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COMPILATION OF SEABED SAMPLE DATA FROM THE SCOTIAN SHELF,
THE WESTERN GRAND BANKS OF NEWFOUNDLAND AND ADJACENT AREAS

by

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This report represents a compilation of seabed sample data collected by the Atlantic Geoscience Centre (AGC), Bedford Institute of Oceanography, from 1964 to 1973 inclusive, for the purpose of mapping the surficial sediments of the Scotian Shelf, Western Grand Banks of Newfoundland and proximal areas. Samples were originally collected in a grid pattern over the region, and later to groundtruth previously collected acoustic signatures on echogram and high resolution seismic reflection profiles. This compilation was designed for two purposes: (1) to catalogue basic sample data from available information sources. Such a compilation has become increasingly desirable due to a high demand for access to this type of information, and (2) to compile the data in a compatible format with existing computer sample data files in an attempt to facilitate data entry and retrieval.

The resulting report incorporates measured parameters from more than 4000 seabed samples. Site specific sample information has been compiled from AGC field sheets, cruise logs, navigation plots, grainsize analyses, Hydrographic charts, and surficial sediment maps interpreted from analysis of the samples and acoustic data. All data were tabulated and entered into the Sample Inventory Data base (SID), a sample file system which permits the management, manipulation and curation of all samples collected by or for AGC staff. Some additional sample information for the study area was available in SID and has been incorporated into this report. See figure 1 for the sample distribution.

ORGANIZATION OF DATA

Samples and their respective collection cruises have been compiled and ordered chronologically. The compiled sample information includes sample station position, sample type, and an interpretation of the surficial formation which the sample represents as defined by King and Fader, 1986. Sample parameters for cruises in this report vary considerably because (1) collecting scientists often placed emphasis on different parameters at each sample station; (2) an increase in sophistication occurred with respect to curation procedures and

information reporting during the sampling period; (3) a wide variety of follow-up testing was undertaken in the lab; and (4) there was varying accessibility of these additional results.

Information from the collection cruises, such as cruise number, senior scientist and sample type, is outlined on each page header. Within the table, information is recorded for the sample station (latitude and longitude, water depth in metres, date and Greenwich Mean Time of collection), the sample (type and visual description) and grain size information (textural analyses and statistical results). For specific cruises more detailed descriptions of textures and lithologies were conducted and have also been tabulated. Appendix 1 itemizes the headings and abbreviations used in this report.

Van Veen bottom grabs constitute over 90% of the station activities: the remainder comprise piston cores, camera stations and dredges. To aid in identification of the sample types, symbols have been placed in the margins beside samples other than the Van Veen grabs.

CA - camera station (seabed photograph)

PC - piston core

DR - dredge

The culmination of the overall sampling program was the generation of surficial geology maps, derived principally from sample information and acoustic profiles. For this report, these surficial sediment maps were used to determine the formation classification of the samples as described by King and Fader (1986), and summarized in Table 1.

Despite an exhaustive search of field records, laboratory files and the AGC Sample Inventory Data base, some sample information could not be located. As information becomes available it can be readily entered into this report and the Sample Inventory Data Base accordingly.

ACKNOWLEDGEMENTS

The sampling program was initiated in 1963 by L.H. King as part of a surficial mapping program of the southeast Canadian continental shelf. Primary collection information has been documented by many scientists and technicians for the period of collection. In particular, the assistance of B. MacLean, G. Drapeau, H. Josenhans, D. Clattenburg, and V. Coady is gratefully appreciated. The Data Section and marine technicians of the Program Support Subdivision at AGC provided much assistance and guidance. The initial compilation phase of the project was supported under a federal sponsored employment program through Geomarine Ltd.

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TABLE I - TABLE OF QUATERNARY FORMATIONS

<u>AGE</u>	<u>FORMATION</u>	<u>LITHOSTRATIGRAPHY</u>	<u>THICKNESS</u>
H O	LaHave Clay	Greyish brown, soft, silty clay grading to clayey silt, confined mainly to basins and depressions of shelf. Derived by winnowing of glacial sediments on banks and transported to basins. Time equivalent of Sable Island Sand and Gravel and Sambro Sand on banks.	0-70m
L O C E N	Sable Island Sand & Gravel	Fine to coarse, well-sorted sand grading to sub-rounded to rounded gravels. Unconformably overlies Emerald Silt and Scotian Shelf Drift, and derived from these deposits through reworking during Holocene transgression above 120m present depth. Time equivalent of LaHave Clay in basins.	0-50m generally veneer
E	Sambro Sand	Silty sand grading locally to gravelly sand and well-sorted sand. Deposited sublittorally with respect to the Pleistocene shoreline 120m below present depth. Time equivalent to basal LaHave Clay and upper Emerald Silt, facies B.	0-20m generally veneer
P L	Emerald Silt, facies C	Not well sampled.	0-100m
E I	Emerald Silt, facies B	Dark greyish brown, poorly sorted clayey and sandy silt with some gravel. Poorly developed rhythmic banding; proglacial in origin.	0-40m
S T O C	Emerald Silt facies A	Dark greyish brown, poorly sorted clayey and sandy silt, some gravel. Well developed rhythmic banding; subglacial in origin. Time equivalent to parts of Scotian Shelf Drift.	0-100m
E N E	Scotian Shelf Drift	Very dark greyish brown, cohesive glacial till comprising poorly sorted sandy clay and silt with variable gravel.	0-100m

APPENDIX 1 - LIST OF ABBREVIATIONS

<u>PARAMETER</u>	<u>ABBREVIATION</u>	<u>REFERENCE</u>	<u>RELEVANT CRUISES</u>
Surficial Sediment Type	SIS ₁	Sable Island Sand and Gravel	64-001 68-217/230
	LC	LaHave Clay	64-019 69-019
	SS	Sambro Sand	65-008 71-014
	ES	Emerald Silt	66-004 73-006
	SSD	Scotian Shelf Drift	67-009 73-029 73-003
Gravel Roundness	well	well-rounded	73-006
	mod	moderately-rounded	73-029
	ang	angular	73-003
Sand Roundness	rnd	rounded	
	sub-rnd	sub-rounded	73-006
	ang	angular	73-029
Rock Analysis	ss	sandstone	71-014
	msecs	metasediments	
	acid vol	acid volcanics	
Lithologies	vol	volcanics	73-003
	sed	sedimentary rocks	
	gr	granite	
	met	metamorphic rocks	
	ss	sandstone	
	qtz	quartz	
fsp	feldspar		

ERRATA

For some of the samples in the compilation, the percentages of gravel, sand, silt, and clay do not equal 100%. These errors occurred at the time of analysis of the samples, either from rounding off the component percentages, or through incomplete analysis of all size fractions. As the correct values cannot be determined, the original values are included in this report. The following is a list of the samples where the combined percentages are incorrect by more than one percent:

<u>Cruise</u>	<u>Sample Number</u>
64-001	121
	149
	283
	321
	455
	815
	842
	856
	895
	919
	1128
	1139
	1151
	1204
	1219
1223	
1352	
64-019	80A
	83A
68-217/230	9
	183
	288
	414

NOTE: For Cruise 64-001, 65-008, and 66-004, the sample sediment percentages are expressed in decimal percent; for the remainder of the cruises they are expressed as actual percentages.

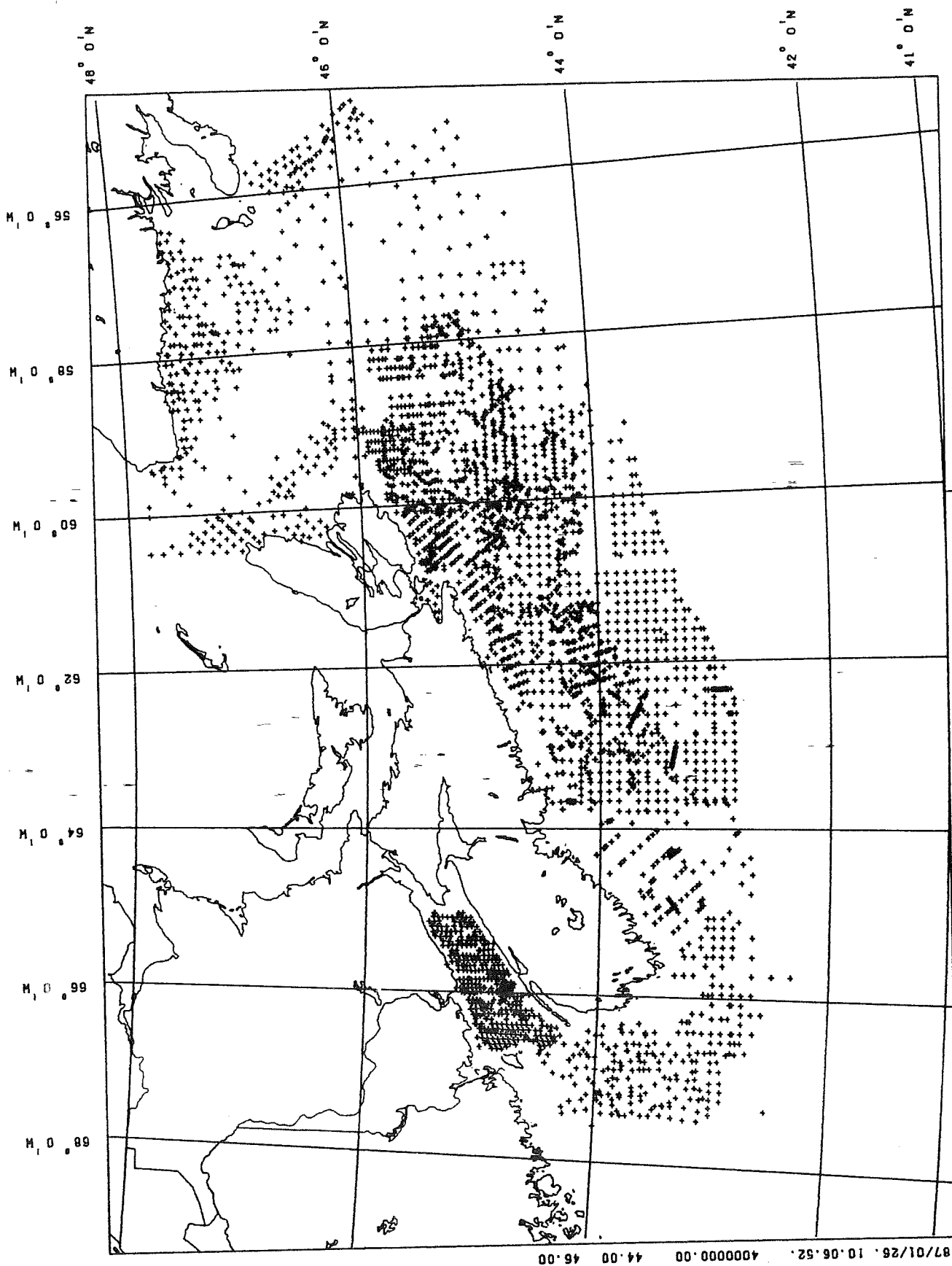


FIGURE 1
 Index map showing the regional distribution of seabed samples collected on the continental shelf off southeastern Canada for the mapping of the surficial sediments.

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
75SACKVILLE 001		092	43°32.92'N	62°59.42'E	WEST OF EMERALD BANK	100 FATHOMS	1963	MEDIUM SAND NO SHELLS	B64 273	0.00	0.95	0.02	0.03	2.70	2.40	2.90	0.25
75SACKVILLE 002		093	43°37.60'N	63°06.50'E	EMERALD BASIN	133 FATHOMS	1963	BROWN CLAY NO WORMS OR SHELLS		0.00	0.03	0.39	0.58	8.80	6.70	11.30	2.30
75SACKVILLE 003		094	43°41.50'N	63°11.00'E	SABRO BANK	120 FATHOMS	1963	BROWN CLAY WITH SOME SILT	B64 324	0.02	0.46	0.29	0.23	4.10	3.10	7.70	2.30
75SACKVILLE 004		095	43°53.00'N	63°05.42'E	SABRO BANK	90 FATHOMS	1963	BROWN SILT AND CLAY NO SHELLS OR WORMS		0.01	0.60	0.26	0.13	3.50	2.60	4.70	1.05
75SACKVILLE 005		096	43°47.58'N	63°02.83'E	EMERALD BASIN	150 FATHOMS	1963	BROWN CLAY NO SHELLS OR WORMS		0.00	0.02	0.34	0.64	9.10	7.20	10.90	1.85
75SACKVILLE 006		097	43°43.00'N	63°05.42'E	EMERALD BASIN	135 FATHOMS	1963	BROWN CLAY NO SHELLS OR WORMS		0.00	0.02	0.38	0.60	8.70	6.90	10.70	1.90
75SACKVILLE 007		098	43°40.08'N	62°52.25'E	EMERALD BASIN	120 FATHOMS	1963	BROWN CLAY NO SHELLS OR WORMS		0.00	0.22	0.55	0.11	4.90	4.00	9.20	2.60
75SACKVILLE 008		099	43°36.83'N	62°48.50'E	EAST OF EMERALD BASIN	82 FATHOMS	1963	MEDIUM SAND A FEW SHELLS AND WORMS		0.00	0.91	0.05	0.04	3.20	2.70	3.10	0.50
75SACKVILLE 009		100	43°44.67'N	62°46.00'E	EAST OF EMERALD BASIN	108 FATHOMS	1963	SILT AND CLAY		0.00	0.24	0.48	0.28	4.80	4.10	7.70	1.80
DR 75SACKVILLE 010		101	43°48.17'N	62°50.92'E	EMERALD BASIN	137 METRES	1963	CLAY SOME SILT A FEW WORMS	B64 325	0.00	0.00	0.03	0.38	8.70	6.80	10.80	2.00
DR 75SACKVILLE 011		102	43°52.08'N	62°54.83'E	EMERALD BASIN	140 FATHOMS	1963	CLAY SOME SILT	B64 326	0.00	0.02	0.30	0.70	9.30	7.60	11.40	1.90
75SACKVILLE 012		103	43°58.00'N	63°02.50'E	EMERALD BASIN	120 FATHOMS	1963	CLAY SOME SILT	B64 327	0.00	0.00	0.01	0.32	9.60	7.50	11.90	2.20
75SACKVILLE 013		104	44°02.75'N	63°09.17'E	SABRO MORAINNE	137 METRES	1963	ROCKS UP TO 3" DIAMETER GRAVEL SAND AND MUD	B64 328	0.06	0.81	0.06	0.07	2.80			
64001	014	001	44°05.00'N	63°45.00'E	SCOTIAN SHELF	162 METRES	1964	BOTTLE SAMPLE ?	B64 426	0.00	0.06	0.55	0.39				
64001	015	002	44°03.08'N	63°40.25'E	NORTH OF LAHAVE BASIN	182 METRES	1964	BOTTLE SAMPLE ?	B64 432	0.00	0.00	0.20	0.43	6.50	4.25	9.40	2.57
64001	016	003	44°05.17'N	63°38.33'E	NORTH OF LAHAVE BASIN	175 METRES	1964	BOTTLE	B64 427	0.00	0.02	0.51	0.47	7.80	6.00	9.50	1.75

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
64001	017	004	44°05.00'N	63°32.67'W	NORTH OF LAHAVE BASIN	167 METRES	1964	BOTTLE	B64 443	0.00	0.19	0.49	0.32	5.90	4.10	8.75	2.33
64001	018	005	44°05.08'N	63°25.58'W	NORTH OF LAHAVE BASIN	182 METRES	1964	BOTTLE	B64 458	0.08	0.51	0.23	0.18	3.20	1.70	7.30	2.81
64001	019	006	44°05.17'N	63°18.50'W	LAHAVE BASIN	200 METRES	1964	NO BOTTLE	B64 418	0.00	0.01	0.42	0.57	8.70	6.60	11.20	2.30
64001	020	007	44°05.08'N	63°11.17'W	NORTH OF SAMBRO BANK	154 METRES	1964	2 PEBBLES IN 3 GRABS BOTTLE									
64001	021	008	44°05.00'N	63°04.08'W	NORTH OF SAMBRO BANK	183 METRES	1964	SMALL SAMPLE BOTTLE 12 GMS OF PEBBLES	B64 359	0.38	0.50	0.05	0.07	0.20	-4.00	2.30	3.15
64001	022	009	44°05.00'N	62°57.75'W	EMERALD BASIN	220 METRES	1964		B64 403	0.00	0.02	0.33	0.65	8.90	7.30	10.60	1.65
64001	023	010	44°05.00'N	62°50.75'W	EMERALD BASIN	240 METRES	1964	BOTTLE	B64 363	0.00	0.01	0.30	0.70	9.30	7.60	11.10	1.75
64001	024	011	44°04.83'N	62°44.17'W	EMERALD BASIN	220 METRES	1964	BOTTLE	B64 415	0.00	0.02	0.43	0.55	8.40	6.50	11.00	2.25
64001	025	012	44°04.92'N	62°37.17'W	EAST OF EMERALD BASIN	159 METRES	1964	FULL ANALYSIS 2 CONTAINERS 2 DROPS	B64 394	0.02	0.73	0.17	0.08	2.70	1.70	4.00	1.15
64001	026	013	44°05.00'N	62°30.25'W	EAST OF EMERALD BASIN	161 METRES	1964	OPEN ON FIRST NO BOTTLE FULL ANALYSIS		0.00	0.01	0.48	0.51	8.10			
64001	027	014	43°59.00'N	62°30.25'W	EAST OF EMERALD BASIN	110 METRES	1964	BOTTLE	B64 413	0.11	0.89	0.00	0.00	0.30	-0.40	1.00	0.70
64001	028	015	44°00.08'N	62°37.25'W	EAST OF EMERALD BASIN	180 METRES	1964	NO BOTTLE	B64 391	0.00	0.30	0.52	0.18	4.70	3.80	6.70	1.45
64001	029	016	44°00.08'N	62°37.25'W	EMERALD BASIN	224 METRES	1964	NO BOTTLE	B64 423	0.00	0.02	0.40	0.58	8.70	6.60	11.00	2.20
64001	030	017	44°00.10'N	62°50.80'W	EMERALD BASIN	258 METRES	1964	BOTTLE	B64 416	0.00	0.01	0.32	0.67				
64001	031	018	44°00.00'N	62°57.59'W	EMERALD BASIN	240 METRES	1964		B64 380	0.00	0.01	0.41	0.58	8.50	7.30	9.80	1.25
64001	032	019	44°00.00'N	63°04.25'W	EMERALD BASIN	221 METRES	1964	BOTTLE	B64 428	0.00	0.02	0.35	0.63	8.60	7.20	9.90	1.35
64001	033	020	44°00.00'N	63°11.17'W	WEST OF EMERALD BASIN	180 METRES	1964		B64 346	0.16	0.46	0.16	0.22	2.60	0.10	7.60	3.75
64001	034	021	44°00.00'N	63°18.50'W	EAST OF LAHAVE BASIN	160 METRES	1964	GLACIAL TILL? LARGE ROCKS IN SEDIMENT	B64 417	0.13	0.61	0.13	0.13	2.00	0.30	4.00	1.85
64001	035	022	44°00.00'N	63°25.50'W	LAHAVE BASIN	199 METRES	1964			0.00	0.02	0.40	0.58	9.60	6.50	10.30	1.90
64001	036	023	44°00.00'N	63°32.42'W	SCOTTIAN SHELF	214 METRES	1964		B64 424	0.00	0.07	0.35	0.58	8.50	6.30	9.90	1.80
64001	037	037	44°00.00'N	63°39.00'W	NORTH OF LAHAVE BASIN	188 METRES	1964		B64 381	0.00	0.04	0.53	0.43	7.60	5.60	9.90	2.15

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
64001	038	025			SCOTTIAN SHELF	198 METRES	1964	GRAIN SIZE 16 AND 38 ADDED	B64 439	0.00	0.00	0.47	0.53				
64001	039	026			SCOTTIAN SHELF	190 METRES	1964		B64 461	0.00	0.59	0.18	0.23	3.20			
64001	040	027	43°55.08'N	63°39.08'W	SCOTTIAN SHELF	232 METRES	1964		B64 404	0.00	0.02	0.31	0.67	9.20	7.30	11.00	1.85
64001	041	028	43°55.20'N	63°32.50'W	LAHAVE BASIN	223 METRES	1964		B64 438	0.00	0.02	0.35	0.63	8.80	7.30	10.50	1.60
64001	042	029	43°55.25'N	63°25.40'W	LAHAVE BASIN	205 METRES	1964		B64 360	0.00	0.09	0.46	0.45	7.40			
64001	043	030	43°55.29'N	63°18.50'W	EAST OF LAHAVE BASIN	137 METRES	1964		B64 429	0.00	0.64	0.28	0.08	3.50			
64001	044	031	43°55.08'N	63°11.42'W	NORTH OF SAMBRO BANK	132 METRES	1964		B64 429	0.00	0.83	0.10	0.07	2.90	2.30	3.70	0.71
64001	045	032	43°55.08'N	63°05.33'W	WEST OF EMERALD BASIN	148 METRES	1964		B64 407	0.06	0.81	0.06	0.07	2.30	1.40	3.00	0.80
64001	046	033	43°55.25'N	63°03.33'W	WEST OF EMERALD BASIN	234 METRES	1964	2 CONTAINERS; ROCKS	B64 471	0.02	0.60	0.15	0.23	3.10	1.80	7.70	2.95
64001	047	034	43°55.17'N	62°57.83'W	EMERALD BASIN	269 METRES	1964	ONE BIG GRANITE	B64 431	0.00	0.02	0.30	0.68	9.30	7.60	11.00	1.70
64001	048	035	43°55.20'N	62°57.60'W	EMERALD BASIN	260 METRES	1964	ONE BIG GRANITE	B64 435	0.00	0.01	0.33	0.66	9.10	7.30	10.80	1.75
64001	049	036	43°55.17'N	62°44.08'W	EMERALD BASIN	246 METRES	1964		B64 425	0.00	0.02	0.44	0.54	8.40	6.40	10.70	2.15
64001	050	037	43°55.08'N	62°37.17'W	EAST OF EMERALD BASIN	190 METRES	1964		B64 437	0.00	0.02	0.70	0.23	5.40	4.60	7.60	1.50
64001	051	038	43°55.00'N	62°30.17'W	EAST OF EMERALD BASIN	146 METRES	1964		B64 447	0.00	0.52	0.37	0.11	4.00			
64001	052	039	43°50.00'N	62°30.00'W	NORTH OF EMERALD BANK	161 METRES	1964		B64 434	0.00	0.13	0.75	0.12	4.70			
64001	053	040	43°50.00'N	62°37.25'W	EAST OF EMERALD BASIN	179 METRES	1964	2 CONTAINERS	B64 392	0.00	0.15	0.73	0.12	4.60	4.10	5.40	0.65
64001	054	041	43°50.00'N	62°44.25'W	EMERALD BASIN	205 METRES	1964	SOUNDER OUT CHANGE TO BRIDGE GAP	B64 433	0.00	0.03	0.65	0.32	7.40			
64001	055	042	43°47.00'N	62°57.60'W	EMERALD BASIN	267 METRES	1964		B64 436	0.00	0.02	0.31	0.67	9.10	7.50	10.80	1.65
64001	056	043	43°50.00'N	62°57.75'W	EMERALD BASIN	265 METRES	1964		B64 454	0.00	0.01	0.30	0.69	9.10	7.20	10.80	1.80
64001	057	044	43°49.92'N	63°02.25'W	EMERALD BASIN	267 METRES	1964		B64 444	0.00	0.49	0.20	0.31	4.20	2.70	8.80	3.05
64001	058	045	43°49.92'N	63°03.67'W	NE OF SAMBRO BANK	192 METRES	1964		B64 476	0.08	0.62	0.16	0.14	3.20	1.80	4.50	1.35
64001	059	046	43°50.00'N	63°11.42'W	SAMBRO BANK	93 METRES	1964	LARGE PEBBLES NOT COMPUTED IN G/SIZE	B64 478	0.89	0.10	0.00	0.00				

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
64001	060	047	43°50.00'N	63°18.17'W	NORTH OF SAMBRO BANK	130 METRES	1964	2 CONTAINERS		0.01	0.59	0.32	0.08	3.80	3.20	4.50	0.65
64001	061	47A	43°47.17'N	63°22.00'W	NORTH OF SAMBRO BANK	110 METRES	1964	DATA G/S MISSING									
64001	062	048	43°50.00'N	63°25.50'W	NORTH OF SAMBRO BANK	157 METRES	1964		B64 446	0.01	0.78	0.13	0.08	3.20	2.40	3.90	0.75
64001	063	049	43°50.00'N	63°30.50'W	LAHAVE BASIN	236 METRES	1964		B64 440	0.00	0.02	0.32	0.66	9.10	7.40	10.80	1.70
C 64001	064	050	43°50.00'N	63°39.00'W	LAHAVE BASIN	236 METRES	1964		64 475	0.00	0.02	0.30	0.68	9.40	7.60	12.10	2.25
64001	065	051	43°50.00'N	63°46.50'W		230 METRES	1964			0.00	0.02	0.26	0.74	9.20			
64001	066	052	43°45.00'N	63°46.50'W		241 METRES	1964		B64 442	0.00	0.02	0.26	0.72	9.50			
64001	067	053	43°45.00'N	63°32.50'W	LAHAVE BASIN	238 METRES	1964		B64 455	0.00	0.02	0.30	0.68	9.30	7.60	10.80	1.60
64001	068	054	43°45.00'N	63°32.50'W	LAHAVE BASIN	207 METRES	1964	1 CONTAINER 1 BAG OF ROCKS	B64 448	0.05	0.37	0.29	0.29	4.20			
64001	069	055	43°45.08'N	63°25.25'W	WEST OF SAMBRO BANK	141 METRES	1964	1/2 CONTAINER OF SAND	B64 361	0.01	0.84	0.10	0.05	3.10	2.90	3.80	0.45
64001	070	056	43°43.20'N	63°20.00'W	SAMBRO BANK	92 METRES	1964	2 CONTAINERS		0.10	0.88	0.02	0.00	2.00			
64001	071	057	43°44.60'N	63°18.20'W	SAMBRO BANK	102 METRES	1964	2 CONTAINERS		0.34	0.65			1.40	2.20		
64001	072	058	43°45.20'N	63°10.20'W	EASTERN EDGE OF SAMBRO BANK	121 METRES	1964			0.56	0.37	0.05	0.02	-2.10	1.50		
64001	073	059	43°45.00'N	63°09.08'W	SCOTIAN SHELF	185 METRES	1964		B64 373	0.01	0.70	0.16	0.13	3.20	2.50	4.50	1.00
64001	074	060	43°45.08'N	63°06.33'W	EMERALD BASIN	258 METRES	1964		B64 551	0.00	0.28	0.29	0.43	7.20	3.80	9.90	3.05
64001	075	061	43°45.10'N	63°04.00'W	EMERALD BASIN	282 METRES	1964		B64 467	0.00	0.02	0.32	0.58	9.00			
64001	076	062	43°44.00'N	62°50.83'W	EMERALD BASIN	230 METRES	1964			0.00	0.03	0.45	0.52	8.20	6.20	9.70	1.75
64001	077	063	43°45.17'N	62°37.17'W	EAST OF EMERALD BASIN	146 METRES	1964		B64 532	0.01	0.64	0.29	0.06	3.70	3.20	4.00	0.40
64001	078	064	43°45.42'N	62°30.17'W	NORTH OF EMERALD BANK	128 METRES	1964		B64 344	0.12	0.48	0.34	0.06	3.80	3.20	4.10	0.45
64001	079	065	43°38.92'N	62°30.75'W	EMERALD BANK	75 METRES	1964	ROCKS GRAVEL BOTTLE		0.07	0.60	0.19	0.15				

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
64001	080	066	43°40.25'N	62°37.42'W	EMERALD BANK	110 METRES	1964		B64 449	0.39	0.60	0.01	0.00	0.40			
64001	081	067	43°40.25'N	62°37.42'W	NW EMERALD BANK	172 METRES	1964	BOTTLE	B64 466	0.00	0.49	0.44	0.07				
64001	082	068	43°39.92'N	62°57.50'W	EMERALD BASIN	249 METRES	1964		B64 402	0.00	0.06	0.41	0.53	8.20	5.50	11.00	2.57
64001	083	069	43°40.17'N	63°04.20'W	EMERALD BASIN	262 METRES	1964		B64 469	0.00	0.02	0.44	0.54	8.20	6.80	10.70	1.85
64001	084	070	43°42.67'N	63°06.17'W	EMERALD BASIN	274 METRES	1964	DRIFTING ON STATION	B64 405	0.00	0.03	0.35	0.62	8.90	7.00	10.70	1.85
64001	085	071	43°40.17'N	63°10.32'W	SW EMERALD BASIN	230 METRES	1964		B64 474	0.00	0.41	0.31	0.28	4.40	3.40	8.50	2.55
64001	086	072	43°40.00'N	63°17.75'W	SAMBRO BANK	145 METRES	1964	NO GRAINSIZE	B64 463	0.00	0.99			1.60	1.20	1.90	0.35
64001	087	073	43°39.97'N	63°18.42'W	SAMBRO BANK	106 METRES	1964	ROCKS AND TRACE OF SAND 3 GRAB		0.29	0.34	0.22	0.15	4.20			
64001	088	074	43°40.00'N	63°25.50'W	SAMBRO BANK	118 METRES	1964	ATTEMPTS OPEN EACH TIME									
64001	089	075	43°39.92'N	63°32.42'W	EAST OF SAMBRO BANK	190 METRES	1964		B64 343	0.29	0.42	0.15	0.14	3.20	-1.50	4.40	2.95
64001	090	076	43°40.00'N	63°39.00'W	LAHAVE BASIN	221 METRES	1964		B64 330	0.00	0.01	0.30	0.69	9.50	7.70	11.70	2.00
64001	091	077	43°40.00'N	63°46.50'W	SCOTTIAN SHELF	249 METRES	1964		B64 362	0.00	0.02	0.22	0.76	9.70			
64001	092	078	43°35.10'N	63°46.50'W	SCOTTIAN SHELF	236 METRES	1964		B64 473	0.00	0.02	0.28	0.70	9.50			
64001	093	079	43°35.20'N	63°39.00'W	LAHAVE BASIN	220 METRES	1964		B64 462	0.00	0.02	0.35	0.63	9.40	7.00	12.00	2.50
64001	094	080	43°35.09'N	63°32.67'W	SW OF SAMBRO BANK	194 METRES	1964	TILL ? POSITION CHANGE?	B64 329	0.03	0.55	0.19	0.23	3.50	2.10	7.60	2.75
64001	095	081	43°35.25'N	63°25.42'W	SAMBRO BANK	124 METRES	1964	2 GRABS: OPEN BOTH TIMES LOST MOST OF SAND AT SURFACE	B64 342	0.92	0.07						
64001	096	082	43°35.33'N	63°22.02'W	SAMBRO BANK	190 METRES	1964		B64 410	0.01	0.64	0.19	0.16	3.30	2.50	5.50	1.50
64001	097	083	43°35.33'N	63°18.60'W	SOUTH OF SAMBRO BANK	201 METRES	1964			0.00	0.31	0.32	0.38	6.10	3.40	10.00	3.30
64001	098	084	43°35.50'N	63°11.22'W	EMERALD BASIN	225 METRES	1964	BIG WINCH REPAIRED	B64 334	0.00	0.20	0.38	0.42	6.70	4.00	9.20	2.60
64001	099	085	43°34.92'N	63°04.14'W	EMERALD BASIN	232 METRES	1964		B64 457	0.00	0.46	0.26	0.28	4.10	3.60	7.60	2.00
64001	100	086	43°36.83'N	62°57.50'W	EMERALD BASIN	232 METRES	1964		B64 431	0.00	0.49	0.31	0.20	4.00	3.50	6.70	1.60
64001	101	087	43°33.00'N	62°50.80'W	NE OF EMERALD BASIN	210 METRES	1964	SHELLS		0.33	0.67	0.00	0.00	1.40	-3.10	2.40	2.75

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
64001	102	088	43°35.17'N	62°44.42'W	EMERALD BANK	110 METRES	1964		B64 374	0.62	0.37			-3.70		1.80	
64001	103	089	43°35.25'N	62°37.33'W	EMERALD BANK	91 METRES	1964		B64 339	0.51	0.49	0.00	0.00	-1.40		1.30	
64001	104	090	43°35.25'N	62°30.50'W	EMERALD BANK	80 METRES	1964	PEBBLES WITH A TRACE OF SAND									
64001	105	091	43°30.25'N	62°30.50'W	EMERALD BANK	82 METRES	1964		B64 376	0.69	0.27				2.50	3.70	0.60
64001	106	092	43°30.25'N	62°37.25'W	EMERALD BANK	95 METRES	1964		B64 414	0.89	0.09			3.20			
64001	107	093	43°30.25'N	62°44.33'W	EMERALD BANK	106 METRES	1964		B64 399	0.00	0.98			2.20		3.50	
64001	108	094	43°30.25'N	62°47.67'W	EMERALD BANK	113 METRES	1964		B64 375	0.45	0.33				0.80	1.80	0.50
64001	109	095	43°29.75'N	62°50.67'W	WEST EMERALD BANK	106 METRES	1964		B64 112	0.01	0.99	0.00	0.00	1.50	1.20	1.80	0.30
64001	110	096	43°29.83'N	62°57.75'W	WEST OF EMERALD BANK	110 METRES	1964		B64 368	0.00	1.00	0.00	0.00	1.50	1.20	1.80	0.30
64001	111	097	43°29.83'N	63°04.33'W	SOUTH OF EMERALD BANK	170 METRES	1964		B64 400	0.00	1.00	0.00	0.00	1.50	1.20	1.80	0.30
64001	112	098	43°29.92'N	63°11.25'W	SOUTH OF EMERALD BANK	223 METRES	1964		B64 390	0.00	0.41	0.41	0.18	4.40	3.70	7.80	2.05
64001	113	099	43°29.90'N	63°39.00'W	EMERALD BASIN	210 METRES	1964		B64 409	0.00	0.16	0.40	0.44	7.50	4.80	9.80	2.50
64001	114	100	43°29.92'N	63°25.50'W	EMERALD BASIN	190 METRES	1964		B64 464	0.00	0.20	0.42	0.38	6.40	4.10	10.50	3.20
64001	115	101	43°30.00'N	63°32.50'W	NE OF LAHAVE BASIN	165 METRES	1964		B64 460	0.08	0.79	0.05	0.08	2.40	1.50	3.50	1.00
64001	116	102	43°29.90'N	63°39.00'W	LAHAVE BASIN	194 METRES	1964		B64 406	0.00	0.10	0.46	0.44	7.40	4.70	10.70	3.00
64001	117	103	43°29.80'N	63°46.50'W	SCOTTIAN SHELF	220 METRES	1964		B64 364	0.00	0.01	0.37	0.62	9.00			
64001	118	104	43°25.50'N	63°46.50'W	SCOTTIAN SHELF	220 METRES	1964		B64 459	0.00	0.22	0.36	0.42	7.20			
64001	119	105	43°25.50'N	63°39.00'W	LAHAVE BASIN	194 METRES	1964	POOR SAMPLE	B64 387	0.00	0.25	0.42	0.33	5.50	4.00	8.70	2.35
64001	120	106	43°25.58'N	63°32.50'W	SOUTH OF SAMBRO BANK	168 METRES	1964		B64 389	0.00	0.32	0.51	0.17	4.30			
64001	121	107	43°25.50'N	63°25.42'W	SOUTH OF SAMBRO BANK	122 METRES	1964		B64 107	0.00	0.40	0.64	0.16	4.30			
64001	122	108	43°25.42'N	63°18.92'W	EMERALD BASIN	201 METRES	1964		B64 378	0.00	0.08	0.49	0.43	7.30	4.80	9.80	2.50
64001	123	109	43°25.83'N	63°15.50'W	EMERALD BASIN	209 METRES	1964		B64 408	0.00	0.19	0.49	0.32	5.30			
64001	124	110	43°25.50'N	63°11.33'W	SOUTH EDGE OF EMERALD BASIN	183 METRES	1964		B64 372	0.00	1.00	0.00	0.00	1.60	1.20	2.30	0.55

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
64001	125	111	43°25.42'N	63°04.25'W	WEST OF EMERALD BANK	135 METRES	1964		B64 371	0.36	0.64	0.00	0.00	-0.40	-1.00	0.80	0.90
64001	126	112	43°25.83'N	62°57.83'W	WEST OF EMERALD BANK	46 METRES	1964		B64 451	0.07	0.93	0.00	0.00	1.20	0.10	1.90	0.90
64001	127	113	43°27.33'N	62°54.08'W	SOUTHLAN SHELF	108 METRES	1964		B64 477	0.24	0.76			2.10	1.60	2.80	0.60
64001	128	114	43°25.83'N	62°50.67'W	WEST OF EMERALD BANK	104 METRES	1964	MISSING GRAINSIZE									
64001	129	115	43°25.75'N	62°44.42'W	WEST OF EMERALD BANK	99 METRES	1964										
64001	130	116	43°25.70'N	62°37.08'W	EMERALD BANK	99 METRES	1964	ROCKS AND TRACE OF SAND; 2 CLOSED GRAINS	B64 453	0.81	0.19	0.00	0.00	-2.60		-1.30	
64001	131	117	43°25.50'N	62°30.17'W	EMERALD BANK	88 METRES	1964										
64001	132	118	43°25.50'N	62°20.25'W	EMERALD BANK	79 METRES	1964		B64 358	0.03	0.97	0.00	0.00	0.80	0.30	1.40	0.55
64001	133	119	43°30.25'N	62°20.25'W	EMERALD BANK	88 METRES	1964		B64 370	0.01	0.99	0.00	0.00	2.20	1.60	2.70	0.55
64001	134	120	43°35.40'N	62°20.30'W	EAST EDGE OF EMERALD BANK	99 METRES	1964	SHELL FRAGMENTS INCLUDED IN GRAINSIZE CURVE ON SAMPLE SHEET	B64 411	0.16	0.84	0.00	0.00	0.50	-0.50	1.50	1.00
64001	135	121	43°38.83'N	62°25.33'W	EMERALD BANK	73 METRES	1964		B64 386	0.00	1.00	0.00	0.00	1.50	1.20	1.80	0.30
64001	136	122	43°40.00'N	62°20.25'W	WESTERN GULLEY	113 METRES	1964		B64 398	0.02	0.96	0.02	0.00	2.70	2.30	3.20	0.45
64001	137	123	43°45.00'N	62°20.25'W	NORTH OF EMERALD BANK	128 METRES	1964		B64 333	0.00	0.50	0.42	0.08	4.00	3.50	4.80	0.65
64001	138	124	43°50.00'N	62°20.25'W	NORTH OF EMERALD BANK	152 METRES	1964		B64 468	0.00	0.26	0.63	0.11	4.50	3.90	5.50	0.80
64001	139	125	43°55.00'N	62°20.25'W	NORTH OF EMERALD BANK	145 METRES	1964		B64 465	0.00	0.55	0.33	0.12	3.80	3.20	5.20	1.00
64001	140	126	44°00.00'N	62°20.25'W	NORTH OF EMERALD BANK	128 METRES	1964	IRIFTED FROM 110 TO 128M 2 CONTAINERS	B64 452	0.01	0.99	0.00	0.00	1.60	1.20	2.20	0.50
64001	141	127	43°05.00'N	62°20.25'W	SOUTH OF THE PATCH	160 METRES	1964	BOTTLE	B64 377	0.05	0.59	0.20	0.16	3.20	1.50	5.60	2.05
64001	142	128	44°26.20'N	63°40.40'W	NEARSHORE W OF HALIFAX	91 METRES	1964	SHELLS EXCLUDED IN GRAINSIZE	B64 450	0.00	1.00	0.00	0.00				
64001	143	129	44°25.00'N	63°40.40'W	NEARSHORE W OF HALIFAX	99 METRES	1964	SHELLS 8 GRAMS	B64 357	0.60	0.40	0.00	0.00	-1.70	-3.40	0.20	1.80

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
64001	144	130	43°00.40'N	62°20.00'W	SCOTIAN SHELF	132 METRES	1964		864 472	0.04	0.96	0.00	0.00	2.50			
64001	145	131	42°55.20'N	62°20.00'W	SCOTIAN SHELF	311 METRES	1964		864 396	0.00	0.98	0.02	0.00				
65008	146	034	44°24.83'N	63°45.00'W	WEST OF HALIFAX	88 METRES	1965	GRAVEL AND DIRTY SAND									
65008	147	035	44°19.83'N	63°45.17'W	SW OF HALIFAX	108 METRES	1965	FINE SAND AND CLAY	1534	0.01	0.50	0.35	0.14				
65008	148	032	44°16.20'N	63°40.10'W	SW OF HALIFAX	121 METRES	1965	SILT AND CLAY	1558	0.00	0.45	0.42	0.13				
65008	149	031	44°15.40'N	63°40.10'W	SOUTH OF HALIFAX	117 METRES	1965	GRAVEL AND DIRTY SAND BRACHIPODS	1568	0.58	0.13	0.24	0.09				
65008	150	030	44°14.30'N	63°40.10'W	SOUTH OF HALIFAX	133 METRES	1965	SILT AND CLAY	865 1306	0.00	0.15	0.59	0.26				
65008	151	016	44°25.80'N	63°39.70'W	NEARSHORE HALIFAX	37 METRES	1965	GRAVEL, COBBLES WITH TRACE OF COARSE SAND									
65008	152	152	44°24.40'N	63°39.20'W	WEST OF HALIFAX	28 METRES	1965	GRAVEL AND TRACE OF SAND									
65008	153	017	44°23.50'N	63°39.10'W	WEST OF HALIFAX	55 METRES	1965	ROCK BOTTOM NO SAMPLE									
65008	154	018	44°20.70'N	63°39.70'W	WEST OF HALIFAX	102 METRES	1965	GRAVEL AND DIRTY SAND. THROW BACK 1	1664	0.67	0.31	0.03		-3.70	0.90		
65008	155	019	44°17.90'N	63°39.40'W	NW OF HALIFAX	119 METRES	1965	COBBLE 8" DIAMETER GRAVEL & SAND DARK BELOW SURFACE APPROACHING		0.01	0.79	0.12	0.08	2.90	2.30	3.80	0.75
65008	156	020	44°17.00'N	63°38.80'W	NW OF HALIFAX	104 METRES	1965	REDUCING CONDITIONS SAND AND GRAVEL	1557	0.60	0.34	0.03	0.03			1.70	
65008	157	021	44°16.00'N	63°38.70'W	NW OF HALIFAX	121 METRES	1965	MOSTLY FINE SAND SOME SILT AND GRAVEL BLACK STREAKS	1555	0.00	0.42	0.45	0.13	4.10	3.60	5.30	0.85

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	234	094	44°30.50'N	62°39.42'W	EASTERN SHORE	135 METRES	1965	CLAY AND SILT	1364	0.00	0.12	0.59	0.29	5.70	4.10	8.50	2.20
	235	100	44°44.30'N	62°33.48'W	EASTERN SHORE	48 METRES	1965	COBBLES AND PEBBLES RESTING ON SAND DEPOSITIONAL GRAVEL AND SAND WITH SHELL FRAGMENTS COBBLES TASTE OF SAND		0.77	0.16	0.03	0.04				
65008	236	099	44°42.30'N	62°32.58'W	EASTERN SHORE	66 METRES	1965	GRAVEL AND SAND WITH SHELL FRAGMENTS COBBLES TASTE OF SAND	1541								
65008	237	098	44°39.50'N	62°31.32'W	EASTERN SHORE	88 METRES	1965	COBBLES TASTE OF SAND									
65008	238	097	44°36.70'N	62°30.00'W	EASTERN SHORE	95 METRES	1965	BEDROCK NO SAMPLE TAKEN									
65008	239	096	44°36.40'N	62°29.82'W	EASTERN SHORE	115 METRES	1965	SAND AND SOME DIRT (MUD?)	B65 1356	0.01	0.79	0.13	0.07	2.80	2.30	3.70	1.45
65008	240	095	44°36.00'N	62°29.52'W	EASTERN SHORE	63 METRES	1965	GRAVEL AND DIRTY SAND ON PEAK	B65 7321	0.01	0.79	0.10	0.10	2.70	1.80	3.70	1.45
65008	241	101	44°43.80'N	62°22.50'W	NORTHEASTERN SHORE	64 METRES	1965	BEDROCK NO SAMPLE TAKEN									
65008	242	102	44°41.00'N	62°21.12'W	NORTHEASTERN SHORE	101 METRES	1965	GRAVEL AND SAND	1516	0.00	0.93	0.07	0.00	2.40			
65008	243	103	44°40.50'N	62°21.00'W	NORTHEASTERN SHORE	110 METRES	1965	GRAVEL AND SAND	1559	0.75	0.11	0.11	0.03	-2.80	-1.00		
65008	244	104	44°40.00'N	62°27.72'W	NORTHEASTERN SHORE	113 METRES	1965	SOME MUD	1433	0.00	0.78	0.12	0.10	2.90	2.00	4.10	1.05
65008	245	105	44°37.70'N	62°20.00'W	NORTHEASTERN SHORE	135 METRES	1965	FINE SAND AND SILT DRIFTED TO CLAY	1431	0.00	0.68	0.19	0.13	3.30	2.90	4.70	0.90
65008	246	138	44°34.30'N	62°19.98'W	NORTHEASTERN SHORE	150 METRES	1965	TILL	B65 1328	0.03	0.37	0.41	0.19	4.30	3.50	7.00	1.75
65008	247	136	44°30.00'N	62°30.00'W	NORTHEASTERN SHORE	146 METRES	1965	MUD		0.00	0.11	0.61	0.28	5.75	4.30	8.60	2.15
65008	248	137	44°30.00'N	62°19.98'W	NORTH OF THE PATCH	87 METRES	1965	MUD	1569	0.00	0.01	0.60	0.39	7.50	5.60	10.10	2.25
65008	249	128	44°25.00'N	62°19.98'W	NORTH OF THE PATCH	187 METRES	1965	SILTY MUD	1434	0.00	0.01	0.44	0.55	8.30	7.00	10.30	1.65
65008	250	129	44°26.80'N	62°25.02'W	NORTH OF THE PATCH	142 METRES	1965	TILL									
65008	251	130	44°25.00'N	62°30.00'W	NORTH OF THE PATCH	160 METRES	1965	MUD	1552	0.00	0.11	0.50	0.39	7.30	4.50	9.80	2.65

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	252	135	44°25.00'N	62°40.38'W	NORTH OF EMERALD BASIN	143 METRES	1965	TILL SMALL SAMPLE	1159	0.92	0.02	0.06	0.00				
65008	253	131	44°22.00'N	62°49.02'W	NORTH OF EMERALD BASIN	154 METRES	1965	CLAY AND SILT	1556	0.00	0.04	0.62	0.34	6.40	4.40	9.10	2.35
65008	254	111	44°20.00'N	63°09.78'W	NE OF HALIFAX	161 METRES	1965	MUD	1570	0.00	0.21	0.48	0.31	6.40	4.10	8.80	2.35
65008	255	110	44°20.10'N	63°00.12'W	NORTH OF EMERALD BASIN	154 METRES	1965	TILL	B65 1315	0.37	0.40	0.13	0.10	0.50			
65008	256	109	44°20.20'N	62°50.40'W	NORTH OF EMERALD BASIN	168 METRES	1965	MUD	1574	0.00	0.03	0.55	0.42	7.40	5.40	9.60	2.10
65008	257	132	44°22.00'N	62°46.02'W	NORTH OF EMERALD BASIN	165 METRES	1965	SILT	B65 1316	0.00	0.15	0.56	0.29	6.00	4.40	8.50	2.05
65008	258	133	44°22.00'N	62°44.76'W	NORTH OF EMERALD BASIN	143 METRES	1965	1 PEBBLE LAG ACROSS TILL									
65008	259	134	44°22.10'N	62°42.12'W	NORTH OF EMERALD BASIN	143 METRES	1965	1 COBBLE TASTE OF MUD VERY THIN LAYER OF TILL IN THIS AREA									
65008	260	108	44°20.00'N	62°40.20'W	NORTH OF EMERALD BASIN	164 METRES	1965	BEDROCK									
65008	261	107	44°20.00'N	62°30.00'W	NE OF EMERALD BASIN	237 METRES	1965	MUD	1365	0.00	0.01	0.36	0.63	8.60	7.40	10.60	1.60
65008	262	106	44°20.00'N	62°20.52'W	NORTH OF THE PATCH	238 METRES	1965	MUD OFF STATION									
65008	263	139	44°20.00'N	62°20.52'W	NORTH OF THE PATCH	238 METRES	1965	TILL	B65 1349	0.01	0.30	0.35	0.34	6.70	3.50	8.50	2.50
65008	264	127	44°17.60'N	62°19.98'W	THE PATCH	91 METRES	1965	COBBLES AND COARSE SAND	B65 1125								
65008	265	126	44°16.40'N	62°19.98'W	THE PATCH	90 METRES	1965	COBBLES AND PEBBLES									
65008	266	125	44°16.00'N	62°19.98'W	THE PATCH	95 METRES	1965	SAND AND GRAVEL	1624	0.51	0.49	0.00	0.00	-1.50	-4.00	0.90	2.45
65008	267	119	44°16.80'N	62°30.00'W	EDGE OF THE PATCH	163 METRES	1965	TILL COARSE SAND AND SILT WITH TOM PEBBLES	B65 1339	0.03	0.67	0.20	0.10	3.50	2.60	4.10	0.75

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	268	118	44°18.10'N	62°45.90'W	NORTH EMERALD BASIN	183 METRES	1965	SILT	1432	0.00	0.21	0.44	0.35	6.30	4.10	9.40	2.65
65008	269	117	44°14.90'N	62°49.98'W	NORTH OF EMERALD BASIN	205 METRES	1965	SILT SCATTERED PELLYPOD SHELLS	1530	0.00	0.01	0.47	0.52	8.10	6.30	10.10	1.90
65008	270	116	44°13.00'N	62°52.02'W	EMERALD BASIN	187 METRES	1965	TILL LESS MUD THAN USUAL	1561	0.52	0.16	0.24	0.08	0.00	-3.00	5.20	3.80
65008	271	115	44°17.00'N	62°55.98'W	NORTH OF EMERALD BASIN	164 METRES	1965	TILL	B65 1345	0.26	0.56	0.08	0.10	1.70	-1.30	3.00	2.15
65008	272	114	44°15.00'N	62°58.98'W	NORTH OF EMERALD BASIN	177 METRES	1965	MUD	1565	0.00	0.02	0.45	0.53	8.10	6.30	10.20	1.95
65008	273	113	44°15.50'N	63°10.02'W	NORTH OF EMERALD BASIN	168 METRES	1965	MUD	B65 1336	0.00	0.01	0.51	0.48	7.80	6.10	10.70	2.30
65008	274	112	44°15.00'N	63°19.98'W	SOUTH OF HALIFAX	146 METRES	1965	TILL 1 BOULDER THROWN BACK	B65 1146	0.00	0.06	0.65	0.29	6.40	5.30	8.50	1.60
CIR65006	275	029	44°09.50'N	63°45.00'W	SW OF HALIFAX MAP 4012	146 METRES	1965	ABUNDANT FORAMS ATTACHED TO ROCKS CORE LENGTH 5.5FT DREDGED SILT AND CLAY	B65 1311	0.00	0.05	0.73	0.13	6.70			
65008	276	028	44°10.00'N	63°40.02'W	SOUTH OF HALIFAX	139 METRES	1965	SILT WORMS AND TUBES QUITE PROLIFIC	B65 1329	0.00	0.19	0.57	0.24	5.20			
65008	277	027	44°10.00'N	63°34.98'W	SOUTH OF HALIFAX	135 METRES	1965	TILL	B65 1320	0.32	0.54	0.07	0.07	1.30	-1.60	3.00	2.30
65008	278	026	44°10.00'N	63°30.00'W	SOUTH OF HALIFAX	161 METRES	1965	CLAY AND SILT	B65 1323	0.00	0.03	0.55	0.42	7.30	5.50	9.60	2.05
65008	279	155	44°10.00'N	63°25.02'W	SOUTH OF HALIFAX	154 METRES	1965	SMALL PEBBLES AND SILT CLOSE TO TILL		0.03	0.39	0.31	0.27	4.40	3.20	7.40	2.10
65008	280	154	44°10.00'N	63°19.98'W	SOUTH OF HALIFAX	165 METRES	1965	TILL	B65 1328	0.38	0.39	0.07	0.06	0.30	-2.50	2.70	2.60
65008	281	153	44°10.00'N	63°15.00'W	SOUTH OF HALIFAX	182 METRES	1965	CLAYEY SILT	B65 1330	0.00	0.02	0.48	0.50	8.00	6.40	10.90	2.25
65008	282	152	44°10.00'N	63°10.02'W	NORTH OF EMERALD BASIN	176 METRES	1965	MUD	B65 1357	0.00	0.01	0.46	0.53	8.20	6.50	10.20	1.85

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	283	151	44°09.50'N	63°04.08'W	NORTH OF EMERALD BASIN	176 METRES	1965	MUD	1544	0.00	0.63	0.16	0.27	2.60	1.70	7.20	2.75
65008	284	150	44°10.10'N	63°00.00'W	NORTH OF EMERALD BASIN	188 METRES	1965	CLAY COLOUR 3/3	1533	0.00	0.01	0.41	0.58	8.60	7.20	10.70	1.75
65008	285	149	44°09.70'N	62°57.12'W	EMERALD BASIN	190 METRES	1965	SILT	B65 1342	0.00	0.08	0.39	0.53	8.30	6.40	10.30	1.95
65008	286	148	44°11.10'N	62°49.98'W	EMERALD BASIN	187 METRES	1965	CLAYEY SILT DARK BROWN NUMEROUS WORM TUBES	B65 1358	0.00	0.11	0.40	0.49	8.00	5.60	9.60	2.00
65008	287	147	44°10.00'N	62°49.98'W	EMERALD BASIN	234 METRES	1965	CORES 1ST 7' 2ND 8' 3RD 7' BENT TWO BITS SLIGHTLY	1549	0.00	0.01	0.34	0.65	9.00	7.50	10.70	1.70
65008	288	143	44°10.00'N	62°30.00'W	EAST OF EMERALD BASIN	145 METRES	1965	1 COBBLE HARD BOTTOM									
65008	289	120	44°12.50'N	62°28.02'W	THE PATCH	118 METRES	1965	COBBLE BOTTOM WITH SOME SAND									
65008	290	124	44°14.00'N	62°22.98'W	THE PATCH	91 METRES	1965	SAND AND GRAVEL	B65 1166	0.27	0.72	0.01	0.00	1.40	-2.30	2.20	2.25
65008	291	123	44°13.00'N	62°22.32'W	THE PATCH	91 METRES	1965	COBBLES AND SAND	B65 1401	0.91	0.09	0.00	0.00				
65008	292	122	44°12.50'N	62°22.02'W	THE PATCH	124 METRES	1965	SAND AND GRAVEL	1239	0.33	0.66	0.01		0.40			
65008	293	121	44°11.80'N	62°21.42'W	THE PATCH	135 METRES	1965	SAND AND PEBBLES	B65 1319	0.00	0.98			2.40			
65008	294	140	44°10.00'N	62°19.98'W	THE PATCH	154 METRES	1965	SILTY SAND	1665	0.01	0.94			3.00			
65008	295	141	44°06.50'N	62°25.98'W	EAST OF EMERALD BASIN	155 METRES	1965	NO SAMPLE SILT	B65 1361	0.00	0.41	0.35	0.24	4.80	2.80	7.80	2.50
65008	296	142	44°08.80'N	62°28.68'W	EAST OF EMERALD BASIN	154 METRES	1965	TILL	B65 1340	0.02	0.56	0.29	0.13	3.70	2.70	4.80	1.05
65008	297	144	44°07.10'N	62°34.98'W	EAST OF EMERALD BASIN	146 METRES	1965	TILL	B65 1325	0.04	0.77	0.11	0.08	2.70	1.80	3.70	0.95
65008	298	145	44°05.40'N	62°39.00'W	EMERALD BASIN	183 METRES	1965	SILT	1533	0.00	0.17	0.60	0.23	5.00	4.20	7.70	1.75
65008	299	163	44°07.00'N	62°54.00'W	EMERALD BASIN	238 METRES	1965	CLAY	1540	0.00	0.01	0.39	0.60	8.60	7.20	10.80	1.80

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	300	162	44°06.00'N	63°02.60'W	EMERALD BASIN	201 METRES	1965	MUD	1531	0.00	0.06	0.39	0.55	8.30	6.60	10.40	1.90
65008	301	161	44°06.50'N	63°04.00'W	W OF EMERALD BASIN	165 METRES	1965	TILL									
65008	302	160	44°07.00'N	63°07.02'W	NW OF EMERALD BASIN	176 METRES	1965	CLAYEY SILT	B65 1317	0.00	0.02	0.48	0.50	8.00	6.40	9.70	1.65
65008	303	159	44°07.00'N	63°11.00'W	NW OF EMERALD BASIN	150 METRES	1965	TILL	B65 1362	0.53	0.38	0.04	0.06	4.50		1.70	
C	65008	304	44°07.00'N	63°15.00'W	LAHAVE BASIN	179 METRES	1965	8 FOOT CORE									
C	65008	305	44°08.00'N	63°15.00'W	LAHAVE BASIN	183 METRES	1965	8 FOOT CORE;SILT	1535	0.01	0.44	0.28	0.27	4.40	3.10	8.40	2.64
65008	306	001	44°06.50'N	63°18.70'W	LAHAVE BASIN	186 METRES	1965	MUD NO H2S	1309	0.00	0.01	0.48	0.51	8.10	6.50	10.00	1.75
65008	307	156	44°05.50'N	63°23.00'W	LAHAVE BASIN	187 METRES	1965	CLAY-VERY THIN VENEER OVER SILT									
65008	308	204	43°42.70'N	63°29.50'W	SAMBRO BANK	179 METRES	1965	TILL HIGH SILT AND SAND CONTENT	1355	0.01	0.55	0.19	0.15	3.70	3.30	5.00	0.85
65008	309	205	43°42.70'N	63°28.10'W	SAMBRO BANK	166 METRES	1965	MODIFIED TILL-HIGH SAND CONTENT	1352	0.00	0.55	0.36	0.09	3.80			
65008	310	206	43°42.70'N	63°27.00'W	SAMBRO BANK	150 METRES	1965	MODIFIED TILL; SAND, GRAVEL AND SOME MUD	1514	0.16	0.74	0.10	0.00	2.80			
65008	311	207	43°42.70'N	63°25.50'W	SAMBRO BANK	132 METRES	1965	COBBLES AND SAND									
65008	312	208	43°42.70'N	63°24.20'W	SAMBRO BANK	113 METRES	1965	3 COBBLES SITTING IN SAND									
65008	313	209	43°42.70'N	63°22.70'W	SAMBRO BANK	106 METRES	1965	SAND AND GRAVEL, A FEW BROKEN SHELLS	1404	0.57	0.30	0.13	0.00				
65008	314	210	43°42.70'N	63°21.50'W	SAMBRO BANK	95 METRES	1965	COBBLES, PEBBLES IN SAND, BROCHTOPODS									
65008	315	211	43°42.70'N	63°20.00'W	SAMBRO BANK	93 METRES	1965	PEBBLES AND COBBLES IN COARSE SAND									
65008	316	146	44°02.50'N	62°41.50'W	EMERALD BASIN	198 METRES	1965	TILL	1560	0.04	0.79	0.09	0.08	1.80	0.80	3.00	1.10
65008	317	165	44°00.10'N	62°41.50'W	EMERALD BASIN	208 METRES	1965	MUD	1308	0.00	0.02	0.53	0.45	7.60	5.70	10.30	2.30
65008	318	166	43°57.50'N	62°37.00'W	E OF EMERALD BASIN	179 METRES	1965	MUD AND SILT	1439	0.00	0.06	0.71	0.23	5.30	4.50	7.60	1.55
65008	319	167	43°57.60'N	62°35.50'W	E OF EMERALD BASIN	172 METRES	1965	MUD	1307	0.00	0.22	0.60	0.18	4.90	3.90	6.70	1.40

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	320	168	43°57.65'N	62°34.20'W	E OF EMERALD BASIN	160 METRES	1965	MODIFIED TILL	1542	0.01	0.43	0.45	0.11	4.10	3.60	5.00	0.70
	321	169	43°57.70'N	62°32.85'W	E OF EMERALD BASIN	146 METRES	1965	SILT AND CLAY SLIGHTLY GRITTY	1670	0.00	0.87	0.00	0.00	3.20	2.60	3.70	0.55
65008	322	170	43°57.90'N	62°31.48'W	E OF EMERALD BASIN	134 METRES	1965	FINE SAND	1601	0.01	0.99	0.00	0.00	1.10	0.30	1.90	0.80
	323	171	43°57.90'N	62°30.00'W	E OF EMERALD BASIN	121 METRES	1965	SAND GRAVEL SOME SHELLS	1381	0.11	0.86	0.00	0.00	2.00			
65008	324	172	43°57.90'N	62°28.70'W	E OF EMERALD BASIN	106 METRES	1965	SAND AND GRAVEL	1238	0.19	0.81	0.00	0.00	1.10	-0.40	1.90	1.15
	325	173	43°58.00'N	62°27.40'W	E OF EMERALD BASIN	99 METRES	1965	SAND AND GRAVEL	1191								
65008	326	174	43°58.10'N	62°25.90'W	E OF EMERALD BASIN	95 METRES	1965	SAND AND GRAVEL	1621	0.53	0.44	0.00	0.00	1.40	2.40	2.90	2.65
	327	175	43°58.20'N	62°24.50'W	E OF EMERALD BASIN	95 METRES	1965	BOULDERS AND PEBBLES WITH GROWTH, COVERING SAND									
65008	328	176	43°58.30'N	62°23.20'W	E OF EMERALD BASIN	91 METRES	1965	PEBBLES AND SAND, GROWTH									
65008	329	217	43°55.20'N	62°41.70'W	EMERALD BASIN	203 METRES	1965										
	330	218	43°49.50'N	62°43.00'W	EMERALD BASIN	203 METRES	1965										
65008	331	198	43°45.70'N	62°49.50'W	EMERALD BASIN	227 METRES	1965										
	332	197	43°45.00'N	62°45.80'W	EMERALD BASIN	201 METRES	1965	SILTY CLAY, 2 CORES	1332	0.00	0.23	0.59	0.18	4.70	4.10	6.20	1.05
65008	333	196	43°44.60'N	62°44.60'W	EMERALD BASIN	190 METRES	1965	FINE SAND AND SILT	1529	0.00	0.18	0.69	0.13	4.20	4.10	5.20	0.55
	334	195	43°43.80'N	62°42.80'W	W EDGE OF EMERALD BANK	183 METRES	1965	FINE SAND AND SILT	1571	0.00	0.40	0.50	0.10	4.10	3.90	4.70	0.40
65008	335	194	43°43.30'N	62°41.60'W	W EDGE OF EMERALD BANK	172 METRES	1965	FINE SAND									
65008	336	193	43°42.85'N	62°40.40'W	W EDGE OF EMERALD BANK	163 METRES	1965	FINE SAND	1667	0.00	0.69	0.31	0.00	3.50	3.30	4.40	0.55
	337	192	43°42.45'N	62°39.20'W	NW EDGE OF EMERALD BANK	146 METRES	1965	FINE SAND	1669	0.00	0.80	0.20	0.00	3.70	3.40	3.90	0.25
65008	338	191	43°41.80'N	62°38.00'W	NW EDGE OF EMERALD BANK	135 METRES	1965	VERY FINE SAND	1515	0.00	0.84	0.16	0.00	3.40	3.30	3.80	0.25

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	339	190	43°41.50'N	62°36.70'W	EMERALD BANK	123 METRES	1965	FINE SAND AND SHELL FRAGMENTS	1163	0.00	0.90	0.10	0.00	3.40	3.20	3.80	0.30
65008	340	189	43°41.00'N	62°35.50'W	EMERALD BANK	97 METRES	1965	GRAVEL AND SAND	1602	0.30	0.70	0.00	0.00	0.50	-1.50	1.40	1.45
65008	341	188	43°37.50'N	62°34.30'W	EMERALD BANK	86 METRES	1965	MEDIUM TO COARSE SAND AND SHELL FRAGMENTS	1203	0.01	0.99	0.00	0.00	1.50	1.20	2.00	0.40
65008	342	187	43°40.00'N	62°33.00'W	EMERALD BANK	82 METRES	1965	COARSE SAND BROKEN SHELLS	1193	0.04	0.96	0.00	0.00	1.20	0.50	1.80	0.65
65008	343	186	43°39.50'N	62°31.80'W	EMERALD BANK	77 METRES	1965	COARSE SAND	1622	0.05	0.95	0.00	0.00	1.10	0.10	1.70	0.80
65008	344	185	43°39.20'N	62°30.80'W	EMERALD BANK	73 METRES	1965	GRAVEL, SAND AND SHELLS - LOST SAND	1143								
65008	345	184	43°38.60'N	62°29.50'W	EMERALD BANK	73 METRES	1965	WELL ROUNDED PEBBLES, SAND AND SHELL FRAGMENTS		0.20	0.62	0.18	0.00	0.30	-0.70	2.00	1.35
65008	346	183	43°38.30'N	62°28.20'W	EMERALD BANK	71 METRES	1965	COBBLE BOTTOM, C-LOBOTOLUS WITH CORRALLINE ALGAE									
65008	347	182	43°37.70'N	62°27.00'W	EMERALD BANK	73 METRES	1965	BEACH PEBBLES AND SAND, ATTACHED C-LOBOTOLUS, C-REFULGERS, E. INVECTUM									
65008	348	181	43°37.40'N	62°25.80'W	EMERALD BANK	71 METRES	1965	3 COBBLES WITH C-LOBOTOLUS, C-PSEUDONYGERANIS									
65008	349	180	43°36.70'N	62°24.60'W	EMERALD BANK	71 METRES	1965	MEDIUM SAND	1657	0.01	0.99	0.00	0.00	2.00	1.70	2.00	0.15
65008	350	179	43°36.50'N	62°23.50'W	EMERALD BANK	73 METRES	1965	MEDIUM TO FINE SAND, QUAGGS	1207	0.01	0.99	0.00	0.00	2.00	1.80	2.40	0.30
65008	351	178	43°36.00'N	62°22.50'W	EMERALD BANK	81 METRES	1965	MEDIUM SAND; OLIVE TO BLUE-BROWN	1197	0.00	1.00	0.00	0.00	2.10	1.90	2.10	0.10

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.	
65008	352	219	43°37.60'N	62°51.50'E	S OF EMERALD BASIN	198 METRES	1965	FINE SAND AND SILT	1314	0.00	0.70	0.24	0.06	3.70	3.30	3.30	4.10	0.40
65008	353	221	43°35.00'N	63°01.70'E	S OF EMERALD BASIN	216 METRES	1965	SILT AND SAND, SLIGHTLY DIRTY	1367		0.85			3.50	3.20	3.20	3.80	0.30
65008	354	226	43°20.10'N	63°40.40'E	S OF LAHAVE BASIN	181 METRES	1965	MODIFIED TILL?;1 COBBLE IN MID AND SAND. 2 ATTEMPTS	1372									
65008	355	227	43°20.10'N	63°38.50'E	S OF LAHAVE BASIN	201 METRES	1965	SILT	1348	0.00	0.48	0.38	0.14	4.00	3.80	3.80	4.70	0.45
65008	356	228	43°20.10'N	63°38.10'E	S OF LAHAVE BASIN	174 METRES	1965	SAND SILT AND PEBBLES	1322	0.02	0.88	0.09	0.03	3.20	2.40	2.40	3.70	0.65
65008	357	229	43°20.10'N	63°25.10'E	S OF SAMERO BANK	146 METRES	1965	SAND AND GRAVEL	1147	0.29	0.68	0.00	0.00	1.20	-1.50	-1.50	2.20	1.85
65008	358	230	43°20.10'N	63°21.80'E	S OF SAMERO BANK	172 METRES	1965	SAND AND FINE GRAVEL	1386	0.00	0.92	0.00	0.00	2.00				
65008	359	231	43°22.80'N	63°23.20'E	S OF SAMERO BANK	196 METRES	1965	SILTY SAND	1331	0.00	0.62	0.25	0.13	3.40	2.70	2.70	4.50	0.90
65008	360	232	43°22.70'N	63°15.20'E	S OF EMERALD BASIN	188 METRES	1965	MEDIUM SAND	1391	0.00	0.92	0.00	0.00	2.70	2.20	2.20	3.00	0.40
65008	361	233	43°22.40'N	63°14.00'E	S OF EMERALD BASIN	183 METRES	1965	MID SAND	1395	0.00	0.97	0.00	0.00	2.30	1.60	1.60	3.00	0.70
65008	362	234	43°22.30'N	63°12.80'E	S OF EMERALD BASIN	172 METRES	1965	SAND AND SOME COBBLES	1131	0.33	0.65	0.00	0.00	1.50				2.60
65008	363	235	43°22.10'N	63°11.50'E	S OF EMERALD BASIN	163 METRES	1965	SAND SHELL FRAGMENTS AND A FEW PEBBLES	1388	0.07	0.90	0.00	0.00	2.10	1.30	1.30	2.70	0.75
65008	364	236	43°21.90'N	63°10.00'E	S OF EMERALD BASIN	152 METRES	1965		1194	0.05	0.93	0.00	0.00	2.10	1.30	1.30	2.60	0.70
65008	365	237	43°21.70'N	63°08.50'E	S OF EMERALD BASIN	141 METRES	1965	SAND SHELL FRAGMENTS, A FEW PEBBLES	1195	0.17	0.80	0.00	0.00	0.70	-0.50	-0.50	1.70	1.50
65008	366	238	43°21.40'N	63°07.00'E	S OF EMERALD BASIN	135 METRES	1965	SAND AND SOME GRAVEL	1210	0.23	0.76	0.00	0.00	0.60	-0.80	-0.80	2.20	1.50
65008	367	239	43°21.20'N	63°05.50'E	S OF EMERALD BASIN	126 METRES	1965	COARSE SAND AND SHELL FRAGMENTS	1165	0.06	0.93	0.00	0.00	1.00	0.20	0.20	1.40	0.80

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	397	259	43°10.00'N	63°11.40'W	S OF LAHAVE BASIN	145 METRES	1965	VERY FINE SAND AND MACERATED SHELL FRAGMENTS	1368	0.08	0.82	0.00	0.00	2.20	0.60	3.30	1.35
65008	398	258	43°10.00'N	63°04.50'W	S OF LAHAVE BASIN	135 METRES	1965		1392	0.10	0.80	0.00	0.00	2.40	1.30	3.20	0.95
65008	399	257	43°10.20'N	62°57.80'W	W EDGE OF EMERALD BANK	121 METRES	1965		1126	0.11	0.84	0.00	0.00	2.00	0.70	2.80	1.05
65008	400	273	43°10.10'N	62°53.52'W	EMERALD BANK	113 METRES	1965	SAND, GRAVEL, SMALL SHELL FRAGMENTS									
65008	401	274	43°10.00'N	62°52.02'W	EMERALD BANK	110 METRES	1965	SAND, GRAVEL, SMALL SHELL FRAGMENTS	1158	0.06	0.93	0.00	0.00	2.40	1.00	2.90	0.95
65008	402	275	43°10.00'N	62°50.70'W	EMERALD BANK	110 METRES	1965	SAND, GRAVEL AND SOME SHELL FRAGMENTS	1373	0.24	0.75	0.00	0.00	2.40	-0.50	2.90	1.70
65008	403	276	43°10.00'N	62°43.80'W	EMERALD BANK	104 METRES	1965	1 COBBLE, 1 PEBBLE									
65008	404	277	43°10.00'N	62°37.02'W	EMERALD BANK	99 METRES	1965	COBBLES WITH SOME SAND	1144	0.96	0.04						
65008	405	278	43°10.00'N	62°30.18'W	EMERALD BANK	102 METRES	1965	2 COBBLES									
65008	406	279	43°10.00'N	62°25.02'W	WESTERN GULLEY	101 METRES	1965		1196	0.03	0.97	0.00	0.00	1.70	1.30	2.20	0.45
65008	407	281	43°05.00'N	62°20.28'W	WESTERN GULLEY	102 METRES	1965	COARSE SAND	1160	0.02	0.98	0.00	0.00	1.40	1.20	1.80	0.30
65008	408	282	43°05.00'N	62°30.30'W	EMERALD BANK	106 METRES	1965	COARSE SAND	1132	0.07	0.93	0.00	0.00	0.60	-0.10	1.30	0.70
65008	409	283	43°05.00'N	62°37.08'W	EMERALD BANK	110 METRES	1965	SAND AND GRAVEL	1378	0.00	0.99	0.00	0.00	2.20	1.40	3.00	0.80
65008	410	284	43°05.00'N	62°43.98'W	EMERALD BANK	108 METRES	1965	4 COBBLES									
65008	411	285	43°05.00'N	62°50.82'W	EMERALD BANK	108 METRES	1965										
65008	412	286	43°05.00'N	62°57.50'W	SCOTIAN SHELF, WEST OF EMERALD BANK	126 METRES	1965	SAND AND GRAVEL WITH SHELL FRAGMENTS	865 1129	0.11	0.85	0.04	0.00	1.80	0.70	3.00	1.15
65008	413	311	43°05.30'N	63°04.62'W	WEST OF EMERALD BANK	135 METRES	1965	SAND, GRAVEL, SILT BLACK SPECS	1387	0.03	0.92	0.05	0.00	2.20	1.00	2.90	0.95

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	414	312	43°05.30'N	63°11.40'W	WEST OF EMERALD BANK	152 METRES	1965	SAND, SILT AND GRAVEL WITH SHELL FRAGMENTS. MODIFIED TILL	1384	0.00	0.90	0.10	0.00	2.00	1.30	3.10	0.90
65008	415	313	43°05.10'N	63°18.30'W	SOUTH OF EMERALD BASIN	154 METRES	1965	SAND, SILT, SHELL FRAGMENTS, SOME GRAVEL. MODIFIED TILL	1124	0.04	0.91	0.05	0.00	1.90	0.60	2.80	1.10
65008	416	314	43°05.10'N	63°24.78'W	SOUTH OF EMERALD BASIN	155 METRES	1965	SAND, SILT, GRAVEL AND SHELL FRAGMENTS	1370	0.07	0.88	0.05	0.00	2.20	1.30	2.90	0.80
65008	417	315	43°05.10'N	63°31.68'W	SOUTH OF LAHAVE BASIN	166 METRES	1965	SANDY SILT, GRAVEL AND SHELL FRAGMENTS	1376	0.03	0.95	0.02	0.00	2.70	2.30	3.10	0.40
65008	418	316	43°05.10'N	63°38.52'W	SOUTH OF LAHAVE BASIN	152 METRES	1965	FINE SAND	1399	0.00	0.98	0.02	0.00	2.50	2.20	2.80	0.30
65008	419	317	43°05.10'N	63°40.38'W	SOUTH OF LAHAVE BASIN	134 METRES	1965	SAND AND GRAVEL	1128	0.75	0.25	0.00	0.00				
65008	420	321	43°00.10'N	63°40.38'W	SOUTH OF LAHAVE BASIN	135 METRES	1965	FINE TO MEDIUM SAND WITH CLAM SHELL FRAGMENTS	1660	0.01	0.90	0.09	0.00				
65008	421	322	43°00.10'N	63°38.52'W	SOUTH OF LAHAVE BASIN	150 METRES	1965		1506	0.65	0.15	0.20	0.00			1.40	
65008	422	323	43°00.10'N	63°33.00'W	SOUTH OF LAHAVE BASIN	155 METRES	1965	COBBLES AND PEBBLES SUNK WELL INTO BOTTOM LOG ACROSS TILL									
65008	423	324	43°00.10'N	63°25.02'W	SOUTH OF EMERALD BASIN	159 METRES	1965	GRAVEL, SAND AND SHELL FRAGMENTS	1528	0.18	0.80	0.02	0.00	1.30	-0.30	2.20	1.25
65008	424	325	43°00.20'N	63°18.00'W	SOUTH OF EMERALD BASIN	157 METRES	1965	SAND AND SHELL FRAGMENTS WITH SOME GRAVEL AND SILT	1403	0.62	0.36	0.02	0.00	-1.40	-2.20	-0.20	1.00

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	425	326	43°00.20'N	63°11.40'E	SOUTH OF EMERALD BASIN	154 METRES	1965	SAND, GRAVEL AND SHELL FRAGMENTS	1527	0.09	0.85	0.06	0.00	2.20	1.50	3.00	0.75
65008	426	310	43°00.20'N	63°04.68'E	SW OF EMERALD BANK	145 METRES	1965	GRAVEL, SAND AND SILT +SHELL FRAGMENTS	1371	0.02	0.92	0.06	0.00	2.30	1.30	3.40	1.05
65008	427	287	43°00.20'N	62°57.78'E	SW OF EMERALD BANK	128 METRES	1965	COBBLES, FINE GRAVEL AND SAND	1396	0.44	0.53			0.00		2.40	
65008	428	288	43°00.30'N	62°51.12'E	SW OF EMERALD BANK	124 METRES	1965	COARSE SAND AND GRAVEL, SHELL FRAGMENTS	1385	0.00	0.94			2.30	0.70	3.40	1.35
65008	429	289	43°00.30'N	62°47.52'E	EMERALD BANK	121 METRES	1965	GRAVEL AND SAND	1188	0.05	0.92	0.03	0.00	1.40	0.50	2.40	0.95
65008	430	290	43°00.30'N	62°46.30'E	EMERALD BANK	110 METRES	1965	COBBLES									
65008	431	291	43°00.30'N	62°44.28'E	EMERALD BANK	112 METRES	1965	COBBLES AND SAND	1209	0.84	0.16						
65008	432	292	43°00.40'N	62°37.62'E	EMERALD BANK	112 METRES	1965	SAND, SOME GRAVEL AND SHELL FRAGMENTS	1379	0.11	0.87			2.10	1.30	2.80	0.75
65008	433	293	43°00.40'N	62°30.90'E	SE OF EMERALD BANK	135 METRES	1965	FRAGMENTS COARSE YELLOWISH GREEN SAND	1187	0.01	0.98	0.01	0.00	1.50	1.20	1.80	0.30
65008	434	294	43°00.40'N	62°25.50'E	SE OF EMERALD BANK	139 METRES	1965	COARSE SAND AND SHELL FRAGMENTS	1192	0.01	0.99	0.00	0.00	2.00	1.50	2.60	0.55
65008	435	295	43°03.50'N	62°20.52'E	WESTERN GULLEY	104 METRES	1965	COARSE SAND, SAND DOLLARS AND PECTIN SHELLS	1201	0.02	0.98	0.00	0.00	1.30	0.80	1.50	0.35
65008	436	296	43°02.30'N	62°20.22'E	WESTERN GULLEY	108 METRES	1965	COARSE SAND, SAND DOLLARS AND PECTIN SHELLS									
65008	437	297	43°01.50'N	62°20.22'E	WESTERN GULLEY	123 METRES	1965	MEDIUM TO FINE SAND	1394	0.00	0.98	0.02	0.00	2.40	2.20	2.80	0.30
65008	438	299	42°59.50'N	62°20.22'E	WESTERN GULLEY	135 METRES	1965	FINE SAND	1390	0.00	0.96	0.04	0.00	2.60	2.00	3.10	0.55
65008	439	300	42°58.50'N	62°20.22'E	WESTERN GULLEY	134 METRES	1965		1190	0.69	0.21	0.10	0.00	-1.70	-2.70	-0.70	1.00

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	440	301	42°57.30'N	62°20.22'W	WESTERN GULLEY	165 METRES	1965	SAND AND GRAVEL	1186	0.06	0.42	0.52	0.00				
65008	441	302	42°56.20'N	62°20.22'W	SCOTIA SLOPE	265 METRES	1965	FINE SAND	1383	0.02	0.97	0.01	0.00				
65008	442	304	42°55.20'N	62°30.90'W	SCOTIA SLOPE	520 METRES	1965	FINE SAND AND SILT	1333	0.00	0.70	0.12	0.08				
65008	443	305	42°55.20'N	63°37.50'W	SOUTH OF EMERALD BANK	115 METRES	1965		1189	0.17	0.83	0.00	0.00	0.80	-0.40	1.60	1.00
65008	444	306	42°55.20'N	62°44.22'W	SOUTH OF EMERALD BANK	119 METRES	1965	COPBBLES AND SOME COARSE SAND									
65008	445	307	42°55.20'N	62°51.12'W	SW OF EMERALD BANK	124 METRES	1965	COBBLES AND GRAVEL	1145	0.77	0.22	0.00	0.00	-4.10		-1.40	
65008	446	446	42°55.20'N	62°58.02'W	SW OF EMERALD BANK	132 METRES	1965	COARSE SAND AND GRAVEL	1398	0.12	0.86	0.02	0.00	1.30	0.20	2.10	0.95
65008	447	309	42°55.20'N	62°04.62'W	SW OF EMERALD BANK	143 METRES	1965	SAND, GRAVEL AND SHELL FRAGMENTS	1208	0.14	0.82	0.04	0.00	1.90	1.00	2.80	0.90
65008	448	327	42°55.20'N	63°11.52'W	SW OF EMERALD BANK	161 METRES	1965	SAND AND PEBBLES	1525	0.33	0.60	0.07	0.00	1.80	-3.30	2.80	3.05
65008	449	328	42°55.00'N	63°18.18'W	SW OF EMERALD BANK	153 METRES	1965	SAND, GRAVEL AND SHELL FRAGMENTS	1519	0.13	0.84	0.03	0.00	1.60	0.20	2.20	1.00
65008	450	329	42°55.00'N	63°25.02'W	SW OF EMERALD BANK	154 METRES	1965	SAND AND GRAVEL	1465	0.20	0.78	0.02	0.00	1.10	-0.60	1.80	1.20
65008	451	330	42°55.00'N	63°31.68'W	SW OF EMERALD BANK	168 METRES	1965	SAND, GRAVEL AND SHELL FRAGMENTS	1522	0.25	0.74	0.01	0.00	1.00	-1.00	2.00	1.50
65008	452	331	42°54.90'N	63°38.52'W	SW OF EMERALD BANK	157 METRES	1965	SAND, GRAVEL AND SHELL FRAGMENTS	1456	0.15	0.83	0.02	0.00	1.10	-0.03	2.10	1.20
65008	453	332	42°54.90'N	63°40.38'W	MAP 4012	135 METRES	1965	COBBLES+PEBBLES ON SAND OR MUD BOTTOM	1503	0.02	0.98	0.40	0.00				
65008	454	333			MAP 4012	165 METRES	1965	PEBBLES, FINE GRAVEL AND SAND WITH SHELL FRAGMENTS									
65008	455	334	42°49.90'N	63°40.38'W	MAP 4012	185 METRES	1965	GRAVEL, SAND+ SHELL FRAGMENTS	1458	0.17	0.82	0.07	0.00				
65008	456	338	42°49.90'N	63°38.58'W	SCOTIA SLOPE	199 METRES	1965	SAND+GRAVEL	1468	0.52	0.30	0.18	0.00				
65008	457	339	42°49.90'N	63°31.68'W	SCOTIA SLOPE	194 METRES	1965	GRAVEL AND SAND	1462	0.57	0.24	0.19	0.00				

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	458	340	42°49.90'N	63°25.02'W	SCOTIA SLOPE	190 METRES	1965	SAND AND GRAVEL	1524	0.09	0.89	0.02	0.00				
65008	459	341	42°50.10'N	63°18.18'W	SW OF EMERALD BANK	185 METRES	1965	COARSE SAND WITH SOME GRAVEL	1505	0.10	0.88	0.02	0.00	1.20	0.40	1.80	1.10
65008	460	342	42°51.00'N	63°11.52'W	SW OF EMERALD BANK	165 METRES	1965	COARSE SAND AND GRAVEL	1454	0.56	0.43	0.01	0.00	-1.50	-3.10	0.90	2.00
65008	461	343	42°50.00'N	63°11.40'W	SW OF EMERALD BANK	172 METRES	1965	GRAVEL AND SOME SAND									
65008	462	344	42°49.10'N	63°11.40'W	SW OF EMERALD BANK	214 METRES	1965	ONE PEBBLE									
65008	463	345	42°50.00'N	63°04.62'W	SW OF EMERALD BANK	139 METRES	1965	FINE GRAVEL AND COARSE SAND	1457	0.17	0.82	0.00	0.00	0.70	-0.30	1.40	0.85
65008	464	346	42°50.00'N	62°58.02'W	SW OF EMERALD BANK	150 METRES	1965	GRAVEL AND SAND	1510	0.76	0.24	0.00	0.00			-1.20	
65008	465	347	42°50.10'N	62°51.00'W	SW OF EMERALD BANK	172 METRES	1965	GRAVEL AND SAND		0.10	0.89	0.00	0.00	1.10	0.20	1.40	0.80
65008	466	348	42°50.10'N	62°44.22'W	SCOTIA SLOPE	439 METRES	1965	FINE SAND AND SHELLS	1662	0.00	0.86	0.14	0.00				
65008	467	354	42°54.20'N	62°37.50'W	SOUTH OF EMERALD BANK	112 METRES	1965	PEBBLES ONLY									
65008	468	353	42°53.10'N	62°37.50'W	SOUTH OF EMERALD BANK	121 METRES	1965	SAND AND GRAVEL	1470	0.54	0.46	0.00	0.00	-1.20	-2.50	0.70	1.60
65008	469	352	42°52.10'N	62°37.50'W	SOUTH OF EMERALD BANK	179 METRES	1965	SAND AND GRAVEL	1469	0.05	0.95	0.00	0.00	1.30	0.60	1.50	0.45
65008	470	351	42°51.20'N	62°37.50'W	SCOTIA SLOPE	278 METRES	1965	FINE SAND	1471	0.03	0.96	0.01	0.00	1.50	1.00	2.00	
65008	471	350	42°50.10'N	62°37.50'W	SCOTIA SLOPE	357 METRES	1965	TASTE OF FINE SAND; NO SAMPLE									
65008	472	349	42°49.00'N	62°37.50'W	SCOTIA SLOPE	402 METRES	1965	FINE SAND	1666	0.01	0.89	0.10	0.00				
65008	473	355	42°50.10'N	62°30.90'W	SCOTIA SLOPE	860 METRES	1965	COMPACTED CLAY AND SILT, POSSIBLY OLD	1327	0.00	0.38	0.48	0.14	4.50	4.00	5.50	
65008	474	356	42°50.10'N	62°27.00'W	SCOTIA SLOPE	970 METRES	1965	CLAY AND SILT	1445	0.00	0.02	0.55	0.43	7.50	5.50	10.00	
65008	475	357	42°54.20'N	62°20.10'W	SCOTIA SLOPE	362 METRES	1965	FINE SAND	1672	0.00	0.85	0.15	0.00	4.00	3.50	4.00	
65008	476	358	42°53.10'N	62°20.10'W	SCOTIA SLOPE	545 METRES	1965	FINE SAND	1567	0.00	0.15	0.77	0.08	4.50	3.50	3.50	

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.	
C 65008	477	359	42°51.70'N	62°20.10'E	SCOTIA SLOPE	648 METRES	1965	8 FT. CORE		0.14	0.79	0.07	0.00	2.50	1.50	3.00		
C 65008	478	360	42°45.20'N	62°20.10'E	SCOTIA SLOPE	1240 METRES	1965	11FT. CORE										
C 65008	479	361	42°45.20'N	62°30.72'E	SCOTIA SLOPE	1244 METRES	1965	8FT. CORE										
C 65008	480	362	42°45.30'N	62°37.38'E	SCOTIA SLOPE	970 METRES	1965	4FT. CORE THRU COARSE SAND										
C 65008	481	363	42°45.10'N	62°44.22'E	SCOTIA SLOPE	1083 METRES	1965	APPROX. 10.5FT. CORE										
C 65008	482	364	42°45.10'N	62°51.00'E	SCOTIA SLOPE	1211 METRES	1965	APPROX. 9FT. CORE										
C 65008	483	365	42°45.10'N	62°57.78'E	SCOTIA SLOPE	1042 METRES	1965	4-5FT. CORE										
C 65008	484	366	42°45.10'N	63°04.62'E	SCOTIA SLOPE	1068 METRES	1965	11.5FT. CORE										
C 65008	485	367	42°45.10'N	63°11.52'E	SCOTIA SLOPE	713 METRES	1965	1FT. CORE										
C 65008	486	368	42°45.10'N	63°18.18'E	SCOTIA SLOPE	805 METRES	1965	11FT. CORE										
C 65008	487	369	42°45.10'N	63°24.90'E	SCOTIA SLOPE	768 METRES	1965	3.5FT. CORE										
C 65008	488	370	42°45.00'N	63°31.62'E	SCOTIA SLOPE	670 METRES	1965	5FT. CORE										
C 65008	489	371	42°44.70'N	63°38.40'E	SCOTIA SLOPE	715 METRES	1965	5-6FT. CORE										
C 65008	490	372	42°44.70'N	63°40.38'E	SCOTIA SLOPE	646 METRES	1965	6FT. CORE	1450	0.00	0.72	0.20	0.08	3.50	2.50	4.50		
65008	491	337			SCOTIA SLOPE	338 METRES	1965	COBBLE; POOR SAMPLE	1466	0.15	0.39	0.46	0.00	4.00	2.00	5.00		
65008	492	336			SCOTIA SLOPE	229 METRES	1965	GRAVEL, SAND AND SHELL FRAGMENTS, LESS COARSE MATERIAL										
65008	493	335			SCOTIA SLOPE													
65008	494	373			SCOTIA SLOPE	649 METRES	1965	FINE SAND AND SILT	Y1	0.00	0.26	0.61	0.13	4.50	4.00	5.50		
65008	495	120			SCOTIA SLOPE	480 METRES	1965	FINE SAND AND SILT										
65008	496	375			SCOTIA SLOPE	297 METRES	1965	FINE SAND AND SILT	Y3	0.02	0.63	0.32	0.03	4.00	3.50	4.50		
65008	497	376			SCOTIA SLOPE	230 METRES	1965	FINE SAND	1501	0.00	0.93	0.07	0.00	3.50	3.00	3.50		
65008	498	377			SCOTIA SLOPE	161 METRES	1965	FINE WELL ROUNDED SAND		0.01	0.97	0.02	0.00	3.00	2.50	3.50		
* 65008	499	378			SCOTIA SLOPE	132 METRES	1965	FINE SAND, QUAHOG		0.02	0.94	0.04	0.00	3.00	2.50	3.00		
65008	500	379			SCOTIAN SHELF	106 METRES	1965	FINE TO MEDIUM SAND	501	0.02	0.96	0.02	0.00	3.00	2.50	3.50		

* Sample has been analyzed for organic carbon and CO₂

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	501	380			SCOTLAN SHELF	81 METRES	1965	QUAHOG SHELLS FINE TO MEDIUM SAND	502	0.05	0.91	0.04		3.00	2.00	3.50	
* 65008	502	381			SCOTLAN SHELF	66 METRES	1965	AND QUAHOG SHELLS MEDIUM SAND AND	9	0.01	0.97	0.02	0.00	2.35	2.50	2.50	
* 65008	503	382			SCOTLAN SHELF	64 METRES	1965	SHELL FRAGMENTS MEDIUM SAND AND	503	0.17	0.81	0.02		2.20	2.48	2.75	
								MANY SHELL FRAGMENTS									
* 65008	504	383			SCOTLAN SHELF	62 METRES	1965	MEDIUM SAND	11	0.04	0.95	0.01		2.53	2.25	3.00	
* 65008	505	384			SCOTLAN SHELF	57 METRES	1965	MEDIUM SAND	505	0.02	0.96	0.02	0.00	2.10	1.70	2.40	
* 65008	506	385			SCOTLAN SHELF	59 METRES	1965	MEDIUM SAND WITH QUAHOG BED WITH OXIDIZING AND REDUCING LAYERS	506	0.01	0.96	0.03	0.00	3.10	2.75	3.40	
* 65008	507	386			SCOTLAN SHELF	53 METRES	1965	MEDIUM SAND WITH QUAHOG BED WITH OXIDIZING AND REDUCING LAYERS	507	0.20	0.78	0.02	0.00	2.60	2.30	2.70	
* 65008	508	387			SCOTLAN SHELF	55 METRES	1965	REDUCING LAYERS MEDIUM SAND AND SHELLS	508	0.05	0.92	0.03	0.00	3.00	3.30	2.60	
* 65008	509	388			SCOTLAN SHELF	55 METRES	1965	SAND WITH OXIDIZING AND REDUCING LAYERS WITH QUAHOGS	509	0.02	0.96	0.02	0.00	3.00	2.60	3.40	
* 65008	510	389			SCOTLAN SHELF	48 METRES	1965	COARSE SAND	17	0.00	1.00	0.00	0.00	2.50	1.40	1.50	
* 65008	511	390	45°25.50'N	59°29.00'E	NW OF MISALINE BANK MAP 4041C	37 METRES	1965	COARSE SAND	18	0.00	1.00	0.00	0.00	2.00	1.75	1.90	
* 65008	512	391	45°27.20'N	59°28.00'E	NORTH OF MISALINE BANK MAP 4041	37 METRES	1965	COARSE SAND	512	0.01	0.97	0.02	0.00	1.80	1.50	2.40	
* 65008	513	392	45°29.00'N	59°27.50'E	NORTH OF MISALINE BANK MAP 4041	33 METRES	1965	COARSE SAND	392	1.00	0.00	0.00	0.00	2.30	2.00	2.35	

* Sample has been analyzed for organic carbon and CO₂

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	514	393	45°31.00'N	59°27.50'E	NORTH OF MISALINE BANK MAP 4041	40 METRES	1965	COARSE SAND	514	0.01	0.99	0.00	0.00	2.40	2.20	2.80	
* 65008	515	394	45°32.80'N	59°26.50'E	NORTH OF MISALINE BANK	33 METRES	1965	COARSE TO MEDIUM SAND	515	0.00	1.00	0.00	0.00	2.75	2.30	3.30	
* 65008	516	395	45°34.00'N	59°27.00'E	NORTH OF MISALINE BANK MAP 4041	30 METRES	1965	MEDIUM SAND	516	0.00	0.98	0.02	0.00	2.70	2.20	3.40	
* 65008	517	396	45°34.00'N	59°31.00'E	NORTH OF MISALINE BANK	26 METRES	1965	MEDIUM SAND WITH HIGH CONC. OF HEAVY BLK MINERALS	24	0.00	1.00	0.00	0.00	2.00	1.80	2.50	
* 65008	518	397	45°33.70'N	59°32.20'E	NORTH OF MISALINE BANK	26 METRES	1965	MEDIUM SAND	518	0.01	0.99	0.00	0.00	1.60	1.20	2.30	
* 65008	519	398	45°35.00'N	59°33.00'E	NORTH OF MISALINE BANK	26 METRES	1965	MEDIUM SAND	519	0.01	0.97	0.02	0.00	1.60	1.30	1.80	
* 65008	520	399	45°37.00'N	59°32.80'E	NORTH OF MISALINE BANK	33 METRES	1965	MEDIUM SAND	520	0.00	0.99	0.01	0.00	2.00	2.60	2.40	
* 65008	521	400	45°39.00'N	59°32.80'E	NORTH OF MISALINE BANK	68 METRES	1965	MEDIUM TO FINE SAND	521	0.03	0.97	0.00	0.00	2.80	2.50	3.35	
* 65008	522	401	45°40.60'N	59°32.80'E	NORTH OF MISALINE BANK	26 METRES	1965	COARSE TO MEDIUM SAND	522	0.00	1.00	0.00	0.00	1.80	1.60	2.10	
* 65008	523	402	45°42.50'N	59°32.80'E	NORTH OF MISALINE BANK	86 METRES	1965	MEDIUM SAND	523	0.00	0.98	0.02	0.00	2.40	1.80	3.00	
* 65008	524	403	45°44.40'N	59°32.50'E	NORTH OF MISALINE BANK	117 METRES	1965	FINE SAND	31	0.00	0.92	0.08	0.00	2.75	2.60	3.20	
* 65008	525	404	45°46.20'N	59°32.40'E	SOUTH OF SCATARIE ISLAND	132 METRES	1965		Y 32	0.00	0.87	0.11	0.02	2.65	2.30	3.40	
* 65008	526	405	45°47.80'N	59°32.40'E	SOUTH OF SCATARIE ISLAND	183 METRES	1965	DARK BROWN SILT	Y 33	0.00	0.65	0.28	0.07	3.50	2.80	4.30	
* 65008	527	406	45°49.60'N	59°32.40'E	SOUTH OF SCATARIE ISLAND	70 METRES	1965	COBBLES, PEBBLES AND RECENT MID ONE BAG FOR G SIZE ONLY	527	0.00	0.91	0.09	0.00	2.00	1.30	2.70	

* Sample has been analyzed for organic carbon and CO₂

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	528	407	45°50.30'N	59°28.80'E	SOUTH OF SCATARIE ISLAND	132 METRES	1965	TILL	Y 35	0.43	0.41	0.08	0.08	0.50	-3.00	3.30	
* 65008	529	408	45°50.50'N	59°25.70'E	ST. ANNE'S BANK	146 METRES	1965	CLAY AND SILT	Y 36	0.00	0.42	0.41	0.17	4.20	3.70	6.00	
* 65008	530	409	45°49.50'N	59°25.80'E	SOUTH OF ST ANNE'S BANK	152 METRES	1965	SILTY CLAY	Y 37	0.00	0.10	0.53	0.37	6.50	4.70	9.40	
* 65008	531	410	45°47.70'N	59°25.80'E	SOUTH OF ST ANNE'S BANK	135 METRES	1965	SILTY CLAY	Y 38	0.00	0.32	0.55	0.13	4.40	3.80	5.40	
* 65008	532	411	45°45.90'N	59°25.90'E	SOUTH OF ST ANNE'S BANK	110 METRES	1965	SAND AND GRAVEL OXIDIZING AND REDUCING LAYERS	39	0.03	0.95	0.02		1.60	1.20	2.00	
* 65008	533	412	45°44.20'N	59°25.90'E	SOUTH OF ST ANNE'S BANK	91 METRES	1965	SAND AND GRAVEL OXIDIZING AND REDUCING LAYERS	533	0.03	0.95	0.02		2.10	1.80	2.30	
* 65008	534	413	45°42.20'N	59°25.40'E	SOUTH OF ST ANNE'S BANK		1965	FINE TO MEDIUM SAND	Y 41	0.00	0.66	0.26	0.08	3.50	2.80	4.30	
* 65008	535	414	45°40.30'N	59°25.30'E	SOUTH OF ST ANNE'S BANK	59 METRES	1965	COARSE SAND	42	0.01	0.99	0.00	0.00	1.40	1.30	1.50	
* 65008	536	415	45°38.00'N	59°25.30'E	SOUTH OF ST ANNE'S BANK	33 METRES	1965	COARSE SAND	43	0.00	1.00	0.00	0.00	2.20	1.70	2.30	
* 65008	537	416	45°36.50'N	59°21.10'E	SOUTH OF ST ANNE'S BANK	26 METRES	1965	COARSE SAND	44	0.07	0.93	0.00	0.00	1.50	1.30	1.70	
* 65008	538	417	45°34.70'N	59°18.00'E	SOUTH OF ST ANNE'S BANK	20 METRES	1965	COARSE SAND	45	0.00	1.00	0.00	0.00	2.20	1.70	2.30	
* 65008	539	418	45°38.30'N	59°18.40'E	SOUTH OF ST ANNE'S BANK	79 METRES	1965	MEDIUM SAND OXIDIZING AND REDUCING LAYERS	539	0.01	0.97	0.03		2.70	2.40	3.30	
* 65008	540	419	45°40.00'N	59°17.60'E	NORTH OF MISALINE BANK	121 METRES	1965	MEDIUM SAND OXIDIZING AND REDUCING LAYERS	540	0.01	0.97	0.02	0.00	2.40	1.90	2.70	

* Sample has been analyzed for organic carbon and CO₃

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	541	420	45°41.80'N	59°17.70'E	NORTH OF MISAINÉ BANK	150 METRES	1965	MEDIUM SAND OXIDIZING AND REDUCING LAYERS	Y 48	0.00	0.67	0.27	0.06	3.20	3.00	4.40	
* 65008	542	421	45°43.90'N	59°17.70'E	NORTH OF MISAINÉ BANK	150 METRES	1965	FINE SAND AND SILT OXIDIZING AND REDUCING LAYERS	49	0.00	0.77	0.23	0.00	3.50	3.40	3.90	
* 65008	543	422	45°45.80'N	59°18.10'E	SOUTH OF ST ANNE'S BANK	190 METRES	1965	FINE SAND AND SILT OXIDIZING LAYERS	50	0.00	0.87	0.13	0.00	3.20	2.80	3.70	
* 65008	544	423	45°47.60'N	59°18.30'E	SOUTH OF ST ANNE'S BANK	117 METRES	1965	MEDIUM SAND AND PEBBLES	544	0.40	0.58	0.02	0.00	1.70		2.40	
* 65008	545	424	45°49.40'N	59°18.20'E	SOUTH OF ST ANNE'S BANK	181 METRES	1965	SAND AND SILT	Y 52	0.02	0.86	0.11	0.02	2.00	1.50	3.00	
* 65008	546	425	45°51.40'N	59°18.30'E	SOUTH OF ST ANNE'S BANK	132 METRES	1965	FINE SAND AND SILT DARK BROWN TO BLACK	Y 53	0.00	0.60	0.28	0.12	3.70	3.20	4.40	
* 65008	547	426	45°53.10'N	59°18.20'E	ST ANNE'S BANK	121 METRES	1965	FINE SAND AND SILT BROWN TO BLACK	Y 54	0.00	0.47	0.41	0.12	4.10	3.60	4.70	
* 65008	548	427	45°55.00'N	59°18.40'E	ST ANNE'S BANK	91 METRES	1965	MEDIUM SAND COBBLES AND PEBBLES	548	0.46	0.52	0.02		1.40		2.40	
* 65008	549	428	45°55.10'N	59°14.80'E	ST ANNE'S BANK	99 METRES	1965	FINE AND MEDIUM SAND FEW SMALL PEBBLES	560	0.04	0.80	0.16		3.40	3.00	3.80	
* 65008	550	429	45°55.20'N	59°11.30'E	ST ANNE'S BANK	104 METRES	1965	FINE SAND SOME COARSER SAND AND COBBLES AND PEBBLES	550	0.34	0.64	0.02	0.00	1.60	-3.00	2.60	
* 65008	551	430	45°53.40'N	59°11.00'E	ST ANNE'S BANK	113 METRES	1965	FINE SAND AND GRAVEL COBBLES AND 1 LARGE BOULDER	580	0.19	0.79	0.02	0.00	1.80	0.20	2.40	

* Sample has been analyzed for organic carbon and C03

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	552	431	45°51.40'N	59°10.90'E	SOUTH OF ST ANNE'S BANK	121 METRES	1965	FINE SAND AND ABUNDANT GRAVEL	59	0.42	0.55	0.03	0.00	0.40	-1.90	3.00	
* 65008	553	432	45°49.70'N	59°11.20'E	SOUTH OF ST ANNE'S BANK	128 METRES	1965	FINE SAND AND GRAVEL	Y 60	0.05	0.69	0.18	0.08	3.30	2.50	4.00	
* 65008	554	433	45°47.70'N	59°10.90'E	SOUTH OF ST ANNE'S BANK	132 METRES	1965	FINE SAND SOME OXIDIZED MATERIAL	Y 61	0.00	0.86	0.06	0.08	3.50	2.80	4.20	
* 65008	555	434	45°45.80'N	59°11.10'E	SOUTH OF ST ANNE'S BANK	139 METRES	1965	FINE SAND	Y 62	0.00	0.71	0.17	0.12	3.60	3.30	4.00	
* 65008	556	435	45°43.80'N	59°11.00'E	SCOTIAN SHELF	150 METRES	1965	FINE SAND AND SILT	Y 63	0.00	0.40	0.31	0.29				
* 65008	557	436	45°41.80'N	59°11.10'E	SE OF ST ANNE'S BANK	145 METRES	1965	MEDIUM AND FINE SAND GRAVEL AND COBBLES	Y 64	0.00	0.45	0.29	0.26	4.20	3.20	8.40	
* 65008	558	437	45°40.00'N	59°11.40'E	SOUTH OF ST ANNE'S BANK	135 METRES	1965	FINE MEDIUM AND COARSE SAND AND GRAVEL	Y 65	0.08	0.70	0.20	0.00	2.70	1.60	3.60	
* 65008	559	438	45°37.70'N	59°10.80'E	SOUTH OF ST ANNE'S BANK	128 METRES	1965	FINE TO MEDIUM SAND AND GRAVEL	Y 66	0.45	0.46	0.04	0.05				
* 65008	560	439	45°35.90'N	59°11.20'E	SOUTH OF ST ANNE'S BANK	121 METRES	1965	FINE TO MEDIUM SAND AND GRAVEL AND SHELL FRAGMENTS	670	0.53	0.44	0.03	0.00				
* 65008	561	440	45°33.70'N	59°11.20'E	SOUTH OF ST ANNE'S BANK	113 METRES	1965	FINE TO MEDIUM SAND GRAVEL AND COBBLES	68	0.46	0.52	0.02	0.00				
* 65008	562	441	45°31.50'N	59°11.20'E	SOUTH OF ST ANNE'S BANK	110 METRES	1965	MEDIUM TO FINE SAND GRAVEL AND COBBLES	690	0.55	0.44	0.01	0.00				
* 65008	563	442			SCOTIAN SHELF	91 METRES	1965	1 LARGE COBBLE									
* 65008	564	443	45°26.80'N	59°10.70'E	MISLAINE BANK	101 METRES	1965	FINE TO MEDIUM SAND WITH SOME COARSE SAND GRAVEL AND COBBLES	564	0.95	0.04	0.01	0.00				

* Sample has been analyzed for organic carbon and CO₂

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	565	444	45°35.20'N	59°10.70'E	MISALINE BANK	102 METRES	1965	COARSE TO MEDIUM SAND AND GRAVEL	565	0.43	0.56	0.01	0.00				
* 65008	566	445	45°25.80'N	59°07.40'E	MISALINE BANK	95 METRES	1965	MEDIUM SAND AND COBBLES	566	0.53	0.47	0.00	0.00				
* 65008	567	446	45°35.30'N	59°03.70'E	NORTH OF MISALINE BANK	95 METRES	1965	COARSE SAND	567	0.03	0.95	0.02	0.00				
* 65008	568	447	45°33.60'N	59°03.30'E	NORTH OF MISALINE BANK	115 METRES	1965	COARSE SAND	568	0.03	0.95	0.02					
* 65008	569	448	45°31.30'N	59°03.30'E	NORTH OF MISALINE BANK	146 METRES	1965	MEDIUM TO FINE SAND OXIDIZING AND REDUCING LAYERS	76	0.00	0.98	0.02					
* 65008	570	449	45°31.20'N	59°03.40'E	NORTH OF MISALINE BANK	91 METRES	1965	COARSE SAND	570	0.02	0.95	0.03	0.00				
* 65008	571	450	45°33.50'N	59°03.30'E	NORTH OF MISALINE BANK	82 METRES	1965	MEDIUM SAND WITH SHELLS	571	0.04	0.93	0.03	0.00				
* 65008	572	451	45°35.60'N	59°03.50'E	NORTH OF MISALINE BANK	64 METRES	1965	COARSE SAND	572	0.02	0.98	0.00	0.00				
* 65008	573	452	45°37.80'N	59°03.20'E	NORTH OF MISALINE BANK	135 METRES	1965	MEDIUM SAND	Y 80	0.00	0.60	0.33	0.07				
* 65008	574	453	45°39.70'N	59°03.20'E	NORTH OF MISALINE BANK	139 METRES	1965	FINE SAND AND SILT	Y 81	0.00	0.52	0.42	0.06				
* 65008	575	454	45°41.80'N	59°03.10'E	NORTH OF MISALINE BANK	93 METRES	1965	COARSE SAND AND GRAVEL	575	0.56	0.42	0.02	0.00				
* 65008	576	455	45°43.90'N	59°03.50'E	NORTH OF MISALINE BANK	117 METRES	1965	COARSE SAND AND GRAVEL	83	0.00	0.98	0.02	0.00				
* 65008	577	456	45°45.90'N	59°03.90'E	NORTH OF MISALINE BANK	91.00 METRES	1965	COBBLES FIBBLES AND SAND	84	0.94	0.05	0.01	0.00				
* 65008	578	457	45°47.90'N	59°03.90'E	NORTH OF MISALINE BANK	157.00 METRES	1965	FINE SAND AND SILT VERY DARK BROWN	Y 85	0.00	0.11	0.54	0.35				

* Sample has been analyzed for organic carbon and CO₂

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	579	458	45°49.80'N	59°03.60'E	SE OF ST ANNE'S BANK	154.00 METRES	1965	CLAY AND SILT	Y 86	0.00	0.12	0.55	0.33				
* 65008	580	459	45°51.80'N	59°03.50'E	SE OF SCATARIE BANK	126.00 METRES	1965	FINE SAND AND SILT	Y 87	0.00	0.66	0.25	0.09				
* 65008	581	460	45°53.60'N	59°03.40'E	SE OF SCATARIE BANK	65.00 METRES	1965	COARSE SAND AND GRAVEL	581	0.07	0.91	0.02	0.00				
* 65008	582	461	45°55.60'N	59°03.70'E	ST ANNE'S BANK	100.00 METRES	1965	MEDIUM SAND MANY SAND DOLLARS AND WORKS	89	0.04	0.94	0.02	0.00	2.00			
* 65008	583	462	45°57.30'N	59°03.50'E	SCOTTIAN SHELF	60.00 METRES	1965	MEDIUM SAND AND SOME SHELL FRAGMENTS	90	0.07	0.90	0.03	0.00	2.50			
* 65008	584	463	45°59.30'N	59°03.70'E	EAST OF SCATARIE BANK	75.00 METRES	1965	MEDIUM SAND AND GRAVEL SHELL FRAGMENTS	91	0.04	0.91	0.05	0.00	0.70			
* 65008	585	464	46°00.50'N	59°03.30'E	EAST OF SCATARIE BANK	106.00 METRES	1965	MEDIUM SAND AND GRAVEL	92	0.00	0.93	0.07	0.00				
* 65008	586	465	46°00.30'N	59°00.70'E	EAST OF SCATARIE BANK	165.00 METRES	1965	FINE SAND SILT AND CLAY	Y 93	0.00	0.58	0.28	0.14	3.30			
* 65008	587	466			SCOTTIAN SHELF	229 METRES	1965	MEDIUM TO COARSE SAND AND SILT		0.00	0.77	0.11	0.12				
* 65008	588	467			SCOTTIAN SHELF	194 METRES	1965	MEDIUM TO FINE SAND		0.00	0.77	0.16	0.07	1.60			
* 65008	589	468			SCOTTIAN SHELF	95 METRES	1965	FINE TO MEDIUM SAND AND GRAVEL AND COBBLES		0.74	0.24	0.02	0.00				
* 65008	590	469			SCOTTIAN SHELF	139 METRES	1965	FINE TO MEDIUM SAND		0.01	0.96	0.03	0.00	2.20			
* 65008	591	470			SCOTTIAN SHELF	135 METRES	1965	FINE TO MEDIUM SAND		0.00	0.73	0.21	0.06				
* 65008	592	471			SCOTTIAN SHELF	100 METRES	1965	FINE TO MEDIUM SAND AND SHELL FRAGMENTS		0.03	0.92	0.05	0.00	2.90			
* 65008	593	472			SCOTTIAN SHELF	37 METRES	1965	COARSE SAND AND SHELL FRAGMENTS		0.10	0.90	0.00		1.50			

* Sample has been analyzed for organic carbon and C03

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	594	473			SCOTIAN SHELF	33 METRES	1965	COARSE SAND AND SHELL FRAGMENTS		0.03	0.97	0.00	0.00	0.00	2.00		
* 65008	595	474			SCOTIAN SHELF	48 METRES	1965	COARSE SAND AND FEW SHELL FRAGMENTS		0.00	0.99	0.01	0.00	2.60			
* 65008	596	475			SCOTIAN SHELF	51 METRES	1965	MEDIUM SAND FEW SHELL FRAGMENTS		0.02	0.98	0.00					
* 65008	597	476			SCOTIAN SHELF	73 METRES	1965	MEDIUM SAND		0.31	0.67	0.02	0.00				
* 65008	598	477			SCOTIAN SHELF	86 METRES	1965	FINE TO MEDIUM SAND		0.00	0.82	0.08	0.10				
* 65008	599	478			SCOTIAN SHELF	143 METRES	1965	FINE SILTY SAND		0.00	0.85	0.15	0.00				
* 65008	600	479			SCOTIA SLOPE	80 METRES	1965	GRAVEL		0.94	0.06	0.00	0.00				
* 65008	601	480			SCOTIA SLOPE	84 METRES	1965	GRAVEL									
* 65008	602	481			SCOTIA SLOPE	176 METRES	1965	FINE SAND		0.00	0.60	0.16	0.24				
* 65008	603	482			SCOTIA SLOPE	91 METRES	1965	GRAVEL		0.72	0.27	0.01	0.00				
* 65008	604	483			SCOTIA SLOPE	82 METRES	1965	SAND AND GRAVEL		0.65	0.23	0.05	0.07				
* 65008	605	484			SCOTIA SLOPE	152 METRES	1965	FINE SAND AND SILT; OXIDIZING AND REDUCING LAYERS	Y112	0.00	0.68	0.19	0.13				
* 65008	606	485			SCOTIA SLOPE	143 METRES	1965	MED-FINE SAND AND SILT	Y113	0.01	0.90	0.04	0.05				
* 65008	607	486			SCOTIA SLOPE	260 METRES	1965	MD									
* 65008	608	487			SCOTIA SLOPE	87 METRES	1965	GRAVEL; MANY PEBBLES	Y115	0.97	0.03	0.00	0.00				
* 65008	609	488			SCOTIA SLOPE	88 METRES	1965	GRAVEL	116	0.91	0.09	0.00	0.00				
* 65008	610	489			SCOTIA SLOPE	223 METRES	1965	FINE SAND; MOSTLY SILT	Y117	0.00	0.36	0.37	0.27				
* 65008	611	490			SCOTIA SLOPE	86 METRES	1965	SAND AND GRAVEL	Y118	0.30	0.68	0.02	0.00				
* 65008	612	491			SCOTIA SLOPE	214 METRES	1965	SILT AND CLAY	Y119	0.37	0.28	0.35	0.00				
* 65008	613	492			SCOTIA SLOPE	91 METRES	1965	SAND AND GRAVEL	Y120	0.74	0.26	0.00	0.00				
* 65008	614	493			SCOTIA SLOPE	190 METRES	1965	SILT	Y121	0.00	0.67	0.13	0.20				
* 65008	615	494			SCOTIA SLOPE	209 METRES	1965	SILT	Y122	0.01	0.65	0.12	0.22				

* Sample has been analyzed for organic carbon and O₃

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Ceological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	616	495			SCOTIA SLOPE	234 METRES	1965	SILT AND CLAY	Y123	0.00	0.07	0.35	0.58				
* 65008	617	496			SCOTIA SLOPE	219 METRES	1965	SILT AND CLAY	Y124	0.00	0.33	0.19	0.48				
* 65008	618	497			SCOTIA SLOPE	82 METRES	1965	GRAVEL	Y125	0.88	0.12	0.00	0.00				
* 65008	619	498			SCOTIA SLOPE	102 METRES	1965	MED-SAND	Y126	0.12	0.87	0.01	0.00				
* 65008	620	499			SCOTIA SLOPE	165 METRES	1965	SANDY SILT	Y127	0.00	0.46	0.21	0.33				
* 65008	621	500			SCOTIA SLOPE	146 METRES	1965	SANDY SILT	Y128	0.00	0.62	0.21	0.17				
* 65008	622	501			SCOTIA SLOPE	40 METRES	1965	SAND AND GRAVEL	Y129	0.62	0.38	0.00	0.00				
* 65008	623	502			SCOTIA SLOPE	33 METRES	1965	COARSE SAND	Y130	0.01	0.99	0.00	0.00				
* 65008	624	503			SCOTIA SLOPE	37 METRES	1965	COARSE SAND	Y131	0.01	0.99	0.00	0.00				
* 65008	625	504			SCOTIA SLOPE	55 METRES	1965	COARSE SAND	Y132	0.02	0.98	0.00	0.00				
* 65008	626	505			SCOTIA SLOPE		1965	FINE TO MED SAND CORBELS AND PEBBLES	Y133	0.36	0.64	0.00	0.00				
* 65008	627	506			SCOTIA SLOPE	146 METRES	1965	FINE SAND AND SILT	Y134	0.01	0.90	0.05	0.04				
* 65008	628	507			SCOTIA SLOPE	128 METRES	1965	FINE SAND	Y135	0.00	0.84	0.11	0.05				
* 65008	629	508			SCOTIA SLOPE	139 METRES	1965	MED SAND,SOME COARSE SAND,PEBBLES	Y136	0.53	0.47	0.00	0.00				
* 65008	630	509			SCOTIA SLOPE	165 METRES	1965	MED SAND,SOME SMALL PEBBLES	Y137	0.04	0.95	0.01	0.00				
* 65008	631	510			SCOTIA SLOPE	143 METRES	1965	MED TO COARSE SAND AND SOME SMALL PEBBLES	Y138	0.17	0.81	0.02	0.00				
* 65008	632	511			SCOTIA SLOPE	70 METRES	1965	COARSE SAND	Y139	0.03	0.97	0.00	0.00				
* 65008	633	512			SCOTIA SLOPE	187 METRES	1965	FINE TO MED SAND	Y140	0.00	0.65	0.19	0.18				
* 65008	634	513			SCOTIA SLOPE	245 METRES	1965	FINE SAND	Y141	0.00	0.59	0.22	0.19				
* 65008	635	514			SCOTIA SLOPE	132 METRES	1965	FINE SAND	Y142	0.00	0.94	0.06	0.00				
* 65008	636	515			SCOTIA SLOPE	199 METRES	1965	FINE SAND	Y143	0.00	0.07	0.40	0.53				
* 65008	637	516			SCOTIA SLOPE	73 METRES	1965	COARSE SAND	Y144	0.01	0.98	0.01	0.00				
* 65008	638	517			SCOTIA SLOPE	84 METRES	1965	COARSE SAND TO BOULDERS - TILL	Y145	0.97	0.03	0.00	0.00				

* Sample has been analyzed for organic carbon and CO₃

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
* 65008	639	518			SCOTIA SLOPE	205 METRES	1965	FINE SAND	Y146	0.00	0.31	0.33	0.36				
* 65008	640	519			SCOTIA SLOPE	293 METRES	1965	FINE SAND AND SILT	Y147	0.01	0.04	0.32	0.63				
65008	641	520			SCOTIA SLOPE	353 METRES	1965	CLAY AND SILT; OXIDIZING AND REDUCING LAYERS	-641	0.00	0.04	0.58	0.38				
65008	642	521			SCOTIA SLOPE	165 METRES	1965	MED SAND AND PEBBLES	1464	0.01	0.98	0.01	0.00				
65008	643	522			SCOTIA SLOPE	82 METRES	1965	MED SAND, PEBBLES AND COBBLES	1508	0.50	0.29	0.20	0.01				
65008	644	523			SCOTIA SLOPE	81 METRES	1965	MED SAND, PEBBLES AND COBBLES	1459	0.09	0.34	0.57	0.00				
65008	645	524			SCOTIA SLOPE	99 METRES	1965	MED SAND, PEBBLES, AND COBBLES	511	0.06	0.11	0.83	0.00				
65008	646	525			SCOTIA SLOPE	119 METRES	1965	MED SAND AND PEBBLES	1460	0.12	0.06	0.82	0.00				
65008	647	526			SCOTIA SLOPE	245 METRES	1965	CLAYEY SILT	1446	0.00	0.15	0.47	0.38				
65008	648	528			SCOTIA SLOPE	165 METRES	1965	SAND AND SILT	1518	0.00	0.93	0.07	0.00				
65008	649	527			SCOTIA SLOPE	187 METRES	1965	FINE SAND, SILT AND PEBBLES	1447	0.00	0.73	0.13	0.14				
65008	650	529			SCOTIA SLOPE	190 METRES	1965	SILTY CLAY	1441	0.00	0.03	0.51	0.46				
65008	651	530			SCOTIA SHELF	271 METRES	1965	CLAY	1440	0.00	0.11	0.47	0.42				
65008	652	531			SCOTIA SHELF	201 METRES	1965	MED AND FINE SAND, SOME SILT	1663	0.00	0.98	0.02	0.00				
65008	653	532			SCOTIA SHELF	117 METRES	1965	MED AND FINE SAND AND SILT	1472	0.00	0.97	0.03	0.00				
65008	654	533			SCOTIA SHELF	245 METRES	1965	CLAY AND SOME SILT	1443	0.00	0.16	0.47	0.37				
65008	655	534			SCOTIA SHELF	183 METRES	1965	SILT AND CLAY	1437	0.00	0.57	0.30	0.13				
65008	656	535			SCOTIA SHELF	146 METRES	1965	MED TO FINE SAND, SOME SILT	1444	0.00	0.80	0.14	0.06				

* Sample has been analyzed for organic carbon and O₃

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	First Quart.	Third Quart.	Quart. Dev.
65008	657	536			SCOTIA SHELF	110 METRES	1965	SAND, PEBBLES AND COBBLES	1453	0.33	0.52	0.08	0.07				
65008	658	537			SCOTIA SHELF	91 METRES	1965	1 COBBLE-TASTE OF SANDY MUD; BEDROCK?									
65008	659	538			SCOTIA SHELF	88 METRES	1965	1 COBBLE; 5 PEBBLES; BEDROCK?									
65008	660	539			SCOTIA SHELF	66 METRES	1965	COBBLES									
65008	661	540			SCOTIA SHELF	29 METRES	1965	BEDROCK-NO SAMPLE									
65008	662	541			SCOTIA SHELF	102 METRES	1965	MED TO FINE SAND	1668	0.04	0.93	0.03	0.00				
65008	663	542			SCOTIA SHELF	70 METRES	1965	COBBLES AND PEBBLES									
65008	664	543			SCOTIA SHELF	84 METRES	1965										
65008	665	544			SCOTIA SHELF	333 METRES	1965	FINE TO MED SAND	1671	0.00	0.88	0.12	0.00				
65008	666	545			SCOTIA SHELF	262 METRES	1965	LARGE TO SMALL COBBLES, AND BOULDERS; SILT TO MED SAND, POORLY SORTED	1673	0.50	0.29	0.21	0.00				
65008	667	546			SCOTIA SHELF	352 METRES	1965	SAND TO GRAVEL	1674	0.50	0.24	0.26	0.00				
65008	668	547			SCOTIA SHELF	254 METRES	1965	SAND AND GRAVEL									
65008	669	548			SCOTIA SHELF	245 METRES	1965	COBBLES AND PEBBLES									
65008	670	549			SCOTIA SHELF	241 METRES	1965	COBBLES AND PEBBLES	1520	0.15	0.70	0.15	0.00				
65008	671	550			SCOTIA SHELF	236 METRES	1965	1 COBBLE									
65008	672	551			SCOTIA SHELF	216 METRES	1965	1 COBBLE									
65008	673	552			SCOTIA SHELF	91 METRES	1965	COARSE SAND	1475	0.01	0.99	0.00	0.00				
65008	674	553			SCOTIA SHELF	51 METRES	1965	COBBLES AND PEBBLES									
65008	675	554			SCOTIA SHELF	66 METRES	1965	FINE GRAVEL	1455	0.04	0.86	0.10	0.00				
65008	676	555			SCOTIA SHELF	152 METRES	1965	GRAVEL AND SAND									
65008	677	556			SCOTIA SHELF	110 METRES	1965	TASTE OF GRAVEL; POSSIBLY COVERING BEDROCK	1536	0.00	0.06	0.53	0.41				

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	701	701	43°19.60'N	61°16.10'W	SABLE ISLAND BANK SLOPE	91 M	1966	FINE SAND MANY SHELLS	3096	0.19	0.80	0.03	0.00	2.40					
66004	702	702	43°19.80'N	61°09.10'W	SABLE ISLAND BANK SLOPE EDGE	154 M	1966	VERY FINE SAND AND SHELLS	4219	0.00	0.97	0.01	0.02	1.90	2.17	1.19	0.55	1.81	22.24
66004	703	703	43°19.80'N	61°01.90'W	SABLE ISLAND BANK SLOPE EDGE	126 M	1966	FINE SAND SHELLS	4206		0.98	0.01	0.01	2.50	2.63	0.93	0.25	2.78	41.99
66004	704	704	43°19.90'N	60°55.00'W	SCOTTIAN SHELF	143 M	1966	FINE SAND AND SHELLS	4253	0.00	1.00	0.00	0.00	2.20	2.09	0.68	0.45	0.97	14.84
66004	705	705	43°23.80'N	60°41.00'W	SOUTH OF SABLE ISLAND BANK	150 M	1966	FINE SAND AND SHELLS	4255	0.00	0.95	0.05	0.00	2.27	2.27	0.85	0.55	0.18	3.44
66004	706	706	43°25.60'N	60°34.20'W	SOUTH OF SABLE ISLAND BANK	146 M	1966	FINE SAND WELL ROUNDED	4345	0.02	0.97	0.01	0.00	1.50	1.48	1.14	0.50	-0.90	10.99
66004	707	707	43°27.50'N	60°27.20'W	SOUTH OF SABLE ISLAND BANK	140 M	1966	FINE SAND WELL ROUNDED	4261	0.00	1.00	0.00	0.00	1.80	1.84	0.80	0.50	0.12	2.91
66004	708	708	43°27.90'N	60°20.20'W	SOUTH OF SABLE ISLAND BANK	154 M	1966	FINE SAND	3081	0.00	0.99	0.01	0.00	2.50	2.47	0.63	0.35	-0.17	3.52
66004	709	709	43°28.60'N	60°13.10'W	SOUTH OF SABLE ISLAND BANK	189 M	1966	FINE SAND	4262	0.00	0.95	0.03	0.02	2.70	2.92	1.80	0.45	1.99	24.00
66004	710	710	43°30.00'N	60°13.40'W	SOUTH OF SABLE ISLAND BANK	147 M	1966	FINE SAND	4217	0.00	0.98	0.01	0.01	2.40	2.49	0.92	0.30	2.49	38.19
66004	711	711	43°34.90'N	60°06.40'W	SOUTH OF SABLE ISLAND BANK	122 M	1966	FINE SAND AND SHELLS	3074	0.00	1.00	0.00	0.00	2.20	2.09	0.59	0.45	-0.13	2.93
66004	712	712	43°35.20'N	60°00.00'W	SOUTH OF SABLE ISLAND BANK	159 M	1966	FINE SAND AND SHELLS	4196	0.00	0.98	0.01	0.01	3.00	2.99	0.89	0.50	1.29	22.22
66004	713	713	43°36.00'N	59°52.40'W	SOUTH OF SABLE ISLAND BANK	167 M	1966	FINE SAND		0.01	0.87	0.09	0.03	3.20	3.24	1.46	0.50	0.29	15.60
66004	714	714	43°37.70'N	59°45.50'W	SOUTH OF SABLE ISLAND BANK	162 M	1966	FINE SAND ROUNDED, HIGH HEAVY METAL CONTENT, BRITTLE STAR	4210	0.00	0.99	0.01	0.00	2.20					

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	715	715	43°40.00'N	59°45.50'E	SABLE ISLAND BANK	124 M	1966	FINE SAND VERY WELL ROUNDED	3084	0.00	0.99	0.01	0.00	2.20	2.18	0.59	0.45	0.01	3.78
66004	716	716	43°44.90'N	59°45.50'E	SABLE ISLAND BANK	68 M	1966	FINE TO MEDIUM WELL SORTED SAND, SAND DOLLARS AND BRITTLE STARS	4355	0.00	0.96	0.02	0.01		2.86	1.08	0.55	1.40	
66004	717	717	43°50.00'N	59°45.50'E	SABLE ISLAND BANK	48 M	1966	MEDIUM SAND WELL ROUNDED HEAVY MINERALS											
66004	718	718	43°50.00'N	59°52.40'E	SABLE ISLAND BANK	50 M	1966	MEDIUM SAND SPARKER RUN DUE SOUTH OF S-1. FROM STN 718											
66004	719	719	43°40.00'N	59°52.60'E	SABLE ISLAND BANK	94 M	1966	FINE SAND AND SHELLS	4201	0.00	0.97	0.02	0.01	2.10	2.22	1.08	0.55	2.01	27.00
66004	720	720	43°40.00'N	59°59.40'E	SABLE ISLAND BANK	93 M	1966	FINE SAND AND SHELLS		0.01	0.99	0.00	0.00	2.40					
66004	721	721	43°40.00'N	60°06.40'E	SABLE ISLAND BANK	80 M	1966	FINE SAND AND SHELLS		0.01	0.99	0.00	0.00	1.90					
66004	722	722	43°45.00'N	60°06.40'E	SABLE ISLAND BANK	62 M	1966	FINE SAND AND SHELLS	4208	0.13	0.85	0.01	0.01	2.50	1.78	2.62	0.50	-0.77	5.21
66004	723	723	43°45.10'N	59°59.50'E	SABLE ISLAND BANK	63 M	1966	FINE SAND AND SHELLS	3090	0.08	0.91	0.01	0.00	2.10	1.75	1.46	0.70	-0.78	
66004	724	724	43°45.10'N	59°51.50'E	SABLE ISLAND BANK	64 M	1966	FINE SAND AND SHELLS	3061	0.00	0.99	1.30	0.00	2.60	2.56	0.70	0.40	-0.15	3.63
66004	725	725	43°50.00'N	59°59.40'E	SABLE ISLAND BANK	47 M	1966	FINE SAND	4317	0.00	1.00	0.00	0.00	1.62	1.68	0.49	0.30	0.23	6.35
66004	726	726	43°50.00'N	60°06.20'E	SOUTH OF SABLE ISLAND	54 M	1966	FINE SAND AND MUD AND SHELLS. STRONG	3059	0.00	0.98			2.70	2.77	0.53	0.35	0.26	2.89

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Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	729	729	43°39.90'N	60°13.20'W	SOUTHWEST OF SABLE ISLAND	64 M	1966	MEDIUM SAND SHELLS	4361	0.00	0.94	0.06	0.00	2.70	2.81	0.64	0.35	-0.52	6.07
66004	730	730	43°33.60'N	60°12.70'W	SOUTHWEST OF SABLE ISLAND	100 M	1966	MEDIUM SAND AND SHELLS GRAINSIZE MISSING											
66004	731	731	43°30.00'N	60°20.40'W	SABLE ISLAND BANK	122 M	1966	FINE SAND											
66004	732	732	43°34.80'N	60°20.40'W	SABLE ISLAND BANK	83 M	1966	FINE SAND											
66004	733	733	43°39.90'N	60°20.40'W	SABLE ISLAND BANK	63 M	1966	MEDIUM SAND AND SHELLS											
66004	734	734	43°44.90'N	60°19.30'W	WEST OF SABLE ISLAND	58 M	1966	MEDIUM SAND AND SHELLS	4352	0.06	0.89	0.05	0.00	2.60	2.33	1.70	0.60	-1.27	10.06
66004	735	735	43°50.00'N	60°20.00'W	WEST OF SABLE ISLAND	53 M	1966	COARSE SAND; MANY SHELLS	2960	0.08	0.92	0.00	0.00						
66004	736	736	43°50.00'N	60°27.30'W	WEST OF SABLE ISLAND	50 M	1966	MEDIUM SAND AND SHELLS	3063	0.00	1.00	0.00	0.00	2.20	2.14	0.55	0.40	-0.16	2.35
66004	737	737	43°44.80'N	60°27.30'W	WEST OF SABLE ISLAND	58 M	1966	MEDIUM SAND AND SHELLS	4216	0.00	0.99	0.00	0.00	2.30	2.26	0.88	0.40	1.64	27.98
66004	738	738	43°59.80'N	60°27.30'W	WEST OF SABLE ISLAND	65 M	1966	FINE SAND	2982	0.00	1.00	0.00	0.00						
66004	739	739	43°34.70'N	60°27.20'W	SOUTHWEST OF SABLE ISLAND	67 M	1966	FINE SAND AND SHELLS	2941	0.00	1.00	0.00	0.00						
66004	740	740	43°30.00'N	60°27.20'W	SOUTHWEST OF SABLE ISLAND	103 M	1966	FINE SAND AND SHELLS	3103	0.00	0.99			2.30	2.24	0.66	0.40	-0.42	7.49

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	741	741	43°30.00'N	60°34.10'E	SOUTHWEST OF SABLE ISLAND	87 M	1966	FINE SAND AND SHELLS	4248	0.01	0.98			2.10	2.03	0.78	0.50	-0.52	7.37
66004	742	742	43°34.80'N	60°34.10'E	WEST OF SABLE ISLAND	75 M	1966	FINE SAND AND SHELLS	4359	0.05	0.94	0.00	0.00	2.40	2.11	1.46	0.35	-1.48	12.21
66004	743	743	43°39.90'N	60°34.10'E	WEST OF SABLE ISLAND	65 M	1966	FINE SAND AND QUAHOG SHELLS	4243	0.04	0.93	0.03	0.00	2.80	2.56	1.58	0.45	-1.75	15.68
66004	744	744	43°44.90'N	60°34.10'E	WEST OF SABLE ISLAND	62 M	1966	FINE SAND AND SHELLS	2963	0.00	1.00	0.00	0.00						
66004	745	745	43°50.00'N	60°34.10'E	WEST OF SABLE ISLAND	49 M	1966	MEDIUM SAND AND SHELLS QUAHOGS	4315	0.02	0.98	0.00	0.00	2.40	2.27	0.96	0.25	-2.35	28.50
66004	746	746	43°50.00'N	60°41.30'E	WEST OF SABLE ISLAND	40 M	1966	MEDIUM YELLOW SAND; NO SHELLS		0.00	1.00	0.00	0.00						
66004	747	747	43°47.30'N	60°42.50'E	WEST OF SABLE ISLAND	40 M	1966	MEDIUM SAND AND SHELLS	4360	0.00	1.00	0.00	0.00	1.40	1.29	0.64	0.40	-0.28	3.49
66004	748	748	43°39.80'N	60°41.10'E	WEST OF SABLE ISLAND	65 M	1966	MEDIUM SAND AND SHELLS		0.00	0.99	0.01	0.00	2.60	2.64	0.69	0.40	-0.59	8.05
66004	749	749	43°34.80'N	60°41.10'E	SOUTHWEST OF SABLE ISLAND	67 M	1966	MEDIUM SAND YELLOW; SAND DOLLAR	4214	0.00	1.00	0.00	0.00	1.40	1.42	0.47	0.30	0.19	6.66
66004	750	750	43°30.10'N	60°41.10'E	SOUTHWEST OF SABLE ISLAND	83 M	1966	MEDIUM SAND MANY SHELLS	4246	0.11	0.89	0.00	0.00	1.88	1.52	1.72	0.55	-0.94	5.92
66004	751	751	43°24.80'N	60°55.10'E	SW OF SABLE ISLAND BANK	97 M	1966	MUD, FINE SAND AND SHELLS	4225	0.08	0.91			2.20	1.74	1.70	0.55	-1.23	8.79

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Kurt.	
66004	752	43°30.00'N	60°55.10'E	SW SABLE ISLAND BANK	65 M	1966	MEDIUM SAND YELLOW	2976	0.00	1.00	0.00	0.00	2.00	2.07	1.36	0.55	0.39	14.35	
66004	753	43°34.90'N	60°55.10'E	SW SABLE ISLAND BANK	68 M	1966	FINE SAND AND SHELLS	4215	0.03	0.95	0.01	0.01	1.61						
66004	754	43°39.90'N	60°55.10'E	SW SABLE ISLAND BANK	63 M	1966	FINE SAND	2980	0.00	1.00	0.00	0.00							
66004	755	43°44.80'N	60°55.10'E	WEST SABLE ISLAND BANK	40 M	1966	FINE SAND	3065	0.00	1.00	0.00	0.00							
66004	756	43°49.80'N	60°55.10'E	WEST SABLE ISLAND BANK	41 M	1966	FINE SAND	2959	0.00	1.00	0.00	0.00							
66004	757	43°54.90'N	60°55.00'E	SABLE ISLAND BANK	43 M	1966	FINE SAND	3145	0.00	0.99	0.00	0.00	1.90	1.40	1.28	0.59	0.35	-0.37	3.60
66004	758	44°00.00'N	60°55.00'E	SABLE ISLAND BANK	45 M	1966	MEDIUM SAND	3060	0.00	1.00	0.00	0.00							
66004	759	44°05.00'N	60°55.00'E	NORTH SABLE ISLAND BANK	44 M	1966	MEDIUM SAND	2975	0.40	1.00	0.00	0.00							
66004	760	44°09.90'N	60°55.00'E	NORTH SABLE ISLAND BANK	47 M	1966	MEDIUM SAND AND SHELLS	2979	0.04	0.96	0.00	0.00	1.40	1.26	0.90	0.35	-0.78		
66004	761	44°14.80'N	60°55.00'E	NORTH SABLE ISLAND BANK	79 M	1966	MEDIUM TO COARSE SAND	2962	0.04	0.96	0.00	0.00	1.40						
66004	762	44°14.80'N	61°02.00'E	NORTH SABLE ISLAND BANK	68 M	1966	COARSE SAND; A FEW PEBBLES AND SAND DOLLARS	2970	0.00	1.00	0.00	0.00							
66004	763	44°09.90'N	61°02.00'E	NORTH SABLE ISLAND BANK	63 M	1966	COARSE SAND	3114	0.09	0.99	0.00	0.00	2.20	2.05	0.70	0.45	-1.17	14.78	
66004	764	44°05.00'N	61°02.00'E	NORTH SABLE ISLAND BANK	54 M	1966	COARSE SAND AND SHELLS; FISH	3077	0.00	1.00	0.00	0.00	1.50	1.49	0.51	0.35	-0.08	3.78	
66004	765	44°00.00'N	61°02.00'E	SABLE ISLAND BANK	50 M	1966	COARSE SAND LOOSELY PACKED	3539	0.00	1.00	0.00	0.00							
66004	766	43°54.90'N	61°02.20'E	NORTH SABLE ISLAND BANK	50 M	1966	COARSE SAND; YELLOW		0.00	1.00	0.00	0.00							
66004	767	43°49.80'N	61°02.20'E	NORTH SABLE ISLAND BANK	49 M	1966	COARSE YELLOW SAND; FISH	3540	0.00	1.00	0.00	0.00							

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	768	768	43°44.80'N	61°02.10'W	SABLE ISLAND BANK	68 M	1966	COARSE YELLOW SAND	2954	0.00	1.00	0.00	0.00						
66004	769	769	43°39.60'N	61°02.20'W	SABLE ISLAND BANK	59 M	1966	MEDIUM SAND QUARZOS	2978	0.00	1.00	0.00	0.00						
66004	770	770	43°34.60'N	61°02.20'W	SABLE ISLAND BANK	65 M	1966	MEDIUM SAND AND SHELLS	3071	0.00	0.99	0.00	0.00	1.90	1.92	0.59	0.45	-0.05	3.10
66004	771	771	43°30.00'N	61°02.00'W	SOUTH SABLE ISLAND BANK	65 M	1966	FINE SAND AND SHELLS	2967	0.00	1.00	0.00	0.00						
66004	772	772	43°24.80'N	61°02.00'W	SOUTH SABLE ISLAND BANK	87 M	1966	FINE SAND AND SHELLS	4231	0.00	1.00	0.00	0.00	2.80	2.86	0.61	0.45	-0.35	6.62
66004	773	773	43°24.80'N	61°09.00'W	SOUTH SABLE ISLAND BANK	76 M	1966	FINE SAND AND SHELLS		0.02	0.96	0.01	0.01	2.20	2.26	1.32	0.70	0.77	12.85
66004	774	774	43°30.00'N	61°09.30'W	SW SABLE ISLAND BANK	72 M	1966	FINE SAND AND SHELLS	2950	0.00	1.00	0.00	0.00						
66004	775	775	43°34.80'N	61°09.20'W	SABLE ISLAND BANK	62 M	1966	FINE SAND AND SHELLS	2981	0.00	1.00	0.00	0.00						
66004	776	776	43°39.60'N	61°09.20'W	SABLE ISLAND BANK	49 M	1966	FINE SAND	2942	0.00	1.00	0.00	0.00						
66004	777	777	43°44.80'N	61°09.20'W	SABLE ISLAND BANK	54 M	1966	MEDIUM SAND	2943	0.00	1.00	0.00	0.00						
66004	778	778	43°49.70'N	61°09.30'W	SABLE ISLAND BANK	58 M	1966	MEDIUM SAND AND SHELLS	2960	0.01	0.99	0.00	0.00						
66004	779	779	43°54.80'N	61°09.30'W	SABLE ISLAND BANK	58 M	1966	COARSE SAND, TRACE OF GRAVEL	2971	0.01	0.99	0.00	0.00						
66004	780	780	44°00.00'N	61°09.30'W	SABLE ISLAND BANK	61 M	1966	PEBBLES AND COBBLES RESTING ON SAND NOT SUITABLE FOR ANALYSIS	3541										
66004	781	781	44°00.00'N	61°16.00'W	SABLE ISLAND BANK	68 M	1966	COARSE SAND AND SAND DOLLARS	2946	0.00	1.00	0.00	0.00						
66004	782	782	43°54.60'N	61°16.30'W	SABLE ISLAND BANK	58 M	1966	PEBBLES, COBBLES AND SAND; LOST MOST OF THE SAND											
66004	783	783	43°49.70'N	61°16.30'W	SABLE ISLAND BANK	52 M	1966	COARSE SAND	3120	0.02	0.98	0.00	0.00	1.00	0.90	0.73	0.50	-0.36	3.35

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	784	784	43°44.80'N	61°16.10'E	SABLE ISLAND BANK	50 M	1966	COARSE, LOOSELY PACKED SAND; FISH	2947	0.00	1.00	0.00	0.00						
66004	785	785	43°39.60'N	61°16.20'E	SABLE ISLAND BANK	50 M	1966	COARSE TO MEDIUM SAND	3542	0.00	1.00	0.00	0.00						
66004	786	786	43°35.00'N	61°16.00'E	SABLE ISLAND BANK	70 M	1966	FINE SAND; SHELLS	4256	0.00	1.00	0.00	0.00	2.50	2.36	0.50	0.30	-0.69	7.56
66004	787	787	43°30.00'N	61°16.00'E	SOUTH OF SABLE ISLAND BANK	70 M	1966	FINE TO MEDIUM SAND QUAHOG SHELLS	4311	0.00	1.00	0.00	0.00	1.50	1.52	0.56	0.35	0.07	4.26
66004	788	788	43°24.80'N	61°16.10'E	SOUTH OF SABLE ISLAND BANK	83 M	1966	FINE SAND, MANY SHELLS	4306	0.25	0.72	0.02	0.01	1.90	0.96	2.78	1.90	-0.15	3.30
66004	789	789	43°16.50'N	61°15.90'E	SOUTH OF SABLE ISLAND BANK	151 M	1966	FINE SAND AND SHELLS		0.02	0.98	0.00	0.00	1.50	1.51	0.90	0.45	-0.26	4.86
66004	790	790	43°12.40'N	61°23.00'E	SOUTH OF WESTERN BANK	183 M	1966	FINE SAND AND SHELLS	4308	0.01	0.92	0.03	0.02	2.90	3.04	1.23	0.45	1.32	19.25
66004	791	791	43°14.70'N	61°23.00'E	SOUTH OF WESTERN BANK	87 M	1966	FINE SAND, COARSE GRAVEL AND SHELLS		0.18	0.82	0.00	0.00	1.50	0.89	1.89	0.65	-0.62	3.43
66004	792	792	43°19.60'N	61°23.00'E	SOUTH OF WESTERN BANK	72 M	1966	COARSE SAND AND SHELLS LOOSELY PACKED	2953	0.02	0.98	0.00	0.00						
66004	793	793	43°24.80'N	61°23.10'E	SW OF SABLE ISLAND BANK	76 M	1966	COARSE SAND AND SHELLS LOOSELY PACKED	3121	0.00	1.00	0.00	0.00	0.40	0.46	0.71	0.45	0.20	3.58
66004	794	794	43°30.00'N	61°23.00'E	EAST OF WESTERN BANK	75 M	1966	FINE SAND AND SHELLS		0.00	1.00	0.00	0.00	1.80	1.92	0.62	0.45	0.29	2.79
66004	795	795	43°34.60'N	61°23.00'E	WESTERN BANK	60 M	1966	COARSE SAND	2951	0.00	1.00	0.00	0.00	1.80					
66004	796	796	43°39.70'N	61°23.00'E	WESTERN BANK	62 M	1966	MEDIUM SAND AND SHELLS LOOSELY PACKED	2956	0.00	1.00	0.00	0.00						
66004	797	797	43°44.70'N	61°23.00'E	WESTERN BANK	54 M	1966	MEDIUM SAND AND SHELLS	2969	0.04	0.96	0.00	0.00						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	798	798	43°49.80'N	61°23.00'W	WESTERN BANK	45 M	1966	MUD COARSE SAND, LOOSELY PACKED, QUITE BLACK	2964	0.00	1.00	0.00	0.00						
66004	799	799	43°54.70'N	61°23.00'W	WESTERN BANK	61 M	1966	MUD COARSE SAND LOOSELY PACKED	2912	0.00	0.99	0.00	0.00						
66004	800	800	44°04.90'N	61°08.00'W	WESTERN BANK	65 M	1966	MEDIUM TO COARSE SAND LOOSELY PACKED	3543	0.00	1.00	0.00	0.00						
66004	801	801	44°09.80'N	61°09.10'W	N SABLE ISLAND BANK	72 M	1966	QUAHOGS FINE SAND, SHELLS	2973	0.00	0.99	0.00	0.00						
66004	802	802	44°14.80'N	61°09.00'W	N SABLE ISLAND BANK	95 M	1966	FINE SAND AND SHELLS; SOFT SAND	3538	0.00	1.00	0.00	0.00						
66004	803	803	44°19.80'N	61°09.00'W	N SABLE ISLAND BANK	86 M	1966	COARSE, WELL ROUNDED SAND, SOME GRAVEL	2948	0.10	0.90	0.00	0.00						
66004	804	804	44°22.20'N	60°58.50'W	SOUTH MIDDLE BANK	166 M	1966	MUD; SAND, SILT AND CLAY	4204	0.00	0.83	0.11	0.06	1.87	2.71	2.44	0.85	1.03	7.11
66004	805	805	44°25.00'N	60°48.00'W	MIDDLE BANK	68 M	1966	MEDIUM SAND WITH PEBBLE AND SHELLS	2949	0.03	0.96	0.00	0.00						
66004	806	806	44°25.00'N	60°41.00'W	MIDDLE BANK	60 M	1966	MEDIUM SAND	2974	0.00	1.00	0.00	0.00						
66004	807	807	44°25.00'N	60°34.00'W	MIDDLE BANK	49 M	1966	FINE SAND AND SHELLS	3082	0.00	1.00	0.00	0.00	2.25	2.16	0.54	0.40	-0.31	3.01
66004	808	808	44°25.00'N	60°27.20'W	MIDDLE BANK	35 M	1966	MEDIUM SAND AND SHELLS	2957	0.00	1.00	0.00	0.00						
66004	809	809	44°25.00'N	60°20.10'W	MIDDLE BANK	53 M	1966	COARSE SAND	2965	0.02	0.98	0.00	0.00	1.26	1.08	0.75	0.45	-0.63	5.01
66004	810	810	44°19.90'N	60°13.30'W	SE MIDDLE BANK	117 M	1966	FINE SAND	3062	0.00	0.99	0.00	0.00	2.16	2.12	0.60	0.45	-0.18	6.17
66004	811	811	44°15.00'N	60°06.20'W	SE MIDDLE BANK	99 M	1966	COBBLES, PEBBLES AND SAND											
66004	812	812	44°11.20'N	59°58.20'W	NORTH OF SABLE ISLAND	131 M	1966	FINE SAND, GRAVEL AND MUD	3102	0.40	0.59	0.00	0.00						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	813	813	44°11.20'N	59°52.60'E	NORTH OF SABLE ISLAND	144 M	1966	MID AND SAND	4337	0.01	0.87	0.08	0.04	2.30	2.59	1.90	0.90	0.82	7.41
66004	814	814	44°11.20'N	59°46.00'E	NORTH OF SABLE ISLAND	162 M	1966	MID WITH SOME SAND; BLACK	4254	0.00	0.81	0.14	0.05	2.55	3.02	2.11	1.00	1.12	8.97
66004	815	815	44°16.20'N	59°46.00'E	NORTH OF SABLE ISLAND	155 M	1966	MUDDY SAND AND GRAVEL	4223	0.08	0.87	0.05	0.03	1.32	1.45	2.17	0.70	0.48	7.57
66004	816	816	44°18.60'N	59°46.00'E	NORTH OF SABLE ISLAND	162 M	1966	MUD	4191	0.00	0.85	0.09	0.06	2.35	2.90	2.24	0.60	1.20	8.72
66004	817	817	44°21.50'N	59°46.00'E	NORTH OF SABLE ISLAND	173 M	1966	MUD	4357	0.00	0.69	0.24	0.01	3.67	4.39	2.21	0.45	1.35	10.04
66004	818	818	44°23.00'N	59°46.00'E	NORTH OF SABLE ISLAND	169 M	1966	MUD	4195	0.00	0.84	0.11	0.05	3.32	3.68	1.89	0.50	1.69	15.01
66004	819	819	44°24.80'N	59°53.80'E	NORTH OF SABLE ISLAND	144 M	1966	MUDDY SAND	4314	0.00	0.88	0.08	0.04	3.01	3.28	1.52	0.55	1.58	14.95
66004	820	820	44°26.00'N	59°53.80'E	NORTH OF SABLE ISLAND	86 M	1966	MEDIUM SAND	3106	0.01	0.99	0.00	0.00	1.48	1.37	0.63	0.25	-1.08	9.13
66004	821	821	44°30.00'N	59°45.40'E	WEST BANQUEREAU BANK	63 M	1966	SAND, MANY SHELLS	3104	0.00	1.00	0.00	0.00	2.39	2.34	0.45	0.30	-0.13	5.30
66004	822	822	44°34.90'N	59°45.40'E	WEST BANQUEREAU BANK	83 M	1966	SAND AND SHELLS	3069	0.03	0.97	0.00	0.00	2.44	2.21	1.25	0.25	-2.30	24.69
66004	823	823	44°37.00'N	59°50.30'E	NORTH OF SABLE ISLAND	137 M	1966	MUDDY SAND	4227	0.00	0.94	0.03	0.03	2.83	3.09	1.27	0.45	1.84	18.60
66004	824	824	44°37.90'N	59°50.30'E	NORTH OF SABLE ISLAND	110 M	1966	MUDDY SAND	3067	0.06	0.93	0.00	0.00	1.88	1.64	1.70	0.55	-1.34	10.50
66004	825	825	44°38.90'N	59°48.50'E	NORTH OF SABLE ISLAND	86 M	1966	SAND AND PEBBLES	3101	0.91	0.09			-5.27	-4.57	2.04	0.40	1.25	8.09
66004	826	826	44°39.70'N	59°47.20'E	NORTH OF SABLE ISLAND	135 M	1966	MID AND PEBBLES	4282	0.00	0.89	0.05	0.06	2.68	3.24	2.10	0.50	1.55	12.58
66004	827	827	44°40.40'N	59°46.50'E	NORTH OF SABLE ISLAND	207 M	1966	MID		0.00	0.08	0.76	0.16	5.29	6.09	2.53	0.90	0.89	5.74

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	828	828	44°40.70'N	59°46.00'W	NORTH OF SABLE ISLAND	186 M	1966		4241	0.00	0.25	0.44	0.31	6.01	6.68	3.20	2.45	0.36	2.67
65008	828A	828A	44°40.70'N	59°46.00'W	NORTH OF SABLE ISLAND	186 M	1966	JUST BEYOND 828	4236	0.00	0.91	0.03	0.06	2.08	2.58	2.05	0.65	1.27	9.35
66004	829	829	44°41.10'N	59°45.40'W	NORTH OF SABLE ISLAND	116 M	1966	MUD	4233	0.00	0.90	0.05	0.05	2.87	3.30	1.88	0.55	1.49	12.33
66004	830	830	44°42.40'N	59°49.10'W	NORTH OF SABLE ISLAND	99 M	1966	MUD	3080	0.03	0.96	0.00	0.00	1.74	1.62	1.27	0.45	-1.77	17.97
66004	831	831	44°43.20'N	59°48.30'W	NORTH OF SABLE ISLAND	203 M	1966	FINE SAND AND MUD		0.00	0.78	0.14	0.08	2.66	3.59	2.47	0.60	1.04	6.87
66004	832	832	44°44.10'N	59°47.50'W	NORTH OF SABLE ISLAND	135 M	1966	FINE SAND AND SHELLS	3143	0.07	0.93	0.00	0.00	1.85	1.49	1.72	0.55	-1.33	9.59
66004	833	833	44°45.40'N	59°46.30'W	NORTH OF SABLE ISLAND	102 M	1966	FINE SAND AND PEBBLES	3085	0.00	0.99	0.00	0.00	2.56	2.59	0.41	0.30	0.21	4.71
66004	834	834	44°46.00'N	59°46.00'W	NORTH OF SABLE ISLAND	83 M	1966	FINE SAND AND PEBBLES	3066	0.37	0.63	0.00	0.00	0.09	-0.93	2.53	2.70	-0.25	1.61
66004	835	835	44°46.90'N	59°45.40'W	NE OF MIDDLE BANK	216 M	1966	MUD	4228	0.00	0.31	0.49	0.20	5.53	5.97	3.06	1.75	0.49	3.63
66004	836	836	44°48.40'N	59°47.00'W	NE OF MIDDLE BANK	116 M	1966	FINE SAND AND PEBBLES	3078	0.05	0.95	0.00	0.00	1.67	1.70	1.52	0.55	-1.34	11.03
66004	837	837	44°51.90'N	59°45.40'W	NE OF MIDDLE BANK	115 M	1966	MUD, SAND AND GRAVEL; DRIFTED ON STATION	3079	0.44	0.55	0.00	0.00	0.55	-1.27	3.35	3.35	-0.10	1.25
66004	838	838	44°51.30'N	59°49.60'W	NE OF MIDDLE BANK	234 M	1966	MUD, DARK BROWN	4193	0.00	0.08	0.62	0.31	6.71	7.39	2.77	1.65	0.43	3.25
66004	839	839	44°51.30'N	59°51.50'W	NE OF MIDDLE BANK	158 M	1966	MUD, SOME GRAVEL	4316	0.02	0.83	0.07	0.08	2.15	2.88	2.70	0.75	0.98	6.92
66004	840	840	44°49.60'N	59°48.00'W	NE OF MIDDLE BANK	144 M	1966	MUD, DARK BROWN, STONES; TILL?											
66004	841	841	44°48.20'N	59°48.60'W	NE OF MIDDLE BANK	232 M	1966	BLACK MUD											
66004	842	842	44°48.20'N	59°52.50'W	NE OF MIDDLE BANK	180 M	1966	MUD WITH A FEW PEBBLES; STN TOO FAR WEST	4212	0.00	0.65	0.29	0.11	0.04	4.68	2.49	0.60	1.08	6.98

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Fld	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	860	860	44°12.80'N	59°52.00'E	NORTH OF SABLE ISLAND	107 M	1966	COARSE SAND AND PEBBLES	4239	0.25	0.74	0.01	0.01	0.10	0.04	1.75	1.10	0.48	9.79
66004	861	861	44°11.10'N	60°01.50'E	NORTH OF SABLE ISLAND	180 M	1966	FINE SAND AND MUD	4192	0.00	0.82	0.12	0.06	1.55	2.38	2.48	0.65	1.06	7.10
66004	862	862	44°10.70'N	60°04.00'E	NORTH OF SABLE ISLAND	168 M	1966	MUD	4226	0.00	0.42	0.44	0.14	4.24	5.08	2.78	0.90	0.89	5.87
66004	863	863	44°14.10'N	60°01.50'E	NORTH OF SABLE ISLAND	198 M	1966	MUD	4367	0.00	0.67	0.24	0.08	3.51	4.25	2.56	0.75	1.23	9.08
66004	864	864	44°15.60'N	59°59.50'E	NORTH OF SABLE ISLAND	112 M	1966	PEBBLES	3068	1.00	0.40	0.00	0.00	-5.36	0.68	0.30	0.30	2.21	41.79
66004	865	865	44°16.70'N	60°02.00'E	NORTH OF SABLE ISLAND	177 M	1966	MUD	4263	0.00	0.66	0.27	0.07	3.67	4.23	2.07	0.55	1.27	9.64
66004	866	866	44°18.00'N	59°56.50'E	NORTH OF SABLE ISLAND	168 M	1966	MUD	4365	0.00	0.66	0.26	0.08	3.59	4.21	2.39	0.75	1.13	8.26
66004	867	867	44°20.80'N	59°56.50'E	NORTH OF SABLE ISLAND	146 M	1966	MUD, DARK BROWN	4221	0.00	0.65	0.25	0.11	3.57	4.50	2.82	1.15	1.07	7.26
66004	868	868	44°20.00'N	60°02.00'E	NORTH OF SABLE ISLAND	146 M	1966	MUD											
66004	869	869	44°20.00'N	60°06.20'E	SE OF MIDDLE BANK	121 M	1966	MUD	4205	0.00	0.82	0.12	0.07	3.43	3.88	2.23	0.45	1.47	11.93
66004	870	870	44°22.40'N	60°03.10'E	NORTH OF SABLE ISLAND	137 M	1966	MUD	4222	0.00	0.86	0.09	0.05	2.87	3.19	1.78	0.65	1.21	9.87
66004	871	871	44°25.10'N	59°59.50'E	NORTH OF SABLE ISLAND	177 M	1966	MUD	4344	0.00	0.89	0.06	0.05	2.52	2.98	2.11	0.50	1.56	13.33
66004	872	872	44°25.60'N	60°03.50'E	NORTH OF SABLE ISLAND	109 M	1966	PEBBLES	2885	1.00									
66004	873	873	44°30.00'N	59°59.20'E	NORTH OF SABLE ISLAND	74 M	1966	FINE SAND AND PEBBLES	2887	0.05	0.94	0.00	0.00						
66004	874	874	44°30.00'N	60°06.20'E	EAST OF MIDDLE BANK	136 M	1966	PEBBLES AND STONES	2904	1.00	0.00	0.00	0.00						
66004	875	875	44°33.00'N	60°03.50'E	EAST OF MIDDLE BANK	97 M	1966	FINE SAND AND GRAVEL	2900	0.70	0.29	0.00	0.00						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	876	876	44°35.20'N	60°07.60'E	EAST OF MIDDLE BANK	115 M	1966	FINE SAND AND SHELLS AND GRAVEL	2898	0.78	0.21	0.01	0.00						
66004	877	877	44°35.10'N	60°05.40'E	EAST OF MIDDLE BANK	113 M	1966	FINE TO MEDIUM SAND AND SHELLS	2886	0.00	1.00	0.00	0.00						
66004	878	878	44°35.10'N	60°04.20'E	EAST OF MIDDLE BANK	110 M	1966	MEDIUM SAND	2896	0.00	1.00	0.00	0.00						
66004	879	879	44°36.80'N	60°01.80'E	EAST OF MIDDLE BANK	179 M	1966	MEDIUM SAND	2888	0.00	1.00	0.00	0.00						
66004	880	880	44°38.50'N	60°01.00'E	NE OF MIDDLE BANK	187 M	1966	MUDDY SAND	4362	0.00	0.90	0.06	0.04	2.51	3.17	2.58	0.30	1.82	15.71
66004	881	881	44°40.50'N	59°57.50'E	NE OF MIDDLE BANK	115 M	1966	SAND AND SHELLS; A FEW PEBBLES; DEPTH ADJUSTED FOR DRIFT	2932	0.06	0.93	0.00	0.00						
66004	882	882	44°40.80'N	59°58.00'E	NE OF MIDDLE BANK	201 M	1966	MUDDY SAND AND SHELLS		0.04	0.80	0.09	0.07	2.54	2.95	2.73	0.40	0.60	7.68
66004	883	883	44°41.00'N	59°58.40'E	NE OF MIDDLE BANK	212 M	1966	MUD	4202	0.00	0.77	0.14	0.09	2.63	3.72	2.64	0.35	1.10	7.23
66004	884	884	44°41.60'N	59°59.80'E	NE OF MIDDLE BANK	220 M	1966	MUD	4346	0.00	0.60	0.27	0.13	2.93	4.59	2.85	2.00	0.58	3.39
66004	885	885	44°42.00'N	59°56.00'E	NORTH OF SABLE ISLAND	106 M	1966	SAND, FEW PEBBLES AND SHELLS	4260	0.28	0.69	1.50	1.20	2.11	0.45	3.41	3.25	-0.32	2.43
66004	886	886	44°44.20'N	59°58.40'E	NORTH OF SABLE ISLAND	245 M	1966	MUD	4364	0.00	0.50	0.37	0.13	4.02	4.87	2.77	1.75	0.62	4.11
66004	887	887	44°44.70'N	59°55.90'E	NORTH OF SABLE ISLAND	161 M	1966	MUDDY SAND; SLIGHTLY OFF STATION		0.04	0.90	0.03	0.30	2.70	2.75	1.89	0.50	0.01	9.93
66004	888	888	44°44.20'N	59°55.50'E	NORTH OF SABLE ISLAND	135 M	1966	SAND AND PEBBLES; A BIT OFF STATION	2878	0.11	0.88	0.00	0.00						
66004	889	889	44°44.50'N	59°54.10'E	NORTH OF SABLE ISLAND	113 M	1966	SAND, PEBBLES AND SHELLS	4251	0.03	0.96	0.00	0.00	1.79	1.70	1.05	0.50	-1.36	14.02
66004	890	890	44°46.00'N	59°53.00'E	NE OF MIDDLE BANK	124 M	1966	SAND AND SHELLS	4366	0.01	0.94	0.03	0.02	2.82	2.87	1.47	0.65	0.86	12.33
66004	891	891	44°46.60'N	59°57.50'E	NE OF MIDDLE BANK	159 M	1966	MUD AND PEBBLES	4258	0.63	0.28	0.04	0.05	-4.81	-1.90	4.52	3.75	0.49	2.90
66004	892	892	44°48.70'N	59°59.80'E	NE OF MIDDLE BANK	204 M	1966	MUD	4336	0.00	0.07	0.72	0.20	6.50	6.88	2.20	0.55	0.53	4.68
66004	893	893	44°51.30'N	59°56.50'E	NE OF MIDDLE BANK	220 M	1966	MUD	4245	0.00	0.01	0.70	0.29	6.25	7.35	2.62	1.60	0.63	3.66
66004	894	894	44°51.30'N	60°02.20'E	NE OF MIDDLE BANK	216 M	1966	MUD AND ONE PEBBLE	4267	0.00	0.01	0.89	0.00	4.50	4.47	0.39	0.25	-2.78	69.21

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	895	895	44°50.70'N	60°01.60'E	NE OF MIDDLE BANK	241 M	1966	MUD	4358	0.00	0.05	0.85	0.10	4.82	5.46	1.78	0.70	0.92	6.23
66004	896	896	44°49.80'N	60°02.90'E	NE OF MIDDLE BANK	242 M	1966	MUD	4247	0.00	0.02	0.82	0.16	6.33	6.76	2.21	0.60	0.91	6.70
66004	897	897	44°50.20'N	60°05.10'E	NE OF MIDDLE BANK	241 M	1966	MUD	4368	0.00	0.11	0.70	0.19	5.89	6.46	2.52	0.90	0.60	4.86
66004	898	898	44°49.70'N	60°06.30'E	NE OF MIDDLE BANK	198 M	1966	MUD	4318	0.00	0.17	0.62	0.20	6.06	6.50	2.68	1.15	0.60	4.31
66004	899	899	44°49.10'N	60°07.70'E	NE OF MIDDLE BANK	114 M	1966	FINE SAND	4343	0.00	0.91	0.04	0.05	1.94	2.46	2.14	0.55	1.42	11.08
66004	900	900	44°48.30'N	60°04.00'E	NE OF MIDDLE BANK	132 M	1966	FTND SAND AND PEBBLES	4332	0.10	0.84	0.03	0.04	1.80	1.77	2.50	0.60	0.07	6.53
66004	901	901	44°47.60'N	60°11.90'E	NE OF MIDDLE BANK	183 M	1966	SANDY MUD	4349	0.09	0.84	0.03	0.04	2.20	1.85	2.77	0.55	-0.38	6.50
66004	902	902	44°46.00'N	60°14.10'E	NE OF MIDDLE BANK	229 M	1966	MUD	4301	0.00	0.73	0.17	0.10	3.10	4.10	2.51	0.80	0.93	5.73
66004	903	903	44°45.30'N	60°12.20'E	NE OF MIDDLE BANK	117 M	1966	MUD AND PEBBLES; GRAINSIZE INCLUDES PEBBLES ONLY	2897										
66004	904	904	44°43.20'N	60°15.50'E	NE OF MIDDLE BANK	128 M	1966	MUD AND FINE SAND	4218	0.10	0.60	0.14	0.15	1.90	3.22	4.12	1.80	0.49	3.71
66004	905	905	44°43.20'N	60°15.50'E	NE OF MIDDLE BANK	183 M	1966	MUD	4330	0.00	0.38	0.55	0.08	4.30	4.85	1.92	0.80	0.90	6.29
66004	906	906	44°45.50'N	60°06.00'E	NE OF MIDDLE BANK	205 M	1966	MUD	4302	0.00	0.26	0.54	0.20	5.10	5.91	2.60	1.55	0.66	3.79
66004	907	907	44°44.10'N	60°04.00'E	NE OF MIDDLE BANK	113 M	1966	MUD; POSSIBLY LEFT IN SAMPLER FROM PREVIOUS SAMPLE	4279	0.00	0.93	0.03	0.04	2.70	3.01	1.62	0.50	1.56	14.35
66004	908	908	44°44.10'N	60°03.00'E	NE OF MIDDLE BANK	168 M	1966	MUDDY SAND	4289	0.11	0.68	0.12	0.09	2.50	2.90	3.17	0.90	0.52	4.82
66004	909	909	44°44.10'N	60°02.10'E	NE OF MIDDLE BANK	209 M	1966	MUD	4327	0.00	0.02	0.74	0.24	6.00	6.86	2.32	1.20	0.60	4.07
66004	910	910	44°44.20'N	60°00.50'E	NE OF MIDDLE BANK	113 M	1966	SAND, GRAVEL AND MUD; TILL	4252	0.17	0.80	0.01	0.02	2.30	1.45	2.88	0.60	-0.37	4.31
66004	911	911	44°39.10'N	60°03.20'E	NE OF MIDDLE BANK	90 M	1966	SAND AND GRAVEL	2889	0.60	0.40	0.00	0.00						
66004	912	912	44°39.60'N	60°05.30'E	NE OF MIDDLE BANK	117 M	1966	SAND; A FEW PEBBLES	4285	0.27	0.67	0.04	0.02	2.50	0.86	3.70	3.25	-0.36	2.41
66004	913	913	44°40.00'N	60°06.90'E	NE OF MIDDLE BANK	99 M	1966	SAND; A FEW PEBBLES AND SHELLS	2895	0.02	0.98	0.00	0.00						
66004	914	914	44°40.80'N	60°09.20'E	EAST OF MIDDLE BANK	179 M	1966	MUD; CONTAINED ONE ROCK FRAGMENT POSSIBLY TERTIARY LIMESTONE	2884	1.00	0.00	0.00	0.00						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	915	915	44°39.90'N	60°13.30'E	EAST OF MIDDLE BANK	118 M	1966	SAND, GRAVEL AND SHELLS	4209	0.28	0.68	0.01	0.01	1.66	0.43	3.07	2.85	-0.23	2.52
66004	916	916	44°36.60'N	60°13.00'E	EAST OF MIDDLE BANK	183 M	1966	SAND, GRAVEL AND MUD	2880	0.55	0.46	0.00	0.00						
66004	917	917	44°35.60'N	60°11.40'E	EAST OF MIDDLE BANK	145 M	1966	MEDIUM SAND AND SHELLS	2881	0.00	1.00	0.00	0.00						
66004	918	918	44°33.60'N	60°13.20'E	EAST OF MIDDLE BANK	123 M	1966	SAND AND GRAVEL	2879	0.43	0.57	0.00	0.00						
66004	919	919	44°33.00'N	60°13.20'E	EAST OF MIDDLE BANK	96 M	1966	SAND, GRAVEL AND ROCKS	2875	0.66	0.23	0.00	0.00						
66004	920	920	44°29.40'N	60°13.20'E	EAST OF MIDDLE BANK	113 M	1966	SAND, PEBBLES AND COBBLES	4266	0.71	0.27	0.01	0.01	-5.20	3.19	3.40	3.15	0.59	3.29
66004	921	921	44°28.20'N	60°13.20'E	EAST OF MIDDLE BANK	147 M	1966	MUD AND FINE SAND	4356	0.03	0.89	0.04	0.04	2.20	2.35	2.06	0.70	0.78	9.03
66004	922	922	44°25.90'N	60°09.20'E	EAST OF MIDDLE BANK	125 M	1966	MUD AND PEBBLES	4197	0.55	0.40	0.02	0.03	-4.17	-1.61	4.17	3.60	0.30	2.29
66004	923	923	44°25.90'N	60°09.20'E	EAST OF MIDDLE BANK	140 M	1966	MUD, GRAVEL AND PEBBLES	4229	0.41	0.54	0.02	0.02	-0.20	-0.01	2.76	2.10	0.35	3.85
66004	924	924	44°25.90'N	60°11.60'E	EAST OF MIDDLE BANK	110 M	1966	GRAVEL AND PEBBLES	2894	0.58	0.42	0.00	0.00						
66004	925	925	44°26.00'N	60°12.30'E	EAST OF MIDDLE BANK	115 M	1966	FINE SAND PEBBLES AND SHELLS	4275	0.50	0.50	0.00	0.00	1.20	-1.35	2.68	2.75	-0.01	1.22
66004	926	926	44°26.00'N	60°13.50'E	EAST OF MIDDLE BANK	164 M	1966	FINE SAND	2892	0.01	0.99	0.00	0.00						
66004	927	927	44°30.00'N	60°20.30'E	MIDDLE BANK	55 M	1966	COARSE GRAVEL AND PEBBLES	2883	1.00	0.00	0.00	0.00						
66004	928	928	44°35.00'N	60°23.00'E	MIDDLE BANK	70 M	1966	FINE SAND AND PEBBLES	2893	0.07	0.97	0.00	0.00						
66004	929	929	44°37.20'N	60°23.80'E	MIDDLE BANK	59 M	1966	FINE SAND	2891	0.00	1.00	0.00	0.00						
66004	930	930	44°37.50'N	60°23.00'E	MIDDLE BANK	66 M	1966	FINE SAND	2882	0.00	1.00	0.00	0.00						
66004	931	931	44°38.50'N	60°22.00'E	MIDDLE BANK	94 M	1966	FINE SAND AND PEBBLES	2890	0.02	0.97	0.00	0.00						
66004	932	932	44°38.20'N	60°17.50'E	MIDDLE BANK	219 M	1966	MUD	4276	0.00	0.81	0.10	0.09	3.00	3.90	2.75	0.65	1.23	8.63
66004	933	933	44°40.80'N	60°18.50'E	MIDDLE BANK	238 M	1966	MUD	4296	0.00	0.28	0.48	0.24	6.30	6.33	3.07	2.05	0.37	3.09
66004	934	934	44°42.10'N	60°20.80'E	MIDDLE BANK	229 M	1966	MUD	4277	0.00	0.66	0.23	0.11	3.50					

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	935	935	44°45.00'N	60°20.30'E	NE OF MIDDLE BANK	235 M	1966	MUD	4250	0.00	0.11	0.62	0.27	6.40	7.13	2.92	1.45	0.47	3.50
66004	936	936	44°47.40'N	60°18.30'E	NE OF MIDDLE BANK	139 M	1966	MUD, SAND AND GRAVEL	4278	0.06	0.84	0.07	0.03	1.80	1.98	2.28	0.70	0.28	6.04
66004	937	937	44°47.20'N	60°17.30'E	NE OF MIDDLE BANK	326 M	1966	MUD	4271	0.00	0.04	0.68	0.29	6.50	7.24	2.56	1.45	0.42	4.04
66004	938	938	44°49.10'N	60°15.10'E	NE OF MIDDLE BANK	271 M	1966	MUD WITH A FEW PEBBLES	4313	0.16	0.26	0.34	0.24	5.50	4.78	4.75	3.00	-0.01	2.35
66004	939	939	44°49.80'N	60°16.10'E	NE OF MIDDLE BANK	285 M	1966	MUD	4363	0.00	0.02	0.81	0.18	6.58	7.09	1.85	0.40	0.92	6.59
66004	940	940	44°50.50'N	60°18.20'E	NE OF MIDDLE BANK	194 M	1966	MUD, CLOSE TO TILL BOTTOM ON SOUNDER	4199	0.00	0.31	0.43	0.26	5.90	6.06	3.51	2.75	0.29	2.65
66004	941	941	44°51.00'N	60°19.90'E	NE OF MIDDLE BANK	128 M	1966	MUD, SAND AND PEBBLES	4348	0.66	0.26	0.04	0.04	-2.90	-1.51	3.98	3.15	0.58	3.88
66004	942	942	44°51.30'N	60°20.60'E	NE OF MIDDLE BANK	124 M	1966	MUD, SAND AND PEBBLES	4211	0.09	0.79	0.07	0.04	2.43	2.21	3.07	0.45	-0.33	5.70
66004	943	943	44°48.90'N	60°22.50'E	NORTH OF MIDDLE BANK	201 M	1966	MUD AND A FEW PEBBLES; DRIFTED SOUTH OFF MUD	4290	0.00	0.27	0.53	0.20	5.90	6.16	2.91	1.70	0.47	3.70
66004	944	944	44°49.80'N	60°24.60'E	NORTH OF MIDDLE BANK	209 M	1966	MUD	4310	0.00	0.37	0.50	0.13	6.10	5.62	2.55	1.70	0.32	3.24
66004	945	945	44°50.70'N	60°27.00'E	NORTH OF MIDDLE BANK	134 M	1966	MUDDY SAND, PEBBLES AND SHELLS	2983	0.06	0.92	0.00	0.00						
66004	946	946	44°48.90'N	60°27.00'E	NORTH OF MIDDLE BANK	146 M	1966	MUDDY SAND	4288	0.00	0.86	0.07	0.06	1.70	2.55	2.42	0.45	1.22	8.15
66004	947	947	44°47.50'N	60°27.00'E	NORTH OF MIDDLE BANK	124 M	1966	MUDDY SAND	4274	0.00	0.93	0.03	0.04	2.50	2.87	1.82	0.45	1.70	15.26
66004	948	948	44°39.90'N	60°27.30'E	NORTH OF MIDDLE BANK	53 M	1966	SAND; MANY SHELLS, SOME OLD	2922	0.00	1.00	0.00	0.00						
66004	949	949	44°35.00'N	60°27.20'E	NORTH OF MIDDLE BANK	33 M	1966	MEDIUM TO COARSE SAND	2934	0.00	1.00	0.00	0.00						
66004	950	950	44°30.00'N	60°27.20'E	MIDDLE BANK	31 M	1966	COARSE SAND	2919	0.30	0.70	0.00	0.00						
66004	951	951	44°05.00'N	60°06.30'E	SABLE ISLAND BANK	51 M	1966	MUD, SAND AND SHELLS	2920	0.00	1.00	0.00	0.00						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	952	44°05.00'N	60°06.30'E	NORTH OF SABLE ISLAND	55 M	1966	MEDIUM SAND AND SHELLS	2931	0.02	0.98	0.00	0.00	0.00						
66004	953	44°04.70'N	59°59.50'E	NORTH OF SABLE ISLAND	59 M	1966	FINE SAND	2921	0.01	0.99	0.00	0.00	0.00						
66004	954	44°05.00'N	59°52.30'E	NORTH OF SABLE ISLAND	58 M	1966	FINE SAND	2901	0.00	1.00	0.00	0.00	0.00						
66004	955	44°05.00'N	59°52.30'E	NORTH OF SABLE ISLAND	59 M	1966	FINE SAND	2903	0.02	0.97	0.00	0.00	0.00						
66004	956	44°07.50'N	59°57.50'E	NORTH OF SABLE ISLAND	73 M	1966	SAND AND SHELL	2899	0.30	0.70	0.00	0.00	0.00						
66004	957	44°08.10'N	59°57.50'E	NORTH OF SABLE ISLAND	110 M	1966	MEDIUM SAND	2929	0.00	1.00	0.00	0.00	0.00						
66004	958	44°09.20'N	59°57.50'E	NORTH OF SABLE ISLAND	128 M	1966	MUD, SOME GRIT	4200	0.00	0.40	0.50	0.10	0.10	4.30	4.80	2.43	0.75	0.99	7.04
66004	959	44°09.60'N	59°57.50'E	NORTH OF SABLE ISLAND	150 M	1966	MIDDY SAND												
66004	960	44°11.50'N	60°09.60'E	NORTH OF SABLE ISLAND	220 M	1966	BLACK MUD	4273	0.00	0.15	0.66	0.19	0.19	4.70	6.02	2.97	1.25	0.83	4.77
66004	961	44°09.50'N	60°10.50'E	NORTH OF SABLE ISLAND	143 M	1966	BLACK MUD	4272	0.00	0.32	0.57	0.11	0.11	4.50	5.14	2.71	0.85	0.99	6.93
66004	962	44°09.30'N	60°11.40'E	NORTH OF SABLE ISLAND	146 M	1966	BLACK MUD	4232	0.00	0.32	0.57	0.11	0.11	4.50	4.96	2.57	1.00	0.91	7.12
66004	963	44°07.90'N	60°18.90'E	NORTH OF SABLE ISLAND	88 M	1966	SAND	2923	0.02	0.98	0.00	0.00	0.00						
66004	964	44°08.60'N	60°18.60'E	NORTH OF SABLE ISLAND	99 M	1966	SAND AND SHELL	2930	0.03	0.97	0.00	0.00	0.00						
66004	965	44°07.70'N	60°24.00'E	NW OF SABLE ISLAND	64 M	1966	COARSE SAND	2928	0.01	0.99	0.00	0.00	0.00						
66004	966	44°08.20'N	60°24.10'E	NW OF SABLE ISLAND	62 M	1966	COARSE SAND	4291	0.09	0.91	0.00	0.00	0.00	1.00	0.75	1.10	0.60	-0.74	5.12

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	967	967	44°09.00'N	60°24.50'E	NW OF SABLE ISLAND	121 M	1966	MUD	4307	0.00	0.65	0.28	0.07	3.50	4.03	2.15	0.85	1.17	8.81
66004	968	968	44°11.30'N	60°17.70'E	NORTH OF SABLE ISLAND	165 M	1966	MUD	4284	0.00	0.06	0.74	0.20	5.00	6.28	2.85	1.30	0.80	4.59
66004	969	969	44°12.30'N	60°15.50'E	NORTH OF SABLE ISLAND	148 M	1966	FINE SAND AND MID; POSITION OFF A	4281	0.00	0.82	0.12	0.06	1.70	2.58	2.44	0.80	1.08	7.43
66004	970	970	44°12.40'N	60°16.10'E	NW OF SABLE ISLAND	194 M	1966	MUD; POSITION OFF A	4280	0.00	0.39	0.49	0.11	4.40	4.92	3.26	1.35	0.85	5.53
66004	971	971	44°12.80'N	60°17.30'E	NORTH OF SABLE ISLAND	192 M	1966	MUD	4235	0.00	0.66	0.23	0.11	2.80	3.98	3.16	1.55	0.86	5.51
66004	972	972	44°15.00'N	60°18.40'E	NORTH OF SABLE ISLAND	105 M	1966	FINE SAND AND PEBBLES	2905	0.66	0.34	0.00	0.00						
66004	973	973	44°16.20'N	60°15.80'E	NORTH OF SABLE ISLAND	152 M	1966	MUD	4305	0.00	0.84	0.10	0.07	2.40	3.07	2.24	0.60	1.19	8.34
66004	974	974	44°16.20'N	60°16.50'E	NORTH OF SABLE ISLAND	158 M	1966	MUD											
66004	975	975	44°16.40'N	60°20.00'E	SOUTH OF MIDDLE BANK	134 M	1966	MUD											
66004	976	976	44°17.50'N	60°20.40'E	SOUTH OF MIDDLE BANK	147 M	1966	MUD	4293	0.00	0.74	0.16	0.09	3.10	3.95	2.53	0.75	1.15	7.84
66004	977	977	44°20.80'N	60°22.50'E	MIDDLE BANK	64 M	1966	FINE SAND AND SHELLS	2958	0.00	1.00	0.00	0.00						
66004	978	978	44°16.00'N	60°24.70'E	SOUTH OF MIDDLE BANK	174 M	1966	MUD	4325	0.00	0.74	0.17	0.09	2.70	3.70	2.84	0.95	1.13	7.91
66004	979	979	44°12.00'N	60°24.50'E	SOUTH OF MIDDLE BANK	150 M	1966	MUD; SLIGHTLY OFF STATION	4338	0.00	0.58	0.33	0.09	3.50	4.25	2.71	1.45	0.80	5.67
66004	980	980	44°09.90'N	60°34.20'E	SABLE ISLAND BANK	77 M	1966	SAND AND PEBBLES AND SHELLS	2933	0.40	0.60	0.00	0.00						
66004	981	981	44°10.80'N	60°39.70'E	SABLE ISLAND BANK	91 M	1966	FINE SAND		0.00	0.96	0.02	0.02	2.60	2.82	1.09	0.30	2.24	27.11

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	982	982	44°12.50'N	60°38.20'E	SABLE ISLAND BANK	135 M	1966	MUD, SOME GRIT	4302	0.00	0.56	0.36	0.08	3.80	4.43	2.29	0.70	1.17	8.92
66004	983	983	44°17.40'N	60°33.20'E	SOUTH OF MIDDLE BANK	165 M	1966	MUD	4353	0.00	0.37	0.53	0.11	4.40	4.76	2.56	1.20	0.80	5.66
66004	984	984	44°17.50'N	60°29.50'E	SOUTH OF MIDDLE BANK	157 M	1966	MUD	4257	0.00	0.82	0.11	0.07	3.20	3.71	2.15	0.60	1.34	10.20
66004	985	985	44°18.70'N	60°32.00'E	SOUTH OF MIDDLE BANK	146 M	1966	MUD	4300	0.00	0.94	0.03	0.03	2.70	2.93	1.29	0.35	1.85	18.33
66004	986	986	44°19.90'N	60°30.80'E	MIDDLE BANK	117 M	1966	SAND AND PEBBLES	2908	0.00	1.00	0.00	0.00						
66004	987	987	44°19.90'N	60°37.40'E	SOUTH OF MIDDLE BANK	132 M	1966	MIDDY SAND; SLIGHTLY DEEPER THAN SHOWN ON CHART	4319	0.00	0.87	0.09	0.04	2.90	3.28	1.53	0.55	1.59	14.88
66004	988	988	44°19.40'N	60°40.00'E	SOUTH OF MIDDLE BANK	139 M	1966	MIDDY SAND	4333	0.00	0.87	0.08	0.05	3.20	3.60	1.91	0.50	1.65	14.40
66004	989	989	44°17.20'N	60°40.00'E	SOUTH OF MIDDLE BANK	145 M	1966	MUD, SOME GRIT	4328	0.00	0.75	0.19	0.07	3.40	3.89	2.13	0.65	1.25	9.57
66004	990	990	44°16.00'N	60°40.00'E	SOUTH OF MIDDLE BANK	90 M	1966	PEBBLES RESTING ON SAND; LOST SAND	2909	0.99	0.01	0.00	0.00						
66004	991	991	44°14.00'N	60°40.00'E	NORTH OF SABLE ISLAND BANK	146 M	1966	GRAVEL, SAND AND MID	4341	0.73	0.22	0.03	0.02	-3.70	-2.60	3.59	2.80	0.65	4.30
66004	992	992	44°17.20'N	60°43.10'E	SOUTH OF MIDDLE BANK	95 M	1966	SAND AND PEBBLES	2902	0.21	0.78	0.00	0.00						
66004	993	993	44°20.50'N	60°43.00'E	SOUTH OF MIDDLE BANK	91 M	1966	SAND AND PEBBLES	2906	0.71	0.30	0.00	0.00						
66004	994	994	44°20.20'N	60°43.90'E	SOUTH OF MIDDLE BANK	110 M	1966	FINE SAND; FEW PEBBLES	2939	0.24	0.76	0.00	0.00						
66004	995	995	44°19.70'N	60°48.00'E	SOUTH OF MIDDLE BANK	186 M	1966	MUD	4240	0.00	0.91	0.06	0.04	2.90	3.37	2.15	0.50	2.09	21.20
66004	996	996	44°16.90'N	60°52.30'E	SOUTH OF MIDDLE BANK	139 M	1966	MUD	4291	0.13	0.87	0.00	0.00	1.01	0.75	1.10	0.60	-0.74	5.12

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	997	44°20.20'N	60°52.50'E	SOUTH OF MIDDLE BANK	116 M	1966	COARSE SAND AND PEBBLES	2938	0.85	0.16	0.00	0.00	0.00						
66004	998	44°19.70'N	60°55.00'E	SOUTH OF MIDDLE BANK	125 M	1966	MUD	4270	0.00	0.86	0.10	0.05	2.80	3.33	1.88	0.60	1.42	11.63	
66004	999	44°20.00'N	61°02.60'E	SOUTH OF MIDDLE BANK	74 M	1966	MEDIUM SAND	2936	0.00	1.00	0.00	0.00							
66004	1000	44°21.50'N	61°05.60'E	SOUTH OF MIDDLE BANK	96 M	1966	MUD AND GRAVEL	3533	0.29	0.62	0.05	0.04							
66004	1001	44°21.70'N	61°06.00'E	SOUTH OF MIDDLE BANK	88 M	1966	GRAVEL, SHELLS AND PEBBLES	2937	0.85	0.15	0.00	0.00							
66004	1002	44°24.80'N	60°58.20'E	MIDDLE BANK	107 M	1966	MUD	4312	0.00	0.93	0.04	0.03	3.40	3.52	1.19	0.30	1.83	18.70	
66004	1003	44°25.40'N	60°58.10'E	MIDDLE BANK	103 M	1966	MUD	4295	0.00	0.94	0.03	0.03	3.25	3.35	1.28	0.45	1.68	16.59	
66004	1004	44°25.70'N	61°02.10'E	MIDDLE BANK	96 M	1966	FINE SAND AND PEBBLES	2935	0.09	0.90	0.00	0.00							
66004	1005	44°30.00'N	61°02.00'E	MIDDLE BANK	94 M	1966	FINE SAND AND PEBBLES	2940	0.23	0.77	0.00	0.00							
66004	1006	44°38.00'N	61°01.50'E	MIDDLE BANK	147 M	1966	FINE SAND	3460	0.04	0.84	0.06	0.06							
66004	1007	44°40.00'N	60°58.20'E	MIDDLE BANK	160 M	1966	MUD, TRACE OF SAND	4326	0.01	0.88	0.04	0.07	1.98	2.56	2.42	0.65	1.13	8.26	
66004	1008	44°44.80'N	61°00.00'E	NORTH OF MIDDLE BANK	154 M	1966	MUD	3472	0.00	0.72	0.12	0.16							
66004	1009	44°49.70'N	60°55.60'E	NORTH OF MIDDLE BANK	241 M	1966	MUD	4297	0.00	0.15	0.67	0.18	6.12	6.39	2.33	0.90	0.46	4.29	
66004	1010	44°49.40'N	60°58.00'E	NORTH OF MIDDLE BANK	161 M	1966	GRAVEL, SAND AND MUD; TILL												
66004	1011	44°48.90'N	61°01.00'E	MIDDLE BANK	139 M	1966	MUD, SAND AND PEBBLES	3462	0.00	0.85	0.06	0.09							
66004	1012	44°48.60'N	61°03.60'E	NORTH OF MIDDLE BANK	174 M	1966	MUD, SAND AND PEBBLES	3463	0.00	0.43	0.28	0.29							

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1013	1013	43°47.50'N	62°27.60'E	NORTH OF EMERALD BANK	132 M	1966	MUDDY SAND	3488	0.02	0.63	0.27	0.08						
66004	1014	1014	43°50.10'N	62°24.80'E	NORTH OF EMERALD BANK	150 M	1966	MUDDY SAND	3455	0.00	0.20	0.73	0.07						
66004	1015	1015	43°51.10'N	62°23.70'E	NORTH OF EMERALD BANK	155 M	1966	MUD, TRACE OF GRIT	3270	0.00	0.04	0.82	0.14						
66004	1016	1016	43°52.80'N	62°22.00'E	NORTH OF EMERALD BANK	154 M	1966	MUD	3507	0.00	0.03	0.70	0.27						
66004	1017	1017	43°51.20'N	62°15.50'E	NORTH OF EMERALD BANK	139 M	1966	MUD	3503	0.00	0.25	0.48	0.17						
66004	1018	1018	43°49.40'N	62°15.00'E	NORTH OF EMERALD BANK	135 M	1966	MUD, WITH GRIT	3423	0.00	0.31	0.61	0.08						
66004	1019	1019	43°47.80'N	62°14.50'E	NORTH OF EMERALD BANK	135 M	1966	MUD, SOME GRIT	3411	0.00	0.33	0.56	0.11						
66004	1020	1020	43°44.30'N	62°13.60'E	NORTH OF EMERALD BANK	128 M	1966	MUDDY SAND	4329	0.00	0.55	0.39	0.07	3.88	4.36	2.06	0.60	1.45	12.36
66004	1021	1021	43°42.50'N	62°13.00'E	WESTERN GULLEY	119 M	1966	FINE SAND	3094	0.00	0.95			2.45	2.46	0.66	0.30	0.33	5.23
66004	1022	1022	43°39.90'N	62°12.00'E	WESTERN GULLEY	104 M	1966	FINE SAND AND SHELLS	3535	0.00	1.00	0.00	0.00						
66004	1023	1023	43°34.90'N	62°12.00'E	WESTERN GULLEY	102 M	1966	FINE SAND, SOME PEBBLES	3024	0.03	0.94	0.03		2.69	2.60	1.18	0.40	-1.68	17.52
66004	1024	1024	43°30.00'N	62°11.70'E	WESTERN GULLEY	106 M	1966	FINE SAND	3201	0.00	0.97	0.03	0.00						
66004	1025	1025	43°24.90'N	62°11.90'E	WESTERN GULLEY	101 M	1966	FINE SAND		0.01	0.99	0.00	0.00	1.55	1.56	0.67	0.30	-0.88	17.04
66004	1026	1026	43°19.80'N	62°11.90'E	WESTERN GULLEY	102 M	1966	FINE SAND AND PEBBLES	3108	0.34	0.66	0.01	0.00	1.42	-0.20	3.09	3.30	-0.28	1.52
66004	1027	1027	43°14.90'N	62°11.90'E	WESTERN GULLEY	101 M	1966	PEBBLES		0.99	0.01	0.00	0.00	-5.49	-5.40	0.78	0.25	3.47	60.52
66004	1028	1028	43°10.00'N	62°11.90'E	WESTERN GULLEY	104 M	1966	FINE SAND AND SHELLS	3091	0.04	0.96	0.00	0.00	2.36	2.09	1.18	0.40	-1.41	12.68
66004	1029	1029	43°04.90'N	62°11.90'E	WESTERN GULLEY	109 M	1966	COARSE SAND AND SHELLS	3000	0.10	0.90	0.00	0.00	0.63	0.54	1.10	0.60	-0.41	4.49

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1030	1030	42°59.90'N	62°11.60'E	WESTERN GULLEY	131 M	1966	FINE SAND	3220	0.00	1.00	0.00	0.00	2.36	2.03	1.57	0.55	-1.38	11.57
66004	1031	1031	42°59.90'N	62°04.80'E	NORTH OF WESTERN BANK	129 M	1966	FINE SAND	4354	0.05	0.94								
66004	1032	1032	43°02.20'N	62°04.80'E	NORTH OF WESTERN BANK	116 M	1966	FINE SAND AND SHELLS	4294	0.02	0.97			2.45	2.30	0.97	0.30	-1.64	20.60
66004	1033	1033	43°02.90'N	62°04.80'E	NORTH OF WESTERN GULLEY	109 M	1966	COARSE SAND AND SHELLS	3158	0.23	0.76	0.00	0.00	-0.24	-0.02	1.32	0.80	0.50	4.07
66004	1034	1034	43°09.90'N	62°04.80'E	WESTERN GULLEY	102 M	1966	2 COBBLES; 2 DROPS	2986	0.99	0.01	0.00	0.00	-5.49	-5.41	0.74	0.25	3.44	58.51
66004	1035	1035	43°14.80'N	62°04.50'E	WESTERN GULLEY	97 M	1966	2 COBBLES; 2 DROPS	2995	1.00	0.00			-5.50	-5.48	0.44	0.25	5.46	89.57
66004	1036	1036	43°19.80'N	62°04.50'E	WESTERN GULLEY	91 M	1966	MUD, SAND AND SHELLS	3167	0.02	0.98			1.63	1.64	0.72	0.40	-0.70	8.81
66004	1037	1037	43°24.80'N	62°04.50'E	WESTERN GULLEY	101 M	1966	MUD, SAND AND SHELLS	2998	0.00	1.00	0.00	0.80	1.99	2.00	0.79	0.55	0.00	2.88
66004	1038	1038	43°30.00'N	62°04.10'E	WESTERN GULLEY	102 M	1966	FINE SAND AND SHELLS	2998										
66004	1039	1039	43°35.11'N	62°03.80'E	WESTERN GULLEY	95 M	1966	SAND AND PEBBLES	3013	0.48	0.52	0.00	0.00	0.28	-1.85	3.41	3.45	-0.05	1.08
66004	1040	1040	43°40.00'N	62°04.00'E	WESTERN GULLEY	95 M	1966	SAND, A FEW PEBBLES AND SHELLS	3140	0.22	0.78	0.00	0.00	1.66	0.32	3.10	0.60	-0.64	2.80
66004	1041	1041	43°44.00'N	62°02.60'E	WESTERN GULLEY	91 M	1966	MEDIUM SAND AND SHELLS	2992	0.00	1.00	0.00	0.00						
66004	1042	1042	43°45.50'N	62°07.00'E	WESTERN GULLEY	114 M	1966	FINE SAND	3471	0.00	0.95	0.03	0.03						
66004	1043	1043	43°46.10'N	62°07.20'E	WESTERN GULLEY	121 M	1966	FINE SAND AND SHELLS	3419	0.01	0.32	0.61	0.06						
66004	1044	1044	43°52.30'N	62°09.30'E	NE OF EMERALD BANK	121 M	1966	FINE SAND	3376	0.01	0.85	0.08	0.06						
66004	1045	1045	43°54.80'N	62°10.00'E	NE OF EMERALD BANK	110 M	1966	MEDIUM SAND	2987	0.12	0.87	0.00	0.00						
66004	1046	1046	43°56.80'N	62°11.00'E	NE OF EMERALD BANK	114 M	1966	PEBBLES, FINE SAND AND SHELLS	3434	0.46	0.50	0.02	0.01						
66004	1047	1047	43°57.30'N	62°11.10'E	SCOTTIAN SHELF	119 M	1966	MEDIUM TO FINE SAND	3217	0.03	0.97	0.00	0.00						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1069	1069	44°42.20'N	62°14.40'E	NORTH OF WESTERN BANK	116 M	1966	FINE SAND AND PEBBLES	3127	0.07	0.90	0.00	0.00	1.71	1.46	1.43	0.85	-0.29	2.95
66004	1070	1070	44°44.40'N	62°15.60'E	NORTH OF WESTERN BANK	97 M	1966	FINE SAND AND GRAVEL	3486	0.02	0.83	0.07	0.08						
66004	1071	1071	44°46.00'N	62°16.50'E	NORTH OF WESTERN BANK	74 M	1966	PEBBLES	3072	0.97	0.03	0.00	0.00						
66004	1072	1072	44°48.40'N	62°10.80'E	NORTH OF WESTERN BANK	81 M	1966	FIND SAND AND GRAVEL	3521	0.05	0.89	0.03	0.03						
66004	1073	1073	44°46.50'N	62°09.80'E	NORTH OF WESTERN BANK	88 M	1966	ROCK; ONE BIG BOULDER											
66004	1074	1074	44°44.50'N	62°08.50'E	NORTH OF WESTERN BANK	110 M	1966	ROCK AND GRAVEL											
66004	1075	1075	44°43.20'N	62°07.60'E	NORTH OF WESTERN BANK	117 M	1966	FINE SAND AND PEBBLES	3035	1.00									
66004	1076	1076	44°40.50'N	62°06.00'E	NORTH OF WESTERN BANK	138 M	1966	MUD, SAND AND PEBBLES	3520	0.34	0.42	0.13	0.11	-5.50	-5.50	0.26	0.25	0.00	1.97
66004	1077	1077	44°38.40'N	62°05.00'E	NORTH OF WESTERN BANK	143 M	1966	MUD, POSSIBLY A FEW PEBBLES	3495	0.00	0.23	0.54	0.23						
66004	1078	1078	44°34.80'N	62°04.90'E	NORTH OF WESTERN BANK	150 M	1966	MUD	3531	0.00	0.12	0.65	0.23						
66004	1079	1079	44°30.00'N	62°05.00'E	NORTH OF WESTERN BANK	210 M	1966		3410	0.00	0.01	0.33	0.66						
66004	1080	1080	44°26.40'N	62°02.40'E	NORTH OF WESTERN BANK	210 M	1966	MUDDY SAND; DEPRESSION IN TILL RIDGE	3403	0.00	0.05	0.39	0.56						
66004	1081	1081	44°24.90'N	61°57.80'E	NORTH OF WESTERN BANK	179 M	1966	MUD	3377	0.00	0.02	0.57	0.43						
66004	1082	1082	44°20.10'N	61°59.80'E	NORTH OF WESTERN BANK	183 M	1966	MUD	3416	0.00	0.07	0.60	0.33						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1083	1083	44°14.90'N	61°57.90'E	NORTH OF WESTERN BANK	183 M	1966	MUD	3509	0.00	0.02	0.63	0.37						
66004	1084	1084	44°13.20'N	61°57.30'E	NORTH OF WESTERN BANK	143 M	1966	MUD, SAND AND GRAVEL; TILL	3214	0.01	0.98								
66004	1085	1085	44°12.60'N	61°57.00'E	NORTH OF WESTERN BANK	128 M	1966	COARSE SAND AND GRAVEL	3534	0.01	0.99								
66004	1086	1086	44°07.50'N	61°55.00'E	NORTH OF WESTERN BANK	148 M	1966	MUDDY SAND	3413	0.01	0.70	0.14	0.15						
66004	1087	1087	44°06.50'N	61°54.80'E	NORTH OF WESTERN BANK	148 M	1966	MUD, SOME GRIT	3438	0.00	0.34	0.51	0.15						
66004	1088	1088	44°01.90'N	61°53.00'E	NORTH OF WESTERN BANK	139 M	1966	MUD, SOME GRIT	3389	0.00	0.24	0.49	0.27						
66004	1089	1089	44°01.00'N	61°52.50'E	NORTH OF WESTERN BANK	128 M	1966	MUDDY SAND	3481	0.00	0.89	0.05	0.06						
66004	1090	1090	43°59.20'N	61°51.90'E	NORTH OF WESTERN BANK	128 M	1966	MUDDY SAND	3512	0.00	0.84	0.10	0.06						
66004	1091	1091	43°58.80'N	61°51.60'E	NORTH OF WESTERN BANK	103 M	1966	COARSE SAND	3192	0.14	0.85	0.01	0.00						
66004	1092	1092	43°58.40'N	61°51.50'E	NORTH OF WESTERN BANK	101 M	1966	COARSE SAND	3189	0.05	0.94	0.00	0.00	0.65	0.59	0.89	0.60	-0.17	3.37
66004	1093	1093	43°56.40'N	61°50.80'E	NORTH OF WESTERN BANK	94 M	1966	COARSE SAND AND GRAVEL	3189	0.28	0.72			-0.27	-0.64	1.61	0.80	-0.43	2.97
66004	1094	1094	43°55.40'N	61°50.50'E	NORTH OF WESTERN BANK	120 M	1966	COARSE SAND AND GRAVEL	3200	0.07	0.92	0.01	0.00						
66004	1095	1095	43°54.90'N	61°50.10'E	NORTH OF WESTERN BANK	143 M	1966	FINE SAND	3398	0.00	0.62	0.29	0.09						
66004	1096	1096	43°54.00'N	61°49.90'E	NORTH OF WESTERN BANK	147 M	1966	FINE SAND	3421	0.00	0.32	0.57	0.11						
66004	1097	1097	43°51.90'N	61°49.40'E	WESTERN BANK	128 M	1966	MUD	3500	0.00	0.08	0.86	0.06						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1098	1098	43°51.40'N	61°49.00'E	WESTERN BANK	96 M	1966	FINE SAND	3222	0.00	0.99	0.00	0.00						
66004	1099	1099	43°45.00'N	61°50.70'E	WESTERN BANK	86 M	1966	MEDIUM SAND AND GRAVEL	3637	0.65	0.35								
66004	1100	1100	43°40.00'N	61°51.00'E	WESTERN BANK	79 M	1966	COARSE GRAVEL AND PEBBLES	3100	1.00	0.00	0.00	0.00	-5.48	-5.46	0.43	0.20	4.98	74.49
66004	1101	1101	43°35.00'N	61°51.00'E	WESTERN BANK	79 M	1966	COARSE GRAVEL AND PEBBLES	4304	1.00				-5.50	-5.49	0.32	0.25	2.23	57.76
66004	1102	1102	43°30.00'N	61°51.00'E	WESTERN BANK	85 M	1966	MEDIUM SAND, PEBBLES AND SHELLS	3015	0.12	0.88			1.32	0.85	1.60	0.55	-0.87	5.31
66004	1103	1103	43°25.00'N	61°51.00'E	WESTERN BANK	86 M	1966	FINE SAND AND PEBBLES	2989	0.01	0.99	0.00	0.00	2.36	2.22	0.74	0.35	-1.02	10.65
66004	1104	1104	43°20.00'N	61°51.00'E	WESTERN BANK	91 M	1966	COARSE SAND, GRAVEL AND SHELLS	3115	0.40	0.59	0.00	0.00	-0.47	-1.08	2.72	2.30	-0.23	1.95
66004	1105	1105	43°15.00'N	61°51.00'E	WESTERN BANK	95 M	1966	MEDIUM SAND AND SHELLS	4321	0.07	0.91	0.01	0.01	2.27	1.91	1.82	0.65	-0.22	7.72
66004	1106	1106	43°09.80'N	61°50.50'E	WESTERN BANK	95 M	1966	MEDIUM SAND AND SHELLS	3022	0.00	0.99	0.00	0.00	1.99	2.02	0.78	0.55	-0.08	4.51
66004	1107	1107	43°05.00'N	61°50.90'E	SOUTH OF WESTERN BANK	102 M	1966	MEDIUM, FINE SAND AND SHELLS	3026	0.00	1.00			1.61	1.69	0.58	0.35	0.27	3.65
66004	1108	1108	43°00.80'N	61°50.90'E	SOUTH OF WESTERN BANK	159 M	1966	MEDIUM SAND AND SHELLS			1.00			1.52	1.53	0.62	0.35	0.04	3.53
66004	1109	1109	43°03.50'N	61°43.90'E	SOUTH OF WESTERN BANK	143 M	1966	MEDIUM SAND; MANY PECTIN SHELLS	2993		1.00								
66004	1110	1110	43°04.90'N	61°43.90'E	SOUTH OF WESTERN BANK	117 M	1966	MEDIUM SAND AND SHELLS	3161	0.11	0.86	0.02	0.00	1.25	1.09	1.42	0.95	-0.08	2.65
66004	1111	1111	43°09.90'N	61°43.90'E	WESTERN BANK	90 M	1966	MEDIUM SAND AND SHELLS	3051	0.00	1.00			1.83	1.93	0.65	0.45	0.27	2.85
66004	1112	1112	43°14.80'N	61°43.90'E	WESTERN BANK	88 M	1966	MEDIUM SAND, SOME SHELLS	3175	0.02	0.97			2.12	2.03	1.02	0.55	-0.97	10.38

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.	
66004	1113	1113	43°19.90'N	61°43.90'W	WESTERN BANK	88 M	1966	MEDIUM SAND AND MANY SHELLS	3194	0.30	1.00			0.01	-0.22	1.40	1.10	-0.12	2.36	
66004	1114	1114	43°24.90'N	61°43.90'W	WESTERN BANK	82 M	1966	COARSE SAND AND GRAVEL	3172	0.38	0.62			1.54	1.56	0.49	0.30	0.12	3.65	
66004	1115	1115	43°27.40'N	61°44.00'W	WESTERN BANK	73 M	1966	MEDIUM SAND	3105	0.38	0.62			1.66	0.02	2.80	2.85	-0.23	1.38	
66004	1116	1116	43°30.00'N	61°43.90'W	WESTERN BANK	81 M	1966	FINE SAND, GRAVEL AND SHELLS	3170											
66004	1117	1117	43°35.00'N	61°43.90'W	WESTERN BANK	77 M	1966	MEDIUM SAND, PEBBLES AND SHELLS		0.02	0.98			1.45	1.35	0.86	0.45	-0.49	5.05	
66004	1118	1118	43°39.90'N	61°43.90'W	WESTERN BANK	75 M	1966	COARSE GRAVEL	3188	0.98	0.02			-5.48	-5.41	0.59	0.20	3.33	69.38	
66004	1119	1119	43°44.90'N	61°43.90'W	WESTERN BANK	75 M	1966	COARSE GRAVEL	3119	1.00				-5.46	-5.25	1.23	0.20	2.52	29.60	
66004	1120	1120	43°49.80'N	61°43.90'W	WESTERN BANK	72 M	1966	COARSE GRAVEL AND PEBBLES	3148	0.97	0.03			-2.58	-2.29	1.96	1.25	0.32	3.04	
66004	1121	1121	43°55.00'N	61°43.90'W	WESTERN BANK	86 M	1966	COARSE SAND AND GRAVEL	3191	0.76	0.24									
66004	1122	1122	43°58.60'N	61°44.30'W	NORTH OF WESTERN BANK	103 M	1966	FINE SAND	3536	0.00	1.00									
66004	1123	1123	43°59.20'N	61°44.50'W	NORTH OF WESTERN BANK	117 M	1966	MEDIUM SAND	3202	0.04	0.96									
66004	1124	1124	44°03.20'N	61°45.90'W	NORTH OF WESTERN BANK	149 M	1966	MUD	3375	0.00	0.10	0.83	0.07							
66004	1125	1125	44°05.90'N	61°47.00'W	NORTH OF WESTERN BANK	130 M	1966	FINE SAND AND GRAVEL	3467	0.45	0.32	0.13	0.10							
66004	1126	1126	44°07.90'N	61°47.80'W	NORTH OF WESTERN BANK	128 M	1966	FINE SAND	3251	0.00	0.85	0.08	0.07							
66004	1127	1127	44°10.00'N	61°48.50'W	NORTH OF WESTERN BANK	114 M	1966	MEDIUM SAND AND GRAVEL	1127	0.64	0.36			-3.04	-2.36	2.86	2.90	0.16	1.52	
66004	1128	1128	44°11.30'N	61°49.00'W	NORTH OF WESTERN BANK	135 M	1966	MUDDY SAND	3478	0.01	0.67	0.21	0.22							

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.	
66004	1129	1129	44°12.60'N	61°49.50'W	NORTH OF WESTERN BANK	139 M	1966	MUDDY SAND	3473	0.00	0.92	0.04	0.05							
66004	1130	1130	44°13.20'N	61°49.70'W	NORTH OF WESTERN BANK	157 M	1966	MUD	3399	0.00	0.04	0.78	0.19							
66004	1131	1131	44°14.90'N	61°50.40'W	NORTH OF WESTERN BANK	165 M	1966	MUD WITH SOME GRIT	3395	0.00	0.37	0.30	0.35							
66004	1132	1132	44°16.10'N	61°50.80'W	NORTH OF WESTERN BANK	128 M	1966	MUDDY SAND AND GRAVEL	3221	0.10	0.90	0.02	0.00							
66004	1133	1133	44°16.80'N	61°51.00'W	NORTH OF WESTERN BANK	179 M	1966	MUD	3427	0.00	0.06	0.55	0.39							
66004	1134	1134	44°21.00'N	61°57.80'W	NORTH OF WESTERN BANK		1966	MUD	3285	0.00	0.01	0.38	0.61							
66004	1135	1135	44°24.70'N	61°52.30'W	NORTH OF WESTERN BANK	165 M	1966	MUD, SOME GRIT; AT EDGE OF TILL	3491	0.00	0.20	0.68	0.12							
66004	1136	1136	44°30.00'N	61°50.80'W	NORTH OF WESTERN BANK	165 M	1966	MUD	3268	0.00	0.02	0.71	0.28							
66004	1137	1137	44°32.20'N	61°54.10'W	NORTH OF WESTERN BANK	174 M	1966	MUD	4259	0.00	0.01	0.74	0.26		6.38	7.00	1.96	1.25	0.55	3.54
66004	1138	1138	44°35.00'N	61°57.80'W	NORTH OF WESTERN BANK	165 M	1966	MUD	3518	0.00	0.09	0.60	0.31							
66004	1139	1139	44°40.20'N	61°58.40'W	NORTH OF WESTERN BANK	143 M	1966	MUD, SAND AND BOULDERS; POOR SAMPLE	4287	0.02	0.54	0.30	0.17		3.75	4.99	3.76	1.70	0.65	4.05
66004	1140	1140	44°41.80'N	61°59.10'W	NORTH OF WESTERN BANK	139 M	1966	MUD, SAND AND GRAVEL	3501	0.33	0.43	0.15	0.10							
66004	1141	1141	44°43.40'N	62°00.00'W	NORTH OF WESTERN BANK	134 M	1966	MUD, SAND AND GRAVEL	3449	0.32	0.45	0.19	0.05							
66004	1142	1142	44°45.40'N	62°01.20'W	SCOTTIAN SHELF, NE SHORE	121 M	1966	MUDDY SAND WITH COBBLES, PEBBLES AND BOULDERS; POOR SAMPLE	3468	0.65	0.30	0.03	0.01							

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1143	1143	44°46.00'N	62°01.50'W	SCOTTIAN SHELF, NE SHORE	110 M	1966	SAND, PEBBLES AND COBBLES; LOST MOST OF SAND, POOR SAMPLE	3073	0.99	0.01	0.00	0.00	-5.47	-5.35	0.85	0.20	3.44	59.99
66004	1144	1144	44°47.60'N	62°02.80'W	SCOTTIAN SHELF, NE SHORE	88 M	1966	SAND, PEBBLES AND COBBLES	3025	0.95	0.05	0.00	0.00	-5.43	-4.96	1.67	0.25	1.65	13.35
66004	1145	1145	44°49.20'N	62°03.50'W	SCOTTIAN SHELF, NE SHORE	75 M	1966	COARSE SAND AND GRAVEL	3146	0.81	0.19	0.00	0.00	-3.78	-3.02	2.12	1.30	0.51	3.26
66004	1146	1146	44°50.30'N	61°56.60'W	SCOTTIAN SHELF, NE SHORE	74 M	1966	GRAVEL AND COBBLES	3019	1.00	0.00	0.00	0.00	-5.48	-5.46	0.38	0.20	3.41	4.87
66004	1147	1147	44°49.20'N	61°55.90'W	SCOTTIAN SHELF, NE SHORE	74 M	1966	COARSE SAND, GRAVEL AND COBBLES	3021	0.84	0.15	0.00	0.00	-4.39	-3.57	2.16	0.45	0.87	4.89
66004	1148	1148	44°47.30'N	61°55.00'W	SCOTTIAN SHELF, NE SHORE	74 M	1966	COARSE SAND AND GRAVEL	3516	0.56	0.38	0.03	0.03						
66004	1149	1149	44°46.00'N	61°54.20'W	SCOTTIAN SHELF, NE SHORE	119 M	1966	FINE SAND AND GRAVEL	3433	0.40	0.48	0.06	0.06						
66004	1150	1150	44°43.50'N	61°52.40'W	SCOTTIAN SHELF, NE SHORE	141 M	1966	MUD, SAND AND GRAVEL	3426	0.64	0.28	0.04	0.04						
66004	1151	1151	44°41.80'N	61°51.60'W	SCOTTIAN SHELF, NE SHORE	136 M	1966	MUD, SAND AND GRAVEL	3397	0.09	0.56	0.24	0.16						
66004	1152	1152	44°40.00'N	61°50.50'W	SCOTTIAN SHELF, NE SHORE	143 M	1966	MUD, SAND AND GRAVEL	3286	0.11	0.63	0.16	0.10						
66004	1153	1153	44°34.30'N	61°50.00'W	NORTH OF WESTERN BANK	161 M	1966	MUD	3283	0.00	0.08	0.52	0.40						
66004	1154	1154	44°34.90'N	61°43.80'W	NORTH OF WESTERN BANK	161 M	1966	MUD	3415	0.00	0.05	0.73	0.22						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1155	1155	44°32.20'N	61°45.90'W	NORTH OF WESTERN BANK	165 M	1966	MUD	4264	0.00	0.02	0.71	0.26	6.33	7.14	2.48	1.30	0.65	4.11
66004	1156	1156	44°30.00'N	61°41.60'W	NORTH OF WESTERN BANK	167 M	1966	MUD	3393	0.00	0.00	0.52	0.48						
66004	1157	1157	44°25.50'N	61°44.50'W	NORTH OF WESTERN BANK	168 M	1966	MUD	4351	0.00	0.01	0.82	0.18	6.63	7.13	1.60	0.45	0.93	6.37
66004	1158	1158	44°24.30'N	61°44.30'W	NORTH OF WESTERN BANK	174 M	1966	MUD	3532	0.00	0.07	0.66	0.26						
66004	1159	1159	44°23.50'N	61°44.10'W	NORTH OF WESTERN BANK		1966	SAND AND GRAVEL	3112	0.54	0.46	0.00	0.00	-1.65	-1.47	2.62	2.70	0.05	1.43
66004	1160	1160	44°19.00'N	61°43.60'W	NORTH OF WESTERN BANK	168 M	1966	MUD	3482	0.00	0.05	0.51	0.44						
66004	1161	1161	44°17.30'N	61°44.10'W	NORTH OF WESTERN BANK	146 M	1966	MUDDY SAND	3132	0.01	0.97	0.00	0.00	1.80	1.83	0.98	0.60	-0.11	4.30
66004	1162	1162	44°16.50'N	61°43.80'W	NORTH OF WESTERN BANK	117 M	1966	FINE SAND AND GRAVEL	3110	0.72	0.28	0.00	0.00	-5.19	-3.24	3.07	2.75	0.41	2.01
66004	1163	1163	44°15.80'N	61°44.50'W	NORTH OF WESTERN BANK	102 M	1966	SAND AND GRAVEL	3034	0.53	0.46	0.00	0.00	-1.78	-1.62	3.05	3.00	0.09	1.30
66004	1164	1164	44°14.00'N	61°43.50'W	NORTH OF WESTERN BANK	154 M	1966	MUD	3451	0.00	0.13	0.75	0.11						
66004	1165	1165	44°13.20'N	61°43.50'W	NORTH OF WESTERN BANK	141 M	1966	MUD, SOME GRIT	3474	0.00	0.32	0.48	0.20						
66004	1166	1166	44°12.50'N	61°43.50'W	NORTH OF WESTERN BANK		1966	MEDIUM SAND	3137	0.16	0.84	0.00	0.00	1.21	0.40	2.06	0.85	-0.93	5.59
66004	1167	1167	44°10.90'N	61°42.50'W	NORTH OF WESTERN BANK	91 M	1966	SAND AND COBBLES; POOR SAMPLE											
66004	1168	1168	44°09.50'N	61°41.50'W	NORTH OF WESTERN BANK	91 M	1966	SAND AND GRAVEL	3144	0.69	0.32	0.00	0.00	-3.53	-2.47	2.74	2.90	0.26	1.65
66004	1169	1169	44°09.30'N	61°41.20'W	NORTH OF WESTERN BANK	110 M	1966	SAND IN GRAVEL	3185	0.60	0.40	0.00	0.00						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1170	1170	44°08.80'N	61°40.90'W	NORTH OF WESTERN BANK	143 M	1966	MUD, SAND AND GRAVEL	3384	0.01	0.86	0.08	0.06						
66004	1171	1171	44°06.70'N	61°36.50'W	NORTH OF WESTERN BANK	150 M	1966	MUD	3454	0.00	0.04	0.82	0.15						
66004	1172	1172	44°04.40'N	61°39.00'W	NORTH OF WESTERN BANK	117 M	1966	SAND, SOME MUD	3168	0.02	0.96	0.00	0.00	1.26	1.09	0.95	0.50	-0.36	7.29
66004	1173	1173	44°04.00'N	61°39.00'W	WESTERN BANK	110 M	1966	FINE SAND	3113	0.00	0.98	0.00	0.00	1.64	1.70	0.74	0.45	0.16	6.04
66004	1174	1174	44°03.50'N	61°38.80'W	WESTERN BANK	108 M	1966	FINE SAND	3174	0.08	0.91	0.00	0.00	0.81	0.72	1.10	0.65	-0.16	4.61
66004	1175	1175	44°00.00'N	61°36.90'W	WESTERN BANK	84 M	1966	MEDIUM SAND AND COARSE GRAVEL	3187	0.91	0.08	0.00	0.00						
66004	1176	1176	43°55.00'N	61°36.90'W	WESTERN BANK	64 M	1966	COARSE SAND, GRAVEL AND COBBLES	2990	0.67	0.33	0.00	0.00	-1.66	-2.15	1.92	1.65	-0.08	1.92
66004	1177	1177	43°50.00'N	61°36.90'W	WESTERN BANK	64 M	1966	COARSE GRAVEL	2997	0.97	0.03			-5.44	-5.13	1.29	0.25	1.75	15.41
66004	1178	1178	43°44.90'N	61°36.90'W	WESTERN BANK	63 M	1966	COBBLES	3134	0.99	0.01			-5.48	-5.43	0.64	0.20	4.06	85.68
66004	1179	1179	43°40.00'N	61°36.90'W	WESTERN BANK	64 M	1966	COARSE GRAVEL AND SHELLS	3109	1.00	0.00	0.00	0.00	-4.78	-4.82	0.66	0.40	1.44	30.63
66004	1180	1180	43°35.00'N	61°36.90'W	WESTERN BANK	70 M	1966	FINE SAND	2994	0.00	1.00								
66004	1181	1181	43°30.80'N	61°36.90'W	WESTERN BANK	75 M	1966	COARSE SAND	3195	0.74	0.26								
66004	1182	1182	43°27.70'N	61°36.80'W	WESTERN BANK	72 M	1966	MEDIUM SAND	3150	0.00	1.00	0.00	0.00	1.42	1.36	0.49	0.30	-0.83	11.14
66004	1183	1183	43°25.00'N	61°39.90'W	WESTERN BANK	85 M	1966	FINE SAND, GRAVEL AND SHELLS	3053	0.04	0.96	0.00	0.00	2.19	1.83	1.19	0.50	-0.97	7.22
66004	1184	1184	43°19.90'N	61°36.90'W	WESTERN BANK	83 M	1966	FINE SAND AND SHELLS	3190	0.00	1.00	0.00	0.00						
66004	1185	1185	43°15.00'N	61°36.90'W	WESTERN BANK	83 M	1966	FINE SAND AND SHELLS	3169	0.03	0.96			1.09	0.95	0.88	0.55	-0.55	6.17
66004	1186	1186	43°09.80'N	61°36.90'W	WESTERN BANK	91 M	1966	FINE SAND AND SHELLS	3152	0.00	1.00			2.58	2.58	0.70	0.45	-0.35	6.14

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1187	1187	43°06.60'N	61°36.90'W	WESTERN BANK	117 M	1966	FINE SAND AND SHELLS	3197	0.00	1.00			1.52	1.53	1.20	0.65	-0.46	3.90
66004	1188	1188	43°05.00'N	61°36.90'W	WESTERN BANK	150 M	1966	FINE SAND AND SHELLS		0.06	0.94			1.72	1.79	0.72	0.45	-0.11	5.45
66004	1189	1189	43°08.50'N	61°29.80'W	WESTERN BANK	161 M	1966	FINE SAND	3147	0.00	0.99			0.13	0.16	0.89	0.60	0.08	2.81
66004	1190	1190	43°14.90'N	61°30.00'W	WESTERN BANK	75 M	1966	COARSE SAND AND SHELL		0.08	0.92			1.78	1.87	0.61	0.40	0.24	2.89
66004	1191	1191	43°19.90'N	61°30.00'W	WESTERN BANK	79 M	1966	MEDIUM SAND AND SHELLS		0.00	1.00			1.69	1.77	0.54	0.40	0.21	3.95
66004	1192	1192	43°25.00'N	61°30.00'W	WESTERN BANK	81 M	1966	MEDIUM SAND	3151	0.00	1.00								
66004	1193	1193	43°30.00'N	61°30.00'W	WESTERN BANK	77 M	1966	MEDIUM SAND AND SHELLS	3215	0.00	0.99	0.01							
66004	1194	1194	43°35.00'N	61°30.00'W	WESTERN BANK	62 M	1966	COARSE SAND	3038	0.03	0.96	0.01		1.44	1.34	0.83	0.35	-0.48	7.02
66004	1195	1195	43°40.00'N	61°30.00'W	WESTERN BANK	57 M	1966	MEDIUM TO COARSE SAND	3164	0.00	1.00	0.00	0.00	1.71	1.79	0.51	0.40	0.22	2.36
66004	1196	1196	43°45.00'N	61°30.00'W	WESTERN BANK	53 M	1966	FINE SAND	3173	0.00	1.00			1.51	1.51	0.40	0.25	-0.27	7.03
66004	1197	1197	43°50.00'N	61°30.00'W	WESTERN BANK	57 M	1966	FINE SAND, GRAVEL AND SHELLS	3154	0.82	0.18			-4.60	-3.60	2.59	0.95	0.72	3.58
66004	1198	1198	43°55.00'N	61°30.00'W	WESTERN BANK	53 M	1966	MEDIUM SAND AND SHELLS	3002	0.00	1.00			1.54	1.23	0.56	0.35	-0.55	5.04
66004	1199	1199	44°00.30'N	61°32.00'W	WESTERN BANK	103 M	1966	MUD, SAND	3216	0.00	0.98	0.02							
66004	1200	1200	44°01.00'N	61°32.00'W	NORTH OF WESTERN BANK	121 M	1965	MUD	3406	0.00	13.20	0.67	0.20						
66004	1201	1201	44°02.50'N	61°32.60'W	NORTH OF WESTERN BANK	132 M	1965	MUD	3442	0.00	0.06	0.69	0.25						
66004	1202	1202	44°05.20'N	61°33.40'W	NORTH OF WESTERN BANK	134 M	1965	MUD	3307	0.00	0.05	0.87	0.09						
66004	1203	1203	44°07.50'N	61°34.00'W	NORTH OF WESTERN BANK	128 M	1965	MUD AND SAND	3396	0.02	0.83	0.08	0.07						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1204	1204	44°08.20'N	61°34.10'W	NORTH OF WESTERN BANK	138 M	1965	MUD	3508	0.00	0.56	0.38	0.15						
66004	1205	1205	44°08.80'N	61°34.40'W	NORTH OF WESTERN BANK	143 M	1965	MUD	3476	0.00	0.62	0.27	0.11						
66004	1206	1206	44°10.10'N	61°37.00'W	NORTH OF WESTERN BANK	163 M	1965	MUD	3475	0.00	0.01	0.84	0.15						
66004	1207	1207	44°14.00'N	61°35.70'W	NORTH OF WESTERN BANK	145 M	1965	MUD	3489	0.00	0.60	0.20	0.11						
66004	1208	1208	44°19.60'N	61°35.00'W	NORTH OF WESTERN BANK	128 M	1965	FINE SAND	3018	0.13	0.87	0.00	0.00	0.95	0.55	1.51	0.85	-0.64	4.70
66004	1209	1209	44°20.20'N	61°35.00'W	NORTH OF WESTERN BANK	117 M	1965	FINE SAND	3156	0.00	1.00	0.00	0.00	1.56	1.59	0.41	-0.25	0.16	7.59
66004	1210	1210	44°20.60'N	61°35.00'W	NORTH OF WESTERN BANK	115 M	1965	MUD AND FINE SAND	1210	0.01	0.86	0.07	0.07						
66004	1211	1211	44°21.20'N	61°35.00'W	NORTH OF WESTERN BANK	169 M	1965	MUD AND SAND	3458	0.00	0.09	0.55	0.36						
66004	1212	1212	44°21.80'N	61°35.00'W	NORTH OF WESTERN BANK	169 M	1965	MUD AND SAND	3523	0.00	0.02	0.62	0.37						
66004	1213	1213	44°19.80'N	61°33.60'W	NORTH OF WESTERN BANK	194 M	1965	3517	3517	0.00	0.02	0.72	0.26						
66004	1214	1214	44°18.80'N	61°33.10'W	NORTH OF WESTERN BANK	140 M	1965	MUDDY SAND	3033	0.00	0.99	0.00	0.00	1.78	1.78	0.84	0.55	-0.16	3.94
66004	1215	1215	44°15.50'N	61°31.40'W	NORTH OF WESTERN BANK	143 M	1965	MUD	3390	0.00	0.03	0.56	0.40						
66004	1216	1216	44°15.50'N	61°31.00'W	NORTH OF WESTERN BANK	135 M	1965	MUDDY SAND	3420	0.01	0.84	0.07	0.08						
66004	1217	1217	44°12.40'N	61°27.40'W	NORTH OF WESTERN BANK	140 M	1965	MUDDY SAND	3408	0.02	0.84	0.06	0.08						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1218	1218	44°11.40'N	61°26.90'W	NORTH OF WESTERN BANK	110 M	1965	SAND AND GRAVEL	3020	0.10	0.90	0.00	0.00	1.27	0.79	1.65	0.60	-1.01	6.87
66004	1219	1219	44°11.00'N	61°26.50'W	NORTH OF WESTERN BANK	128 M	1965	MUDDY SAND	3477	0.06	0.81	0.10	0.07						
66004	1220	1220	44°10.70'N	61°28.50'W	NORTH OF WESTERN BANK	130 M	1965	MUDDY SAND	3129	0.03	0.96	0.00	0.00	1.50	1.43	0.91	0.45	-0.34	5.44
66004	1221	1221	44°09.40'N	61°27.80'W	NE OF WESTERN BANK	106 M	1965	FINE SAND	3107	0.10	0.90	0.00	0.00	0.86	0.61	1.14	0.70	-0.59	4.68
66004	1222	1222	44°09.00'N	61°25.00'W	NE OF WESTERN BANK	150 M	1965	MUD	3253	0.00	0.02	0.78	0.21						
66004	1223	1223	44°01.60'N	61°23.60'W	NE OF WESTERN BANK	128 M	1965	MUD	3288	0.00	0.53	0.35	0.15						
66004	1224	1224	44°01.00'N	61°23.30'W	NE OF WESTERN BANK	117 M	1965	MUD, SOME SAND	3388	0.01	0.85	0.09	0.05						
66004	1225	1225	44°00.50'N	61°23.00'W	NE OF WESTERN BANK	108 M	1965	FINE SAND	3223	0.00	0.98	0.02	0.00						
66004	1226	1226	44°04.40'N	61°21.80'W	NE OF WESTERN BANK	128 M	1965	MUD, SOME GRIT	3272	0.01	0.48	0.46	0.05						
66004	1227	1227	44°03.10'N	61°21.00'W	NE OF WESTERN BANK	121 M	1965	MUDDY SAND	3382	0.00	0.78	0.14	0.08						
66004	1228	1228	44°02.70'N	61°16.50'W	SABLE ISLAND BANK	99 M	1965	MUDDY SAND	3186	0.01	0.97	0.02	0.00						
66004	1229	1229	44°03.20'N	61°17.00'W	SABLE ISLAND BANK	102 M	1965	MUDDY SAND	3401	0.01	0.87	0.07	0.05						
66004	1230	1230	44°05.50'N	61°18.60'W	SOUTH OF THE COW PEN	128 M	1965	MUD, SOME GRIT	3515	0.00	0.27	0.62	0.11						
66004	1231	1231	44°09.10'N	61°21.50'W	SOUTH OF THE COW PEN	136 M	1965	MUD AND SAND	3480	0.00	0.58	0.31	0.11						
66004	1232	1232	44°09.10'N	61°19.30'W	SOUTH OF THE COW PEN	118 M	1965	MUD AND SAND	3504	0.02	0.82	0.08	0.08						
66004	1233	1233	44°08.60'N	61°18.50'W	SOUTH OF THE COW PEN	114 M	1965	MUD AND SAND	3422	0.01	0.85	0.08	0.06						
66004	1234	1234	44°07.40'N	61°16.00'W	SE OF THE COW PEN	105 M	1965	MUD AND SAND	3440	0.00	0.91	0.05	0.04						
66004	1235	1235	44°07.00'N	61°15.30'W	NORTH SABLE ISLAND BANK	86 M	1965	FINE SAND AND SHELLS	3023	0.01	0.99	0.00	0.00	2.20	2.05	0.80	0.45	-1.31	15.68
66004	1236	1236	44°10.70'N	61°16.10'W	NORTH SABLE ISLAND BANK	88 M	1965	FINE SAND	3157	0.01	0.99	0.00	0.00	2.21	2.08	0.79	0.45	-1.57	21.24

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1237	1237	44°12.70'N	61°21.50'W	SE OF THE COW PEN	213 M	1965	MUD	3424	0.00	0.25	0.64	0.13						
66004	1238	1238	44°11.20'N	61°23.10'W	SE OF THE COW PEN	114 M	1965	FINE SAND, MUD AND GRAVEL	3136	0.10	0.90	0.00	0.00	1.38	0.93	1.63	0.45	-1.08	7.45
66004	1239	1239	44°14.10'N	61°25.50'W	THE COW PEN	183 M	1965	MUD	3435	0.00	0.06	0.52	0.42						
66004	1240	1240	44°15.00'N	61°25.00'W	THE COW PEN	183 M	1965	MUD	3256	0.00	0.02	0.87	0.11						
66004	1241	1241	44°17.00'N	61°27.50'W	THE COW PEN	143 M	1965	MUD	3429	0.00	0.54	0.30	0.16						
66004	1242	1242	44°18.50'N	61°28.60'W	NORTH OF WESTERN BANK	143 M	1965	FINE SAND AND MUD	3273	0.00	0.88	0.06	0.06						
66004	1243	1243	44°21.70'N	61°25.60'W	NORTH OF THE COW PEN	176 M	1965	FINE SAND AND MUD	3506	0.00	0.47	0.32	0.21						
66004	1244	1244	44°20.50'N	61°24.30'W	NORTH OF THE COW PEN	125 M	1965	FINE SAND AND MUD; WIND FORCE 10	3117	0.01	0.98	0.00	0.00	1.50	1.60	0.93	0.35	0.29	4.51
66004	1244A	1244A	44°20.50'N	61°24.30'W	THE COW PEN	198 M	1965	GRASS? MUD											
66004	1245	1245	44°18.40'N	61°22.10'W	THE COW PEN	188 M	1965	GRASS; STINKY MUD		0.00	0.00	0.72	0.28	6.65	7.56	2.38	1.20	0.73	4.29
66004	1246	1246	44°16.80'N	61°20.20'W	THE COW PEN	161 M	1965	FINE SAND; MUD	3445	0.00	0.75	0.14	0.11						
66004	1247	1247	44°14.60'N	61°18.00'W	THE COW PEN	110 M	1965	FINE SAND, MUD	3030	0.02	0.98	0.00	0.00	1.64	1.63	0.79	0.45	-0.63	9.30
66004	1248	1248	44°14.10'N	61°17.40'W	THE COW PEN	125 M	1965	FINE SAND, MUD	3522	0.01	0.87	0.06	0.06						
66004	1249	1249	44°21.70'N	61°16.70'W	NORTH OF THE COW PEN	102 M	1965	SAND AND GRAVEL	2988	0.43	0.57	0.00	0.00	-0.03	-0.53	1.90	1.80	-0.09	1.66
66004	1250	1250	44°21.90'N	61°17.50'W	NORTH OF THE COW PEN	187 M	1965	MUD, SOME GRIT	3519	0.00	0.56	0.22	0.12						
66004	1251	1251	44°22.40'N	61°19.40'W	NORTH OF THE COW PEN	183 M	1965	MUD, SOME GRIT	3461	0.28	0.14	0.37	0.21						
66004	1252	1252	44°23.60'N	61°23.00'W	NORTH OF THE COW PEN	146 M	1965	MUD, SAND AND GRAVEL	3309	0.01	0.84	0.08	0.07						
66004	1253	1253	44°24.70'N	61°28.90'W	NORTH OF THE COW PEN	161 M	1965	MUD, SAND AND GRAVEL; 1 COBBLE	3289	0.02	0.88	0.08	0.02						
66004	1254	1254	44°23.30'N	61°32.10'W	NORTH OF WESTERN BANK	177 M	1965	MUD	3284	0.00	0.02	0.64	0.34						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1255	1255	44°24.50'N	61°34.70'W	NORTH OF WESTERN BANK	168 M	1965	MUD	3514	0.00	0.01	0.55	0.44						
66004	1256	1256	44°30.00'N	61°36.80'W	NORTH OF WESTERN BANK	165 M	1965	MUD	3493	0.00	0.03	0.59	0.38						
66004	1257	1257	44°30.00'N	61°30.00'W	NORTH OF WESTERN BANK	154 M	1965	MUD	3428	0.00	0.03	0.84	0.13						
66004	1258	1258	44°30.00'N	61°21.60'W	NORTH OF WESTERN BANK	125 M	1965	MUD	3464	0.00	0.81	0.12	0.07						
66004	1259	1259	44°29.00'N	61°17.00'W	MIDDLE BANK	127 M	1965	MUD	3484	0.00	0.84	0.09	0.07						
66004	1260	1260	44°27.80'N	61°18.50'W	MIDDLE BANK	136 M	1965	MUD	3441	0.00	0.62	0.25	0.13						
66004	1261	1261	44°26.40'N	61°20.40'W	NORTH OF THE COW PEN	121 M	1965	MUD	3439	0.00	0.91	0.04	0.05						
66004	1262	1262	44°25.20'N	61°15.60'W	NORTH OF THE COW PEN	147 M	1965	MUD	3311	0.00	0.54	0.36	0.10						
66004	1263	1263	44°24.20'N	61°09.00'W	MIDDLE BANK	92 M	1965	MEDIUM SAND, GRAVEL AND PEBBLES	3041	0.53	0.47	0.00	0.00	-3.27	-2.06	3.46	3.45	0.04	1.10
66004	1264	1264	44°26.20'N	61°11.50'W	SW MIDDLE BANK	128 M	1965	MUD	3269	0.00	0.66	0.28	0.06						
66004	1265	1265	44°28.50'N	61°11.10'W	MIDDLE BANK	110 M	1965	MUD	3402	0.00	0.83	0.11	0.05						
66004	1266	1266	44°29.50'N	61°11.00'W	MIDDLE BANK	108 M	1965	MUDDY SAND	3412	0.00	0.84	0.08	0.08						
66004	1267	1267	44°30.50'N	61°11.00'W	MIDDLE BANK	108 M	1965	MUDDY SAND	3490	0.02	0.89	0.05	0.04						
66004	1268	1268	44°35.50'N	61°09.00'W	MIDDLE BANK	107 M	1965	MEDIUM SAND AND GRAVEL	3122	0.13	0.86	0.00	0.00	1.67	1.25	1.64	0.70	-0.73	4.89
66004	1269	1269	44°32.40'N	61°18.80'W	MIDDLE BANK	113 M	1965	MUD, SAND AND GRAVEL	3466	0.00	0.90	0.04	0.06						
66004	1270	1270	44°31.80'N	61°20.90'W	WEST OF MIDDLE BANK	121 M	1965	MUD, SAND AND A TRACE OF GRAVEL	3290	0.00	0.88	0.07	0.05						
66004	1271	1271	44°31.20'N	61°23.60'W	WEST OF MIDDLE BANK	135 M	1965	MUD, SOME GRIT	3374	0.00	0.64	0.28	0.08						
66004	1272	1272	44°36.20'N	61°18.60'W	WEST OF MIDDLE BANK	113 M	1965	FINE SAND; SOME MUD	4244	0.01	0.91	0.06	0.03	2.44	2.62	1.58	0.35	1.19	11.95
66004	1273	1273	44°35.70'N	61°21.80'W	WEST OF MIDDLE BANK	124 M	1965	MUDDY SAND	3436	0.00	0.88	0.05	0.07						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1274	1274	44°35.30'N	61°24.40'W	WEST OF MIDDLE BANK	139 M	1965	MUD, SOME GRIT	3250	0.00	0.64	0.31	0.05						
66004	1275	1275	44°35.10'N	61°29.90'W	WEST OF MIDDLE BANK	150 M	1965	MUD, SOME GRIT	3391	0.00	0.19	0.61	0.20						
66004	1276	1276	44°35.10'N	61°36.80'W	WEST OF MIDDLE BANK	146 M	1965	MUD, SOME GRIT	3437	0.00	0.69	0.20	0.11						
66004	1277	1277	44°40.00'N	61°15.80'W	MIDDLE BANK	108 M	1965	FINE SAND	3028	0.02	0.97	0.00	0.00	1.79	1.73	0.95	0.55	-0.53	5.85
66004	1278	1278	44°45.00'N	61°16.00'W	MIDDLE BANK	110 M	1965	SAND AND GRAVEL, LOST MOST OF SAND; POOR SAMPLE	3027	0.97	0.03	0.00	0.00	-5.43	-5.18	1.32	0.25	2.36	25.15
66004	1279	1279	44°45.00'N	61°09.00'W	MIDDLE BANK	90 M	1965	GRAVEL	3016	0.33	0.67	0.00	0.00	-0.44	-0.91	1.65	0.85	-0.51	3.35
66004	1280	1280	44°40.00'N	61°09.00'W	MIDDLE BANK	102 M	1965	FINE SAND	3036	0.01	0.98	0.00	0.00	1.69	1.70	0.79	0.40	-1.04	14.57
66004	1281	1281	44°45.00'N	60°57.30'W	MIDDLE BANK	191 M	1965	MUD	4324	0.00	0.54	0.53	0.13	3.59	4.74	3.07	1.80	0.07	4.57
66004	1282	1282	44°42.00'N	60°55.00'W	MIDDLE BANK	152 M	1965	MUD	4292	0.01	0.67	0.19	0.13	3.60	4.05	2.96	0.70	0.83	5.85
66004	1283	1283	44°41.50'N	60°46.40'W	MIDDLE BANK	202 M	1965	MUD	4331	0.00	0.80	0.12	0.07	2.62	3.48	2.39	0.45	1.11	7.51
66004	1284	1284	44°40.10'N	60°47.70'W	MIDDLE BANK	64 M	1965	PEBBLES	3037	1.00	0.00	0.00	0.00	-5.46	-5.45	0.29	0.20	0.08	2.14
66004	1285	1285	44°35.00'N	60°54.40'W	MIDDLE BANK	85 M	1965	MEDIUM SAND AND SHELLS		0.25	0.74	0.00	0.00	0.53	-0.03	2.11	1.60	-0.34	2.48
66004	1286	1286	44°50.00'N	60°54.40'W	MIDDLE BANK	72 M	1965	MEDIUM SAND	3131	0.02	0.98	0.00	0.00	2.21	2.06	0.82	0.40	-1.55	18.63
66004	1287	1287	44°30.00'N	60°47.80'W	MIDDLE BANK	59 M	1965	MEDIUM SAND	3193	0.00	1.00	0.00	0.00						
66004	1288	1288	44°50.00'N	60°40.80'W	MIDDLE BANK	59 M	1965	MEDIUM SAND AND SHELLS	3111	0.00	1.00	0.00	0.00	2.37	2.28	0.58	0.30	-1.10	13.39
66004	1289	1289	44°50.00'N	60°34.00'W	MIDDLE BANK	53 M	1965	MEDIUM SAND AND SHELLS	3014	0.00	1.00	0.00	0.00	2.18	2.10	0.55	0.45	-0.27	3.13
66004	1290	1290	44°55.00'N	60°34.00'W	MIDDLE BANK	40 M	1965	MEDIUM SAND	3141	0.00	1.00	0.00	0.00	2.22	2.14	0.54	0.40	-0.36	4.22
66004	1291	1291	44°55.00'N	60°40.80'W	MIDDLE BANK	59 M	1965	PEBBLES, COBBLES, TRACE OF SAND AND SHELLS	3001	1.00	0.00	0.00	0.00	-5.41	-5.36	0.39	0.25	0.41	3.92
66004	1292	1292	44°55.00'N	60°47.80'W	MIDDLE BANK	73 M	1965	MEDIUM SAND	3128	0.00	1.00	0.00	0.00	2.43	2.39	0.45	0.30	-0.30	3.42
66004	1293	1293	44°40.00'N	60°41.10'W	MIDDLE BANK	51 M	1965	COARSE SAND AND SHELLS	2996	0.23	0.77	0.00	0.00	0.47	-0.06	1.68	0.85	-0.57	3.46

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1294	1294	44°40.00'N	60°32.00'W	MIDDLE BANK	44 M	1965	COARSE GRAVEL AND SHELLS RESTING ON SAND; POOR SAMPLE	3043	0.99	0.01			-5.33	-5.15	0.82	0.35	2.18	34.65
66004	1295	1295	44°45.00'N	60°41.00'W	NORTH OF MIDDLE BANK	190 M	1965	BLACK MUD	4347	0.00	0.22	0.54	0.24	5.91	6.45	2.86	1.75	0.44	3.42
66004	1296	1296	44°46.00'N	60°33.50'W	NORTH OF MIDDLE BANK	220 M	1965	MUD	4335	0.00	0.28	0.52	0.20	5.90	5.93	2.84	1.85	0.33	3.10
66004	1297	1297	44°47.50'N	60°30.10'W	NORTH OF MIDDLE BANK	218 M	1965	MUD; CONTOURS INCORRECT	4335	0.00	0.51	0.38	0.11	3.94	5.19	2.79	1.65	0.72	5.09
66004	1298	1298	44°48.00'N	60°30.90'W	NORTH OF MIDDLE BANK	236 M	1965	MUD	4286	0.00	0.17	0.70	0.13	7.41	6.96	2.26	0.95	0.11	4.10
66004	1299	1299	44°48.40'N	60°31.70'W	NORTH OF MIDDLE BANK	274 M	1965	MUD	4350	0.00	0.03	0.73	0.24	6.53	7.22	2.35	1.00	0.67	4.81
66004	1300	1300	44°49.10'N	60°32.80'W	NORTH OF MIDDLE BANK	278 M	1966	BLACK MUD	4268	0.00	0.03	0.66	0.31	6.60	7.35	2.58	1.60	0.41	3.64
66004	1301	1301	44°49.50'N	60°33.50'W	NORTH OF MIDDLE BANK	326 M	1966	MUD	4224	0.00	0.05	0.68	0.27	6.10	7.06	2.74	1.50	0.47	3.86
66004	1302	1302	44°50.30'N	60°34.60'W	NORTH OF MIDDLE BANK	304 M	1966	MUD		0.66	0.03	0.26	0.05	-4.07	-0.54	5.68	5.80	0.38	1.79
66004	1303	1303	44°51.30'N	60°36.80'W	NORTH OF MIDDLE BANK	213 M	1966	MUD		0.00	0.12	0.62	0.27	6.48	6.93	2.59	1.35	0.31	3.38
66004	1304	1304	44°51.30'N	60°40.10'W	NORTH OF MIDDLE BANK	240 M	1966	MUD	4298	0.00	0.03	0.75	0.21	6.58	7.14	2.09	0.55	0.71	4.97
66004	1305	1305	44°51.60'N	60°41.50'W	NORTH OF MIDDLE BANK	267 M	1966	MUD		0.00	0.03	0.75	0.21	6.58	7.14	2.09	0.55	0.71	4.97
66004	1306	1306	44°51.60'N	60°42.90'W	NORTH OF MIDDLE BANK	277 M	1966	MUD	4213	0.00	0.03	0.75	0.21	6.58	7.14	2.09	0.55	0.71	4.97
66004	1307	1307	44°50.60'N	60°49.50'W	NORTH OF MIDDLE BANK	174 M	1966	MOSTLY SAND, GRAVEL AND PEBBLES	4269	0.15	0.76	0.04	0.05	1.36	1.25	2.95	0.75	0.37	5.41

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1324	1324	44°50.40'N	61°34.40'W	WEST OF MIDDLE BANK	135 M	1966	SAND AND MUD	3525	0.03	0.86	0.05	0.06						
66004	1325	1325	44°50.80'N	61°34.70'W	SCOTTIAN SHELF, NE SHORE	137 M	1966	GRAVEL, SOME MUD	3496	0.78	0.18	0.02	0.03						
66004	1326	1326	44°50.00'N	61°41.80'W	SCOTTIAN SHELF, NE SHORE	106 M	1966	STONES, GRAVEL, SAND AND MUD	3432	0.88	0.09	0.01	0.02						
66004	1327	1327	44°48.70'N	61°41.00'W	SCOTTIAN SHELF, NE SHORE	104 M	1966	STONE, GRAVEL, SOME MUD	3032	0.97	0.02	0.00	0.00	-5.23	-4.78	1.34	0.60	1.46	14.70
66004	1328	1328	44°46.90'N	61°40.00'W	SCOTTIAN SHELF, NE SHORE	128 M	1966	STONE AND GRAVEL; SOME MUD AND SAND	3196	0.80	0.19	0.00	0.00						
66004	1329	1329	44°46.20'N	61°39.60'W	SCOTTIAN SHELF, NE SHORE	139 M	1966	MUD, SAND, AND GRAVEL	3310	0.14	0.67	0.10	0.09						
66004	1330	1330	44°45.40'N	61°39.10'W	SCOTTIAN SHELF, NE SHORE	125 M	1966	FINE SAND, GRAVEL AND PEBBLES	3218	0.73	0.26	0.00	0.00						
66004	1331	1331	44°44.20'N	61°38.50'W	NW OF MIDDLE BANK	134 M	1966	MUDDY SAND AND GRAVEL	3380	0.16	0.51	0.25	0.08						
66004	1332	1332	44°42.70'N	61°42.30'W	NW OF MIDDLE BANK	151 M	1966	MUD	3414	0.00	0.18	0.53	0.49						
66004	1333	1333	44°41.70'N	61°37.00'W	NW OF MIDDLE BANK	151 M	1966	MUD AND SHELLS	3400	0.00	0.55	0.40	0.05						
66004	1334	1334	44°40.70'N	61°36.50'W	NW OF MIDDLE BANK	152 M	1966	MUD	3494	0.00	0.23	0.62	0.15						
66004	1335	1335	44°41.00'N	61°43.70'W	NW OF MIDDLE BANK	152 M	1966	MUD	3257	0.00	0.28	0.56	0.16	4.64	5.56	2.54	1.25	0.77	4.90
66004	1336	1336	44°42.40'N	61°44.50'W	NW OF MIDDLE BANK	138 M	1966	MUD, SAND AND GRAVEL											
66004	1337	1337	44°43.60'N	61°45.00'W	NW OF MIDDLE BANK	143 M	1966	MUD AND GRAVEL											
66004	1338	1338	44°44.70'N	61°45.80'W	NW OF MIDDLE BANK	132 M	1966	MUD	3312	0.01	0.65	0.19	0.15						
66004	1339	1339	44°48.70'N	61°48.00'W	NE SHORE	101 M	1966	PEBBLES	2991	1.00	0.00	0.00	0.00	-5.47	-5.44	0.47	0.20	4.52	40.31
66004	1340	1340	44°49.60'N	61°48.52'W	SCOTTIAN SHELF, NE SHORE	92 M	1966	FINE SAND AND COARSE GRAVEL	3527	0.71	0.19	0.06	0.04						
66004	1341	1341	44°55.60'N	61°48.52'W	SCOTTIAN SHELF	71 M	1966	FINE SAND WITH BLACK REDUCING LAYERS, SHELLS	4340	0.00	0.73	0.21	0.06	3.49	3.90	1.97	0.55	1.05	8.17

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1342	1342	43°00.00'N	61°57.70'W	WESTERN BANK	156 M	1966	MEDIUM SAND AND SHELLS	3047	0.01	0.99	0.00	0.00	1.57	1.53	0.88	0.45	-0.28	3.76
66004	1343	1343	43°05.00'N	61°57.70'W	WESTERN BANK	112 M	1966	MEDIUM SAND AND SHELLS	3097	0.00	1.00	0.00	0.00	1.56	1.64	0.68	0.35	0.39	4.30
66004	1344	1344	43°10.00'N	61°57.70'W	WESTERN BANK	108 M	1966	GRAVEL, SAND	3099	0.03	0.96	0.00	0.00	2.03	1.75	1.38	0.90	-0.48	4.08
66004	1345	1345	43°14.90'N	61°57.70'W	WESTERN BANK	102 M	1966	SMALL ROCK	3048	0.99	0.01	0.00	0.00	-5.49	-5.44	0.61	0.25	3.77	76.56
66004	1346	1346	43°19.80'N	61°57.70'W	WESTERN BANK	102 M	1966	COARSE GRAVEL, SMALL ROCK	3039	0.99	0.01	0.00	0.00	-5.37	-5.50	0.98	0.30	2.18	28.15
66004	1347	1347	43°24.80'N	61°58.00'W	WESTERN BANK	99 M	1966	SAND AND GRAVEL	3055	0.79	0.21	0.00	0.00	-4.55	-3.39	2.65	1.50	0.58	2.85
66004	1348	1348	43°30.00'N	61°57.80'W	WESTERN BANK	97 M	1966	GRAVEL, RESTING ON SAND; POOR SAMPLE	3056	1.00	0.00	0.00	0.00	-5.50	-5.47	0.44	0.25	3.50	85.94
66004	1349	1349	43°35.00'N	61°57.80'W	WESTERN BANK	97 M	1966	GRAVEL, PEBBLES	3045	0.93	0.06	0.00	0.00	-3.56	-3.33	1.29	0.75	0.90	7.65
66004	1350	1350	43°39.90'N	61°58.00'W	WESTERN BANK	104 M	1966	MEDIUM SAND AND SHELLS WITH A FEW PEBBLES	3050	0.01	0.99	0.00	0.00	1.49	1.44	0.60	0.25	-1.62	27.34
66004	1351	1351	43°44.90'N	61°58.00'W	WESTERN BANK	108 M	1966	COARSE GRAVEL, BIT OF SAND; POOR SAMPLE	3089	0.98	0.02	0.00	0.00	-5.42	-5.20	1.04	0.25	2.26	27.82
66004	1352	1352	43°47.20'N	61°59.50'W	WESTERN BANK	121 M	1966	FINE SAND AND GRAVEL	3526	0.02	0.94	0.00	0.00	2.25	2.12	1.14	0.60	-0.65	7.18
66004	1353	1353	43°50.50'N	62°00.80'W	WESTERN GULLEY	130 M	1966	MUD AND FINE SAND	3381	0.01	0.74	0.18	0.08						
66004	1354	1354	43°51.50'N	61°56.00'W	WESTERN BANK	138 M	1966	MUD	3513	0.00	0.35	0.57	0.08						
66004	1355	1355	43°51.60'N	61°54.50'W	WESTERN BANK	136 M	1966	MUD	3447	0.00	0.27	0.53	0.20						
66004	1356	1356	43°54.40'N	62°02.10'W	NORTH OF WESTERN BANK	150 M	1966	MUD	3405	0.00	0.03	0.72	0.25						
66004	1357	1357	43°57.00'N	61°58.50'W	NORTH OF WESTERN GULLEY	149 M	1966	MUD	3379	0.00	0.03	0.80	0.17						
66004	1358	1358	43°57.00'N	62°04.80'W	NORTH OF WESTERN GULLEY	138 M	1966	MUD		0.01	0.68	0.20	0.11						

Cruise Number	Sample Number	Station Number	Latitude	Longitude	Geological Area	Water Depth	Year	Description	Lab Number	% Gravel	% Sand	% Silt	% Clay	Median Phi	Mean	St. Dev.	Quart. Dev.	Skew.	Kurt.
66004	1359	1359	43°58.00'N	62°05.70'W	NORTH OF WESTERN GULLEY	139 M	1966	MUD	3444	0.00	0.15	0.70	0.15						
66004	1360	1360	44°00.00'N	63°04.90'W	NORTH OF WESTERN GULLEY	139 M	1966	MUD	3386	0.00	0.20	0.59	0.21						
66004	1361	1361	43°59.70'N	61°59.90'W	NORTH OF WESTERN GULLEY	146 M	1966	MUD, SOME SAND	3452	0.13	0.47	0.29	0.11						
66004	1362	1362	44°00.90'N	62°00.00'W	NORTH OF WESTERN GULLEY	123 M	1966	MUD, SAND AND GRAVEL	3049	0.15	0.85	0.00	0.00						
66004	1363	1363	44°01.40'N	62°00.10'W	NORTH OF WESTERN GULLEY	119 M	1966	COARSE SAND AND GRAVEL	3092	0.08	0.92	0.00	0.00						
66004	1364	1364	44°02.50'N	62°00.60'W	NORTH OF WESTERN GULLEY	154 M	1966	MUD AND FINE SAND	3479	0.00	0.25	0.63	0.12						
66004	1365	1365	44°04.00'N	62°00.70'W	NORTH OF WESTERN GULLEY	143 M	1966	MUDDY SAND	3456	0.07	0.75	0.09	0.09						
66004	1366	1366	44°05.50'N	62°00.80'W	NORTH OF WESTERN GULLEY	139 M	1966	MUDDY SAND	3387	0.00	0.89	0.04	0.07						
66004	1367	1367	44°08.20'N	62°01.40'W	NORTH OF WESTERN GULLEY	108 M	1966	COARSE GRAVEL	3075	1.00	0.00	0.00	0.00	-5.50	-5.50	0.26	0.25	0.00	1.97
66004	1368	1368	44°09.70'N	61°59.90'W	NORTH OF WESTERN GULLEY	108 M	1966	MEDIUM GRAINED SAND	3040	0.00	1.00	0.00	0.00	1.03	0.98	0.64	0.45	-0.15	2.88
66004	1369	1369	44°10.20'N	61°59.40'W	NORTH OF WESTERN GULLEY	128 M	1966	FINE GRAINED SAND	3044	0.01	0.98	0.00	0.00	2.05	2.00	0.77	0.50	-0.64	11.62
66004	1370	1370	44°15.00'N	62°04.80'W	NORTH OF WESTERN GULLEY	179 M	1966	MUD WITH SOME GRIT	3483	0.00	0.37	0.42	0.21						
66004	1371	1371	44°20.00'N	62°04.80'W	NORTH OF WESTERN GULLEY	190 M	1966		3446	0.00	0.01	0.62	0.37						
66004	1372	1372	44°15.10'N	62°12.00'W	NORTH OF WESTERN GULLEY	190 M	1966	MUD	3383	0.00	0.20	0.49	0.31						
66004	1373	1373	44°12.80'N	62°08.20'W	NORTH OF WESTERN GULLEY	176 M	1966	MUD	3457	0.00	0.02	0.81	0.17						

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt + Clay					
1A		44°44.75'N	65°51.42'W	64		Bay of Fundy, Inner Portion.	SSb		100							
2A		44°47.08'N	65°51.5' W	78		Bay of Fundy, Inner Portion.	SSb		13.2	86.2	.6					
3A		44°45.25'N	65°53.33'W	77		Bay of Fundy, Inner Portion.	SSb		92.6	6.7	0.7					
4A		44°44.75'N	65°56.25'W	78		Bay of Fundy, Inner Portion.	SSb		100							
5A		44°46.67'N	65°56.42'W	86		Bay of Fundy, Inner Portion.	SSb		100							
6A		44°47.58'N	65°53.33'W	88		Bay of Fundy, Inner Portion.	SSb		100							
7A		44°48.75'N	65°55.83'W	95		Bay of Fundy, Inner Portion.	SSD		100							
8A		44°52.0' N	65°58.75'W	91		Bay of Fundy, Inner Portion.	SSD		100							
9A		44°54.0' N	65°59.17'W	95		Bay of Fundy, Inner Portion.	SSD		51.6	42.3	6.1	0				
10A		44°56.08'N	65°58.92'W	95		Bay of Fundy, Inner Portion.	SSD		100							
11A		44°48.0' N	65°58.92'W	96		Bay of Fundy, Inner Portion.	SSD		100							

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
12A		45°00.08'N	65°58.83'W	93		Bay of Fundy, Inner Portion.	SSD		48.1	42.9	4.9	4.1				
13A		45°02.12'N	65°59.17'W	88		Bay of Fundy, Inner Portion.	SSD		29.1	69.1	1.8					
14A		45°04.12'N	65°59.17'W	80		Bay of Fundy, Inner Portion.	SSD		100							
15A		45°06.08'N	65°49.17'W	73		Bay of Fundy, Inner Portion.	L0c		18.3	25.1	26	30.6				
16A		45°08.13'N	65°58.92'W	66		Bay of Fundy, Inner Portion.	L0c		9.8	52.6	22	15.5				
17A		45°09.92'N	65°59.17'W	51		Bay of Fundy, Inner Portion.	LC		10.2	83	6.8					
18A		45°09.08'N	65°56.25'W	48		Bay of Fundy, Inner Portion.	S5b		72.4	18.5	5.8	3.3				
19A		45°06.92'N	65°56.17'W	71		Bay of Fundy, Inner Portion.	SSD		20.3	61.4	11.6	6.7				
20A		45°04.75'N	65°55.92'W	80		Bay of Fundy, Inner Portion.	SSD		78.8	15.4	5.8					
21A		45°02.67'N	65°55.75'W	88		Bay of Fundy, Inner Portion.	SSD		94.6	4.1	1.3					
22A		45°00.51'N	65°55.92'W	53		Bay of Fundy, Inner Portion.	SSD		60.8	33.3	3.6	2.3				

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
23A		44°58.58'N	65°56.0' W	100		Bay of Fundy, Inner Portion.	LC or SSD		42.5	47.7	5.6	4.2				
24A		45°06.67'N	65°56.0' W	90		Bay of Fundy, Inner Portion.	SSD		100							
25A		44°54.5' N	65°56.33'W	93		Bay of Fundy, Inner Portion.	SSD		88.1	11.9						
26A		45°52.17'N	65°56.17'W	91		Bay of Fundy, Inner Portion.	SSD		58.2	40.2	1.6					
27A		44°50.25'N	65°56.33'W	95		Bay of Fundy, Inner Portion.	SSb		84.6	15.1	0.3					
28A		44°49.58'N	65°53.17'W	93		Bay of Fundy, Inner Portion.	SSb		73.9	15.6	10.5					
29A		44°51.92'N	65°53.25'W	95		Bay of Fundy, Inner Portion.	SSD		0	91.1	3.6	5.3				
30A		44°54.17'N	65°23.56'W	90		Bay of Fundy, Inner Portion.	SSD		90.5	9.3	0.2					
31A		44°56.83'N	65°23.58'W	86		Bay of Fundy, Inner Portion.	SSD		100							
32A		44°58.83'N	65°23.58'W	93		Bay of Fundy, Inner Portion.	SSD		100							
33A		45°00.92'N	65°53.42'W	90		Bay of Fundy, Inner Portion.	SSD		73.8	21.8	2.6	1.8				

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
34A		45°02.83'N	65°53.58'W	62		Bay of Fundy, Inner Portion.	SSD		100							
35A		45°04.75'N	65°53.33'W	80		Bay of Fundy, Inner Portion.	SSD		22.6	66.8	6.3	4.3				
36A		45°06.83'N	65°53.17'W	80		Bay of Fundy, Inner Portion.	SSD		64.8	25.2	6.3	3.7				
37A		45°09.0' N	65°53.33'W	51		Bay of Fundy, Inner Portion.	SSb		53	31.2	1.1	5.7				
38A		45°11.08'N	65°50.17'W	60		Bay of Fundy, Inner Portion.	SSb		71.9	18.7	6.3	3.1				
39A		45°08.92'N	65°49.83'W	64		Bay of Fundy, Inner Portion.	SSb		100							
40A		45°06.92'N	65°49.75'W	77		Bay of Fundy, Inner Portion.	LC		55.7	27.3	8.6	8.4				
41A		45°05.0' N	65°49.75'W	75		Bay of Fundy, Inner Portion.	SSD		100							
42A		45°02.92'N	65°49.83'W	82		Bay of Fundy, Inner Portion.	SSD		48.2	50.8	1					
43A		45°00.83'N	65°49.75'W	86		Bay of Fundy, Inner Portion.	SSb		100							
44A		44°58.67'N	65°49.58'W	80		Bay of Fundy, Inner Portion.	SSD		71.4	27.5	1.1					

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quant Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
56A		44°58.17'N	65°55.92'W	73		Bay of Fundy, Inner Portion.	SSb		67.0	26.5	4.6	1.9				
57A		45°00.25'N	65°56.08'W	82		Bay of Fundy, Inner Portion.	SSD		50	40	10					
58A		45°02.33'N	65°56.17'W	86		Bay of Fundy, Inner Portion.	SSD		35.6	54	10.4					
59A		45°04.42'N	65°56.01'W	75		Bay of Fundy, Inner Portion.	SSb		100							
60A		45°06.42'N	65°56.17'W	73		Bay of Fundy, Inner Portion.	SSD		9.4	54.8	22.7	15.1				
61A		45°08.42'N	65°56.25'W	73		Bay of Fundy, Inner Portion.	SSb		68.8	21.6	5.8	3.8				
62A		45°10.50'N	65°56.33'W	58		Bay of Fundy, Inner Portion.	SSb		88.4	11.6						
63A		45°12.58'N	65°56.25'W	57		Bay of Fundy, Inner Portion.	SSb		94.4	5.6						
64A		45°11.83'N	65°43.17'W	53		Bay of Fundy, Inner Portion.	SSb		91.9	8						
65A		45°09.25'N	65°43.17'W	55		Bay of Fundy, Inner Portion.	SSb		100							
66A		45°07.33'N	65°43.25'W	68		Bay of Fundy, Inner Portion.	SSb		65.9	28.7	2.0	3.4				

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay					
67A		45°05.25'N	65°43.42'W	78		Bay of Fundy, Inner Portion.	SSD		94.3	5.7							
68A		45°03.25'N	65°43.75'W	83		Bay of Fundy, Inner Portion.	SSD		41.3	42.2	7.6	8.9					
69A		45°01.25'N	65°43.25'W	88		Bay of Fundy, Inner Portion.	SSD		37.6	30.7	14.4	17.3					
70A		44°59.17'N	65°43.08'W	80		Bay of Fundy, Inner Portion.	SSD		74.6	19.6	3.6	2.3					
71A		44°57.17'N	65°42.92'W	84		Bay of Fundy, Inner Portion.	SSb		35.7	64.3							
72A		44°55.08'N	65°42.83'W	88		Bay of Fundy, Inner Portion.	SSb		100								
73A		44°52.92'N	65°43.17'W	84		Bay of Fundy, Inner Portion.	SSb		97.2	2.8							
74A		44°50.83'N	65°43.42'W	80		Bay of Fundy, Inner Portion.	SSb		18.1	55.6	14.6	10.7					
75A		44°48.75'N	65°43.33'W	70		Bay of Fundy, Inner Portion.	SSb		100								
76A		44°46.92'N	65°43.25'W	60		Bay of Fundy, Inner Portion.	SSb		45.2	51.9	3						
77A		44°49.25'N	65°39.08'W	62		Bay of Fundy, Inner Portion.	SSb		98	2							

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay					
78A		44°51.42'N	65°39.25'W	71		Bay of Fundy, Inner Portion.	Ssb		38.7	40.0	12.7	8.6					
79A		44°53.58'N	65°39.50'W	60		Bay of Fundy, Inner Portion.	Ssb		32.7	48.1	11.1	8.1					
80A		44°58.75'N	65°39.33'W	75		Bay of Fundy, Inner Portion.	Ssb		5	61	24.4	15.6					
81A		44°57.83'N	65°39.25'W	80		Bay of Fundy, Inner Portion.	Ssa		0	99.8	2						
82A		44°59.83'N	65°39.42'W	80		Bay of Fundy, Inner Portion.	Ssb		100								
83A		45°01.83'N	65°39.5'W	82		Bay of Fundy, Inner Portion.	Ssa		6.6	62.4	17.4						
84A		45°03.83'N	65°39.58'W	75		Bay of Fundy, Inner Portion.	Ssb		78.8	14.4	3.9	2.9					
85A		45°05.92'N	65°39.83'W	73		Bay of Fundy, Inner Portion.	Ssb		2.6	69.0	28.4						
86A		45°07.83'N	65°39.83'W	66		Bay of Fundy, Inner Portion.	Ssb		2.5	70.6	26.9						
87A		45°10.0'N	65°39.66'W	51		Bay of Fundy, Inner Portion.	Ssb		84.5	15.5							
88A		45°12.0'N	65°39.75'W	48		Bay of Fundy, Inner Portion.	Ssb		32.2	67.8							

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt					
89A		45°09.17'N	65°39.75'W	44		Bay of Fundy, Inner Portion.	SSb		100							
90A		45°15.33'N	65°36.83'W	46		Bay of Fundy, Inner Portion.	SSb		78.7	21.1	0.4					
91A		45°13.0' N	65°36.50'W	44		Bay of Fundy, Inner Portion.	SSb		100							
92A		45°11.25'N	65°35.75'W	64		Bay of Fundy, Inner Portion.	SSb		100							
93A		45°09.17'N	65°35.83'W	70		Bay of Fundy, Inner Portion.	SSb		34	65.8	0.2					
94A		45°07.17'N	65°35.83'W	60		Bay of Fundy, Inner Portion.	SSb		98.3	1.7						
95A		45°05.0' N	65°35.67'W	66		Bay of Fundy, Inner Portion.	SSb		63.8	36.2						
96A		45°03.0' N	65°35.67'W	71		Bay of Fundy, Inner Portion.	SSb		41.1	41.5	10.5	6.9				
97A		45°01.0' N	65°35.67'W	79		Bay of Fundy, Inner Portion.	SSa		6.6	71.7	12.5	9.2				
98A		44°58.67'N	65°35.58'W	82		Bay of Fundy, Inner Portion.	SSa		0	23.8	46.2	30				
99A		44°56.75'N	65°35.58'W	77		Bay of Fundy, Inner Portion.	SSa		4.6	68.7	16.5	10.2				

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean $\bar{\phi}$	Std Dev	Quant Dev	Skew	Kurt
									Grav	Sand	Silt	Clay					
100A		44°54.75'N	65°35.67'W	75		Bay of Fundy, Inner Portion.	SSb		100								
101A		44°52.75'N	65°35.58'W	75		Bay of Fundy, Inner Portion.	SSb		100								
102A		44°50.83'N	65°35.33'W	53		Bay of Fundy, Inner Portion.	SSb		86	14							
103A		44°52.25'N	65°32.58'W	44		Bay of Fundy, Inner Portion.	SSb		100								
104A		44°54.17'N	65°32.42'W	71		Bay of Fundy, Inner Portion.	SSa		2.9	53.4	29.9	13.8					
105A		44°56.42'N	65°32.42'W	70		Bay of Fundy, Inner Portion.	SSa		0.1	99.8	0.1						
106A		44°59.08'N	65°32.42'W	75		Bay of Fundy, Inner Portion.	SSa		1.8	97.9	0.3						
107A		45°01.75'N	65°32.67'W	71		Bay of Fundy, Inner Portion.	SSb		77.7	19.9	2.4						
108A		45°03.83'N	65°32.83'W	79		Bay of Fundy, Inner Portion.	SSb		4.0	58.8	19.4	17.8					
109A		45°05.92'N	65°32.50'W	75		Bay of Fundy, Inner Portion.	SSa		8.0	69.1	22.9						
110A		45°08.0'N	65°32.67'W	57		Bay of Fundy, Inner Portion.	SSb		29.1	56.6	8.3	6					

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt + Clay					
111A		45°09.75'N	65°32.33'W	70		Bay of Fundy, Inner Portion.	SSb		69.4	27.8	2.8					
112A		45°12.0' N	65°32.67'W	62		Bay of Fundy, Inner Portion.	SSb		94.8	1.3	3.9					
113A		45°14.08'N	65°32.50'W	45		Bay of Fundy, Inner Portion.	SSb		99.1	0.8	0.1					
114A		45°16.17'N	65°32.5' W	44		Bay of Fundy, Inner Portion.	SSb		78.7	16	3.7	1.6				
115A		45°17.75'N	65°39.17'W	38		Bay of Fundy, Inner Portion.	SSb		64.1	25.2	7.4	3.3				
116A		45°15.42'N	65°28.92'W	42		Bay of Fundy, Inner Portion.	SSb		94.3	0.1	0.6					
117A		45°13.0' N	65°28.92'W	51		Bay of Fundy, Inner Portion.	SSb		28.3	48.9	13.1	9.7				
118A		45°11.0' N	65°23.67'W	58		Bay of Fundy, Inner Portion.	SSb		100							
119A		45°08.42'N	65°23.75'W	69		Bay of Fundy, Inner Portion.	SSb		27.6	50.0	22.4					
120A		45°06.0' N	65°23.87'W	80		Bay of Fundy, Inner Portion.	SSb		27.6	50	23.4					
121A		45°03.75'N	65°23.83'W	64		Bay of Fundy, Inner Portion.	SSb		100							

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt+Clay					
122A		45°01.50'N	65°28.67'W	68		Bay of Fundy, Inner Portion.	SSb		41.8	58.2						
123A		44°59.08'N	65°28.67'W	66		Bay of Fundy, Inner Portion.	SSb		19.4	80.6						
124A		44°56.75'N	65°28.25'W	69		Bay of Fundy, Inner Portion.	SSa		7.8	69.1	14.4	8.7				
125A		44°54.5' N	65°28.0' W	69		Bay of Fundy, Inner Portion.	SSb		44.7	44.6	4.8	3.9				
126A		45°56.33'N	65°24.5' W	62		Bay of Fundy, Inner Portion.	SSa		0.2	73.6	19.5	6.7				
127A		44°58.83'N	65°24.83'W	69		Bay of Fundy, Inner Portion.	SSb	100								
128A		45°01.0' N	65°28.75'W	70		Bay of Fundy, Inner Portion.	SSa		0.4	99.4	0.2					
129A		45°03.58'N	65°24.83'W	71		Bay of Fundy, Inner Portion.	SSb	100								
130A		45°05.67'N	65°24.83'W	68		Bay of Fundy, Inner Portion.	SSa		0.4	99.6						
131A		45°08.08'N	65°24.92'W	68		Bay of Fundy, Inner Portion.	SSb		57.1	42.3	0.6					
132A		45°10.33'N	65°25.08'W	58		Bay of Fundy, Inner Portion.	SSa		1.6	98.4						

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
135A		45°12.75'N	65°24.92'W	49		Bay of Fundy, Inner Portion.	SSa		0	1.5	56.4	42.1				
134A		45°15.08'N	65°23.92'W	62		Bay of Fundy, Inner Portion.	SSb		79.6	19.9	0.5					
135A		45°17.33'N	65°25.17'W	51		Bay of Fundy, Inner Portion.	SSb		44.3	55.7						
136A		45°20.0' N	65°25.08'W	42		Bay of Fundy, Inner Portion.	SSb		11.9	87.1	1					
137A		45°22.42'N	65°22.08'W	42		Bay of Fundy, Inner Portion.	SSa		5.5	59.3	12.2	13				
138A		45°20.0' N	65°21.83'W	48		Bay of Fundy, Inner Portion.	SSb		64.4	35.1	0.5					
139A		45°17.17'N	65°22.0' W	55		Bay of Fundy, Inner Portion.	SSa		8.8	91.1	0.1					
140A		45°16.17'N	65°18.58'W	44		Bay of Fundy, Inner Portion.	SSa		0.1	98.8	0.1					
141A		45°18.75'N	65°18.33'W	48		Bay of Fundy, Inner Portion.	SSa		2.7	95.8	1.5					
142A		45°21.5' N	65°18.50'W	46		Bay of Fundy, Inner Portion.	SSb		18.3	68.9	8.1	4.7				
143A		45°24.42'N	65°17.92'W	37		Bay of Fundy, Inner Portion.	SSb		18.1	62	14.1	5.8				

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt					
155A		44°59.75'N	65°18.33'W	64		Bay of Fundy, Inner Portion.	SSa		0	86.9	7.5	5.6				
156A		45°02.83'N	65°18.58'W	64		Bay of Fundy, Inner Portion.	SSb		23.4	76.5	0.1					
157A		45°04.83'N	65°18.42'W	77		Bay of Fundy, Inner Portion.	SSb		14	86						
158A		45°06.92'N	65°18.67'W	71		Bay of Fundy, Inner Portion.	SSb		27.8	71.7	0.5					
159A		45°10.75'N	65°18.75'W	49		Bay of Fundy, Inner Portion.	SSb		100							
160A		45°13.75'N	65°18.5' W	37		Bay of Fundy, Inner Portion.	SS	No sediment.								
161A		45°12.5' N	65°21.75'W	44		Bay of Fundy, Inner Portion.	SSb		100							
162A		45°10.33'N	65°21.33'W	68		Bay of Fundy, Inner Portion.	SSb		100							
163A		45°07.75'N	65°21.42'W	62		Bay of Fundy, Inner Portion.	SSa		0.3	99.7						
164A		45°05.5' N	65°21.42'W	77		Bay of Fundy, Inner Portion.	SSa		0.4	99.2	0.4					
165A		45°03.25'N	65°21.42'W	75		Bay of Fundy, Inner Portion.	SSa		0.4	99.5	0.1					

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt + Clay					
166A		45°00.92'N	65°21.42'W	68		Bay of Fundy, Inner Portion.	SSb		26.9	72.5	0.5					
167A		44°58.58'N	65°21.42'W	66		Bay of Fundy, Inner Portion.	SSb	100								
168A		45°02.75'N	65°11.33'W	46		Bay of Fundy, Inner Portion.	SSb	14	85.8	0.2						
169A		45°05.58'N	65°11.0' W	62		Bay of Fundy, Inner Portion.	SSa	0.7	99.3							
170A		45°08.0' N	65°11.33'W	75		Bay of Fundy, Inner Portion.	SSa	0	99.9	0.1						
171A		45°10.58'N	65°11.25'W	53		Bay of Fundy, Inner Portion.	SSa	2.5	97.3	0.2						
172A		45°14.50'N	65°10.75'W	53		Bay of Fundy, Inner Portion.	SSa	0.1	99.9							
173A		45°18.42'N	65°11.17'W	48		Bay of Fundy, Inner Portion.	SSA	3.5	96.2	0.3						
174A		45°21.17'N	65°11.08'W	46		Bay of Fundy, Inner Portion.	SSb	46	53.4	0.6						
175A		45°23.33'N	65°10.83'W	44		Bay of Fundy, Inner Portion.	SSb	20.8	60.1	11.8	9.3					
176A		45°26.0' N	65°10.83'W	29		Bay of Fundy, Inner Portion.	SSb	19.2	46.1	22.3	12.4					

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt					
177A		45°27.6' N	65°07.42' W	37		Bay of Fundy, Inner Portion.	SSa		2.3	52	32.9	12.8				
178A		45°25.0' N	65°07.50' W	39		Bay of Fundy, Inner Portion.	SSb		28	49.2	14.3	8.5				
179A		45°22.33' N	65°07.17' W	40		Bay of Fundy, Inner Portion.	SSb		12.1	65.1	13.6	9.2				
180A		45°20.0' N	65°07.25' W	44		Bay of Fundy, Inner Portion.	SSb	No sediment.								
181A		45°17.33' N	65°07.25' W	40		Bay of Fundy, Inner Portion.	SSb	No sediment.								
182A		45°14.42' N	65°07.66' W	60		Bay of Fundy, Inner Portion.	SSb		39.6	59.1	1.3					
183A		45°11.83' N	65°08.0' W	42		Bay of Fundy, Inner Portion.	SSb		45.3	54.7						
184A		45°09.42' N	65°07.75' W	62		Bay of Fundy, Inner Portion.	SSb		36.8	63.2						
185A		45°07.0' N	65°08.0' W	60		Bay of Fundy, Inner Portion.	SSa		4.6	95.3	0.1					
186A		45°04.75' N	65°07.83' W	40		Bay of Fundy, Inner Portion.	SSa		0	100						
187A		45°06.17' N	65°04.42' W	48		Bay of Fundy, Inner Portion.	SSb		23.3	76.4	0.3					

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt + Clay					
188A		45°08.5' N	65°04.5' W	57		Bay of Fundy, Inner Portion.	SSb		82.2	17.6	0.2					
189A		45°10.83' N	65°04.42' W	57		Bay of Fundy, Inner Portion.	SSa		1.5	98.4	0.1					
190A		45°13.17' N	65°04.42' W	55		Bay of Fundy, Inner Portion.	SSa		0.7	99	0.3					
191A		45°15.58' N	65°04.33' W	57		Bay of Fundy, Inner Portion.	SSb		16.4	83.6						
192A		45°18.17' N	65°04.25' W	70		Bay of Fundy, Inner Portion.	SSa		1.4	97.8	0.8					
193A		45°20.58' N	65°04.08' W	42		Bay of Fundy, Inner Portion.	SSb		20.6	59.6	12.0	7.8				
194A		45°23.08' N	65°04.0' W	40		Bay of Fundy, Inner Portion.	SSb		48.1	39.2	7.9	4.8				
195A		45°25.33' N	65°03.83' W	42		Bay of Fundy, Inner Portion.	SSb		50.5	36.8	7.7	5				
196A		45°24.92' N	65°01.17' W	37		Bay of Fundy, Inner Portion.	SSb		18.6	66.6	10.3	4.5				
197A		45°12.42' N	65°01.42' W	44		Bay of Fundy, Inner Portion.	SSb		100							
198A		45°10.17' N	65°01.17' W	53		Bay of Fundy, Inner Portion.	SSb		51.4	48.5	0.1					

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
1B		44°43.17'N	65°52.75'W	70		Outer Bay of Fundy, E of Grand Manan	SSb		91.2	8.7	-2.69	-2.51	1.34	0.75	0.78	6.96		
2B		44°44.50'N	65°53.16'W	70		Outer Bay of Fundy, E of Grand Manan	SSb		63	33.1	2.2	1.7	-2.17	-1.35	3.11	2.80	0.49	3.84
3B		44°47.8' N	65°55.25'W	84		Outer Bay of Fundy, E of Grand Manan	SSb		95	5	-2.83	-2.69	1.02	0.55	1.18	12.02		
4B		44°45.67'N	65°55.67'W	82		Outer Bay of Fundy, E of Grand Manan	SSb		48.2	51.1	-0.88	-0.56	1.88	1.55	0.26	2.06		
5B		44°43.83'N	65°55.75'W	78		Outer Bay of Fundy, E of Grand Manan	SSb		71.6	28	-2.15	-1.38	1.83	1.00	0.57	3.12		
6B		44°41.58'N	65°55.83'W	71		Outer Bay of Fundy, E of Grand Manan	SSb											
7B		44°40.75'N	65°58.67'W	80		Outer Bay of Fundy, E of Grand Manan	SS											
8B		44°42.67'N	65°58.75'W	88		Outer Bay of Fundy, E of Grand Manan	SS											
9B		44°44.83'N	65°59.08'W	86		Outer Bay of Fundy, E of Grand Manan	SSb		39.6	52.4	4.2	3.9	1.35	0.37	3.51	2.60	0.23	3.23
10B		44°47.0' N	66°01.25'W?	97		Outer Bay of Fundy, E of Grand Manan	SS		100		-4.32	-4.24	0.49	0.35	0.37	2.90		
11B		44°49.08'N	65°58.84'W	99		Outer Bay of Fundy, E of Grand Manan	SSD		56.6	39.0	2.3	2.1	-1.84	-0.97	3.33	3.10	0.39	3.11

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
12B		44°50.92'N	65°58.75'W	93		Outer Bay of Fundy, E of Grand Manan	SSD		52.1	47.4		-1.09	-0.36	1.85	1.70	0.23	1.81	
13B		44°51.92'N	66°01.58'W	93		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment.										
14B		44°49.58'N	66°02.0' W	82		Outer Bay of Fundy, E of Grand Manan	SS		90.0	9.32		-3.38	-2.94	1.81	0.75	0.99	6.83	
15B		44°47.5' N	66°01.83'W	101		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment.										
16B		44°45.25'N	66°01.83'W	99		Outer Bay of Fundy, E of Grand Manan	SSb		100									
17B		44°43.33'N	66°01.83'W	95		Outer Bay of Fundy, E of Grand Manan	SSb		99.2	0.8		-2.71	-2.77	0.57	0.40	-0.01	2.92	
18B		44°41.5' N	66°01.75'W	95		Outer Bay of Fundy, E of Grand Manan	SSb		100			-3.92	-3.93	0.56	0.50	-0.00	1.95	
19B		44°39.5' N	66°01.58'W	79		Outer Bay of Fundy, E of Grand Manan	SSb		75.4	21.5	1.9	1.2	-3.74	-2.73	3.47	2.15	0.59	3.72
20B		44°37.33'N	66°05.0' W	97		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment.										
21B		44°39.58'N	66°05.08'W	95		Outer Bay of Fundy, E of Grand Manan	SSD		100									
22B		44°41.67'N	66°05.08'W	93		Outer Bay of Fundy, E of Grand Manan	SSD		85.0	12.8	1.3	0.8	-4.32	-3.15	2.65	0.95	1.11	7.92

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
23B		44°43.58'N	66°05.0' W	91		Outer Bay of Fundy, E of Grand Manan	SSD		91.3	8.2	-2.37	1.02	0.30	1.73	17.42	
24B		44°45.58'N	66°05.25'W	102		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment analysis.								
25B		44°47.5' N	66°05.0' W	86		Outer Bay of Fundy, E of Grand Manan	SSD		85.7	14.3	-2.27	0.75	0.40	0.52	3.09	
26B		44°48.50'N	66°03.58'W	77		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment analysis.								
27B		44°49.58'N	66°04.5' W	101		Outer Bay of Fundy, E of Grand Manan	SSD		98.1	1.9	-4.36	0.83	0.30	1.35	11.10	
28B		44°53.25'N	66°04.75'W	102		Outer Bay of Fundy, E of Grand Manan	SSD		98.8	1.2	-5.38	0.86	0.30	1.74	17.04	
29B		44°53.83'N	66°04.5' W	102		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment analysis.								
30B		44°56.0' N	66°04.5' W	102		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment analysis.								
31B		44°58.17'N	66°04.5' W	101		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment.								
32B		45°00.25'N	66°05.0' W	93		Outer Bay of Fundy, E of Grand Manan	SSD		100		-2.50	0.26	0.25	-0.00	1.96	
33B		45°01.92'N	66°04.83'W	93		Outer Bay of Fundy, E of Grand Manan	SSD		100		-3.49	0.27	0.25	0.03	2.03	

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt + Clay							
45B		44°45.58'N	66°07.52'W	110		Outer Bay of Fundy, E of Grand Manan	SSD		15.1	75.2	5.2	4.6	2.36	2.04	2.71	0.95	0.46	5.83
46B		44°43.58'N	66°07.83'W	102		Outer Bay of Fundy, E of Grand Manan	SSD		97.0	3		-4.43	-4.18	1.18	0.25	2.14	22.84	
47B		44°41.92'N	66°07.92'W	99		Outer Bay of Fundy, E of Grand Manan	SSD		79.8	20.1		-3.26	-2.45	2.10	0.95	0.68	3.78	
48B		44°39.75'N	66°07.92'W	93		Outer Bay of Fundy, E of Grand Manan	SSD		66.5	27.4	3.4	2.8	-3.84	-1.62	3.63	3.15	0.57	3.53
49B		44°37.5' N	66°08.08'W	104		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment.										
50B		44°35.67'N	66°08.0' W	102		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment.										
51B		44°34.0' N	66°11.5' W	112		Outer Bay of Fundy, E of Grand Manan	SSD		83.1	14.4	1.5	1.0	-5.34	-3.83	3.20	1.10	0.97	6.01
52B		44°36.67'N	66°11.75'W	113		Outer Bay of Fundy, E of Grand Manan	SSD		51.4	46		-1.08	-0.03	2.26	2.20	0.15	1.47	
53B		44°39.33'N	66°11.75'W	110		Outer Bay of Fundy, E of Grand Manan	LC?		12	64	11.5	12.5	2.51	3.20	3.87	0.90	0.53	4.32
54B		44°41.75'N	66°11.83'W	122		Outer Bay of Fundy, E of Grand Manan	SSD		39.3	54.4	3	3.3	2.15	0.19	3.72	3.45	0.05	2.30
55B		44°44.33'N	66°11.58'W	119		Outer Bay of Fundy, E of Grand Manan	SSD		49.8	43.9	3.6	2.8	-0.95	-0.40	3.49	3.05	0.30	2.77

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quant Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
56B		44°47.0' N	66°11.67' W	115		Outer Bay of Fundy, E of Grand Manan	SSD		69.8	24.4	2.9	2.8	-3.94	-2.17	3.89	3.55	0.57	3.40
57B		44°49.25' N	66°12.0' W	110		Outer Bay of Fundy, E of Grand Manan	SSD		94.4	5.3			-4.4	-4	1.47	0.25	1.69	14.56
58B		44°58.75' N	66°11.5' W	110		Outer Bay of Fundy, E of Grand Manan	SSD		85.1	13.4	1.9	1.6	-4.31	-3.06	2.93	0.45	1.15	8.04
59B		44°54.58' N	66°11.5' W	106		Outer Bay of Fundy, E of Grand Manan	SSD		70.2	21.8	4.4	3.6	-4.20	-1.98	3.93	2.85	0.72	4.19
60B		44°57.08' N	66°59.0' W	101		Outer Bay of Fundy, E of Grand Manan	SSD		77.3	17.4	2.9	2.4	-4.33	-2.62	3.47	1.2	0.89	5.29
61B		44°59.75' N	66°11.25' W	95		Outer Bay of Fundy, E of Grand Manan	SSD		38.1	38.8	13.1	10.0	2.21	1.57	4.72	3.15	0.35	3.13
62B		45°02.42' N	66°11.5' W	86		Outer Bay of Fundy, E of Grand Manan	LC?		18.8	57.0	14.4	9.8	2.54	2.65	4.08	1.25	0.30	4.01
63B		45°04.83' N	66°11.58' W	75		Outer Bay of Fundy, E of Grand Manan	SSD		34.4	29.4	21.7	14.5	2.4	2.1	5.4	4.7	0.79	2.34
64B		45°03.5' N	66°15.42' W	75		Outer Bay of Fundy, E of Grand Manan	LC		0.6	16.0	39.1	44.3	7.5	7.81	3.76	2.85	0.05	2.28
65B		45°01.75' N	66°15.08' W	86		Outer Bay of Fundy, E of Grand Manan	SSD		41.7	38.0	12.7	7.6	2.09	0.93	4.62	3.50	0.30	2.84
66B		44°58.0' N	66°15.0' W	95		Outer Bay of Fundy, E of Grand Manan	SSD		9.0	60.0	19.1	11.9	2.84	3.65	3.72	1.35	0.54	4.49

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt			
									Grav	Silt	Clay								
67B		44°55.75'N	66°15.0' W	122		Outer Bay of Fundy, E of Grand Manan	SSD		24.9	51.9	14.8	8.4	2.37	1.86	4.52	2.50	0.22	3.48	
68B		44°52.92'N	66°15.0' W	108		Outer Bay of Fundy, E of Grand Manan	SSD		51.6	38.5	5.9	4.0	-1.21	-0.76	3.97	3.3	0.41	3.02	
69B		44°50.5' N	66°15.0' W	121		Outer Bay of Fundy, E of Grand Manan	SSD		9.6	45.1	22.3	23	3.11	4.72	4.61	2.75	0.25	2.67	
70B		44°48.83'N	66°15.0' W	125		Outer Bay of Fundy, E of Grand Manan	SSD		88.3	9.0	1.4	1.3	-5.44	-4.43	3.02	0.25	1.38	9.83	
71B		44°46.25'N	66°14.75'W	119		Outer Bay of Fundy, E of Grand Manan	SSD		65.2	26.6	4.0	4.2	-3.27	-1.26	3.90	3.25	0.60	3.70	
72B		44°42.75'N	66°15.0' W	128		Outer Bay of Fundy, E of Grand Manan	LCC		0.1	31.5	24.5	43.9	7.56	7.23	3.96	3.75	0.07	1.87	
73B		44°40.08'N	66°15.0' W	124		Outer Bay of Fundy, E of Grand Manan	SSD		40.3	48.8	5.7	5.2	1.84	0.53	4.02	2.95	0.35	3.51	
74B		44°37.83'N	66°15.42'W	134		Outer Bay of Fundy, E of Grand Manan	SSD		75.5	21.1	1.8	1.6	-3.44	-2.05	3.14	1.30	0.76	4.61	
75B		44°35.16'N	66°15.5' W	132		Outer Bay of Fundy, E of Grand Manan	SS		100				-4.17	-4.02	0.73	0.45	0.78	6.26	
76B		44°32.58'N	66°15.33'W	130		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment analysis.											
77B		44°30.0' N	66°15.25'W	124		Outer Bay of Fundy, E of Grand Manan	LC		16.1	73.2	6.2	4.5	2.42	2.02	2.75	0.50	0.24	4.75	

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
89B		44°51.83'N	66°18.92'W	163		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment.										
90B		44°54.08'N	66°19.0' W	115		Outer Bay of Fundy, E of Grand Manan	SSD		13.7	62.2	12	12.1	2.65	3.22	3.92	0.80	0.41	4.29
91B		44°56.92'N	66°18.75'W	106		Outer Bay of Fundy, E of Grand Manan	SSD		70.2	13	7.3	9.5	-5.29	-1.91	5.74	3.95	0.70	3.65
92B		44°59.25'N	66°18.83'W	99		Outer Bay of Fundy, E of Grand Manan	LC	No sediment.										
93B		45°02.16'N	66°18.67'W	80		Outer Bay of Fundy, E of Grand Manan	LCC		0	32.5	47	20.6	4.86	5.98	3.30	1.75	0.65	3.78
94B		45°01.75'N	66°22.75'W	71		Outer Bay of Fundy, E of Grand Manan	LCC		0	43.5	42.5	13.9	4.22	5.28	2.87	1.05	0.96	5.98
95B		44°59.0' N	66°22.67'W	93		Outer Bay of Fundy, E of Grand Manan	LC		3.4	14.6	38.1	43.8	7.39	7.54	3.90	2.70	-0.11	2.91
96B		45°02.5' N	66°22.42'W	107		Outer Bay of Fundy, E of Grand Manan	LCC		0.4	24.5	34.5	40.5	7.02	7.30	3.66	2.95	0.13	2.23
97B		44°54.0' N	66°22.42'W	117		Outer Bay of Fundy, E of Grand Manan	LCC		0	15.1	39.0	45.9	7.58	7.89	3.47	2.55	0.10	2.19
98B		44°51.50'N	66°22.25'W	122		Outer Bay of Fundy, E of Grand Manan	LC		2.1	73.1	12.7	12.0	2.69	3.89	3.20	0.80	0.89	5.94
99B		44°48.83'N	66°22.42'W	132		Outer Bay of Fundy, E of Grand Manan	SSD		49.8	35	7.8	7.5	-0.80	-0.34	4.83	4.05	0.24	2.11

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt							Clay
100B		44°46.5' N	66°22.58'W	146		Outer Bay of Fundy, E of Grand Manan	SSD		43.8	38.8	9.2	8.3	1.70	0.47	4.79	3.75	0.29	2.53
101B		44°43.66'N	66°22.75'W	144		Outer Bay of Fundy, E of Grand Manan	SSD		2.8	68.9	15.4	13	2.84	3.88	3.45	1.20	0.73	4.92
102B		44°41.53'N	66°22.23'W	146		Outer Bay of Fundy, E of Grand Manan	SSD		9.7	62.4	14	13.9	2.62	3.46	3.65	1.40	0.48	3.68
103B		44°38.75'N	66°22.23'W	154		Outer Bay of Fundy, E of Grand Manan	SSD		66.3	27.5	3.3	2.9	-3.13	-1.36	3.29	2.35	0.73	4.65
104B		44°36.16'N	66°22.33'W	165		Outer Bay of Fundy, E of Grand Manan	SSD		26.7	58.6	6.9	7.8	1.88	1.35	4.04	2.05	0.28	3.56
105B		44°33.5' N	66°22.33'W	163		Outer Bay of Fundy, E of Grand Manan	SSD		81.2	14.2	2.70	1.8	-5.36	-3.81	3.47	0.35	1.03	6.46
106B		44°31.0' N	66°22.33'W	163		Outer Bay of Fundy, E of Grand Manan	SSD	No sediment analysis.										
107B		44°28.42'N	66°22.42'W	168		Outer Bay of Fundy, E of Grand Manan	SSD		71.1	23.7	2.7	2.5	-4.7	-2.55	3.89	3.15	0.62	3.64
108B		44°25.83'N	66°22.58'W	174		Outer Bay of Fundy, E of Grand Manan	LC?		73.4	8.9	7.5	10.2	-5.34	-2.22	5.76	3.75	0.73	3.70
109B		44°23.58'N	66°22.83'W	165		Outer Bay of Fundy, E of Grand Manan	SSD		65.4	24.1	6.7	3.8	-3.75	-1.51	3.93	3.10	0.59	3.32
110B		44°23.92'N	66°26.0' W	179		Outer Bay of Fundy, E of Grand Manan	SS		94.5	1.0	1.9	2.6	-5.06	-4.38	2.86	0.45	1.96	17.71

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
111B		44°26.5' N	66°26.0' W	181		Outer Bay of Fundy, E of Grand Manan	SS	No sediment analysis.										
112B		44°29.08' N	66°26.0' W	183		Outer Bay of Fundy, E of Grand Manan	SSD		75.8	19.6	3.8	2.7	-4.29	-2.32	3.60	1.95	0.79	4.63
113B		44°31.58' N	66°26.0' W	192		Outer Bay of Fundy, E of Grand Manan	LC		17.0	32.4	19.5	31.1	4.13	4.61	5.59	3.95	0.02	2.07
114B		44°35.0' N	66°26.0' W	206		Outer Bay of Fundy, E of Grand Manan	LCC		1.8	38.1	23.8	36.3	6.62	5.44	3.22	3.00	-0.19	1.65
115B		44°37.75' N	66°26.08' W	185		Outer Bay of Fundy, E of Grand Manan	LCC		0.1	27.4	39.0	33.6	6.0	6.7	3.86	2.85	0.25	2.30
116B		44°40.42' N	66°26.0' W	176		Outer Bay of Fundy, E of Grand Manan	LCC		6.2	32.5	21.8	39.5	6.70	6.38	4.72	3.75	-0.05	2.32
117B		44°43.0' N	66°26.25' W	161		Outer Bay of Fundy, E of Grand Manan	LCC		0	16.3	39.8	43.9	7.36	7.78	3.60	2.65	0.12	2.16
118B		44°45.42' N	66°26.33' W	155		Outer Bay of Fundy, E of Grand Manan	LCC		0.1	81.8	8.0	10.1	2.70	3.83	3.06	0.45	1.25	8.21
119B		44°48.16' N	66°26.33' W	148		Outer Bay of Fundy, E of Grand Manan	LCC		0.1	58.2	18.1	23.6	3.10	5.28	3.72	2.60	0.56	3.02
120B		44°50.67' N	66°25.83' W	128		Outer Bay of Fundy, E of Grand Manan	LC		0	78.2	12.6	9.2	2.89	3.94	2.82	0.65	1.28	8.91
121B		44°53.16' N	66°25.83' W	117		Outer Bay of Fundy, E of Grand Manan	LCC		0	65.1	21.5	13.5	3.28	4.57	3.08	1.30	0.92	5.62

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
122B		44°55.67'N	66°26.33'W	102		Outer Bay of Fundy, E of Grand Manan	LC		0	19.6	46.5	33.9	6.48	7.22	3.45	2.55	0.35	2.46
123B		44°57.75'N	66°25.92'W	91		Outer Bay of Fundy, E of Grand Manan	LC		0	4.3	46.8	48.8	7.9	8.48	3.12	2.35	0.20	2.19
124B		45°00.0' N	66°25.92'W	82		Outer Bay of Fundy, E of Grand Manan	LC		0.2	23.5	55.9	20.5	4.9	6.1	3.2	1.5	0.70	4.1
125B		44°59.0' N	66°29.0' W	70		Outer Bay of Fundy, E of Grand Manan	LC		0	12.7	61.4	25.9	5.64	6.69	3.02	1.85	0.58	3.43
126B		44°56.5' N	66°29.0' W	84		Outer Bay of Fundy, E of Grand Manan	LCC		0	29.7	47.3	23	5.13	6.15	3.02	1.85	0.61	3.62
127B		44°54.33'N	66°29.0' W	101		Outer Bay of Fundy, E of Grand Manan	LCC		0	36.3	42.5	21.2	4.75	5.99	3.16	1.75	0.68	3.88
128B		44°51.83'N	66°29.0' W	117		Outer Bay of Fundy, E of Grand Manan	LCC		0	32.4	44.6	23	4.98	6.15	3.14	1.95	0.62	3.58
129B		44°49.25'N	66°29.5' W	135		Outer Bay of Fundy, E of Grand Manan	LCC		0	22.6	51.1	26.4	5.29	6.53	3.22	2.05	0.56	3.20
130B		44°46.58'N	66°29.5' W	152		Outer Bay of Fundy, E of Grand Manan	LC?		0	68.5	19.8	11.7	3.66	4.73	2.79	0.45	1.15	7.51
131B		44°44.0' N	66°29.5' W	161		Outer Bay of Fundy, E of Grand Manan	LC		0	76.0	14	10	3.31	4.18	2.75	0.60	1.23	8.48
132B		44°41.58'N	66°29.42'W	174		Outer Bay of Fundy, E of Grand Manan	LCC		0	28.4	31.2	40.4	7.12	7.23	3.76	3.35	0.15	2.03

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay					
135B		44°39.0' N	66°29.5' W	192		Outer Bay of Fundy, E of Grand Manan	LCa		0.9	15.1	38	46	7.64	3.71	2.45	-0.07	2.92
134B		44°36.33' N	66°29.58' W	212		Outer Bay of Fundy, E of Grand Manan	LcC		2.43	68.23	11.07	18.27	2.33	4.23	2.80	0.59	3.33
135B		44°33.16' N	66°30.5' W	203		Outer Bay of Fundy, E of Grand Manan	SS	No sediment.									
136B		44°31.42' N	66°29.83' W	161		Outer Bay of Fundy, E of Grand Manan	SSD		61.7	22.6	8.1	7.6	-3.84	4.73	3.05	0.63	3.62
137B		44°28.83' N	66°29.5' W	185		Outer Bay of Fundy, E of Grand Manan	SSD		50.0	28.1	8.8	13.1	-1.00	5.86	4.10	0.44	2.79
138B		44°26.25' N	66°29.42' W	190		Outer Bay of Fundy, E of Grand Manan	SSD		8.4	36.6	20.4	34.7	5.2	4.9	3.8	0.1	2.0
139B		44°23.83' N	66°29.67' W	190		Outer Bay of Fundy, E of Grand Manan	SS		44.4	34.7	10.0	10.8	0.96	4.94	3.40	0.40	2.87
140B		44°21.75' N	66°30.0' W	194		Outer Bay of Fundy, E of Grand Manan	SSD		47.4	43.5	5.5	3.6	-0.59	3.82	3.30	0.30	2.66
141B		44°22.58' N	66°33.0' W	199		Outer Bay of Fundy, E of Grand Manan	SSD		99.2	0.8			-5.49	0.79	0.20	2.93	46.2
142B		44°25.08' N	66°33.5' W	183		Outer Bay of Fundy, E of Grand Manan	SSD		28.7	54.1	9.6	7.7	1.12	3.80	2.05	0.50	3.94
143B		44°26.83' N	66°37.0' W	183		Outer Bay of Fundy, E of Grand Manan	SSD		94.1	5.9			-4.43	1.41	0.25	1.54	12.02

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quant Dev	Skew	Kurt	
									Grav	Sand	Silt							Clay
144B		44°27.75'N	66°33.33'W	196		Outer Bay of Fundy, E of Grand Manan	SSb		39.30	35.7	12.8	12.3	0.53	1.28	4.60	3.60	0.39	2.65
145B		44°29.33'N	66°36.67'W	82		Outer Bay of Fundy, E of Grand Manan	SSb		75.1	18.8	3.1	3.0	-3.44	-2.20	3.18	1.00	1.03	6.95
146B		44°30.42'N	66°33.0' W	181		Outer Bay of Fundy, E of Grand Manan	SSD	Very small sample.	50.0	50			-1.00	-0.55	1.59	1.30	0.22	2.02
147B		44°33.33'N	66°32.5' W	179		Outer Bay of Fundy, E of Grand Manan	LC	No sediment analysis.										
148B		44°37.08'N	66°33.0' W	183		Outer Bay of Fundy, E of Grand Manan	LCC		19.2	64.1	7.3	9.4	1.59	1.98	3.79	1.30	0.56	4.57
149B		44°40.25'N	66°33.42'W	168		Outer Bay of Fundy, E of Grand Manan	LC		0	16.2	34.6	49.1	7.92	8.04	3.54	2.55	0.04	2.14
150B		44°42.5' N	66°33.42'W	159		Outer Bay of Fundy, E of Grand Manan	LCC		0.2	22.2	33.0	44.6	7.48	7.71	3.61	3.10	0.12	2.09
151B		44°45.33'N	66°33.08'W	144		Outer Bay of Fundy, E of Grand Manan	LC		0	20.5	52.5	27	5.53	6.61	3.17	2.05	0.53	3.15
152B		44°48.0' N	66°33.16'W	125		Outer Bay of Fundy, E of Grand Manan	LCb		0	2.9	61.2	35.8	6.59	7.62	3.06	2.2	0.42	2.72
153B		44°50.5' N	66°33.16'W	117		Outer Bay of Fundy, E of Grand Manan	LCb		0	7.1	62.9	29.9	6.06	7.07	2.98	2.00	0.51	3.10
154B		44°53.16'N	66°33.16'W	97		Outer Bay of Fundy, E of Grand Manan	LCb		0	9.8	60.8	29.4	6.00	7.06	3.17	2.10	0.51	3.01

CRUISE - BAFFIN - 64-019 : CHIEF SCIENTIST - H.R. Blandford (Hydrographer) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt + Clay							
159B		44°56.0' N	66°33.16' W	70		Outer Bay of Fundy, E of Grand Manan	LC		0	8.93	65.0	26.1	5.61	6.79	3.09	1.80	0.61	3.43
156B		44°58.5' N	66°33.0' W	57		Outer Bay of Fundy, E of Grand Manan	LC		0	5.3	60.6	34.0	6.52	7.53	3.16	2.20	0.44	2.70
157B		45°01.08' N	66°32.5' W	40		Outer Bay of Fundy, E of Grand Manan	LCb		0	16.4	55.8	27.8	5.88	6.76	3.20	2.05	0.48	3.06
158B		44°57.16' N	66°36.42' W	58		Outer Bay of Fundy, E of Grand Manan	LCb		0	4.2	64.6	31.2	6.19	7.36	3.21	2.20	0.50	2.83
159B		44°54.83' N	66°36.83' W	84		Outer Bay of Fundy, E of Grand Manan	LC		0	2.3	65.0	32.6	6.33	7.51	2.96	2.10	0.48	2.93
160B		44°52.08' N	66°37.0' W	113		Outer Bay of Fundy, E of Grand Manan	LC		0.1	2.9	61.7	35.3	6.61	7.61	3.14	2.25	0.42	2.69
161B		44°49.5' N	66°36.67' W	119		Outer Bay of Fundy, E of Grand Manan	LCb		0	0.9	62.6	36.5	6.61	7.74	3.11	2.25	0.43	2.63
162B		44°46.83' N	66°36.67' W	119		Outer Bay of Fundy, E of Grand Manan	LCb		0	0.6	56.5	42.9	7.28	8.16	2.96	2.20	0.34	2.43
163B		44°44.42' N	66°36.58' W	126		Outer Bay of Fundy, E of Grand Manan	LCb		0	8.7	49.6	41.7	7.10	7.77	3.15	2.40	0.27	2.35
164B		44°41.5' N	66°36.92' W	128		Outer Bay of Fundy, E of Grand Manan	LCa		0	4.2	40.0	55.8	8.5	8.72	2.92	2.15	0.07	2.42
165B		44°46.08' N	66°38.83' W	95		Outer Bay of Fundy, E of Grand Manan	LCb		0	5.5	51.9	42.7	7.35	8.02	3.00	2.20	0.30	2.44

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean g	Median g	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay						
1381		44°19.3' N	64°03.6' W	60	12/04/67	S of Mahone Bay	SISb	Rock bottom. No sample. Jaws open.										
1382		44°16.6' N	64°01.6' W	71	12/04/67	S of Mahone Bay	SISb	Gravel---boulder size. One bag.										
1383		44°10.0' N	63°59.6' W	102	12/04/67	S of Mahone Bay	SISb	Gravel & sand. Lost sand. Jaws open.										
1384		44°05.1' N	63°57.5' W	132	12/04/67	S of Mahone Bay	SSb	Clay with a few pebbles.										
1385		44°02.0' N	63°56.7' W	121	12/04/67	S of Mahone Bay	SISb	15 inch boulder, gravel with some sand. Gravel is boulder size.										
1386	5941	43°59.3' N	63°55.4' W	164	12/04/67	N of LaHave Basin	SSD	Mainly clay. May be short of station.	10.6	6.3	52.6	30.4	6.77	6.32	4.46	1.60	-0.51	4.14
1387	5929	43°56.2' N	63°54.0' W	173	12/04/67	N of LaHave Basin	SSD	Silt with clay & sand; pebbles, sand & gravel. 2 attempts.	66.4	16.5	14.5	2.6	-4.88	-1.81	4.81	3.65	0.48	2.40
1388	5949	43°54.8' N	63°53.4' W	183	12/04/67	N of LaHave Basin	ESa	Mud. 3 bags.	0.7	5.9	61.5	31.9	7.13	7.19	2.37	1.20	-0.09	3.86
1389	6017	43°53.7' N	63°52.9' W	185	12/04/67	N of LaHave Basin	SSD	Sandy mud & about 5-10 pebbles.	20.3	33.8	35.9	10.0	3.19	2.87	4.45	3.10	-0.18	2.05
1390	6003	43°55.8' N	63°45.8' W	238	12/04/67	LaHave Basin	LCb	Mud. 3 bags.	0	3.0	58.4	38.6	7.54	7.69	1.90	1.10	-0.40	6.09
1391	6028	43°43.2' N	63°55.0' W	238	12/04/67	LaHave Basin	LCb	Mud.	0	1.6	2.3	96.1	8.52	8.38	1.00	0.25	-2.91	42.11
1392	6007	43°50.6' N	64°04.0' W	183	12/04/67	N edge of LaHave Basin	ESa	Mud.	0	4.9	72.5	22.6	6.61	6.88	1.90	0.90	0.19	3.72

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Silt	Clay							
1393		43°51.9' N	64°05.6' W	154	12/04/67	N edge of LaHave Basin	SSD	Few pebbles with small quantity of sand adhering. 2 empty hauls. 3 attempts.										
1394	6000	43°53.9' N	64°08.4' W	165	12/04/67	N of LaHave Basin	LCb	Mud.	0	6.8	81.0	12.1	6.56	1.91	0.45	-0.32	6.87	
1395	5984	43°56.6' N	64°11.7' W	133	12/04/67	N of LaHave Basin	SSD	Mud.	0.8	51.4	36.9	10.9	3.87	2.69	1.75	0.39	3.85	
1396	6001	43°57.4' N	64°12.5' W	124	12/04/67	N of LaHave Basin	SSb	Gravel & sand. 2 bags.	41.8	46.9	8.1	3.2	-0.20	3.28	2.05	0.39	3.51	
1397	6006	43°58.0' N	64°13.2' W	110	12/04/67	N of LaHave Basin	SISb	Sand.	2.5	83.7	7.2	6.6	2.22	2.50	0.65	0.95	7.10	
1398	5999	44°01.7' N	64°17.8' W	101	12/04/67	N of LaHave Basin	SISb	Mud.	0.7	63.4	27.4	8.5	3.02	2.55	1.30	0.74	5.44	
1399				53	12/04/67	N of LaHave Basin	SISb	Coarse gravel. 1 bag.										
1400		43°58.3' N	64°36.0' W	59	12/04/67	S of Liverpool	SISb	Coarse gravel, bit of sand.										
1401	6022	43°54.6' N	64°31.3' W	90	12/04/67	S of Liverpool	SISb	Medium sand.	10.0	84.1	3.3	2.6	2.52	2.23	0.35	-0.25	6.69	
1402		43°51.0' N	64°26.4' W	121	12/04/67	S of Liverpool	SISb	No sample, probably boulder lag. 3 attempts.										
1403		43°49.1' N	64°24.0' W	134	12/04/67	S of Liverpool	SSb	Mud with gravel.	32.5	30.5	26.6	10.4	3.17	1.95	4.96	4.50	2.07	
1404	6009	43°47.1' N	64°21.5' W	150	12/04/67	N of LaHave Basin	SSD	Mud with gravel.	49.5	17.7	26.4	6.4	-0.64	0.57	4.84	4.65	1.67	
1405		43°45.4' N	64°19.7' W	165	12/04/67	NW edge of LaHave Basin	SSD	2 cobbles, a bit of mud. Poor sample.										
1406	6018	43°42.6' N	64°16.0' W	187	12/04/67	LaHave Basin	LCb	Mud. May have drifted a little past station.	0	4.9	70.6	24.5	6.76	7.01	2.07	0.85	-0.36	6.03

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Median ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt + Clay						
1421		43°10.0' N	64°02.3' W	91	13/04/67	LaHave Bank	SISb	Pebbles.									
1422		43°04.6' N	63°55.6' W	107	13/04/67	LaHave Bank	SISb	Pebbles & cobbles.									
1423		42°59.1' N	63°49.2' W	124	13/04/67	SE of LaHave Bank	SSb	Pebbles & cobbles.	65.9	33.4	0.3	0.4	-1.60	2.24	1.80	0.36	4.27
1424	5973	42°53.4' N	63°42.2' W	155	13/04/67	SE of LaHave Bank	SSb	Pebbles.	35.5	63.1	0.6	0.8	0.17	2.17	1.65	0.23	4.55
1425	5946	42°50.8' N	63°52.0' W	148	13/04/67	S of LaHave Bank	SSb	Sand & pebbles.									
1426		42°54.5' N	63°56.5' W	106	13/04/67	LaHave Bank	SISb	3 attempts. Rocky bottom. Pebbles & one boulder "sitting" on bottom.									
1427		42°59.9' N	64°03.0' W	99	13/04/67	LaHave Bank	SISb	Few pebbles. Hard bottom. 2 attempts.									
1428		43°05.2' N	64°09.4' W	86	13/04/67	LaHave Bank	SISb	Few pebbles. 2 attempts.									
1429		43°10.6' N	64°16.0' W	90	13/04/67	LaHave Bank	SISb	2 pebbles. 2 attempts.									
1430	5978	43°16.0' N	64°22.4' W	163	14/04/67	W of LaHave Bank	SS	Medium sand.	0.6	92.2	4.6	2.6	1.69	2.10	1.58	0.40	1.49
1431	5927	43°22.7' N	64°13.5' W	119	14/04/67	N edge of LaHave Bank	SSb	Medium sand.	17.4	78.6	1.9	2.2	2.28	1.43	2.75	0.60	-0.33
1432	5940	43°23.7' N	64°15.0' W	174	14/04/67	N of LaHave Bank	SSD	Cobbles & sand & pebbles. 4 attempts.	91.0	6.8	1.3	0.9	-5.46	2.72	0.20	1.62	12.81
1433	5925	43°24.5' N	64°16.0' W	221	14/04/67	NW edge of LaHave Bank	ESa	Mud.	0.8	42.6	41.5	15.1	4.68	5.02	2.88	2.15	0.15
1434	5943	43°26.7' N	64°18.8' W	201	14/04/67	LaHave Basin	LCb	Mud.	1.2	23.0	60.4	15.3	5.52	5.72	2.33	1.45	0.02

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt							Clay
1435	5960	43°29.9' N	64°22.6' W	174	14/04/67	NW of LaHave Bank	ESa	Mud.	0	16.4	59.3	24.4	5.80	6.42	2.71	1.80	0.41	3.15
1436	5969	43°32.0' N	64°25.5' W	146	14/04/67	W of LaHave Basin	SSD	Mud & gravel.	1.4	69.3	24.4	4.9	2.87	3.45	2.20	1.30	0.53	4.61
1437	5983	43°37.2' N	64°31.7' W	150	14/04/67	W of LaHave Basin	ESb	Mud.	0	12.8	60.7	26.6	6.34	6.91	3.03	1.50	0.35	3.42
1438		43°41.8' N	64°37.4' W	115	14/04/67	W of LaHave Basin	SISb	Boulders & pebbles.										
1439		43°45.5' N	64°41.9' W	59	14/04/67	W of LaHave Basin	SISb	Boulders & pebbles.										
1440	6011	43°38.5' N	64°43.8' W	102	14/04/67	N of Roseway Bank	SISa	Fine sand.	0.1	88	9.4	2.5	2.98	3.25	1.30	0.50	1.44	13.98
1441		43°37.5' N	64°42.5' W	104	14/04/67	N of Roseway Bank	SSb	Pebbles/boulder.										
1442	5977	43°33.1' N	64°36.9' W	146	14/04/67	Roseway Bank	ES	Mud.	0	20.6	63	16.4	5.53	5.90	2.51	1.30	0.49	4.16
1443		43°28.4' N	64°31.3' W	84	16/04/67	Roseway Bank	SISb	No sample. 3 attempts.										
1444	5953	43°31.6' N	64°35.0' W	126	16/04/67	Roseway Bank	SSa	Silty Mud.	0.9	77.3	16.2	5.7	2.64	3.17	2.07	0.80	0.68	5.18
1445	6014	43°32.2' N	64°35.9' W	134	16/04/67	N edge of Roseway Bank	SSD	Mud.	0	55.5	34.4	10.1	3.83	4.69	2.35	1.10	0.82	5.40
1446	6005	43°33.1' N	64°42.9' W	133	16/04/67	N edge of Roseway Bank	SSa	Silty mud & sand.	2.7	75.8	14.1	7.4	2.22	2.99	2.63	0.80	0.78	5.51
1447	6002	43°34.4' N	64°44.6' W	137	16/04/67	N of LaHave Bank	LCb	Mud (clay).	0	8.9	75.3	15.8	6.47	6.63	2.25	0.50	0.30	5.41
1448	5976	43°35.6' N	64°59.9' W	119	16/04/67	N of Roseway Bank	ES	Silt.	0.3	75.7	19.5	4.5	3.49	3.72	1.54	0.45	0.86	9.53
1449	5983	43°36.9' N	64°47.6' W	99	16/04/67	N of Roseway Bank	SISa	Gritty sand.	23.4	66.1	7.2	3.3	1.35	1.15	2.90	1.70	0.20	3.71

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{x}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
1450		43°39.2' N	64°56.4' W	42	16/04/67	N of Roseway Bank	SISb	Gravel. Open network. Jaws open at surface?										
1451		43°35.5' N	64°51.6' W	88	16/04/67	N of Roseway Bank	SISb	Pebbles only. Sitting on sediment. 2 attempts.										
1452	5971	43°32.4' N	64°47.6' W	119	16/04/67	Roseway Bank	SISb	One boulder. Gravel & sand.	95.7	3.4	0.5	0.4	-5.39	-4.97	1.77	0.30	2.33	28.52
1453		43°29.2' N	64°44.0' W	64	17/04/67	Roseway Bank	SISb	Cobbles & pebbles.										
1454		43°26.2' N	64°40.2' W	66	17/04/67	Roseway Bank	SISb	Pebbles.										
1455		43°23.1' N	64°36.5' W	82	17/04/67	Roseway Bank	SISb	Pebbles.										
1456	5951	43°20.1' N	64°32.8' W	123	17/04/67	E edge Roseway Bank	SSb	Pebbles, sand & mud.	87.1	12.2	0.4	0.3	-5.14	-4.12	2.56	0.60	1.08	7.25
1457	5955	43°18.8' N	64°31.2' W	137	17/04/67	E of Roseway Bank	SSD	Mud & coarse sand.	12.0	14.2	8.3	5.5	2.55	2.46	2.83	1.00	0.31	5.26
1458	5945	43°17.3' N	64°29.4' W	155	17/04/67	E of Roseway Bank	SSD	Mud & sand.	0.6	85.4	8.9	5.1	3.22	3.48	1.83	0.55	0.97	9.54
1459	5930	43°15.2' N	64°26.6' W	164	17/04/67	W of LaHave Bank	ESa	Mud.	0	61.3	28.2	10.5	3.76	4.57	2.54	0.70	0.95	6.73
1460	6015	43°11.1' N	64°29.4' W	154	17/04/67	W of LaHave Bank	ESa	Mud.	0	60.5	36.5	3.00	3.76	4.17	1.56	0.70	0.56	5.24
1461	5995	43°05.7' N	64°22.8' W	124	17/04/67	W of LaHave Bank	SSa	Sand with shells.	12.5	84.2	1.5	1.8	1.59	1.31	1.98	1.35	0.49	6.34
1462		43°00.3' N	64°16.5' W	102	17/04/67	LaHave Bank	SISb	Coarse gravel. Cobbles & pebbles.										
1463		42°59.3' N	64°17.9' W	121	17/04/67	LaHave Bank	SS	Coarse gravel.										
1464	5933	42°52.6' N	64°13.4' W	113	17/04/67	LaHave Bank	SSb	Gravel/boulders/cobbles. Fine gravel. Some sand.	75.6	23.8	0.2	0.4	-5.27	-3.58	2.91	2.25	0.59	3.51

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
1465		42°55.1' N	64°10.0' W	102	17/04/67	LaHave Bank	SISb	Gravel/cobbles/pebbles. Traces of sand.										
1466	6012	42°49.5' N	64°03.4' W	110	17/04/67	LaHave Bank	SISb	Sand/gravel/pebbles/boulders.	61.8	37.0	0.4	0.8	-2.23	-1.66	2.71	2.45	0.39	3.62
1467	5982	42°47.8' N	64°01.5' W	168	17/04/67	S edge of LaHave Bank	SSb	Sand.	16.8	82.2	0.4	0.6	0.62	0.40	1.55	0.80	0.40	10.15
1468		42°45.6' N	64°11.9' W	144	17/04/67	SW of LaHave Bank	SSb	Gravel, trace of sand. Plankton tow #3 at 70-75 m.										
1469		42°50.2' N	64°17.3' W	117	17/04/67	W of LaHave Bank	SSb	3 pebbles lying on sediment.										
1470	5992	42°55.5' N	64°23.6' W	124	17/04/67	W of LaHave Bank	SSb	Sand & gravel.	36.4	59.8	1.6	2.2	1.00	0.42	2.75	2.20	0.25	3.68
1471	5975	43°00.9' N	64°30.0' W	128	17/04/67	E of Baccaro Bank	SSb	Fine sand, some gravel.	13.3	80.1	4.4	2.2	2.49	2.03	2.39	0.40	-0.30	5.31
1472		43°06.3' N	64°36.6' W	115	17/04/67	Baccaro Bank	SISb	Sand & gravel.										
1473	5972	43°07.7' N	64°38.2' W	126	17/04/67	N of Baccaro Bank	SSa	Muddy sand & small pebbles.	7.7	83.8	5.4	3.1	2.55	2.48	2.10	0.40	0.00	7.27
1474	5932	43°09.2' N	64°39.9' W	130	17/04/67	N of Baccaro Bank	SSa	Muddy sand & a few pebbles.	3.6	81.3	11.3	3.8	2.86	3.08	2.61	0.75	0.98	11.24
1475	5931	43°11.3' N	64°42.5' W	132	17/04/67	N of Baccaro Bank	SSD	Sand & pebbles.	27.3	58.6	10.4	3.6	2.52	1.09	4.11	3.05	-0.24	2.33
1476		43°17.7' N	64°41.6' W	89	17/04/67	Roseway Bank	SISb	One boulder (not kept). Gravel lying on sand.										
1477		43°20.8' N	64°45.2' W	64	17/04/67	Roseway Bank	SISb	Boulder bottom. No sample.										
1478	5957	43°23.8' N	64°48.7' W	90	17/04/67	Roseway Bank	SISa	Mud & sand.	0.7	98.2	0.2	0.8	2.50	2.52	0.86	0.25	1.38	48.4

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
1479		43°27.0' N	64°47.5' W	123	17/04/67	NW of Roseway Bank	SS	Sand & pebbles.										
1480	6027	43°28.8' N	64°54.5' W	135	17/04/67	N of Roseway Bank	SSD	Sand.	13.2	80.2	4.1	2.4	1.76	2.15	0.85	0.33	5.93	
1481	5956	43°30.3' N	64°56.4' W	112	17/04/67	NW of Roseway Bank	SISb	Sand & one cobble.	1.8	90.6	5.4	2.1	2.03	1.57	0.60	1.05	11.72	
1482		43°31.3' N	64°57.5' W	95	17/04/67	NW of Roseway Bank	SISb	One pebble. Some evidence of sand.										
1483	5965	42°41.5' N	64°19.6' W	130	18/04/67	S of Baccaro Bank	SSb	Gravelly sand.	30.4	67.6	1.0	1.0	0.82	2.21	1.55	0.15	4.81	
1484		42°47.5' N	64°21.0' W	115	18/04/67	SE of Baccaro Bank	SSb	Gravel lying on sand.										
1485	5991	42°45.3' N	64°24.3' W	110	18/04/67	Baccaro Bank	SISb	Gravel (brachiopods).	55.5	36.8	8.8	1.0	-1.64	4.02	3.35	0.30	2.41	
1486		42°50.7' N	64°30.9' W	104	18/04/67	Baccaro Bank	SISb											
1487		42°56.2' N	64°37.4' W	91	18/04/67	Baccaro Bank	SISb	Cobbles, probably resting on sand.										
1488		43°01.5' N	64°43.8' W	81	18/04/67	Baccaro Bank	SISb	Cobbles & pebbles.										
1489	5968	43°06.0' N	64°49.1' W	125	18/04/67	N of Baccaro Bank	SSa	Mud.	0	77.4	18.4	4.2	3.48	1.56	0.45	1.33	11.59	
1490	5990	43°07.3' N	64°50.8' W	155	18/04/67	N of Baccaro Bank	ESa	Mud.	0	45.6	41.8	12.6	4.13	2.53	0.80	0.92	5.92	
1491	5974	43°14.3' N	64°46.2' W	115	18/04/67	N of Baccaro Bank	SSa	Sand.	7.5	88.2	2.8	1.5	2.48	2.11	0.50	-0.63	8.34	
1492	5962	43°17.2' N	64°49.7' W	106	18/04/67	Roseway Bank	SISa	Fine sand.	1.5	98.4			1.76	0.85	0.45	-1.60	21.55	
1493	5963	43°20.1' N	64°53.4' W	137	18/04/67	W of Baccaro Bank	SSa	Fine sand.	0	91.8	5.7	2.5	2.65	1.29	0.35	1.77	17.25	
1494	5980	43°21.8' N	64°55.5' W	160	18/04/67	Roseway Basin	ESa	Silt.	0	68.2	24.3	7.5	3.60	4.22	2.15	0.55	1.12	8.11

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt			
									Grav	Sand	Silt Clay								
1495	5964	43°23.0' N	64°56.8' W	161	18/04/67	Roseway Basin	L0b	Mud.	1.0	57.5	29.3	12.2	3.65	4.39	2.90	1.20	0.66	5.05	
1496	5938	43°24.4' N	64°58.8' W	159	18/04/67	Roseway Basin	L0b	Mud.	0	35.5	52.0	12.5	5.08	5.44	2.30	1.40	0.60	4.26	
1497		43°26.6' N	65°01.1' W	143	18/04/67	Roseway Basin	ES	Mud.											
1498	5986	43°27.8' N	65°02.9' W	121	18/04/67	N of Roseway Basin	SSa	Mud, pebbles.	9.5	73.7	13.0	3.7	2.63	2.47	2.83	0.75	-0.28	5.45	
1499	5934	43°30.7' N	65°06.6' W	77	18/04/67	N of Roseway Basin	S1Sa	Pebbles & cobbles, probably sand.	18.8	79.9	0.4	0.9	2.26	1.30	2.46	1.00	-0.44	3.96	
1500		43°33.5' N	65°10.0' W	55	18/04/67	S of Shelburne	S1Sa	Fine sand, broken shells.											
1501		43°24.6' N	65°17.4' W	79	19/04/67	N of Roseway Basin	S1Sa	No sample. 2 attempts.											
1502	5997	43°05.4' N	64°53.5' W	146	19/04/67	N of Baccaro Bank	SSa	Mud.	0	53.4	36.2	10.4	3.90	4.68	2.44	0.95	0.73	5.29	
1503	6004	43°07.0' N	64°55.6' W	143	20/04/67	N of Baccaro Bank	SSb	Mud & gravel.	67	20.5	6.8	5.7	-4.98	-2.07	4.86	3.85	0.59	3.18	
1504	5998	43°08.3' N	64°57.2' W	137	20/04/67	N of Baccaro Bank	SSb	Mud & gravel.	55.3	30.1	9.2	5.4	-4.02	-0.71	4.48	3.75	0.38	2.42	
1505	5939	43°14.4' N	65°04.6' W	157	20/04/67	Roseway Basin	ESa	Mud.	0	21.9	67.3	10.8	4.85	5.37	1.99	1.05	0.62	4.54	
1506	5937	43°18.4' N	65°09.6' W	155	20/04/67	Roseway Basin	ESa	Mud.	0	37.4	49.1	13.5	4.43	5.08	2.91	1.10	0.67	5.16	
1507		43°21.0' N	65°12.6' W	132	20/04/67	N edge of Roseway Basin	SS	Muddy sand & gravel.	71.5	22.4	4.8	1.2	-5.32	-3.08	3.90	3.40	0.61	3.12	
1508	5947	43°16.1' N	65°25.3' W	73	20/04/67	NW of Roseway Basin	S1Sa	Sand & shells.	4.2	91.1	3.7	1.1	2.65	2.61	1.47	0.35	-0.57	14.7	
1509	6025	43°12.6' N	65°20.8' W	110	20/04/67	W of Roseway Basin	S1Sa	Sand.	1.3	82.3	14.1	2.4	3.14	3.19	1.46	0.65	0.61	10.44	

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt Clay						
1538		42°40.0' N	65°09.6' W	70	25/04/67	Baccaro Bank	SISb	3 pebbles.									
1539				113	25/04/67			Sand. Some gravel. Grainsize missing.									
1540	5847			121	25/04/67			Gravelly sand.	22.1	77.3		2.12	1.24	1.97	1.60	-0.39	2.21
1541				183	25/04/67			Pebbles.									
1542	5870			132	25/04/67			Gravelly sand.	22.4	76.6	0.4	1.08	0.30	2.55	1.25	-0.41	4.26
1543				146	25/04/67			Pebbles.									
1544	5888			128	25/04/67			Gravelly sand.	36.1	62.4	0.9	0.39	-0.19	2.55	2.10	0.01	2.97
1545	5848			119	25/04/67			Gravel & sand.	83.4	16.6		-5.24	-4.00	2.48	1.25	0.69	3.41
1546	5851			111	26/04/67			Sand & gravel.	36.4	61.8	0.7	0.80	0.09	2.83	2.45	0.01	2.81
1547	5852	42°40.0' N	65°16.33' W	91	26/04/67	E of Brown's Bank	SISa	Sand & a few small pebbles.	12.8	85.5	0.7	1.34	1.05	1.70	0.70	0.30	8.70
1548	5850	42°50.0' N	65°16.33' W	143	26/04/67	W of Baccaro Bank	SSa	Mud.	0.3	90.0	7.4	2.89	3.14	1.24	0.50	1.49	17.24
1549	5908	42°55.0' N	65°16.33' W	165	26/04/67	W of Baccaro Bank	ESb	Mud.	0	75.8	21.0	3.63	3.87	1.31	0.30	1.06	12.82
1550	5844	43°00.0' N	65°16.33' W	159	26/04/67	W of Baccaro Bank	ESa	Mud.	0.3	67.9	25.2	3.62	4.11	2.07	0.55	1.18	9.83
1551		43°03.5' N	65°16.33' W	143	26/04/67	W of baccaro Bank	SSb	Cobbles & pebbles.									
1552	5864	43°06.5' N	65°16.33' W	110	26/04/67	W of Roseway Basin	SISa	Gravel & pebbles.	64.7	31.5	2.5	-3.54	-1.89	3.10	2.70	0.54	3.82
1553	5860	43°06.5' N	65°23.33' W	108	26/04/67	W of Roseway Basin	SISa	Sand & fine gravel.	37.5	49.3	11.0	0.38	0.55	3.05	2.45	0.23	2.81

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{x}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
1585	5877	42°55.2' N	65°56.7' W	168	01/05/67	N of Brown's Bank	S1Sa	Sand & shells.	46.8	50.2	2.3	0.8	2.05	0.51	2.73	2.40	0.04	2.15
1586	5904	42°50.0' N	65°57.0' W	82	01/05/67	Brown's Bank	S1Sb	Sand, shells & fine gravel.	57.5	42.0	0.2	0.3	-1.48	-1.03	1.96	1.65	0.39	4.13
1587	5879	42°45.1' N	65°57.0' W	82	01/05/67	Brown's Bank	S1Sa	Sand & shells.	13.9	86			1.39	0.85	1.57	0.30	-0.97	5.68
1588	5875	42°40.0' N	65°57.0' W	88	01/05/67	Brown's Bank	S1Sb	Gravel & pebbles.	96.0	3.7	0.2	0.2	-4.28	-5.98	1.54	0.70	1.53	19.89
1589	5891			145	01/05/67			Sand.	0.6	99.4			2.47	2.43	0.48	0.20	-3.02	63.17
1590	5890	42°34.75' N	66°10.5' W	77	01/05/67	S of Brown's Bank	S5b	Fine & coarse sand & pebbles.	44.4	55.6			0.28	-0.29	1.80	1.65	-0.13	1.65
1591	5882	42°40.0' N	66°10.5' W	59	01/05/67	Brown's Bank	S1Sb	Sand & gravel & shells.	61.4	38.6			-2.04	-1.65	2.41	2.45	0.13	1.61
1592	5887	42°45.0' N	66°10.66' W	55	01/05/67	Brown's Bank	S1Sa	Clean sand & shell frags.	0.6	99.4			1.41	1.35	0.51	0.25	-1.23	19.06
1593	5906	42°45.0' N	66°04.0' W	62	01/05/67	Brown's Bank	S1Sa	Clean sand & shell frags.	21.6	78.4			0.46	0.16	1.37	1.00	-0.41	3.14
1594	5907	42°50.0' N	66°03.75' W	99	01/05/67	Brown's Bank	S1Sa	Sand. Abundant benthic life.	6.2	88.0	3.1	2.7	2.32	2.26	1.82	0.60	0.42	9.20
1595	5872	42°51.0' N	66°03.92' W	125	01/05/67	N of Brown's Bank	S5b	Sand & gravel.	69.3	29.7	0.5	0.4	-2.18	-1.75	2.20	1.50	0.54	5.02
1596	5889	43°00.0' N	66°03.8' W	97	01/05/67	Brown's Bank	S1Sb	Sand & shells.	53.1	44.1	2.0	0.9	-1.14	-0.60	2.09	1.30	0.75	6.95
1597	5912	43°00.0' N	66°38.0' W	124	01/05/67	NW of Brown's Bank	S1Sa	Medium to fine sand.	2.2	94.9	1.3	1.6	2.74	2.82	1.32	0.45	0.13	18.36
1598	5883	42°57.6' N	66°38.0' W	155	02/05/67	NW of Brown's Bank	S5b	Cobbles & pebbles. Trace of sand.	90.9	7.5	1.1	0.5	-4.71	-4.03	2.38	0.55	1.36	10.98
1599	5876	42°52.2' N	66°39.7' W	187	02/05/67	W of Brown's Bank	S5D	Sand & pebbles & mud.	30.1	49.7	12.5	7.7	1.81	1.36	4.22	2.80	0.23	3.06

CRUISE - KAPUSKASING - 67-009 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean g	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
1600	5875	42°50.0' N	66°38.0' W	168	02/05/67	W of Brown's Bank	SSD	Pebbles & sand & mud. Sediment for Grant to examine.	58.0	36.8	3.9	1.3	-3.04	-1.22	3.74	3.50	0.26	2.05
1601	5885	42°47.5' N	66°39.0' W	161	02/05/67	W of Brown's Bank	SSD	Sand.	0	100			1.89	1.95	0.57	0.45	0.12	2.50
1602	5878	42°42.4' N	66°38.0' W	172	02/05/67	W of Brown's Bank	SSa	Sand. Plankton tow. Navigation poor.	0.4	98.4	0.8	0.5	1.89	1.60	1.31	0.80	0.29	8.35
1603		42°45.1' N	66°31.0' W	135	02/05/67	W of Brown's Bank	SSb	Sand. Navigation not accurate.	31.3	68.7			1.85	0.68	2.14	1.90	-0.32	1.87
1604	5881	42°47.75' N	66°31.0' W	143	03/05/67	W of Brown's Bank	S1Sa	Sand & gravel. Some shell fragments.	41.2	52.8	4.1	1.9	0.11	0.48	2.78	2.40	0.32	3.16
1605	5858	42°50.0' N	66°31.0' W	152	03/05/67	NW of Brown's Bank	SSb	Sand & gravel & mud.	30.1	65.7	2.8	1.4	2.00	0.72	3.02	2.35	-0.16	2.66
1606		42°55.0' N	66°31.0' W	135	03/05/67	NW of Brown's Bank	SSb	Sand & gravel.	73.4	23.6	2.05	0.9	-5.08	-2.98	3.53	2.50	0.58	3.26
1607	5866	43°00.0' N	66°31.0' W	128	03/05/67	NW of Brown's Bank	S1Sa	Mud & sand.	7.8	80.9	9.3	2.0	2.94	2.50	2.03	0.90	-0.06	5.23
1608	5857	43°00.0' N	66°24.5' W	124	03/05/67	NW of Brown's Bank	S1Sa		25.8	64.2	8.0	2.1	2.44	1.59	2.68	2.15	-0.06	3.11
1609	5898	43°05.0' N	66°24.5' W	93	03/05/67	NW of Brown's Bank	S1Sa		43.4	52.6	3.1	0.9	-0.29	0.18	2.61	2.20	0.18	2.76
1610	5896	42°55.1' N	66°24.5' W	137	03/05/67	NW of Brown's Bank	SSb	Sand, few shells.	13.7	77.5	7.1	1.7	2.41	2.01	2.22	0.95	-0.17	4.96
1611	5923	42°50.0' N	66°24.4' W	133	03/05/67	NW of Brown's Bank	SSb	Sand.	12.5	63.2	21.2	3.2	3.20	2.77	2.51	0.85	-0.31	4.73
1612	5924	42°49.2' N	66°24.3' W	128	03/05/67	NW of Brown's Bank	S1Sa	Sand. Not on ridge as shown on chart.	17.1	76.7	4.9	1.2	2.08	1.52	2.29	1.40	-0.07	3.89
1613	5899	42°45.0' N	66°24.3' W	77	03/05/67	NW of Brown's Bank	S1Sa	Sand.	0.7	99.3			1.28	1.24	0.77	0.55	-0.06	3.07

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Silt	Clay							
68-9-1	6981	45°42.0' N	60°04.50' W	102	02/04/68	S of Louisbourg	SISb	Mud.	8.7	53.9	27.9	9.5	3.71	3.89	3.40	0.65	-0.07	5.44
68-9-2	7157	45°38.0' N	60°04.50' W	133	02/04/68	S of Louisbourg	SISb	Mud w/gravel. 4 pebbles.	11.4	20	53	15.6	4.77	4.54	4.23	1.55	-0.49	4.20
68-9-3	6980	45°37.0' N	60°02.0' W	157	02/04/68	S of Louisbourg	LCb	Mud.	0	13.1	57.7	29.2	3.56	6.62	2.98	2.05	0.43	3.04
68-9-4	6978	45°32.5' N	60°04.5' W	165	02/04/68	S of Louisbourg	LCb	Mud.	0.1	9.0	63.2	27.8	5.88	6.76	2.98	1.95	0.47	3.23
68-9-5	7156	45°29.5' N	60°04.5' W	170	02/04/68	S of Louisbourg	LCb		0.3	2.4	70.4	26.9	6.18	6.98	2.73	1.60	0.53	3.83
68-9-6	7061	45°27.00' N	60°04.50' W	170	02/04/68	S of Louisbourg	LCb	Mud.	0	7.2	62.5	30.3	6.35	7.14	2.94	1.90	0.43	3.16
68-9-7	7158	45°26.25' N	60°04.50' W	172	02/04/68	S of Louisbourg	LCb	Mud.	0	3.0	71.6	25.4	6.27	7.02	2.57	1.40	0.61	4.05
68-9-8	7064	45°26.0' N	60°04.3' W	168	02/04/68	S of Louisbourg	LCb	Mud.	0	5.7	64.2	30.2	6.31	7.07	2.91	1.95	0.42	3.20
68-9-9	6982	45°24.0' N	60°04.5' W	172	02/04/68	S of Louisbourg	LCb	Mud w/gravel.	0	13.6	58.2	28.2	6.22	6.81	2.90	1.90	0.40	3.16
68-9-10	7062	45°21.0' N	60°05.0' W	128	02/04/68	NE of Canso Bank	SSa	Muddy sand.	0.5	90.8	5	3.6	1.85	2.28	1.76	0.50	1.33	11.01
68-9-11	7159 & 7063	45°21.0' N	60°03.0' W	165	02/04/68	NE tip of Canso Bk	LC	Mud w/sand & gravel. Approx 6 pebbles.	6.4	42	36.9	14.8	4.12	4.63	3.48	1.80	-0.14	4.08
68-9-12	7065	45°19.0' N	60°01.5' W	175	02/04/68	NE tip of Canso Bk	SSa	Mud w/sand & gravel. One cobble.	77.7	5.2	11.4	5.7	-5.36	-2.93	4.90	0.35	0.78	3.82
68-9-13		45°18.0' N	60°06.0' W	161	02/04/68	NE tip of Canso Bk	SSa	Mud w/sand.	4	52	32.2	12	2.22	3.73	3.61	2.45	0.37	3.13
68-9-14	7294	45°17.0' N	60°01.0' W	157	02/04/68	NE tip of Canso Bk	SS	Mud.	0	16.9	65.7	17.5	5.85	6.19	2.40	1.15	0.49	4.11
68-9-15	6972	45°14.0' N	60°04.6' W	113	02/04/68	NE tip of Canso Bk	ES	Mud.	0.4	84.2	10.6	4.8	2.63	3.18	1.86	0.40	1.12	9.05

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
68-9-16	6979	45°09.0' N	60°04.8' W	90	02/04/68	Canso Bank	S1Sa	Sand w/gravel & mud. 20 pebbles.	44.2	55.5	0.83	-1.01	3.04	3.00	-0.19	1.46
68-9-17	6973	45°09.0' N	60°05.0' W	81	02/04/68	Canso Bank	S1Sa	Gravel w/sand & mud. 10 pebbles. Very gravelly, some sand, very little mud.	14.9	85.1	1.15	0.61	1.48	0.65	-0.76	4.59
68-9-18	7265	45°05.0' N	60°00.5' W	137	02/04/68	E of Canso Bank	SSb	Mud w/sand & gravel. 4 pebbles.	17.8	73.4	1.74	1.12	3.64	0.70	-0.07	4.11
68-9-19	7267	45°06.0' N	59°59.6' W	139	02/04/68	E of Canso Bank	ES	Mud w/ sand & gravel. Approx 10 pebbles.	13.6	70.9	2.35	2.33	3.41	0.70	0.24	4.69
68-9-20	6975	45°07.0' N	59°59.0' W	135	02/04/68	E of Canso Bank	ES	Mud w/gravel & sand. 8 pebbles.	1.0	86.7	2.59	3.11	2.11	0.40	1.15	9.82
68-9-21	7268	45°07.5' N	59°58.0' W	132	02/04/68	E of Canso Bank	SS	Mud w/sand.	0.5	89.6	2.36	2.77	2.12	0.45	1.37	10.95
68-9-22	1266	45°09.5' N	59°57.5' W	165	02/04/68	E of Canso Bank	SSb	Mud w/gravel & sand. Approx 30 pebbles.	21.6	58.6	2.14	1.88	3.89	1.25	0.17	3.40
68-9-23	7264	45°11.0' N	59°57.5' W	155	02/04/68	E of Canso Bank	SSb	Gravel. Some mud present. Only 2 bags of sample from 3 attempts. No sand adhering to rock particles. 12 pebbles & 2 cobbles.	93.7	4.5	-5.35	-4.62	2.36	0.35	1.70	15.24
68-9-24	6974	45°14.5' N	59°56.5' W	150	02/04/68	E of Canso Bank	LCb	Mud w/sand & gravel. 2 pebbles w/sand grains adhering to rock particles.	3.7	62.3	2.89	4.07	3.44	1.75	0.42	3.91
68-9-25	7200	45°18.0' N	59°56.5' W	152	02/04/68	NE of Canso Bank	LCb	Mud w/gravel. One cobble.	0	18.3	5.79	6.34	2.80	1.30	0.55	4.13

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt Clay							
68-9-26	7273	45°18.0' N	59°56.0' W	146	02/04/68	NE of Canso Bank	SSD	Sand w/mud.	1	73.4	17.8	7.9	2.72	3.66	2.55	0.90	0.84	6.26
68-9-27	7185	45°22.0' N	59°56.0' W	154	02/04/68	NE of Canso Bank	SSD	Mud w/sand.	0	29.4	51.2	19.4	5.37	5.88	2.81	1.70	0.48	3.47
68-9-28	7196	45°24.0' N	59°55.5' W	163	02/04/68	NE of Canso Bank	LCb	Mud.	0	5.7	79.1	15.2	5.58	6.18	2.23	0.80	0.78	5.68
68-9-29	7197	45°27.5' N	59°59.0' W	175	02/04/68	NE of Canso Bank	SSD	Mud.	11.4	38.5	40.8	9.3	4.00	3.81	3.76	1.25	-0.19	4.29
68-9-30	7134	45°28.0' N	59°59.5' W	150	02/04/68	NE of Canso Bank	SSD	Mud w/gravel & sand.	2.5	57.6	30.4	9.5	3.51	4.21	2.63	1.55	0.35	4.24
68-9-31	7135	45°29.0' N	59°59.0' W	155	02/04/68	S of Louisbourg	SS	Mud.	0.3	61.1	24.3	14.3	3.56	4.61	2.83	1.30	0.76	4.64
68-9-32	7198	45°30.5' N	59°57.5' W	165	02/04/68	S of Louisbourg	SS	Gravel & sand. 7 or 8 pebbles.	66.6	25.4	5.4	2.6	-2.80	-1.27	3.49	2.75	0.58	3.57
68-9-33	7272	45°33.5' N	59°57.0' W	165	02/04/68	S of Louisbourg	LC	Sand & mud.	3.8	24.2	6	12	4.81	5.13	2.89	1.30	-0.28	6.38
68-9-34	7199	45°36.0' N	59°57.0' W	168	02/04/68	S of Louisbourg	LC	Mud.	0	9.3	72.1	18.6	5.56	6.28	2.54	1.20	0.71	4.87
68-9-35	7140	45°42.0' N	59°57.0' W	127	02/04/68	S of Louisbourg	SSb	Gravel w/sand & mud. 3 cobbles & approx 30 pebbles.	53.9	25.7	14.4	6	-1.79	-0.16	4.77	4.05	0.35	2.56
68-9-36	7132	45°44.0' N	59°55.0' W	117	02/04/68	S of Louisbourg	SSb	Mud w/gravel & sand. 3 cobbles & approx 20 pebbles.	48.6	26.1	17.3	8.1	2.84	0.14	5.59	4.70	0.21	2.00
68-9-37	7131	45°45.0' N	59°53.0' W	110	02/04/68	S of Louisbourg	ESb	Mud w/sand.	0.6	75.7	15.3	8.4	3.32	3.98	2.47	0.60	1.15	8.76
68-9-38	7133	45°46.5' N	59°54.5' W	106	02/04/68	S of Louisbourg	ES	Mud.	1.0	66.4	25.4	7.2	3.66	4.17	2.07	0.50	0.75	8.40
68-9-39	7144	45°47.0' N	59°50.5' W	93	02/04/68	S of Louisbourg	SSb	Gravel w/sand & mud. 9 cobbles & 12 pebbles.	93.6	5.2	0.8	0.5	-5.13	-4.46	2.20	0.55	1.69	15.68

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean g	Median g	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt Clay							
68-9-40	7186	45°44.0' N	59°50.0' W	117	02/04/68	S of Louisbourg	ESb	Mud w/gravel & sand. One pebble.	3.5	60.3	25.7	10.5	3.71	4.38	3.02	0.60	0.41	7.16
68-9-41	7187	45°42.0' N	59°52.0' W	125	02/04/68	S of Louisbourg	SSb	Mud w/gravel & sand.	14.4	43.4	32.5	9.7	3.72	3.57	3.67	1.10	0.06	3.89
68-9-42	7162	45°41.0' N	59°53.5' W	146	02/04/68	S of Louisbourg	SSb	Mud w/sand & gravel. 2 cobbles & 4 pebbles.	56.8	12.4	22.4	8.4	-5.10	5.86	5.00	0.30	1.85	
68-9-43	7188	45°39.0' N	59°53.5' W	150	02/04/68	S of Louisbourg	SSb	Mud.	0.1	32.5	47.4	20	4.58	5.70	3.10	1.70	0.65	4.00
68-9-44	7142	45°38.0' N	59°53.5' W	165	03/04/68	S of Louisbourg	LCb	Mud.	0.6	25.1	59.6	14.7	4.68	5.46	2.42	1.25	0.54	4.51
68-9-45	7141	45°36.5' N	59°53.5' W	160	03/04/68	S of Louisbourg	SSD	Mud w/gravel. 2-3 pebbles. 2 attempts.	3.0	35.6	47.4	14.0	4.41	5.10	2.66	1.40	0.26	4.52
68-9-46	7145	45°33.0' N	59°50.0' W	128	03/04/68	S of Louisbourg	SS	Sandy mud.	19.3	70.6	6.6	3.5	1.99	1.38	3.12	0.85	-0.13	3.62
68-9-47	7252	45°28.5' N	59°57.0' W	175	03/04/68	NE of Canso Bank	ESb	Mud.	0	57.7	33.1	9.2	3.41	4.27	2.88	1.50	0.84	5.97
68-9-48	7251	45°27.5' N	59°50.0' W	150	03/04/68	NE of Canso Bank	SSb	Sand & mud.	0.2	82	12.6	5.2	1.66	2.55	2.32	0.40	1.19	8.32
68-9-49	7143	45°27.0' N	59°50.0' W	143	03/04/68	NE of Canso Bank	ESb	Mud w/sand.	2.6	61.6	25.4	10.4	2.97	3.69	3.15	1.65	0.58	4.65
68-9-50	7161	45°26.0' N	59°50.0' W	146	03/04/68	NE of Canso Bank	ESb	Mud.	0.6	39.7	43.4	16.3	4.41	5.41	2.98	1.45	0.68	4.69
68-9-51	7146	45°24.0' N	59°50.0' W	124	03/04/68	NE of Canso Bank	SISc	Mud.	1.6	86.7	5.7	6.0	2.43	2.84	2.31	0.45	0.90	8.93
68-9-52	7253	45°22.0' N	59°50.0' W	152	03/04/68	NE of Canso Bank	SS	Mud.	0.5	53.4	35.7	10.4	3.60	4.51	2.60	1.65	0.59	4.27
68-9-53	7254	45°20.0' N	59°50.0' W	146	03/04/68	NE of Canso Bank	LCb	Mud.	0.1	14.1	75.4	10.4	5.88	5.93	1.97	0.95	0.50	5.31
68-9-54	7256	45°16.5' N	59°50.5' W	139	03/04/68	NE of Canso Bank	SS	Mud.	1.0	69.5	22.5	7.0	3.48	4.08	2.18	0.70	0.65	6.18
68-9-55	7255	45°14.5' N	59°52.0' W	115	03/04/68	E of Canso Bank	ES	Sand w/gravel. One pebble.	2.0	95.8	0.8	1.4	1.72	1.85	1.31	0.40	1.02	21.48

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Gravel	Silt	Clay						
68-9-56	7160	45°12.5' N	59°54.0' W	146	03/04/68	E of Canso Bank	SSb	Mud.	0.1	78.8	16.0	5.1	2.77	3.54	1.96	0.55	6.28
68-9-57	7275	45°10.5' N	59°48.0' W	113	03/04/68	E of Canso Bank	S1Sb	Mud.	0	90.5	6.5	3	3.13	3.31	1.27	0.50	16.48
68-9-58	7156	45°08.8' N	57°43.6' W	117	03/04/68	E of Canso Bank	SSa	Mud.	0.2	89.3	7.7	2.8	2.80	3.13	1.34	0.45	14.64
68-9-59	7276	45°05.0' N	59°50.0' W	132	03/04/68	E of Canso Bank	ES	Mud.	0	47.2	45.3	7.5	4.10	4.72	1.96	1.00	5.83
68-9-60		45°05.0' N	59°44.5' W	88	03/04/68	E of Canso Bank	S1Sb	Gravel, sand & mud. 3 cobbles & approx 30 pebbles.									
68-9-61	7274	45°05.9' N	59°41.4' W	128	03/04/68	E of Canso Bank	SS	Mud w/sand.	0	76.7	17.4	5.9	3.53	3.95	1.90	0.40	15.7
68-9-62	7129	45°06.6' N	59°43.3' W	110	03/04/68	E of Canso Bank	ES	Mud w/gravel & sand. One pebble.	4.6	86.2	6.9	2.3	3.05	2.90	1.99	0.50	11.27
68-9-63	7137	45°07.9' N	59°43.2' W	110	03/04/68	E of Canso Bank	SS	Mud w/sand.	0.6	90.3	6.7	2.4	2.75	2.98	1.36	0.50	14.90
68-9-64	7138	45°09.0' N	59°43.2' W	106	03/04/68	E of Canso Bank	S1Sa	Mud w/gravel & sand. 4 pebbles & 2 granules.	19.6	73.8	4.4	2.2	2.49	1.30	3.53	0.75	-0.48
68-9-65	7087	45°11.3' N	59°44.4' W	99	03/04/68	E of Canso Bank	SS	Sand w/gravel & sand. 30 pebbles.	25.3	72.1	1.3	1.3	1.61	0.65	2.83	1.80	-0.22
68-9-66	7139	45°13.70' N	59°43.2' W	86	03/04/68	E of Canso Bank	S1Sb	Gravel w/sand & mud. Approx 30 pebbles.	75.2	24.7			-4.29	-3.02	2.76	1.90	0.51
68-9-67	7130	45°18.50' N	59°43.10' W	130	03/04/68	E of Canso Bank	SS	Mud w/sand.	0	44.6	48.1	7.3	4.21	4.72	2.01	1.05	0.72
68-9-68	7088	45°20.0' N	59°42.50' W	130	03/04/68	E of Canso Bank	ESb	Mud w/sand.	0.1	59.2	29.0	11.7	3.59	4.45	2.83	1.30	0.78
68-9-69	7086	45°21.2' N	59°42.00' W	123	03/04/68	E of Canso Bank	SSD	Mud w/gravel & sand. One pebble.	15.4	74.6	6.5	3.5	1.85	1.33	3.35	0.65	-0.32

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
68-9-70	7089	45°21.8' N	59°42.5' W	130	03/04/68	NE of Canso Bank	SS	Mud w/sand.	2.6	79.0	11.3	7.1	2.58	3.11	2.48	0.65	6.29	
68-9-71	7090	45°23.0' N	59°43.0' W	145	03/04/68	NE of Canso Bank	LC	Mud w/sand.	0	7.2	82.3	10.5	5.52	5.81	1.69	0.35	6.49	
68-9-72	7091	45°24.0' N	59°44.0' W	139	03/04/68	NE of Canso Bank	SSD	Mud w/sand. Approx 24 granules. Jaws partially open.	7.1	44.6	27.4	20.9	3.82	4.60	3.91	2.45	0.15	2.93
68-9-73	7206	45°25.0' N	59°44.5' W	128	03/04/68	NE of Canso Bank	SSD	Mud w/sand & gravel. One cobble.	28.4	54.5	9.6	7.5	1.78	1.38	4.08	2.95	0.23	3.21
68-9-74	7219	45°27.0' N	59°43.0' W	137	03/04/68	NE of Canso Bank	LCb	Mud w/sand.	0.6	30.3	54.1	15.0	4.76	5.48	2.85	1.35	0.64	4.91
68-9-75	7208	45°29.0' N	59°41.0' W	159	03/04/68	NE of Canso Bank	LC	Sandy mud.	0	7.1	73.7	19.2	5.59	6.37	2.55	1.25	0.72	4.81
68-9-76	7205	45°31.0' N	59°45.0' W	168	03/04/68	NE of Canso Bank	LC	Sand & mud w/gravel. 30 pebbles.	29.1	37.2	27.2	6.5	2.34	1.83	4.25	3.60	0.00	2.27
68-9-77	7218	45°32.4' N	59°43.0' W	178	03/04/68	NE of Canso Bank	ES	Mud w/sand & gravel. One pebble & approx 24 granules.	0.4	69.2	18.9	11.5	2.84	3.91	3.12	1.25	0.92	5.97
68-9-78	7210	45°35.5' N	59°44.6' W	154	03/04/68	S of Louisbourg	SSD	Mud w/sand.	0.1	39.5	43.0	17.4	4.42	5.47	2.95	1.45	0.73	4.56
68-9-79	7207	45°38.7' N	59°43.5' W	121	03/04/68	S of Louisbourg	SS	Sand w/mud & gravel. Six pebbles & approx 20 granules.	6.3	90.0	1.7	2.0	1.89	1.82	1.76	0.55	0.27	10.14
68-9-80	7220	45°43.0' N	59°44.5' W	146	03/04/68	S of Louisbourg	LC	Mud.	0	31.4	49.4	19.2	4.66	5.77	2.84	1.65	0.70	4.27
68-9-81	7221	45°44.0' N	59°45.0' W	119	03/04/68	S of Louisbourg	SSb	Gravel w/sand & mud. Till unit. 50 pebbles.	61.8	21.5	10.7	6.0	-3.48	-0.79	4.82	4.00	0.43	2.52
68-9-82	7302	45°46.0' N	59°43.5' W	117	03/04/68	SE of Louisbourg	ESb	Mud w/sand & gravel. 4 pebbles.	0	65.2	28	6.8	3.69	4.28	1.90	0.55	1.15	8.23

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Silt	Clay							
68-9-83	7303	45°47.0' N	59°36.0' W	124	03/04/68	SE of Louisbourg	SSb	Mud.	4.1	75.7	11.5	8.7	3.10	3.60	2.94	0.65	0.44	7.25
68-9-84	7301	45°46.0' N	59°37.0' W	128	03/04/68	SE of Louisbourg	ESb	Mud w/gravel. 3-4 pebbles.	5.2	68.6	17.2	9.0	3.24	3.69	3.12	0.75	0.24	6.34
68-9-85	7304	45°45.0' N	59°37.5' W	135	03/04/68	SE of Louisbourg	ESb	Mud w/gravel. 3-4 small pebbles.	0	59.5	28.3	12.2	3.78	4.80	2.51	0.85	0.96	6.06
68-9-86	7209	45°43.0' N	59°39.0' W	139	03/04/68	SE of Louisbourg	SSD	Mud w/sand & gravel. 5-6 pebbles.	8.7	43.5	35.6	12.2	3.94	4.31	3.74	0.85	-0.04	4.98
68-9-87	7207	45°41.0' N	59°36.0' W	165	03/04/68	SE of Louisbourg	SSD	Mud w/sand & gravel. One cobble.	0.1	79.7	15.2	5.0	2.84	3.28	2.03	0.85	1.15	9.22
68-9-88	7148	45°37.1' N	59°36.0' W	172	03/04/68	SE of Louisbourg	SSD	Mud w/gravel. 6 pebbles.	5.1	38.0	37.4	19.5	4.27	5.13	3.80	1.55	0.15	4.27
68-9-89	7029	45°34.0' N	59°36.0' W	238	03/04/68	SE of Louisbourg	ES	Mud w/gravel & sand. 20 pebbles.	17.9	46.3	24.5	11.2	3.42	3.17	4.34	1.35	-0.07	3.19
68-9-90	7028	45°32.05' N	59°36.05' W	176	03/04/68	SE of Louisbourg	SS	Mud.	0	34.2	53.0	12.8	5.09	5.45	2.34	1.50	0.49	3.82
68-9-91	7030	45°31.0' N	59°37.0' W	128	03/04/68	SE of Louisbourg	SSb	Sand & mud w/gravel. 5 pebbles.	11.0	80.0	5.1	3.9	1.75	1.60	2.77	0.65	-0.03	5.24
68-9-92	7147	45°30.0' N	59°38.0' W	157	03/04/68	NE of Canso Bank	LC	Mud & sand w/gravel.	10.9	58.1	24.4	6.6	2.66	2.82	3.34	1.45	-0.03	4.00
68-9-93	7149	45°28.0' N	59°36.1' W	135	03/04/68	NE of Canso Bank	SSa	Mud w/sand & gravel. 2 cobbles.	86.2	9.7	2.4	1.6	-5.43	-4.19	3.38	0.25	1.20	7.65
68-9-94	7031	45°26.0' N	59°36.1' W	135	03/04/68	NE of Canso Bank	LCb	Sandy mud.	0.1	74.1	16.0	9.8	3.49	4.17	2.37	0.50	1.03	6.92
68-9-95	7305	45°25.0' N	59°36.1' W	176	03/04/68	NE of Canso Bank	SSD	Mud.	0	5.0	71.2	23.8	5.86	6.76	2.65	1.45	0.65	4.10

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
68-9-96	7306	45°25.0' N	59°36.5' W	128	03/04/68	NE of Canso Bank	SSD	Sand & mud w/gravel. 1 cobble & 6 pebbles.	39.7	48.2	7.7	4.4	1.87	0.13	4.49	4.25	0.03	2.02
68-9-97	7215	45°23.5' N	59°35.0' W	110	03/04/68	NE of Canso Bank	S1Sa	Sand & mud w/gravel. 4-6 pebbles.	3.0	87.6	5.6	3.8	2.33	2.51	2.13	0.70	0.39	9.49
68-9-98		45°20.0' N	59°36.0' W	110	04/04/68	NE of Canso Bank	SS	Sand.	0.2	95.0	3.0	1.8	2.49	2.56	1.29	0.40	1.33	16.22
68-9-99		45°15.0' N	59°36.0' W	99	04/04/68	E of Canso Bank	S1Sb	Gravel. 2 cobbles. Organic growth on upper part of rock frags. Sand grains adhering to rock particles.										
68-9-100	7216	45°10.0' N	59°36.0' W	100	04/04/68	E of Canso Bank	S1Sa	Sand.	6.6	92.4			1.95	1.69	1.43	0.50	-1.24	9.53
68-9-101		45°07.5' N	59°36.0' W	100	04/04/68	E of Canso Bank	SS	Sand w/gravel. 1 small pebble.										
68-9-102	7150	45°06.0' N	59°36.5' W	132	04/04/68	E of Canso Bank	ES	Mud w/sand & gravel. 1 cobble & 2 pebbles.	0	84.7	10.8	4.5	3.25	3.57	1.74	0.55	1.56	13.57
68-9-103	7152	45°03.5' N	59°37.0' W	128	04/04/68	E of Canso Bank	SS	Sandy mud.	0	76.7	16.0	7.3	3.56	4.10	1.92	0.35	1.31	9.37
68-9-104	7217	45°03.0' N	59°36.5' W	165	04/04/68	E of Canso Bank	ES	Muddy sand.	0.2	91.3	5.1	3.4	2.54	2.85	1.49	0.30	1.57	14.10
68-9-105		45°00.0' N	59°38.5' W	150	04/04/68	E of Canso Bank	ES											
68-9-106	7154	44°55.0' N	59°40.5' W	186	04/04/68	SE of Canso Bank	ES	Mud.	0.7	74.7	15.1	9.5	2.65	3.70	2.81	0.90	0.93	6.17
68-9-107	7050	44°50.0' N	59°45.0' W	274	04/04/68	SE of Canso Bank	ES	Mud.	0	76.0	12.2	11.8	2.84	4.09	2.87	0.70	0.93	5.55
68-9-108	7051	44°45.0' N	59°43.5' W	201	04/04/68	SE of Canso Bank	LC	Mud.	1.0	3.04	45.3	23.3	5.62	6.13	3.41	2.10	0.34	3.43
68-9-109	7049	44°40.0' N	59°45.0' W	210	04/04/68	NW Banquereau Bank	LC	Mud.	0	8.0	61.0	31.0	6.48	7.23	3.02	2.00	0.43	3.00

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt Clay						
68-9-110	7155	44°35.0' N	59°42.0' W	91	04/04/68	W Banquereau Bank	SLSa	Sand.	1.8	98.0		2.51	2.41	0.88	0.25	-2.84	39.49
68-9-111	7153	44°35.0' N	59°32.0' W	70	04/04/68	Banquereau Bank	SLSa	Sand.	1.7	98.3		1.16	1.01	0.74	0.50	-0.74	7.39
68-9-112	7202	44°35.0' N	59°21.0' W	62	04/04/68	Banquereau Bank	SISb	Sand w/gravel. 2 cobbles. 30 pebbles.	66	34		-3.96	-2.82	2.80	2.80	0.22	1.53
68-9-113	7053	44°40.0' N	59°20.0' W	148	04/04/68	N edge of Banquereau Bank	SS	Mud.	15.3	58.8	16.9	2.79	2.58	4.34	1.20	-0.08	3.61
68-9-114	7285	44°45.0' N	59°20.0' W	165	04/04/68	N of Banquereau	SS	Sandy mud.	0.3	86.0	7.4	2.54	3.16	2.30	0.40	1.33	10.14
68-9-115	7287	44°50.0' N	59°19.0' W	161	04/04/68	N of Banquereau	SSa	Mud.	0.1	81.7	10.5	2.69	3.56	2.40	0.50	1.18	8.02
68-9-116	7286	44°55.0' N	59°20.0' W	192	04/04/68	N of Banquereau	SS	Mud.	0	33.5	57.4	6.27	5.72	2.63	1.60	0.59	5.38
68-9-117		45°00.0' N	59°20.5' W	139	04/04/68	N of Banquereau	LC	Mud w/sand & gravel.	0	87.3	7.6	2.61	3.17	1.95	0.35	1.48	11.65
68-9-118	7054	45°05.0' N	59°21.5' W	161	04/04/68	N of Banquereau	ESb	Mud w/gravel. 3 pebbles.	0	51.1	35.8	3.92	4.80	2.67	1.75	0.58	3.72
68-9-119	7288	45°07.0' N	59°21.0' W	110	04/04/68	N of Banquereau	SS	Mud.	0	88.8	6.8	2.69	3.16	1.64	0.40	1.64	13.84
68-9-120	7201	45°12.0' N	59°21.5' W	84	04/04/68	Misaine Bank	SISb	Gravel w/sand & mud. Four cobbles & approx 20 pebbles.	97.6	2.4		-5.43	-5.23	1.16	0.25	2.64	32.49
68-9-121		45°17.0' N	59°21.5' W	99	04/04/68	Misaine Bank	SISb	Gravel w/sand. 2 cobbles & 16 pebbles.									
68-9-122	7290	45°19.3' N	59°18.4' W	139	04/04/68	Misaine Bank	SS	Sandy mud.	0	86.4	9.3	2.95	3.36	1.59	0.50	1.53	13.03
68-9-123	7289	45°19.9' N	59°19.7' W	95	04/04/68	Misaine Bank	SS	Muddy sand. Approx 16 granules.	4.2	94.1	0.8	1.35	1.24	1.32	0.35	0.64	19.15

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Silt	Clay							
68-9-124	7007	45°21.8' N	59°21.5' W	100	04/04/68	Misaine Bank	SISb	Gravel w/sand & mud. 24 pebbles.	74.3	24.9	0.4	0.4	-4.25	-2.76	3.10	2.80	0.58	3.07
68-9-125	7211	45°27.0' N	59°21.5' W	88	04/04/68	N of Misaine Bank	SISa	Gravel & sand. 24 pebbles.	49.5	50.3			-0.73	-0.88	3.14	2.95	-0.10	1.39
68-9-126	7280	45°32.0' N	59°22.0' W	128	04/04/68	S of St. Anne's Bk	SSa	Sand.	0	91.2	5.3	3.5	1.83	2.33	1.70	0.55	1.41	11.41
68-9-127	7005	45°36.0' N	59°19.0' W	137	04/04/68	S of St. Anne's Bk	SISc	Sand w/gravel. 8 small pebbles.	13.2	83.0	2.1	1.7	1.31	1.03	1.98	0.55	0.33	8.56
68-9-128	7004	45°37.0' N	59°21.5' W	139	04/04/68	S of St. Anne's Bk	SS	Sand & mud.	0.3	83.4	11.4	4.9	3.23	3.52	1.85	0.55	1.31	11.40
68-9-129		45°43.0' N	59°22.0' W	174	04/04/68	S of St. Anne's Bk	SSD	Gravel w/sand. Not enough sand to keep, rocks thrown back. Organic growth on upper part of rocks. 1 boulder & 1 cobble.										
68-9-130	7006	45°47.0' N	59°22.0' W	139	04/04/68	S of St. Anne's Bk	ESa	Mud.	0	56.2	31.0	12.8	3.85	4.95	2.79	0.85	1.02	6.55
68-9-131	7003	45°47.0' N	59°14.5' W		04/04/68	S of St. Anne's Bk	SSD	Sand & mud.	4.4	57.6	27.8	10.2	3.72	4.41	3.34	0.80	0.36	6.50
68-9-132	7295	45°47.0' N	59°07.0' W	190	05/04/68	S of St. Anne's Bk	ESa	Mud.	0	24	63.6	12.5	5.22	5.61	2.16	1.20	0.63	4.59
68-9-133	7123	45°44.0' N	59°07.0' W	175	05/04/68	S of St. Anne's Bk	SSD	Mud w/gravel & sand. One cobble.	16.5	49.4	26.6	7.6	3.44	2.78	4.28	1.20	-0.29	3.45
68-9-134	7212	45°42.5' N	59°07.5' W	201	04/04/68	S of St. Anne's Bk	LC	Mud.	4.8	15.7	60.7	18.7	4.93	5.56	3.55	1.35	-0.10	5.19
68-9-135	7039	45°39.5' N	59°07.5' W	220	04/04/68	S of Scatarie Bank	LC	Mud.	0	18.1	58.1	23.8	5.43	6.43	3.08	1.70	0.57	3.57

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quant Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
68-9-159	6998	45°22.30'N	59°00.0' W	115	06/04/68	N edge of Misaine Bank	SS	Gravel w/sand. One cobble. 24 pebbles & 16 granules.	67.7	31.4	0.4	0.5	-4.73	-2.74	3.44	3.30	0.43	2.41
68-9-160	7193	45°25.25'N	59°00.0' W	110	06/04/68	N edge of Misaine Bank	SLSa	Sand w/gravel. 4 pebbles. 2 attempts.	37.4	62.4			1.62	-0.30	3.25	3.40	-0.23	1.32
68-9-161	7074	45°26.75'N	59°00.0' W	113	06/04/68	N of Misaine Bank	SSa	Sand w/mud.	2.3	93.5	2.1	2.1	2.45	2.45	1.58	0.30	0.04	16.42
68-9-162	7194	45°32.00'N	59°00.0' W	146	06/04/68	N of Misaine Bank	SSa	Muddy sand.	1.2	88.5	6.7	3.6	2.54	2.83	1.68	0.35	0.95	10.90
68-9-163		45°37.0' N	59°00.5' W	172	06/04/68	N of Misaine Bank	ESb	Mud.	1.5	59.6	25.3	13.6	3.72	4.70	3.07	0.90	0.72	5.70
68-9-164		45°42.0' N	59°00.5' W	263	06/04/68	N of Misaine Bank	LC	Mud.	0.7	10.8	69.8	18.7	6.27	6.42	2.31	0.95	0.07	5.32
68-9-165	7001	45°47.0' N	59°00.5' W	220	06/04/68	SE of Scatarie Bank	ESa	Mud.	0	20.2	53.3	26.5	5.42	6.48	3.10	2.00	0.51	3.20
68-9-166		45°47.0' N	58°53.0' W	208	06/04/68	SE of Scatarie Bank	SSD	Sandy gravel. Small amount of sand. Some sandy mud adhering to cobbles. Organic growth on upper part of rock frags. 4 cobbles. No sample retained. 2 attempts, 1 open.										
68-9-167	7000	45°42.0' N	58°52.5' W	234	06/04/68	N of Misaine Bank	ES	Sandy mud.	0	11.2	72.8	16.0	4.73	5.82	2.72	1.15	0.84	5.40
68-9-168	7002	45°37.0' N	58°53.0' W	198	06/04/68	N of Misaine Bank	LC	Mud.	0	42.4	34.1	23.5	4.79	5.82	3.54	2.40	0.50	3.05
68-9-169	7195	45°34.0' N	58°53.0' W	135	06/04/68	N of Misaine Bank	SS	Sand & gravel w/some mud. 3 cobbles & 20 pebbles. Sand grains adhering to rocks. 2 attempts.	70.4	26.8	1.8	1.0	-5.27	-3.04	3.75	3.45	0.55	2.85

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
68-9-170	7190	45°33.0' N	58°53.0' W	119	06/04/68	N of Misaine Bank	SISb	Sandy gravel. 1st attempt: 5 pebbles & some sand. 2nd attempt: 1 cobble. 3rd attempt: nothing.	92.1	7.9		-5.46	1.94	0.20	1.49	10.38		
68-9-171	7118	45°31.0' N	58°53.0' W	119	06/04/68	NE of Misaine Bank	SISc	Muddy sand.	0	94.9	2.7	2.4	1.31	0.35	1.80	19.05		
68-9-172	6999	45°29.0' N	58°53.0' W	106	06/04/68	N Misaine Bank	SISc	Gravel w/sand & mud. 1 cobble & 8 pebbles.	70.9	29.0		-5.20	3.31	3.30	0.45	1.94		
68-9-173	7120	45°27.0' N	58°53.0' W	106	06/04/68	N Misaine Bank	SISa	Muddy sand.	4.9	94.8		2.44	1.44	0.25	-1.93	17.16		
68-9-174	7119	45°22.5' N	58°53.0' W	84	06/04/68	Misaine Bank	SISb	Sandy gravel. 4 pebbles & 10 granules. Organic growth on upper portion of fragments. 2 attempts.	95.7	4.3		-5.44	1.55	0.25	1.92	17.48		
68-9-175	7121	45°20.0' N	58°54.0' W	99	06/04/68	Misaine Bank	SS	Muddy sand & gravel. 2 cobbles & 30 pebbles.	79.9	19.4	0.3	0.4	-4.60	3.06	1.15	0.71	3.85	
68-9-176	7122	45°17.0' N	58°53.0' W	120	06/04/68	Misaine Bank	SISa	Sand & gravel. 2 pebbles.	31.9	64.6	2.3	1.3	2.05	3.89	3.95	-0.25	1.91	
68-9-177	7066	45°15.0' N	58°53.5' W	84	07/04/68	Misaine Bank	SISa	Gravel & sand. 25 pebbles. 2 attempts.	48.1	51.5		0.84	-1.15	3.28	3.25	-0.05	1.19	
68-9-178		45°12.0' N	58°53.0' W	91	07/04/68	Misaine Bank	SISb	No sample. Gravel. 1 pebble. 2 attempts, 1 open.										
68-9-179	7071	45°07.0' N	58°53.0' W	81	07/04/68	Misaine Bank	SISb	Sand & gravel. 1 cobble. 15 pebbles. 2 attempts.	53	46.4								
68-9-180	7293	45°04.0' N	58°53.0' W	128	07/04/68	Southern Misaine Bk	SISa	Sand w/gravel. 5 cobbles. 25 pebbles. 2 attempts.	15.1	82.7	1.1	1.1	1.84	1.14	2.41	0.75	-0.43	4.89

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
68-9-181	7292	45°02.0' N	58°55.0' W	106	07/04/68	Southern Misaine Bk	SISa	Sand w/gravel. 5 pebbles.	18.4	80.8		2.34	1.00	2.87	1.00	-0.72	3.44	
68-9-182	7069, 7203	44°59.5' N	58°55.0' W	124	07/04/68	S of Misaine Bank, dissected area.	ESa	Muddy sand.	3.8	88.6	4.9	2.6	2.75	2.00	0.75	-0.19	8.86	
68-9-183	7019	44°55.0' N	58°50.5' W	183	07/04/68	S of Misaine Bank, dissected area.	SS	Mud.	0	76.2	19.0	9.8	3.45	2.46	0.50	1.21	8.38	
68-9-184	7291	44°50.0' N	58°45.5' W	281	07/04/68	S of Misaine Bank, dissected area.	SS	Mud.	0.7	57.4	30.8	11.1	3.78	2.77	0.95	0.88	6.82	
68-9-185	7169	44°45.0' N	58°39.0' W	88	07/04/68	N of Banquereau Bk	SISa	Sand w/gravel. One cobble. 8 pebbles. Organic growth on upper part of rock frags.	18.0	81.9		1.36	0.58	2.10	0.65	-0.74	3.92	
68-9-186	7072	44°40.0' N	58°37.0' W	91	07/04/68	Banquereau Bank	SISa	Sand w/gravel. 5 pebbles.	2.5	97.4		2.01	1.84	1.03	0.50	-1.49	15.58	
68-9-187		44°41.5' N	58°30.0' W	190	07/04/68	N edge of Banquereau Bank	SSa	Mud. Grainsize missing.										
68-9-188	7041	44°41.5' N	58°41.5' W	91	07/04/68	N central of Banquereau Bank	SSa	Sand & gravel. 3 cobbles. Jaws open.	82.5	17.5		-4.9	-3.83	2.59	0.70	0.76	3.69	
68-9-189	7040	44°43.0' N	58°43.0' W	153	07/04/68	N central of Banquereau Bank	SS	Sand w/mud & gravel. Few small pebbles.	0.2	94.6	2.8	2.4	2.52	1.30	0.30	1.71	19.04	
68-9-190	7042	44°42.0' N	58°46.0' W	95	07/04/68	N edge of Banquereau Bank	SISa	Gravel. One cobble. 30 pebbles. 2 attempts. Jaws open.	42.7	56.4	0.3	0.7	0.95	-1.03	3.32	3.10	-0.03	1.85
68-9-191	7203	44°41.0' N	58°52.5' W	150	07/04/68	N central edge of Banquereau Bank	SS	Mud w/gravel & sand. One pebble.	0.1	91.6	4.9	3.4	2.64	1.51	0.35	1.78	16.93	

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
68-9-192	7044	44°40.0' N	58°59.0' W	229	07/04/68	N edge of Banquereau Bank, dissected area.	ESa	Mud.	0	29.4	50.4	20.2	5.47	6.05	3.08	1.70	0.57	3.84
68-9-193	7043	44°40.0' N	58°57.5' W	146	07/04/68	N edge of Banquereau Bank, dissected area.	ES	Mud w/gravel & sand. 10 pebbles. 3 attempts. Jaws open.	13.0	83.5	1.7	1.8	2.41	1.75	2.52	0.40	-0.48	5.42
68-9-194	7013	44°40.0' N	59°07.0' W	95	07/04/68	N edge of Banquereau Bank,	SS	Sand w/gravel. One bag of sample only. One pebble. 3 attempts.	15.4	83.7	0.2	0.8	1.58	0.78	2.67	0.55	-0.67	4.96
68-9-195	7170	44°40.0' N	58°09.5' W	102	07/04/68	N of Banquereau Bk, dissected area.	SLSa	Muddy sand.	14.3	85.7			0.95	0.53	1.40	0.65	-0.73	4.59
68-9-196	7172	44°40.5' N	59°13.0' W	212	07/04/68	Dissected area.	ES	Mud.	0	49.3	40.7	10.0	4.03	4.89	2.42	1.20	0.85	6.02
68-9-197	7173	44°40.0' N	59°15.0' W		07/04/68	Dissected area.	ES	Sand w/gravel. 5 pebbles.	5.2	92.1	1.1	1.6	1.47	1.41	1.62	0.40	0.50	13.44
68-9-198	7171	44°40.0' N	59°16.5' W	160	07/04/68	Dissected area.	ES	Sandy mud.	2.6	90.8	3.6	3.0	1.48	1.75	1.89	0.65	1.04	9.56
68-9-199	7068	44°40.0' N	59°18.5' W	172	07/04/68	S of Misaine Bank, dissected area.	SS	Mud w/gravel. 4 pebbles.	1.2	80.2	12.0	6.6	2.43	3.08	2.46	0.60	0.84	6.51
68-9-200	7070	44°40.0' N	59°23.5' W	106	07/04/68	N edge of Banquereau Bank	SS	Gravel, sand & mud.	72.5	25.6	0.8	1.1	-5.33	-3.35	3.56	3.05	0.65	3.55
68-9-201	7067	44°40.0' N	59°26.5' W	104	07/04/68	N edge of Banquereau Bank	SS	Sand & mud & some gravel.	0.4	95.2	2.1	2.3	1.67	1.88	1.54	0.55	1.44	14.55
68-9-202	7257	44°39.5' N	59°28.0' W	139	07/04/68	N edge of Banquereau Bank	SS	Mud w/gravel & sand. 1 cobble & 10 pebbles. Jaws open.	10.0	79.4	7.1	3.5	1.57	1.60	2.63	0.50	0.20	6.26

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
68-9-203	7104	44°40.0' N	59°29.0' W	110	07/04/68	NW edge of Banquereau Bank	LC	Mud w/sand & gravel. One cobble & 5 pebbles. Organic growth on upper part of rock fragments. Jaws open.	42.2	51.9	2.1	3.8	1.11	-0.43	3.92	3.35	0.14	2.40
68-9-204	7174	44°40.0' N	59°34.0' W	205	07/04/68	NW edge of Banquereau Bank	ES	Sandy mud.	0	40.7	36.4	22.9	5.00	5.89	3.24	2.2	0.50	3.19
68-9-205	7103	44°30.0' N	59°34.5' W	205	07/04/68	NW edge of Banquereau Bank	ES	Sandy mud.	0.3	68.6	15.2	15.9	2.88	4.22	3.18	1.70	0.68	3.90
68-9-206		44°40.0' N	59°37.25' W	180	07/04/68	NW edge of Banquereau Bank	SS	Sandy mud.	0	80.3	9.9	9.8	2.65	3.43	2.52	0.90	0.92	5.61
68-9-207	7107	44°40.0' N	59°40.75' W	196	07/04/68	NW edge of Banquereau Bank	LC	Sandy mud.	0	12.5	58.1	29.4	6.29	6.97	2.91	1.95	0.45	3.10
68-9-208	7108	44°40.0' N	59°42.4' W	119	07/04/68	NW edge of Banquereau Bank	SS	Muddy sand.	5.3	86.1	5.5	3.2	2.71	2.66	2.21	0.55	-0.37	8.70
68-9-209	7258	44°45.0' N	59°	176	07/04/68	N of Banquereau Bk, dissected area.	SS	Mud & sand.	0	64	22.3	13.7	3.52	4.70	3.02	1.35	0.89	5.43
68-9-210	7105	44°45.0' N	59°42.25' W	82	07/04/68	N of Banquereau Bk, dissected area.	SISa	Sand.	8.6	91.2			1.39	1.08	1.19	0.40	-1.00	7.20
68-9-211	7262	44°45.0' N	59°36.0' W	203	07/04/68	Dissected area.	SS	Mud.	1.2	32.3	46.1	20.4	5.48	5.91	3.40	1.85	0.37	3.80
68-9-212	7261	44°43.0' N	59°33.0' W	114	07/04/68	Dissected area.	SS	Sand w/gravel. 12 granules. 3 attempts.	25.3	72.8	0.8	1.1	1.48	0.44	2.79	1.80	-0.26	3.28
68-9-213	7260	44°45.0' N	59°32.5' W	110	07/04/68	Dissected area.	SISb	Sand & gravel. 1 cobble & 15 pebbles.	74.5	25.5			-4.11	-2.83	2.53	2.00	0.46	2.22

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Median \bar{g}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt+Clay								
68-9-214	7178	44°45.0' N	59°27.7' W	210	07/04/68	Dissected area.	ES	Mud.	0	65.1	19.4	15.5	3.39	4.76	3.10	1.85	0.75	4.46	
68-9-215	7098	44°45.5' N	59°24.0' W	212	07/04/68	N of Banquereau Bk, dissected area.	SS	Mud.	0	66.0	14.1	19.9	3.24	4.79	3.19	2.20	0.63	3.37	
68-9-216	7259	44°45.0' N	59°16.0' W	124	07/04/68	N of Banquereau Bk, dissected area.	SISc	Sandy gravel, 4 cobbles & 4 pebbles.	85.8	14.1			-4.67	-3.94	2.31	0.45	0.94	5.02	
68-9-217	7097	44°44.0' N	59°13.0' W	161	07/04/68	Dissected area.	ES	Mud.	0	85.8	6.4	7.8	2.24	2.94	2.39	0.65	1.14	7.49	
68-9-218	7177	44°45.0' N	59°11.5' W	110	07/04/68	Dissected area.	SISb	Mud. Echo sounder unserviceable.	0	51.3	27.6	21.1	3.94	5.39	3.24	2.15	0.56	3.40	
68-9-219	7175	44°47.0' N	59°09.5' W	124	07/04/68	Dissected area.	SS	Mud & sand.	0	49.6	37.0	13.4	4.02	5.02	2.78	1.55	0.68	4.50	
68-9-220	7179	44°46.0' N	59°06.5' W	223	08/04/68	N of Banquereau Bk, dissected area.	LC	Mud.	0	66.7	17.9	15.4	3.49	4.69	3.10	1.40	0.82	4.91	
68-9-221	7100	44°35.0' N	59°14.0' W	58	07/04/68	Banquereau Bank	SISa	Sand.	1.8	97.9			1.20	1.07	0.76	0.45	-0.53	9.31	
68-9-222	7176	44°35.0' N	59°07.0' W	77	07/04/68	Banquereau Bank	SISa	Sand.	6.8	93.2			1.28	0.87	1.51	0.45	-1.38	10.30	
68-9-223		44°35.0' N	59°00.0' W	59	08/04/68	Banquereau Bank	SISa	Gravel & sand, 1 pebble.											
68-9-224	7102	44°35.0' N	58°53.0' W	62	08/04/68	Banquereau Bank	SISb	Sandy gravel, 2 cobbles, 14 pebbles.	95	5			-5.39	-4.98	1.50	0.30	1.67	13.89	
68-9-225	7099	44°35.0' N	58°38.5' W	73	08/04/68	Banquereau Bank	SISa	Sand.	3	97			1.46	1.32	0.96	0.30	-1.72	17.95	
68-9-226		44°35.0' N	58°24.5' W	55	08/04/68	Banquereau Bank	SISa	Sand.	4.4	95.6			1.40	1.14	1.17	0.30	-1.81	16.84	
68-9-227	7082	44°45.0' N	58°31.5' W	230	08/04/68	N central edge of Banquereau Bank	SS	Mud.	0	31.0	44.0	24.9	5.07	6.17	3.26	2.10	0.48	3.12	

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quant Dev	Skew	Kurt	
									Grav	Sand	Silt Clay						
68-9-237		45°30.0' N	58°38.5' W	132	08/04/68	Misaine Bank	SS	Gravel. Only 1 cobble was obtained in 3 attempts. Sample thrown back. Sand grains adhering to particles.									
68-9-238	7236	45°32.0' N	58°38.5' W	95	08/04/68	Misaine Bank	SISb	Sandy gravel. 10 pebbles. One bag of sample obtained. 2 attempts. Jaws open.	91	9		-5.34	-4.63	2.03	0.35	1.23	7.85
68-9-239		45°35.0' N	58°38.5' W	88	08/04/68	N of Misaine Bank	SISb	Gravel. 3 cobbles. 1 granule. Sand grains adhering to rock particles. 2 attempts. Jaws open.									
68-9-240	7234	45°36.5' N	58°38.5' W	300	08/04/68	N of Misaine Bank	ES	Gravel in mud. 4 cobbles. 10 pebbles.	56.8	26.1	14.2	-3.80	-1.26	4.77	3.90	0.31	1.96
68-9-241	7281	45°37.0' N	58°46.0' W	135	08/04/68	N of Misaine Bank	SISa	Muddy sand. 2 attempts.	0	97.5	1.0	2.28	2.32	1.11	0.40	2.18	28.37
68-9-242	7078	45°35.0' N	58°46.0' W	128	08/04/68	N edge of Misaine Bank	SS	Sand.	1.3	96.2	0.8	1.89	1.99	1.33	0.55	1.39	18.88
68-9-243	7235	45°32.5' N	58°46.0' W	194	08/04/68	N edge of Misaine Bank	SS	Mud & sand.	0.2	95.0	3.0	2.57	2.88	1.47	0.30	1.68	15.15
68-9-244	7237	45°31.0' N	58°46.0' W	80	08/04/68	Misaine Bank	SISb	Sandy gravel. 12 pebbles.	81.3	18.7		-4.45	-3.37	2.68	0.65	0.71	3.36
68-9-245	7247	45°27.0' N	58°46.0' W	80	08/04/68	Misaine Bank	SISb	Gravel & sand. 8 pebbles.	91	9		-5.31	-4.55	2.29	0.40	1.30	8.23
68-9-246	7250	45°24.5' N	58°46.0' W	91	08/04/68	Misaine Bank	SS	Gravel & sand. 1 scallop. 8 pebbles. 1 cobble.	99.3	0.7		-5.40	-5.27	0.79	0.25	2.76	45.96

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt Clay							
68-9-247	7250	45°23.0' N	58°46.0' W	91	08/04/68	Misaine Bank	SISb	Gravel & sand. 15 pebbles.	99.3	0.7		-5.40	-5.27	0.79	0.25	2.76	45.96	
68-9-248	7085	45°22.25' N	58°45.5' W	84	08/04/68	Misaine Bank	SISb	Gravel & sand. 8 pebbles.	97	3		-5.32	-4.96	1.39	0.35	1.94	19.63	
68-9-249	7284	45°20.0' N	58°46.0' W	80	08/04/68	Misaine Bank	SISa	Sand.	28.3	71.7		1.31	-0.01	2.72	1.80	-0.57	2.75	
68-9-250	7239	45°16.5' N	58°46.0' W	78	08/04/68	Misaine Bank	SISb	Gravel & sand.	97.4	2.6		-4.59	-4.44	1.20	0.40	1.72	18.33	
68-9-251	7283	45°15.0' N	58°46.0' W	79	08/04/68	Misaine Bank	SISb	Gravel & sand.	83.7	15.3	0.4	0.6	-4.34	-3.36	2.68	0.80	0.94	6.27
68-9-252	7238	45°12.0' N	58°46.0' W	95	08/04/68	Misaine Bank	SISb	Gravel & sand. 1 cobble & 20 pebbles.	61	38.8		-4.36	-2.25	3.50	3.50	0.21	1.31	
68-9-253	7282	45°10.0' N	58°46.0' W	99	08/04/68	Misaine Bank	SISb	Gravel & sand. 6-8 pebbles.	71.3	27.2	0.8	0.7	-4.25	-2.44	3.21	2.85	0.59	3.12
68-9-254	7224	45°05.0' N	58°46.0' W	77	08/04/68	Misaine Bank	SISa	Gravel & sand. 5 pebbles.	46.9	53.1		0.07	-1.78	3.19	3.25	-0.06	1.15	
68-9-255	7226	44°59.5' N	58°46.0' W	102	08/04/68	S edge of Misaine Bank	SS	Sandy gravel. 1 cobble. 10 pebbles. Organic growth on frags on upper part. Sand grains adhering to rock particles. 2 attempts. Jaws open.	55.4	44.6		-5.11	-2.32	3.51	3.50	0.11	1.12	
68-9-256		44°59.5' N	58°46.0' W	104	08/04/68	S edge of Misaine Bank	SS	Gravel. 12 pebbles. Some sand adhering to pebbles. Sample thrown back. 2 attempts, 1 open.										
68-9-257	7225			113	08/04/68	S Misaine Bank	SISb	Sandy gravel. 15 pebbles. Sand grains adhering to rock particles. 2 attempts.	71.4	28.4		-4.18	-2.71	2.84	2.65	0.45	2.17	

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt Clay						
68-9-258	7163	44°59.25'N	58°57.0' W	106	08/04/68	S of Misaine Bank	SS	Sandy gravel. 3 pebbles.	26.4	72.5	0.8	2.32	0.78	2.97	2.95	-0.49	2.16
68-9-259		44°58.0' N	59°02.0' W	106	08/04/68	S of Misaine Bank, dissected area.	ES	Sand w/mud & gravel. 20 pebbles.	30.5	67.7	1.0	1.20	-0.10	2.85	2.65	-0.16	2.86
68-9-260	7228	44°58.5' N	59°03.0' W	84	08/04/68	S of Misaine Bank	SISb	Sandy gravel. 5 pebbles. Sand grains adhering to rock particles. Jaws open.	84.4	15.6		-5.12	-4.09	2.52	0.55	0.89	4.51
68-9-261	7227	45°00.0' N	59°16.0' W	139	08/04/68	S edge of Misaine Bank	SISc	Mud.	0.7	80.3	12.0	2.63	3.34	2.46	0.65	1.00	7.63
68-9-262	7223	45°00.0' N	59°22.0' W	110	09/04/68	S of Misaine Bank, dissected area.	ES	Sand & gravel. One pebble.	1.2	92.5	3.6	2.47	2.64	1.47	0.30	1.07	16.39
68-9-263	7230	44°59.0' N	59°25.5' W	183	09/04/68	Dissected area	ES	Mud.	0	55.5	28.3	3.77	5.10	3.05	1.80	0.71	4.32
68-9-264	7182	45°01.0' N	59°31.0' W	183	09/04/68	Dissected area	SS	Mud. Jaws open.	0	36.5	46.4	4.62	5.62	2.82	1.55	0.71	4.51
68-9-265	7183	45°01.0' N	59°32.5' W	102	09/04/68	Dissected area	LC	4 pebbles, 3 cobbles. Organic growth on upper part of rock fragments. Jaws open.	96.8	3.2		-5.44	-5.19	1.35	0.25	2.41	26.3
68-9-266	7181	45°00.0' N	59°35.0' W	128	09/04/68	SW of Misaine Bank, dissected area.	SISb	Sand & mud.	0.4	88.2	7.0	2.77	3.17	1.72	0.50	1.33	11.66
68-9-267	7180	45°00.0' N	59°37.5' W	124	09/04/68	SW of Misaine Bank, dissected area.	ES	Sandy mud.	1.3	93.5	3.1	2.55	2.68	1.39	0.40	0.90	16.76
68-9-268	7184	45°00.0' N	59°39.5' W	91	09/04/68	SW of Misaine Bank, dissected area.	SS	Sand & gravel. 2 cobbles, 25 pebbles.	100			-5.24	-5.10	0.62	0.40	0.49	3.69

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
68-9-269	7229	45°00.0' N	59°44.0' W	128	09/04/68	SW of Misaine Bank, dissected area.	ES	Sand & mud.	3.4	82.4	10.4	3.8	2.51	2.69	2.19	0.70	0.44	7.29
68-9-270	7164	45°00.0' N	59°44.0' W	161	09/04/68	SW of Misaine Bank, dissected area.	ESb	Mud.	0.3	53.5	36.3	9.9	3.86	4.61	2.38	1.20	0.73	5.22
68-9-271	7166	45°00.0' N	59°47.5' W	137	09/04/68	SW of Misaine Bank, dissected area.	SS	Gravel in sand. One pebble.	10.1	80.4	5.4	4.1	2.57	2.36	2.69	0.45	-0.20	6.07
68-9-272	7231	45°00.0' N	59°53.5' W	150	09/04/68	SE of Canso Bank	ES	Mud.	0	25.6	59.5	14.9	4.74	5.56	2.57	1.20	0.74	4.84
68-9-273	7165	45°00.0' N	60°00.5' W	157	09/04/68	SE of Canso Bank	SS	Gravel, sand & mud. 12 pebbles.	35.3	41.7	8.5	14.5	2.25	1.52	4.79	3.75	0.13	2.07
68-9-274	7233	45°00.0' N	60°03.0' W	99	09/04/68	SE of Canso Bank	SS	Gravel. 4 cobbles & 6 pebbles. 3 attempts. Jaws open.	100				-5.47	-5.44	0.37	0.20	1.06	13.15
68-9-275	7168	44°55.0' N	59°50.5' W	194	09/04/68	SE of Canso Bank	LC	Mud.	0	28.9	51.2	19.8	5.28	5.99	2.89	1.70	0.58	3.93
68-9-276	7232	44°55.0' N	59°51.0' W	216	09/04/68	SW of Misaine Bank, dissected area.	LC	Mud.	0.1	4.0	78.2	17.7	6.32	6.81	2.27	0.70	0.74	6.04
68-9-277	7240	44°50.5' N	59°37.5' W	172	09/04/68	SW of Misaine Bank, dissected area.	ES	Mud w/gravel. One cobble. Growth all around rock frags.	0.2	89.3	6.6	3.9	2.57	2.97	1.72	0.35	1.41	11.86
68-9-278	7269	44°50.0' N	59°31.0' W	187	09/04/68	SW of Misaine Bank, dissected area.	SS	Mud.	0	4.8	69.3	25.9	6.16	7.15	2.74	1.35	0.61	3.94
68-9-279	7270	44°50.0' N	59°29.0' W	241	09/04/68	S of Misaine Bank, dissected area.	LC	Mud.	0	5	75.7	19.3	5.72	6.67	2.60	0.85	0.81	5.26

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean Ø	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Silt	Clay							
68-9-280	7271	44°50.0' N	59°27.5' W	267	09/04/68	S of Misaine Bank, dissected area.	ES	Mud.	0	3.7	75.5	20.8	5.99	6.90	2.49	0.95	0.78	5.06
68-9-281	7241	44°50.0' N	59°23.0' W	301	09/04/68	S of Misaine Bank, dissected area.	LC	Mud.	0	28.0	55.1	16.9	5.84	5.92	2.62	1.60	0.41	3.64
68-9-282	7297	44°50.0' N	59°12.0' W	119	09/04/68	Dissected area.	Ssa	Sand & gravel. 4 pebbles.	0.2	97.1	1.2	1.5	1.82	1.95	1.25	0.50	1.70	21.13
68-9-283	7296	44°50.0' N	59°12.5' W	179	09/04/68	S of Misaine Bank, dissected area.	ES	Mud.	0.3	55.5	34.3	9.9	3.52	4.32	2.69	1.65	0.59	4.21
68-9-284								Station omitted.										
68-9-285	7244	44°50.0' N	59°10.0' W	186	09/04/68	Dissected area.	SS	Sand.	81.3	18.7			-4.67	-3.56	2.70	0.95	0.70	3.37
68-9-286	7243	44°50.0' N	59°08.0' W	196	09/04/68	S of Misaine Bank, dissected area.	SS	Sand & mud.	6.4	88.5	2.2	2.9	1.60	1.56	2.21	0.50	0.09	8.45
68-9-287	7242	44°50.0' N	59°02.5' W	243	09/04/68	S of Misaine Bank, dissected area.	LC	Mud.	7.4	60.8	22.4	9.4	3.07	3.61	3.35	1.15	0.19	4.95
68-9-288	7299	45°05.0' N	59°02.0' W		09/04/68	Misaine Bank	S1Sb	Sand & gravel. 6 pebbles.	60	48.1	0.3	0.6	-1.22	-1.28	2.77	2.60	0.14	2.62
68-9-289	7298	44°55.0' N	59°04.5' W	174	09/04/68	S of Misaine Bank, dissected area.	SS	Gravel, sand & mud. One pebble.	27.4	58.6	9.6	4.3	2.56	1.07	4.39	4.20	-0.17	2.49
68-9-290	7300	44°54.5' N	59°11.0' W	170	09/04/68	S of Misaine Bank	S1Sc	Mud.	0	87	8.8	4.2	2.48	2.91	1.81	0.40	1.39	11.03
68-9-291	6997	44°30.0' N	59°42.0' W	55	19/04/68	Banquereau Bank	S1Sa	Sand.	6.8	99.2			1.57	1.57	0.70	0.30	-2.20	40.41
68-9-292	6996	44°30.0' N	59°35.0' W	51	19/04/68	Banquereau Bank	S1Sa	Sand.	6.4	93.6			1.49	1.19	1.48	0.40	-1.37	10.77
68-9-293	6995	44°30.0' N	59°28.0' W	57	19/04/68	Banquereau Bank	S1Sa	Sand.	1.1	98.9			1.18	1.05	0.73	0.45	-1.02	12.71

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{x}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt + Clay							
68-9-294	6994	44°30.0' N	59°21.0' W	62	19/04/68	Banquereau Bank	SISa	Sand.	4.7	95.3	1.38	1.12	1.11	0.40	-1.43	12.03		
68-9-295	6993	44°30.0' N	59°07.0' W	60	19/04/68	Banquereau Bank	SISa	Sand.	1.2	98.8	1.80	0.72	0.45	-1.01	13.33			
68-9-296	6985	44°24.0' N	59°05.5' W		19/04/68	Banquereau Bank	SISa	Sandy gravel. One cobble.	40.6	59.4	0.15	-1.53	3.12	3.25	-0.19	1.33		
68-9-297	6992	44°23.5' N	59°10.0' W	128	19/04/68	The Gully	SS	Sand.	0.4	98.6	2.25	2.11	0.75	0.40	-1.09	17.77		
68-9-298	6991	44°22.0' N	59°12.0' W	175	19/04/68	The Gully	ES	Mud.	0	45.8	42.9	11.2	4.84	2.38	0.65	1.12	7.55	
68-9-299	7246	44°23.5' N	59°16.0' W	183	19/04/68	The Gully	SS	Mud. Location questionable.	80.1	19.8	-4.53	-3.39	2.83	0.80	0.68	3.19		
68-9-300		44°24.5' N	59°19.0' W	165	19/04/68	The Gully	ES	Mud.	0	62.3	29.6	8.1	3.67	2.17	0.70	1.16	8.37	
68-9-301		44°25.0' N	59°20.0' W	146	19/04/68	The Gully	SS	Sandy mud.	0	91.6	5.7	2.7	2.62	2.93	1.28	0.30	1.91	18.87
68-9-302	7115	44°26.0' N	59°20.0' W	91	19/04/68	The Gully	SS	Sand.	2.3	97.7	1.39	1.23	0.88	0.30	-2.18	26.72		
68-9-303	7113	44°25.0' N	59°24.0' W	128	19/04/68	The Gully	SS	Gravelly sand. 10 pebbles.	0.5	96.7	1.4	1.4	2.45	2.47	1.11	0.30	1.52	26.91
68-9-304	7112	44°25.0' N	59°28.0' W	82	19/04/68	The Gully	SS	Sand.	3	97	2.04	1.79	1.12	0.50	-1.35	13.11		
68-9-305	7111	44°25.0' N	59°38.0' W	104	19/04/68	The Gully	SS	Sand.	1.8	98.2	1.39	1.27	0.78	0.40	-0.87	9.91		
68-9-306	7110	44°25.0' N	59°44.0' W	146	19/04/68	Banquereau Bank	SISa	Sandy mud.	0	92.5	5.2	2.2	2.85	3.10	1.17	0.50	1.82	19.62
68-9-307	7109	44°20.0' N	59°44.5' W	182	19/04/68	The Gully	ES	Mud.	0.2	85.8	9.6	4.4	2.05	2.53	2.07	0.90	1.02	8.03
68-9-308	6929	44°20.0' N	59°41.5' W	197	19/04/68	The Gully	SSa	Loose mud.	2.0	90.4	4.8	2.8	1.71	1.99	1.81	0.80	0.95	8.87
68-9-309	6930	44°20.0' N	59°37.5' W	153	19/04/68	The Gully	SSb	Mud w/gravel. One cobble.	35.3	59.8	2.5	2.4	0.86	-0.17	3.25	2.80	0.12	3.02

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt + Clay							
68-9-310	6928	44°20.0' N	59°33.5' W	176	19/04/68	The Gully	SSa	Sandy mud.	0	85.2	11.8	5.0	2.14	2.82	2.07	0.95	1.05	7.64
68-9-311	6927	44°20.0' N	59°31.0' W	209	20/04/68	The Gully	LC	Mud.	0	11.9	70.4	17.6	5.34	6.10	2.66	1.10	0.74	5.02
68-9-312	6926	44°20.0' N	59°27.0' W	216	20/04/68	The Gully	LC	Mud.	0	16.5	66	17.5	4.79	5.90	2.99	1.20	0.76	4.78
68-9-313	6925	44°20.0' N	59°24.0' W	137	20/04/68	The Gully	SS	Sand & mud w/gravel. 5 pebbles. Jaws open.	32.8	65.2	0.8	1.2	0.58	-0.68	3.33	3.35	-0.12	2.59
68-9-314	6924	44°20.0' N	59°20.5' W	221	20/04/68	The Gully	LCb	Mud.	0	2.35	57.6	18.9	4.71	5.74	2.83	1.40	0.69	4.39
68-9-315	6958	44°20.0' N	59°18.0' W	209	20/04/68	The Gully	ES	Mud.	0	71.0	20.9	8.1	3.55	4.15	2.16	0.55	1.25	8.95
68-9-316	6959	44°20.0' N	59°15.5' W	101	20/04/68	The Gully	SISb	Gravelly sand. Jaws open.	68.3	31.7			-4.75	-2.87	3.06	3.20	0.30	1.62
68-9-317	6957	44°19.0' N	59°14.5' W	132	20/04/68	The Gully	SS	Sand.	0.2	99.7			1.48	1.46	0.59	0.35	-0.09	4.78
68-9-318		44°18.0' N	59°13.5' W	165	20/04/68	The Gully	SS	Sand & mud.	0.3	95.1	3.0	1.7	2.47	2.55	1.21	0.40	1.47	18.92
68-9-319	6954	44°20.0' N	59°11.5' W	230	20/04/68	The Gully	SS	Sand & mud.	0	91.3	5.9	2.8	2.77	3.07	1.31	0.50	1.69	16.48
68-9-320		44°20.0' N	59°09.0' W	201	20/04/68	The Gully	SS	Mud.	0	85.6	10.9	3.5	3.52	3.75	1.29	0.30	2.03	20.47
68-9-321	6952	44°20.0' N	59°05.0' W	101	20/04/68	The Gully	SISb	Gravel & sand. 8 pebbles.	66.4	33.6			-3.7	-2.55	2.69	2.65	0.24	1.62
68-9-322	6955	44°20.0' N	59°02.0' W	155	20/04/68	The Gully	SSa	Sand & mud.	1.0	97.0	0.5	1.5	2.56	2.62	1.18	0.25	0.38	30.12
68-9-323	6989	44°20.0' N	58°55.5' W	100	20/04/68	Banquereau Bank	SISa	Gravel & sand, plus some shell frags. 4 pebbles.	33.1	65.7	0.4	0.9	1.67	0.25	2.95	2.80	-0.16	2.36
68-9-324	6988	44°15.0' N	59°00.5' W	110	20/04/68	Banquereau Bank	SISa	Sand w/gravel. One pebble, plus numerous broken shell fragments.	10.7	89.2			1.43	1.03	1.54	0.50	-0.92	5.86

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt + Clay							
68-9-325	6987	44°15.0' N	59°10.0' W	208	20/04/68	The Gully	SS	Mud.	0	75.5	17.9	6.5	3.60	4.13	2.09	0.35	1.69	14.14
68-9-326	6986	44°15.0' N	59°18.0' W	256	20/04/68	The Gully	ES	Mud.	0	77.9	18.0	4.1	3.52	3.79	1.46	0.40	1.58	14.17
68-9-327	6984	44°15.0' N	59°19.75' W		20/04/68	The Gully	SS	Sand & mud.	0	90.9	5.9	3.2	3.21	3.37	1.29	0.50	1.66	15.91
68-9-328	6983	44°15.0' N	59°22.5' W	190	20/04/68	The Gully	SS	Sand & mud.	0	83.4	10.2	6.3	2.84	3.49	2.00	0.55	1.34	9.93
68-9-329		44°15.0' N	59°27.0' W	146	20/04/68	The Gully	SSa	4 attempts.										
68-9-330		44°15.0' N	59°31.0' W	177	20/04/68	The Gully	SS											
68-9-331	6977	44°15.0' N	59°33.0' W	190	21/04/68	The Gully	Lcb	Mud.	0	27.1	63.5	9.5	4.49	5.03	2.10	0.55	0.99	7.08
68-9-332	6976	44°15.0' N	59°38.0' W	192	21/04/68	The Gully	Lcb	Mud.	0.4	25.2	64	10.5	4.66	5.18	2.31	0.80	0.86	7.01
68-9-333	6951	44°15.0' N	59°41.5' W	190	21/04/68	The Gully	SSa	Gravel, some sand in water. Organic growth on upper part of rock. One cobble. 2 attempts.	100				-5.5	-5.5	0.26	0.25	0	1.96
68-9-334	6974	44°15.0' N	59°44.0' W	165	21/04/68	The Gully	SSa		0.2	79.5	15.5	4.9	3.03	3.36	1.99	0.80	1.13	9.37
68-9-335	6950	44°10.5' N	59°43.0' W	157	21/04/68	The Gully	SS	Sand & mud.	6.1	83.8	7.7	2.4	0.59	1.20	2.13	1.05	0.88	6.73
68-9-336	6949	44°10.0' N	59°43.5' W	92	21/04/68	Sable Island Bank	SISa	Sand w/gravel. One cobble. 20 pebbles. Organics on upper part of rock.	12.5	86.3	0.5	0.7	0.67	0.50	1.60	0.55	0.14	10.51
68-9-337	6948	44°11.0' N	59°35.0' W	144	21/04/68	The Gully	SSa	Mud.	1.3	91.9	5.2	1.6	2.54	2.39	1.64	1.05	0.44	7.19
68-9-338	6947	44°10.0' N	59°32.0' W	142	21/04/68	The Gully	SSa	Sand & mud.	0	94	3.5	2.4	2.63	2.80	1.36	0.45	1.38	14.76

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Silt	Clay							
68-9-339	6946	44°08.5' N	59°30.0' W	155	21/04/68	Sable Island Bank	SISa	Mud.	0.4	65.1	26.5	8.0	3.57	4.19	2.53	0.70	1.26	10.14
68-9-340	6945	44°10.0' N	59°29.0' W	228	21/04/68	The Gully	SSa	Mud.	0	83	12.2	4.8	3.41	3.71	1.60	0.45	1.44	11.78
68-9-341	6970	44°10.0' N	59°27.5' W	246	21/04/68	The Gully	SSa	Mud.	0	82.8	11.5	57	3.11	3.58	1.79	0.60	1.28	9.42
68-9-342		44°10.0' N	59°24.5' W	234	22/04/68	The Gully	SSa	Sand & mud.	0	90.6	6.3	3.1	2.65	3.00	1.37	0.35	1.74	15.83
68-9-343	6968	44°10.0' N	59°13.5' W	329	22/04/68	The Gully	SSa	Clean sand.	0.3	99.6			1.27	1.20	0.59	0.45	-0.15	3.93
68-9-344	6967	44°10.0' N	59°05.0' W	293	22/04/68	The Gully	SSb	Gravel & sand. 7 pebbles.	13.1	82.0	2.80	2.07	2.23	1.77	2.51	0.75	-0.35	5.29
68-9-345	6966	44°09.5' N	59°01.0' W	192	22/04/68	The Gully	SSa	Sandy mud.	0	97.8	1.0	1.2	2.64	2.79	0.88	0.30	2.66	40.33
68-9-346	6965	44°10.0' N	58°57.5' W	102	22/04/68	Banquereau Bank	SISa	Sand w/gravel. One cobble. Growth on upper part of rock fragment.	3.8	96.0			1.24	1.07	1.17	0.50	-0.95	10.57
68-9-347	6964	44°05.0' N	59°41.0' W	101	22/04/68	Banquereau Bank	SISa	Sand.	1.1	98.7			2.09	1.98	0.92	0.50	-1.90	27.59
68-9-348	6937	44°04.0' N	59°27.0' W	208	22/04/68	S edge of Banquereau Bank	SS	Sand.	1.4	98.4			2.03	1.95	0.80	0.55	-0.91	10.69
68-9-349		44°01.0' N	58°38.5' W	134	22/04/68	S edge of Banquereau Bank	SSa	Sand. 2 attempts.	0.4	97.6	0.7	1.3	2.55	2.64	0.98	0.30	1.88	35.34
68-9-350	6934	44°03.5' N	58°52.5' W	128	22/04/68	S edge of Banquereau Bank	SS	Sand. One cobble & 10 pebbles. Organics on upper part of rocks.	1.6	95.5	1.4	1.5	3.06	3.03	1.27	0.50	-0.08	21.22
68-9-351		44°05.0' N	58°59.0' W	285	22/04/68	S edge of The Gully	SISa	Sandy mud.	0	89.1	8.2	2.7	3.30	3.39	1.21	0.45	1.63	17.34

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
68-9-352		44°05.0' N	59°08.5' W	315	22/04/68	The Gully		No sample. Bucket won't trip. 3 attempts.										
68-9-353	6933	44°05.0' N	59°12.5' W	104	22/04/68	The Gully	SS	One bag of sand w/gravel. Sand grains on rock particles. 3 pebbles. 2 attempts.	34.3	56.3	4.1	5.3	0.56	0.25	3.43	2.15	0.43	4.14
68-9-354	6932	44°05.0' N	59°15.5' W	64	22/04/68	East Bar, Sable Island Bank	SISA	Sand.	0.6	99.3			1.47	1.42	0.56	0.30	-0.95	14.82
68-9-355	6931	44°00.0' N	59°08.0' W	55	22/04/68	Sable Island Bank	SISA	Sand.	0.2	99.8			1.36	1.28	0.53	0.35	-0.69	12.29
68-9-356	6942	44°00.0' N	59°21.0' W	36	22/04/68	Sable Island Bank	SISA	Sand.	0	100			1.65	1.72	0.46	0.30	0.36	3.16
68-9-357	6944	43°50.0' N	59°20.5' W	66	22/04/68	Sable Island Bank	SISA	Sand & mud.	0	98.8			2.66	2.75	0.48	0.35	0.34	3.15
68-9-358	6943	43°50.0' N	59°34.5' W	51	22/04/68	Sable Island Bank	SISA	Sand.	0	97.4			3.33	3.25	0.50	0.35	-0.39	4.08
68-9-359	6941	43°51.0' N	59°47.0' W	42	22/04/68	Sable Island Bank	SISA	Sand.	0	97.3	1.6	1.1	3.27	3.25	0.84	0.4	2.09	33.56
68-9-360	6940	43°41.0' N	59°34.0' W	143	22/04/68	S of Sable Island Bank	SS	Sandy mud.	0	80.4	17.7	1.9	3.58	3.73	0.94	0.30	2.18	27.15
68-9-361		43°38.0' N	59°34.0' W	292	22/04/68	S of Sable Island Bank		Mud.	0	79.6	18.1	2.4	3.59	3.77	1.01	0.30	2.06	23.89
68-9-362	6938	43°45.0' N	59°20.0' W	137	22/04/68	S of Sable Island Bank	SS	Sandy mud.	0	86.7	11.2	2.11	3.54	3.67	0.96	0.30	2.39	29.70
68-9-363	6922	43°42.5' N	59°07.0' W	128	22/04/68	S of The Gully		Sand.	0.7	98.1			2.75	2.79	0.76	0.40	-2.09	39.56

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Silt	Clay							
68-9-364	6923	43°42.5' N	59°07.0' W	91	22/04/68	Sable Island Bank	SISA	Sand.	2.4	97.0		2.55	2.46	0.98	0.30	-2.36	28.9	
68-9-365		43°55.0' N	58°53.0' W	293 approx	22/04/68	Off of The Gulleys		No sample or depth.										
68-9-366	6921	44°00.0' N	58°57.0' W	355	23/04/68	S of The Gulleys		Sand w/mud & gravel. 6 pebbles.	1.9	97.4		2.19	2.02	0.94	0.55	-0.93	9.67	
68-9-367	6920	44°15.0' N	58°53.0' W	66	23/04/68	Banquereau Bank	SISA	Sand.	1.2	98.8		1.57	1.56	0.75	0.35	-1.55	24.37	
68-9-368		44°25.0' N	58°53.0' W	73	23/04/68	Banquereau Bank	SISA	Sand w/gravel. 12 pebbles.	39.3	60.6		1.04	-0.74	2.93	3.00	-0.20	1.32	
68-9-369	6918	44°25.0' N	58°39.0' W	73	23/04/68	Banquereau Bank	SISA	Sand w/broken shells up to	9.5	90.5		1.32	0.85	1.60	0.45	-1.16	7.57	
68-9-370	6917	44°15.0' N	58°39.0' W	70	23/04/68	Banquereau Bank	SISA	Sand w/broken & disarticulated shells up to cobble size.	8.1	91.9		1.35	0.92	1.5	0.35	-1.31	9.33	
68-9-371	6916	44°15.0' N	58°25.0' W	73	23/04/68	Banquereau Bank	SISA	Sand.	0.6	99.4		1.52	1.51	0.64	0.35	-0.63	11.89	
68-9-372		44°12.0' N	58°10.0' W	274	23/04/68	S of Banquereau Bk		Muddy sand.	0	98.9		2.71	2.80	0.51	0.35	0.29	2.52	
68-9-373		44°15.0' N	58°11.0' W	91	23/04/68	Banquereau Bank	SISA	Sand.	10.3	89.7		2.52	1.95	2.02	0.30	-1.25	7.75	
68-9-374	6961	44°22.0' N	57°57.0' W	91	23/04/68	Banquereau Bank	SISA	Sand.	9.3	90.5		2.47	1.99	1.69	0.25	-1.34	8.69	
68-9-375	6960	44°15.0' N	58°11.0' W	46	23/04/68	Banquereau Bank	SISA	Sand.	1.1	98.9		0.91	0.92	0.68	0.50	-0.10	3.87	
68-9-376	7324	45°57.0' N	59°21.5' W	101	02/05/68	St. Anne's Bank	SISA	Sand.	0.4	95.4	1.9	2.45	2.57	1.26	0.30	1.74	22.86	
68-9-377	7325	46°02.0' N	59°22.0' W	77	02/05/68	St. Anne's Bank	SISB	Gravel, sand & mud. 24 pebbles. 2 attempts.	76.2	21.2	1.6	-4.83	-3.05	3.35	2.00	0.67	4.04	

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Silt	Clay					
68-9-378		46°07.0' N	59°22.0' W	73	02/05/68	St. Anne's Bank	SISb	No sample.								
68-9-379		46°12.0' N	59°36.0' W	55	02/05/68	N St. Anne's Bank	SISb	Gravel. One cobble. Growth on upper part of rock fragments. 3 attempts.								
68-9-380	7323	46°12.0' N	59°22.0' W	91	02/05/68	St. Anne's Bank	SISb		100			-5.24	-5.16	0.51	0.40	2.64
68-9-381	7322	46°12.0' N	59°14.5' W	82	02/05/68	St. Anne's Bank	SISb	Sandy gravel. 2 cobbles & 25 pebbles. 2 attempts.	97.9	2.1		-5.34	-5.09	1.16	0.35	2.38
68-9-382	7314	46°12.0' N	59°07.5' W	134	02/05/68	NE of St. Anne's Bk	SS	Gravel, sand & mud. 3 cobbles & 20 pebbles.	55.3	32.3	9.4	3.0	3.0	4.47	4.00	0.25
68-9-383	7350	46°12.0' N	59°00.5' W	143	02/05/68	NE of St. Anne's Bk	SS	Sand w/gravel & mud. 3 pebbles.	9	70.8	13.6	6.6	2.78	3.20	0.90	0.30
68-9-384		46°12.0' N	58°53.0' W	201	02/05/68	NE of St. Anne's Bk	SS	Gravel & sand. 6 pebbles.								
68-9-385	7012	46°12.0' N	58°39.0' W	348	02/05/68	E of St. Anne's Bk	LC	Mud.	0	2.2	80.8	17.0	5.76	2.34	0.80	0.92
68-9-386	7011	46°12.0' N	58°24.0' W	412	02/05/68	E of St. Anne's Bk	LC	Mud.	0.5	10.5	65.3	2.37	6.61	2.51	1.35	-0.02
68-9-387		46°12.0' N	58°10.0' W	448	02/05/68	E of St. Anne's Bk	SSD	Mud.	0	13.6	62.2	24.2	6.67	2.31	1.05	0.01
68-9-388	7009	46°12.0' N	57°55.0' W	404	02/05/68	Laurentian Channel	LC	Mud.	0	1.7	69.8	28.5	6.85	7.49	1.80	0.47
68-9-389	7008	46°02.0' N	57°56.0' W	507	03/05/68	Laurentian Channel	LC	Mud. 2 attempts. 1 closed & 1 open.	0	5.1	53.4	41.6	7.33	8.04	2.63	1.65
68-9-390	7312	46°02.0' N	58°10.0' W	437	03/05/68	E of St. Anne's Bk	SSD	Mud.	0	17.2	57.0	25.8	6.67	2.41	1.15	0.03

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
68-9-403	7343	44°55.0' N	59°27.5' W	115	06/05/68	S of Misaine Bank	SISb	Gravel & sand. 3 pebbles. 2 attempts.	95	5	-4.48	1.43	0.20	1.98	17.45	
68-9-404	7342	44°55.0' N	59°25.5' W	171	06/05/68	S of Misaine Bk, dissected area.	ES	Mud.	0	67.9	17.0	3.20	1.35	0.79	4.48	
68-9-405	7341	44°55.0' N	59°22.0' W	99	06/05/68	S of Misaine Bank	SISb	Gravel & sand. 2 cobbles & 30 pebbles.	83.6	15.6	0.31	-3.91	2.92	0.90	5.64	
68-9-406		44°55.0' N	59°18.0' W	90	06/05/68	S of Misaine Bank	SISb	Gravel & sand. 4 cobbles & 20 pebbles.								
68-9-407	7340	44°55.0' N	59°16.0' W	219	06/05/68	S of Misaine Bank	SS	Mud.	0	53.1	24.5	3.84	2.35	0.60	3.29	
68-9-408		44°55.0' N	59°13.0' W	91	06/05/68	S of Misaine Bank	SS	3 cobbles & 6 pebbles.								
68-9-409	7339	44°55.0' N	58°58.0' W	24	06/05/68	S of Misaine Bank, dissected area.	SISa	Gravel & sand. 8 pebbles.	4.1	95.8	2.07	1.80	0.55	-1.35	11.85	
68-9-410	7060	44°54.0' N	58°56.0' W	80	06/05/68	S of Misaine Bank, dissected area.	SS	Gravel & sand. 5 cobbles & 30 pebbles.	76.4	22.8	0.4	-4.29	3.05	1.05	3.52	
68-9-411	7059	44°53.0' N	58°55.0' W	168	06/05/68	S of Misaine Bank, dissected area.	ES	Mud.	0	69.0	22.3	3.67	0.40	1.36	9.94	
68-9-412	7058	44°54.0' N	58°54.0' W	183	06/05/68	S of Misaine Bank, dissected area.	ES	Mud.	4.7	80.7	9.1	2.65	0.45	0.03	7.82	
68-9-413	7057	44°55.0' N	58°45.5' W	208	06/05/68	S edge of Misaine Bank	SS	Mud.	0	95.2	5.1	2.79	0.50	1.68	16.91	
68-9-414		44°55.0' N	58°44.0' W	128 approx	06/05/68	S of Misaine Bank, dissected area.	SS	3 pebbles. Gravel.								

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Median $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt + Clay							
68-9-428		45°23.5' N	58°24.5' W	65	07/05/68	Misaine Bank	SISb	Gravel. 1 cobble & 2 pebbles. Growth on upper part of frags. Sand grains adhering to particles.										
68-9-429	7079	45°25.0' N	58°24.5' W	160	07/05/68	Misaine Bank	SISb	Sand & mud.	0	91.4	4.0	4.7	2.59	3.00	1.71	0.35	1.61	13.46
68-9-430	7077	45°27.5' N	58°24.5' W	124	07/05/68	Misaine Bank	SS	Sand w/gravel & mud.	65.1	33.7	0.5	0.7	-5.10	-2.58	3.81	3.80	0.37	2.01
68-9-431		45°29.5' N	58°24.5' W	88	07/05/68	NE of Misaine Bank	SISb	Gravel & sand w/broken shells. 6 cobbles. 8-10 pebbles.										
68-9-432	7038	45°32.0' N	58°24.5' W	91	07/05/68	NE of Misaine Bank	SS	Gravel & sand. 4 cobbles & 10 pebbles.	68.0	31.4	0.2	0.4	-5.03	-2.83	3.48	3.40	0.41	2.21
68-9-433	7037	45°34.5' N	58°24.5' W	183	07/05/68	NE of Misaine Bank	SISa	Sand. One cobble. 8-10 pebbles. 7 attempts.	46.0	53.2	0.2	0.7	0.73	-0.83	3.27	3.25	0.02	1.74
68-9-434	7036	45°35.5' N	58°24.5' W	155	07/05/68	NE Misaine Bank	SS	Sand.	1.1	95.5	1.2	2.2	2.43	2.49	1.34	0.35	1.26	18.66
68-9-435	7035	44°39.5' N	58°39.0' W	77	07/05/68	Banquereau Bank	SISa	Gravel & sand. 10 pebbles.	42.6	57.2			0.43	-1.09	3.17	3.40	-0.21	1.50
68-9-436	7034	45°39.0' N	58°46.0' W	172	07/05/68	N of Misaine Bank	ES	Sand & mud. One pebble.	1.0	72.7	17.7	8.6	2.94	3.85	2.69	0.90	0.88	6.83
68-9-437	7033	45°42.0' N	58°46.0' W	166	07/05/68	N of Misaine Bank	LCb	Mud.	0	5.5	67.6	26.9	6.38	7.19	2.85	1.45	0.50	3.73
68-9-438	7331	45°42.0' N	58°39.0' W	234	07/05/68	N of Misaine Bank	SS	Sand & mud.	1.9	97.9			2.45	2.31	0.88	0.30	-2.29	28.44
68-9-439		45°46.8' N	58°38.9' W	274	07/05/68	N of Misaine Bank	LC	No sample. 3 attempts. 1 closed & 1 open.										
68-9-440	7332	45°57.0' N	58°46.0' W	263	07/05/68	N of Misaine Bank	LC	Mud.	0	1.8	71.7	26.5	6.64	7.24	2.08	1.10	0.55	4.14
68-9-441	7330	45°57.0' N	58°46.0' W	150	07/05/68	E of St. Anne's Bk	SSa	Sand.	1.0	92.5	3.8	2.6	1.89	2.11	1.65	0.60	1.07	12.14

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt Clay							
68-9-442	7329	46°07.0' N	58°46.0' W	210	07/05/68	E of St. Anne's Bk	SSD	Gravel & mud. 2 cobbles & 8 pebbles.	31.7	54.4	8.6	5.3	1.30	0.87	3.63	3.25	0.32	3.62
68-9-443	7328	46°07.0' N	58°53.0' W	157	07/05/68	E of St. Anne's Bk	SSa	Sand & mud.	0	84.4	10.7	4.9	2.74	3.26	1.91	0.55	1.44	11.77
68-9-444	7327	46°07.0' N	59°00.5' W	113	07/05/68	St. Anne's Bank	SISb	Mud & sand w/some gravel. 5 cobbles & 30 pebbles.	16.4	67.9	8.7	7.0	2.36	2.24	3.45	0.95	0.25	4.98
68-9-445	7326	46°07.0' N	59°07.5' W	128	07/05/68	St. Anne's Bank	SISb	Gravel, sand & mud. 4 cobbles & 10 pebbles.	22.5	60.7	11.0	5.8	2.16	1.83	3.43	1.60	0.20	3.72
68-9-446	7351	46°02.0' N	59°07.5' W	95	07/05/68	St. Anne's Bank	SISb	Sand. 3 cobbles & 15 pebbles.	58.5	37.5	2.1	1.9	-3.95	-1.45	3.74	3.40	0.34	2.37
68-9-447	7349	45°42.0' N	59°14.5' W	165	08/05/68	S of St. Anne's Bk	SSD	Sand & mud.	0.2	80.0	15.1	4.7	2.12	2.83	2.12	1.05	0.95	6.81
68-9-448	7447	45°37.2' N	59°14.5' W	146	08/05/68	S of St. Anne's Bk	SS	Sand. 2 attempts.	1.7	97.1			2.15	2.04	0.93	0.45	-1.62	21.53
68-9-449	7448	45°33.2' N	59°14.5' W	155	08/05/68	S of St. Anne's Bk	SS	Sand.	0.1	91.4	5.6	2.8	1.96	2.34	1.58	0.55	1.45	12.68
68-9-450	7346	45°29.5' N	59°14.5' W	82	08/05/68	Misaine Bank	SISb	Gravel. 6 cobbles & 20 pebbles.	77.8	22.1			-4.20	-3.01	2.46	1.20	0.56	2.65
68-9-451	7345	45°26.8' N	59°14.5' W	113	08/05/68	Misaine Bank	SISa	Sand.	7.3	91.7			1.72	1.50	1.48	0.50	-1.11	8.32
68-9-452	7096	45°25.0' N	59°14.5' W	115	08/05/68	Misaine Bank	SSa	Sand. One cobble.	8.3	88.6	1.3	1.8	1.85	1.68	1.98	0.55	-0.15	8.60
68-9-453	7095	45°23.8' N	59°14.5' W	146	08/05/68	Misaine Bank	SISa	Sand.	0	91.6	4.9	3.5	2.60	2.92	1.48	0.40	1.54	13.65
68-9-454	7093	45°19.5' N	59°14.5' W	106	08/05/68	Misaine Bank	SISb	Sand w/gravel. 3 cobbles & 15 pebbles.	77.2	22.5			-4.97	-3.54	2.96	0.70	0.62	2.79

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt + Clay							
68-9-455		45°16.6' N	59°12.5' W	91	06/05/68	Misaine Bank	SS	No sample.										
68-9-456	7094	45°16.0' N	59°12.0' W	119	08/05/68	Misaine Bank	LC	Sand.	0	94.8	2.5	2.7	2.48	2.64	1.39	0.35	1.58	16.46
68-9-457		45°14.8' N	59°12.0' W	115	08/05/68	Misaine Bank	SS	Gravel. One cobble. 2 pebbles. 3 attempts.										
68-9-458		45°13.2' N	59°14.0' W	99	08/05/68	Misaine Bank	SISb	One cobble & 27 pebbles.										
68-9-459	7092	45°11.5' N	59°15.8' W	91	08/05/68	Misaine Bank	SS	Gravel & sand. 2 cobbles. 36 pebbles. 2 attempts. 1st attempt - 1 cobble in jaws.	88.0	11.4			-4.36	-3.61	2.07	0.30	1.14	6.89
68-9-460		45°09.0' N	59°15.0' W	117	08/05/68	Misaine Bank	SISb	Gravel & sand. One cobble. 3 attempts.										
68-9-461	7017	45°37.0' N	58°24.5' W	343	08/05/68	Misaine Bank	SS	Gravel, sand & mud. 5 cobbles & 12 pebbles.	24.8	65.1	4.8	5.4	2.06	1.31	3.55	1.85	0.16	3.69
68-9-462	7018	45°38.0' N	58°24.5' W	228	08/05/68	NE of Misaine Bank	ES	Sand.	0	89.1	6.0	4.8	3.25	3.53	1.63	0.45	1.48	12.24
68-9-463		45°40.3' N	58°24.5' W	139	08/05/68	NE of Misaine Bank	SS	Sand. 1 pebble & 1 granule.										
68-9-464	7016	45°41.1' N	58°24.5' W	144	08/05/68	NE of Misaine Bank	SISc	Sand. 11 pebbles.	59.0	39.7	0.4	0.9	-3.62	-1.48	3.37	3.30	0.29	2.09
68-9-465	7015	45°43.3' N	58°24.5' W	384	08/05/68	NE of Misaine Bank	LC	Mud.	0	46.5	34.3	19.2	4.41	5.51	3.17	2.05	0.55	3.53
68-9-466	7014	45°45.3' N	58°24.5' W	166	08/05/68	NE of Misaine Bank	LC	Sand.	0	96.0	1.6	2.4	2.65	2.87	1.22	0.35	1.89	20.74
68-9-467	7026	45°46.8' N	58°24.5' W	174	08/05/68	NE of Misaine Bank	SS	Sand. 3 pebbles.	2.8	93.2	1.6	2.3	2.53	2.57	1.58	0.30	0.29	14.63

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
68-9-506	7438	45°27.0' N	59°28.5' W	122	18/06/68	NW of Misaine Bank	SS	Sand & mud.	9.9	81.2	4.1	4.8	2.26	2.05	0.60	0.09	6.24	
68-9-507	7439	45°32.0' N	59°28.5' W	135	18/06/68	S of St. Anne's Bk	SS	Sand & mud. One pebble.	0.9	87.4	6.7	5.0	2.30	2.77	0.70	1.16	9.92	
68-9-508	7440	45°37.0' N	59°28.5' W	154	18/06/68	S of St. Anne's Bk	SSa	Sand & mud. 3 pebbles.	0.1	80.2	14.3	5.4	3.30	3.69	0.55	1.47	12.52	
68-9-509	7442	45°42.0' N	59°28.5' W	161	18/06/68	S of St. Anne's Bk	LC	Sand & mud. 4 pebbles.	0.2	72.9	18.6	8.4	3.56	4.21	0.45	1.29	9.62	
68-9-510	7441	45°44.0' N	59°29.5' W	147	18/06/68	S of St. Anne's Bk	ES	Mud.	0	61.0	26.3	12.8	3.77	4.86	0.70	1.09	6.94	
68-9-511	7431	45°45.5' N	59°30.5' W	137	18/06/68	S of St. Anne's Bk	ES	Mud.	0.2	79	12.4	8.4	3.42	4.10	0.45	1.38	10.39	
68-9-512	7393	45°47.0' N	59°23.7' W	119	18/06/68	S of St. Anne's Bk	SSb	Sand & mud. One cobble. 10 pebbles.	64.8	32.6	1.5	1.1	-5.25	-2.57	4.00	3.85	0.40	2.14
68-9-513		45°56.8' N	59°10.5' W	55	18/06/68	St. Anne's Bank	SISb	3 attempts.										
68-9-514		46°02.0' N	59°14.5' W	82	18/06/68	St. Anne's Bank	SISb	2 cobbles. Growth on upper part of rocks & sand grains adhering to them. 3 attempts.										
68-9-515		46°07.0' N	59°14.5' W	91	18/06/68	St. Anne's Bank	SISb	Gravel. 1 cobble & 3 pebbles. Organic growth on rocks. 3 attempts.										
68-9-516		45°56.8' N	59°07.4' W	95	18/06/68	St. Anne's Bank	SISb	Sandy gravel. One cobble & 2 pebbles. 2 attempts.										
68-9-517	7392	45°57.0' N	59°00.2' W	128	18/06/68	E edge of St. Anne's Bank	SS	Gravel, sand & mud. 5 cobbles & 25 pebbles.	58.1	21.3	12.4	8.2	-2.51	-0.73	5.28	4.35	0.39	2.50
68-9-518	7435	46°02.0' N	59°00.2' W	132	18/06/68	E edge of St. Anne's Bank	SSa	Sand & mud.	0.4	87.7	7.5	4.4	2.52	2.90	1.80	0.35	1.27	12.07

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{d}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Silt	Clay							
68-9-519	7434	46°02.0' N	58°53.0' W	176	18/06/68	E of St. Anne's Bk	ES	Mud.	0.1	47.5	36.6	15.8	4.08	5.32	2.96	1.25	0.86	5.24
68-9-520	7432	45°52.0' N	58°17.0' W	174	18/06/68	NE of Misaine Bank	SS	Sand.	0.2	92.9	4.6	2.2	1.92	2.16	1.51	0.60	1.39	13.06
68-9-521	7433	45°47.0' N	58°17.0' W	203	18/06/68	NE of Misaine Bank	SS	Sand.	2.4	96.8			1.33	1.2	0.81	0.40	-0.51	8.07
68-9-522	7414	45°43.0' N	58°17.0' W	221	18/06/68	NE of Misaine Bank	LC	Sand.	0.3	94.1	2.4	3.2	2.42	2.63	1.48	0.45	1.56	14.82
68-9-523	7410	45°41.0' N	58°17.0' W	137	18/06/68	NE of Misaine Bank	SS	Gravel & sand. One cobble. 14 pebbles. Organic growth all around the cobble. 2 attempts.	46.2	52.7	0.3	0.8	0.90	-1.25	3.53	3.50	-0.00	1.79
68-9-524	7407	45°39.0' N	58°17.0' W	384	18/06/68	NE of Misaine Bank	LC	Mud.	3.3	1.5	55.8	39.4	7.23	7.7	3.58	1.95	-0.38	5.71
68-9-525	7395	45°36.5' N	58°17.0' W	399	18/06/68	NE Misaine Bank	LC	Mud.	0	3.2	66	30.8	6.81	7.49	2.26	1.30	0.41	3.64
68-9-526	7391	45°35.0' N	58°17.0' W	132	18/06/68	NE Misaine Bank	SS	Sand. A very small sample.	8.1	91.5			2.20	1.63	1.57	0.70	-0.89	5.74
68-9-527		45°53.8' N	58°17.5' W	329	19/06/68	NE Misaine Bank	LC	No sample. Had to move for another ship.										
68-9-528	7436	45°32.7' N	58°17.5' W	216	19/06/68	NE Misaine Bank	SISb	Gravel, sand & mud.	22.6	43.5	24.1	9.8	2.37	2.70	3.90	3.20	0.07	2.10
68-9-529	7413	45°31.2' N	58°17.5' W	393	19/06/68	NE Misaine Bank	SS	Mud.	0	1.8	74.7	23.5	6.76	7.58	1.96	0.75	0.65	5.09
68-9-530	7411	45°30.5' N	58°17.5' W	221	19/06/68	E Misaine Bank	SS	Gravel, sand & mud. Only one sample. 3-4 pebbles.	74.6	14.4	8.2	2.7	-4.51	-2.52	4.19	2.95	0.69	3.61
68-9-531	7412	45°26.4' N	58°20.2' W	110	19/06/68	Misaine Bank	SISb	Gravel & sand.	26.0	73.9			1.32	0.15	2.50	1.65	-0.51	2.39
68-9-532	7385	45°23.5' N	58°17.5' W	201	19/06/68	E Misaine Bank	SS	Sand & mud.	0.2	95.4	3.3	3.1	2.43	2.64	1.43	0.35	1.72	16.74

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
68-9-571	7362	45°33.0' N	58°03.0' W	101	19/06/68	NE Misaine Bank	SISa	Gravel & sand. One cobble & 12 pebbles. Cobble is covered in growth.	14.5	85.5			1.19	0.57	1.74	0.65	-0.88	5.08
68-9-572	7381	45°29.0' N	58°03.0' W	137	19/06/68	E of Misaine Bank	SS	Sand w/gravel & mud. One pebble.	4.4	91.0	1.6	3.1	2.17	2.11	1.87	0.55	0.41	10.25
68-9-573	7380	45°26.0' N	58°03.0' W	265	19/06/68	E of Misaine Bank	LC	Mud.	0	6.2	70.9	23	6.27	6.79	2.37	1.25	0.52	3.88
68-9-574	7378	45°23.6' N	58°03.0' W	284	20/06/68	E of Misaine Bank	SSa	Sand & mud. One pebble.	3.2	76.6	9.5	10.7	2.42	3.19	3.03	0.65	0.70	5.41
68-9-575	7379	45°22.7' N	58°03.0' W	155	20/06/68	E of Misaine Bank	SSa	Sand & mud.	1.4	90.2	3.4	5.0	2.52	2.83	2.08	0.40	1.10	11.52
68-9-576	7377	45°22.5' N	58°03.0' W	146	20/06/68	E of Misaine Bank	SSb	Sand & mud.	11.7	84.3	1.3	2.7	1.57	1.11	2.81	0.55	-0.36	5.80
68-9-577	7376	45°20.0' N	58°03.0' W	182	20/06/68	E of Misaine Bank	ES	Sand & mud. GMT 0415.	2.2	91.8	2.3	3.8	2.37	2.47	1.93	0.45	0.66	12.79
68-9-578	7375	45°19.0' N	58°03.0' W	245	20/06/68	N of Artimon Bank	SS	Sandy mud. GMT 0530.	0.3	70.4	20.6	8.6	3.04	3.93	2.47	0.95	0.95	6.51
68-9-579	7374	45°17.6' N	58°03.3' W	201	20/06/68	N of Artimon Bank	SS	Sandy mud. GMT 0547.	0	87.1	8.0	4.9	3.02	3.44	1.79	0.55	1.55	12.99
68-9-580	7403	45°16.5' N	58°03.2' W	120	20/06/68	Artimon Bank	SISb	Sandy gravel. 36 pebbles. GMT 0502.	85.9	14.1			-4.25	-3.5	2.18	0.65	0.86	4.74
68-9-581		45°11.5' N	58°03.5' W	73	20/06/68	Artimon Bank	SISb	Gravel. 2 cobbles & 10 pebbles. Growth all around & on top of rock particles. 2 attempts. Jaws open. GMT 0535.										
68-9-582	7400	45°04.0' N	58°03.0' W	128	20/06/68	S of Artimon Bank	SSa	Sand & mud. GMT 0622.	3.8	96.2			2.50	2.30	1.14	0.25	-2.19	21.9
68-9-583	7401	45°00.0' N	58°05.7' W	121	20/06/68	S of Artimon Bank	SISb	Gravel & sand. 2 cobbles. GMT 0655.	69	31			-5.29	-3.26	3.28	3.35	0.41	1.79

CRUISE - KAPUSKASING - 68-217/230 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{x}	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
68-9-584	7402	44°58.2' N	58°03.5' W	91	20/06/68	S of Artimon Bank	S1Sa	Sand w/gravel. 8 pebbles. GMT 0710.	43.9	56	0.47	-0.91	2.72	2.40	-0.23	1.69
68-9-585	7404	45°00.0' N	58°00.7' W	95	20/06/68	S of Artimon Bank	S1Sb	Gravel & sand. 1 cobble & 36 pebbles. GMT 0732.	94.4	5.6	-4.98	-4.51	1.61	0.60	1.27	9.80
68-9-586	7389	45°03.5' N	57°56.0' W	139	20/06/68	S of Artimon Bank	SS	Sand. GMT 0800.	0.5	99.5	2.46	2.42	0.48	0.20	-2.47	48.99
68-9-587	7390	45°05.0' N	57°57.0' W	69	20/06/68	Artimon Bank	S1Sb	Gravel. All pebbles & granules. GMT 0820.	76.9	23.1	-3.56	-2.85	2.12	1.55	0.38	2.43
68-9-588	7367	45°04.5' N	57°56.0' W	71	20/06/68	Artimon Bank	S1Sa	GMT 0835.	17.6	82.4	0.52	0.15	1.51	0.85	-0.68	4.54
68-9-589		45°08.0' N	57°56.0' W	77	20/06/68	Artimon Bank	S1Sb	Gravel. 2 cobbles & 6 pebbles. Growth all around rocks. 3 attempts. GMT 0855.								
68-9-590	7366	45°11.0' N	57°56.0' W	143	20/06/68	Artimon Bank	S1Sa	Sand. GMT 0930.	1.6	97.6	2.50	2.42	0.84	0.25	-2.67	37.90
68-9-591	7365	45°12.0' N	57°56.0' W	90	20/06/68	Artimon Bank	S1Sa	Gravel & sand. 17 pebbles. GMT 0945.	13.0	87	1.85	1.28	1.88	0.50	-0.94	5.14
68-9-592	7364	45°13.5' N	57°54.0' W	145	20/06/68	Artimon Bank	SS	Sand. GMT 1000.	1.0	98.9	1.81	1.83	0.71	0.45	-1.14	17.37
68-9-593	7363	45°14.0' N	57°54.5' W	90	20/06/68	Artimon Bank	S1Sa	Sand.	1.1	98.5	1.66	1.69	0.73	0.35	-1.35	22.79
68-9-594	7362	45°16.5' N	57°56.0' W	91	20/06/68	Artimon Bank	S1Sa	Gravel & sand. 1 cobble & 11 pebbles. GMT 1035.	30.4	69.6	1.21	-0.54	3.07	3.25	-0.44	1.92
68-9-595	7362	45°19.5' N	57°56.0' W	256	20/06/68	N of Artimon Bank	SS	Sand & mud. GMT 1100.	0.3	86.1	2.25	2.73	2.23	0.70	1.16	8.93
68-9-596	7360	45°21.0' N	57°56.0' W	300	20/06/68	N of Artimon Bank	SS	Sand & mud. GMT 1113.	0	90	2.61	3.09	1.79	0.30	1.73	14.83

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay					
69-2-1	8773	44°52.5' N	62°00.0' W	55	31/03/69	SW of Sherbrooke	SISb	2 cobbles & 30 pebbles. Gravel & bedrock bottom. Organic growth all around frags. 7.5Hz Echo sounder was used throughout cruise.	99.7	0.3			-5.24	0.65	0.40	1.39	24.54
69-2-2	8774	44°57.5' N	61°54.0' W	70	31/03/69	SW of Sherbrooke	SISb	Gravel & sand bottom. 5 cobbles, many pebbles. Sieve fraction virtually all igneous or metamorphic.	81.5	15	2	1.5	-4.86	3.17	1.25	0.91	6.10
69-2-3	8775	44°53.5' N	61°51.5' W	77	31/03/69	S of Sherbrooke		Gravel bottom, 4 cobbles. Organic growth all around fragments. 2 attempts.	99.4	0.5			-5.5	0.56	0.25	4.90	30.6
69-2-4	8776	44°55.5' N	61°45.0' W	62	31/03/69	S of Sherbrooke		Gravel bottom, trace of sand. One boulder, many pebbles. Organic growth all around rocks. Sand grains adhering to rock particles. 2 attempts.	97	3	0.1	0	-5.18	1.31	0.50	1.78	20.45
69-2-5	8777	44°53.5' N	61°43.0' W	78	31/03/69	SE of Sherbrooke	SISb	Gravel (pebble) bottom. Organic growth on fragments all around.	98	2			-5.15	1.14	0.45	2.39	34.51
69-2-6	8778	44°51.5' N	61°41.0' W	84	31/03/69	SE of Sherbrooke	SISb	Gravel (pebble) bottom. 2 cobbles, 23 pebbles, some granules. Organic growth all around.	99.6	0.4			-5.41	0.53	0.25	2.92	72.60

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
69-2-14		44°57.5' N	61°29.0' W	106	01/04/69	Off Country Harbour	S1Sb	Gravel, sand & brown mud. Mainly gravel & sand.	60	31	5	4	-2.64	-0.99	3.87	3.10	0.52	3.44
69-2-15		44°56.0' N	61°27.3' W	113	01/04/69	Off Country Harbour	S1Sb	Gravel & sand. 1 cobble. Organic growth on upper part of fragments. Sand adhering to rock particles. 2 attempts.	99.5	0.5			-5.5	-5.45	0.64	0.25	5.06	29.8
69-2-16		44°54.0' N	61°25.5' W	128	01/04/69	Off Country Harbour	SSb	Sieve fraction mainly igneous or metamorphic. May be some sedimentary. 1 cobble, 10 pebbles. Gravel, sand & mud.	89	7	3	2	-5.36	-4.21	3.17	0.35	1.36	9.62
69-2-17		44°53.4' N	61°20.5' W	141	01/04/69	S of Country Hbr	ESb	Mud (Brown & Black).	58	25	17		3.67	4.94	3.25	1.45	0.78	4.52
69-2-18		45°52.5' N	61°15.0' W	172	01/04/69	SE of Country Hbr	LCb	Mud (Very dark greyish-brown). brown). 10YR3/2.	5	52	42.5		7.42	7.55	2.63	2.10	0.13	2.38
69-2-19		44°54.0' N	61°17.0' N	170	01/04/69	SE of Country Hbr	LCb	Mud. 10YR3/2.	0	2	54	44	7.57	7.84	2.48	1.80	0.18	2.56
69-2-20		44°55.5' N	61°19.0' W	161	01/04/69	SE of Country Hbr	LCb	Mud. 10YR3/2.	8.0	59	34		6.59	7.14	2.81	2.10	0.37	2.77
69-2-21		44°56.5' N	61°19.5' W	128	01/04/69	SE of Country Hbr	ESb	10YR3/2. Mud, sand & gravel. Till very dark greyish brown with black zones. Stratified drift - silt unit.	61	21	11	7	-3.17	-0.91	4.97	3.90	0.47	2.88
69-2-22	8792	44°57.5' N	61°21.0' W	110	01/04/69	SE of Country Hbr	S1Sd	Sand - dark greyish-brown. Sand & gravel bottom with traces of mud. 1 cobble, many pebbles.	92	7	1	0.5	-4.76	-4.22	2.18	0.60	1.57	14.13

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean g	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt	Clay							
69-2-23	8793	45°00.5' N	61°24.0' W	91	01/04/69	SE of Country Hbr	Lcd	Nearshore facies. Muddy sand & gravel. 2.5Y4/2.	31	51	10	8	2.39	1.20	4.84	3.70	0.10	2.75	
69-2-24	8794	45°03.2' N	61°26.3' W	51	01/04/69	SE of Country Hbr	SISb	Gravel. Hard coarse gravel bottom. Organic growth all around pebbles.	100				-5.5	-5.5	0.26	0.25	0.95	63.83	
69-2-25		45°06.5' N	61°21.0' W	46	01/04/69	SE of Country Hbr	SISb	Coarse bouldery material. Both boulder & cobble red algae coating. Organic growth all around frags. 2 pebbles/1 cobble/1 boulder.											
69-2-26	8795	45°04.8' N	61°18.7' W	80	01/04/69	SE of Country Hbr	SISb	Coarse pebbly gravel. 3 cobbles/many pebbles/ 3 doz. granules. Organic growth all around frags. 3 attempts. Jaws open twice.	99.3	0.6	0.1		-4.98	-4.92	0.92	0.45	3.29	75.93	
69-2-27	8796	45°02.6' N	61°17.0' W	110	01/04/69	SE of Country Hbr	SISb	Gravel/sand/clay. 10YR3/2 or 3/3. Till-like mat'l. Softer bottom than #26. Stratified organics on upper portion of rock frags. Sand grains adhering to rock particles.	63	13	14	10	-3.3	-0.18	5.06	3.70	0.52	2.67	
69-2-28	8797	45°01.7' N	61°15.5' W	135	01/04/69	SE of Country Hbr	SS	Silt unit. Gravel/sand/mud.	1	33	45	22	5.26	5.90	3.21	2.00	0.43	3.42	
69-2-29	8798	45°00.5' N	61°14.5' W		01/04/69	SE of Country Hbr	ES	Silt unit. Sand & mud. 25Y3/2.	0	20	52	28	5.78	6.63	3.08	2.10	0.46	3.02	

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quant Dev	Skew	Kurt			
									Grav	Sand	Silt						Clay		
69-2-30	8799	44°58.4' N	61°12.2' W	155	01/04/69	SE of Country Hbr	ES	25Y3/2. Silt & sand.	0.4	36.6	35	28	5.42	5.97	3.61	2.80	0.28	2.51	
69-2-31		44°56.8' N	61°10.5' W	186.5	01/04/69	SE of Country Hbr	LC	No sample. Station bypassed.											
69-2-32	8800	44°55.5' N	61°08.8' W	188	01/04/69	SE of Country Hbr	LCb	Dark greyish brown mud.	0	0.6	56	44	7.60	8.12	2.53	1.75	0.31	2.83	
69-2-33	8801	44°53.5' N	61°06.5' W	190	01/04/69	SE of Country Hbr	LCb	Mud.	0	0.5	55	44.5	7.67	8.33	2.54	1.75	0.34	2.87	
69-2-34	8802	44°56.5' N	61°04.5' W	172	01/04/69	W of Canso Bank	SS	Mud. Silt bottom.	0	67	18	15	3.35	4.70	3.12	1.70	0.80	4.71	
69-2-35	8803	44°51.0' N	61°03.0' W	91	01/04/69	SW of Canso Bank	SISb	Gravel bottom with many pebbles & granule.	97	3	0	0	-4.67	-4.56	1.30	0.40	2.31	30.95	
69-2-36	8804	44°52.5' N	60°56.5' W	238	01/04/69	SW of Canso Bank	ES	Mud.	0	8	50	42	7.35	7.82	2.88	1.90	0.18	2.74	
69-2-37	8805	44°52.0' N	60°53.0' W	190	01/04/69	SW of Canso Bank	SS	Mud.	4	22	36	38	6.93	6.59	3.76	2.70	-0.24	3.21	
69-2-38	8806	44°54.5' N	60°59.0' W	198	01/04/69	W of Canso Bank	ES	Mud.	0	0.6	54	46	7.71	8.23	2.41	1.75	0.32	2.89	
69-2-39	8807	44°57.0' N	61°02.0' W	190	02/04/69	W of Canso Bank	LCb	Mud.	0	0	82	18	6.6	7.11	1.79	0.50	0.93	6.52	
69-2-40	8808	44°59.0' N	61°04.0' W	183	02/04/69	W of Canso Bank	ES	Mud. Sandy? Mud, some clay?	0	17	48	35	6.83	7.17	3.08	2.00	0.18	2.69	
69-2-41	8809	45°02.2' N	61°06.6' W	130	02/04/69	W of Canso Bank	ES	Malfunctioning echo sounder. 2 cobbles, many pebbles. Sand grains adhering to rock particles.	58	14	17	11	-3.79	-0.31	5.83	5.00	0.37	2.19	

approx

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
69-2-42	8810	45°04.0' N	61°08.7' W	104	02/04/69	W of Canso Bank	SS	Coarse gravel, sand & mud. Till-like? Many pebbles. Sand grains adhering to rock particles. 2 attempts.	62	18	13	8	-4.33	-1.02	5.30	4.20	0.42	2.28
69-2-43	8811	45°05.3' N	61°10.5' W	104	02/04/69	W of Canso Bank (near shore)	SISb	Gravel, sand & mud. Gravel finer & less abundant than #42. Quite sandy. Sand grains adhering.	5	68	18	9	2.91	3.51	3.19	0.95	0.37	5.95
69-2-44	8812	45°09.0' N	61°05.8' W	91	02/04/69	W of Canso Bank (near shore)	SISb	Gravel & sand. Some mud. 2-3 cobbles. Organics covering all over frags. Sand grains adhering to rocks.	53	39	4	3	-1.5	-0.76	3.28	2.35	0.52	4.00
69-2-45	8813	45°07.3' N	61°04.0' W	99	02/04/69	W of Canso Bank	SISb	Gravel/sand/silt mixture. Sand grains adhering. Till-like several cobbles.	59	26	9	6	-3.22	-0.76	4.65	3.60	0.45	2.80
69-2-46	8814	45°05.4' N	61°01.5' W	126	02/04/69	W of Canso Bank	SSb	Gravel/sand/mud. Very dark greyish brown. Munsel 1 3/2. 8 pebbles.	72	23	2	3	-5.19	-3.00	3.73	2.75	0.72	4.47
69-2-47	8815	45°04.0' N	61°00.3' W	174	02/04/69	W of Canso Bank	ESb	Very dark greyish brown. Till? Cobbles show some rounding.	50	15	21	14	-0.89	1.38	5.42	4.80	0.28	2.02
69-2-48	8816	45°02.3' N	60°58.0' W	194	02/04/69	W of Canso Bank	ESa	Gravel/sand/mud. Very dark greyish brown. Coarse sieve fraction. 1 subrounded granite cobbles & granite frags. Few very small stone frags.	60	27	6	7	-5.04	-1.59	4.91	3.65	0.51	3.04

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
69-2-49	8817	44°59.3' N	60°55.0' W	187	02/04/69	W of Canso Bank	Lcb	Dark olive grey mud.	0	1	50	48	7.89	8.12	2.34	1.70	0.15	2.64
69-2-50	8818	44°56.0' N	60°51.7' W	186.5	02/04/69	W of Canso Bank	Lca	Dark gray to greyish brown mud.	0	1	49	50	8.03	8.08	2.07	1.45	0.01	2.69
69-2-51	8819	44°53.0' N	60°48.3' W	220	02/04/69	SW of Canso Bank	Lcb	Very dk greyish brown mud.	0	0.3	58	41	7.38	8.29	2.71	1.85	0.42	2.81
69-2-52	8820	44°52.5' N	60°52.5' W	183	02/04/69	SW of Canso Bank	SS	Gravel, sand & mud.	3	77	9	11	2.72	3.60	2.96	0.70	0.65	5.17
69-2-53	8821	44°55.0' N	60°56.0' W	230	02/04/69	SW of Canso Bank	ES	Sand & mud.	0	82	8	10	2.73	3.77	2.72	0.45	1.17	7.52
69-2-54	8822	44°56.0' N	60°48.0' W	115	02/04/69	SW of Canso Bank	SS	Muddy sand. Small sample.	4	89	2	5	1.87	2.21	2.52	0.60	1.00	10.57
69-2-55	8823	44°56.0' N	60°48.0' W	115	02/04/69	W of Canso Bank	SS	Gravel & sand. Clean sand with some gravel.	35	64	0.5	1	1.62	-0.42	3.78	3.80	-0.19	1.84
69-2-56	8824	44°55.5' N	60°46.0' W	220	02/04/69	W of Canso Bank	ES	Mud. Stop b/c of weather.	0	1	58	41	7.38	8.04	2.53	1.75	0.39	2.94
69-2-57	8825	44°57.5' N	60°44.0' W	230	02/04/69	W edge Canso Bank	SS	Silt bottom.	26	40	20	14	2.64	2.60	5.11	4.40	0.10	2.53
69-2-58	8826	44°57.5' N	60°46.5' W	201	02/04/69	W of Canso Bank	ESa	Mud. Silt bottom.	0	6	23	71	6.71	7.56	2.10	1.75	-0.33	1.92
69-2-59	8827	44°59.0' N	60°48.0' W	146	02/04/69	W edge Canso Bank	SS	Gravel, sand & mud.	18	64	10	8	1.85	1.98	3.84	0.95	0.26	3.83
69-2-60	8828	45°02.0' N	60°48.3' W	165	02/04/69	W edge Canso Bank	ESa	Sand & mud. Soft silt bottom.	4	65	20	11	3.19	4.05	3.16	1.15	0.44	5.21
69-2-61	8829	45°02.7' N	60°45.7' W	124	02/04/69	W edge Canso Bank	SS	Sand & silt (mud) in almost equal proportions. Several pebbles.	41	52	3.5	3.5	1.92	-0.41	4.46	4.10	0.02	1.80

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{g}	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					
69-2-68	8833	45°10.7' N	60°50.0' W	02/04/69	NW of Canso Bank	SS	Gravel in center, gravel, sand & mud mixture on either side. Probably layers of gravel lag overlying till like mixture. 3 dozen pebbles.	62	18	12	8	-3.50	5.14	3.85	0.49	2.78
69-2-69		45°10.0' N	60°48.0' W	03/04/69	W edge of Canso Bank	SSD	Water with a trace of sand. 3 attempts.									
69-2-70	8834	45°07.0' N	60°45.3' W	03/04/69	W edge Canso Bank	SS	Mainly sand with a few pebbles (6). Probably some silt or clay.	17	66	8	9	1.72	3.73	0.80	0.51	4.67
69-2-71	8835	45°05.5' N	60°43.0' W	03/04/69	Canso Bank	SISb	Probably pebbles lying on sand. 1 cobble/24 pebbles. Organics covering on rock frags (top part). Sand grains adhering to rock frags.	98	2	0.1	0.1	-5.38	1.20	0.30	3.05	46.96
69-2-72	8836	45°03.4' N	60°41.5' W	03/04/69	W edge of Canso Bank	SS	Sand & mud.	0	88	6	6	2.81	1.94	0.50	1.48	11.47
69-2-73	8837	45°02.0' N	60°40.0' W	03/04/69	Canso Bank	SISb	Sand & mud.	0	92	4	4	2.82	1.55	0.45	1.73	15.49
69-2-74	8838	45°00.5' N	60°37.0' W	03/04/69	W edge Canso Bank	SS or SISb	1 boulder/2-3 cobbles/many pebbles. Gravel & sand.	80	19	0.5	1	-4.27	2.83	1.50	0.78	5.61
69-2-75	8839	44°58.5' N	60°36.5' W	03/04/69	Canso Bank	SISa	Gravel & sand.	45	54	0.5	1	0.73	3.45	3.35	0.01	2.02
69-2-76	8840	44°57.0' N	60°35.0' W	03/04/69	W edge Canso Bank	SS	Gravel, few pebbles.	26	72	0.5	1.5	1.39	2.76	1.85	-0.10	3.47

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
69-2-77	8841	44°56.5' N	60°33.5' W	154	03/04/69	Canso Bank	SS	Sand.	0	90	4	5	2.75	3.26	1.84	0.40	1.64	13.62
69-2-78	8842	44°55.0' N	60°31.5' W	165	03/04/69	S edge Canso Bank	SS	Mud & sand.	3	75	11	11	2.55	3.49	3.05	0.60	0.77	5.35
69-2-79	8843	44°52.0' N	60°33.5' W	113	03/04/69	S of Canso Bank	SS	Gravel & sand & pebbles.	34	64	0.5	1.5	1.03	-0.23	2.94	2.70	-0.01	3.05
69-2-80	8844	44°53.5' N	60°30.5' W	88	03/04/69	S of Canso Bank	SISd	Dark greyish brown sand. Color 25Y4/2.	6	78	6	10	2.20	2.80	3.33	0.75	0.57	5.65
69-2-81	8845	44°52.0' N	60°28.5' W	88	03/04/69	S of Canso Bank	SS or SISd	Dark greyish brown gravel & sand. Color 2.5Y4/2. Many pebbles.	58	40.5	0.5	1.0	-2.24	-1.59	3.16	2.75	0.21	2.68
69-2-82	8846	44°51.5' N	60°28.0' W	115	03/04/69	S of Canso Bank	SS	Gravel & sand. 3 cobbles & pebbles.	82	17	0.2	0.4	-5.16	-3.85	2.87	0.70	0.86	4.97
69-2-83	8847	44°52.5' N	60°24.5' W	260	03/04/69	S of Canso Bank	LC	Mud.	0	3.09	66	31	6.56	7.54	2.83	1.70	0.52	3.34
69-2-84	8848	44°54.0' N	60°24.5' W	238	03/04/69	S of Canso Bank	LC	Soft mud with some sand (grit). 2 attempts.	5	43	31	21	4.37	5.01	3.82	2.55	0.23	2.84
69-2-85	8849	44°55.0' N	60°22.7' W	223	03/04/69	S of Canso Bank	LC	Mud, soft bottom.	0	0.5	68	32	6.61	7.62	2.67	1.70	0.57	3.40
69-2-86	8850	44°55.4' N	60°23.9' W	113	03/04/69	Canso Bank	SISa	Mostly sand, some gravel. 6 pebbles.	49	49	1	1	0.81	-1.34	3.81	3.65	0.08	1.78
69-2-87	8852	44°55.5' N	60°26.5' W	241	03/04/69	S edge of Canso Bank	LC	Mud, some sand. 2 attempts.	0	24	46	30	6.30	6.77	3.15	2.30	0.36	2.78
69-2-88	8852	44°57.6' N	60°28.0' W	210	03/04/69	S edge Canso Bank	SS	Mud with sand layers & several pebbles.	0	61	17	22	3.00	4.92	3.33	2.55	0.51	2.78

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay					
69-2-89	8853	45°00.7' N	60°28.8' W	100	03/04/69	Canso Bank	SISa	Brown, clean sand. Color 10YR3/4. Several pebbles.	1	97	0.5	2	1.73	1.29	0.45	1.51	22.59
69-2-90	8854	45°04.5' N	60°33.5' W	80	03/04/69	Canso Bank	SISa	Brown, clean sand. Some minor gravel, one pebble.									
69-2-91	8855	45°09.3' N	60°38.7' W	90	03/04/69	Canso Bank	SISb	Fine gravel, sand & mud.	53	21	14	13	-1.62	5.30	4.15	0.34	2.28
69-2-92	8856	45°11.1' N	60°40.2' W	143	03/04/69	N of Canso Bank	SS	Sand & mud. Sample looked to have a lot of sand, but echo sounder showed a soft bottom. One pebble.	4	80	8	7	1.64	2.30	2.87	0.75	5.92
69-2-93	8857	45°13.1' N	60°42.8' W	150	03/04/69	N of Canso Bank	SSD	Till. 3 cobbles, 36 pebbles.	49	22	23	6	-0.52	4.44	4.90	0.20	1.68
69-2-94	8858	45°14.8' N	60°44.5' W	132	03/04/69	N of Canso Bank	SISb	Gravel lying on sand. 2 cobbles/3 pebbles. Organics covering on rock fragments. Sand grains adhering to rock fragments.	99.9	0.1			-5.48	0.40	0.20	3.65	31.0
69-2-95	8859	45°17.4' N	60°47.0' W	48	03/04/69	S of Carousse Bank	SISb	No sample. Boulder or bedrock bottom. 3 attempts.									
69-2-96	8859	45°21.8' N	60°42.7' W	58	03/04/69	E of Carousse Bank	SISb	Small amount of sand & broken shells recovered. Gravel & sand; bedrock.	80	19			-2.16	1.53	0.75	0.76	5.63

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean Ø	Median Ø	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt + Clay							
69-2-97	8860	45°20.2' N	60°40.5' W	110	03/04/69	S of Carousse Bank	SISb	Sand & mainly shell frags. For the gravel fraction taken from Fisheries Chart.	68	31	0.6	0.7	-1.43	1.57	0.65	1.43	17.81	
CA 69-2-98	8861	45°18.2' N	60°39.0' W	91	03/04/69	E of Carousse Bank	SS	Gravel/sand & mud. Depth from Fisheries Chart. 3 dozen photos.	57	14	20	9	-4.48	-0.59	5.70	5.20	0.34	1.99
69-2-99	8862	45°17.0' N	60°37.7' W	146	03/04/69	N of Canso Bank	SSD	Sand/mud & gravel. 6 pebbles. Till?	1.5	56.5	24	18	3.16	4.41	3.56	2.35	0.45	2.98
69-2-100	8863	45°16.3' N	60°37.0' W	139	03/04/69	N of Canso Bank	SSD	Till. 3 cobbles/12 pebbles. Sand & mud.	21	49	20	11	1.89	2.60	4.20	2.70	0.29	3.00
69-2-101	8864	45°15.7' N	60°36.2' W	137	03/04/69	N of Canso Bank	SS	Gravel/sand & mud. Till.	51	34	8	6	-1.33	-0.85	4.75	3.85	0.32	2.41
69-2-102	8865	45°15.0' N	60°35.0' W	143	03/04/69	N of Canso Bank	SS	Till. Gravel/sand & mud.	73	21	3	2	-5.28	-3.11	3.86	2.70	0.72	4.15
69-2-103	8866	45°13.5' N	60°33.0' W	143	03/04/69	N of Canso Bank	SS	Muddy sand.	0.2	90	3	6	1.69	2.33	2.48	0.55	1.42	10.83
69-2-104	8867	45°12.0' N	60°31.5' W	137	03/04/69	N of Canso Bank	ES	Mud-silt bottom.	0.1	35	52	13	4.57	5.23	2.34	1.30	0.62	4.48
69-2-105	8868	45°10.5' N	60°30.5' W	77	03/04/69	Canso Bank	SISb	Gravel with some sand. One cobble, many pebbles.	91	8	0.2	0.3	-5.19	-4.41	2.13	0.70	1.37	11.50
69-2-106	8869	45°06.0' N	60°25.0' W	66	03/04/69	Canso Bank	SISa	Greyish brown sand. Color 10YR5/2. GSA Rock Color Chart. Sand fairly fine grain.	99.8				1.60	1.65	0.45	0.25	0.37	6.43
69-2-107	8870	45°01.5' N	60°21.0' W	77	03/04/69	S Canso Bank	SISb	Gravel & sand. One cobble. Poor sample, jaws open. 3 attempts.	88	11	0.2	0.4	-5.36	-4.31	2.56	0.30	1.12	7.56

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean $\bar{\phi}$	Median $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay						
69-2-108	8871	44°58.0' N	60°22.0' W	161	03/04/69	S edge Canso Bank	SS	Sandy mud, silt bottom.	1	68	22	9	3.44	4.05	2.51	1.05	0.53	4.68
69-2-109	8872	44°57.5' N	60°21.5' W	252	03/04/69	S of Canso Bank	LC	Mud.	0	3	65	33	6.62	7.66	2.88	1.80	0.51	3.13
69-2-110	8873	44°59.0' N	60°19.5' W	144	04/04/69	S of Canso Bank	SISd	Mainly sand, some gravel. One cobble, several pebbles and granules. Organics covering on rock fragments in top part. Sand grains adhering to rock fragments.	38	61	0.6	0.6	1.21	-0.92	3.54	3.50	-0.15	1.73
69-2-111	8874	44°57.3' N	60°15.6' W	186	04/04/69	S of Canso Bank	LC	Mud.	0	24	55	21	5.53	6.19	2.90	1.60	0.60	3.94
69-2-112	8875	44°53.0' N	60°16.0' W	165	04/04/69	S of Canso Bank	SS	Silt & sand with several pebbles. Organics covering on rock frags in top part. Sand grains adhering to rock fragments.	41	54	3	2	1.39	-0.77	4.11	3.85	-0.00	1.82
69-2-113	8876	44°54.2' N	60°12.4' W	276	04/04/69	S of Canso Bank	SS	Mud.	0	3	69	28	6.14	7.07	2.61	1.60	0.59	3.64
69-2-114	8877	44°53.0' N	60°10.9' W	177	04/04/69	S of Canso Bank	SS	Muddy sand. One pebble.	1	93	3	3	2.32	2.46	1.57	0.45	1.33	13.26
69-2-115	8878	44°52.3' N	60°10.1' W	150	04/04/69	S of Canso Bank	SISb	Sand/mud/minor gravel/ several pebbles. 2 attempts.	10.5	82	3.5	4	2.39	2.08	2.66	0.55	-0.20	5.68
69-2-116	8879	44°52.5' N	60°04.0' W	203	04/04/69	S of Canso Bank	SISd	Mud.	0	33	48	19	5.29	5.84	2.90	1.65	0.59	3.95

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{x}	Std Dev	Quant Dev	Skew	Kurt		
									Grav	Sand	Silt + Clay							
69-2-117	8880	44°53.0' N	60°02.5' W	143	04/04/69	S of Canso Bank	SS	Sand bottom/some gravel/ very little mud/12 pebbles/ 2 cobbles. Sand grains adhering to rock frags.	25	71	2	2	1.37	0.11	3.41	1.65	-0.22	2.93
69-2-118	8881	44°53.7' N	60°03.0' W	95	04/04/69	S of Canso Bank	SS	Gravel & sand. One cobble, many pebbles, some shell frags. Organics covering on rock frags in top part. Sand grains adhering to rock fragments.	53	46	0.5	0.5	-1.75	-0.80	2.55	2.50	0.19	2.52
69-2-119	8882	44°54.8' N	60°03.8' W	186	04/04/69	S of Canso Bank	SS	Mud, some sand.	0	50	33	17	3.99	5.20	3.16	1.90	0.63	3.95
69-2-120	8883	44°57.0' N	60°06.9' W	134	04/04/69	SE of Canso Bank	SS	Sand & mud.	0.3	85	9	5	2.38	2.90	2.09	0.55	1.08	7.49
69-2-121	8884	44°56.7' N	60°11.0' W	210	04/04/69	S of Canso Bank	LC	Sandy mud.	0	46	25	29	4.21	5.54	2.74	2.50	0.32	2.06
69-2-122	8885	44°59.3' N	60°09.4' W	101	04/04/69	S of Canso Bank	ES	Gravel & sand. 12 pebbles.	46	46	7	2	1.10	-0.75	3.75	3.40	0.07	1.91
69-2-123	8886	45°02.4' N	60°13.0' W	137	04/04/69	Canso Bank	SS	Sandy mud.	0	85	7	8	2.86	3.65	2.43	0.55	1.41	10.43
69-2-124	8887	45°08.3' N	60°19.0' W	64	04/04/69	Canso Bank	SISA	Sand.	1	99			1.40	1.30	0.67	0.35	-0.53	7.97
69-2-125	8888	45°11.5' N	60°22.5' W	77	04/04/69	Canso Bank	SISb	One pebble, some sand. Small sample.	66	33			-5.29	-3.19	3.27	3.35	0.36	1.56
69-2-126	8889	45°14.7' N	60°26.0' W	95	04/04/69	N Canso Bank	SISA	Dark greyish brown sand. Color 10YR4/2. Gravel, granules.	23	75	0.5	1.1	0.38	0.17	1.71	0.90	0.88	12.60

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Median ϕ	Std Dev	Quant Dev	Skew	Kurt
									Grav	Sand	Silt	Clay						
69-2-127	8890	45°16.0' N	60°27.0' W	123	04/04/69	N of Canso Bank	SS	Muddy sand.	0.5	82.5	8.5	8.5	1.87	2.86	2.88	0.75	1.13	7.70
69-2-128	8891	45°17.0' N	60°28.5' W	95	04/04/69	N of Canso Bank	SISa	Sand/gravel & mud. Till? One cobble/pebbles/granules.	68	25	3	4	-3.70	-1.84	3.64	2.75	0.72	4.37
69-2-129	8892	45°18.0' N	60°29.5' W	157	04/04/69	N of Canso Bank	SS	Sandy mud.	1	34	47	18	5.44	5.58	3.21	2.40	0.16	2.86
69-2-130	8893	45°19.0' N	60°30.5' W	168	04/04/69	N of Canso Bank	SS	Sand with gravel & mud. Sieve fraction - mainly igneous & metamorphic. May also be some sed'tory.	64	23	8	5	-3.34	-1.36	4.41	3.15	0.59	3.56
69-2-131	8894	45°19.5' N	60°31.0' W	168	04/04/69	N of Canso Bank	ES	Mud with sand & gravel. Till.	0.2	25	52	24	0.58	6.30	3.21	1.85	0.42	3.25
69-2-132	8895	45°20.5' N	60°33.0' W	110	04/04/69	N of Canso Bank	SS	Sand with mud & gravel. Till? 62	31	3.5	4		-3.06	-1.50	3.60	2.75	0.62	4.08
69-2-133	8896	45°22.5' N	60°35.0' W	84	04/04/69	E of Carousse Bank	SISb	Bedrock. No sample.										
69-2-134	8896	45°25.0' N	60°36.0' W	155	04/04/69	N of Canso Bank	LC	Mud.	0	15	55	30	6.46	7.01	2.94	1.90	0.37	3.02
69-2-135	8897	45°27.5' N	60°40.0' W	140	04/04/69	E of Chedabucto Bay	LC	Mud. Depth from Fisheries.	0	2	70	28	6.38	7.10	2.61	1.55	0.54	3.69
69-2-136	8898	45°29.0' N	60°42.0' W	138	04/04/69	E of Chedabucto Bay	LC	Mud.	0	3	71	26	6.04	6.92	2.74	1.60	0.59	3.78
69-2-137	8899	45°30.5' N	60°43.0' W	104	04/04/69	E of Chedabucto Bay	SSD	Gravel/sand & mud.	25.5	41	26	7	0.78	1.82	3.83	2.80	0.36	3.09
69-2-138	8900	45°27.6' N	61°10.5' W	26	04/04/69	Chedabucto Bay	LC	Sandy mud 2.5YR3/2.	0	30	51	20	4.71	5.71	2.80	1.55	0.61	3.79
69-2-139	8901	45°23.8' N	61°13.5' W	37	04/04/69	Chedabucto Bay	SISc near-shore	Gravel with sand & mud. Many pebbles.	58	21	13	8	-2.27	-0.18	4.85	3.45	0.41	2.75

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean Ø	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
69-2-140	8902	45°22.0' N	61°18.8' W	44	04/04/69	Chedabucto Bay	LCb	Mud. Color 5YR3/3	1	1	75	23	5.93	6.68	2.68	1.40	0.43	4.70
PC 69-2-140	8752	45°22.0' N	61°18.8' W	44	04/04/69	Chedabucto Bay	LC	1211 st core barrel used. Intervals: 30-34 cm : 150-154 cm : 250-254 cm	0.1	0.6	68.8	30.6	6.59	7.59	3.02	1.85	0.52	3.10
									0.4	6.0	61.0	32.5	6.67	7.25	3.04	1.75	0.17	3.43
									35.4	43.8	12.3	8.4	0.32	1.18	3.97	2.30	0.55	3.62
69-2-141	8903	45°24.2' N	61°19.7' W	35	04/04/69	Chedabucto Bay	LC	Mud.	0	2	78	20	5.72	6.51	2.50	1.30	0.70	4.81
69-2-142	8904	45°22.5' N	61°24.7' W	31	04/04/69	Chedabucto Bay	LC	Mud.	0	1	74	26	6.24	7.00	2.49	1.40	0.58	4.09
69-2-143	8905	45°22.6' N	61°07.4' W	70	04/04/69	Chedabucto Bay	LC	Mud with sand & gravel. One cobble. Sand grains adhering to rock frags.	0	9	66	25	6.10	6.73	2.76	1.55	0.47	3.63
69-2-144	8906	45°25.0' N	61°03.8' W	58	04/04/69	Chedabucto Bay	SS	Mud with sand & gravel. Two cobbles, many pebbles. Sand grains adhering to rock frags. 2 attempts.	37	31	24	9	1.54	1.30	4.90	4.05	0.13	2.23
69-2-145	8907	45°22.5' N	61°00.0' W	91	04/04/69	Chedabucto Bay	LC	Mud.	0	1	76	22	6.23	6.84	2.03	1.10	0.57	3.93
69-2-146	8908	45°26.0' N	60°57.2' W	102	04/04/69	Chedabucto Bay	LC	Mud.	0	2	76	22	6.15	6.70	2.22	1.15	0.54	4.40
69-2-147		46°23.0' N	60°53.5' W	70	04/04/69	Chedabucto Bay	SISb	No sample kept. Gravel, 2 cobbles. Organics covering top part on rock fragments. 2 attempts.										
69-2-148	8909	45°27.5' N	60°49.0' W	122	04/04/69	Chedabucto Bay	LCc	Mud.	0.3	19	62	19	5.41	6.11	2.74	1.40	0.59	4.45
69-2-149	8910	45°28.0' N	60°44.0' W	141	04/04/69	Chedabucto Bay	LC	Mud.	0.3	9	76	15	5.81	6.38	2.52	1.00	0.73	5.85

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Silt	Clay							
69-2-150	8911	45°25.5' N	60°47.0' W	104	05/04/69	Chedabucto Bay	SSD	Gravel/sand & mud. 2 cobbles, many pebbles & granules. Sand grains adhering to rock frags.	85	12	2	2	-5.24	-3.80	3.18	1.05	1.10	7.64
69-2-151	8912	45°23.5' N	60°45.0' W	115	05/04/69	Chedabucto Bay	SSD	Gravel/sand & mud. One cobble, many pebbles & granules. Sand grains adhering to rock frags.	61	13	19	7	-2.76	-0.31	5.06	4.30	0.39	2.23
69-2-152	8970	45°31.4' N	60°35.8' W	124	05/04/69	E of Isle Madame	SSD	Mud/some gravel & sand (fill-like?). Soft bottom alternating with hard. Several cobbles/many pebbles.	79	2	13	6	-5.39	-3.02	5.01	0.30	0.83	4.14
69-2-153	8971	45°28.6' N	60°32.8' W	166	05/04/69	N of Canso Bank	LC	Mud, greyish brown; clay, grey & brown, layering.	0	1	77	23	6.16	6.83	2.01	1.10	0.55	4.31
69-2-154	8972	45°26.3' N	60°30.5' W	174	05/04/69	N of Canso Bank	LC	Mud, stratified grey and brown clay (muddy).	0	2	70	28	6.34	7.26	2.68	1.50	0.57	3.82
69-2-155	8973	45°24.5' N	60°28.3' W	174	05/04/69	N of Canso Bank	SSa	Mud, same as 153 & 154, stratified.	0	4	73	23	6.02	6.88	2.61	1.20	0.66	4.39
69-2-156	8974	45°23.0' N	60°26.3' W	119	05/04/69	N of Canso Bank	SSa	Sand & fine gravel. Some mud. Many granules, one cobble.	5	68	12	15	1.76	3.22	3.82	1.80	0.68	4.11
69-2-157	8975	45°21.7' N	60°25.0' W	135	05/04/69	N of Canso Bank	ESa	Mud, sand & gravel. Six pebbles. Sand grains adhering to rock frags.	14	21	46	18	4.81	4.51	4.62	2.15	-0.21	3.11

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
69-2-158	8976	45°22.5' N	60°21.5' W	139	05/04/69	N of Canso Bank	SS	Mud.	1	48	33	19	4.17	5.28	3.30	2.10	0.53	3.57
69-2-159	8977	45°20.5' N	60°23.5' W	146	05/04/69	N of Canso Bank	LC	Mud.	0	5	69	27	6.10	7.00	2.83	1.60	0.56	3.66
69-2-160	8978	45°20.6' N	60°22.0' W	154	05/04/69	N of Canso Bank	LC	Mud.	0	4	69	27	6.35	7.20	2.78	1.50	0.54	3.73
69-2-161	8979	45°18.5' N	60°23.0' W	117	05/04/69	N of Canso Bank	SS	Gravel & mud with sand; 6 cobbles, many pebbles & granules. Sand grains adhering to rock fragments.	41	50	5	4	0.67	-0.70	4.30	3.65	0.15	2.29
69-2-162	8980	45°18.0' N	60°21.0' W	172	05/04/69	N of Canso	LCb	Mud, grey & brown.	0	2	67	31	6.58	7.54	2.77	1.65	0.53	3.37
69-2-163	8981	45°16.5' N	60°21.0' W	174	05/04/69	N of Canso Bank	LCb	Mud.	1.2	1.8	70	27	6.31	7.10	2.80	1.50	0.38	4.29
69-2-164	8982	45°15.4' N	60°17.6' W	123	05/04/69	N of Canso Bank	SS	Mud with sand.	0.5	84	7.5	8	2.74	3.56	2.59	0.50	1.18	8.73
69-2-165	8983	45°13.7' N	60°16.2' W	154	05/04/69	Canso Bank	SISb	Sand & mud.	4.5	87	5	4	1.99	2.10	2.11	0.60	0.56	7.70
69-2-166	8984	45°11.5' N	60°14.0' W	69	05/04/69	Canso Bank	SISb	Sand with gravel. 24 pebbles & granules.	59	40	0.3	0.6	-2.70	-1.34	2.72	2.55	0.29	2.58
69-2-167	8985	45°08.0' N	60°10.0' W	64	05/04/69	Canso Bank	SISa	Sand with several small pebbles.	8.5	91.5			1.25	0.89	1.18	0.45	-1.10	7.78
69-2-168	8986	45°06.0' N	60°07.5' W	69.5	05/04/69	Canso Bank	SISa	Sand with gravel (few small pebbles [10]).	9.2	91			1.32	0.91	1.33	0.40	-1.13	7.64
69-2-169	8987	45°03.0' N	60°04.5' W	104	05/04/69	Canso Bank	SISa	Sand with gravel, one pebble, several granules, brown sand. 2 attempts.	0.5	98	0.5	1	1.74	1.85	1.02	0.45	1.89	32.42

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean g	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
69-2-170	8998	45°02.0' N	60°03.0' W	100	06/04/69	SE Canso Bank	S1Sb	Gravel, pebbles lying on sand, 36 pebbles. Organics covering top part on rock frags. Sand grains adhering to rock frags. 2 attempts.	98	2			-4.77	1.03	0.45	2.03	26.9	
69-2-171	8989	45°00.7' N	60°01.5' W	119	06/04/69	SE Canso Bank	S1Sb	Gravel, 2 cobbles, 2 pebbles. 2 attempts. Jaws open at surface.	99.5	0.5			-5.45	0.58	0.20	4.60	19.9	
69-2-172	8990	44°57.7' N	69°48.0' W	193	06/04/69	SE of Canso Bank	SS	Sand & mud, some gravel, 3 pebbles, 111?	32	30	19	18	3.06	2.45	5.51	5.50	0.04	1.91
69-2-173	8991	44°58.0' N	59°58.2' W	179	06/04/69	SE of Canso Bank	ES	One cobble, sand & mud.	4	67	14	15	2.41	3.78	3.70	2.10	0.63	3.88
69-2-174	8992	44°54.2' N	59°54.0' W	238	06/04/69	SE of Canso Bank	LC	Mud.	0	5	68	27	6.29	7.18	2.85	1.45	0.53	3.70
69-2-175	8993	44°52.8' N	59°53.0' W	201	06/04/69	SE of Canso Bank	SS	Mud with sand & gravel, very dark greyish brown, 6 pebbles.	28	50	11	10	2.01	1.43	4.89	3.25	0.12	2.78
69-2-176	8994	45°06.7' N	59°59.2' W	154	06/04/69	E of Canso Bank	SS	Sand with mud.	3	85	5	7	2.27	2.82	2.77	0.55	1.07	8.83
69-2-177	8995	45°09.0' N	60°02.5' W	106	06/04/69	Canso Bank	S1Sa	Sand with gravel (trace); clean sand.	6	91	1	1	1.54	1.59	1.89	0.40	-0.21	10.62
69-2-178	8996	45°12.0' N	60°05.5' W	104	06/04/69	NE Canso Bank	S1Sa	Sand.	1	94	2	3	2.30	2.43	1.59	0.40	1.70	18.68
69-2-179	8997	45°14.0' N	60°06.0' W	121	06/04/69	N edge Canso Bank	SS	Sand.	0.5	85	8	7	2.43	3.02	2.39	0.55	1.22	9.10
69-2-180	8998	45°14.5' N	60°06.0' W	134	06/04/69	NE edge Canso Bank	ES	Sandy mud.	0	56	30	14	3.84	4.96	2.86	1.00	0.92	5.73

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt							Clay
69-2-181	8999	45°15.0' N	60°09.0' W	154	06/04/69	NE Canso Bank	SS	Sandy mud.	0	76	13	11	2.88	4.04	2.95	0.75	1.09	7.10
69-2-182	9000	45°18.2' N	60°12.0' W	165	06/04/69	N Canso Bank	SISb	Mud, sand, some clay, several pebbles.	15	36	28	21	3.94	4.30	4.86	2.65	-0.01	2.72
69-2-183	9001	45°20.2' N	60°14.2' W	157	06/04/69	N of Canso Bank	SS	Soft mud bottom.	0.3	24	54	22	5.73	6.38	3.11	1.85	0.43	3.47
69-2-184	9002	45°22.5' N	60°16.5' W	172	06/04/69	N of Canso Bank	ESa	Soft mud bottom.	0	34	46	19	5.35	5.81	3.09	1.75	0.53	3.75
69-2-185	9003	45°25.0' N	60°18.1' W	121	06/04/69	N of Canso Bank	SISd	Mostly sand, some mud; (silt?); many pebbles.	0	87	6	7	2.19	2.94	2.66	0.50	1.36	9.83
69-2-186	9004	45°25.4' N	60°20.0' W	135	06/04/69	N of Canso Bank	SSD	Mostly mud with sand & a little gravel. One cobble, several pebbles, many granules.	1	60	24	16	2.76	4.51	3.48	2.15	0.6	3.83
69-2-187	9005	45°28.3' N	60°23.4' W	170	06/04/69	N of Canso Bank	SSD	Mostly sand, some gravel, a little mud. 4 cobbles, many pebbles & granules.	34	54	6	6	1.47	0.33	4.38	3.45	0.16	2.82
69-2-188	9006	45°30.5' N	60°26.0' W	225	06/04/69	N of Canso Bank	LC	Mud with fine sand & silt.	0.2	11	70	19	6.10	6.32	2.26	1.20	0.41	3.80
69-2-189	9007	45°33.0' N	60°28.5' W	143	06/04/69	N of Canso Bank	SSD	Fill-like, gravel, sand & clay. Silt mixture, many pebbles & granules.	4	22	53	21	5.64	5.92	3.49	1.75	0.16	3.59

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay					
69-2-190	9008	45°36.0' N	60°22.5' W	46	06/04/69	Nearshore off Framboise Cove	SISb	Gravel & sand with some clay. Till. One cobble, many pebbles & granules. Organics covering on top part of rock frags. Sand grains adhering to rock frags.	88	7	4	2	-3.55	3.01	1.00	1.14	8.37
69-2-191	9009	45°34.0' N	60°20.4' W	163	06/04/69	N of Canso Bank	LC	Very dark greyish mud.	0.4	5	68.5	26	6.12	2.93	1.70	0.51	3.74
69-2-192	9010	45°31.6' N	60°17.6' W	152	06/04/69	N of Canso Bank	SSD	Mud with sand & gravel. 35 pebbles.	0.2	27	52	21	5.45	3.08	1.75	0.43	3.49
69-2-193	9011	45°29.3' N	60°14.7' W	164	06/04/69	N of Canso Bank	SSD	Gravel, sand & mud. 2 pebbles.	15	15	52	17	5.61	4.48	1.75	-0.38	3.25
69-2-194	9012	45°27.3' N	60°12.7' W	123	06/04/69	N of Canso Bank	LC	Sand & gravel. One cobble. Organics covering top part on rock fragments.	3	84	5	8	2.36	3.01	0.45	1.19	9.08
69-2-195	9013	45°24.9' N	60°10.3' W	164	06/04/69	N of Canso Bank	SSb	Gravel, sand & mud. 6 pebbles.	16.5	41	27	15.5	3.04	4.72	2.30	0.05	2.91
69-2-196	9014	44°22.8' N	60°08.0' W	113	06/04/69	N of Canso Bank	SISd	Gravel, sand & mud. 3 pebbles.	32	64	2	2	1.47	-0.05	3.00	-0.14	2.56
69-2-197	9015	45°21.6' N	60°06.7' W	124	06/04/69	N of Canso Bank	SSa	Gravel, sand & mud. Till. 2 cobbles, 6 pebbles.	1.4	83	9	7	2.52	3.16	0.75	1.09	8.53
69-2-198	9016	45°20.0' N	60°08.0' W	153	06/04/69	N of Canso Bank	ES	Sandy mud.	0	43	40	16.5	4.40	3.09	1.65	0.70	4.45
69-2-199	9017	45°19.5' N	60°06.4' W	137	06/04/69	NE of Canso Bank	SISa	Sand & mud.	0	82	9	9	2.45	2.79	0.50	1.15	7.68

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
69-2-200	9018	45°19.4' N	60°05.4' W	123	06/04/69	N of Canso Bank	SISd	Dark brown mud with sand.	0.3	84	7	9	2.47	3.31	2.77	0.45	1.20	8.10
69-2-201	9019	45°18.9' N	60°03.4' W	186	06/04/69	N of Canso Bank	SS	Mud.	0	8	65.5	26.5	6.39	7.08	2.79	1.45	0.53	3.70
69-2-202	9020	45°23.0' N	59°59.0' W	161	06/04/69	N of Sable Island	SS	Mud.	0	2	71	26	6.54	7.30	2.53	1.20	0.63	4.16
69-2-203	9021	45°25.0' N	60°02.0' W	165	06/04/69	N of Sable Island	SS	Sand with gravel & mud. Till.	44	13	32	11	2.62	0.96	6.07	5.65	0.09	1.64
69-2-204	9022	45°28.0' N	60°05.0' W	168	06/04/69	NE of Canso Bank	LC	Mud.	0	5	70	25	6.47	7.13	2.65	1.25	0.56	4.09
69-2-205	9023	45°31.5' N	60°08.0' W	165	06/04/69	NE of Canso Bank	LC	Mud.	0	2	73	25	6.45	7.07	2.31	1.20	0.58	3.92
69-2-206	9024	45°33.5' N	60°10.5' W	165	06/04/69	NNE of Canso Bank	LC	Mud.	0.5	4	71	24	6.28	6.98	2.68	1.25	0.54	4.35
69-2-207	9025	45°35.5' N	60°13.0' W	135	06/04/69	N of Canso Bank	LC	Mud.	0	5	80	15	6.03	6.33	1.91	0.95	0.63	4.82
69-2-208	9026	45°38.5' N	60°07.0' W	51	06/04/69	Inner shelf off Fourchu Head	SISb	Gravel & sand. Many shells. Rocks in sieve fraction mainly granites.	62	31	4	3	-2.33	-1.57	3.55	2.70	0.55	4.00
69-2-209	9027	45°38.0' N	60°06.5' W	117	06/04/69	Off Fourchu Head	SS	Mud.	0	13	66	21	5.39	6.41	2.94	1.40	0.70	4.18
69-2-210	9028	45°37.5' N	60°06.0' W	117	06/04/69	Off Fourchu Head	LC	Mud, soft bottom.	0	21	67	12	4.89	5.58	2.13	1.20	0.69	4.75
69-2-211	9029	45°36.9' N	60°03.2' W	146	07/04/69	S off Louisbourg	LC	Mud, one cobble.	0	10	69	21	5.60	6.41	2.66	1.40	0.65	4.22
69-2-212	9030	45°35.4' N	60°04.0' W	148	07/04/69	S off Louisbourg	LC	Mud, with sand & gravel.	41	24	25.5	9.5	1.98	1.14	5.14	4.55	0.14	1.93

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages				Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay					
69-2-213	9031	45°35.3' N	60°02.7' W	07/04/69	S of Louisbourg	SSD	Coarse gravel/sand/clayey mud/silt texture. Several cobbles/pebbles/granules. Organics covering top part on rock frags. Sand grains adhering to rock frags.	72	16	7	4	-3.09	4.03	2.60	0.65	3.88	
69-2-214	9032	45°33.0' N	60°01.1' W	07/04/69	S of Louisbourg	ES	Mud with sand & gravel. 2 cobbles/several pebbles. Sand grains adhering to rock frags.	0.3	12	65	22	5.71	2.98	1.45	0.52	3.92	
69-2-215	9033	45°31.4' N	59°59.4' W	07/04/69	S of Louisbourg	SSD	Mud with sand & gravel.	1.4	77	12	10	2.42	3.43	0.75	0.99	6.66	
CA 69-2-216		44°26.7' N	63°03.5' W	08/04/69	SE of Halifax	SISb	Sand & gravel. 2 samples. 2 photo stations. Shipborne F-11 & F-8.										
CA 69-2-217	9035	44°14.0' N	62°58.0' W	09/04/69	N of Emerald Basin	LC	Clay bottom. Shipborne F-8.	0.1	0.5	57	42	7.52	2.50	1.70	0.43	3.28	
CA 69-2-218	9036	44°15.6' N	62°58.6' W	09/04/69	N of Emerald Basin	LC	Silt bottom. Shipborne F-8.	0.1	1	50	49	7.93	2.45	1.65	0.27	3.32	
CA 69-2-219	9037	44°21.15' N	63°01.0' W	09/04/69	N of Emerald Basin	SSD	Till bottom. Shipborne F-8.	11.5	83.5	1	4	1.45	1.17	2.91	0.55	0.16	7.26
CA 69-2-220	9038	44°25.25' N	63°04.35' W	09/04/69	SE of Halifax	SISb	Sand & gravel bottom. Shipborne F-8.	0.1	96	1.5	2.6	2.12	1.48	0.60	1.49	15.42	
CA 69-2-221	9039	44°35.3' N	61°16.0' W	09/04/69	Middle Bank	SISa	Sand & gravel. Shipborne F-8.	0.1	87.5	5.5	7	2.77	3.40	2.58	0.55	11.77	
CA 69-2-222	9040	44°39.2' N	61°20.0' W	09/04/69	Middle Bank	SISa	Just above terrace. Shipborne F-8.	12.3	86	0.3	1.2	1.42	0.94	2.06	0.40	-0.31	7.81

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt			
									Grav	Sand	Silt Clay								
CA 69-2-232		46°04.02'N	59°07.04'W	78	09/05/69	St Anne's Bank	SISb	Sand & gravel. Shipborne F-8.	0	1	62	37	7.02	2.56	1.60	0.50	3.32		
PC 69-2-233	8712-14	46°12.0	58°20.0		09/05/69	E of St Anne's Bank	SSD	Piston core. Core in till. Liner used.	0.4	20.3	27.0	52.3	8.19	7.81	3.52	2.75	-0.09	2.28	
								Intervals: 5-10 cm	0.7	5.4	35.1	58.8	8.66	8.5	3.00	2.05	-0.17	3.24	
								: 15-18 cm	2.3	37.7	30.6	29.4	4.92	6.02	4.14	2.95	0.27	2.48	
								: 95-99 cm											
69-2-234	9034	46°12.0' N	57°41.03'W	472	11/05/69	N Laurentian Chnl	LCb	Soft mud bottom.	0	1	62	37	7.02	2.56	1.60	0.50	3.32		
69-2-235	9035	46°02.0' N	57°41.03'W	501	11/05/69	N Laurentian Chnl	LC	Mud.	0.1	0.5	57	42.5	7.52	8.45	2.50	1.70	0.43	3.28	
69-2-236	9036	45°52.0' N	57°41.5' W	501	11/05/69	Laurentian Channel	LCb	Mud.	0.1	1	50	49	7.93	8.68	2.45	1.65	0.27	3.32	
69-2-237	9037	45°23.0' N	57°48.5' W	186	11/05/69	NE of Artimon Bank	SSb	Gravel & sand.	11.5	83.5	1	4	1.45	1.17	2.91	0.55	0.16	7.26	
69-2-238	9038	45°21.5' N	57°51.0' W	154	11/05/69	NE of Artimon Bank	SSb	Sand.	0	96	1.5	2.5	2.12	2.26	1.48	0.60	1.49	15.42	
69-2-239	9039	45°21.0' N	57°48.5' W	234	11/05/69	NE of Artimon Bank	SSb	Sand & mud.	0.1	87.5	5.5	7	2.77	3.40	2.38	0.55	1.49	11.77	
69-2-240	9040	45°18.5' N	57°48.5' W	117	11/05/69	NE of Artimon Bank	SSb	Sand & mud.	12	86	0.2	1	1.42	0.94	2.06	0.40	-0.31	7.81	
69-2-241	9041	45°17.7' N	57°48.5' W	121	11/05/69	E of Artimon Bank	SSb	Clastic carbonate mud.	59	40	0	0	-4.47	-2.29	3.43	3.45	0.19	1.28	
69-2-242	9042	45°16.2' N	57°45.5' W	247	11/05/69	Artimon Bank	SSb	Sand & mud.	0	70	19	11	3.42	4.34	2.77	0.75	1.09	7.29	
69-2-243	9043	45°15.0' N	57°49.5' W	201	11/05/69	Artimon Bank	SISb	Sand & mud.	36	62	1	1	1.82	-0.20	3.60	3.50	-0.18	1.93	
69-2-244	9044	45°14.2' N	57°52.5' W	117	11/05/69	The Heart, Artimon Bank	SS	Sand & mud.	1	93	3	4	2.46	2.69	1.80	0.35	1.54	16.60	

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean Ø	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt + Clay							
69-2-245	9045	45°13.2' N	57°50.5' W	101	11/05/69	The Heart, Artimon Bank	SS	Sand.	2	96	0	0	2.36	2.19	0.97	0.30	-1.70	20.09
69-2-246	9046	45°10.02' N	57°49.0' W	93	11/05/69	Artimon Bank	SISb	Gravel & sand. Several pebbles/1 cobble. Organics covering top part of rock frags. Sand grains adhering to rock fragments.	65	35			-4.83	-2.77	3.21	3.30	0.28	1.49
69-2-247	9047	45°07.2' N	57°47.05' W	89	11/05/69	Artimon Bank	SISa	Sand & gravel. Many pebbles. Organics covering top part of rock frags. Sand grains adhering to rock fragments.	9	90			1.12	0.83	1.21	0.70	-0.42	3.99
69-2-248	9048	45°06.1' N	57°47.0' W	135	11/05/69	SE of Artimon Bank	SISd	Gravel & sand. 2 cobbles, many pebbles. Organics covering top part of rock frags. Sand grains adhering to rock fragments.	30.5	68	0.5	1	1.00	-0.01	2.89	2.75	-0.11	2.76
69-2-249	9049	45°05.0' N	57°46.02' W	117	11/05/69	SE of Artimon Bank	SS	Gravel & sand. Several Organics covering top part of rock frags. Sand grains adhering to rock fragments.	66	33	0.3	0.7	-4.80	-2.78	3.28	3.00	0.42	2.72
69-2-250	9050	45°05.0' N	57°50.04' W	124	11/05/69	S edge of Artimon Bank	SS	Several pebbles, mainly sand. Organics covering top part of rock frags. Sand grains adhering to rock fragments.	1.0	98	0.2	1	1.83	1.66	1.33	0.85	0.97	14.46
69-2-251	9051	45°03.04' N	57°53.0' W	154	11/05/69	S of Artimon Bank	SS	Mostly sand/some fine gravel.	4.5	94	0.5	1	1.66	1.48	1.51	0.85	0.67	11.23

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Median ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Silt	Clay							
69-2-252	9052	45°00.00'N	57°54.0' W	88	11/05/69	N of Banquereau Bank	SLSa	Sand & gravel/many pebbles/ 1 cobbles. Organics covering top part of rock frags. Sand grains adhering to rock frags.	47	52	0.2	0.6	0.63	-0.93	3.02	2.90	0.05	1.94
69-2-253	9053	45°05.0' N	57°40.08'W	139	11/05/69	NE edge of Banquereau Bank	SS	Gravel & sand. 2 cobbles. Many pebbles. Organics covering top part of rock frags. Sand grains adhering to rock fragments.	38	60.5	0.5	1	0.18	-1.33	3.18	3.00	0.01	2.77
69-2-254	9054	45°06.08'N	57°40.05'W	173	11/05/69	SE of Artimon Bank	SS	Sand.	2.6	94.3	1.1	2.0	2.09	1.79	1.78	1.15	0.68	8.17
69-2-255	9055	45°09.5' N	57°41.5' W	96	11/05/69	Artimon Bank	SLSa	Small pebbles. Buff sand, med-coarse, appears clean. Pebbles mainly flat & thin.	8.5	91			1.10	0.76	1.23	0.60	-0.74	6.17
69-2-256	9056	45°12.0' N	57°41.5' W	115	11/05/69	E edge of Artimon Bank	SS	Mainly sand. 12-15 small pebbles. 1/2-1" in size.	15	85	0.3	1	1.26	0.75	2.05	0.70	-0.03	7.10
69-2-257	9057	45°17.0' N	57°41.5' W	243	11/05/69	NE of Artimon Bank	SSD	Sandy mud.	4.1	75.0	12.7	8.2	2.22	3.00	3.12	1.00	0.92	7.18
69-2-258	9058	45°22.0' N	57°41.5' W	338	11/05/69	Laurentian Channel	LC	Sandy mud.	0.3	18	60.9	20.8	5.95	6.28	2.74	1.55	0.33	3.52
PC 69-2-259	8715	45°32.0' N	57°27.0' W	475	11/05/69	Laurentian Channel	LC	Piston core. Intervals: 30-34 cm : 80-84 cm : 140-144 cm : 280-284 cm	0	2.2	34.9	63.0	8.86	8.83	2.45	1.70	-0.07	2.69
69-2-260	9059	45°32.0' N	57°13.0' W	452	11/05/69	Laurentian Channel	LC	Mud.	0.7	2.3	66.5	30.5	6.84	7.34	2.18	1.10	-0.21	7.25

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt							Clay
69-2-261	9060	45°22.0' N	57°12.4' W	460	11/05/69	Laurentian Channel	LC		0.1	1.4	62	36.5	7.02	7.74	2.33	1.50	0.33	3.28
69-2-262	9061	45°22.0' N	57°27.0' W	470	12/05/69	Laurentian Channel	LC	Mud.	0	1.0	63.7	35.3	6.98	7.74	2.18	1.40	0.43	3.39
69-2-263	9062	45°12.0' N	57°27.0' W	443	12/05/69	Laurentian Channel	LC	Mud.	.1	9.8	57.3	32.8	6.82	7.31	2.56	1.50	0.22	3.05
69-2-264	9063	45°12.0' N	57°12.09' W	459	12/05/69	Laurentian Channel	LC		0.1	11.7	55.8	32.4	6.82	7.14	2.53	1.70	0.22	2.82
69-2-265	9064	45°02.0' N	57°27.4' W	347	12/05/69	The Stone Fence	SS	Mud & sand. Echogram shows hard bottom.	0	48.2	38	13.7	4.09	5.09	2.76	1.55	0.70	4.51
69-2-266	9065	45°02.0' N	57°13.0' W	466	12/05/69	Laurentian Channel	LC	Mud with sand.	.0	48	25.2	26.8	4.11	5.94	3.40	2.45	0.48	2.80
PC 69-2-267	8719	44°52.3' N	57°13.0' W	442.6	12/05/69	Laurentian Channel	LC	Piston core. Intervals: 10-14 cm : 40-44 cm : 90-94 cm : 140-144 cm : 170-174 cm : 270-274 cm : 360-364 cm	0	58.4	16.9	24.8	3.75	5.62	4.04	2.40	0.58	3.02
CA 69-2-267		44°52.3' N	57°13.0' W	443	12/05/69	Laurentian Channel	LC	Photo. Shipborne F-8.	0.3	38.1	31.8	29.8	4.58	6.24	3.99	2.80	0.37	2.46
69-2-268	9066	44°45.0' N	57°07.5' W	435	12/04/69	The Stone Fence	SS	Sand with mud.	5.8	4.1	40.3	49.8	7.98	7.85	4.23	2.45	-0.41	3.95
69-2-269	9067	44°40.0' N	57°07.5' W	402	12/05/69	The Stone Fence	SS	Fine, medium silty sand.	3.5	61.4	16.1	19.1	2.78	4.38	3.97	2.25	0.57	3.44
69-2-270	9068	44°35.0' N	57°07.03' W	358	12/05/69	The Stone Fence	SS	Sand.	3.9	52.2	21.2	22.7	3.23	4.79	4.40	2.90	0.42	2.71
									7.3	48.3	22.3	22.1	3.34	4.99	4.45	2.90	0.36	2.72
									6.6	48.5	22.2	22.7	3.44	4.65	4.41	2.95	0.34	2.67

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt							Clay
69-2-271	9069	44°30.0' N	57°07.5' W	348	12/05/69	The Stone Fence	SS	Coarse gravel with fine gravel & some sand. 1 boulder/1 cobble/several pebbles.	99.8	0.2			-5.49	-5.48	0.42	0.25	5.10	91.3
69-2-272	9070	44°30.0' N	57°14.04' W	77	12/05/69	SE Banquereau Bank	SISa	Gravel & fine gravel with fish (alive).	21.1	78.1			0.63	0.23	1.57	0.90	-0.45	3.62
69-2-273		44°35.02' N	57°14.02' W	77	12/05/69	SE Banquereau Bank	SISb	2 boulders/3 cobbles/coarse gravel & sand rounded to semi-angular frags (glacial). Organics covering top part of rock frags. Sand grains adhering to rock frags.										
69-2-274	9071	44°40.0' N	57°14.02' W	243	12/05/69	The Stone Fence	SS	Mud, Silty fine sand.	1.5	95.5	0.8	2.2	2.61	2.72	1.32	0.30	0.92	19.9
69-2-275	9072	44°45.0' N	57°17.02' W	241	12/05/69	The Stone Fence	SS	Muddy sand.	0.5	96.0	1.1	2.4	2.58	2.75	1.23	0.25	1.60	24.85
69-2-276	9073	44°55.0' N	57°28.0' W	55	12/05/69	NE Banquereau Bank	SISa	Greyish white sand, broken shell frags, few pebbles.	10.6	88.5			1.27	0.72	1.93	0.65	-1.04	7.32
69-2-277	9074	44°56.83' N	57°41.75' W		12/05/69	Banquereau Bank	SISa	Grey-white sand. 2 pebbles.	0.8	98.2			0.55	0.59	0.73	0.40	0.60	9.40
69-2-278	9075	44°55.0' N	57°55.5' W	93	12/05/69	Banquereau Bank	SISa	Dark grey-brown fine sand. 1 small pebble.	1.0	95.6			2.53	2.52	0.74	0.25	-2.04	37.11
69-2-279	9076	44°55.0' N	58°07.0' W	81	12/05/69	Banquereau Bank	SISa	Sand.		98.8			1.76	1.85	0.59	0.40	0.52	6.03
69-2-280	9077	44°53.0' N	58°12.0' W	132	12/05/69	N of Banquereau Bk	ES		9.2	88.5	0.8	1.5	2.27	1.82	2.04	0.50	-0.44	7.99
69-2-281	9078	44°55.0' N	58°14.0' W	91	12/05/69	N of Banquereau Bk	SS	Gravel & sand. 4 pebbles.	100				-5.36	-5.26	0.51	0.30	0.60	4.55

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean \bar{x}	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
69-2-282	9079	44°55.0' N	58°18.5' W	249	12/05/69	N of Banquereau Bk	SS	Dark olive-grey sand & mud.	0	74.2	15.6	10.2	3.53	4.32	2.63	0.45	1.30	9.09
69-2-283	9080	44°50.0' N	58°18.1' W	95	12/05/69	N of Banquereau Bk	S15a	Sand.	2.6	96.1	0.4	0.9	1.59	1.99	1.27	0.40	0.53	20.77
69-2-284	9081	44°49.5' N	58°20.0' W	91	12/05/69	N of Banquereau Bk	SS	Boulders/cobbles/pebbles. Organics covering top part on rock fragments.	99.9	0.1			-5.49	-5.48	0.36	0.25	4.74	09.9
69-2-285	9082	44°50.0' N	58°25.5' W	223	12/05/69	N of Banquereau Bk	LC	Mud.	0	36.4	45.7	17.9	4.42	5.58	2.92	1.40	0.81	4.79
69-2-286	9083	44°50.0' N	58°32.0' W	243	13/05/69	N of Banquereau Bk	LC	Mud.	1.3	51.6	26.4	20.7	3.87	5.06	3.33	2.10	0.39	3.34
69-2-287	9084	44°50.4' N	58°37.0' W	203	13/05/69	N of Banquereau Bk	S15d	Mud.	0.1	47.9	36.0	16.0	4.07	5.25	3.33	0.80	0.89	5.12
69-2-288	9085	44°50.0' N	58°40.5' W	190	13/05/69	N of Banquereau Bk	LC	Mud.	0	75.0	14.9	12.1	3.49	4.36	2.62	0.55	1.03	6.44
69-2-289	9086	44°50.0' N	58°42.0' W	110	13/05/69	N of Banquereau Bk	SS	Mostly sand, some pebbles, gravel & shells.	9.0	88.2	0.8	2.0	2.23	1.73	2.04	0.70	-0.04	7.50
69-2-290	9087	44°50.0' N	58°49.5' W	278	13/05/69	N of Banquereau Bk	ES	Mud.	0.9	71.2	16.2	11.7	3.38	4.23	2.82	0.75	0.86	5.84
69-2-291	9088	44°49.8' N	58°50.5' W	135 - 140	13/05/69	N of Banquereau Bk	ES	Sand & mud.	0.3	95.0	1.3	3.4	2.39	2.57	1.75	0.40	1.79	18.5
69-2-292	9089	44°50.8' N	58°53.0' W	91	13/05/69	N of Banquereau Bk	SS	Several pebbles.	38.8	60.0	0.4	0.8	1.21	-0.66	3.30	3.10	-0.10	2.03
69-2-293	9090	44°48.5' N	58°50.0' W	192	13/05/69	N edge of Banquereau Bank	LC	Gritty, sandy mud.	8.5	77.6	5.4	8.5	2.62	2.92	3.28	0.55	0.42	6.12

CRUISE - KAPUSKASING - 69-016 : CHIEF SCIENTIST - L. King (KC) : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt + Clay							
69-2-294	9091	44°47.0' N	58°46.4' W	153	13/05/69	N edge of Banquereau Bank	S15d	Very dark greyish-brown sand & mud. 10YR3/2.	0.3	87.8	4.3	7.6	2.13	2.87	3.13	0.75	1.35	9.96
69-2-295	9092	44°45.0' N	58°43.0' W	219	13/05/69	N edge of Banquereau Bank	SSa	Sandy mud. Very dark greyish brown. 2.5Y3/2.	0	7.9	64.1	28	6.19	6.95	2.92	1.90	0.51	3.26
69-2-296	9093	44°45.5' N	58°37.0' W	228	13/05/69	N edge of Banquereau Bank	ES	Sandy mud.	0.4	29.1	42.8	27.7	4.97	6.06	3.15	2.30	0.32	2.66
69-2-297	9094	44°46.5' N	58°34.5' W	240	13/05/69	N of Banquereau Bk	LC	Sandy mud.	1.5	19.3	52.7	26.5	5.06	6.23	3.19	2.05	0.26	3.81
69-2-298	9095	44°45.0' N	58°24.5' W	91	13/05/69	Banquereau Bank	S15a	Sand with gravel. 12 small pebbles; sand dollars.	7.7	88.5	2.1	1.7	1.23	1.13	1.98	0.95	0.29	8.19
69-2-299	9096	44°45.0' N	58°10.0' W	69	13/05/69	Banquereau Bank	S15b	Gravel & sand. 36 pebbles.	52.5	47.3			-1.20	-2.07	2.54	2.35	-0.02	1.56
69-2-300	9097	44°45.0' N	57°56.0' W	62	13/05/69	Banquereau Bank	S15a	Sand.		99.6			1.67	1.74	0.54	0.35	0.32	5.11
69-2-301	9098	44°46.0' N	57°42.0' W	40	13/05/69	Eastern Shoal	S15a	Sand.	0.1	99.3			1.36	1.31	0.60	0.35	0.19	6.95
69-2-302		44°45.0' N	57°28.0' W	51	13/05/69	SE Banquereau Bank	S15a	No grainsize.										
69-2-303	9099	44°35.00 N	57°28.5' W	64	13/05/69	SE Banquereau Bank	S15a	Sand.	1.6	97.5			2.28	2.09	0.88	0.40	-1.36	16.07
69-2-304	9100	44°24.0' N	57°28.8' W	95	13/05/69	S edge of Banquereau Bank	SS	Sand.	2.8	96.5			2.35	2.12	1.17	0.35	-2.10	23.58
69-2-305	9101	44°20.0' N	57°36.6' W	150	13/05/69	On slope, S of Banquereau Bank		Sand, fine-med gravel with one cobble.	34.4	65.01			1.11	-0.72	3.17	3.35	-0.34	1.72
69-2-306	9102	44°22.0' N	57°42.5' W	95	13/05/69	S edge of Banquereau Bank	SS	Sand.	1.1	97.9			2.34	2.21	0.76	0.35	-1.13	14.20

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Dredge

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	GMF	Geographic Area	Surf Sed Type	DESCRIPTION	% ROCK ANALYSIS #				
										Triassic vol	Triassic ss	Acid vol	Granite & Diorite	Others

DR CA 71-2-1 42°27.8' N 67°00.4' W 183 - a 10/05 1400-1845 Georges Basin SSD 3 dredges for 71-2-1 - a, b & c. 10" gave no sample. 183 - b (1400 Z) & 18" (1800 Z) were not taken in exactly the same places. Shipborne camera, F-8, taken at 71-2-1a, 1615 Z at 179 m. 0 6 27 31 25 -3 -8

DR CA 71-2-2 42°29.0' N 66°53.6' W 165 10/05 1920-2035 Georges Basin SSD Rock analysis taken from raw data - most others are from 'Geology of the Scotian Shelf' 1977. Shipborne camera, F-8, 2010 Z at 152 meters. 2 37 25.4 21 14.7

DR 71-2-3 42°30.5' N 66°53.0' W 137 10/05 2125-2215 Georges Basin SS 8 24 26 29 3 10

DR CA 71-2-4 42°48.4' N 67°25.0' W 180 11/05 1600 Sawell Ridge SS & Border between SS & SSD. Echogram appears to be missing. SSD Depth from charts. Shipborne camera, F-8. 13 24 24 24 4 11

DR 71-2-5 42°51.0' N 67°24.7' W 210 11/05 1800 Crowell Basin SS & Echogram appears to be missing. Depth from charts. SSD 11 22 29 24 5 9

DR CA 71-2-6 42°51.0' N 67°59.3' W 220 11/05 2000 Crowell Basin SS & Border between SS & SSD. Depth from charts. Shipborne camera, F-8. SSD 7 25 37 26 7 7

DR ca 71-2-7 43°19.8' N 66°29.8' W 68 13/05 1325 German Bank s1Sa Attempted to drill, water leakage at connector caused short circuit. Shipborne camera, F-8. 6 26 15 38 1 14

DR CA 71-2-8 43°11.6' N 66°38.2' W 105 13/05 2235 SW of German Bank SS Tore net on dredge - small sample (a) not analyzed. (b) no sample - tore net. Depth from bathymetry. Shipborne camera, F-8.

DR 71-2-9 43°59.2' N 66°35.5' W 90 14/05 1800 N of Luncheon Shoal SS Analysis included with 71-2-10. Depth from bathymetry charts.

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Dredge

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	GMT	Geographic Area	Surf Sed Type	DESCRIPTION	% ROCK ANALYSIS %						
										Triassic vol	Triassic ss	meeds	Acid vol	Granite & Diorite	Others	Dabase
DR CA 71-2-10		44°00.3' N	66°37.0' W	135	14/05	2000	N of Luncheon Shoal	SS	71-2-9 combined with it. Depth taken from echogram. Shipborne camera, F-8.	15	17	17	14	12	2	23
DR 71-2-11		43°39.4' N	67°09.4' W	161	15/05	1200	E of Jordan Basin	SSD		14	11	25	25	23	2	2
DR 71-2-12		43°40.6' N	66°42.4' W	105	15/05	1600	SW of Luncheon Shoal	SS	No analysis. Possibly no sample.							
DR 71-2-13b		44°13.2' N	66°35.0' W	51	15/05	2030	W of Long Island	SS	71-2-13a lost previous day.	18	26	21	13	12	10	
DR CA 71-2-14		44°13.5' N	66°36.0' W	104	16/05	1630	W of Long Island	SS	Shipborne camera, F-8.	16	46	17				21

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Piston Core

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	DESCRIPTION	Subsamples (cm)	Percentages			Length of Core (cm)
										Grav	Sand	Silt	

PC
 CA 71-2-15 44°32.8' N 66°27.00' W 192 16/05-2242 Grand Manan Basin LCc Samples taken approx 2.5 cm on either side of noted cut. Shipborne camera, F-8.

Subsamples (cm)	Grav	Sand	Silt	Clay	Length of Core (cm)
0-5	0	1	44.24	54.7	933
5-10	0	1	29	69.5	
50	0	1.1	25.6	73.2	
150	0	0.6	25.1	74.2	
350	0	0.8	25.4	73.7	
600	0	.8	29	70.1	
700	.1	.6	24.8	74.5	
850	0	0.5	26	73.4	
933	0	.4	26.9	72.6	

PC 71-2-16 44°48.5' N 66°39.5' W 104 17/05-0700 NE of Grand Manan LCb Samples taken 2.5 cm to either side of cut.

Subsamples (cm)	Grav	Sand	Silt	Clay	Length of Core (cm)
0-5	3.7	2.6	65.2	28.5	592
5-10	0.1	2.3	51.1	46.6	
50	0	2.67	42.5	54.8	
200	0	.7	30.8	68.5	
292-296	0	.75	32.5	66.8	
500	0	.6	33.9	65.4	
592	0	.8	34	65.1	

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King :. SAMPLE TYPE -- Dredge

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date	GMT	Geographic Area	Surf Sed Type	DESCRIPTION	% ROCK ANALYSIS %					
										Triassic vol	Triassic ss	Acid vol	Granite & Diorite	Others	Dabase
DR 71-2-17		44°25.5' N	66°42.1' W	75	17/05	2215	S of Grand Manan Island	SS	Volcanics southeast of Grand Manan. Depth taken from bathymetry chart.	21	31	17	25	6	
DR CA 71-2-18		44°09.6' N	67°40.8' W	110	18/05	1310	W of Jordan Basin	SD?	Till. Shipborne camera, F-8.	5	34	23	34	4	
DR CA 71-2-19		44°08.0' N	67°32.0' W	180	18/05	1610	Jordan Basin	SD	Depth taken from bathymetry chart. Till. Shipborne camera, F-8.	7	25	24	26	6	
DR 71-2-20		44°10.0' N	67°14.5' W	126	18/05	1810	Grand Manan Banks	Lob & SD	Depth from chart. Till. Between Lob & SD.	5	18	32	23	5	
DR 71-2-21		44°00.4' N	67°06.6' W	120	18/05	2150	S of Southwest Bank	SD	Till. Depth from chart.	2	26	29	23	7	
DR 71-2-22		44°00.2' N	67°22.2' W	145	18/05	2340		SD	Depth from chart. Till.	32	19	24	19	6	

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Silt	Clay							
71-2-23	10255	43°34.0' N	66°26.5' W	84	24/05-0230	S of Lurcher Shoal	SS	2 attempts, 1 open/1 closed. 1st grab partly washed out. 2nd good, coherent with disturbed bedding.	19.5	75	3.5	2	1.62	1.27	2.26	1.50	0.16	4.39
71-2-24		43°37.2' N	66°42.0' W	108	24/05-0730	SE of Lurcher Shoal	SS	2 attempts, 1 open/1 closed. 1st: part washed out. 2nd: $\frac{1}{2}$ full - 10 pebbles (2"), one 6". Organic covers half of pebble. Dominant - gravel, rest mud - consolidated with disturbed bedding. Organic growth on upper part of rock fragments.	36.5	51.5	9	3	1.54	0.44	3.72	3.35	0.06	2.35
71-2-25		43°46.0' N	66°49.0' W	146	24/05-0615	SW of Lurcher Shoal	SSD or SS	2 attempts. Consolidated & coherent with distributed bedding. 1st: water. 2nd: sand, gravel & 2" pebbles. 40 pebbles, organics on upper part only of rock frags.	48	42	7	3	0.34	0.45	4.06	3.55	0.16	2.09
71-2-26		44°00.0' N	66°52.2' W	124	24/05-0730	SE of Grand Manan Banks	SSD	2 attempts, 1 open/1 closed. 1st: washed out. Completely bioturbated. 2nd: sand with 5 pebbles.	32	60	5	3	2.28	0.79	3.52	2.95	-0.07	2.48
71-2-27		44°03.5' N	66°43.5' W	109	24/05-1409	N of Lurcher Shoal	SS	Sand & small pea-sized pebbles. Coherent.	32	64.5	1.5	1.75	1.13	0.57	2.44	1.95	0.28	4.34
71-2-28		44°06.5' N	66°38.5' W	109	24/05-1155	N of Lurcher Shoal	SS	3 attempts, 3rd closed. 1st: 1 bag full. 2nd: jaws open. 3rd: sand, gravel & shells.	35	59	4	3	1.15	0.59	2.80	2.15	0.28	3.76

CRUISE - HUDSON - 71-014 - Bay of Fundy : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt + Clay							
71-2-29		44°11.0' N	66°02.0' W	36	25/05-0348	S of Saint John	Lcc	Mainly sand with shell frags.	0.6	73	19	7	2.46	3.18	2.25	1.15	0.73	4.90
71-2-30		45°08.4' N	65°59.6' W	64	25/05-0425	S of Saint John	Lcc	Gravel, sand & mud - loose.	20	52	13	14.5	2.5	2.47	4.35	1.65	-0.11	2.56
71-2-31	10263	45°05.7' N	66°00.3' W	77	25/05-0455	S of Saint John	Lcc	Loose gravel, sand & mud.	42	40	9	9	1.86	0.56	4.72	3.80	0.13	2.04
71-2-32	10264	45°03.5' N	66°00.0' W	84	25/05-0515	S of Saint John	SSD	3 attempts: a, b & c. 32a, 32b & 32c - consolidated - gravel, sand & mud.	95	4	0.5	0.5	-5.45	-4.99	1.99	0.20	2.19	23.41
71-2-33	10265	45°00.0' N	66°06.8' W	101	25/05-0613	S of Saint John	SSD	2 attempts: a & b. a: consolidated gravel - 1 cobble, 1 pebble on top only. b: coherent gravel, sand & mud.	65	30	3	2.5	-3.75	-1.85	4.05	3.85	0.40	2.55
71-2-34	10266	45°00.0' N	66°16.6' W	98	25/05-0700	SW of Saint John	SSD	Sand with numerous pebbles with disturbed bedding. Missed punch on FM recorder - fathom recorder not turned on.	5	63	21	11	2.90	3.53	2.83	1.20	0.14	3.84
71-2-35	10267	44°57.0' N	66°10.9' W	109	25/05-0745	S of Saint John	SSD	3 attempts. 1st: not good enough. 2nd: very small sample. 3rd: empty. Gravel, sand & mud - structureless. Approx 32 pebbles. Most samples consist of a medium, fine grained sand mixed with silt & mud & usually contain small 1-2" pebbles which are usually fairly angular. Little noticeable organic growth on pebbles.	75	21	2	2	-4.74	-2.95	3.63	2.15	0.73	4.26

CRUISE - HUDSON - 71-014 - Bay of Fundy : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Silt	Clay							
71-2-36	10268	44°48.5' N	66°04.5' W	105	25/05-0900	S of Saint John	SSD	3 attempts. 1st: not good, cobbled - ample marine life - (shells, plant life). 2nd: empty. 3rd: only 2 small rocks. Poor sample quality. Presumably a rocky bottom.	37	57	3	3	1.94	0.69	3.00	2.30	0.24	3.36
71-2-37		44°42.1' N	66°02.9' W	105	25/05-1000	N of Digby Neck	SSD	3 attempts. 1st: poor - 6 pebbles (organics on upper part only, sand grains adhering to rock particles). 2nd: poor - one rock. 3rd: one rock. Poor sample quality.	80	18	1	1	-4.31	-3.06	2.93	1.35	0.81	5.34
71-2-38	10270	44°38.4' N	66°00.7' W	91	25/05-1045	N of Digby Neck	SS?	3 attempts: 1 open/2 closed. Gravel, sand & mud. 1st: poor - 12 pebbles, mud & organic life on upper surface only. 2nd: didn't trip. 3rd: poor.	58	39	1	2	-1.52	-0.59	2.71	2.35	0.54	4.34
71-2-40		44°32.7' N	66°15.5' W	142	25/05-1255	W of Digby Neck	SSD	Fine gravel & sand, some mud.	51.5	40	5	4	-1.26	-0.30	3.85	3.10	0.23	2.56

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt Clay						
71-2-41		44°34.8' N	66°32.6' W	212	25/05-1415	SE of Grand Manan	SSD	Sand with 2-4" pebbles. Till. 10 pebbles on upper surface. Coherent & loose sample.	50	35	8	7	-1.01	4.27	3.35	0.35	2.59
71-2-42	10274	44°32.5' N	66°34.0' W	179	25/05-1200	SE of Grand Manan	SS	3 attempts. One pebble on 1st attempt. Poor sample quality.	85	13	2	2	-5.10	3.23	1.25	1.08	7.59
71-2-43	10275	44°24.0' N	66°36.0' W	213	25/05-1315	Grand Manan Basin	SSD	2 attempts: 1st open & 2nd closed. Consolidated gravel, sand & mud. Sandy silty gravel. Ample small shells - in situ. Abundant pebbles & granules. Organic growth on a couple of pebbles.	71	22	4	3	-5.04	3.97	2.85	0.70	4.13
71-2-44	10276	44°17.5' N	68°48.5' W	185	25/05-1445	Grand Manan Basin	SSD	4 attempts. 1st: jaws open. 2nd: 2 pebbles. 3rd: jaws slightly open - cobbles, pebbles, some sand & silt. 4th: jaws slightly open but good sample of cobbles, pebbles, sand, silt & mud. Pebbles on top.	73	22	3	2	-4.5	3.47	2.45	0.67	4.24
	& 10277								77	16	4	3	-5.16	3.82	1.95	0.84	4.97
71-2-45	10278	44°22.0' N	66°56.0' W	124	25/05-1540	Grand Manan Banks	SSD/ SS	Clay, sand & silt, granules common.	6.5	64.5	16	13	2.92	2.96	1.25	0.26	2.98

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt	Clay					
71-2-46	10279 & 10280	44°16.6' N	66°58.7' W	67		Northeast Bank	SS	2 attempts, 1st: poor. 2nd: fair. Loose abundance of plant life in a mud sample with approx 12 pebbles. Structureless sample.	86	11.5	1	1.5	-5.32	2.86	0.40	1.24	9.69
71-2-47	10281	44°12.5' N	66°57.7' W	168	25/05-2015	S of Northeast Bank	SSD	Mostly mud sample - some sand & very few pebbles. 3 pebbles.	11.5	48.5	23	17	2.89	3.64	2.15	0.05	2.36
71-2-48	10282	44°10.2' N	67°03.8' W	122	25/05-2055	Southwest Bank	SSD	Mostly mud mixed with sand & a few pebbles (6). 2 attempts: 1 open/1 closed.	22	51	15	12	1.93	2.22	2.50	0.15	2.42
71-2-49	10283	43°58.7' N	67°09.3' W	133.5	25/05-2215	S of Southeast Bk	SSD	Rock in jaw. Gravel mixed with mud - organic growth. 5 cobbles, organics on upper part of pebbles.	83	9	5	3	-5.26	-3.57	0.60	1.06	6.51
71-2-50	10284	44°00.4' N	67°02.4' W	165	25/05-2005	SE of Southwest Bk	SSb	Sandy mud with pebbles, (one 7" pebble). Organic growth all around & upper part of frags. 10 pebbles, sand grains adhering to particles.	83	12	3	2	-5.32	-3.78	0.40	1.04	6.50
71-2-51		43°57.0' N	67°08.0' W	146	25/05-2100	S of Southwest Bk	SSD	Till. Organic growth all around.	48	35	9	8	-0.17	0.20	3.50	0.28	2.23
71-2-52	10286	43°52.8' N	67°00.4' W	156	25/05-2200	SE of Southwest Bk	SSD	Till. Organics on upper part of frags. Sand grains adhering on frags.	41	29	20	10	1.90	0.95	4.40	0.11	1.76

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Median ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt							Clay	
71-2-53	10287	43°46.5' N	67°10.0' W	217	25/05-2400	S of Southwest Bk	Lcc	Mainly clay.	1	22	39	38	6.66	6.48	2.77	2.55	-0.52	3.23	
71-2-54	10288	43°50.2' N	67°13.5' W	177	26/05-1240	S of Southwest Bk	Esb	Sandy, silty clay.	4	59	24	13	3.35	3.80	2.88	1.35	0.15	3.35	
71-2-55	10289	43°47.5' N	67°21.5' W	201	26/05-0140	SW of Southwest Bk	Esb	Sandy & gravelly clay - some sub-angular cobbles.	28	34	26	12	2.75	2.14	4.53	3.50	-0.09	2.07	
71-2-56	10290	44°42.5' N	67°25.0' W	210	26/05-0240	E of Jordan Basin	Esb	Sandy, silty clay - occasional pebbles & shells. 3 attempts: 2 open.	6	30	43	22	4.67	4.84	3.30	2.25	-0.22	3.10	
71-2-57	10291	43°39.5' N	67°22.0' W	219	26/05-0335	Jordan Basin	LCb	Clay with some sand & silt. 3 attempts: 2 open.	0	3.5	63.5	33	6.12	6.63	2.12	2.15	0.10	1.66	
71-2-58	10292	43°40.0' N	67°13.4' W	162	26/05-0735	E of Jordan Basin	SSD	3 attempts. No sample. Grab failed to trip.											
71-2-59	10292	43°40.2' N	67°07.2' W	135	26/05-0830	E of Jordan Basin	SSD	3 attempts. Small sample. Fine mud mixed with 12 or more pebbles. Organics on top of rock fragments.	58	29	8	6	-3.96	-1.38	4.57	3.50	0.43	2.67	
71-2-60	10293	43°35.1' N	67°13.5' W	204	26/05-0947	E of Jordan Basin	SSD	2 attempts. Fine mud & sand, (mostly mud). Marine life, little or no gravel or pebbles. Very clay-like mixture. Coherent sample.					4.02	4.42	2.65	1.50	0.25	2.77	
71-2-61	10294	43°29.6' N	67°19.7' W	211	26/05	Jordan Basin	LCb	No sample - didn't trip.	0	23	48	29	5.32	5.97	2.51	2.30	0.08	1.75	
71-2-62	10295	43°24.3' N	67°16.5' W	200	26/05-1150	E of Jordan Basin	SSD	Gravel, sand & mud. 2 pebbles, 6 granules.	61	27	7	5	-4.11	-1.46	4.24	3.35	0.50	2.94	

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt Clay						
71-2-63	10296	43°20.2' N	67°14.3' W	230	26/05-1250	NE of Truxton Swell	SSD	Few pebbles, mainly mud. Probably till.	10.25	45	29	16	3.67	3.65	1.80	-0.20	3.13

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Dredge

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date	GMT	Geographic Area	Surf Sed Type	DESCRIPTION	% ROCK ANALYSIS %						
										Triassic vol	Triassic ss	Acid vol	Granite & Diorite	Others	Dabase	
DR 71-2-64		43°20.5' N	67°15.0' W	26/05	1350		NE of Truxton Shoal	LC	Rough data. 1/5 volcanics, 1/5 meta-sandstone (including some Triassic sandstone), 1/5 plutonic rocks.							
DR 71-2-65		43°17.3' N	66°54.5' W	26/05			NE of Crowell Basin	SSD	Rough data. 23-8% plutonics.	36	23		23.8			

CRUISE - HUDSON - 71-014 - Gulf of Maine : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt
									Grav	Sand	Silt Clay					

71-2-65	10297	43°17.3' N	66°54.5' W	199	26/05-1640	NE of Crowell Basin	SSD	4 attempts: 3 open. Clay, sand & gravel in approx equal proportions. 3 cobbles, common pebbles & granules. Organic growth on upper part of fragments.	78	18	3	2	-5.25	3.65	1.50	0.83	4.71
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71-2-66	10298	43°23.3' N	66°56.3' W	212	26/05-1820	NE of Crowell Basin	SSD	Gravel, sand & mud. 1 cobble & 3 pebbles.	28	39	25	7	1.89	4.08	3.05	-0.00	2.21
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CRUISE - DAWSON - 73-003 - St. Margaret's Bay : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Piston Core

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Skew	Kurt	Length of Barrel	Length of Core	Diameter	Liner
									Grav	Silt	Clay								
PC 1		44°31.1' N 64°59.6' W	87	05/02-1824	St. Margaret's Bay			Appears to have penetrated only 1 foot of soft sediment & encountered coarse sand & gravel. Core at Dalhousie. Poor sample. 12 ft barrel section. Core catcher sample, gravel in plastic bag.							20 ft	10 cm	2.5 in	No	
PC 2		44°32.4' N 64°00.7' W	68	05/02-1925	St. Margaret's Bay			Full penetration. Mud appears grey-green in color. No sand or gravel in core. Core catcher sample saved. Shell fragments.							20 ft	19 ft	2.5 in	No	
PC 3		44°32.4' N 64°00.0' W	64	05/02-1945	St. Margaret's Bay			Good core, all soft sediments. Sections AB, CD.							20 ft	20 ft	2.5 in	Yes	
PC 4		44°32.4' N 63°59.13' W	61	05/02-2018	St. Margaret's Bay			Approx 18 ft of core. Very silty, no pebbles. Lost core cutter & catcher sample when coming aboard.							20 ft	18 ft	2.5 in	Yes	
PC 5		44°33.57' N 64°00.3' W	66	05/02-2046	St. Margaret's Bay			No gravel or pebbles present at bottom.							20 ft	20 ft	2.5 in	Yes	
PC 6		44°34.5' N 64°01.15' W	62	05/02-2115	St. Margaret's Bay			Buried core head. No pebbles or gravel present at bottom.							20 ft	18.5 ft	2.5 in	Yes	
PC 7		44°34.4' N 63°59.5' W	60	05/02-2155	St. Margaret's Bay			No gravel or pebbles present at bottom of core.							20 ft	17 ft	2.5 in	Yes	

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages				Mean σ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %
									Grav	Sand	Silt	Clay						Well	Mod	Ang		
8	10370	43°12.8' N	66°16.5' W	110	06/02-1015	German Bank	S1Sa	Sand, coarse sand & pebbles. Large amount of material, 5% organics, whole & broken.	61	36	2	1	-2.24	2.88	2.10	0.37	3.02	30	40	30	MODERATE	vol 20/sed 60/ gr 20
9	10371	43°11.5' N	66°16.5' W	86	06/02-1103	German Bank	S1Sa	Sand with a lot of whole shells & frags. Shells are 50% of gravel. Jagged gravel. Whole & broken organics. Fair sample.	27	70	2	1	1.49	2.47	1.75	-0.19	3.17	X	X	X	POOR TO MODERATE	vol 10/gr 20/ nef 50/schist/ dfz
10	10372	43°15.4' N	66°16.5' W	84	06/02-1137	German Bank	S1Sb	Sand & gravel. Whole & broken organics: fluff, forams, tubes & coral. 2 attempts: 1 open, 1 closed. Rock caught in 1st, very little sediment in 2nd.	93	6	0.5	0.5	-5.37	2.12	0.30	1.46	14.50	20	80	MODERATE	vol 80	
11		43°19.8' N	66°17.0' W	80	02-1200	German Bank	S1Sb	3 attempts, jaws open. No sample. One pebble in jaws.														
12		43°25.6' N	66°16.6' W	64	06/02-1245	German Bank	S1Sb	3 attempts. No sample. Hard bottom.														
13		43°30.0' N	66°17.7' W	71	06/02	German Bank	S1Sb	3 attempts. No sample.														
14	10373	43°37.5' N	66°18.6' W	80	06/02-1410	N of German Bank	S1Sa	Small amount of sand & shell frags. Black sand. Whole & broken organics, worm tubes & shells. One bag.	30	61	7	3	1.74	2.78	2.20	0.07	2.74	80	MODERATE	vol 50/nef 50		

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median Ø	Mean Ø	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %
									Grav	Sand	Silt							Clay	Well	Mod		
15	10374	43°46.5' N	66°19.4' W	53	06/02-1455		S15b	80% small pebbles, 15% sand, approx 5% shells. Old shells, whole & broken.	40	2	1	-1.47	-0.90	2.22	1.40	0.62	4.94	80	20		MODERATE TO WELL	vol 5/slate 90
16		43°51.5' N	66°19.2' W	49	06/02-1525	W of Yarmouth	S15b	One rock in jaw, hard bottom, slate rock.														
17	10375	43°56.0' N	66°21.0' W	57	06/02-1607	W of Yarmouth	S5b	Small gravel sized material, mostly metabasals. Few angular frags of vein qtz. Little fine sand, mostly qtz. Lot of forams. Most grains glassy & sub-rounded-angular. Less than 5% organics, whole & broken.	42	2.6	1	-1.28	-0.90	2.30	1.60	0.54	4.89	5	40	55	MODERATE TO WELL	vol 5/met 80/ vein qtz/ schist
18	10376	44°04.1' N	66°25.0' W	73	06/02-1645	W of Cape St. Mary	S5b	All sand with lots of shell frags. 10% broken shells.	8	0.5	1	1.38	1.06	1.34	0.35	0.24	11.25			MODERATE TO WELL		
19	10377	44°00.0' N	66°27.7' W	85	06/02-1721	W of Port Maitland	S5b	Sand & gravel. Many worm tubes. Fine gravel. Mixture of rounded to sub-rounded gravel. 2 doz shell frags, one complete. Mostly fine ground quartz sand. Angular frags, worm tubes, indicate mud? Whole & broken organics, scaphopods or mud tubes.	35	6	2							10	80	MODERATE	vol 5/sed 20/ met 50/ vein qtz	

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surt Sed Type	Description	Percentages			Mean σ	Std Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %		
									Grav	Sand	Silt Clay					Well	Mod	Ang				
20	10378	43°57.0' N	66°27.5' W	82	06/02-1751	W of Port Maitland	Ssb	Sand & gravel. Pieces of angular basalt.	59	36	3.5	1.5	-2.24	3.04	2.55	0.40	2.95	10	50	40	WELL TO MODERATE	vol 20/ss 5 mef 60
21	10379	43°46.2' N	66°25.0' W	78	06/02-1847	W of Cape Fournou	Ssb	Sand & gravel. Fine gravel, quite angular. Whole & broken shells. Fair sample.	31.5	57	8.5	3	2.46	3.10	2.60	-0.11	2.35	5	90	MODERATE	vol 20/mef 60 vein qtz	
22	10380	43°41.3' N	66°24.7' W	82	06/02-1925	SW of Yarmouth	Ssb	Sand & gravel. Fine sand, glassy & rough. Whole & broken old shells.	74	23	2	1	-2.46	2.41	1.15	0.80	5.27	60	40	COURSE: MODERATE FINE: POOR	vol 5/gr 5/ mef 80/ vein qtz	
23	10381	43°34.0' N	66°25.0' W	86	06/02-1955	SW of Yarmouth	SISA	Good sand sample, quite clean. Whole & broken old shells.	2	97	0.5	1	1.44	1.02	0.35	1.18	22.48		MODERATE			
24	10382	43°29.2' N	66°24.5' W	90	06/02-2032	German Bank	SISb	Small sample of sand, some pebbles, shells & fine gravel. Plenty broken old shells & forams. 2 attempts.	51	46.5	1.3	1.3	-1.13	-0.34	2.69	2.50	2.72	20	50	30	WELL	vol 10/mef 80
25		43°25.2' N	66°24.3' W	64	06/02-2103	German Bank	SISb	Several granite rocks in grab and organic growth. Old shells.														g'
26		43°21.2' N	66°24.0' W	67	06/02-2130	German Bank	SISb	Small granite rock with organic growth. Old shells.														g'
27	10383	43°17.0' N	66°24.0' W	71	06/02-2155	German Bank	SISA	80% sand, 15% small pebbles. Organic growth. Broken old shells, 1" worm tubes.	45	52	1.5	1.5	0.69	-0.22	2.61	2.25	3.05	20	40	20	MODERATE	vol 5/gr 80/ mef 5/clent/ qtz

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean Ø	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %		
									Grav	Sand	Silt						Clay	Well	Mod			Ang	
28	10384	43°09.0' N	66°24.0' W	88	06/02-2220	German Bank	S1Sb	2 attempts: 1 open/1 closed. 49 1st: 3 rocks. 2nd: sand, small pebbles & shells, very angular. Granite frags. Whole & broken old shells.	49	44	5	1.5	-0.93	2.75	2.25	0.35	3.02	20	80	MODERATE	gr 99/met		
29	10385	43°09.0' N	66°24.0' W	90	06/02-2249	S of German Bank	S1Sa	Sand & shells, one bag clean sand. Fine gravel.	31	67	2	1	0.68	1.95	1.40	0.33	4.65	10	80	MODERATE	gr 90/met 5		
30	10386	43°11.0' N	66°33.0' W	93	06/02-2330	German Bank	S1Sa	Fine sand & some mud, few shells. Little gravel. Foran sand. Whole & broken old shells.	3.5	62	4	30.5	3.61	1.79	0.65	-0.35	8.81		X	POOR	gr 80		
31		43°17.0' N	66°32.8' W	57	06/02-2014	German Bank	S1Sb	Hard bottom, only organic growth in grab. 2 attempts. Poor sample.															
32	10387	43°21.9' N	66°32.7' W	93	07/02-0042	German Bank	S5a	Good sand sample. 25% forams.	0.2	93	5	2.5	2.74	1.08	0.40	1.58	17.95			MODERATE TO WELL	qtz/mica		
33	10388	43°29.0' N	66°32.0' W	110	07/02-0125	German Bank	S5b	Sand & rocks & mud. 3-2" rocks. Less than 5% tertiary material. 2 attempts.	55	37	6	1.5	-2.96	4.07	4.05	0.14	1.54	5	70	25	28	WELL 80% MODERATE	vol 80/seed 2/ gr 2/met 10/ qtz pebbles
34	10389	43°32.5' N	66°34.0' W	102	07/02-0209	N of German Bank	S5b	Sand & gravel. T1112 Fine gravel. 1% tertiary. Broken shells.	40.5	47	10	2.5	-0.17	2.91	2.95	0.29	2.61	5	50	30	MODERATE	vol 10/seed 5/ gr 5/met 80	

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %		
									Grav	Sand	Silt/Clay						Well	Mod	Ang				
35	10390	43°51.0' N	66°33.4' W	104	07/02-0215	SN of Yarmouth	SSb	Sand & 10% gravel. 0.001% tertiary? Little organics, whole & broken shells, worm tubes. Growth on pebbles. 2 attempts.	33.5	57	7.5	2	1.27	0.71	2.85	2.20	0.03	2.67	50	5	WELL	vol 10/seed 10/ gr 5/met 60/ vein qtz	
36	10391	43°40.0' N	66°33.0' W	104	07/02-0336	SN of Yarmouth	SSb	Sand. Fine gravel, 1/2 largest. Whole shells, small.	36	58.5	4	1.5	1.49	0.98	2.67	2.25	0.05	2.51	30	40	MODERATE TO WELL	vol 5/seed 5/ gr 10/met 50	
37	10392	43°43.8' N	66°33.0' W	119	07/02-0331	W of Yarmouth	SSb	Sand. Whole & broken little shells.	0.5	98	0.2	1.5	2.23	2.22	0.98	0.40	1.68	27.20	X	X	MODERATE TO POOR		
38	10393	43°47.2' N	66°22.5' W	106	07/02-0355	W of Yarmouth	SSb	Sand. Fine gravel. Siltro sand. Whole (12) & broken shells.	25	69	4	2.	1.66	1.04	2.47	1.75	-0.03	3.53	5	20	75	MODERATE	vol 25/ss 10/ gr 10/met 30/ qtz/fsp
39	10394	43°49.5' N	66°36.0' W	95	07/02-0421	W of Yarmouth	SSb	Granite, shells, pebbles & sand. Fine gravel. Whole & broken, old & new shells.	69	29	1	1	-2.17	-1.26	2.51	2.0	0.51	3.62	40	30	25	MODERATE	vol 20/ss 20/ gr 25/met 40/ qtz
40	10395	43°56.0' N	66°34.0' W	82	07/02-0450	W of Port Maitland	SSb	90% sand, shells & pebbles. Fine gravel. One piece of ship slag. Whole & broken old shells.	38	60	1	1	0.94	-0.05	2.35	1.90	0.04	3.43	10	60	20	MODERATE TO WELL	vol 25/seed 20/ met 30/qtz
41	10396	44°04.2' N	66°32.9' W	115	07/02-0546	W of Salmon River	SSb	Shell & sand. Fine gravel. One piece black ship slag. Siltro sand. 18" scallop shell.	60	38	0.5	1	-1.94	-1.53	3.25	3.40	0.16	2.27	25	30	50	POOR	vol 15/seed 60/ gr 20/met 10

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMF	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %	
									Grav	Sand	Silt						Clay	Well	Mod			Ang
50	10400	44°25.0' N	66°43.2' W	88	07/02-1103	Grand Manan Banks	SB	Sand, shells, stones with organic growth. Till. Mud on stones, possibly Sapiro sand. Scallop shells, whole & broken.	97	1.5	1	0.5	-5.40	1.63	0.23	2.77	37.80	10	80	10	MODERATE	vol 30/seed 5/ gr 30/mef 20
51	10401	44°26.6' N	66°49.0' W	113	07/02-1128	Grand Manan Banks	SS	Mud, sand, shells & organic growth. Sapiro sand. Less than 1% tertiary material. Whole & broken, old & new shells.	22	38	13	7	1.94	3.26	1.15	0.05	2.85				60% WELL, REST POOR & MODERATE	
52	10402	44°29.5' N	66°42.8' W	141	07/02-1203	Grand Manan Banks	SSD	Sand & gravel. 5" rods, probably till - modified. Shells, whole & broken, one large mussel.	82	12.5	3	2	-4.54	3.28	1.00	0.99	6.29	20	60	20	MODERATE	vol 20/gr 30/ mef 20
53	10403	44°28.5' N	66°40.0' W	122	07/02-1220	Grand Manan Basin	SSD	90% gravel & sand. Till? Largest pebble 1-1 1/2", maybe winnowed till. 2" mussel shells, whole & broken.	87	6	4	3	-3.74	2.98	1.10	1.16	8.00	10	50	40	MODERATE TO POOR	vol 30/ss 20/ gr & mef mix
54	10404	44°20.8' N	66°23.5' W	122	07/02	Grand Manan Basin	SSB	Mostly sand, 80% clean; 20% gravel pebbles. Organic material. Fine gravel. One pebble, amygdaloidal basalt. Till with erosion surface. Whole scallop shells. Two arthropods, 1 open & 1 closed. Only one bag.	48	43	5.5	3.5	.04	3.28	2.80	.24	2.39	5	50	30		vol 30/ss 25/ gr 25

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean σ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %		
									Grav	Sand	Silt Clay						Well	Mod	Ang				
55	10405	44°18.8' N	66°28.9' W	207	07/02-1422	Grand Manan Basin		80% gravel, some sand. 12 large cobbles. Siltro sand? Whole scallop shells.	92	6	1	.5	-5.14	-4.45	2.24	0.50	1.56	13.41	25	50	25	MODERATE TO POOR	vol 10/ss 50/ gr 10/mef 25
56		44°16.3' N	66°25.0' W	95	07/02-1513			2 attempts, jaws wouldn't open. No sample, current too strong.															
56		44°16.3' N	66°25.0' W	95	07/02-1533	S of Long Island		2 attempts: 1 open, 1 closed. Hard bottom, mostly large cobbles, some sand. Ship steamed back for this sample.															
57		44°12.3' N	66°28.8' W	90	07/02-1630	S of Long Island		2 attempts: 1 open, 1 closed. One sample bag. Rocks only. Fair sample.															
58		44°16.5' N	66°38.8' W	207	07/02-1216	S Grand Manan Basin	SSD	Rock, no sample. Fair sample.															vol 20/ss 30/ gr 20/mef 25
59	10406	44°13.8' N	66°46.4' W	198	07/02-1725	S of Grand Manan Basin	SSD	Mud & gravel. Till with erosion surface. Scallop & other organics, whole & broken.	34	52	10	5	1.06	0.50	3.66	2.30	0.03	2.63	10	30	60	POOR	
60	10407	44°13.8' N	66°46.4' W	198	07/02-1725	E of NE Bank	SSD	Mud & gravel. Triassic pebbles. Till or Siltro sand.	65	28	5	3	-4.98	-2.27	4.01	3.46	0.44	2.63	1-2" rock	1-4" rock	3-1" rock	MODERATE TO POOR	vol 25/ss 50/ gr 10
61	10408	44°09.8' N	66°52.0' W	188	07/02-1909	NE of SW Bank	SSD	Sand, one pebble, probably triassic, 10 pebbles, 11-2". Till. Less than 2% organics, old shells. Fair sample.	48	35	13	5	-0.68	-0.29	4.14	3.65	0.17	2.12	5	80	15	MODERATE TO POOR	vol 20/60 ss/ mef 20

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %
									Grav	Sand	Silt						Clay	Well	Mod		

62		44°10.5' N	66°47.5' W	168	07/02-1942	NE of SN Bank	SSD	Rock. 2 attempts: 1 open, 1 closed. 1st: rock in jaws. Fair sample.															
63	10409	44°11.5' N	66°43.0' W	194	07/02-1998	SW of Long Island	SSD	Sand. 90% small pebbles, 10% clean sand. Till or sandstone. One broken old shell.	19.5	69.5	8	4	2.19	1.74	2.50	1.35	0.18	3.82	5	30	60	POOR TO MODERATE	vol 20/ss 30/ gr 15/met 15
64	10410	44°08.2' N	66°42.0' W	79	07/02	NI of Long Island	SSb	Good gravel. Small scallop shells, whole & broken, as in pictures. Possibly one tertiary rock.	97	2.5	0.5	0.5	-4.52	1.44	0.35	2.19	29.63	25	50		WELL	vol 40/ss 40/ gr 10	
65	10411	44°04.4' N	66°41.5' W	115	07/02-2046	NI of Long Island	SSb	Small sample (one bag). Sand, some small pebbles & shells, clear, mostly angular material. Sembro sand on angularity. 5% shells. 2 attempts: 1 open, 1 closed.	46	50.5	2	1.5	-0.29	2.76	2.40	0.20	2.79	10	30	60	5% WELL ROUNDED, REST MD TO POOR	vol 20/ss 20/ gr 10/met 40	
66	10598	44°06.0' N	66°39.1' W	124	07/02-2131	NI of Long Island	SSb	Sand, shells & stones. Less than 1% tertiary. Sembro sand. 1.7% mud. Broken shells. 2 attempts: 1 open, 1 closed. 1st: shells in jaws.	59	40	0.8	0.9	-1.81	-0.95	2.95	0.17	2.54	25	35	20	MODERATE		
67	10599	43°55.2' N	66°37.5' W	100	07/02-2151	W of Yarmouth	SSb	70% sand, 30% small pebbles. Organic matter. Well sorted fine gravel. Sembro sand. Whole & broken shells.	52	44	3	1	-1.15	-0.35	2.62	2.15	0.39	3.33	10	60	20	met 60	

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %			
									Grav	Sand	Silt					Clay	W60	W30			W10		
68	10412	43°55.2' N	66°57.5' W	91	07/02-2214	W of Yarmouth	SSb	2 at depths. 1st: one large rock, some sand. 2nd: sand & gravel, 2 bags. Fine gravel. 6 broken shells.	53	43.5	2.5	1	-1.29	2.70	2.30	0.31	2.99	25	40	20	MODERATE TO WELL	vol 30/med 20/ gr 25/med 30	
69	10413	43°50.1' N	66°41.0' W	106	07/02-2242	W of Yarmouth	SSb	Sand & many shells. Fine gravel. One piece 2" clinder. 2% organics, whole & broken old shells.	28.5	70	0.5	1	1.76	2.55	1.90	-0.27	3.02	5	40	55	80% WELL-ROUNDED 20% MODERATE	vol 40/ss 30/ gr 5	
70	10647	43°45.5' N	66°58.2' W	57	07/02-2328	W of Yarmouth	SSb	80% sand. Small gravel, largest 3/4". Whole & broken worm tubes.	31	64	3.5	2	1.76	2.62	2.15	-0.05	2.92	20	60	20	MODERATE TO WELL	vol 10/med 20/ gr 5/med 30	
71	10548	43°45.0' N	66°58.2' W	128	07/02	W of Yarmouth	SSb	3 large rocks, 20% sand. Less than 1% conserangular tertiary cgl. 3 ship slag pieces. Sestro sand by depth.	94	5	0.5	0.3	-5.35	-4.77	1.97	0.30	1.75	15-99	80	20		vol 20/ss 20/ gr 25/med 25	
72	10549	43°40.0' N	66°40.5' W	144	08/02-0008	W of Yarmouth	SSb	20% sand. Large rocks & gravel. Possible tertiary 20%. T111 with modified surface. Whole & broken scallop shells.	70	22	6	2	-5.02	-2.57	3.97	3.70	0.50	2.59	2	50	38	MODERATE	vol 60/ss 20/ gr 15/med 5
73	10550	43°57.0' N	66°40.0' W	113	08/02-0041	N of Garmen Bank	SSb	90% sand & 10% rock. Could be fill. Possible tertiary 30%. Coal frags. 2 shells, whole & broken.	50	41	8	2	-0.94	-0.50	3.66	3.40	0.13	1.94	10	50	40	MODERATE	vol 50/ss 20/ med 20

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %	
									Grav	Sand	Silt	Clay						Well	Mod	Ang			
74	10951	43°53.0' N	66°59.5' W	103	08/02-0017	N of German Bank	SSb	Sand & rock. Possibly tertiary 80%, soft & large. One large 2" well rounded melasod. Till or Sembro sand.	62.5	29	7	2	-3.04	-1.34	3.48	3.05	0.40	2.49	5	15	80	5% MEL., QTZ BNLS, REST MODERATE	
75	10952	43°50.0' N	66°59.5' W	115	08/02-0150	N of German Bank	SSb	Sand & whole shells. 2 attempts.	6.5	70	20	3.5	2.94	2.04	0.85	-0.17	5.08	90	FOOR		vol 20/gr 20/ met 25/qtz/ fsp		
76	10953	43°25.5' N	66°41.3' W	139	08/02-0219	NE of German Bank	SSb	Sand & rock. Possible tertiary. Whole & broken shells. 2 attempts.	46	43	9.5	2	1.10	0.05	3.85	3.85	0.02	1.52	5	50	45	vol 20/seed 10/ gr 30/met 25	
77	10954	43°24.6' N	66°59.8' W	132	08/02-0300	German Bank	SSb	Sand. Whole & broken shells. 0.34	89	9	2	3.33	3.38	1.05	0.45	1.07	16.64					vol /sed 60/met	
78	10955	43°18.1' N	66°40.0' W	112	08/02-0346	E of German Bank	SSb	Sand. Tertiary 60%.	63.5	22	12.5	2	-3.07	-1.39	4.10	4.25	0.32	2.05	1	40	60	MODERATE	vol 20/seed 20/ gr 25/met 20/ qtz
79	10956	43°10.8' N	66°59.8' W	99	08/02-0456	SE of German Bank	SSb	Sand. One fair sample.	49	43	6.5	1.5	-0.91	-0.11	2.79	2.25	0.35	2.75	20	60	20	MODERATE	vol 10/gr 70/ greiss/schist
80	10957	43°06.5' N	66°58.2' W	123	08/02-0592	S of German Bank	SSb	Sand with two attempts. Fair sample.	34	59	5	2	2.15	1.10	2.75	2.35	0.05	2.35	10	60	30	gr 30/met 20/ greiss/schist	
81	10958	43°03.0' N	66°58.5' W	152	08/02-0632	S of German Bank	SSb	Sand & coral. Small sample. fair. Less than 1% tertiary. Shells & coral.	34	54	10	2.5	2.29	1.27	2.50	2.50	0.02	2.25	20	80		gr 30/met 20/ greiss/schist	

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean g	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %		
									Grav	Sand	Silt						Clay	Well	Mod			Ang	
82	10559	43°07.0' N	66°44.3' W	119	08/02-0725	SE of German Bank	SSb	2 attempts. Good sample on 2nd. Rocks, gravel & sand. Shells.	55.5	37.5	7	2	-1.34	-0.38	2.98	2.35	0.38	2.89	30	40	30	MODERATE	vol 15/seed 30/ gr 15/mef 30
83	10560	43°09.2' N	66°44.2' W	128	08/02-0751	SE of German Bank	SSb	Sand & gravel. Whole & broken shells.	44.5	49	5.2	1.5	-0.01	0	2.72	2.20	0.22	2.67	10	50	40	MODERATE TO POOR	vol 15/seed 30/ gr 15/mef 30
84	10561	43°13.8' N	66°44.5' W	119	08/02-0825	E of German Bank	SSb	Sand, store & pebbles. 5% tertiary. Plant material.	45.5	50	3.5	1	-0.37	-0.35	2.84	2.35	0.14	2.40	10	50	40	MODERATE	
85	10562	43°20.4' N	66°44.5' W	143	08/02	E of German Bank	SSa	Very fine sand. Shells.	1.5	83	12.5	3	3.29	3.34	1.41	0.50	0.21	11.79				MODERATE TO POOR	
86	10563	43°26.4' N	66°45.5' W	179	08/02-1007	NE of German Bank	SSD	Mud, sand & small stones.	28.5	39	26.5	6	3.12	1.76	3.88	3.15	-0.22	2.14	5	25	70		vol 20/seed 10/ gr 10/mef 60
87	10564	43°34.0' N	66°46.0' W	135	08/02-1112	W of Yarmouth	SSb	Stones, pebbles & very fine sand.	66	28	5	1.5	-4.58	-2.35	3.80	3.45	0.43	2.38	25	75		WELL TO MODERATE	gr 20/mef 60/ qtz
88	10565	43°36.4' N	66°45.2' W	119	08/02-1135	W of Yarmouth	SSb	Sand, stones & pebbles. Tertiary sandstone.	53.5	34.5	9.5	2	-2.57	-1.16	4.31	4.15	0.15	1.59	5	40	50	MODERATE	vol 15/seed 10/ gr 10/mef 60
89		43°40.0' N	66°45.0' W	126	08/02-1153	W of Yarmouth	SSb	Rock.															
90	10566	43°41.4' N	66°45.5' W	135	08/02	W of Yarmouth	SSb	Gravel, large rock, some sand washed out of grab. Whole & broken shells. 3 attempts, jaws open.	92	7.5	0.5	0.5	-5.42	-4.73	2.30	0.25	1.55	11.75					vol 40/seed 5/ gr 40/mef 10/ qtz
91	10567	43°46.8' N	66°45.5' W	137	08/02-1257	W of Yarmouth	SSb	Sand & small gravel pebbles.	69	28	2	1	-3.58	-1.98	3.10	2.85	0.51	2.95	10	40	50	MODERATE	

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Std Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %			
									Grav	Sand	Silt					Clay	Well	Mod			Ang		
92	10568	43°49.9' N	66°46.1' W	165	08/02-1319	W of Yarmouth	SSb	Broken old shells.	37	60.5	1	1.5	2.1	0.12	3.32	3.20	-0.14	1.87	10	50	40	MODERATE	
93		43°52.8' N	66°45.8' W	110	08/02	W of Port Maitland	SSb	No sample. Rocks in Jaws. Jaws open. Wind 40/kph, 6 ft shells.															
94		43°55.4' N	66°46.1' W	110	08/02	W of Port Maitland	SSb	No sample. Rough sea. Jaws open, weight caught in Jaws.															
95	10569	44°00.0' N	66°45.5' W	100	08/02	W of Port Maitland	SSb	Small pebble & sand. One sample bag. Whole & broken shells. Jaws open.	67	30	2	1	-2.29	-1.42	2.65	1.80	0.59	4.31	25	50	25	WELL TO MODERATE	vol 20/gr 20/ net 30/qtz
96		44°00.0' N	66°48.4' W	99	08/02-1519	E of SN Bank	SSD	2 attempts, 1 open & 1 closed. Only rocks - didn't save 2nd. Rough sea.															
97	10570	44°04.5' N	66°51.1' W	150	08/02-1605	E of SN Bank	SSD	Sandy silt.	27	65.5	5.0	2.5	2.35	1.21	2.92	2.10	-0.22	2.89	20	60	20	vol 20/ssd 20/ net 20	
98	10571	43°55.5' N	66°53.4' W	141	08/02-1719	W of Yarmouth	SSD	Gravel & sand. Possible tertiary. Whole & broken scallop shells.	54.5	33	9.5	3	-1.92	-1.10	4.07	3.80	0.23	2.07	5	70	25	vol/ssd/gr/ net/cgl	
99	10572	43°53.0' N	66°51.3' W	148	08/02-1750	W of Yarmouth	SSb	Rock & coarse sand. Broken old shells.	85	13.5	1	0.5	-5.23	-4.01	2.78	0.65	0.97	5.79	10	50	40	MODERATE TO POOR	vol/ssd/gr 30/ net 40

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median g	Mean g	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies #	
									Grav	Sand	Silt							Clay	Well	Med			Ang
118	10586	43°42.3' N	66°57.9' W	146	09/02-0538	S of Grand Manan	SSD	Gravel & sand. Tertiary? Fair sample.	69	23	6.5	1.7	-4.15	-2.08	3.70	3.30	0.51	2.72	10	20	70	MODERATE TO POOR	vol 30/sed 30/ met 30/qrz
119	10587	43°48.0' N	66°58.9' W	214	09/02-0637	SW of Grand Manan	LC	Mud. 20% tertiary. Very good sample.	1.2	32	44	22	4.78	5.15	2.46	2.40	-0.09	2.78					
120	10588	43°50.3' N	66°58.0' W	172	09/02-0734	S of Grand Manan	SSD	Mud sample. 2% tertiary. Release broke, changed Van Neere.	37.5	46.5	11.5	4.5	1.60	0.35	3.96	3.46	0.01	2.04	40	60			vol 10/sed 10/ gr 20/met 60
121	10589	43°56.2' N	67°01.0' W	183	09/02-0832	S of Grand Manan	SSD	Mixture of mud & sand & stones. 1% tertiary. 3 attempts, 2 open & 1 closed.	44	41	10.7	4.5	0.6	-0.26	4.19	3.75	0.10	1.91	60	40			vol 20/sed 20/ gr 25/met 25
122	10590	44°03.0' N	66°59.5' W	177	09/02-0920	S of Grand Manan	SSD	Mud, sand & stone. Tertiary sandstone.	21	45	25	11	2.42	2.27	3.74	2.50	-0.07	2.37	25	75			sed 40/g 20/ met 20
123	10591	44°04.0' N	67°10.6' W	155	09/02-1007	S of Grand Manan Banks	LC	Mud & sand. Fossils. Very good sample.	0	37	62	1	4.49	4.94	1.79	1.70	0.18	1.80					
124	10592	44°06.5' N	67°14.5' W	192	09/02-1059	Grand Manan Banks	LC	Mud, sand & pebbles. Possibly tertiary sand grains. Forum sand.	0	14.5	60	25.5	4.91	5.71	1.88	1.86	0.11	2.13					
125	10593	44°13.0' N	67°16.0' W	198	09/02-1127	Grand Manan Banks	SSD	Rock, sand, pebbles & mud. Scallop shells. Tertiary sandstone.	90	5	3	2	-5.35	4.35	3.02	0.30	1.47	10.95	50	50			sed 60

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median Ø	Mean Ø	Std Dev	Quart Dev	Stew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %	
									Grav	Sand	Silt/Clay							Well	Mod	Ang			
126	10594	44°17.0' N	67°20.2' W	196	09/02-1202	W of Grand Manan Banks	SSD	Sand, rock & mud. Old shells, whole & broken.	50	28	14	8	-1.01	-0.04	4.53	3.70	0.23	1.97	20	40	40	MODERATE	ss 20/met 60/ schist
127	10595	44°16.4' N	67°25.0' W	203	09/02-1225	W of Grand Manan Banks	SSD	Mud & one small lamprey eel.	19.5	48	20	13	2.24	2.21	4.10	2.40	-0.13	2.45	10	80	10	MODERATE	vol 10/ss 20/ gr 60/met 10
128	10596	44°09.6' N	67°22.6' W	221	09/02-1257	Grand Manan Banks	LCC	Mud - compact green-grey clay covered by a thin layer of light brown. Shell frags.	0	16	55	30	5.69	6.05	1.99	1.90	-0.01	1.75					
129	10597	44°03.7' N	67°21.5' W	154	09/02	Grand Manan Banks	Lob	Mud - layered black & green. Brown sand at top 2 cm. Sand is arrowhead forams.	0	1	70	29	5.44	6.16	1.76	1.80	0.14	1.62					
130	10600	44°00.1' N	67°33.0' W	176	09/02	Grand Manan Banks	SSD	Mud. No fecal pellets. Forams, arrowheads.	0.2	35	44	20	4.56	4.90	2.39	2.20	.12	1.95					
131	10601	43°38.5' N	67°14.1' W	176	09/02	Grand Manan Banks	SSD	Mud & some rock. Wind 50/kph.	37	36	20	7	1.54	0.62	4.63	4.65	-0.02	1.78	10	20	70		
132	10602	43°36.0' N	67°10.6' W	139	09/02-1545	S of Grand Manan Banks	SSD	Glacial Hill? Rock, sand & mud. 10% tertiary. Coral forams.	42	34	16	8	1.18	0.36	4.57	4.15	0.09	1.79					vol 15/sed 20/ gr 20/met 20
133	10603	43°36.1' N	67°17.0' W	212	09/02-1633	S of Grand Manan Banks	Lob	Mud. Rough sea.	0.15	19	54	27	5.10	5.79	2.05	1.90	0.02	2.10					
134	10604	43°36.0' N	67°23.9' W	241	09/02-1711	Jordan Basin	ESb	Mud. Agglutinated fecal pellets. Arrow forams. Rough sea.	4	14	95	27	5.65	5.57	2.88	1.85	-0.70	5.65					

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %		
									Grav	Sand	Silt Clay						Well	Mod	Ang				
135	10605	43°50.0' N	67°24.0' W	221	09/02-1755	Jordan Basin	LoS	Mud. Rough sea.	11	26	47	16	4.45	3.40	1.80	-0.40	3.31						
136	10606	43°49.9' N	67°17.5' W	196	09/02-1851	Jordan Basin	ESb	Mud. Rough sea.	46	24	25	7	1.20	0.07	4.94	4.80	0.05	1.54	5	20	75	MODERATE TO POOR	vol 40/ss 5/ gr 20/mef 20/ schist/gneiss
137	10607	43°52.1' N	67°10.0' W	195	09/02-1109	S of SW Banks	SSD	Gravel & mud. Red, friable sandstone. Rough sea.	70	20	6	3	-4.25	3.86	2.90	0.61	3.32	20	65	15		vol 20/ss 5/ gr 25/mef 30	
138	10608	43°50.2' N	67°04.0' W	166	09/02-1930	S of SW Banks	SSD	Mud & gravel. 10% tertiary. Rough sea. 2 attempts.	41	35	18	8	0.98	0.53	4.42	3.95	0.10	1.88	10	70	20	MODERATE	mef 70
139		43°46.2' N	67°04.0' W	166	09/02	S of SW Banks	SSD	Dozen golfball sized pebbles. Organic frags. Rough sea.															
140	10609	43°46.8' N	67°09.5' W	194	09/02-2040	S of SW Banks	LoC	90% mud & rocks.	40	30	22	8	2.24	0.70	4.67	4.40	-0.05	1.66	20	40	40		sed 40/qtz 50
141	10610	43°46.5' N	67°11.7' W	188	09/02-2136	Jordan Basin	ESb	Mud, stone & gravel. Till. Rough sea.	28	28	35	11	3.29	2.00	4.38	3.30	-0.21	2.09	X	80	MODERATE TO POOR		
142	10611	43°46.2' N	67°24.4' W	229	09/02	Jordan Basin	ESb	Mud - rock in it. Silt? Freezing spray, rough sea.	13	30	41	16	4.28	3.75	3.45	1.80	-0.28	2.81			X	MODERATE	
143	10612	43°43.3' N	67°24.5' W	225	09/02-2337	Jordan Basin	ESb	Mud with rock.	6.5	30	48	15	4.42	4.20	2.92	1.50	-0.28	3.39					
144	10613	43°40.2' N	67°15.6' W	179	10/02-0031	Jordan Basin	ES	Sand & mud. Rough sea.	1.5	48.5	39.5	10.5	4.01	4.00	2.16	1.05	0.19	3.58	10	80	MODERATE		

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness	Lithologies %
									Grav	Sand	Silt						Clay	Well	Mod		

ss/ner 50

145	10614	43°40.4' N	67°10.3' W	144	09/02-0100	S of SW Banks	SSD	Rocks with some sand. Less than 1% tertiary. Sandstone or till. One large 5" rock with glacial grooves. Rough sea. 2 attempts.	94	4	1	0.5	-5.46	-4.92	2.12	0.20	1.98	19.32				
146	10615	43°40.5' N	67°04.2' W	143	10/02-0143	S of SW Banks	SSD	Sand & rock. Rough sea.	52	32.5	11	4.5	-1.68	-0.70	4.12	3.50	0.26	2.05				
147	10616	43°35.4' N	67°03.2' W	208	10/02-0220	S of SW Banks	L0c	Mud. 10-20% tertiary in coarse & fine sand? Strange rock cores 1/2" long, 1/8" diameter. Rough sea.	0.3	23	24	52.5	4.86	5.97	2.44	2.25	0.01	1.57				
148	10617	43°35.5' N	67°10.0' W	214	10/02-0316	S of SW Banks	L0c	Mud & silt. 5-10% tertiary. 5-10% tertiary. Coarse sand is all tertiary & forams. Arrowhead forams. Rough sea.	0	37	48	15	4.34	4.65	1.88	0.75	0.41	3.01				
149	10618	43°32.7' N	67°08.1' W	230	10/02-0408	S of SW Banks	L0c	Mud. Forams. Sponge spicules, arrowhead forams. Rough sea.	0	20	61	19	4.63	5.35	1.81	1.25	0.38	2.60				
150	10619	43°27.7' N	67°17.3' W	223	10/02-0454	Jordan Basin	L0c	Mud. Silt or clay. Rough sea.	0	21	62	17	4.99	5.16	1.89	1.00	0.28	2.85				MODERATE
151	10620	43°35.2' N	67°24.4' W	229	10/02-0539	Jordan Basin	L0b	Mud. Fecal pellets. Rough sea.	0	4	74	22	4.82	5.70	1.76	1.65	0.32	2.05				

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Lithologies %	
									Grav	Sand	Silt						Clay	Well	Mod		Ang
152	10621	45°31.1' N	67°24.3' W	240	10/02-0621	Jordan Basin	LOB	Mud, 5% tertiary. Strange sample, 1/8" meteoric frag? 88 egg-shaped tertiary agglutinated forams. Rough sea.	0	1	71	28	5.31	6.15	1.76	1.80	0.16	1.46			
153	10622	45°25.3' N	67°25.6' W	201	10/02-0704	SE Jordan Basin	SSD	Mud & gravel. Rough sea.	47	36	11	7	-0.48	-0.41	4.28	3.35	0.24	2.26			
154	10623	45°25.8' N	67°17.0' W	210	10/02-0754	SE of Jordan Basin	SSD	Mud, Rough sea. Fair sample.	11	64	17	8	2.38	2.47	2.95	1.40	0.02	3.51			
155	10624	45°27.5' N	67°10.0' W	238	10/02-0834	W of German Bank	SSD	Number of pieces of large gravel.													
156	10624	45°28.0' N	67°01.5' W	240	10/02-0926	W of German Bank	SSD	Mud.	1	42	44	13	4.20	4.67	1.92	0.70	0.26	4.57			
157	10625	45°20.8' N	67°04.0' W	227	10/02-1020	W of German Bank	SSD	Mud & gravel. Small tertiary sand grains. One ice-rafted pebble. 5 shells.	8	41	38	12	4.01	3.79	3.01	0.75	-0.53	5.02			
158	10627	45°17.0' N	67°10.7' W	245	10/02-1101	W of German Bank	SSD	Mud, 2% tertiary. Ice-rafted 2" rock.	9	47	33	11	3.78	3.56	3.15	1.05	-0.44	4.32			
159	10627	45°20.0' N	67°17.0' W	230	10/02-1142	W of German Bank	SSD	Clay. Less than 1% tertiary.	0.5	39.5	40	20	4.41	4.88	2.36	2.15	0.13	2.19			
160	10628	45°19.5' N	67°25.1' W	216	10/02-1224	W of German Bank	SSD	Mud with rocks.	51	35	8	6	-2.30	-1.05	4.59	3.90	0.23	1.93			
161	10629	45°13.2' N	67°26.5' W	201	10/02-1252	W of German Bank	SSD	Mud, lots of rock in it. Till?	43	39	12	6	0.64	0.02	4.33	3.80	0.11	1.95			
162	10630	45°12.5' N	67°17.5' W	223	10/02	W of German Bank	ESa	Good clean mud!	1	54	28	17	3.85	4.73	2.25	1.60	0.21	2.65			

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages				Median Ø	Mean Ø	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Lithologies %
									Grav	Sand	Silt	Clay							Well	Med	Ang	
163	10631	43°09.4' N	67°11.1' W	205	10/02-1415	W of German Bank	SSD	Rock, sand & mud.	48	37	10	4	-0.57	-0.73	4.20	3.55	0.21	2.12				
164	10632	43°11.9' N	67°04.2' W	207	10/02-1458	W of German Bank	SSD	Sandy mud, some rock.	1.5	69	23.5	6	3.22	3.48	1.79	0.80	0.41	5.53				
165	10633	43°07.6' N	67°03.5' W	192	10/02-1538	W of German Bank	SSD	Till.	70	20.5	7.5	2.5	-5.26	-2.73	4.10	3.35	0.35	2.84				
166	10634	43°04.6' N	67°04.6' W	186	10/02-1605	W of German Bank	SSD	Gravel & mud.	31.5	51.5	12.5	4.5	1.41	0.83	3.42	2.35	0.04	2.50				
167	10635	43°05.0' N	67°10.4' W	232	10/02-1636	W of German Bank	ESa	Mud.	2.5	62	30	6	3.5	3.54	1.92	0.90	0.16	5.11				
168	10636	43°05.0' N	67°11.5' W	223	10/02-1656	W of German Bank	SSD	Gravel & mud.	42	37.5	15	5.5	1.05	0.01	4.50	4.30	0.04	1.78				
169	10637	43°05.3' N	67°20.0' W	179	10/02-1741	Trukton Swell	SSD	Gravel. 2 attempts: 1 open, 1 closed. Weight caught in grab on 1st attempt.	58	33	6	3	-3.71	-1.30	3.92	3.50	0.33	2.24				
170	10638	43°05.8' N	67°27.0' W	196	10/02-1815	Trukton Swell	SSD	Mud.	17	49	24	10	2.79	2.62	3.31	1.80	-0.05	2.99				
171	10639	43°05.8' N	67°27.0' W	243	10/02-1901	Trukton Swell	LOC	Mud.	0.5	31.5	49.5	18.5	4.50	5.14	2.00	1.45	0.19	3.22				
172	10640	43°00.0' N	67°22.3' W	243	10/02-1933	Crowell Basin	LOC	Mud.	0	84	15	1	3.39	3.43	0.98	0.5	1.12	13.44				
173	10641	43°00.0' N	67°17.2' W	221	10/02-1958	Crowell Basin	SSD	Sand & gravel.	21	58	15	6	1.55	1.42	3.34	1.70	0.05	2.88				
174	10642	43°00.0' N	67°11.5' W	225	10/02-2020	Crowell Basin	SSD	Till.	17	65	13	5	1.65	1.67	2.89	1.45	0.11	3.44				

CRUISE - DAWSON - 73-003 - Gulf of Maine : CHIEF SCIENTIST - G. Feder : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Lithologies %
									Grav	Sand	Silt							Clay	Well	Mod	
175	10643	43°00.0' N	67°05.7' W	227	10/02-2020	Crowell Basin	ESb	Mud, sand & rock- organic on surfaces- Sandy paste-like material with few rocks in grab.	51	39	7	3	-1.14	-0.94	3.92	3.60	0.19	2.09			
176	10644	43°00.0' N	67°00.0' W	176	10/02-2129	Crowell Basin	SSb	Sand, stone & gravel.	44	39	13	4	0.16	-0.05	3.75	3.45	0.16	2.11			
177	10645	43°00.0' N	66°51.2' W	154	10/02-2212	E of Crowell Basin	SSb	Gravel, sand & mud.	43	47	8	2	0.17	-0.05	3.31	2.90	0.11	2.27			
178	10646	43°00.0' N	66°45.0' W	188	10/02-2250	E of Crowell Basin	SSb	Till.	67	25	6	2	-3.80	-1.92	3.62	3.05	0.46	2.70			
179	10647	42°56.5' N	66°44.5' W	212	10/02-2311	W of Crowell Basin	SSb	Till.	48	39	10	3	-0.17	-0.27	3.88	3.70	0.15	1.85			
180	10648	42°55.3' N	66°51.7' W	192	10/02-2258	E of Crowell Basin	SSD	Till.	67	25	6	2	-4.10	-1.80	3.64	3.30	0.48	2.52			
181	10649	42°54.8' N	66°59.6' W	225	11/02-0026	E of Crowell Basin	SSD	Till.	48	41	6	3	-0.48	-0.33	3.86	3.60	0.16	1.94			
182	10650	42°54.6' N	67°05.0' W	254	11/02-0108	E of Crowell Basin	SSD	Till.	55	24	15	7	-3.87	-0.87	4.85	4.30	0.26	1.81			
183	10651	42°54.8' N	67°12.6' W	256	11/02-0156	Crowell Basin	SSD	Rough sea.	40	45	12	5	0.75	-0.02	4.05	3.40	0.13	2.16			

CRUISE - DAWSON - 73-003 - Chedabucto Bay : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Surf Sed Type	DESCRIPTION	Percentages			INMAN				FOLK						
									Grav	Sand	Silt	Clay	Mean ϕ	Median ϕ	Mean ϕ	Sorting	Skew	Kurt	Mean ϕ	Median ϕ	Mean ϕ	Sorting
1	10494	45°37.1' N	61°22.9' W	49	19/02-1319	Strait of Canso	LOd	2 attempts. 1st: Mud, grey-green - brown layer on top 1 inch. 2nd: Mud, mussel shells. Shipborne, FB, 30 mins. time, 30% exposures. Nephelometer #2.	1	47	28	25	4.95	5.28	3.82	0.09	0.19	4.95	5.17	3.28	0.13	0.59
2	10495	45°36.7' N	61°22.7' W	20	19/02-1502	Strait of Canso	SISc	Rock in jaws. Lots of life. Mud.	56.7	25.0	9.6	8.7	-2.04	0.44	4.66	0.53	0.46	-2.04	-0.39	4.39	0.60	0.87
3	10496	45°35.5' N	61°22.3' W	24	19/02-1515	Strait of Canso	LOd	Sandy mud. Shell particles.	3	46	27	24	4.51	4.75	4.35	0.05	0.17	4.51	4.67	3.72	0.09	0.93
4	10497	45°35.3' N	61°22.1' W	33	19/02-1525	Strait of Canso	LOd	Black mud.	34	22	23	21	2.59	2.50	6.37	-0.02	0.12	2.59	2.53	5.34	0.05	0.93
5	10498	45°34.9' N	61°27.7' W	42	19/02-1543	Strait of Canso	LOd	Nephelometer. Bottle cast.	1	10	47	42	7.43	7.21	2.46	-0.09	0.72	7.43	7.28	2.50	-0.08	0.95
6	10499	45°34.4' N	61°21.1' W	40	19/02-1615	Strait of Canso	LOd	Mud. 3 attempts: 2 open, 1 closed.	0.4	18	47	34	6.86	6.43	2.99	-0.15	0.54	6.86	6.57	2.89	-0.05	0.97
7	10500	45°37.7' N	61°20.4' W	37	19/02-1635	Strait of Canso	LOd	Mud.	1	20	48	31	6.38	6.35	3.02	-0.01	0.33	6.38	6.36	2.75	0.07	0.77
8	10501	45°33.2' N	61°19.5' W	37	19/02-1647	Strait of Canso	LOc	Mud. Thin layer of light brown mud on top of grey-black mud. 2 attempts: 1 open, 1 closed.	2	12	48	38	7.05	6.97	2.57	-0.03	0.70	7.05	7.00	2.61	-0.05	0.95
9	10502	45°32.8' N	61°18.35' W	38	19/02-1705	Strait of Canso	LOc	2 attempts. (Log problem, only a lonely sea urchin. Hard bottom)	6	28	37	29	6.08	5.32	3.86	-0.19	0.87	6.08	5.58	4.22	-0.28	0.93
10	10503	45°32.45' N	61°17.1' W	37	19/02-1721	Strait of Canso	LOc	Mostly mud. Worms, several flat rocks, sandstone (beds?) (seeds?). Nephelometer.	12	13	45	32	6.35	5.51	3.90	-0.21	0.99	6.35	5.79	4.31	-0.19	1.35
11	10504	45°32.1' N	61°15.7' W	20	19/02-1740	S of Strait of Canso	SISc	2 attempts. 1st: Large angular rock. 2nd: Brown mud & rock.	60	7	20	13	-5.88	1.11	6.35	0.78	0.18	-5.88	-0.56	5.45	0.79	0.57

CRUISE - DAWSON - 73-003 - Chedabucto Bay : CHIEF SCIENTIST - G. Feder : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	DESCRIPTION	Percentages				INMAN				FOLK					
									Grav	Sand	Silt	Clay	Mean Ø	Median Ø	Sorting	Skew	Kurt	Mean Ø	Median Ø	Sorting	Skew	Kurt
12	10505	45°32.55'N	61°15.4' W	35	19/02-1755	S of Strait of Canso	LOC	Mud.	0.5	45	35.5	19	4.37	5.35	3.31	0.30	0.25	4.37	5.05	2.91	0.34	0.75
13	10506	45°33.25'N	61°15.6' W	9	19/02-1807			Layered clay.	0	32.5	49.5	18	4.50	5.96	2.49	0.59	0.38	4.50	5.47	2.28	0.60	0.56
14	10507	45°32.95'N	61°14.5' W	13	19/02-1825	Inhabitant's Bay	LOC	Mud.	0	25	56	19	4.82	6.14	2.52	0.52	0.37	4.82	5.70	2.31	0.53	0.95
15	10508	45°32.4' N	61°13.7' W	16.5	19/02-1838	Inhabitant's Bay	LOC	Mud.	0	45	40	17	4.41	5.48	2.73	0.39	0.37	4.41	5.13	2.50	0.43	0.87
16	10509	45°31.6' N	61°14.4' W	40	19/02-1852	SE of Strait of Canso	LOC	Mud.	1	29	43	26	5.52	5.75	3.51	0.07	0.29	5.52	5.67	3.12	0.15	0.76
17	10510	45°31.05'N	61°13.65'W	15	19/02-1905	SE of Strait of Canso	LOC	Mud.	0	29	46	25	5.45	5.64	3.56	0.05	0.18	5.45	5.58	3.05	0.14	0.67
18	10511	45°30.25'N	61°13.6' W	13	19/02-1917	SE of Strait of Canso	LOC	Mud.	0.3	51	35	14	3.91	4.92	2.39	0.42	0.56	3.91	4.58	2.32	0.50	1.08
19	10512	45°30.3' N	61°12.8' W	40	19/02-1931	SE of Strait of Canso	LOC	Brown mud.	0	9	63	27	5.87	6.85	2.45	0.40	0.41	5.87	6.52	2.28	0.35	0.79
CA 20	10513	45°29.8' N	61°11.5' W	42	19/02-1945	S of Janvrin Island	LOC	Mud. Nephelometer. Shiptome camera, 30 exposures, drifting slightly.	0.4	25	55	20	5.01	5.85	2.88	0.29	0.40	5.01	5.58	2.66	0.35	1.08
21	10514	45°29.2' N	61°11.8' W	27	19/02-2030	S of Janvrin Island	LOC	Mud.	0	19	59	22	5.15	6.41	2.62	0.48	0.44	5.15	5.99	2.45	0.44	0.55
22	10515	45°28.1' N	61°11.4' W	20	19/02-2105	S of Janvrin Island	LOC		0	31	52	18	4.69	5.85	2.52	0.46	0.41	4.69	5.47	2.33	0.50	1.05
23	10516	45°28.9' N	61°10.4' W	22	19/02-2120	S of Janvrin Island	LOC		0	32	51	17	4.68	5.71	2.59	0.40	0.44	4.68	5.37	2.42	0.45	1.09

Cruise - Dawson - 73-003 - Chedabucto Bay : Chief Scientist - G. Fader : Sample Type -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			INMAN				FOLK						
									Grav	Sand	Silt	Clay	Mean Ø	Median Ø	Skew	Kurt	Mean Ø	Median Ø	Skew	Kurt	Mean Ø	Median Ø
63	10686	45°23.7' N	61°05.95' W	68	20/02-1146	N of Fox Bay	LOB	Silty clay.	0	5	66	28	5.79	6.89	2.37	0.47	0.32	5.79	6.53	2.13	0.46	0.70
64	10687	45°22.7' N	61°07.6' W	77	20/02-1154	N of Fogarty Bay	LOB	Silty clay. Nephelometer.	0	8	83	9	5.81	6.09	1.54	0.18	0.74	5.81	5.99	1.58	0.11	1.04
65	10688	45°23.3' N	61°06.2' W	75	20/02-1232	N of Fox Bay	SIB	No sample.	84	2	9	4	-5.12	-3.51	1.82	0.88	2.61	-5.12	-4.05	2.50	0.95	10.76
66		45°25.5' N	61°05.2' W	37	20/02-1255	E of Cape Argo	SIS	No sample. Hard bottom. 3 attempts.	70	23	4.5	3	-3.37	-1.65	3.56	0.48	0.48	-3.37	-2.22	3.37	0.56	0.75
67	10689	45°26.9' N	61°03.8' W	42	20/02-1319	E of Cape Argo	SIB	Fair sample.														
68		45°26.0' N	61°02.0' W	42	20/02-1333	E of Cape Argo	SIB	One small rock. Hard bottom.														
69	10690	45°24.1' N	61°03.4' W	91	20/02-1356	N of Carso	LOB	Nephelometer. Bottle cast.	0	0.5	62	37	7.05	7.32	2.22	0.12	0.33	7.05	7.23	2.00	0.21	0.70
CA 70	10691	45°22.0' N	61°03.7' W	88	20/02-1452	NE of Fox Island	SIB	Till. Shipborne camera, 30 exposures, FB. See photo - gravel seems high & looks more like soft sand or sand on ector-gran & photo, though somewhat hummocky. Till may be close to surface.	70	9	12	9	-4.03	0.50	5.75	0.79	0.28	-4.03	-1.01	5.11	0.81	0.89
71	10692	45°25.0' N	61°00.5' W	82	20/02-1556	N of Durrell Island	LOd	Mud.	19	13	41	26.5	5.76	3.65	5.61	-0.38	0.20	5.76	4.34	4.85	-0.20	0.83
72	10693	45°25.15' N	60°59.8' W	70	20/02-1615	N of Durrell Island	SSD	Till.	60.5	16.5	15	8	-2.33	0.15	5.23	0.47	0.39	-2.33	-0.67	4.81	0.54	0.74
73	10694	45°27.0' N	60°59.5' W	70	20/02-1634	S of Moyac Point	SSD	Till.	36	23	25	13	2.45	1.85	6.02	-0.10	0.24	2.45	2.05	5.27	-0.02	0.69
74	10695	45°27.8' N	60°57.5' W	91	20/02-1649	SE of Moyac Point	LOB	Mud, good mud. Nephelometer.	0	14	63	22	5.01	6.54	2.49	0.61	0.33	5.01	6.03	2.25	0.60	0.87
75	10696	45°24.6' N	60°58.4' W	80	20/02-1732	N of Durrell Island	SSD	Till. Nephelometer.	19	36	30	14	3.53	2.85	4.68	-0.14	0.37	3.53	3.08	4.28	0.05	1.13

CRUISE - DAWSON - 73-003 - Chedabucto Bay : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Surf Sed Type	DESCRIPTION	Percentages			INMAN					FOLK					
									Grav	Sand	Silt	Clay	Mean ϕ	Median ϕ	Sorting	Skew	Kurt	Mean ϕ	Median ϕ	Sorting	Skew	Kurt
76	10697	45°22.15'N	60°57.15'W	119	20/02-1811	N of Glasgow Head	LOB	Mud & worms. Nephelometer.	0	1	59	40	7.34	7.47	2.12	0.05	0.41	7.34	7.43	1.96	0.14	0.76
77	10698	45°23.1'N	60°56.5'W	84	20/02-1853	NE of Durrell Island	SISb	Gravel 90%, sand 10% - green stone.	96	1.5	1.5	1	-5.12	-5	0.25	0.48	2	-5.12	-5.04	0.35	0.61	1.81
78	10699	45°26.05'N	60°56.2'W	112	20/02-1916	N of Glasgow Hbr	LOB	Clay.	1	9	61	30	6.18	6.85	2.49	0.27	0.34	6.18	6.63	2.26	0.29	0.73
79	10700	45°26.5'N	60°56.9'W	121	20/02-1929	SE of Moyac Point	LOB	Mud.	0	6	62	32	6.39	6.98	2.39	0.25	0.35	6.39	6.78	2.17	0.27	0.70
80	10701	45°27.45'N	60°54.3'W	99	20/02-1945	S of Petit de Grat Isle	SISb	Mud, rock. Till? Nephelometer. Bottle cast. Jaws open.	1	49	37	12	3.98	5.12	1.74	0.66	0.69	3.98	4.74	1.87	0.70	1.92
81	10702	45°24.9'N	60°54.1'W	99	20/02-2049	N of Cape Canso	SSD	Mud, rocks, gravel & clay.	27	24	28	21	3.89	3.20	5.62	-0.12	0.17	3.89	3.43	4.80	-0.05	0.63
82	10703			95	20/02-2102		SISd	Silt & gravel. Sea calm with ice. 2 attempts, one open & one closed.	39	43	12	7	1.62	0.17	4.22	-0.34	0.59	1.62	0.65	4.15	-0.05	0.88
CA 83	10704	45°21.9'N	60°53.1'W	152	20/02-2140	NE of George Island	LOB	Silt & gravel. Photo shows mud or sand bottom. No gravel visible. Slightly hummocky. Shipborne camera, 5 wasted, 5 left.	69	4	17	10	-4.95	0.48	5.74	0.95	0.29	-4.95	-1.33	5.11	0.95	0.64
84	10705	45°22.4'N	60°50.8'W	145	20/02-2252	NE of George Island	SSD	Silty clay & gravel.	20	23	39	18	4.4	3.38	4.99	-0.21	0.30	4.4	3.72	4.45	-0.09	0.79
85	10706	45°24.1'N	60°49.6'W	110	20/02	NE of Cape Canso	SSD	Gravel & silty clay. 2 attempts, one open & one closed.	52	14	21	13	-1.56	1.61	5.75	0.55	0.21	-1.56	0.55	4.98	0.59	0.6
86	10707	45°24.8'N	60°51.2'W	119	20/02-2334	NE of Cape Canso	LOB	Silty clay.	0.4	10	61	28	6.36	6.85	2.5	0.19	0.35	6.36	6.67	2.28	0.22	0.76
87	10708	45°27.4'N	60°47.7'W	137	21/02-0010	SE of Petit de Grat Isle	SSD	Mud.	50	9	26	14	-1.75	1.15	6.32	0.46	0.18	-1.75	0.18	5.42	0.49	0.56

CRUISE - DAWSON - 73-003 - Chedabucto Bay : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	
									Grav	Sand	Silt	Clay						
113	11454	45°21.0' N	60°46.3' W	35	21/02-1240	Carousse Bank		3 attempts. Hard bottom, picked up one small rock.										
114	11455	45°22.6' N	60°46.3' W	134	21/02-1315	NE of Cape Canso	SS	Mud. 2 attempts.	53	28	11	8	-2.16	0.09	4.43	3.45	0.35	2.27
115	11456	45°24.2' N	60°46.2' W	143	21/02-1330	NE of Cape Canso	LOb	Mud.	0.35	21	37	41	7.05	6.70	2.63	2.45	-0.22	2.09
116	11457	45°23.3' N	60°47.0' W	134	21/02-1345	E of George Island	SSD	Mud.	7	19	40	34	6.22	5.71	3.63	2.95	-0.54	3.86
CA 117	11458	45°25.0' N	60°39.2' W	159	21/02-1440	E of Cape Canso	LOb	Mud. Shipborne, FB, 30 exposures.	0	22	37	41	6.95	6.67	2.59	2.45	-0.16	1.74
118	45°23.6' N	60°38.9' W	170	21/02-1530	NE of Carousse Bank	LOb		Mud. Grainsize missing.										
119	45°22.5' N	60°38.9' W	101	21/02-1545	E of Carousse Bank	SISb		Mud & gravel. Till. Grainsize missing.										
120	11459	45°23.0' N	60°36.7' W	97	21/02-1600	E of Carousse Bank	SISb	Good sand (90%) & gravel. Nephelometer. Bottle cast.	48	46	2	4	-0	-1.24	4.14	3.55	0.25	2.54
121	11460	45°24.5' N	60°37.9' W	161	21/02-1704	NE of Carousse Bank	SSD	Mud, sand & rock. Till?	49	21	15	15	-0.67	0.32	5.57	5.25	0.20	1.64
122	11461	45°24.6' N	60°36.7' W	166	21/02-1723	NE of Carousse Bank	SSD	Mud, rock & sand - till.	58	15	12	15	-2.86	-0.16	5.40	4.80	0.35	1.93
123	11462	45°25.4' N	60°36.9' W	165	21/02-1740	NE of Carousse Bank	SSD	Mud, rock & sand - till.	24	24	24.5	27.5	4.38	3.76	4.72	4.65	-0.13	1.69
124	11463	45°23.9' N	60°35.5' W	104	21/02-1801	E of Carousse Bank	SISb	Mud - green.	0	11.7	30	58	8.88	7.70	2.35	1.45	-0.62	3.58
125	11464	45°24.4' N	60°34.2' W	196	21/02-1822	NE of Carousse Bank	SS	Sand, pebbles & clay.	1	14	40	44	7.40	6.82	2.80	2.05	-0.47	3.16
126	11465	45°25.8' N	60°34.3' W	174	21/02-1840	NE of Carousse Bank	LOb	Mud.	0	5	47	48.5	7.88	7.54	2.10	1.65	-0.46	3.47

CRUISE - DAWSON - 73-003 - Chedabucto Bay : CHIEF SCIENTIST - G. Fader : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt		
									Grav	Sand	Silt						Clay	
CA 127	11456	45°32.8' N	60°25.0' W	183	21/02-1857	S of Capelin Cove	Lcb	Mud. Shipborne, no exposures, film problems.	0	6.5	47.5	46	7.68	2.14	1.80	-0.35	2.78	
128	11467	45°25.75' N	60°31.8' W	188	21/02-1924	NE of Carousse Bank	Lcb	Mud. Nephelometer. Bottle cast.	0	5.5	43	51.5	8.17	2.19	1.80	-0.47	3.28	
129	11468	45°24.3' N	60°31.7' W	186	21/02-2029	E of Carousse Bank	SISb	Silty clay.	0	16.5	42.5	41	7.05	2.55	2.30	-0.20	1.95	
130		45°23.3' N	60°32.6' W	117	21/02-2047	E of Carousse Bank	SISb	Hard bottom, no sample.										
131	11469	45°22.5' N	60°31.4' W	119	21/02-2143	E of Carousse Bank	SISb	Till.	24	47	14	15	2.17	4.45	2.65	0.04	2.19	

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Silt	Clay						Well	Med	Ang	Rnd	Sub-Rnd	Ang	
73-9-1	11538	44°57.4' N	56°30.5' W	380	03/04-1730	S edge of Laurentian Channel	EsB	Gravel & muddy sand. 7 pebbles. Organics on frags.	62.3	28.6	3.5	5.6	-2.11	4.47	3.45	0.55	3.21						
73-9-2	11539	44°46.8' N	56°46.8' W	415	03/04-1900	S edge of Laurentian Channel	LC	Silt & clay. 2 attempts.	6.1	43.5	18.4	32.1	4.03	3.71	3.00	-0.30	3.25						
73-9-3	11540	44°49.5' N	56°17.0' W	375	03/04-0208	S edge of Laurentian Channel	SbB	Grey-green mud. Little sand. Some worms. 2 attempts. Jaws open first attempt.	0	51.8	31.9	16.3	3.94	2.31	0.95	0.51	2.99						
73-9-4	11541	45°00.4' N	55°52.5' W	88	04/04-0545	S St. Pierre Bank	S1Sa	Sand. 1 pebble. Good sample.	1.9	55.8			2.53	0.89	0.25	-2.33	32.05						
73-9-5	11542	44°59.1' N	56°14.5' W	290	04/04-0730	S edge of St Pierre Bank	S5a	Silty clay. Good sample.	0	49.4	36.2	14.4	4.02	2.14	0.80	0.66	3.62						
73-9-6	11543	44°58.5' N	56°27.6' W	380	04/04-0820	S Laurentian Chnl	Lb	Silty clay.	0	10.8	46.6	42.6	7.29	2.38	2.00	-0.30	2.47						
73-9-7	11544	44°56.0' N	56°51.9' W	426	04/04-0630	S Laurentian Chnl	EsB	Silt & clay, sand, pebbles and granules. 2 attempts.	6.4	44.2	20.1	29.3	3.95	3.62	3.00	-0.25	2.99						
73-9-8	11545	45°06.4' N	56°53.2' W	430	04/04-1330	S Laurentian Chnl	ESa	Mud. Very little sand (5%).	0	14.5	37.2	48.3	7.85	2.42	2.15	-0.30	2.07						
73-9-9	11546	45°09.7' N	56°29.5' W	380	04/04-1600	S Laurentian Chnl	Lb	100% mud. Olivegrey silt & clay.	0	6.8	47.0	46.1	7.63	2.29	1.80	-0.35	2.67						
73-9-10	11547	45°11.3' N	56°02.8' W	78	04/04-1745	St. Pierre Bank	S1Sa	Silty sand with shells & starfish. Olivegrey, Munsell color 5/4/2. 2 attempts.	4.9	92.9	0.4	1.8	2.51	1.76	0.25	-0.59	14.04						

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surr Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies		
									Grav	Sand	Silt+Clay						Well	Med	Ang	Rnd	Sub-Rnd	Ang			
73-9-18	11553	45°40.2' N	56°45.3' W	300	05/04-0700	W of St. Pierre Bk	SSa	Silty clay. Olivegrey hue, 5/4/2.	0	12.5	49.2	38.3	6.95	6.80	2.35	2.10	-0.19	2.11							
73-9-19		45°50.5' N	56°56.2' W	327	05/04	W of St. Pierre Bk	SS	No sample.																	
73-9-20		45°54.9' N	56°45.2' W	51	05/04	St. Pierre Bank	Slsb	One rock & organic growth. Hard bottom.																	
CA 73-9-21	11626	46°06.2' N	56°56.2' W	55	05/04-1430	St. Pierre Bank	Slsb	50% cobbles & 50% sand and shells. Broken shells & organics on rocks. Snipbome, 8 exposures & 3 used on deck, FB#. 2 attempts.	74.7	21.1	1.7	2.6	-3.46	-2.12	3.15	1.65	0.88	5.97							
73-9-22	11554	46°03.5' N	57°07.3' W	300	05/04-1600	W St. Pierre Bank	Ssb	Olivegrey mud. 5/4/2 (Munsell). 3 attempts.	0	42.4	29.8	27.8	4.62	5.38	2.65	2.65	0.19	1.65							
73-9-23	11555	46°01.6' N	57°14.4' W	391	05/04-1645	Laurentian Channel	Lc	Some mud (silty). Munsell color 5/4/3. 2 attempts.	0	25.7	28.5	45.8	7.26	6.70	2.74	2.70	-0.15	1.53							
73-9-24	11556	46°12.8' N	57°09.4' W	124	05/04-1800	W St. Pierre Bank	SS	Sand w/some mud. Few shells. Munsell 5/4/1.	2	90.8	3.7	3.5	2.20	2.34	1.75	0.50	0.92	11.83							
73-9-25	11557	46°12.9' N	57°09.3' W	109	05/04-1840	W edge of St. Pierre Bank	SS	Mainly sand. Trace of mud. Munsell 5/4/2. 5 pebbles.	10.7	84.8	1.7	2.8	1.65	1.39	2.39	0.60	-0.05	6.84							
73-9-26	11558	46°12.9' N	57°09.3' W	100	05/04-1910	W edge of St. Pierre Bank	SS	Mostly sand, some rocks & small shrimps. Munsell 5/4/1. 3 pebbles.	14.8	83.0	0.6	1.6	1.36	0.92	2.10	0.66	0.00	7.45							

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Sand	Silt+Clay							Well	Mod	Ang	Rnd	Sub-Rnd	Ang	
73-9-27		46°17.2' N	57°04.0' W	50	05/04-1945	NW St. Pierre Bank	SISb	One large rock. 2 attempts. 2nd try: small red rocks. Some shells and starfish.																
73-9-28	11559	46°22.1' N	57°28.5' W	424	05/04	Laurentian Channel	LC	Silty clay.	0.4	5.1	45.2	51.3	8.14	7.52	2.19	1.70	-0.53	4.18						
73-9-29	11560	46°31.8' N	57°20.6' W	73	06/04	NW St. Pierre Bank	SISb	Sand, granules, pebbles & cobbles. Organic growth on upper part of cobbles & pebbles. Red colored rocks. 2 attempts.	87.7	11.8	0.1	0.3	-4.91	-3.85	2.44	1.15	0.92	6.54						
73-9-30	11561	46°31.0' N	57°30.0' W	348	06/04-0120	S of Hermitage Qnl	LC	Olive-grey mud; few white broken shells.	0	7.0	51	42.1	7.28	7.15	2.16	1.85	-0.27	2.49						
73-9-31	11562	46°31.6' N	57°37.7' W	373	06/04	Laurentian Channel	Lb	Mud; few white shells.	0.3	9.2	47.7	42.8	7.48	7.07	2.36	1.90	-0.40	3.14						
73-9-32	11563	46°33.0' N	58°01.8' W	460	06/04-0345	Laurentian Channel	Lc	Some white shells. Silt & clay. 5/4/2 (Munsell).	0.1	4.0	29.9	66	8.98	8.26	1.79	1.00	-1.00	7.74						
73-9-33	11564	46°42.4' N	57°42.8' W	310	06/04	S of Burgeo Bank	SSD	Mostly clay with some pebbles & shells.	16.4	45.9	20.2	17.6	3.04	3.24	4.10	2.25	-0.12	2.46						
73-9-34	11565	46°49.8' N	57°35.7' W	338	06/04	Hermitage Channel	LC	Some granules, mostly mud.	1.6	24.5	30.3	43.6	7.27	6.45	3.14	2.80	-0.35	2.60						
73-9-35	11566	46°52.2' N	57°41.7' W	285	06/04	NW Hermitage Qnl	SSD	Till sample.	47.3	21.1	14.4	17.2	0.17	0.56	5.72	5.65	0.17	1.57						
73-9-36	11567	46°51.9' N	57°56.0' W	351	06/04	S of Burgeo Bank	SSD	One pebble (10 mm), granules, sand & clay.	0.7	59.2	20.3	19.7	3.68	4.69	2.62	1.55	0.37	2.85						
73-9-37	11568	47°52.0' N	58°17.3' W	466	06/04	Laurentian Channel	Lc	Silty clay.	0	2.9	32.4	64.7	8.86	8.22	1.69	1.05	-0.84	6.52						

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Off	Geographic Area	Surf Sed Type	Description	Percentages			Mean $\bar{\phi}$	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies			
									Grav	Sand	Silt + Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang				
75-9-38	11569	47°12.8' N	58°17.8' W	263	06/04-1330	NW of Burgeo Bank	SSD	Granules, sand, silt & clay. SSA color chart 34 - dark yellowish-brown.	17.5	49.6	15.7	17.2	2.39	2.81	4.05	2.25	0.08	2.51								
75-9-39	11570	47°11.8' N	58°24.0' W	164	06/04-1420	NW of Burgeo Bank	SSD	T111. 1 cobble, 10 pebbles, 10% sand, 40% mud. Jaws open 1st attempt. 2 attempts.	47.9	40	5.3	6.8	-0.35	-0.82	4.67	3.90	0.26	2.25								
75-9-40	11571	47°11.5' N	58°46.2' W	417	06/04-1615	Laurentian Channel	LCA	Very soft mud on top, harder as you go down. Silty clay with 2 pebbles. Munsell 5Y4/3.	0	10.6	38.7	50.8	8.08	7.31	2.38	1.95	-0.38	2.44								
75-9-41	11572	47°21.6' N	58°47.0' W	278	06/04-1720	NW of Burgeo Bank	SSD	Mud with pebbles. Munsell 10R5/2. Very dark greyish-brown. Forams & shells.	10.8	61.4	14.3	13.6	3.28	3.40	3.44	0.85	-0.15	3.63	15	70	15	10	10	80	10	ss/meed/ls/gr
75-9-42	11573	47°32.5' N	59°14.6' W	241	06/04-1920	W of Rose Blanche Bank	SISB	Mostly gravel. Glacial strata on large pebbles. Forams & shell fragments.	71.4	21.7	2.9	4.0	-5.22	-2.80	4.15	3.15	0.70	4.01	10	50	40	70	15	15	15	meed/gr/ss/ls
75-9-43	11574	47°33.6' N	59°15.0' W	86	06/04-2020	Off of Port aux Basques	SISB	Sand & gravel. 5 cobbles, 20 pebbles, 100 granules. Forams & shell fragments.	69.5	29.1	0.5	0.8	-5.77	-2.63	3.29	2.95	0.45	3.04	15	60	25	15	75	10	gr schist/meed/vol/ss	
75-9-44		47°32.4' N	59°07.8' W	100	06/04	Off of Port aux Basques	SISB	Gravel. Some sand & shell material. 4 cobbles, 20 pebbles, 20 granules.																		
75-9-45	11575	47°30.6' N	59°07.7' W	190	06/04	S of Port aux Basques	SS	Mostly gravel. 20% sand. 1 cobble, numerous coal frags.	63.3	32.9	1.0	2.8	-2.82	-1.66	3.18	2.30	0.66	4.95	15	65	20	15	75	10	gr/ss/ls/meed	

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Off	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Sand	Silt							Clay	Well	Med	Ang	Rnd	Sub-Rnd		Ang
73-9-46	11576	47°27.2' N	59°07.7' W	303	06/04	S of Port aux Basques	SSD	Mostly sand. Coal frags.	0.5	73.9	15.8	9.8	2.87	3.55	2.33	0.90	0.71	4.64	60	30	10	30	60	10	ss/gr/ls/mud
73-9-47	11577	47°24.5' N	59°00.8' W	365	06/04-2315	S of Port aux Basques	SSD	Mostly md. Forams, agglutinated grains. 2 attempts. Jaws open once.	0.10	22.8	45.9	31.2	5.06	6.05	2.54	2.45	0.05	1.89	15	70	15	15	70	15	ss/gr/ls/mud
73-9-48	11578	47°29.3' N	59°00.8' W	157	07/04-0030	S of Port aux Basques	SS	Sand with silt & 1 cobble. Dirty sand. Shells & forams.	12.5	70.0	7.1	10.4	1.81	2.09	3.41	1.05	0.16	3.06	10	60	30	10	60	30	g schist/ss/mud
73-9-49	11579	47°31.7' N	59°01.1' W	128	07/04-0100	S off Port aux Basques	SISd	Sand granules & pebbles & maybe a little silt & clay. Coal frags? Organics rare.	40.8	55.3	1.40	2.5	-0.27	-0.55	3.12	2.20	0.24	3.92	5	30	65	10	50	40	g/mud
73-9-50		47°32.9' N	59°01.0' W	66	07/04-0130	E of Port aux Basques	SISb	Hard bottom. No sample. 3 attempts.																	
73-9-51		47°33.4' N	58°53.1' W	143	07/04-0200	E of Port aux Basques	SISb	No sample. Jaws closed.																	
73-9-52	11580	47°30.1' N	58°53.0' W	177	07/04-0240	NW of Rose Blanche Bank	SS	Sand. 12 pebbles & possibly silt & clay. Coal frags. Rare forams.	50.8	45.7	1.3	4.2	-1.34	-0.89	3.75	3.20	0.40	3.17	10	60	30	10	60	30	g/mud/ss
73-9-53	11581	47°26.5' N	58°46.4' W	135	07/04-0445	Rose Blanche Bank	SSb	Mostly sand, rest is rock. 2 large rocks & 2 cobbles. Coal frags. Murex 2.5/3/2. Dark greyish brown. Sand grains adhering all over particles. Forams & shells. 2 attempts.	65.1	24.6	5.0	7.3	-2.51	-0.75	4.26	3.00	0.48	3.00	20	60	20	10	80	10	ss/mud/gr/ls

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Off	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Silt	Clay							Well	Mod	Ang	Rnd	Sub-Rnd	Ang		
73-94	11582	47°29.8' N	58°46.7' W	164	07/04-0530	N of Rose Blanche Bank	Ssb	15 pebbles, mixed in w/silt, not separate layers. Very dark grey/ish-brown. Murell color 2.5/3/2. Worms. 2 attempts. Forams & shells.	41.0	55.9	1.8	3.3	0.5	-0.62	3.75	3.30	0.16	2.65	20	70	10	15	75	10	gr/ss/meed/vol
73-95		47°34.0' N	58°36.5' W	77	07/04-0615	N of Rose Blanche Bank	Slsb	Red colored rock. 3 cobbles. Gravel. Organics on upper part of rocks. 3 attempts.																	
73-96	11585	47°35.0' N	58°36.6' W	120	07/04-0710	N of Rose Blanche Bank	Slsa	Poor sample. 3 attempts. 1st: all sand, not enough for a bag; 2nd: 10 rocks; 3rd: sand with rocks - 1 bag. Forams & shells.	26.8	69.9	0.70	2.70	0.85	0.32	2.65	1.65	0.12	3.90	10	30	60	10	60	30	gr/meed
73-97	11594	47°32.5' N	58°36.5' W	183	07/04-0752	N of Rose Blanche Bank	SSD	1 cobble, 20 pebbles, some small amount of mud. Sand grains adhering to rocks. Coal fragments. Forams & shells.	22.0	64.3	7.30	6.4	0.93	1.12	3.28	1.50	0.34	3.72	10	60	30	15	60	25	gr/ss/meed
73-98	11586	47°27.9' N	58°36.5' W	183	07/04	NE of Rose Blanche Bank	SSD	Mostly good sand. 1 pebble, some granules, a little silt. Forams & shells.	9.5	79.7	5.6	5.2	2.08	1.79	3.05	0.90	-0.18	5.11	10	70	20	10	70	20	vol/red ss/gr/meed
73-99	11586	47°21.8' N	58°39.0' W	166	07/04-0930	S of Rose Blanche Bank	SSD	Sand & gravel. 2 cobbles, 10 pebbles. Broken organics; rare. 2 attempts.	46.6	45.1	3.70	4.7	-0.48	-0.55	3.92	3.05	0.25	2.90	10	70	20	20	70	10	ss/meed/gr/vol

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-Size Sample #	Latitude	Longitude	Water Depth (m)	Date/Off	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Sand	Silt							Clay	Well	Mod	Ang	Rnd	Sub-Rnd		Ang
73-9-60	11587	47°13.4' N	58°31.6' W	321	07/04	SE of Rose Blanche Bank	SS	Sand & gravel. Coal frags. 2 pebbles. Organics on upper part of rocks; rare.	26.1	58.0	7.0	8.9	1.50	1.32	4.05	2.20	0.45	2.79	15	70	15	30	60	10	schist/vol/red ss/l/s
73-9-61	11588	47°21.7' N	58°32.1' W	197	07/04-120	SE of Rose Blanche Bank		1 cobble, 20 pebbles. Organics on upper part. Some mud. Maybe till. Coal frags. Organics rare. 3 attempts.	51.2	42.6	1.9	4.3	-1.68	-1.37	4.33	3.60	0.29	2.42	20	50	30	40	50	10	massive qtz/80% red ss/mud
73-9-62	11589	47°23.6' N	58°32.0' W	182	07/04-1215	E of Rose Blanche Bank		Muddy sand. Coal frags. Organics rare. 2 attempts.	0.9	80.5	7.9	10.6	2.48	3.12	2.49	0.68	4.36	30	60	10	30	60	10	gr/ss/mud	
73-9-63	11590	47°28.8' N	58°31.1' W	229	07/04-1300	NE of Rose Blanche Bank	Es	Till. 4 cobbles, 3 pebbles. 60% sand. 2 attempts. Jaws open 1st time. Organics rare.	67.5	18.5	6.2	7.8	-4.01	-1.80	4.64	3.00	0.62	3.37	20	50	30	40	40	20	mud/gr/ss
73-9-64	11591	47°31.7' N	58°29.3' W	241	07/04-1345	NE of Rose Blanche Bank	Es	Mud. Many forams.	0	45	44.6	12.4	4.19	4.81	1.94	0.70	0.75	4.07				10	80	10	qtz sand
73-9-65	11592	47°34.7' N	58°31.6' W	154	07/04-1425	N of Rose Blanche Bank	SS	3 attempts. Rock in jaws on 2 attempts. 3rd attempt: 4 cobbles, pebbles & sand & mud. Till. Few organics.	60.8	29.9	4.5	4.9	-2.41	-0.90	3.87	3.20	0.51	3.26	20	20	60	30	50	20	60% cgl/gr/mud
73-9-66		47°36.3' N	58°31.2' W	88	07/04-1505	SW of LaFolle Bay		No sample. Hard bottom. 2 attempts.																	
73-9-67	11593	47°37.8' N	58°24.0' W	278	07/04-1545	Mouth of LaFolle Bay		Black mud. Murex 11062/1. Forams. 2 attempts.	0.1	53.3	27.5	19.1	3.11	4.58	2.79	2.25	0.32	2.00				10	80	10	qtz sand

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Sand	Silt						Clay	Well	Mod	Ang	Rnd	Sub-Rnd		Ang
73-9-68	11594	47°35.5' N	58°24.7' W	187	07/04-1630	S of LaPolle Bay	SS	1 cobble, 7 pebbles, silt & clay. Very dark grayish-brown. Munsell 10R5/2. Coal frags. Forams & shells.	37.4	54	5.8	2.8	2.19	-0.05	4.27	4.00	-0.07	1.80	10	10	80	10	schist/mud	
73-9-69	11595	47°34.0' N	58°25.4' W	218	07/04-1700	S of LaPolle Bay	ES	Rocks mixed in with silt, some mud. Till. 1 cobble, 7 pebbles. Munsell 5Y4/3, olive. Forams & shells.	40.0	39.9	11.8	9.2	1.70	0.51	4.87	4.35	0.08	1.87	30	60	10	15	70	15 mud/gr/ss
73-9-70	11596	47°31.9' N	58°24.8' W	214	07/04-1730	S of LaPolle Bay	SD	Rocks mixed with sand, some mud. Till. Coal frags. Munsell 10R5/2, very dark grayish-brown. Rare forams.	30.4	47.1	13.9	8.6	1.97	1.45	4.08	3.30	0.07	2.34	5	75	20	5	70	25 mud/gr/ss/l/s
73-9-71	11597	47°29.4' N	58°24.7' W	187	07/04-1800	S of LaPolle Bay	SD	1 cobble, 5 pebbles, some mud - light brown streaks sample. Munsell 10R5/3, dark brown. Till. Coal fragments. Forams & shells.	40.2	44.6	7.6	7.6	1.08	0.35	4.34	3.25	0.16	2.34	5	60	35	10	80	10 mud/ss/gr/l/s
73-9-72	11598	47°24.8' N	58°24.5' W	176	07/04-1850	S of LaPolle Bay	SD	98% sand. Munsell 10R5/2, very dark grey-brown. Coal fragments.	1.7	81.2	8.5	8.6	2.85	3.34	2.29	0.65	0.48	6.76	10	80	10	5	80	15 gr/mud/ss
73-9-73	11599	47°27.8' N	58°07.4' W	245	07/04-2140	N of Burgo Bank	LoB	Very fine soft clayey material. Organic hash.	0.1	8.0	50.2	41.7	6.89	6.97	2.29	2.05	-0.19	2.22						

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies						
									Grav	Sand	Silt						Clay	Well	Mbd	Avg	Rnd	Sub-Rnd		Ang					
75-9-74	11600	47°51.5' N	58°03.3' W	75	07/04-2311	N of Burgeo Bank	Sls	1 cobble, 10 pebbles. Organics & sand adhering to rock particles - clean sand & gravel. Forams, more than 50% shells.	65.7	31.9	1.2	1.2	-3.90	-2.26	3.44	3.20	0.45	2.94	5	70	25				50% gr/med				
75-9-75	11601	47°54.3' N	58°03.2' W	182	07/04	N of Burgeo Bank	SSD	1 pebble, sand & mud.	17.5	49.9	24.9	7.6	3.44	2.57	3.89	1.00	-0.40	3.30	10	70	20	10	80	10	80	10	gr/med		
75-9-76	11602	47°29.6' N	58°00.1' W	183	07/04	N of Burgeo Bank	SSD	Coarse muddy sand with 10 pebbles. Forams & shells.	54.1	33.8	4.4	7.8	-1.17	-0.61	3.97	2.15	0.56	3.95	30	60	10	30	60	10	30	60	10	gr/med/ss	
75-9-77	11603	47°25.0' N	58°03.5' W	220	07/04-0120	N of Burgeo Bank	ESb	1 cobble, 4 pebbles in mud. Coal frags. Forams & shells.	10.8	31.6	37.4	20.1	4.29	4.31	3.84	1.65	-0.39	3.59	60	30	10	10	80	10	80	10	80	10	quartzite
75-9-78	11604	47°19.4' N	58°02.5' W	227	07/04-0210	N of Burgeo Bank	ESb	Coal frags. Forams & shells.	5.5	38.9	42.8	12.8	4.18	4.28	2.76	0.85	-0.15	4.35	60	30	10	10	80	10	80	10	ss/med/gr/lis		
75-9-79	11605	47°08.5' N	58°03.2' W	205	07/04-0340	N edge of Burgeo Bk	SSb	Sandy & muddy with pebbles. Coal frags. Forams & shells.	39.4	55.0	2.2	3.4	1.81	0.57	3.13	2.40	0.18	3.24	10	60	30	20	70	10	70	10	red ss/gr/med		
75-9-80	11606	47°04.2' N	58°05.2' W	157	08/04-0440	W Burgeo Bank	SSb	Sand with 6 granules & one pebble. Coal frags? Forams & shells.	33.6	61.6	1.1	3.6	1.27	-0.01	3.68	3.00	-0.01	2.80	10	60	30	30	60	10	60	10	red ss/gr/med		
75-9-81		46°55.2' N	57°48.5' W	146	08/04-0615	S Burgeo Bank	SSb	3 cobbles, 7 pebbles & sand. Organics & sand grains adhering to top of rocks. 2 attempts.																					
75-9-82	11607	46°59.4' N	57°51.8' W	106	08/04-0710	Burgeo Bank	SLSa	Sand with one cobble, 2 pebbles & 4 granules. Forams, many shells.	38.8	59.7	0.6	0.9	0.75	-0.42	3.19	2.90	-0.11	2.41	20	60	20	30	60	10	60	10	gr/ss/med		

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. Maclean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/DMT	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Sand	Silt						Clay	Well	Mod	Ang	Rnd	Sub-Rnd	

75-9-83 11608 47°06.6' N 57°49.0' W 80 08/04-0805 Burgeo Bank Sls Coarse sand & gravel with broken whole shell. Material 50%. Lithothamnia all around. Forams & shells.

75-9-84 11609 47°09.5' N 57°42.2' W 80 08/04-0808 Burgeo Bank Sls Coarse sand & gravel with shell material & sand dollars. Lithothamnia on one side. Forams & shells.

75-9-85 11610 47°10.6' N 57°41.4' W 100 08/04 Burgeo Bank Sls Small sample of sand & gravel. Pebbles & broken shell material. 60% Forams & shells. 2 attempts.

75-9-86 47°11.2' N 57°40.8' W 109 08/04 Burgeo Bank Sls 3 attempts. Jaws open on 2 tries. Mostly coarse gravel (2 cobbles & 40 pebbles). Some good sand. No sediment analysis.

75-9-87 11611 47°11.9' N 57°41.0' W 124 08/04 Burgeo Bank Sls 3 cobbles & 20 pebbles. Granules & some sand. Forams & shells.

75-9-88 11612 47°12.8' N 57°40.2' W 135 08/04-1210 NE edge of Burgeo Bank SSB 8 pebbles, 80% sand, 5% mud. Forams & shells. 2 attempts.

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies		
									Grav	Sand	Silt/Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang			
73-98	11613	47°16.9' N	57°42.0' W	181	08/04-1300	N of Burgeo Bank	SSb	Sand & some gravel, very little mud. Rare coal frags. 85% sand.	46.2	50.0	2.4	1.4	.83	-0.72	3.98	3.65	0.04	1.88	20	60	20	60	20	20	red ss/ls/gr/ mud
73-99	11614	47°33.0' N	59°23.2' W	342	09/04-1500	SW of Port aux Basques	SSa	Mud & very fine sand. Coal frags. Forams.	0.1	69.5	19.8	10.5	3.39	4.05	2.10	0.75	0.80	4.74				10	80	10	qtz sand
73-99	11615	47°41.5' N	59°29.5' W	307	09/04-0530	NW of Port aux Basques	SSa	Sand & silt. Coal frags. Forams.	0.2	77.0	15.11	7.7	3.52	3.91	1.75	0.40	1.11	8.19				10	70	10	fine qtz sand
73-99	11616	47°41.5' N	59°21.7' W	70	09/04-1910	NW of Port aux Basques	SISa	95% sand. Pebbles. Hard sand - compacted? 1 cobble, 8 pebbles. Forams. 2 attempts. Jaws open once.	5.4	94.0	0.2	0.4	2.47	2.19	1.47	0.30	-1.35	15.14	40	55	5	20	70	10	gr/mud
73-99	11616	47°34.9' N	58°17.9' W	155	09/04-0210	S of LaFolle Bay	SS	Till. Scunder out. 1 cobble, 10 pebbles. 20% granules, sand & mud. Sponge opicules.	31.2	34.5	24.4	9.8	1.98	1.55	4.38	3.20	0.01	2.12	10	95	35	10	70	20	gr/mud/ss
73-99	11617	47°35.3' N	58°17.5' W	100?	09/04-0245	S of LaFolle Bay	SISa	Sand & gravel. 80% sand. 5 pebbles. Forams & shell frags.	22.8	66.9	7.3	4.0	1.54	1.13	3.19	1.60	0.05	3.38	20	60	20	10	70	20	gr/mud
73-99	11618	47°35.4' N	58°10.8' W	216	09/04-0345	SE of LaFolle Bay	SSD	3 pebbles. 80% sand & mud. Dirty sand. Forams & shell frags.	5.5	66.9	22.3	6.4	3.03	3.18	2.55	1.00	-0.05	5.43	10	60	30	15	70	15	mud/gr/ss
73-99	11619	47°31.9' N	58°10.2' W	225	10/04-0430	SE of LaFolle Bay	ESa	Mud, black streaks through sample. Some agglutinated grains. Forams & shell frags.	1.8	31.8	45.1	21.4	4.78	5.16	2.82	1.95	-0.07	2.82	10	60	30	10	70	20	mud/gr

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies					
									Grav	Sand	Silt/Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang						
75-9-97	11620	47°26.5' N	58°10.5' W	226	10/04-0530	S of LaFolle Bay	LoB	Mud, small broken shells, worms. Organic hash - dark black streaks through it. 10% forams.	0.05	7.45	64.7	27.8	5.84	6.32	2.13	1.85	0.08	2.19										
75-9-98	11621	47°21.2' N	58°10.5' W	212	10/04-1615	N of Burgeo Bank	SSD	T111. Light streaks through sample. Some mud & worms. Rare forams.	36.9	33.7	13.9	15.6	1.66	1.32	5.05	4.20	0.09	1.83	10	20	10	70	20					meed/gr/ss
75-9-99	11622	47°17.8' N	58°26.3' W	194	10/04-1630	NW of Burgeo Bank	SSD	Sand & gravel. Some mud. Well rounded ss. 2 cobbles. Rare forams.	40.5	45.3	4.9	9.3	0.76	-0.07	4.71	3.90	0.21	2.32	10	80	10	20	70	10				gr/meed/ss
75-9-100	11623	47°01.7' N	58°24.2' W	454	10/04-1800	Laurentian Channel	Loa	Some mud (90% clay). Mussels 5/4/4 - olive. Organic hash.	0.4	6.4	44.3	48.8	7.95	7.48	2.19	1.50	-0.65	4.69										
75-9-101	11624	46°59.7' N	58°10.3' W	450	10/04-1800	W of Burgeo Bank	LoB	Mud (90% clay). Agglutinated grains. Organic hash.	0	7.9	49	43.2	7.49	7.21	2.21	2.05	-0.24	2.11										
75-9-102	11628	47°02.7' N	58°11.3' W	351	10/04-1945	W of Burgeo Bank	SSD	Silty clay. One shell. 30% forams. 10% shells.	2.3	35	41.1	23.7	4.59	5.26	2.84	2.15	-0.05	2.76	10	60	30	10	70	20			ss/gr/meed	
75-9-103	11629	47°06.4' N	58°10.0' W	237	10/04-2050	W of Burgeo Bank	SSD	Sand & gravel. One non-electric eel. ss is well rounded. 2 attempts.	27.7	62.2	4.5	5.5	1.24	0.50	3.80	2.25	0.07	2.94	10	60	30	30	50	20			gr/ss/meed	
75-9-104	11630	47°11.8' N	58°10.5' W	228	10/04	W of Burgeo Bank	SSD	2 pebbles, granules in silt and sand. ss is well rounded. Forams & shells.	5.1	70.4	15.1	9.4	2.48	2.98	2.70	0.75	0.41	4.34	10	60	30	10	70	20			gr/ss/meed	

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Gif	Geographic Area	Surf Sed Type	Description	Percentages			Median g	Mean g	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Sand	Silt							Clay	Well	Mod	Ang	Rnd	Sub-Rnd		Ang
73-9-105	11631	47°16.2' N	58°10.4' W	232	10/04	W of Burgeo Bank	SSD	Pebbles, granules, sand & mostly silt. May be fill.	18.6	50.5	21.8	9.12	3.13	2.60	3.71	1.40	-0.18	2.90	15	70	10	70	20	1s/ss/mud/gr	
73-9-106	11632	47°22.8' N	58°18.2' W	199	10/04-2355	S of LaPolle Bay	SSD	Muddy sand. 2 attempts. Jaws open on one attempt. Forams & shells.	1.4	74.5	16.5	7.6	2.79	3.19	2.30	1.05	0.60	4.72	20	60	10	60	30	ss/s/mud/gr	
73-9-107	11633	47°29.7' N	58°19.1' W	194	10/04-0110	S of LaPolle Bay	SSD	4 cobbles, 10 pebbles. Little sand & mud. Abundant forams.	27.2	30.3	29.9	12.6	3.60	?	4.82	3.50	-0.20	2.07	10	60	30	10	60	30	gr/mud/ss
73-9-108	11634	47°36.6' N	57°55.8' W	88	10/04-0330	S of Connoire Bay	S/SSa	Mostly sand with granules and pebbles. Poorly sorted. Broken organics. Very angular gravel. Shell frags. 20%	40.9	55.9	1.7	1.6	0.69	-0.20	2.81	2.25	0.20	3.50	5	60	35	30	60	10	gr/mud
73-9-109	11635	47°35.8' N	57°55.8' W	128	10/04	S of Connoire Bay	S/SSa	Muddy sand. Forams.	0.6	79.8	13.4	6.2	2.59	3.03	2.07	0.90	0.81	6.18	60	40	20	70	10	gr/mud	
73-9-110		47°33.1' N	57°55.8' W	150	11/04-0410	S of Connoire Bay	SSD	No sample.																	
73-9-111	11636	47°28.8' N	57°55.8' W	237	11/04-0500	S of Connoire Bay	LoS	Silty clay. Organic hes. Agglutinated grains.	0.1	13	58.8	28.1	5.34	6.11	2.32	2.15	0.11	2.03							
73-9-112	11637	47°23.9' N	57°56.3' W	197	11/04-0535	N of Burgeo Bank	SSD	Sand & gravel & mud. Some forams.	41.6	32.9	18.0	7.4	0.87	0.68	4.42	3.65	0.11	2.09	5	60	35	10	60	30	80% red ss/mud/gr
73-9-113	11638	47°15.2' N	57°55.7' W	215	11/04-0645	N of Burgeo Bank	SSD	Sand & granules. Looks like fill on sander. Shells.	18.8	69.2	7.9	4.1	2.47	1.87	2.66	1.60	0.05	3.60	10	70	20	10	80	10	80% red ss/gr/mud

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Dir	Geographic Area	Surr Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Sand	Silt							Clay	Well	Mod	Ang	Rnd	Sub-Rnd		Ang
73-9-114	11659	47°10.7' N	57°56.0' W	177	11/04-0720	N Burgeo Bank	Ssa	Sand & gravel. Some shells. Coal frags. One large rock. Organics on upper part of rocks. Forams.	19.2	58.7	14.2	7.8	2.56	2.24	3.55	0.85	-0.09	3.12	10	60	30	15	70	15	50% ss/10% gr 40% mud
73-9-115	11640	47°06.7' N	57°56.0' W	88	11/04-0810	Burgo Bank	Sls	Mostly coarse gravel with some sand & coal frags. Lithothamnium - 1/2 side. Many forams & shells.	90.5	9.3	0.1	0.2	-4.99	-4.30	2.19	0.60	1.27	9.25	10	60	30	15	70	15	mud/ss/gr
73-9-116	11641	47°14.1' N	57°49.2' W	175	11/04	N of Burgeo Bank	Ssa	Mostly sand. One cobble - may be ice rafted. Many forams & shells.	10.4	83.3	4.4	2.0	2.53	1.87	2.09	0.60	-0.07	6.35	10	70	20	30	60	10	80% ss/mud
73-9-117	11642	47°18.4' N	57°49.2' W	215	11/04	N of Burgeo Bank	Esa	Silty sand. Many forams, sand.	0	53	40.5	6.5	3.93	4.28	1.59	0.55	1.03	7.73	15	70	15	70	15	fine qtz sand	
73-9-118	11643	47°20.8' N	57°49.1' W	208	11/04-0950	N of Burgeo Bank	ES	Clay. Many forams & shells.	0.2	36.4	53.1	10.3	4.31	4.62	1.86	0.60	0.68	5.07	15	70	15	70	15	fine qtz sand	
73-9-119	11644	47°22.2' N	57°49.3' W	201	11/04-1030	N of Burgeo Bank	SSD	Graded from very fine at top to coarse at bottom. Pebbles to clay. Some forams.	16.6	47.2	28.8	7.4	2.76	2.51	3.21	2.25	0.11	2.68	10	60	30	20	60	20	mud/gr/ss
73-9-120	11645	47°26.5' N	57°50.2' W	228	11/04	N of Burgeo Bank	ES	Mud. Rough seas. Some forams. 4 attempts.	0.7	25.9	46.8	26.6	5.28	5.68	2.74	2.20	-0.05	2.19	10	60	30	15	70	15	mud/gr/ss
73-9-121	11646	47°29.2' N	57°48.5' W	238	11/04	SE of Connoire Bay	SSD	Till. Cobbles to clay. Rare forams, few worm tubes.	28.5	52.1	8.1	11.3	0.84	0.95	4.26	2.00	0.22	2.65	10	70	20	20	70	10	gr/mud/ss
73-9-122	11647	47°32.2' N	57°48.3' W	124	11/04	SE of Connoire Bay	Ssa	Sand. Few forams.	2.2	83.8	10.4	3.7	2.42	2.55	2.01	1.05	0.54	6.44	30	50	20	30	20	gr/mud	

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies		
									Grav	Sand	Silt						Clay	Well	Med	Ang	Rnd	Sub-Rnd		Ang	
75-9-132	11655	47°32.7' N	57°07.3' W	146	11/04	N of Grey River Bk	SS	Fine sand. Rare forams.	0	94.5	2.3	3.2	2.35	2.50	1.53	0.50	1.47	14.05			30	60	10	qtz sand	
75-9-133	11656	47°30.0' N	57°04.5' W	226	11/04-2214	N of Grey River Bk	SSD	3 cobbles, 40 pebbles & granules & clay. Good glacial till. Many forams.	45	29.1	14.1	11.8	0.32	0.35	5.13	4.45	0.18	1.79	20	65	15	15	70	15	gr/meed
75-9-134	11657	47°24.0' N	57°00.0' W	173	11/04-2010	Penquin Islands	SISb	2 attempts. 1st try: large boulder, sand grains adhering all over rock frags; 2nd: coarse sand. Rare forams.	6.3	82.8	5.9	5.1	1.07	1.56	2.44	1.10	0.86	6.20	15	70	15	20	70	10	gr/meed/ss
75-9-135	11658	47°31.3' N	56°55.7' W	143	11/04-0040	N of Hermitage Cnl	SSb	Jaws open (pebble in jaw). Small sample. 2 cobbles, 8 pebbles. Granules to silt. Rare forams.	82.2	15.3	1.5	1.0	-5.36	3.26	0.95	0.91	5.42	5	45	50	15	70	15	gr/meed/ss	
75-9-136	11659	47°27.6' N	56°55.5' W	220	11/04-0111	N of Hermitage Cnl	SSD	4 cobbles, 10 pebbles, 5% sand. Rest is mud. Many rare forams & shells.	23	35.3	23.4	18.3	3.39	2.60	4.89	2.95	-0.18	2.15	10	30	60	10	70	20	meed/gr/ss
75-9-137	11660	47°24.5' N	56°51.5' W	207	11/04-0200	N of Hermitage Cnl	SSD	2 pebbles, 90% clay. Granules & sand. Rare forams.	10.8	45.2	28.7	17.3	3.52	3.72	3.67	2.40	-0.06	2.41	20	60	20	10	70	20	meed/gr
75-9-138	11661	47°32.1' N	56°46.0' W	183	11/04-0320	N of Hermitage Cnl	SSa	3 cobbles, 5 pebbles, sand. Mostly mud. Rare forams.	2.0	70	20.0	8.0	3.09	3.48	2.28	0.95	0.51	4.65	20	70	10	10	60	30	gr/meed
75-9-139	11662	47°29.4' N	56°42.6' W	187	12/04-0400	N of Hermitage Cnl	SSD	Sand & gravel. Pebbles & sand with granules & silt. Rare forams.	27.4	44.1	21.3	7.2	2.44	1.77	3.79	2.80	0.05	2.38	20	60	20	20	60	20	meed/gr/ss

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies			
									Grav	Sand	Silt						Clay	Well	Mod	Ang	Rnd	Sub-Rnd		Ang		
73-9-140	11665	47°24.1' N	56°45.8' W	248	12/04-0500	Hermitage Channel	LCc	Mud (mainly clay). Organic hash & 10% forams.	0	20.8	48.2	30.9	5.85	6.15	2.48	2.20	-0.03	1.90								
73-9-141	11664	47°18.7' N	56°44.4' W	333	12/04-0600	Hermitage Channel	LCb	Silty clay. Organic hash & many forams. Agglutinated grains (fecal pellets?).	0	6.4	51.4	42.1	7.49	7.23	2.11	1.70	-0.34	2.85								
73-9-142	11666	47°23.7' N	56°29.6' W	375	12/04-0715	Hermitage Channel	LCc	Mud & shells. Dark & light stripes through samples. Organic hash. Many forams. Agglutinated grains.	0	32.9	43.4	23.7	4.67	5.54	2.45	2.05	.22	1.95								
73-9-143	11666	47°30.2' N	56°22.9' W	356	12/04-0815	Hermitage Bay	LC	Mainly very fine black clay. 3 pebbles, sand & silt. Sandstone. Worm tube frags. Numerous forams.	22.3	11.9	26.6	39.1	6.70	4.47	5.44	4.75	-0.38	2.09	20	10	50	40	10	80% ss/mud/ gr/		
73-9-144	11667	47°31.9' N	56°28.7' W	256	12/04-1100	Hermitage Bay	LCc	Very fine clay. Agglutinated grains. Organic hash. Many forams.	0	9.7	58.6	31.7	6.44	6.64	2.17	2.10	-0.04	2.05								
73-9-145	11668	47°34.4' N	56°21.8' W	193	12/04	Hermitage Bay	SSD	Sand & gravel. 3 cobbles. 20 pebbles. Till? Many forams.	44.4	43.1	8.0	4.5	0.53	-0.25	4.29	3.85	0.14	2.11	20	60	20	20	20	20	gr/mud/ss	
73-9-146	11669	47°35.4' N	56°29.9' W	193	12/04-1030	Hermitage Bay	SS	Mushy sand. Some silt. Few forams.	0.6	67.9	21.5	10.0	2.96	3.86	2.33	1.10	0.60	3.92	20	70	10	20	60	20	gr/mud/ss	
73-9-147	11670	47°35.7' N	56°31.0' W	219	12/04-1130	Hermitage Bay	LC	Very fine mud. Many forams, shells - 20%.	1.2	10.4	57.6	30.8	6.17	6.40	2.38	2.05	-0.22	3.40	10	60	30	60	10	ss/gr/mud/ qtz		

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/TIME	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies			
									Grav	Silt	Clay					Well	Med	Ang	Rnd	Sub-rnd	Ang				
75-9-148	11671	47°34.5' N	56°37.0' W	204	12/04	Hermitage Channel	LOb	Mud. Organic hash. Many forams. Agglutinated grains.	0	8.7	58.8	32.4	6.45	2.16	1.95	-0.07	2.13								
75-9-149	11672	47°30.3' N	56°37.9' W	207	12/04-12/04	Hermitage Channel	ES	Mud. 10 pebbles. 5% sand. Many forams.	5.3	40.2	41.1	13.4	4.16	4.40	2.69	0.95	-0.04	3.80	10	80	10	20	70	10	meed/gr/ss
75-9-150	11673	47°25.2' N	56°37.6' W	285	12/04	Hermitage Channel	LOb	Mud. Agglutinated grains. Organic hash. Many arrow head forams.	0	8.2	54.1	37.7	7.08	6.95	2.10	1.95	-0.14	2.02							
CA 75-9-151	11674	47°15.3' N	56°44.5' W	360	12/04	Hermitage Channel	LC	Mud. Organic hash. 30% forams. Shipborne camera setting FB-5.	0.6	5.3	49	45.1	7.64	7.24	2.21	1.80	-0.48	4.09	20	60	20				gr/meed/ss
75-9-152	11675	47°05.3' N	56°44.0' W	212	12/04-17/15	Hermitage Channel	LC	Muddy & sandy. Many forams.	0	72.8	21.1	6.1	3.44	3.81	1.69	0.60	1.14	8.19	10	80	10	80	10	qtz sand	
75-9-153	11676	47°00.3' N	56°44.0' W	128	12/04-18/10	W of Hermitage Chnl	SSb	Sand & gravel. 3 cobbles. Some forams.	48.9	49.1	1.1	0.9	-0.98	-0.95	3.30	3.00	0.04	2.15	25	60	15	25	60	15	meed/gr/ss/lis
75-9-154		46°56.9' N	56°44.4' W	110	12/04-07/10	St. Pierre Bank	SISb	Just rocks (5 cobbles, 3 pebbles). Very little sand, a few shells. 2 attempts.																	80% meed/ss/ g/lis
75-9-155	11677	46°48.0' N	56°43.5' W	113	12/04-08/30	St. Pierre Bank	SISb	70% pebbles. One cobble. Granules & sand. 10% forams, shells. 2 attempts.	91.8	7.8	0.1	0.3	-4.13	-3.83	2.11	0.95	1.20	10.54	50	45	5	40	50	10	meed/ss/gr/lis
75-9-156	11678	46°53.5' N	56°51.6' W	96	12/04-09/40	St. Pierre Bank	SISa	Coarse sand & gravel. Mostly sand. Some forams.	24.4	74.3	0.70	0.6	0.01	1.57	0.85	0.79	10.25	50	40	10	30	50	20	ss/meed/gr	

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean g	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies		
									Grav	Sand	Silt						Clay	Well	Med	Ang	Rnd	Sub-Rnd		Ang	
75-9-157	11679	46°55.9' N	56°52.0' W	109	12/04-1010	St. Pierre Bank	SISb	Sand & gravel. 3 cobbles & 10 pebbles. Some forams. 3 attempts.	72.9	26.6	0.2	0.3	-5.14	3.09	2.75	0.51	2.77	30	60	10	30	50	20	ss/meed/gr	
75-9-158	11680	46°58.0' N	56°50.2' W	128	12/04-1100	E edge of Hermitage Channel	SSb	Fine sand & gravel. 5 cobbles & 10 pebbles. Lithothamnia on one side. 1% shells, no forams.	51.7	47.8	0.2	0.3	-2.15	3.58	3.55	0.04	1.34	20	70	10	20	70	10	meed/ss/gr	
75-9-159	11681	46°59.1' N	56°50.5' W	146	12/04-1915	E edge of Hermitage Channel	SSb	Sand & gravel. 10 cobbles & 30 pebbles. Lithothamnia on one side. Some forams. 2 attempts.	65.1	14.7			-5.35	2.62	0.35	0.95	4.85	30	60	10	20	70	10	gr/meed/ss	
75-9-160	11682	47°06.2' N	56°50.9' W	289	13/04-0010	Hermitage Channel	LOB	Mud. Organic hash. Aggluti-nated grains (fecal pellets?). 50% organics.	0	11.4	64.5	24.1	4.82	5.89	2.19	1.75	0.30	2.05							
75-9-161	11683	47°20.8' N	56°51.5' W	146	13/04	N edge of Hermitage Channel	SS	Coarse sand & gravel. 20 cobbles & 50 pebbles. A little silt & organics, whole & on fragments. Some forams.	48.4	45.4	3.6	4.7	-0.84	3.75	2.65	0.46	3.72	10	10	80	10	10	80	meed/ss/gr	
75-9-162	11684	47°20.4' N	56°58.8' W	146	13/04-0230	N of Hermitage Chnl		Sand & gravel. 2% shells. Some forams & hash.	29.6	98.8	5.3	6.3	-0.04	3.60	1.65	0.34	3.75	10	40	50	10	40	50	meed/gr/ss	
75-9-163	11685	47°18.5' N	56°59.4' W	238	13/04-0300	N of Hermitage Chnl	SSD	Till? High % of mud. 12 cobbles. Many forams & hash.	23.2	44.9	18	13.8	2.84	4.25	2.45	-0.09	2.25	40	30	30	40	40	20	ss/meed/gr	

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Off	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Silt	Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang		
75-9-172	11693	47°17.9' N	57°07.0' W	201	13/04-1420	N of Hermitage Chnl	SSD	90% gravel. One cobble. Tilt? 2% mud. Rare forams.	87.7	6.3	3.3	2.7	-3.95	3.00	0.55	1.38	10.13	10	70	20	10	80	10	ss/mud/gr
75-9-173	11694	47°22.1' N	57°05.8' W	142	13/04-1500	N of Hermitage Chnl	SSD	2 attempts. 1st: jaws open. 2nd: granules to clay. Tilt? Rare forams, 5% shells.	15.2	55.9	10.9	18.0	1.87	3.92	2.20	0.21	2.35	10	60	30	10	60	30	mud/gr/ss
75-9-174	11695	47°25.8' N	57°05.9' W	183	13/04-1535	Grey River Bank	SSD	Tilt. 5 pebbles. 20% granules. 30% sand & mud. Rare forams.	26.1	51	14.4	8.5	2.00	3.85	2.45	0.07	2.57	10	70	20	10	70	20	mud/gr/ss
75-9-175	11696	47°25.5' N	57°12.8' W	120	13/04-1640	Grey River Bank	SLSs	3 attempts. 1st: jaws open. One boulder, 98% sand. Kelp, few shells, worms & sand dollars. 15% shells, many forams.	6.7	88.2	2.9	2.2	0.92	1.91	0.80	0.87	9.56	10	70	20	10	80	10	mud/gr/ss
75-9-176	11697	47°19.8' N	57°12.5' W	230	13/04-1745	N of Hermitage Chnl	Lo	Mud. Lots of worms. Agglutinated grains. Organic hash, many forams.	0	5.7	63.3	31.0	6.36	2.05	1.80	-0.04	2.16							
75-9-177	75-915	47°04.8' N	57°12.7' W	330	13/04-1915	Hermitage Channel	Lo	Silty clay.	0	3.1	55	41.9	7.52	7.30	1.94	1.70	-0.23	2.29						
75-9-178	75-916	46°54.8' N	57°12.5' W	256	13/04-2030	NE edge of St. Pierre Bank	ES	One pebble. 5% granules. Mostly clay.	2.2	29.8	43.9	24.1	4.81	5.46	2.80	2.10	-0.10	3.06						
75-9-179	75-917	46°49.2' N	57°12.9' W	164	13/04-2130	NE edge of St. Pierre Bank		3 attempts. 1st: jaws open. Mostly sand (6 pebbles).	22.1	74.1	2.2	1.5	2.58	1.19	3.54	0.55	-0.51	2.98						

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Sand	Silt + Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang	
75-9-180	75-918	46°44.8' N	57°12.8' W	102	13/04-2130	St. Pierre Bank	S1Sa	Good clean sand.	4.6	94.6		1.49	1.31	1.29	0.70	-0.91	9.05						
75-9-181	75-919	46°42.8' N	57°20.4' W	120	13/04	W edge of St. Pierre Bank	S2a	Fine sand & shells. Whole	0.5	97.1	1.1	1.3	2.55	2.64	0.97	0.25	1.78	38.11					
75-9-182	75-920	46°48.2' N	57°20.6' W	234	13/04-0014	W edge of St. Pierre Bank	SD	One cobble, 10 pebbles. Till? All grain sizes. 2 attempts.	7.4	55.1	31.1	8.4	3.61	3.59	2.83	1.05	-0.14	4.32					
75-9-183	75-921	46°53.0' N	57°20.2' W	265	13/04-0045	SE edge of Hermitage Channel	ES	Compact mud.	0.4	21.8	45.1	32.7	6.13	6.28	2.61	2.40	-0.12	2.12					
75-9-184	75-922	46°58.2' N	57°20.6' W	234	13/04-0120	Hermitage Channel	Esb	Mud with 2% granules. 5% sand.	5.5	31.2	29.9	33.4	5.91	5.51	3.50	3.05	-0.26	2.39					
75-9-185	75-923	47°14.9' N	57°18.8' W	99	13/04-0250	N edge of Hermitage Channel	SD	Till. From 3 pebbles to clay.	10.3	72.7	9.6	7.3	2.21	2.22	3.07	1.05	0.13	4.12					
75-9-186	75-924	47°24.3' N	57°19.3' W	175	14/04-0400	Renea South Bank	Sb	Sand, silt & clay.	1.3	70.5	17.2	1	3.37	3.79	2.46	0.85	0.48	3.84					
75-9-187	75-925	47°25.6' N	57°27.0' W	139	14/04-0500	W of Renea South Bk	Sb	Sand & gravel (7 cobbles & 5 pebbles). Holes in sample bag.	53.7	39.1	3.2	4.0	-1.48	-0.95	3.85	3.25	0.34	2.98					
75-9-188	75-926	47°22.2' N	57°41.2' W	204	14/04-0630	N of Burgeo Bank	SD	Mud. Hole in sample bag. 3 attempts.	0.5	59.3	31.2	9.1	3.74	4.16	2.05	0.70	0.63	4.94					
75-9-189	75-927	47°19.2' N	57°41.0' W	186	14/04-0715	N of Burgeo Bank	ES	Sand. Hole in sample bag.	0.1	78.2	18.0	3.7	3.48	3.59	1.47	0.45	1.05	10.44					
75-9-190	75-928	47°04.2' N	57°41.7' W	120	14/04-0850	Burgeo Bank	S1Sb	Coarse gravel w/some sand. 1 cobble & 20 pebbles.	91.4	8.4	1	1	-5.21	-4.45	2.27	0.50	1.31	8.61					

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surt Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Sand	Silt+Clay						Well	Mod	Ang	Rid	Sub-Rid	Ang		
75-9-191	75-929	46°51.8' N	57°41.8' W	201	14/04-0930	SE of Burgeo Bank	SSD	Mostly sand. Till? Granules to clay.	0.4	79.0	14.2	6.4	3.05	3.39	1.98	0.80	0.83	6.29						
75-9-192	75-930	46°58.4' N	57°34.5' W	274	14/04-1010	Hermitage Channel	LoB	Clay.	0	9.7	57.0	35.2	6.37	6.63	2.14	2.00	-0.01	1.97						
75-9-193	75-931	47°11.7' N	57°34.6' W	137	14/04-1130	Burgeo Bank	SSb	20 pebbles. Granules & sand. Mostly gravel. 3 attempts.	69.2	27.6	(3.2)	(3.2)	-4.66	-2.76	3.44	3.15	0.45	2.05						
75-9-194	75-932	47°15.4' N	57°34.8' W	95	14/04-1200	N Burgeo Bank	SISa	Coarse clear sand.	41.6	55.4	(2.95)	(0.44)	-0.44	-0.55	2.11	1.65	0.11	2.34						
75-9-195	75-933	47°17.3' N	57°33.8' W	113	14/04	NE Burgeo Bank	SS	Coarse sand. 2% mud. 2 pebbles.	53.6	44.3	(2.04)	(-1.48)	-1.74	-1.74	3.17	3.20	0.04	1.54						
75-9-196	75-934	47°19.0' N	57°34.4' W	168	14/04-1245	NE Burgeo Bank	SS	Fine muddy sand. One cobble. Till?	0.4	89.7	7.5	2.4	3.31	3.23	1.38	0.46	0.81	12.21						
75-9-197	75-935	47°25.5' N	57°27.1' W	66	14/04-1410	S of White Bear Bay	SISb	Broken shells & coarse beach sand & gravel.	70.9	29	(0.2)	(-2.34)	-2.16	1.79	1.45	0.18	2.27							
75-9-198	75-936	47°25.5' N	57°27.6' W	220	14/04-1445	NE of Burgeo Bank	LoB	Mud.	0.9	45.3	46.8	10	4.17	4.48	2.01	0.70	0.49	4.77						
75-9-199	75-937	47°19.0' N	57°27.6' W	176	14/04-1520	NE of Burgeo Bank	SSD	Till. Cobbles to clay.	42.2	42.8	10.4	4.6	0.48	0.07	4.11	3.35	0.14	2.30						
CA 75-9-200		47°09.5' N	57°26.4' W	212	14/04-1600	E of Burgeo Bank	SSD	Sand & gravel - red particles thru sample. Camera station, Shipborne, FB ₁ , 12 exposures.																
75-9-201	75-938	46°57.9' N	57°26.5' W	300	14/04-1745	Hermitage Channel	LoB	Mud.	0	8.9	49.9	41.2	7.35	7.05	2.15	2.05	-0.17	1.90						
75-9-202	75-939	46°46.2' N	57°26.6' W	292	14/04-1900	Hermitage Channel	ESa	Mud. Scander shows till?	0.60	15.6	39.4	44.4	7.50	6.98	2.64	2.10	-0.41	2.89						

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Sand	Silt						Clay	Well	Mod	Ang	Rnd	Sub-Rnd	

CA 75-9-213		45°40.7' N	56°13.4' W	47	15/04-0545	St. Pierre Bank	SISb	Red rocks, starfish & shells, a little coarse sand. Camera station - Submersible, 12 exp.																
75-9-214	75-946	45°30.6' N	56°03.3' W	49	15/04-0720	S St. Pierre Bank	SISa	Very coarse sand w/shells.	34.9	64.6	[0.5]	-0.23	1.54	1.20	-0.16	2.85								
75-9-215	75-947	45°21.5' N	55°55.4' W	65	15/04-0820	S St. Pierre Bank	SISa	Sand & shells, (whole and broken), 2 attempts.	11	88.8	[0.1]	2.29	1.66	1.87	0.40	-1.25	8.49							
75-9-216	75-948	45°13.5' N	55°47.1' W	82	15/04-0920	S St. Pierre Bank	SISa	Coarse sand with shells, (whole & broken).	2.6	96.7	[0.8]	0.87	0.91	0.85	0.50	-0.40	9.78							
75-9-217	75-949	45°05.0' N	55°39.5' W	89	15/04-1015	S St. Pierre Bank	SISa	Fine sand & one sand dollar.	0.1	99.1	[0.8]	1.60	1.67	0.59	0.35	0.43	7.50							
75-9-218	75-950	44°57.3' N	55°32.8' W	374	15/04	Edge of St. Pierre Bank	SS	Very fine sand, silt & clay.	0	40.5	39.4	20.1	4.42	5.32	2.34	1.85	0.35	2.16						
75-9-219	75-951	45°01.7' N	55°20.3' W	304	15/04-1210	S of Halibut Cm	SSb	Fine, slightly muddy grey sand.	2.5	89.4	3.1	5.0	1.85	2.11	2.10	0.70	0.91	8.50						
75-9-220	75-952	45°08.3' N	55°25.5' W	146	15/04	Halibut Channel	SSa	Fine sand. One cobble.	14.6	85.3	[2.1]	1.40	0.65	1.96	0.60	-0.72	4.64							
75-9-221	75-953	45°19.7' N	55°35.6' W	48	15/04-1420	S St. Pierre Bank	SISa	Coarse sand. Pebbles & shells.	38.5	61.3	[0.2]	-0.67	-0.75	1.19	0.75	-0.15	3.90							
75-9-222	75-954	45°29.2' N	55°45.5' W	53	15/04-1615	St. Pierre Bank	SISa	A few shells & sand dollars in sand.	3.4	95.8	[0.8]	1.08	0.92	0.98	0.50	-0.98	12.87							

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Silt	Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang	

CA 73-9-233 75-960 46°32.0' N 56°29.2' W 64 16/04-0900 St. Pierre Bank SLSa Coarse sand & gravel. 46.1 53.4 (0.5) -0.51 -0.62 2.09 1.90 -0.07 1.75

Camera station, Shipborne, 12 exposures. Color photos - go with 73-9-230.

73-9-235 75-961 46°23.0' N 56°21.8' W 84 16/04-0510 St. Pierre Bank SLSa One cobble, 8 pebbles, 35.6 63.2 (1.24) 1.94 -0.05 3.21 3.35 -0.28 1.46

granules & sand. 3 attempts.

73-9-234 75-962 46°15.2' N 56°12.6' W 64 16/04-0515 St. Pierre Bank SLSa 3 cobbles, coarse sand, 16.7 82.6 (0.7) 0.24 -0.11 1.48 0.65 -0.64 5.51

few shells. 2 attempts.

73-9-235 75-963 46°06.6' N 56°05.0' W 73 16/04-0745 St. Pierre Bank SLSa All crushed shells! 29.1 69.6 (1.3) 0.05 -0.02 1.46 1.15 0.01 2.99

CA 73-9-236 75-964 45°58.3' N 55°55.0' W 68 16/04-0850 St. Pierre Bank SLSb Sand, gravel, shell mat'l. 77 22.2 (0.8) -3.65 -2.59 2.42 1.45 0.58 3.00

Camera station, Shipborne.

73-9-237 75-965 45°49.8' N 55°47.8' W 60 16/04-0950 St. Pierre Bank SLSb From cobbles to sand, shell material (broken). Hole in sample bag. 88.7 14.0 (0.3) -5.32 -4.25 2.31 0.95 0.85 4.42

CA 73-9-238 75-966 45°42.5' N 55°40.5' W 60 16/04-1040 E St. Pierre Bank SLSb Sand & mostly shell mat'l. 66.8 32.7 (0.5) -2.31 -1.90 2.10 1.85 0.12 2.17

Camera station, Shipborne.

73-9-239 75-967 45°33.3' N 55°31.5' W 71 16/04-1150 E St. Pierre Bank SLSb All broken shell, no inorganics. 59.7 39.6 (0.6) -1.48 -0.95 1.98 1.75 0.08 2.38

CA 73-9-240 75-968 45°47.0' N 55°26.7' W 77 16/04 E St. Pierre Bank SLSa Coarse sand, granules & broken shells. Camera station, setting FB.5, 15 exposures. 23.8 75.8 (0.38) 0.29 -0.07 1.51 0.90 -0.41 3.77

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies		
									Grav	Sand	Silt						Clay	Well	Med	Ang	Rnd	Sub-rnd		Ang	
73-9-241		45°55.2' N	57°56.0' W	82	16/04-1430	E St. Pierre Bank	Slsb	Rocks caught in jaws. No sample. 3 attempts.																	
CA 73-9-242	75-269	46°05.8' N	57°44.5' W	64	16/04-1530	St. Pierre Bank	Slsa	Clean sand & 3" mussels. Camera station, Shipborne, settling FS-5, 15 exposures.	11.8	87.2	1.6	1.23	1.58	1.89	0.46	-1.05	6.33								
73-9-243		46°11.6' N	57°51.8' W	60	16/04-1640	St. Pierre Bank	Slsb	Red colored pebbles & rocks, whole organics. Organics on upper part of rocks. 2 attempts.																	
73-9-244	75-270	46°19.4' N	57°58.7' W	142	16/04-1745	St. Pierre Channel	ES	Mud, dark layers through sample. Hble in sample bag.	0	32	58.5	9.6	4.45	4.91	1.72	0.70	0.75	4.57							
73-9-245	75-271	46°23.5' N	56°03.6' W	150	16/04-1820	St. Pierre Channel	ESa	Mud with dark layers. damaged sample bag.	0.1	36.5	55.8	7.6	4.30	4.69	1.61	0.95	0.84	5.92							
73-9-246	75-272	46°27.8' N	56°08.4' W	146	16/04-1900	St. Pierre Channel	SSa	Silt with sand & clay.	0	73.4	20.9	5.6	3.64	4.05	1.48	0.35	1.35	10.05							
73-9-247	75-273	46°32.3' N	56°13.0' W	125	16/04-1940	St. Pierre Channel	SSa	Silty sand.	1.4	88.9	5.7	3.9	3.43	3.53	1.58	0.35	0.35	14.82							
73-9-248		46°34.0' N	56°03.5' W	107	16/04	N of St. Pierre Channel	Slsb	For sample. 3 pebbles. 2 attempts, probably hard bottom.																	
73-9-249	75-274	46°29.4' N	57°59.8' W	153	16/04	St. Pierre Channel	SS	Sandy clay.	0.2	79.6	14.9	5.2	3.55	3.87	1.53	0.30	1.16	10.19							
73-9-250	75-275	46°27.6' N	57°56.0' W	160	16/04-2130	St. Pierre Channel	SSD	Till - from pebbles to clay. 2 attempts.	40.4	46.6	10.7	2.3	2.72	0.39	4.16	3.80	-0.09	1.72							

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE : Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean β	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness		Sand Roundness		Lithologies
									Grav	Silt	Clay						Well Mod	Ang	Rnd	Sub-Rnd	
75-9-251	75-976	46°24.8' N	55°57.1' W	164	16/04	St. Pierre Channel	ESa	Sand, silt & clay.	0.5	36.5	53.7	9.4	4.32	4.75	1.77	0.65	0.56	5.99			
75-9-252	75-977	46°21.2' N	55°53.4' W	142	16/04-2220	St. Pierre Channel	SSD	Till - from cobbles to clay. 2 attempts.	35.0	38.6	18.8	7.6	2.12	1.22	4.32	3.70	0.03	2.01			
75-9-253	75-978	46°17.0' N	55°48.5' W	109	16/04-2255	E St. Pierre Bank	SISb	Till - Cobbles to clay - modified? Hole in sample bag.	86.9	10.9	1.4	0.8	-5.40	-4.29	2.81	0.25	1.22	8.75			
75-9-254	75-979	46°13.1' N	55°44.8' W	95	16/04-2300	St. Pierre Bank	SISa	2 attempts.	8.6	90	1	1.6	2.43	1.90	1.93	0.35	-1.36	9.24			
75-9-255	75-980	46°01.9' N	55°53.2' W	466	16/04-0330	E St. Pierre Bank	SISb	Gravel. Some sand & broken shells.	90.6	9.1	0.2	0.2	-4.89	-4.35	1.94	0.55	1.19	7.77			
75-9-256	75-981	45°52.5' N	55°24.0' W	135	16/04-0130	Hallibur Channel	SS	Muddy sand.	0	88.9	7.5	3.6	3.55	3.40	1.43	0.90	0.75	8.16			
75-9-257	75-982	45°48.0' N	55°20.0' W	165	16/04-0200	Hallibur Channel	SSa	Till? 2 cobbles. Pebbles to clay.	19.1	65.9	10.8	4.2	3.04	1.91	3.44	1.30	-0.28	3.14			
75-9-258	75-983	45°40.4' N	55°13.8' W	154	16/04-0240	Hallibur Channel	SSb	3 cobbles, 5 pebbles. Sand & mud.	45.7	44	7.7	2.6	0.90	-0.54	4.21	3.95	0.09	1.81			
75-9-259	75-984	45°44.8' N	55°08.0' W	152	16/04-0320	Hallibur Channel	SSa	Sandy mud.	0.1	78.9	16.4	4.5	2.78	3.33	1.64	0.60	1.17	9.09			
75-9-260	75-985	45°47.5' N	55°11.0' W	170	16/04-0345	Hallibur Channel	SSa	Clayey silt.	0.3	57.9	34	7.8	4.29	4.55	1.54	0.65	0.70	6.68			
75-9-261	75-986	45°52.6' N	55°16.2' W	160	17/04-0430	Hallibur Channel	SSa	Silty sand.	0.2	84.6	10.1	5.1	2.62	2.85	1.80	1.00	0.79	6.55			
75-9-262	75-987	46°01.3' N	55°24.5' W	84	17/04-0545	E St. Pierre Bank	SISa	Sand & very fine crushed shells.	13.3	85.4			2.44	1.72	2.07	0.65	-0.90	5.11			

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness		Sand Roundness		Lithologies	
									Grav	Sand	Silt							Clay	Well	Mod	Ang		Rnd
CA 73-9-253	75-988	46°08.5' N	59°32.2' W	75	17/04-0645	E St. Pierre Bank	Slsb	Sand, pebbles, crushed shells. Camera station, Shipborne, 15 exposures.	72.6	27.1			-2.12	-2.14	2.11	2.00	0.19	1.97					
73-9-264	75-989	46°10.9' N	59°34.6' W	91	17/04-0730	E St. Pierre Bank	Slsb	Very little sand, shells & lots of rocks.	89.2	10.1			-3.56	-3.07	2.13	0.75	1.02	6.19					
73-9-265	75-990	46°13.2' N	59°38.0' W	109	17/04-0800	E St. Pierre Bank	Slsb	From cobbles to (clay)? Modified till?	61	29.8	6.0	3.2	-2.17	-0.99	3.81	3.55	0.39	2.50					
73-9-266	75-991	46°14.7' N	59°38.2' W	124	17/04-0825	E edge of St. Pierre Bank	Ssa	Mostly silt & clay with sand & pebbles.	0.2	99.1	34.8	5.9	4.20	4.29	1.48	0.75	0.98	6.97					
73-9-267	75-992	46°17.0' N	59°40.0' W	137	17/04-0850	S of St. Pierre Channel	Esb	Sandy silt & clay.	13.4	15.7	64.9	6.0	4.85	3.85	3.45	0.60	-0.75	4.34					
73-9-268	75-993	46°19.2' N	59°43.2' W	142	17/04-0920	St. Pierre Channel	Esa	Silty clay.	0	38.7	55.2	6.1	4.68	4.84	1.25	0.55	0.93	8.10					
73-9-269	75-994	46°21.5' N	59°42.4' W	151	17/04-0940	St. Pierre Channel	Ssd	Till - from pebbles to clay.	21.0	32.0	41.6	5.4	4.46	3.20	3.44	1.15	-0.53	3.42					
73-9-270	75-995	46°22.9' N	59°45.4' W	151	17/04-1000	St. Pierre Channel	Ssd	Till - from pebbles to clay.	18.6	39.5	36.0	5.8	4.11	2.89	3.65	1.30	-0.47	2.94					
73-9-271	75-996	46°25.2' N	59°47.5' W	144	17/04-1030	St. Pierre Channel	Ssd	Till - from cobbles to clay.	34.9	47.8	13.2	4.1	1.31	1.01	3.39	2.85	0.11	2.35					
73-9-272	75-997	46°33.0' N	59°53.3' W	150	17/04-1100	N of St. Pierre Channel	Ssa	Sandy clay.	0	75.2	21.8	4.9	4.11	4.31	1.14	0.40	1.35	13.50					
73-9-273	75-998	46°36.8' N	59°58.7' W	151	17/04-1140	N of St. Pierre Channel	Ssa	Mostly sand.	0.1	81.1	12.6	6.2	3.71	3.93	1.46	0.60	1.08	8.95					

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Sand	Silt Clay					Well	Mod	Ang	Rnd	Sub-Rnd	Ang		
73-9-293	75-1017	45°55.7' N	55°02.0' W	137	17/04-2220	Hallibur Channel	SSa	Sandy clay.	0	79.5	17.2	3.4	3.96	4.10	1.10	0.45	1.30	13.12					
73-9-294	75-1018	45°59.8' N	55°05.5' W	179	17/04-2311	Hallibur Channel	SSa	Silty clay, some sand.	0	70.3	24.8	4.8	4.05	4.25	1.29	0.55	1.06	9.33					
73-9-295	75-1019	46°06.0' N	55°13.0' W	139	17/04-0000	Hallibur Channel	SSb	One cobble, 95% sand. Maybe mud.	31.2	62.1	5.0	1.8	3.72	2.01	3.62	0.75	-0.57	2.91					
73-9-296	75-1020	46°14.7' N	55°21.0' W	135	17/04-0100	Hallibur Channel	SSa	Sandy mud.	0.1	64.8	30.8	4.3	4.21	4.43	1.18	0.50	1.05	10.89					
73-9-297	75-1021	46°20.1' N	55°27.0' W	162	17/04-0140	E of St. Pierre Channel	ESb	Sandy mud.	3.70	41.0	49.1	6.2	4.57	4.44	2.00	0.65	-0.67	9.11					
73-9-298	75-1022	46°23.2' N	55°29.0' W	179	17/04-0205	E of St. Pierre Channel	SSD	Till - from 2 boulders to clay.	56.1	24.2	16.7	3.01	-1.49	-0.14	4.18	4.10	0.21	1.69					
73-9-299	75-1023	46°27.4' N	55°33.7' W	157	17/04-0340	St. Pierre Channel	SSD	Till - from 10 boulders to clay.	43.5	29.2	20.9	6.4	1.05	1.05	3.95	3.60	0.16	2.00					
73-9-300	75-1024	46°31.9' N	55°37.1' W	161	17/04-0325	N of St. Pierre Channel	SSb	Till - 2 boulders, 15 cobbles to clay.	84	7.5	7.3	1.2	-3.91	-2.61	3.45	3.20	0.91	4.77					
73-9-301	75-1025	46°35.7' N	55°42.5' W	130	18/04-0405	N of St. Pierre Channel	SSb	Sand, pebbles & silt.	19.4	67.6	10.3	2.6	3.73	2.56	3.10	0.95	-0.65	4.29					
73-9-302	75-1026	46°40.1' N	55°45.4' W	91	18/04	S of Burin Peninsula	SISb	3 cobbles, granules, sand & silt. Sand grains adhering on upper part of rock frags.	74.9	21.1	2.2	1.8	0.09	-2.01	3.92	7.35	0.56	3.62					
73-9-303	75-1027	46°45.7' N	55°50.9' W	113	18/04-0600	S of Burin Peninsula	SISa	Sand with 2 pebbles, granules & maybe mud.	45.5	52.8	1.9	1.8	1.85	0.18	3.35	2.70	-0.08	2.33					

CRUISE - HUDSON - 73-006 : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Sand	Silt						Clay	Well	Mbd	Ang	Rnd	Sub-Rnd		Ang
75-9-304	75-1028	46°48.0' N	55°42.9' W	82	18/04-0645	S of Burin Peninsula	S1S6	Sand with 2 cobbles, 2 pebbles & silt.	41.3	53.8	3.2	1.7	1.62	0.28	3.17	2.40	-0.04	2.71						
75-9-305	75-1029	46°42.3' N	55°36.0' W	120	18/04-0735	S of Burin Peninsula	S1S6	Muddy sand & gravel.	50.9	45.4	4.5	1.2	3.16	0.14	4.12	4.15	-0.05	1.28						

END OF PHASE I OF HUDSON 73-006

CRUISE - HUDSON - 73-006 (Phase II) : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies		
									Grav	Sand	Silt						Clay	Well	Mod	Ang	Rnd	Sub-Rnd		Ang	
75-2-336	75-1053	47°04.7' N	54°29.0' W	201	05/07	Placentia Bay	SSD	Pebbles to silt with broken and whole organics. Till?	28.0	35.8	29.4	6.8	3.80	2.10	4.07	3.80	-0.22	1.96							
75-2-337	75-1054	47°01.0' N	54°28.9' W	193	05/07	Placentia Bay	SSB	Cobbles to silt.	69.6	16.0	12.8	1.6	-3.56	-1.35	3.91	3.85	0.48	2.28							
75-2-338				175	05/07			2 pebbles with sand grains on the lower part only																	
75-2-339				128	05/07-1105			2 attempts. Jaws open 2nd time. 2 pebbles - sand on portions of them. Growth on $\frac{1}{2}$ the rocks & 2 small shells in the 2nd attempt.																	
75-2-340	75-1055	46°37.3' N	54°32.8' W	106	05/07-0054	Placentia Bay	SS	Light grey-green, well sorted sample. 2 cobbles, pebbles & sand. Sand is broken shell material - brittle stars & sand dollars thrown overboard. Coarse fraction is red & brown siltstones.	35.2	64.2			1.35	0.35	3.05	3.15	-0.22	1.65							
75-2-341				106	05/07	Placentia Bay		2 pebbles & granules sticking all over them. 3 attempts.																	
75-2-342				91	05/07	Placentia Bay		One small cobble with sand grains & organics adhering to upper part.																	
75-2-343	75-1056	46°35.2' N	54°40.1' W	168	05/07	Placentia Bay	SISB	Sandy gravel to gravel. 2 attempts.	69.4	29.3	0.8	0.4	-2.70	-1.52	3.69	4.05	0.29	1.60							

CRUISE - HUDSON - 73-006 (Phase II) : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Sand	Silt						Clay	Well	Mod	Ang	Rnd	SubRnd	
75-2-344	75-1057	46°42.8' N	54°47.0' W	237	06/07-0700	Placentia Bay	LC	Mostly silty clay.	0	7.0	75.5	19.4	5.65	6.03	1.68	1.35	0.36	3.00					
75-2-345	75-1058	46°48.7' N	54°55.1' W	241	06/07	Placentia Bay	SS	Cobbles, pebbles, sand & silt.	49.7	15.3	31.3	3.7	3.94	0.90	4.56	4.50	-0.02	1.33					
75-2-346	75-1059	46°53.1' N	54°57.0' W	190	06/07	Placentia Bay	SS	Cobbles, granules, sand & silt.	58.8	25.8	11.9	3.5	-1.45	-0.47	3.85	3.60	0.36	2.38					
75-2-347	75-1060	46°56.5' N	54°51.3' W	201	06/07	Placentia Bay	SSb	Cobbles to silt.	83.5	9.6	5.7	1.2	-2.74	-2.18	3.21	4.35	0.82	5.00					
75-2-348	75-1061	47°00.7' N	54°55.3' W	78	06/07	Placentia Bay	SISb	Cobbles, pebbles, sand & silt.	84	15.4			-3.46	-3.01	2.56	4.85	0.64	3.20					

CRUISE - HUDSON - 73-006 (Phase II) : CHIEF SCIENTIST - B. MacLean : SAMPLE TYPE -- Piston Core & Camera Station

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Sand	Silt/Clay						Well	Mod	Avg	Rnd	Sub-Rnd	Avg	

PC
 CA 73-2-349 13193 46°57.0' N 58°53.5' W 400 13/07 Laurentian Channel LC
 Grey clay overlying an assumed moraine (core stopped by fill).
 Grey clay on core catcher & outer barrel. Color photos, Shipborne. Length of barrel: 40 ft. Length of core: 20 ft.
 Liner: Yes.
 Intervals: Seafloor (0)
 : 50 cm
 : 210 cm
 : 270 cm
 : 310 cm
 : 325 cm

PC
 CA 73-2-350 71-0277 46°56.0' N 58°53.0' W 420 13/07 Laurentian Moraine ES
 On top of moraine. 7 color photos, Shipborne. Length of barrel: 20 ft. Length of core: 15 ft. Liner: Yes.
 Intervals: 19-25 cm
 : 74-79 cm
 : 200-283 cm
 : 300-304 cm
 : 328-332 cm
 : 364-368 cm
 : 406-410 cm
 : 451-465 cm
 : 485-490 cm
 : 513-518 cm
 : 532-535 cm

0	5.74	28.8	65.5	9.45	7.7	2.09	1.55	-0.4	2.6
0.2	27.9	31.1	34.8	6.93	6.05	2.62	2.70	-0.10	1.95
2.2	37.2	29.6	31	5.54	5.05	2.88	3.10	0.01	2.14
49.2	15.8	18.6	16.3	-1.59	0.62	5.11	5.15	0.23	1.62
1.62	32.3	33.3	32.8	6.14	5.55	2.81	2.85	-0.05	2.21
37.8	20.1	20.7	21.43	3.18	1.97	4.81	5.05	0.1	1.51
2.2	30.6	33.4	33.8	6.31	5.51	2.92	2.90	-0.13	2.56
3.7	33.2	30.8	32.3	5.76	5.11	3.13	3.00	-0.12	2.44
4.8	31.1	33.1	31	6.07	5.28	3.11	2.90	-0.19	2.61
1.6	30.2	34.8	33.4	6.26	5.66	2.75	2.80	-0.05	2.35
0.5	22.7	30.0	46.8	8.18	6.40	2.92	2.90	-0.28	2.19

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Sand	Silt							Clay	Well	Mod	Ang	Rnd	SubRnd	

RC 73-2-351 77-0288 46°34.2' N 58°24.2' W 454 13/07 Laurentian Channel LC
 CA -77-0315
 Clay in front of moraine. Light reddistgray. Color photos, Shipborne. 30 ft core in 40 ft barrel.
 Intervals: 37-42 cm 0 2.4 34.2 63.4 9.25 8.25 1.52 1.05 -0.87 7.88
 : 89-93 cm 0 6.6 29.2 64.3 9.37 7.65 2.25 1.45 -0.54 3.35
 : 96-100 cm 0 3.9 32.2 63.9 9.39 7.78 2.03 1.25 -0.42 2.56
 : 148-152 cm 0 3.8 25.5 70.70 9.54 8.27 1.76 0.95 -0.80 5.45
 : 197-202 cm 2.7 13.7 22 61.6 9.3 7.2 2.95 1.45 -0.68 4.25
 : 246-250 cm 0 2.78 33.1 64.1 9.34 8.09 1.69 1.15 -0.59 4.05
 : 291-296 cm 0 2.70 33.4 63.9 9.24 8.06 1.79 1.05 -0.80 6.28
 : 347-351 cm 0.4 2.5 29.8 67.3 9.47 8.15 1.85 1.05 -0.97 8.60
 : 370-375 cm 0.9 3.3 33.5 62.3 9.30 7.92 2.06 1.20 -0.96 7.80
 : 407-412 cm 0 5.0 30.1 64.9 9.39 8.00 1.88 1.20 -0.63 4.00
 : 423-428 cm 0 6.4 29.6 64.0 9.35 7.85 2.05 1.25 -0.62 3.82
 : 492-497 cm 1.2 32.7 34.8 31.3 6.20 5.67 2.72 2.75 -0.09 2.46
 : 527-532 cm 0.3 6.8 29 64 9.37 7.75 2.26 1.25 -0.68 4.46
 : 555-559 cm 0.6 9.6 26.9 63 9.38 7.51 2.47 1.45 -0.61 3.90
 : 580-587 cm 5.4 26.5 36.4 31.8 6.44 5.44 3.16 2.90 -0.26 2.68
 : 623-628 cm 1.7 16.0 30.6 51.7 8.75 6.67 2.96 2.15 -0.42 2.75
 : 684-688 cm 1.6 33.5 26.0 38.9 7.10 5.26 3.47 3.60 -0.08 1.59
 : 704-709 cm 0.6 15.8 35.7 48 8.30 6.86 2.62 1.90 -0.42 2.99
 : 728-733 cm 1.4 23.4 29.0 46.1 8.04 6.31 3.00 2.60 -0.30 2.26
 : 740-745 cm 2.8 16.9 32.8 47.5 8.17 6.4 3.07 2.30 -0.40 2.75
 : 775-780 cm 12.3 18.3 28.9 40.4 7.10 5.14 3.98 3.10 -0.31 2.15
 : 789-794 cm 1.9 13.8 32.4 51.9 8.73 6.87 2.87 1.85 -0.55 3.65
 : 813-819 cm 14.6 27.5 24.9 33 5.96 4.24 4.11 4.05 -0.09 1.66
 : 858-862 cm 2.1 22.1 42.5 33.3 6.86 5.68 3.01 2.55 -0.22 2.32
 : 905-911 cm 1.0 14.8 31.9 52.4 8.76 6.94 2.71 1.90 -0.49 3.42
 : 937-942 cm 12.3 14.9 31.5 41.2 7.5 5.28 4.21 2.85 -0.43 2.95
 : 974-978 cm 0 11.1 35.2 53.7 9.05 7.18 2.39 1.75 -0.38 2.72
 : 974-978 cm 14.6 12.2 28.7 44.5 7.86 5.13 4.53 2.90 -0.40 2.24

CRUISE - SACKVILLE - 73-029 : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Srf Sed Type	Description	Percentages				Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies		
									Grav	Sand	Silt	Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang			
75-2-397	75-1398	46°31.7' N	59°45.0' W	60	13/10	St. Anne's Bank	Sls	One cobble. 3 dbz pebbles (red coating & organics on top). Sand. Mainly rocky bottom overlying sand with sand patches. 2 attempts.	64	31	1	1	1.05	0.33	2.05	1.40	-0.48	3.28	50	20	30	20	80	20	90% ss/ qtz pebbles	
75-2-398	75-1104	46°35.1' N	59°40.0' W	68	13/10	St. Anne's Bank	Sls	Medium to coarse brown sand, few pebbles. Above terrace.	31.4	67.7			1.05	0.33	2.05	1.40	-0.48	3.28	50	20	30	20	30	20	50 ss/qtz/gr	
75-2-399	75-1399	46°38.8' N	59°35.0' W	151	13/10	NE St. Anne's Bank	Ssb	Muddy sand, some pebbles. Very angular. 2 attempts.	69	28	1	1							10	90	5	10	85	85	gr/ss/vol	
75-2-400	75-1147	46°46.5' N	59°34.0' W	349	13/10	Laurentian Channel	Lob	Very dark brown mud. Forams & broken shells.	0	11.4	59.9	28.6	5.97	6.24	1.91	2.10	0.25	2.28							10	90
75-2-401	75-1066	46°42.6' N	59°39.3' W	186	13/10	NE St. Anne's Bank	Ssa	Dark brown sandy mud, some glazed qtz grains. Forams, worm tubes & shells.	0.8	70.4	16.9	12	3.53	4.10	2.07	0.95	0.56	4.04	20	50	30	20	60	20	gr/qtz/coal/ ss	
75-2-402	75-1064	46°42.2' N	59°40.4' W	115	13/10	NE St. Anne's Bank	Ssb	Dark brown muddy sand with a few pebbles. Forams. Jaws open.	34	58.7	4.0	3.3	1.65	0.67	3.15	1.95	0.00	3.09	60	30	10	70	25	5	gr/ss/qtz/ite/ vol	
75-2-403		46°39.4' N	59°49.0' W	70	13/10	NE St. Anne's Bank	Slsa	Very firm sample. Muddier than usual for this depth. Broken shells & worm tubes.	14.6	59.5	13.3	12.6	3.03	2.99	3.04	1.46	0.15	3.00	80	10	10	30	60	10	gr/ss/qtz/ite	
75-2-404	75-1063	46°36.0' N	59°48.6' W	58	13/10	N St. Anne's Bank	Sls	Pebbles & sand. Coal & calc frags. Trace lithothamnia. Scalloped shells & forams.	65.4	31.4	1.6	1.6	-0.59	-1.22	3.39	3.65	0.32	2.56	80	10	10	70	25	5	40% gr/ite/ 50% ss/5% vol	

CRUISE - SACKVILLE - 73-029 : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies		
									Grav	Sand	Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang			
75-2-413	75-1076	46°32.5' N	60°03.5' W	104	13/10	N of St. Anne's Bank	SSa	Black mud with some sand & a few rounded pebbles. No pebbles in subsample. Forams & coal.	0.1	55.9	28.4	15.6	4.26	4.99	2.17	2.00	0.42	2.55	10	30	60				
75-2-414		46°36.5' N	59°59.2' W	60	13/10	N St. Anne's Bank	S1b	Gravel sitting on sand. Pebbles had organics on upper part & sand grains adhering all over. Jaws open. 2 attempts.																	
75-2-415	75-1075	46°43.2' N	59°48.0' W	97	13/10	St. Anne's Bank	S1Sa	Angular pebbles. Organics on upper part of pebbles. Sand.	45.9	51.6			1.49	-0.35	3.07	3.05	-0.12	1.38	5	30	65	30	20	50	gr/vol/qtz/ mud/ss-most
75-2-416	75-1113	46°46.7' N	59°45.0' W	140	13/10	N St. Anne's Bank	SSb	Dark brown & resembles #111, but well sorted. Some iron staining.	32.5	53.0	6.2		1.66	1.14	3.29	2.30	0.20	2.92	50	40	10	5	15	80	90% red ss/ mud/vol
75-2-417	75-1404	46°48.0' N	59°51.5' W	129	13/10	N edge of St. Anne's Bank	SSb	Pebbles with sand grains adhering & organics on top. Muddy water was draining from grab. Scaphopods & coal frags. 3 attempts.	89	10	1								60	20	20	60	20	20	50% ss/30% gr/ 10% vol/ 10% mud
75-2-418	75-1152	46°41.0' N	60°02.9' W	119 approx	13/10	N edge of St. Anne's Bank	SSa	Mud. Echo sounder shows a very thin layer.	1.3	76.9	9.9	12	3.59	4.01	2.09	0.70	0.46	5.74			90	20	20	60	
75-2-419	75-1122	46°35.9' N	60°11.8' W	110	14/10	N of Sydney, N.S.	L0b	Firm mud. Organic matter, worm tubes & coal frags. 2 attempts.	0.2	8.40	55	36.5	6.98	6.72	1.95	2.05	-0.05	2.81						90	mica in sand

CRUISE - SACKVILLE - 73-029 : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surr Sed Type	Description	Percentages			Median Ø	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies	
									Grav	Silt	Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang		
75-2-400	75-1139	46°31.3' N	60°18.7' W	67	14/10	N of Sydney	SSD	Till. One long rock.	59.5	23.4	10.2	6.9	2.04	0.00	4.56	6.85	0.25	2.02	20	20	60	80	20% vol/ 60% gr	
75-2-421	75-1107	46°28.0' N	60°20.4' W	70	14/10	N of Sydney	SSa	Mud with trace of sand. Norm tubes.	0.4	59.9	27.4	12.4	4.23	4.51	1.82	0.75	0.58	5.34	80	10	10	40	40	
75-2-422	75-1405	46°24.0' N	60°25.1' W	26	14/10-0300	N of Sydney	SIS	2 attempts. 1st: large (10 kg) limestone? block - burrowed & red on top. 2nd: some coarse sand, 5 cobbles & one 6 kg rock, red coating on rocks. Coal. 50% to 100% Lithothamnium on gravel. Some forams.	94	6	1	0							80	10	10	80	10	30% gr/50% ls/ 10% ss/10% vol
75-2-423	75-1406	46°22.5' N	60°25.0' W	49	14/10-0400	N of Sydney	SIS	Well rounded pebbles. 90% granite, some sand 10% whole organics.											100	70	15	15	90% gr/10% vol	
75-2-424	75-1141	46°26.0' N	60°18.0' W	91	14/10-0433	N of Sydney	SSB	Sandy mud with 4 cobbles, (terraced?). Till? Few forams.	31.8	48.7	15.8	3.7	3.35	1.85	3.81	1.75	-0.34	2.56					g	
75-2-425	75-1415	46°29.5' N	60°12.9' W	134	14/10-0505	N of Sydney	SSa	Mud & biogenically cemented sand grains. Organic hash & forams.	2	65	20	13							65	10	5	70	30	qtz/need/gr
75-2-426	75-1117	46°46.5' N	60°05.5' W	141	14/10-0604	N of Sydney	SSa	Mud. Forams & organic hash.	0	55.9	24.4	19.7	4.34	5.08	2.14	1.90	0.48	2.72					80	
75-2-427	75-1118	46°55.5' N	59°53.5' W	201	14/10	N of St. Anne's Bank	SSa	Dark grey & brown muddy sand. Less than 10% forams.	3.4	61.3	19.7	15.5	3.62	3.93	2.75	1.80	0.10	3.55			90		70	

approx

CRUISE - SACKVILLE - 73-029 : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median g	Mean g	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies					
									Grav	Sand	Silt							Clay	Well	Mod	Ang	Rnd	Sub-rnd		Ang				
75-2-457	75-1408	46°56.6' N	60°18.9' W	60	14/10-1845	Aspy Bay	SISb	Sand & gravel & brittle stars. Biogenically cemented grains. Bivalves.	69	28	1	1	2.02	2.03	0.75	-0.48	7.18	20	40	40	20	40	20	5	med/s/g				
75-2-438	75-1103	46°59.5' N	60°14.7' W	104	14/10	Aspy Bay	SISa	Sand & one pebble. Angular, doesn't appear transgressed. Tubes, snail shells.	7.4	88.9	2.0	1.6	2.26	2.02	2.03	0.75	-0.48	7.18	20	40	40	20	40	20	40	vol/ss			
75-2-439	75-1124	47°01.0' N	60°13.0' W	139	14/10	E of Aspy Bay	SSa	Muddy sand. Few shells.	0.1	94.8	3.0	2.1	2.96	2.98	1.21	0.50	0.88	12.44							80	fsp/qtz			
75-2-440A -440B	75-1077	47°04.6' N	60°07.5' W	223	14/10	E of Cape North	SSa	Grey clay & silt, some sand. 10" is iron stained.	8.7	80.9	5.9	4.5	2.48	2.40	2.22	0.75	0.10	5.67											
75-2-441	75-1121	47°08.7' N	60°01.5' W	314	14/10	W of Cape North	SSa	Brown mud. Forams rich. Organic hash.	0.0	30.6	44.9	24.6	5.21	5.66	2.08	2.05	0.34	2.34								90	mica flakes/ Fe on grains		
75-2-442	75-1130	47°12.2' N	59°56.5' W	410	14/10	Cabot Strait	LOB	Brownish grey mud. Forams & organic hash. Quartz with rough fractured surface.	0.2	6.3	47.1	46.4	8.14	7.13	2.08	1.95	-0.28	3.15								10	20	70	qtz
75-2-443	75-1085	47°15.2' N	60°02.5' W	330	14/10	NE of Cape North	SSb	Reddish brown till. Ring around 4" rock. 2 attempts.	46.4	42.8	6.0	4.90	1.74	0.29	3.78	3.35	0.13	2.37	10	30	60	50	30	20	20	20	red ss/g		
75-2-444	75-1075	47°13.2' N	60°04.9' W	186	14/10	St. Paul's Island	SSb	Till. Very small sample. Forams.	17.0	74.3	6.0	2.6	2.74	1.87	3.04	0.90	-0.47	3.44									40	mica/qtz sand	
75-2-445	75-1110	47°10.2' N	60°09.5' W	198	14/10	St. Paul's Island	SSb	Snell sample. Modified till. Shell frags.	20.3	76.3	1.7	1.7	2.50	1.72	2.52	0.75	-0.54	4.88	15	30	55	20	20	60	20	60	ore ls rock		

CRUISE - SACKVILLE - 73-029 : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies		
									Grav	Sand	Silt+Clay						Well	Mod	Ang	Red	Sub-Rnd	Ang			
73-2-446	75-1072	47°08.4' N	60°12.1' W	198	15/10	NE of Cape North	SSa	Sandy till. Fe stained rocks. Strange rounded rock.	18.4	71.3	6.5	3.8	2.02	1.70	2.65	0.90	-0.05	4.10	20	30	50	60	30	10	ss/gr/col
73-2-447	75-1112	47°06.8' N	60°14.6' W	179	15/10	NE of Cape North	SSb	Dirty sand. Fair sample. Coarse log. Sea urchin shells.	28.1	66.5	3.9	2.5	1.99	0.95	3.13	2.10	-0.19	2.74	30	20	50	50	30	20	10% med/ss
73-2-448	75-1131	47°03.4' N	60°19.9' W	146	14/10	Cape North	SSa	Mostly sand. Some silt & gravel - modified till.	3.0	85.8	6.1	5.1	2.95	3.01	1.80	0.65	0.27	8.55	80	10	10	30	10	60	gr/med
73-2-449	75-1132	47°05.0' N	60°28.9' W	110	14/10-0251	W of Cape North	SLSa	Mud. Few forams.	0	82.9	11.4	5.6	3.70	3.89	1.32	0.55	1.27	11.32	10	10	10	10	10	70	mica sand
73-2-450	75-1409	47°07.5' N	60°24.0' W	165	14/10-0332	N of Cape North	SSa	Mud. Forams/hesi/coal frags.	0	19	45	36							10	80				10	qtz/mica
73-2-451	75-1410	47°10.9' N	60°19.0' W	185	15/10-0410	N of Cape North	SSa	Mud. Many biogenic forms and forams.	0	51	26	22								70				30	mica & qtz sand
73-2-452	75-1143	47°14.5' N	60°14.0' W	207	15/10-0448	NE of Cape North	SSb	Till? Organic ring on rocks.	31.9	59.2	6.1	2.8	1.81	0.78	3.30	2.95	-0.07	2.31	10	30	60	30	60	10	80% ss/slate
73-2-453	75-1148	47°18.0' N	60°08.9' W	300	15/10-0522	Cabot Strait	LC	Compact mud. Forams & organic hash.	1.2	30.8	50.2	17.9	4.92	5.18	2.02	1.05	-0.00	6.55	10	10	10	10	10	80	
73-2-454	75-1135	47°21.0' N	60°04.4' W	402	15/10-0605	Cabot Strait	LCc	Red sand. Forams.	0.3	26.2	49.6	25.9	5.15	5.60	2.08	1.95	0.3	2.97	10	60	10	60	30	30	
73-2-455	75-1134	47°22.0' N	60°13.3' W	325	15/10	N of Cape North	SSa	Dark reddish brown mud. Red sand. Forams, shells & wood. 3 attempts.	0.3	60.6	25.2	14	4.23	4.60	1.87	0.80	0.64	5.01	20	60	20	60	20	20	
73-2-456	75-1411	47°18.2' N	60°19.0' W	194	15/10	N of Cape North	SSb	Sand & gravel. Organic growth & sand grains on upper part of pebbles. Shells.	82	17	1	0							10	90	5	70	25	med/ss/Qtz/1 gr pebble	

CRUISE - SACKVILLE - 73-029 : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Time	Geographic Area	Surf Sed Type	Description	Percentages			Mean ϕ	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Sand	Silt						Clay	Well	Mod	Ang	Rnd	Sub-Rnd	

73-2-457	75-1114	47°15.0' N	60°25.5' W	175	15/10	N of Cape North	SSb	Gravel & some mud. Gravel has organics on surface, probably a modified till. Mud line on rocks. Lots of organics. 2 attempts.	97.1	1.2	1.1	0.6	-4.31	2.09	7.45	23.05	90	80	80				vol/lis		
73-2-458	75-1145	47°11.2' N	60°29.0' W	160	15/10	N of Cape North	SSb	Dark red mud & sand with gravel, probably till but even bottom on sounder. Worm tubes & shell frags.	27.3	58.6	7.8	6.2	2.34	1.65	3.42	1.50	-0.12	3.24	10	30	60			cemented cgl/ ss	
73-2-459	75-1115	47°18.4' N	60°29.0' W	73	15/10	N of Cape North	S1Sa	Gravelly sand. Well sorted? 10% forams, scallop shells.	35.7	62.9			2.2	0.89	2.67	2.40	-0.28	1.83	90	80				50% medd/lis	
73-2-460		47°21.5' N	60°24.0' W	77	15/10	N of Cape North	S1Sb	Gravel & a few shells.																	
73-2-461	75-1116	47°23.4' N	60°21.2' W	86	15/10	N of Cape North	S1Sa	Sand with some gravel & shells.	38.7	59.8	0.8	0.6	1.48	0.15	2.89	2.70	-0.14	1.93	80	20	60	20	20	20	qtz & fsp sand/20% 1s/ 10% gr
73-2-462	75-1126	47°26.1' N	60°17.8' W	216	15/10	N of Cape North	SSa	Muddy sand. Few shells, forams.	0.1	87.1	10.5	2.3	3.98	4.05	0.82	0.35	1.71	28.35							
73-2-463	75-1101	47°29.0' N	60°13.8' W	466	15/10	N of Cape North	LCa	Mud. Forams & coal frags.	0.2	9.6	38.0	52.2	8.7	7.35	2.24	1.65	-0.47	3.20	5	5	90	5	90	Iron stained sand	
73-2-464	75-1125	47°30.0' N	60°22.6' W	342	15/10	N of Cape North	SSa	Mud. Angular-med gravel, sub- rounded-angular sands. Wood frags, sponge spics & shells. 10% forams. Including arrow shapes.	0.4	29.8	41.4	28.4	5.25	5.61	2.27	2.40	0.20	2.71							

CRUISE - SACKVILLE - 73-029 : CHIEF SCIENTIST - L. King : SAMPLE TYPE -- Van Veen Bottom Grab

Station #	Grain size Sample #	Latitude	Longitude	Water Depth (m)	Date/Off	Geographic Area	Surf Sed Type	Description	Percentages			Mean Ø	Std Dev	Quart Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies
									Grav	Sand	Silt						Clay	Well	Mod	Ang	Rnd	Sub-Rnd	

75-2-465	75-1111	47°25.5' N	60°28.2' W	88	15/10-1454	N of Cape North	SLSa	Sand (brown & well sorted). Small amount of organics. 2 attempts.	0.4	95.6	2.3	1.74	3.55	3.54	0.97	0.50	0.71	18.61	80	15				60% red ss
75-2-466	75-1412	47°39.0' N	60°28.8' W	177	15/10-1604	N of Cape North	SSa	Sand. Few forams & coal frags.	0	91	6	2							5	90	5			qtz sand
75-2-467	75-1119	47°39.4' N	60°25.0' W	417	15/10-1650	N of Cape North	LSa	Mud. Iron on sand. Few forams.	0	17.4	39.4	45.1	7.78	6.61	2.46	2.30	-0.19	2.14						80 qtz sand
75-2-468	75-1099	47°45.8' N	60°29.0' W	300	15/10-1745	N of Cape North	SSa	Mud. Fine red sand. Sponges, coal & few forams. 3 attempts.	0.1	61.3	21.6	17.1	4.05	4.55	2.27	1.70	0.48	3.06	10	10				80
75-2-469	75-1120	47°50.0' N	60°29.0' W	402	15/10	N of Cape North	SSa	Silty clay with some sand, (re stain). Forams. 2 attempts.	2.3	54.2	18.3	25.2	4.22	4.74	2.65	2.60	-0.01	3.50	90	10	20			70 qtz sand
75-2-470	75-1105	47°50.0' N	60°00.0' W	480	15/10	Laurentian Channel	LSa	Dark greyish brown silty clay. Organic hash, many forams.	0	2.22	42.9	54.9	8.86	7.76	1.78	1.35	-0.46	3.60						pyrite cubes
75-2-471	75-1123	47°49.9' N	59°52.3' W	351	15/10	NW Laurentian Oml	LSb	Mud. Forams, hash & wood frags.	0	32.8	47	20.2	5.00	5.39	1.94	1.50	0.48	3.09						80 qtz & fsp sand
75-2-472	47°49.4' N	59°28.2' W	137	15/10	SW tip of Nfid	SSb	Small poor sample. Gravel with organic covering.																	
75-2-473	47°49.0' N	59°22.9' W	31	16/10	SW tip of Nfid		No sample, probably rock bottom.																	
75-2-474	75-1413	47°47.7' N	59°25.0' W	60	16/10	SW tip of Nfid	SLSb	High gravel content, some granules. Lithofacies. 40% calc debris.	88	9	2								10	65	5	30	70	mesd/qtz/gr

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									Grav	Sand	Silt/Clay						Well	Mod	Ang	Rnd	Sub-Rnd	Ang	
75-2-475	47°47.0' N 59°26.8' W 132	16/10	SW tip of Nfid	SS	Pebbles, granules & trace of sand. 2 afterpts, jaws open, most sand lost. 10-15% spicules, forams, shelly frags.	97	2	0.5	0	5	5	50	50	50	50	0	5	5	50	50	50	meed/mica/gr	
75-2-476	47°41.5' N 59°34.9' W 400	16/10	SW tip of Nfid	SSD	Pebbles to clay. High mud content. Broken shells.	15.4	59.6	15.5	9.5	3.69	2.97	3.20	1.15	-0.27	3.31	5	20	75	80	20	20	meed/vol/gr	
75-2-477	47°51.0' N 59°41.4' W 494	16/10-0559	SW tip of Nfid	L0c	Mud. 6 shale rocks also in sample which may contain organics or grapholites - green to blue. Gray shale. Red sand. Forams.	3.6	38.1	24.9	35.4	5.55	5.29	3.20	2.9	-0.25	3.31	50	25	25	25	25	25		
75-2-478	47°29.5' N 59°52.0' W 497	16/10-0502	Laurentian Channel	L0c	Mud. Forams.	0	1.7	35.0	65.2	9.24	8.18	1.56	1.05	-0.73	6.09	20	20	20	20	20	20		
75-2-479	47°43.0' N 59°24.0' W 135	16/10	SW tip of Nfid	S5a	Fine muddy sand. One shell & frags.	3.0	88.6	6.4	2.0	3.79	3.58	1.58	0.40	-1.26	17.24	10	80	10	80	10	90		
75-2-480	47°44.5' N 59°22.0' W 53	16/10	SW tip of Nfid	S1Sb	2 afterpts, jaws open. Some sand & red covered pebbles, probably a predominantly gravel bottom.																		
75-2-481	47°39.5' N 59°20.5' W 82	16/10	SW tip of Nfid	S1Sb	Station abandoned as ship drifting to starboard. Pressure rocky bottom. 2 afterpts.																		
75-2-482	47°51.6' N 59°23.0' W 245	16/10	SW tip of Nfid	S5a	Fine sand & grey mud, (may have been washed out). Forams.	0.1	95.6			2.99	3.01	0.54	0.35	-0.23	9.15	10	80	10	80	10	10		

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Station #	Grain-size Sample #	Latitude	Longitude	Water Depth (m)	Date/GMT	Geographic Area	Surf Sed Type	Description	Percentages			Median ϕ	Std Dev	Quant Dev	Skew	Kurt	Gravel Roundness			Sand Roundness			Lithologies					
									Grav	Sand	Silt						Clay	Well	Mod	Ang	Rnd	Sub-Rnd		Ang				
75-2-483	75-1144	47°53.0' N	59°29.9' W	433	16/70	SW tip of Nfld	SSD	Pebbles to clay. Tillit	12.0	68.4	9.7	9.8	2.97	2.95	1.15	-0.21	4.76											
75-2-484	75-1133	47°21.1' N	59°24.0' W	457	16/70	Cobot Strait	LCC	Mud with 2 pebbles, possibly ice rafted. Forams.	1.0	48.4	21.9	28.8	4.57	5.19	2.66	2.75	0.17	2.28	50	30	20	20	20	60				
75-2-485	75-1084	47°25.4' N	59°18.3' W	415	16/70	SW tip of Nfld	SSD	Jaws open. Sandy Tillit. Forams.	35.7	52.5	5.7	6.0	2.37	1.05	3.83	2.95	-0.05	2.37	5	30	65	10	30	60	vol/Qtz/gr/SS			
75-2-486	75-1068	47°29.8' N	59°11.9' W	241	16/70	SW tip of Nfld	SSD	Tillit. High gravel content.	10.0	82.0	5.8	2.2	2.55	2.25	2.27	0.90	-0.28	5.31										
75-2-487	75-1067	47°04.9' N	59°01.0' W	439	16/70-1639	Laurentian Channel	LCC	Mud. Many forams. Coal frags, large shells & frags.	1.2	15.6	40.8	42.4	7.91	6.75	2.57	2.15	-0.52	4.48							5	gr/SS/Qtz/vol		
75-2-488	75-1065	46°59.0' N	57°42.5' W	369	17/70	Mouth of Hermitage Channel	Lob	Grey-brown silty clay with sand grains. Taken from silty part of clay unit on east side of Channel. 50% forams.	0.5	17.6	47.4	34.5	7.15	6.44	2.40	2.15	-0.25	2.75								5	gr/Qtz/vol/SS	
75-2-489	75-1138	46°17.8' N	58°55.0' W	276	16/70-1538	Laurentian Channel	Lob	Mud. Forams, organic hash & sponge spicules.	0	12	60.6	27.5	6.35	6.53	1.95	2.00	0.09	2.40								20	20	60
75-2-490	75-1100	46°15.2' N	58°57.2' W	166	17/70-1624	E of St. Anne's Bk	SSa	Dark reddish brown sandy mud. 2 attempts.	1.8	73.0	16.4	8.9	3.60	3.76	1.95	0.90	0.43	5.75	10	10	80	20	50	30				
75-2-491	75-1102	46°12.0' N	59°05.2' W	135	17/70-1726	E of St. Anne's Bk	SSb	Sand in silt & clay. Worm tubes.	0	67.8	24.6	7.7	3.98	4.18	1.57	0.75	0.85	6.74								30	20	50