37.60	0.47	8.80	3.89	0.12	4.94	18.90	1.08	1.66	0.15	0.42	DOLCOMITIC MARLSTONE
376	12	5	84	109.3	34.30	0.39	8.45	4.25	0.22	2.99	23.40	0.54	1.31	0.18	0.47	SANDY MARLSTONE
376	13	4	83	117.3	45.20	0.61	12.00	5.16	0.10	2.99	12.40	1.07	1.87	0.18	0.52	MARLSTONE
376	15	3	85	134.9	28.80	0.38	6.15	2.97	0.10	3.67	30.20	1.04	0.90	0.16	0.28	MARLSTONE
376	16	1	77	141.3	30.60	0.44	7.64	3.70	0.10	4.18	26.20	0.98	1.19	0.15	0.51	MARLSTONE
SITE 379: LAT 43 DEG 0 MIN N; LCNG 36 DEG 1 MIN E; DEPTH 2171 M (ANAL WALLACE)																
SAMPLE			DEPTH	SIO2	TIO2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLGCGY	
379A	1	3	79	3.8	46.70	0.81	13.50	7.22	0.11	4.33	10.30	1.56	2.11	0.19	0.86	MUD
379A	4	5	60	32.6	44.30	0.83	13.30	7.32	0.18	4.18	10.40	0.95	1.98	0.18	0.10	MUD
379A	6	6	86	53.4	57.80	0.77	13.70	6.59	0.07	3.56	2.71	1.26	2.69	0.19	0.15	MUD
379A	7	4	16S	59.2	53.30	0.71	13.90	6.26	0.13	3.26	7.29	1.01	2.34	0.17	0.19	MUD
379A	8	5	93	70.9	53.10	0.72	14.50	6.23	0.16	3.00	8.08	1.15	2.41	0.17	0.17	MUD
379A	9	2	41	75.4	46.00	0.62	13.30	6.26	0.13	3.24	13.10	0.97	2.27	0.15	0.33	DIATOMACEOLS MUD
379A	10	3	15S	86.2	55.60	0.68	14.50	5.66	0.13	2.69	5.61	2.45	2.21	0.16	0.21	MUD
379A	10	3	77	86.8	61.40	0.67	14.20	5.49	0.12	2.70	6.89	2.55	1.96	0.19	0.13	MUD
379A	11	1	110S	93.6	54.80	0.72	14.40	6.12	0.11	2.48	7.93	1.59	2.10	0.16	0.32	MARL
379A	12	3	140S	106.4	54.80	0.72	14.40	6.12	0.11	2.48	7.93	1.59	2.10	0.16	0.32	MUD
379A	13	6	48	119.5	46.20	0.89	12.30	6.32	0.19	3.54	11.80	1.12	1.91	0.20	0.17	MUD
379A	14	6	30S	128.8	73.10	0.78	13.50	6.51	0.15	3.54	9.44	1.11	2.10	0.17	0.19	MUD
379A	15	2	78	132.8	56.10	0.73	14.90	6.32	0.12	2.98	7.68	1.62	2.14	0.20	0.20	MUD
379A	15	4	13S	135.1	51.00	0.76	14.60	6.59	0.14	3.58	8.08	1.22	2.30	0.18	0.27	MUD
379A	16	3	32S	143.3	60.30	0.72	10.90	6.21	0.21	3.12	8.12	1.02	1.69	0.20	0.24	MUD
379A	18	2	48S	161.0	52.10	0.70	13.60	6.30	0.14	3.33	7.20	0.92	2.43	0.13	0.32	MUD
379A	19	5	101S	175.5	50.20	0.84	13.40	6.14	0.19	4.40	10.50	1.12	2.04	0.18	0.16	MUD
379A	19	6	51	176.5	55.50	0.72	15.00	6.87	0.13	2.83	5.81	1.19	2.37	0.15	0.11	MUD
379A	21	2	27S	189.3	51.00	0.78	12.30	6.51	0.18	3.76	11.00	1.17	1.89	0.18	0.13	MUD
379A	22	6	61	205.1	44.10	0.78	12.90	7.07	0.18	4.35	11.10	1.01	1.84	0.17	0.17	MUD
379A	23	4	148	212.5	47.00	0.78	13.30	7.34	0.20	3.94	10.10	1.10	2.06	0.22	0.16	MUD
379A	24	6	75	224.3	45.70	0.77	13.10	6.84	0.16	3.71	11.50	1.02	1.80	0.17	0.20	DIATOMACEOLS MUD
379A	25	7	107	235.6	46.20	0.75	12.90	6.98	0.14	4.21	11.40	0.56	1.92	0.14	0.17	MUD
379A	26	4	87	240.4	43.90	0.94	13.30	7.47	0.19	4.33	9.93	0.85	2.12	0.20	0.16	MUD
379A	27	5	71	251.2	46.20	0.68	14.40	6.77	0.12	3.83	10.90	0.83	2.29	0.14	0.18	MUD
379A	28	6	67	262.2	44.70	0.65	12.90	5.82	0.10	3.29	16.10	0.56	1.82	0.17	0.15	MUD
379A	29	6	40	271.4	45.60	0.84	13.30	6.33	0.16	4.31	13.10	1.07	1.99	0.16	0.17	CALCAREOUS MUD
379A	30	2	9	274.6	41.40	0.72	13.10	6.53	0.14	3.84	11.60	1.04	1.93	0.14	0.35	MUD
379A	34	6	80	319.3	48.10	0.63	15.00	6.40	0.10	2.60	10.80	0.81	2.14	0.17	0.16	MUD
379A	38	6	78	357.3	53.60	0.80	18.30	7.09	0.07	2.51	5.14	0.46	3.16	0.21	0.16	MUD
379A	43	5	71	393.7	47.40	0.78	13.50	7.42	0.17	4.06	10.80	0.87	1.88	0.20	0.16	MUD
379A	48	6	87	442.9	40.00	0.79	13.40	7.43	0.17	4.20	11.50	0.89	1.84	0.18	0.26	MUD
379A	52	3	86	476.4	46.60	0.77	12.10	6.19	0.20	3.72	13.60	1.21	1.68	0.20	0.21	MUD
379A	56	3	71	514.2	50.30	0.83	14.60	7.11	0.14	4.27	7.80	0.93	2.06	0.17	0.33	MUD
379A	60	4	68	533.7	44.20	0.72	11.70	5.68	0.14	3.48	16.50	1.10	1.66	0.19	0.28	SEEKREIDE
379A	65	6	66	594.7	43.20	0.66	12.90	5.62	0.11	3.60	15.60	0.83	1.74	0.16	0.36	MUD
379A	68	5	69	621.7	41.80	0.71	12.60	5.83	0.12	3.59	15.80	0.84	1.71	0.18	0.38	MUD



SITE 380:LAT 42 DEG 6 MIN N;LCNG 29 DEG 37 MIN E; DEPTH 2115 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TIO2	AL2O3	FE2O3	MNC	MGC	CAO	NA2O	K2O	P2O5	CL	LITHCLGY	
380	1	3	77	3.8	69.20	0.60	8.75	2.53	0.07	2.22	6.78	1.51	0.15	MUD
380	1	6	84	3.3	48.60	0.66	13.30	5.15	0.13	3.04	11.60	1.01	0.15	CALCAREOUS MUD
380	2	2	21	11.2	55.00	0.48	9.71	3.33	0.05	2.05	13.40	1.05	0.12	MUD
380	2	5	31	15.8	46.30	0.38	5.43	3.75	0.09	1.74	17.80	0.91	0.12	MUD
380	4	4	46	32.5	51.90	0.67	13.30	7.46	0.15	3.14	7.29	1.13	0.16	MUD
380	5	4	126	43.8	51.80	0.72	13.50	5.64	0.12	2.88	7.48	1.46	0.15	DIATOMACEOUS MUD
380	6	4	92	52.9	46.60	0.72	13.60	5.85	0.11	2.50	9.77	0.92	0.13	DIATOMACEOUS MUD
380	7	4	3	61.5	47.30	0.58	15.30	6.03	0.09	2.78	6.72	2.55	0.18	DIATOMACEOUS MUD
380	8	1	140	67.9	49.60	0.67	12.70	6.14	0.17	2.77	8.39	1.55	0.12	DIATOMACEOUS MUD
380	9	1	79	76.8	54.10	0.70	16.30	5.45	0.08	2.57	3.71	1.13	0.16	MUD
380	10	4	45	93.5	51.20	0.70	16.20	5.57	0.09	2.93	5.98	0.90	0.14	MUD
380	11	1	147	96.5	48.80	0.68	14.70	5.93	0.13	2.55	6.72	1.69	0.14	DIATOMACEOUS MUD
380	12	1	145	106.0	46.40	0.72	13.20	5.98	0.17	4.10	5.70	1.15	0.14	MUD
380	13	6	43	121.9	50.80	0.73	18.00	5.59	0.05	3.14	5.75	1.22	0.15	MUD
380	14	2	33	125.3	38.80	0.79	11.70	5.41	0.13	3.12	7.12	1.39	0.16	MUD
380	15	6	52	141.0	53.40	0.65	12.10	4.57	0.09	2.51	8.75	1.23	0.24	MUD
380	16	1	87	143.4	57.50	0.67	12.70	4.97	0.12	2.46	7.63	1.47	0.18	DIATOMACEOUS MUD
380	17	4	90	152.9	51.50	0.74	14.30	6.00	0.10	3.07	6.45	1.10	0.13	MUD
380	18	6	75	163.8	58.10	0.69	13.20	4.78	0.09	2.94	6.42	1.86	0.13	MUD
380	21	3	82	193.8	53.00	0.84	16.30	6.12	0.13	2.56	6.21	1.05	0.17	MUD
380	23	6	64	217.1	50.70	0.73	16.60	6.40	0.09	2.60	6.27	1.68	0.17	MUD
380	25	6	60	236.1	43.90	0.68	15.70	6.90	0.10	2.29	6.39	1.10	0.17	MUD
380	27	3	78	259.8	58.50	0.70	18.60	6.65	0.07	2.49	2.20	1.48	0.13	MUD
380	30	2	15	277.2	42.60	0.76	13.70	6.60	0.15	2.52	6.68	1.31	0.19	MUD
380	31	2	61	287.1	43.70	0.72	12.30	5.33	0.15	2.92	5.92	1.30	0.16	MUD
380	32	6	34	302.3	52.00	0.70	15.70	6.42	0.12	2.78	5.66	1.27	0.14	DIATOMACEOUS MUD
380	33	3	60	307.6	49.10	0.73	15.60	7.08	0.15	3.06	6.02	1.24	0.14	MUD
380	35	4	22	327.7	49.70	0.66	15.70	4.81	0.17	2.97	7.06	1.45	0.12	DIATOMACEOUS MUD
380	36	3	42	335.9	47.30	0.67	15.10	7.06	0.18	3.01	6.59	1.03	0.12	MUD
380	37	2	78	344.3	49.50	0.62	14.20	4.95	0.14	2.70	5.51	1.13	0.17	MUD
380	38	3	30	354.8	50.20	0.76	14.10	7.01	0.21	3.17	8.19	1.35	0.19	MUD
380A	3	4	86	356.9	54.10	0.64	14.60	6.94	0.12	2.21	3.84	1.31	0.13	DIATOMACEOUS MUD
380A	4	5	71	364.8	50.50	0.69	17.40	6.38	0.10	2.58	5.65	0.49	0.18	MUD
380A	39	6	360	368.9	47.40	0.54	12.00	6.63	0.08	1.98	8.94	0.92	0.13	ORGANIC MUD
380	39	6	105L	369.6	10.30	0.21	5.10	2.48	0.15	1.55	34.50	0.39	0.16	MARL
380	40	1	93	371.4	50.40	0.75	15.00	6.21	0.15	2.68	6.79	1.09	0.14	BROWN CLAY
380A	6	4	62	385.1	62.40	0.72	12.10	4.12	0.11	2.73	6.09	1.70	0.19	MUD
380A	8	6	46	407.0	49.60	0.71	17.20	6.27	0.10	2.51	5.97	1.23	0.20	MUD
380A	11	6	85	435.9	56.20	0.73	18.50	6.72	0.09	2.36	1.11	1.56	0.14	MUD
380A	16	1	57	475.6	27.80	0.32	9.31	2.86	0.10	1.67	28.60	1.08	0.10	SEEKREIDE
380A	19	6	57	511.6	16.80	0.20	6.23	5.89	0.29	1.67	33.20	0.42	0.21	SEEKREIDE
380A	21	4	90	527.9	31.20	0.37	10.20	6.77	0.21	1.80	25.10	0.85	0.20	SEEKREIDE
380A	26	1	91	570.9	31.50	0.35	10.60	7.83	0.28	1.78	21.70	0.66	0.21	SEEKREIDE
380A	27	6	93	587.9	31.00	0.39	10.70	4.73	0.05	1.61	26.20	0.63	0.08	SEEKREIDE
380A	31	5	94	614.9	48.70	0.57	15.80	5.61	0.06	1.76	5.83	1.66	0.09	MUD
380A	36	4	66	660.7	57.50	0.70	18.40	6.77	0.05	1.85	0.59	1.38	0.11	DIATOMACEOUS MUD
380A	37	6	9	672.6	58.10	0.69	19.50	7.48	0.08	1.13	0.53	1.46	0.08	CLAY
380A	38	6	84	682.8	60.90	0.67	15.60	4.97	0.06	1.88	0.65	1.46	0.09	DIATOMACEOUS MUD
380A	39	3	62	687.6	62.30	0.57	15.90	4.84	0.04	1.58	0.41	1.25	0.08	DIATOMACEOUS MUD
380A	40	6	9	701.1	67.20	0.57	14.60	4.89	0.03	1.54	0.94	1.35	0.10	DIATOMACEOUS MUD
380A	41	6	69	711.2	67.00	0.47	14.20	4.30	0.05	1.19	0.38	1.19	0.08	DIATOMACEOUS MUD
380A	42	6	19	720.2	50.50	0.41	9.49	4.91	0.13	1.43	14.70	0.91	0.14	DIATOMACEOUS MUD
380A	43	6	19	729.7	61.00	0.54	15.20	5.26	0.02	1.56	0.60	1.20	0.08	DIATOMACEOUS MUD
380A	44	5	145	739.0	61.60	0.61	15.50	4.80	0.01	1.50	0.58	1.33	0.07	DIATOMACEOUS MUD
380A	45	6	12	748.6	57.00	0.54	10.70	6.06	0.14	1.63	4.51	2.16	0.13	DIATOMACEOUS MUD
380A	46	6	71	758.7	59.40	0.52	15.00	6.57	0.06	1.34	1.71	1.30	0.10	DIATOMACEOUS MUD
380A	47	5	61	765.6	32.80	0.39	10.40	5.31	0.51	1.40	21.40	0.79	0.19	DIATOMACEOUS MARL
380A	48	6	81	777.3	37.90	0.44	5.27	4.35	0.08	1.69	24.10	1.13	0.12	SEEKREIDE MARL
380A	49	5	101	785.5	37.80	0.48	8.20	4.34	0.11	2.08	19.20	1.00	0.17	SEEKREIDE MARL
380A	50	3	20	791.2	24.90	0.33	7.60	3.21	0.10	2.08	27.20	0.63	0.14	SEEKREIDE MARL
380A	51	6	86	805.9	33.40	0.35	8.41	3.49	0.09	1.37	24.40	0.71	0.12	SEEKREIDE MARL
380A	52	6	75	815.8	37.50	0.38	8.19	3.23	0.08	1.58	27.80	1.36	0.12	SEEKREIDE MARL
380A	53	6	16	824.7	27.20	0.29	6.52	2.61	0.07	1.48	36.00	0.84	0.14	SEEKREIDE MARL
380A	54	2	46	823.5	33.20	0.39	8.63	3.38	0.05	1.62	30.30	0.10	0.12	SEEKREIDE MARL
380A	55	4	39	840.9	56.60	0.81	19.30	5.92	0.10	1.78	4.16	1.39	0.11	CLAY
380A	56	3	108	849.6	53.30	0.54	13.90	5.34	0.12	1.70	6.00	1.14	0.07	DIATOMACEOUS SHALE
380A	60	3	95	887.4	40.20	0.47	10.80	3.81	0.09	2.29	18.90	1.14	0.13	MARL
380A	63	3	64	915.8	56.10	0.71	16.20	5.48	0.07	2.03	2.00	1.35	0.13	SHALE
380A	63	3	120	916.2	13.60	0.17	4.69	3.70	0.42	1.10	27.30	0.53	0.22	MARL
380A	63	4	0	916.5	24.60	0.29	7.17	3.82	0.21	5.47	28.00	0.74	0.20	DOLOMITIC MARL
380A	66	3	84	944.3	29.40	0.30	7.75	2.78	0.09	5.26	20.50	1.00	0.13	MARL

CHEMICAL COMPOSITION OF DEEP SEA SEDIMENTS



SAMPLE	DEPTH	SIU2	TIU2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLOGY
386 64 4 3DDK	953.6	58.70	0.33	7.59	9.53	0.08	2.46	0.43	0.35	2.40	0.12	0.33	CLAYSTCNE
386 64 6 1C7L	953.9	76.90	0.20	4.21	8.10	0.08	1.34	0.33	0.29	1.99	0.06	0.39	RADIOLARIAN SAND
386 65 3 80	958.6	55.10	0.45	9.32	12.40	0.11	3.32	0.76	0.40	3.63	0.14	0.37	CLAYSTCNE
SITE 387: LAT 32 DEG 19 MIN N; LCNG 67 DEG 40 MIN W; DEPTH 5128 M (ANAL. BUDD)													
SAMPLE	DEPTH	SIU2	TIU2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLOGY
387 1 6 76	40.1	52.80	0.82	20.80	9.09	0.15	2.37	0.46	1.06	2.87	0.18	1.32	ZEOLITIC CLAY
387 2 5 30	104.8	57.40	0.83	17.30	7.18	0.36	2.23	0.64	1.14	2.10	0.16	1.53	RADIOLARIAN MUD
387 3 2 78	138.9	58.70	0.81	17.60	5.56	0.06	2.35	0.57	1.01	2.00	0.14	1.87	RADIOLARIAN MUD
387 4 1 75	146.9	60.60	0.77	17.20	5.45	0.67	2.03	0.78	1.00	2.05	0.22	1.27	RADIOLARIAN MUD
387 6 3 60	163.7	58.60	0.69	14.70	6.69	0.39	2.15	1.06	1.61	2.85	0.28	1.06	RADIOLARIAN MUD
387 7 2 42	176.5	67.90	0.40	10.20	3.92	1.19	1.89	0.79	0.77	1.43	0.10	1.64	RADIOLARIAN MUD
387 7 6 43	182.5	71.10	0.40	8.87	3.32	0.13	1.64	0.67	0.88	1.35	0.14	1.66	RADIOLARIAN OOZE
387 8 2 58	186.3	72.10	0.41	8.76	3.84	0.29	1.72	0.70	0.88	1.28	0.16	1.60	RADIOLARIAN MUD
387 10 6 74	211.4	78.90	0.34	5.81	3.28	0.06	1.22	0.40	0.67	1.06	0.06	1.65	MUDDY RAD. OOZE
387 11 1 87	213.7	70.30	0.36	8.20	3.57	0.24	1.90	2.00	0.73	1.18	0.12	1.78	MUDDY RAD. OOZE
387 14 2 79	243.6	73.60	0.40	6.07	4.83	0.06	0.98	3.27	0.65	1.01	0.06	0.29	SILICEOUS CLAYSTONE
387 16 3 33	263.4	58.30	0.18	4.45	1.54	0.33	0.88	16.80	0.53	0.54	0.10	0.65	SILICEOUS CLAYSTONE
387 18 1 41	289.1	59.50	0.19	4.73	2.04	0.23	0.94	15.40	0.52	0.64	0.10	0.56	SILICEOUS CLAYSTONE
387 20 3 50	330.2	73.00	0.21	4.33	1.67	0.08	0.95	6.84	0.50	0.89	0.06	0.71	CLAYSTONE
387 21 2 4	347.2	71.10	0.36	6.67	2.61	0.36	1.72	0.78	1.03	1.54	0.18	0.72	RADIOLARIAN MUDSTONE
387 22 3 38LT	359.1	57.10	0.32	9.29	3.98	0.23	2.15	11.90	0.76	1.32	0.10	0.57	RADIOLARIAN MUDSTONE
387 23 2 47	376.3	86.70	0.16	5.32	0.86	0.26	0.94	0.63	0.63	0.67	0.08	0.59	CLAYSTONE
387 24 1 82DK	394.1	62.80	0.43	9.51	4.47	0.04	0.54	5.12	0.72	1.31	0.18	0.62	CLAYSTONE
387 26 3 65	415.9	81.30	0.32	6.68	1.89	0.04	0.99	0.77	0.69	1.14	0.12	0.63	CLAYSTONE
387 27 6 70	449.0	28.10	0.39	8.51	3.32	0.13	1.61	30.70	0.56	1.30	0.12	0.34	CALCAREOUS CLAYSTONE
387 25 4 75	474.7	53.20	0.84	21.20	9.48	0.58	1.79	1.02	0.76	3.37	0.41	0.42	CLAYSTONE
387 31 1 112G	503.6	69.80	0.60	12.30	5.65	0.02	1.79	0.77	1.26	1.88	0.20	0.44	GREEN CLAYSTONE
387 33 1 81	527.4	74.60	0.46	11.00	4.05	0.01	1.66	0.73	0.56	1.51	0.18	0.39	GREEN CLAYSTONE
387 34 1 126D	537.5	75.50	0.43	10.50	4.10	0.01	1.56	0.56	0.80	1.57	0.12	0.42	BLACK CLAYSTONE
387 37 4 80LT	579.6	79.60	0.42	9.09	3.43	0.02	1.41	0.56	0.78	1.60	0.14	0.31	GRAY CLAYSTONE
387 39 2 35DK	623.5	20.60	0.18	4.81	3.16	0.06	1.14	34.40	0.25	1.22	0.10	0.40	CHALK
387 41 1 64DK	641.2	33.30	0.29	6.54	4.70	0.06	1.45	23.90	0.27	1.78	0.12	0.37	LIMESTONE
387 44 1 111	673.8	3.80	0.0	0.96	0.63	0.06	0.46	53.70	0.02	0.19	0.04	0.36	LIMESTONE
387 46 2 106	723.6	9.40	0.08	1.79	1.29	0.04	8.63	37.90	0.11	0.42	0.08	0.21	LIMESTONE
387 48 1 37	764.6	23.10	0.19	4.92	4.96	0.02	2.27	30.80	0.26	1.47	0.14	0.26	LIMESTONE
387 49 2 71	784.6	19.90	0.18	2.92	2.94	0.04	7.03	31.60	0.27	1.25	0.06	0.12	LIMESTONE
387 49 5 0	788.4	8.10	0.02	3.09	0.81	0.09	0.88	54.30	0.08	0.34	0.08	0.24	LIMESTONE
SITE 391: LAT 28 DEG 14 MIN N; LCNG 75 DEG 37 MIN W; DEPTH 4564 M (ANAL. BUDD)													
SAMPLE	DEPTH	SIU2	TIU2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLOGY
391C 5 1 64	678.1	57.10	0.91	18.50	6.32	0.17	2.03	0.75	1.07	2.94	0.16	0.45	SILTY CLAYSTONE
391C 6 6 25	674.8	60.70	0.86	17.60	5.89	0.02	2.15	1.00	1.47	2.87	0.10	0.36	CLAYSTONE
391C 7 2 66	727.2	57.50	0.81	17.90	6.84	0.02	2.36	0.84	1.42	2.99	0.08	0.53	CLAYSTONE
391C 8 2 43	783.9	59.00	0.81	17.40	6.55	0.04	2.40	0.64	1.37	2.67	0.08	0.58	CLAYSTONE
391C 9 2 63	831.6	13.20	0.21	5.43	33.10	3.61	4.47	9.46	0.29	0.78	0.08	0.10	CLAYSTONE
391C 10 3 43	899.9	62.00	0.75	14.40	8.61	0.08	2.67	0.91	1.43	2.56	0.14	0.36	SILTY CLAYSTONE
391C 11 2 59	925.6	39.80	0.56	9.78	4.95	0.04	1.86	19.40	1.17	1.80	0.12	0.42	CALC. CLAYSTONE
391C 12 5 128	960.3	52.40	0.74	15.30	6.83	0.06	2.62	1.62	1.36	2.56	0.16	1.05	CLAYSTONE
391C 14 2 71	1002.7	50.50	0.75	10.20	3.79	0.06	2.06	13.90	1.47	1.94	0.14	0.20	LIMESTONE
391C 16 4 62	1024.6	22.20	0.28	6.30	2.42	0.04	1.79	34.40	0.63	1.01	0.08	0.26	LIMESTONE
391C 18 1 89	1039.4	23.40	0.35	7.14	2.98	0.06	1.89	28.80	0.75	1.30	0.08	0.22	LIMESTONE
SITE 417: LAT 25 DEG 7 MIN N; LCNG 68 DEG 3 MIN W; DEPTH 546E-5482 (WALLACE)													
SAMPLE	DEPTH	SIU2	TIU2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHCLOGY
417 1 3 30	3.3	51.80	0.80	19.70	8.21	0.65	2.51	0.84	1.23	3.12	0.20	2.06	NANNO CLAY
417B 1 3 74	3.7	52.40	0.80	20.10	7.67	0.56	2.73	0.69	1.19	3.15	0.21	2.07	NANNO CLAY
417A 1 3 70	3.7	51.60	0.80	20.50	7.30	1.68	2.49	0.69	1.07	2.38	0.23	1.09	NANNO CLAY
417A 1 6 70	3.2	52.50	0.84	20.40	8.12	0.56	2.27	0.50	1.11	3.12	0.25	1.74	NANNO CLAY
417A 2 2 127	11.3	52.50	0.80	20.00	7.32	0.70	2.48	0.58	1.69	3.13	0.26	1.00	CLAY
417A 3 2 104	20.5	52.60	0.83	20.70	7.75	0.56	2.15	0.50	1.07	2.99	0.22	1.50	CLAY
417A 5 2 22	33.7	52.20	0.79	20.10	8.06	0.17	2.54	0.55	1.03	2.63	0.28	1.48	CLAY
417A 5 2 61A	39.1	49.20	0.40	26.80	2.71	0.02	1.13	0.96	3.43	2.82	0.20	0.0	ZEOLITIC ASH BED
417A 6 3 38	43.5	52.30	0.81	19.90	7.57	0.70	2.75	0.69	0.99	2.41	0.33	1.62	CLAY
417A 8 3 21	68.7	52.30	0.93	21.30	7.35	0.37	2.50	0.54	0.99	2.27	0.20	1.33	CLAY
417A 9 3 62	73.6	52.30	0.79	20.60	7.44	0.30	2.85	0.64	1.01	2.38	0.28	1.28	CLAY
417A 10 3 62	83.1	52.10	0.80	20.10	7.45	1.05	3.02	0.65	1.00	2.48	0.23	1.19	CLAY
417A 11 5 54	100.5	53.20	0.79	20.50	6.61	0.69	2.19	0.65	1.22	2.30	0.28	1.04	CLAY



TABLE 3 - Continued

SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
417A 12 3 65	107.2	54.00	0.76	20.20	7.47	1.20	2.33	0.79	1.24	2.27	0.22	1.24	ZEOLITIC CLAY
417A 13 1 2	113.0	51.50	0.80	20.50	7.30	1.68	2.49	0.69	1.07	2.38	0.23	1.09	ZEOLITIC CLAY
417A 14 2 5	124.1	57.20	0.68	17.90	6.10	0.70	2.18	0.80	0.52	2.13	0.23	1.69	ZEOL. RAD. CLAY
417A 15 3 47	133.5	61.80	0.62	13.80	6.31	0.44	1.85	1.24	1.57	2.49	0.39	1.19	ZEOL. RAD. CLAY
417A 16 3 45	145.0	61.60	0.59	13.50	5.81	0.45	1.81	1.15	1.39	2.29	0.40	1.66	RAD. CLAY
417A 17 1 48	151.5	57.50	0.65	13.60	6.12	0.13	3.73	0.96	1.16	3.06	0.29	1.41	ZEOL. RAD. CLAY
417A 18 2 8	162.1	52.30	0.91	21.90	7.69	0.83	1.70	0.60	0.94	2.82	0.28	0.84	CLAY
417A 19 3 117	174.2	53.50	0.86	21.50	7.51	0.12	2.03	0.50	0.59	2.87	0.16	0.76	CLAY
417A 20 1 12	179.6	53.40	0.83	19.30	7.27	0.54	2.90	0.74	1.02	2.86	0.28	0.94	ZEOLITIC CLAY
417A 22 1 80	199.3	47.50	0.82	20.30	7.48	0.37	1.90	0.79	1.37	2.86	0.18	0.90	ZEOLITIC CLAY
417D 7 2 111	204.1	52.70	0.81	20.80	7.80	0.58	2.17	0.67	1.23	2.49	0.21	0.78	ZEOLITIC CLAY
417A 23 1 25	203.3	55.40	0.76	19.20	7.44	1.32	1.62	0.79	1.53	2.90	0.17	0.86	ZEOLITIC CLAY
417D 8 1 86DK	212.0	62.00	0.53	13.60	5.05	1.13	1.33	0.58	1.54	2.38	0.13	0.97	ZEOLITIC CLAY
417D 8 1 112	212.0	62.90	0.72	14.60	5.48	0.88	1.54	0.92	1.74	2.39	0.21	1.02	ZEOLITIC CLAY
417D 9 1 58DK	221.1	59.20	0.75	17.00	6.32	1.25	1.58	0.74	1.35	2.42	0.17	0.83	ZEOLITIC CLAY
417D 10 1 54	230.4	53.70	0.78	21.20	7.99	0.09	1.55	0.75	1.19	2.55	0.24	0.67	ZEOLITIC CLAY
417D 10 2 96DK	232.4	60.30	0.67	16.50	6.19	1.13	1.58	0.86	1.44	2.34	0.25	0.78	ZEOLITIC CLAY
417D 11 1 88	240.1	64.60	0.55	14.80	5.02	0.06	1.14	0.63	1.31	2.18	0.15	1.10	ZEOLITIC CLAY
417D 12 2 62	250.7	62.70	0.65	16.60	3.87	0.03	1.23	0.73	1.37	2.35	0.20	0.82	ZEOLITIC CLAY
417D 12 2 81	250.9	56.60	0.73	18.80	7.72	0.06	1.48	0.67	1.22	2.44	0.23	0.72	ZEOLITIC CLAY
417D 13 2 22	253.9	63.80	0.82	19.70	8.21	0.15	1.66	0.85	1.32	2.43	0.27	0.64	ZEOLITIC CLAY
417D 14 3 38	271.1	71.30	0.40	11.10	3.54	0.04	1.03	0.65	1.64	2.24	0.12	1.05	ZEOLITIC CLAY
417D 14 3 70R	271.4	59.70	0.61	16.90	6.92	0.07	1.50	0.71	1.77	2.84	0.12	0.68	ZEOLITIC CLAY
417D 15 1 40	277.7	63.30	0.49	13.60	6.19	0.10	1.74	0.89	2.02	3.12	0.13	0.72	ZEOLITIC CLAY
417D 16 1 86	287.7	55.50	0.57	15.00	6.31	1.43	3.88	1.39	1.36	2.93	0.18	0.64	ZEOL. DOL. CLAYSTONE
417D 17 1 26	296.6	17.70	0.11	2.98	1.24	0.31	0.93	40.20	0.35	0.53	0.15	1.12	GRAY MARL
417D 17 2 137	298.9	43.90	0.33	8.17	3.45	0.16	2.57	16.90	0.64	1.78	0.15	1.10	BLACK CLAYSTONE
417D 17 3 133	303.6	60.50	0.48	10.00	4.33	0.06	3.36	1.88	0.78	2.51	0.88	1.04	BLACK CLAYSTONE
417D 18 1 102D	306.9	60.80	0.49	11.50	5.30	0.04	4.61	0.69	0.67	2.34	0.12	1.25	BLACK CLAYSTONE
417D 18 2 26G	307.7	60.90	0.54	12.80	5.44	0.06	4.99	0.65	1.13	2.75	0.10	1.45	GREEN CLAYSTONE
417D 19 1 64G	316.0	77.00	0.28	7.38	3.75	0.03	1.64	1.09	0.70	1.84	0.41	0.38	GREEN CLAYSTONE
417D 20 1 25S	325.3	60.10	0.09	2.46	1.61	0.11	0.60	18.90	0.34	0.65	0.07	0.59	RAD. SAND
417D 20 1 73R	325.7	37.10	0.20	5.32	5.58	0.21	1.61	24.60	0.56	1.84	0.13	0.42	SILIC. CLAYSTONE
417D 20 2 108S	327.6	79.10	0.08	2.86	2.94	0.10	0.94	6.44	0.41	1.17	0.14	0.49	RAD. SAND
417D 21 2 23 R	345.7	67.30	0.36	7.89	6.58	0.04	2.55	1.53	0.47	3.86	0.09	0.72	SILIC. CLAYSTONE
417D 21 3 16G	347.2	20.80	0.19	3.92	3.47	0.32	1.30	37.20	0.35	1.63	1.77	0.58	GREEN CLAYSTONE
417D 21 3 87D	347.9	43.60	0.34	7.97	15.50	0.07	2.49	5.64	0.35	3.54	0.18	1.18	BLACK CLAYSTONE
417D 21 4 13	348.6	13.60	0.13	2.98	2.95	0.39	0.96	41.90	0.24	1.19	0.75	0.99	NANNO CHALK

SITE 418: LAT 25 DEG 2 MIN N; LONG 68 DEG 3 MIN W; DEPTH 5511 M (ANAL WALLACE)

SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
418A 8 1 141	197.9	52.00	0.84	20.10	8.14	0.99	2.58	0.52	0.94	2.90	0.24	0.85	CLAY
418A 10 1 92	273.4	51.10	0.44	5.76	4.88	0.04	2.48	0.59	0.70	2.43	0.31	1.09	CLAY
418A 12 1 131	292.8	18.20	0.11	3.67	2.60	0.31	1.05	37.90	0.34	0.92	0.11	0.79	CLAYEY NANNO OOZE
418A 12 2 26	293.3	21.00	0.14	4.26	3.10	0.30	1.30	35.10	0.42	1.04	0.15	0.61	CLAYEY NANNO OOZE
418A 13 1 66	331.7	44.00	0.34	7.47	6.94	0.23	2.28	16.30	0.56	2.55	0.11	0.62	NANNO CLAY
418A 13 2 8	302.6	64.90	0.45	9.60	10.50	0.06	2.96	0.47	0.79	3.52	0.11	0.82	CLAY
418A 13 2 115	303.7	64.50	0.51	10.10	6.22	0.06	2.60	3.07	0.67	3.53	0.09	0.66	CLAY

SITE 420: LAT 9 DEG 0 MIN N; LONG 106 DEG 7 MIN W; DEPTH 3388 M (ANAL TERRANA)

SAMPLE	DEPTH	SI02	TI02	AL203	FE203	MNO	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY
420 1 2 44	0.4	30.10	0.31	6.40	8.41	0.47	1.98	28.80	0.68	1.13	0.31	0.24	FCRAM-NANNO OOZE
420 1 2 133B	1.3	33.10	0.40	7.60	11.50	6.42	2.23	14.80	0.85	1.05	0.72	0.14	BROWN CLAY
420 2 3 10	7.6	37.90	0.39	7.40	11.80	1.56	2.54	19.30	1.04	1.41	0.45	0.23	FCRAM-NANNO OOZE
420 2 3 121B	8.7	27.30	0.38	6.80	9.96	5.20	1.73	25.80	0.69	0.88	0.60	0.25	BROWN CLAY
420 3 2 65	16.2	28.20	0.28	5.20	7.84	0.44	1.78	30.70	0.65	1.08	0.29	0.17	FCRAM-NANNO OOZE
420 4 3 45	27.0	36.10	0.38	7.00	7.88	0.93	2.43	22.30	0.86	1.30	0.40	0.17	NANNO OOZE
420 5 2 0	34.5	38.30	0.34	6.70	9.31	0.48	2.84	21.10	0.84	1.46	0.30	0.35	SILICEOUS NANNO OOZE
420 5 2 117	35.7	32.30	0.27	4.60	7.24	0.52	2.16	28.50	0.75	1.03	0.26	0.18	SILICEOUS NANNO OOZE
420 6 2 110	45.1	34.20	0.26	6.47	7.53	0.38	2.24	27.10	0.72	1.08	0.30	0.22	NANNO OOZE
420 7 2 75	54.3	46.30	0.39	7.20	10.80	1.10	3.80	10.70	0.92	1.41	0.41	0.36	SILICEOUS NANNO OOZE
420 7 2 130	54.8	25.00	0.17	3.81	8.05	0.68	2.03	34.30	0.65	0.90	0.29	0.33	SILICEOUS NANNO OOZE
420 8 3 52	65.0	33.70	0.20	3.00	6.77	1.84	1.57	28.10	0.67	0.81	0.29	0.42	SILICEOUS NANNO OOZE
420 9 3 50	74.5	41.60	0.28	5.60	9.85	1.75	3.03	16.90	0.56	1.20	0.30	0.36	SILICEOUS NANNO OOZE
420 10 3 56	84.1	37.60	0.26	5.20	11.10	1.73	3.29	18.00	0.68	1.29	0.34	0.19	SILICEOUS NANNO OOZE
420 11 2 55	92.1	25.20	0.16	4.20	3.58	0.55	1.11	39.70	0.91	1.23	0.16	0.13	SILICEOUS NANNO OOZE
420 12 1 24	101.2	26.70	0.14	3.62	5.41	0.30	1.45	38.20	0.89	1.33	0.33	0.13	SILIC. CLAYSTONE
420 12 1 128	103.8	28.50	0.22	3.50	6.37	0.54	1.76	32.60	0.66	1.02	0.21	0.32	NANNO OOZE
420 13 5 20	115.2	19.50	0.16	3.18	6.05	0.35	1.99	41.30	0.36	0.76	0.38	0.22	NANNO OOZE
420 13 5 123	116.2	41.60	0.30	4.70	14.10	0.15	4.02	15.40	0.75	1.89	0.27	0.13	NANNO OOZE



SITE 424: LAT 0 DEG 35 MIN N; LONG 86 DEG 8 MIN W; DEPTH 2688 M (ANAL TEKRANA)

SAMPLE	DEPTH	SIC2	TIU2	AL2C3	FE2C3	MNC	MGO	CAU	NA2C	K2O	P2O5	CL	LITHCLOGY			
424b	1	2	53	1.5	57.70	0.17	8.50	4.15	0.11	0.96	14.20	2.28	1.35	0.08	0.07	FGRAM NANNO OOZE
424	1	1	125C	1.3	47.00	0.10	0.82	28.40	7.82	3.73	0.77	1.13	2.51	0.10	0.07	FGRAM NANNO OOZE
424	1	1	125F	1.3	46.80	0.50	1.58	28.40	6.90	3.73	1.01	0.55	2.28	0.10	0.20	FGRAM NANNO OOZE
424A	1	1	128C	1.3	34.50	0.25	2.75	17.70	25.10	4.44	2.95	0.81	0.95	0.15	0.08	HYDRCTHERMAL DEPOSIT
424A	1	1	128F	1.3	29.50	0.28	5.86	5.84	16.90	3.41	14.70	0.55	0.76	0.17	0.25	HYDRCTHERMAL DEPOSIT
424B	2	3	13C	5.7	54.60	0.08	1.32	25.80	0.06	3.85	0.40	0.54	2.72	0.04	0.08	HYDRCTHERMAL DEPOSIT
424B	2	3	18F	6.7	53.60	0.07	2.92	27.00	0.10	3.92	0.94	0.18	2.21	0.07	0.42	HYDRCTHERMAL DEPOSIT
424B	2	3	128C	7.8	54.80	0.09	2.92	27.40	0.08	4.13	1.14	0.67	1.72	0.08	0.06	HYDRCTHERMAL DEPOSIT
424B	2	3	128F	7.8	53.60	0.35	7.90	17.50	0.14	3.79	3.63	0.92	1.72	0.15	0.19	HYDRCTHERMAL DEPOSIT
424	2	4	98C	15.0	50.50	0.10	1.11	25.60	0.14	4.19	1.04	0.80	3.45	0.10	0.08	HYDRCTHERMAL DEPOSIT
424	2	4	98F	15.0	42.60	0.08	2.46	28.80	0.26	3.86	11.20	0.48	2.13	0.10	0.27	HYDRCTHERMAL DEPOSIT
424	2	4	120C	15.2	31.40	0.06	2.72	13.70	0.26	3.12	24.10	0.27	1.04	0.08	0.04	HYDRCTHERMAL DEPOSIT
424	2	4	120F	15.2	25.50	0.14	3.28	9.25	0.22	2.63	27.40	0.24	0.62	0.11	0.13	HYDRCTHERMAL DEPOSIT
424A	2	2	6G	16.6	54.10	0.00	1.26	25.20	0.12	4.35	0.46	0.86	4.07	0.06	0.24	HYDRCTHERMAL DEPOSIT
424B	3	3	71C	16.7	52.20	0.02	1.36	28.00	0.08	4.80	2.83	0.78	2.89	0.06	0.09	HYDRCTHERMAL DEPOSIT
424B	3	3	71F	16.7	55.60	0.01	0.85	28.70	0.06	4.71	1.69	0.48	3.24	0.06	0.42	HYDRCTHERMAL DEPOSIT
424B	3	3	122	17.2	21.00	0.09	1.20	9.36	0.36	2.13	38.70	0.33	1.07	0.12	0.10	FGRAM NANNO OOZE
424A	3	1	130	17.8	9.50	0.10	1.80	2.48	0.44	1.23	52.60	0.30	0.26	0.10	0.53	FGRAM NANNO OOZE
424	3	1	34C	19.3	52.20	0.07	0.57	30.60	2.00	4.28	0.44	0.89	3.37	0.07	0.04	HYDRCTHERMAL DEPOSIT
424	3	1	34F	19.3	52.40	0.08	1.51	28.20	0.65	4.31	0.85	0.64	3.05	0.06	0.10	HYDRCTHERMAL DEPOSIT
424	3	1	78	13.8	28.80	0.19	4.23	9.64	0.24	2.67	26.60	0.63	0.89	0.10	0.20	FGRAM NANNO OOZE
424B	4	2	63	24.6	8.40	0.10	1.00	2.49	0.66	1.63	52.60	0.17	0.17	0.13	0.11	FGRAM NANNO OOZE
424A	3	2	90	25.9	5.66	0.02	1.17	1.33	1.18	1.37	49.20	0.19	0.15	0.15	0.05	FGRAM NANNO OOZE
424	4	4	55	33.6	11.60	0.11	2.20	2.35	0.20	0.86	45.50	0.25	0.35	0.12	0.16	FGRAM NANNO OOZE

SITE 425: LAT 1 DEG 24 MIN N; LONG 86 DEG 4 MIN W; DEPTH 2556 M (ANAL TERRANA)

SAMPLE	DEPTH	SIC2	TIU2	AL2C3	FE2C3	MNC	MGO	CAU	NA2C	K2O	P2O5	CL	LITHCLOGY			
425	1	2	68	2.2	25.60	0.17	4.06	2.89	0.35	1.44	38.90	0.72	0.55	0.14	0.54	SILICEOUS NANNO OOZE
425	2	3	80	9.3	14.60	0.08	2.21	1.69	0.27	0.91	51.00	0.43	0.35	0.13	0.22	SILICEOUS NANNO OOZE
425	3	1	68	25.2	22.00	0.14	3.75	2.54	0.22	0.91	43.30	0.56	0.52	0.14	0.17	FGRAM NANNO OOZE
425	3	2	65	26.7	24.30	0.15	3.55	2.65	0.23	1.35	40.80	0.76	0.54	0.14	0.77	SILICEOUS NANNO OOZE
425	4	2	45	43.5	19.00	0.10	2.14	1.80	0.19	0.57	48.40	0.47	0.35	0.11	0.37	SILICEOUS NANNO OOZE
425	5	3	2	65.5	17.50	0.06	2.52	1.45	0.18	1.07	50.50	0.47	0.29	0.11	0.26	SILICEOUS NANNO OOZE
425	5	3	110	65.6	19.30	0.13	3.05	1.81	0.18	1.22	47.90	0.66	0.43	0.09	0.43	SILICEOUS NANNO OOZE
425	6	2	52	74.0	19.40	0.20	3.40	3.02	0.15	2.56	39.40	0.50	0.55	0.20	0.33	FGRAM NANNO OOZE

VEOLCANIC ASH (ANAL. BUDD)

SAMPLE	DEPTH	SIC2	TIU2	AL2C3	FE2C3	MNC	MGO	CAU	NA2C	K2O	P2O5	CL	LITHCLOGY			
205	7	6	88	55.4	55.60	0.57	12.40	6.65	0.14	1.93	7.12	2.57	1.45	0.12	1.70	MINOR ASH
205	14	4	96	127.5	56.60	0.72	13.40	8.22	0.20	2.46	4.88	2.47	1.35	0.14	1.37	MINOR ASH
205	17	4	87	156.4	55.60	0.79	15.20	8.14	0.16	2.72	7.38	2.67	1.08	0.18	0.95	MINOR ASH
231	20	2	30	170.3	44.30	0.40	8.91	4.56	0.11	2.08	15.70	2.10	2.30	0.14	1.33	MINOR ASH
285	5	2	1	74.5	38.20	0.51	8.98	5.66	0.16	1.86	15.70	2.05	0.89	0.14	1.82	MINOR ASH
2E5A	1	1	93	131.9	54.20	0.81	14.40	5.82	0.20	3.18	5.32	2.14	0.93	0.16	0.88	MINOR ASH
286	4	1	97	55.5	38.70	0.84	14.50	13.00	1.07	5.41	4.86	1.72	1.27	0.46	2.28	MINOR ASH
296	18	1	111	159.6	29.70	0.36	8.49	3.49	0.12	1.08	27.40	1.41	1.15	0.11	0.97	MINOR ASH
296	28	4	42	258.4	28.90	0.35	9.25	4.44	0.19	1.15	27.30	1.15	0.89	0.13	1.15	MINOR ASH
53.0	3	1	19	137.0	56.20	0.84	15.30	8.89	0.15	3.30	5.96	2.64	0.89	0.22	0.61	TRACE ASH
53.0	4	1	104	165.0	42.30	1.00	13.40	11.40	0.08	4.29	2.24	1.81	2.77	0.07	0.89	TRACE ASH
205	8	5	128	63.3	48.60	0.90	14.30	9.75	0.20	3.59	12.30	2.22	0.88	0.18	0.62	TRACE ASH
205	12	1	78	104.8	51.70	0.78	13.00	5.66	0.24	3.30	7.25	2.22	1.33	0.16	1.28	TRACE ASH
205	29	3	98	323.0	55.60	0.69	12.40	8.07	0.20	5.88	1.92	2.34	0.68	0.08	0.33	TRACE ASH
207A	26	2	105	284.6	46.10	0.36	8.76	3.87	0.02	2.07	15.90	1.73	2.15	0.21	1.18	TRACE ASH
286	2	6	77	24.8	47.90	0.78	15.30	10.10	0.64	4.14	3.83	2.75	1.55	0.29	2.51	TRACE ASH
286	3	4	38	40.4	44.20	0.91	14.40	10.80	0.68	4.81	2.82	2.28	1.50	0.28	2.95	TRACE ASH
292	13	3	124	115.2	11.90	0.11	3.16	1.61	0.12	0.74	42.40	0.70	0.67	0.10	0.82	TRACE ASH
296	35	6	23	327.8	16.60	0.17	4.33	2.73	0.21	0.91	36.80	0.61	0.46	0.11	0.83	TRACE ASH
36	12	6	0	109.5	36.10	0.93	11.50	9.55	0.20	5.32	16.60	1.72	1.04	0.16	1.92	NC DIAG. ASH
84	4	4	0	31.9	41.10	0.61	11.40	5.78	0.42	2.27	11.00	1.42	1.05	0.13	3.02	NC DIAG. ASH
84	7	2	65	57.3	40.40	0.51	10.40	4.92	0.27	1.80	14.20	1.32	1.11	0.14	2.74	NC DIAG. ASH
158	2	5	29	15.3	58.10	0.80	15.30	3.89	0.68	1.19	5.23	4.13	3.75	0.34	1.02	NC DIAG. ASH
171	25	6	9	322.6	34.90	1.10	8.90	8.59	0.02	3.05	16.50	0.96	2.85	1.60	0.71	NC DIAG. ASH
205	11	3	118	99.2	68.20	0.50	11.10	6.12	0.12	1.40	2.62	3.46	2.23	0.18	0.94	NC DIAG. ASH
205	24	4	98	279.5	60.50	0.20	12.70	3.03	0.22	1.68	4.93	2.65	3.32	0.12	1.08	NC DIAG. ASH
205	29	1	83	319.8	27.50	0.24	5.50	8.75	2.90	1.87	23.20	1.11	1.03	0.39	1.03	NC DIAG. ASH
220	14	2	106	252.6	18.60	0.12	1.40	0.51	5.80	0.45	33.90	0.30	0.15	0.10	1.23	NC DIAG. ASH
236	23	4	136	210.0	40.10	0.48	10.20	6.13	0.16	2.75	14.60	1.18	0.92	0.38	1.71	NC DIAG. ASH



SAMPLE	DEPTH	STU2	TU2	AL2O3	FE2O3	MNC	MGO	CAO	NA2O	K2O	P2O5	CL	LITHOLOGY		
57.1	3 1	89	318.0	38.40	1.24	5.30	7.25	0.12	2.41	22.50	2.71	0.86	0.29	1.10	CRYSTAL-VITRIC ASH
57.1	3 2	32	317.9	43.10	1.28	11.70	8.02	0.16	1.85	9.70	3.34	1.57	0.38	0.86	CRYSTAL-VITRIC ASH
53.1	3 5	125	63.0	58.20	0.67	15.30	7.99	0.21	2.10	5.81	3.50	1.38	0.24	0.87	CRYSTAL-VITRIC ASH
60.0	2 2	54	63.0	57.20	0.58	15.00	7.15	0.16	2.23	7.30	2.74	1.52	0.17	0.84	CRYSTAL-VITRIC ASH
60.0	3 2	122	131.9	56.30	0.81	15.30	5.24	0.18	2.65	7.36	2.58	1.58	0.30	0.32	CRYSTAL-VITRIC ASH
60.0	4 1	102	135.4	53.20	0.78	15.90	5.58	0.16	3.03	8.93	2.26	1.20	0.23	0.47	CRYSTAL-VITRIC ASH
60.0	8 2	116	345.6	51.10	1.00	13.90	14.00	0.22	3.81	7.77	2.24	0.90	0.22	0.69	CRYSTAL-VITRIC ASH
60.0	5 3	95	350.9	55.40	0.90	15.50	8.59	0.16	3.03	7.29	2.79	1.05	0.20	0.46	CRYSTAL-VITRIC ASH
65.0	14 6	119	401.7	34.40	0.28	2.88	2.54	0.27	1.47	31.80	0.88	0.68	1.08	1.40	CRYSTAL-VITRIC ASH
205	20 1	2	178.0	57.00	0.77	13.90	7.52	0.18	2.18	6.99	2.95	1.09	0.20	1.39	CRYSTAL-VITRIC ASH
218	8 2	117	136.7	65.20	0.16	11.30	1.23	0.05	0.33	5.84	3.31	4.00	0.08	0.68	CRYSTAL-VITRIC ASH
285A	2 1	20	137.2	45.50	0.65	11.50	8.88	0.15	2.45	8.06	2.74	0.79	0.11	0.84	CRYSTAL-VITRIC ASH
285A	3 2	112	246.6	53.00	0.77	13.40	9.38	0.16	2.53	7.60	2.56	0.85	0.16	0.61	CRYSTAL-VITRIC ASH
286	1 2	92	2.3	47.10	0.71	14.30	5.93	0.27	4.33	7.95	2.62	1.09	0.23	2.26	CRYSTAL-VITRIC ASH
292	38 1	119	349.7	49.30	2.81	13.20	10.40	0.11	4.43	11.00	2.83	0.98	0.40	0.50	CRYSTAL-VITRIC ASH
296	1 4	131	3.8	56.00	1.03	13.40	7.12	0.17	2.02	7.53	2.93	1.63	0.19	1.14	CRYSTAL-VITRIC ASH
256	54 3	70	627.7	49.50	0.70	17.20	9.78	0.10	5.67	8.64	2.11	0.45	0.15	0.40	CRYSTAL-VITRIC ASH
296	56 6	98	699.0	50.20	0.74	17.60	8.55	0.08	5.94	7.17	2.27	0.37	0.17	0.32	CRYSTAL-VITRIC ASH
146	39 2	76 A	721.0	48.30	1.60	13.60	12.50	0.08	8.40	4.10	3.50	0.95	0.12	0.12	***** BASALTIC ASH
146	35 2	76 B	721.0	53.50	1.15	11.10	10.10	0.09	6.40	4.40	2.25	2.30	0.16	0.16	***** BASALTIC ASH
146	39 2	125	722.0	47.70	1.56	11.10	11.10	0.15	6.78	7.20	1.94	1.20	0.14	0.15	BASALTIC ASH
151	13 2	67	378.2	53.60	0.82	12.90	12.40	0.05	3.37	0.78	1.49	7.26	0.04	0.04	BASALTIC ASH
153	17 1	121	741.2	48.70	0.85	12.50	8.00	0.04	5.50	7.00	2.50	0.70	0.12	0.0	BASALTIC ASH
153	18 3	10	752.1	41.70	0.93	10.30	10.00	0.17	6.35	9.83	1.83	3.21	0.08	0.0	BASALTIC ASH
253	24 4	106	220.6	38.80	0.57	11.60	6.50	0.26	6.15	13.80	1.81	0.97	0.08	0.19	BASALTIC ASH
253	31 3	92	232.9	47.00	1.23	12.10	11.20	0.06	7.93	7.46	1.71	0.56	0.12	0.58	BASALTIC ASH
253	40 2	109	367.1	39.10	1.39	9.30	14.90	0.10	4.94	11.00	1.68	3.03	0.52	0.58	BASALTIC ASH
253	45 6	84	423.3	43.30	2.16	10.90	13.30	0.08	6.93	7.31	1.57	2.15	0.36	0.49	BASALTIC ASH
253	54 5	61	501.1	47.60	0.72	14.00	9.30	0.10	9.23	3.93	3.03	0.42	0.08	0.65	BASALTIC ASH
289	131 1	146	1232.5	19.10	0.28	4.91	2.68	0.06	1.55	34.60	0.43	1.33	2.21	0.33	BASALTIC ASH
296	41 3	47	383.5	53.40	0.99	16.40	10.20	0.17	2.43	7.88	2.91	0.97	0.23	0.49	BASALTIC ASH
346	4 5	127	32.8	44.10	1.54	10.50	22.90	0.17	2.23	2.14	1.69	2.63	0.73	0.56	BASALTIC ASH
348	6 4	64	71.1	56.50	2.16	11.30	11.20	0.15	2.63	5.75	2.72	1.67	0.26	0.53	BASALTIC ASH
348	7 5	60	82.1	50.20	3.03	13.10	13.00	0.17	4.66	5.07	2.36	0.61	0.28	0.88	BASALTIC ASH
346	8 5	43	63.9	62.20	1.60	11.70	8.65	0.13	1.66	3.87	2.69	2.17	0.24	0.42	BASALTIC ASH
167	66 1	97	899.0	53.80	0.89	8.70	5.69	0.06	11.40	2.76	2.13	0.98	0.12	0.39	ZECLITIC BASALT

Note: Given are Site, Core, and Section numbers, and the top of the interval in centimeters. Letters following the interval number are as follows:

D or DK = Dark sediment.

L or LT = Light sediment.

YL = Yellow.

G or GN = Green.

R or RD = Red.

B or BR = Brown.

A = Volcanic ash.

S = Sandy or silty layer; this letter is used also for samples analyzed by G. Faure and C. Nardone for strontium isotopes (Site 379).

F or FRAG = Isolated fragment.

\* = Volcanic ash from Site 292 with authigenic glaucophane.

C,F = Coarse and fine sieved separates (320 mesh) from Sites 420, 424, and 425.

T,B = Top and bottom of fragment from Site 323 samples.

#1, #2, etc. = Individual fragments from Site 323.

1,2,3 = Individual fragments from Site 322.

A,B = Different samples from same depth, Sites 146 and 147.

\*\*\*\*\* = For an oxide value, means not determined.