GSC Open File Report - Atlantic Geoscience Centre

An Index to Samples Collected by the Atlantic Geoscience Centre for 1986

GSC Project 830053

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GSC Open File # 1413

*** Geological Survey of Canada Contribution No. _____***

* Fisher Information Systems;

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ABSTRACT

The Atlantic Geoscience Centre (AGC) at the Bedford Institute of Oceanography (BIO) is responsible for providing and assisting with the procurement and curation of core, dredge, grab and other marine geological samples routinely collected onboard government oceanographic/hydrographic survey vessels off the East Coast of Canada and High Arctic, and from Geological Survey of Canada field parties conducted on onshore Eastern Canada by AGC staff.

One important mandate of the Geological Survey of Canada is to protect all such fundamental resources for future geoscientific research. To meet this commitment, the Data Section of Program Support Subdivision at AGC maintains all soft sediment marine samples within the confines of a 5000 square foot core repository located at BIO. In 1986, 13 sampling cruises and 3 field programs obtained samples from more than 626 locations with more than 990 meters of core recovered. A Sample Management System on the BIO Cyber mainframe using System 2000 DBMS, provides direct access to the storage location, procurement, sampling history and processing for the samples. Plots of the samples obtained in 1986 are included at an approximate scale of 1:1,000,000, 1:6,000,000 and 1:9,000,000. Original scales have been modified slightly by a Zeta 8 plotter.

INTRODUCTION

Data Section is a part of the Program Support Subdivision (PSS) of the Atlantic Geoscience Centre. This group provides the safe archiving and cataloguing of the Atlantic Geoscience Centre's Data Collections and holdings acquired during any given field season. This report provides an index to those samples collected onboard oceanographic vessels, from onshore field parties and from joint sampling projects (Figures 1-6) conducted by or for AGC staff in 1986. The initiation and implementation of a Sample Management Data Base, acronym SID during 1984 has permitted all of the incoming samples from the field to be documented for publication.

The 1986 cruise station information has also been submitted to the National Geophysical Data Centre (NGDC), in Boulder, Colorado for inclusion with the Worldwide Marine Geological Data Base. This is an interactive inventory information data base on marine sediment and hard rock samples from the ocean floor worldwide.

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DATA SOURCES

The information gathered together for this index has been many derived from cruise sample sheets and digital information managed on micro-computer based software, that must be submitted upon termination of any given AGC field trip or cruise. This information is checked and verified upon receipt of the sample material for curation at BIO and includes: location of sample, collector and ship, geographic area, longitude and latitude coordinates, GSC project number, water depth (m), total length (cm) and time of collection. The purpose of each sampling program has also been included for convenience. The data has been compiled on a Sample Management System on the BIO Cyber mainframe using System 2000. The introduction of a new data base management system dBase III implemented in 1986 has provided AGC staff with a means of direct reporting of sample procurement, sampling history/processing and storage while in the field. Each on-line parameter started and stopped can be utilized as a direct entry into the SID multiparameter data base for station plots, cruise tracks by day/time etc. Appendix 1 outlines the data recorded for each sample in the Sample Information data base (SID). Sample entries for the 1986 field season have been ordered according to cruise number.

This information is routinely updated from the time of initial data entry. All processing and subsampling of curated sediments must be approved prior to accessing the sample material. An AGC subsample chit (Appendix 2) is generated on these occasions and authorized by the AGC Curator before sampling can commence. In this way a record of subsampling and analyses can be documented, recorded and subsequently updated within a given period of time.

The Sample Information Data Base presently contains site specific information on more than 15,000 geological samples collected by the Atlantic Geoscience Centre since 1961.

SAMPLE DATA REQUESTS

Requests for AGC sample data availability should be directed to the Director, Atlantic Geoscience Centre, Bedford Institute of Oceanography, P.O.Box 1006, Dartmouth, Nova Scotia, Canada B2Y 4A2. Plots of the sample locations within specified boundaries can also be directed to the Data Management Section (PPS), Atlantic Geoscience Centre at the above address or phone (902)426-3410.

Figures

Figure 1 Grab Samples - Eastern Canada

1 to 6 million

GRAB SAMPLES

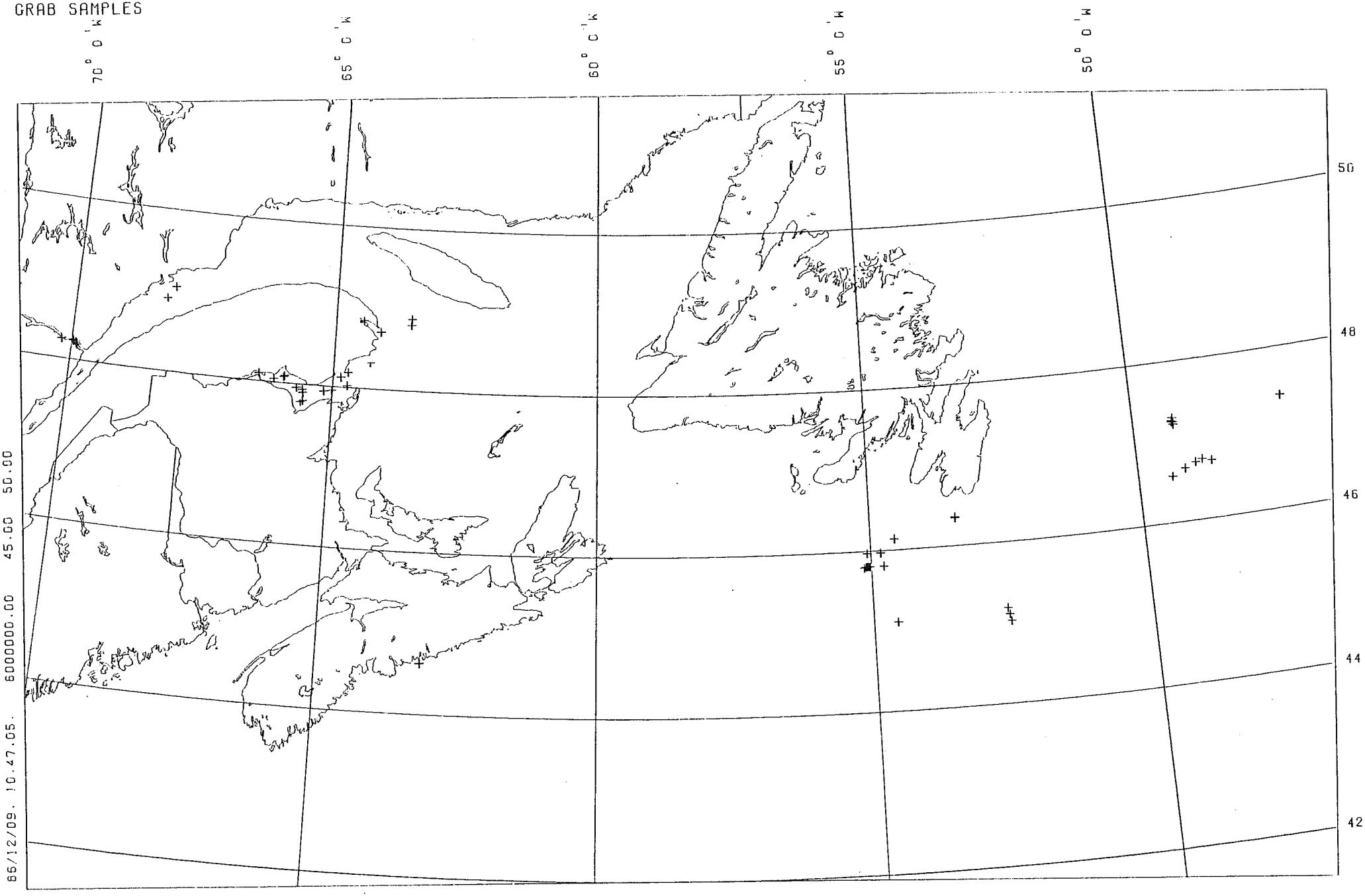

Figure 2 Core Samples - Eastern Canada

1 to 6 million

CORE SAMPLES

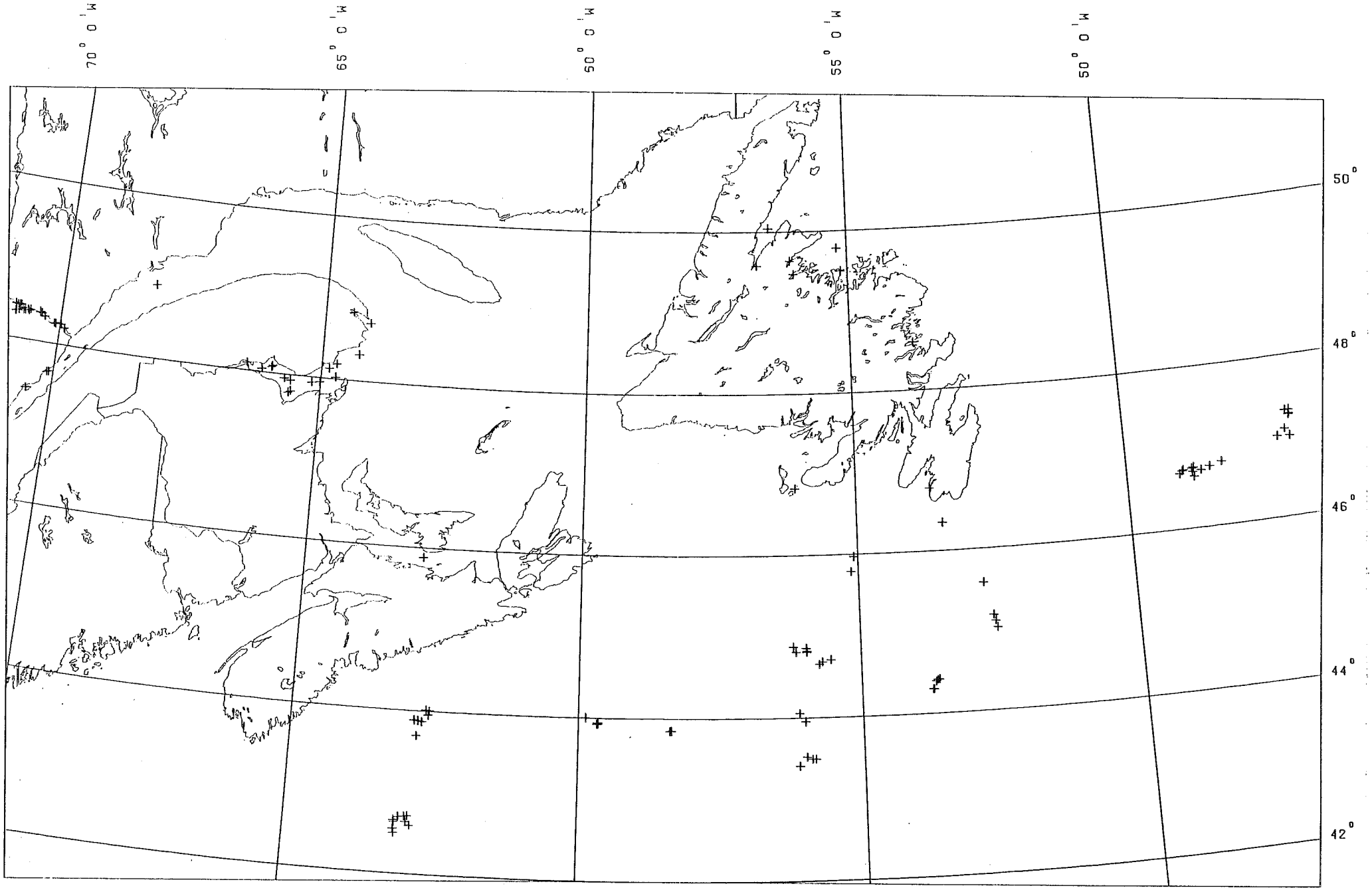

Figure 3 Sand and Peat Samples
Eastern Canada

1 to 6 million

SAND AND PEAT SAMPLES

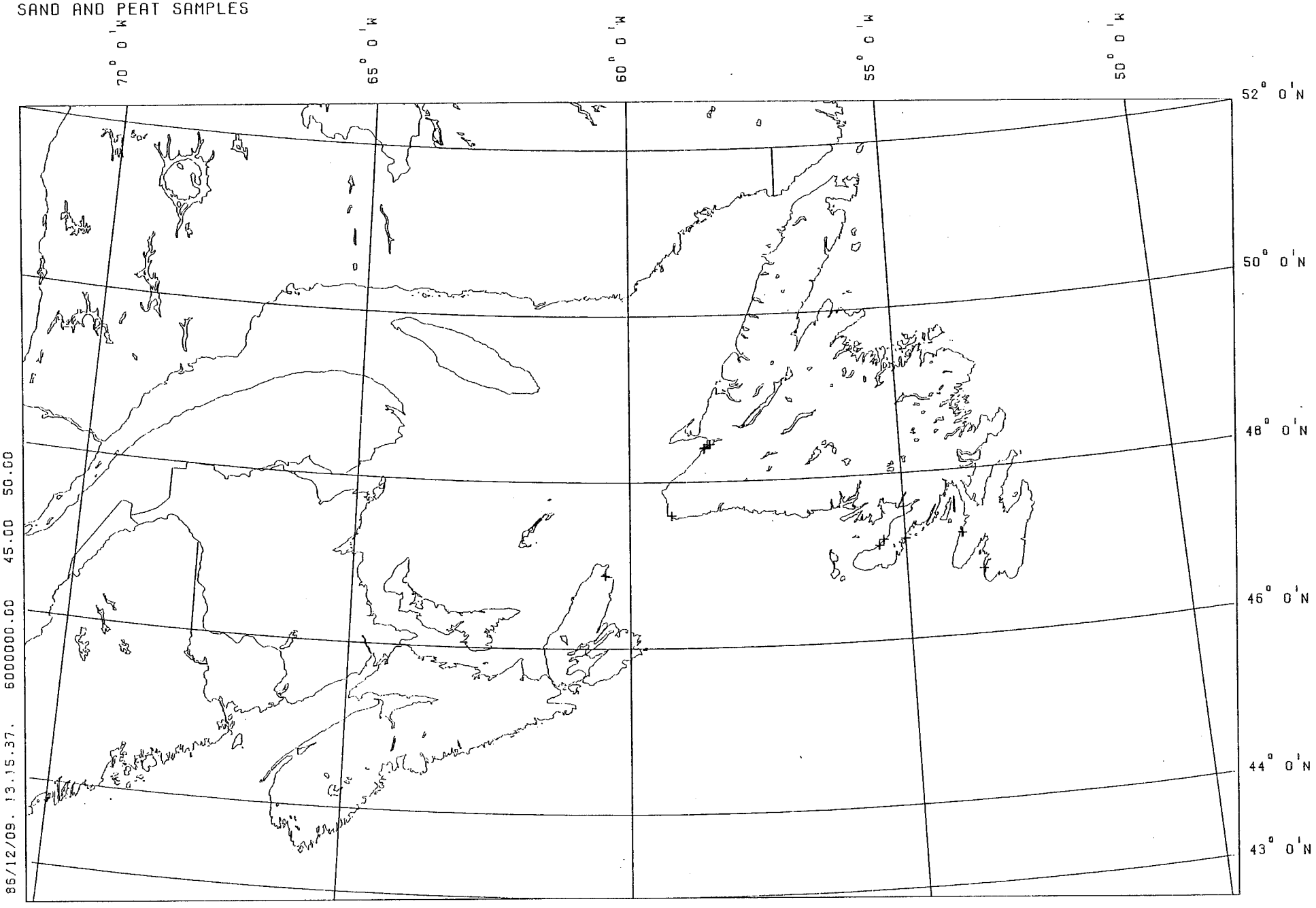

Figure 4 Core Samples Labrador Shelf and Hudson Bay

1 to 9 million

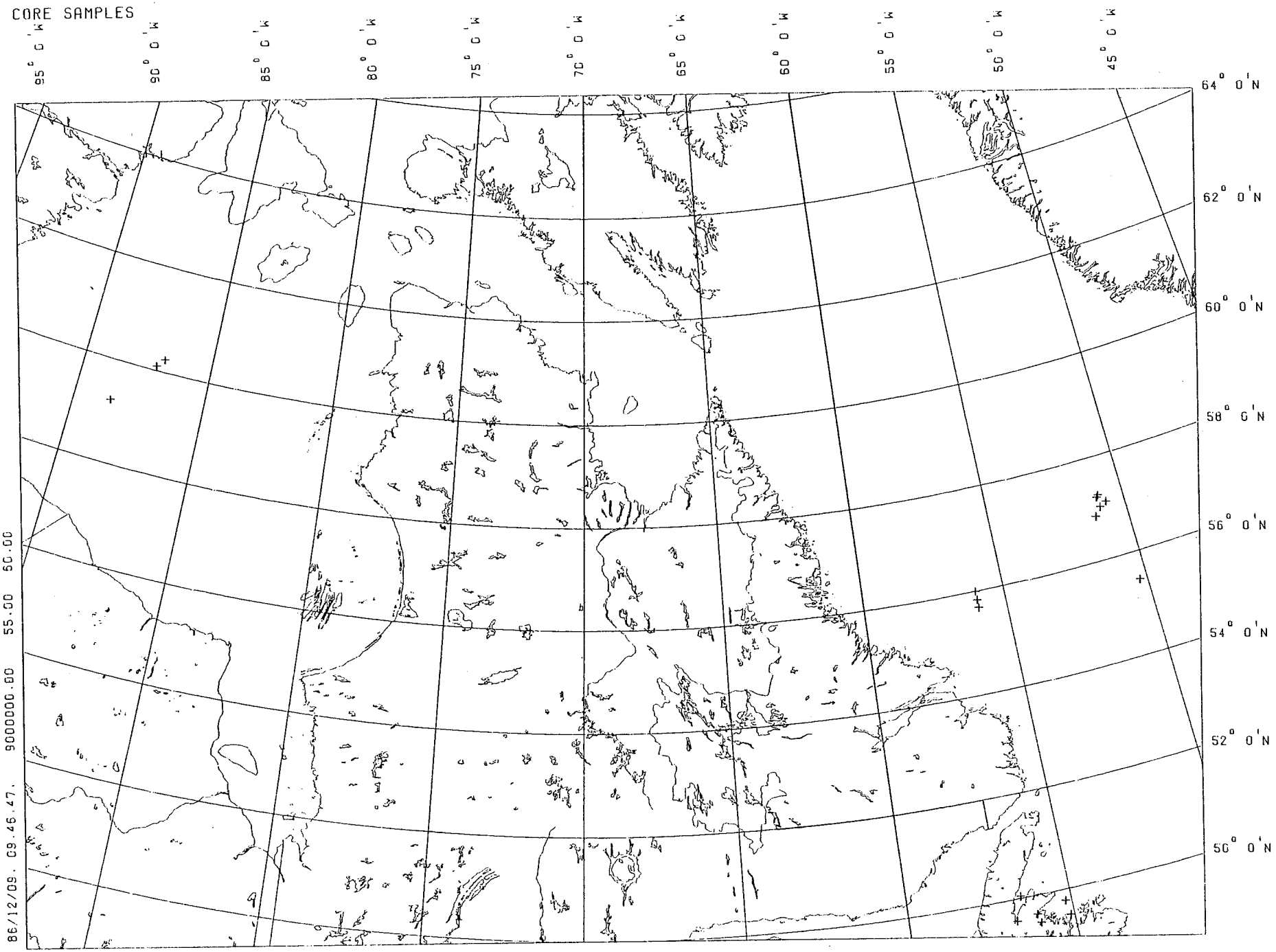
CORE SAMPLES
95° 0'W
90° 0'W
85° 0'W
80° 0'W
75° 0'W
70° 0'W
65° 0'W
60° 0'W
55° 0'W
50° 0'W
45° 0'W
64° 0'N
62° 0'N
60° 0'N
58° 0'N
56° 0'N
54° 0'N
52° 0'N
50° 0'N
86/12/09. 09.46.47. 9000000.00 55.00 60.00

Figure 5 Grab Samples Hudson Strait and Hudson Bay

1 to 9 million

GRAB SAMPLES

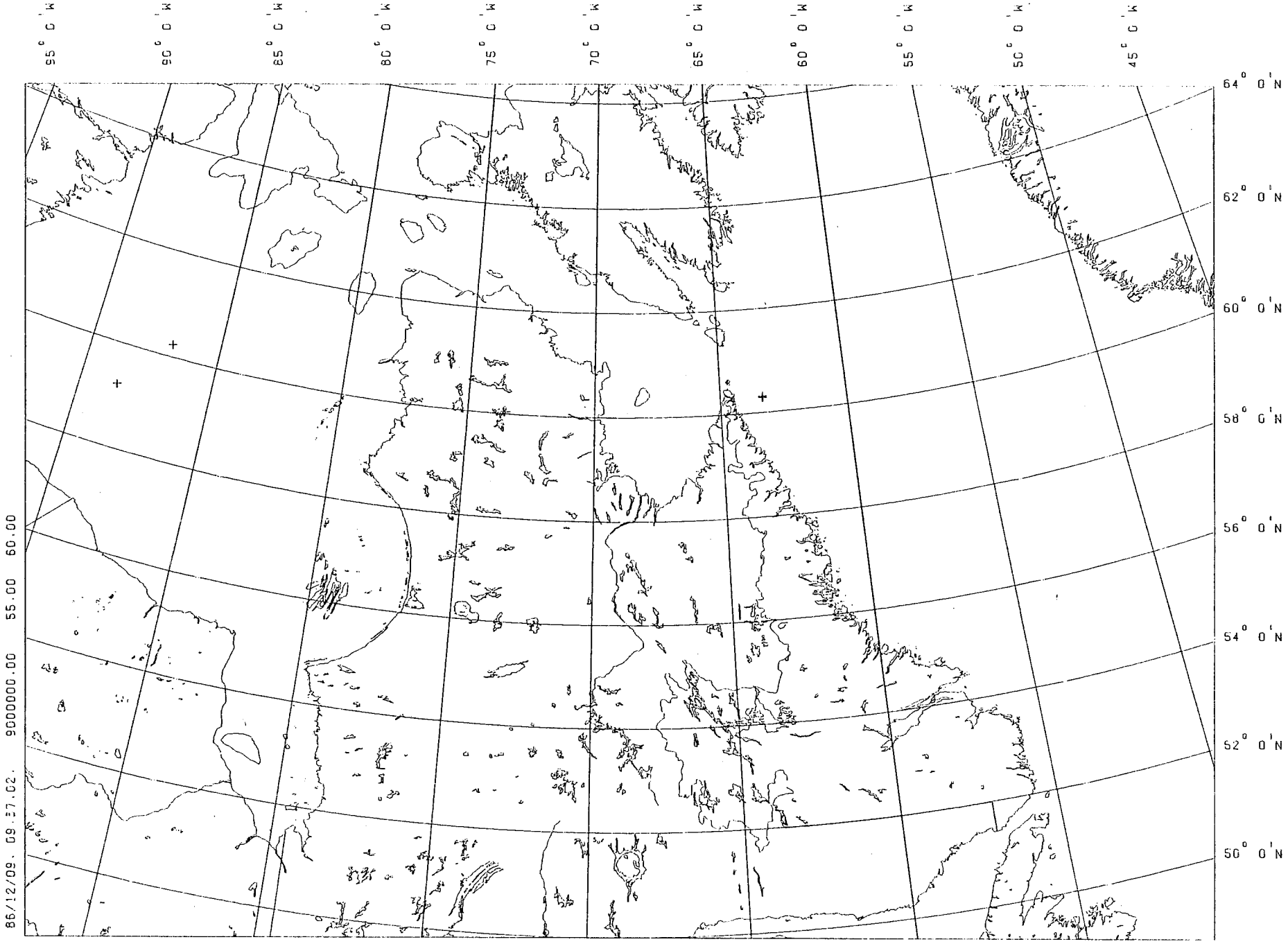

Figure 6 Dredge Samples Ice Island 86200 NNW of Bukken and Arland Fjords Northern Axel Heiberg Island

1 to 1 million

DREDGE SAMPLES

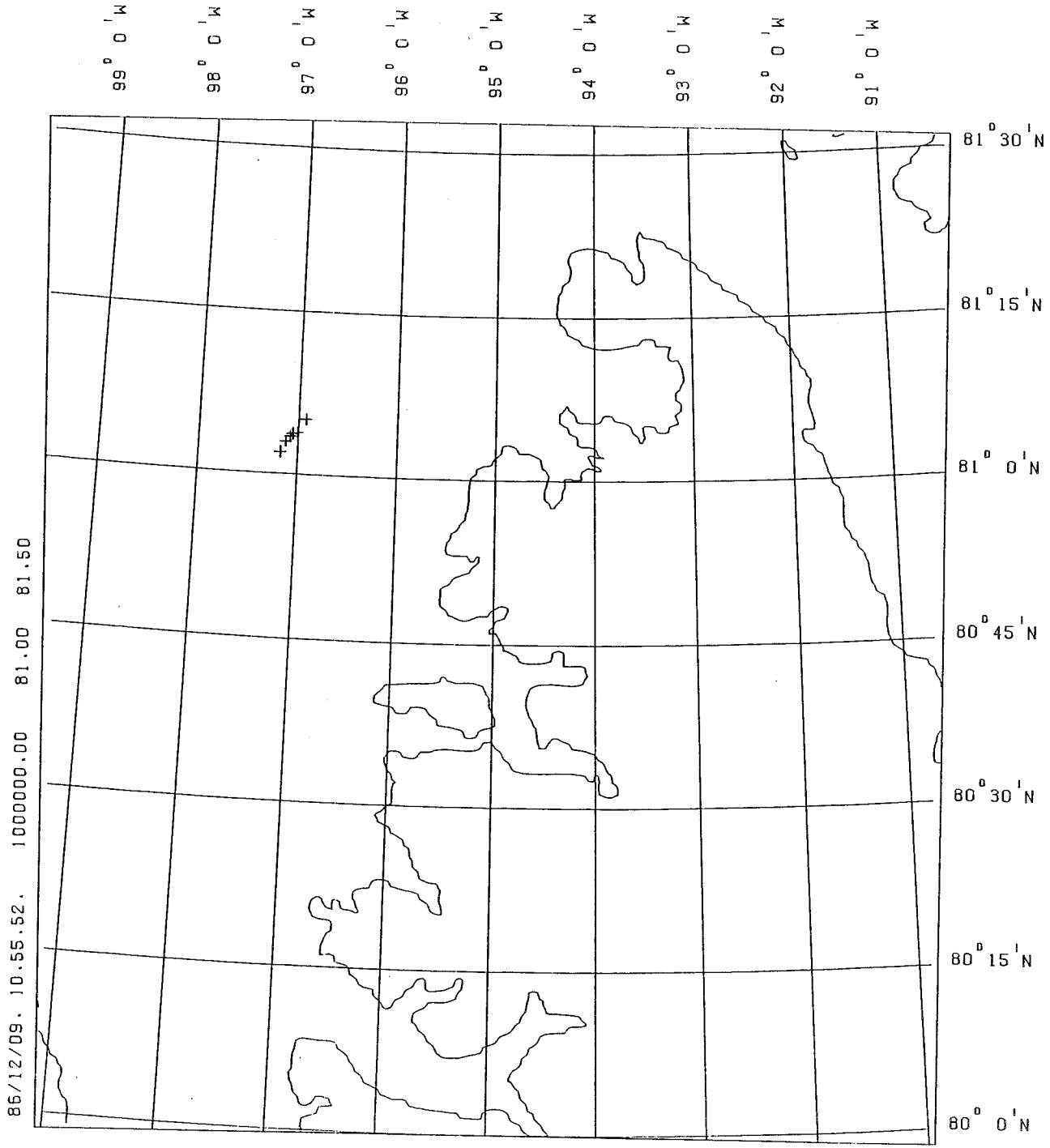

Figure 7 Grab Samples Ice 86200
Arctic Island Channels
86027
NE Baffin Bay 86023

1 to 6 million

GRAB SAMPLES
80° 0'N
78° 0'N
76° 0'N
74° 0'N
72° 0'N
71° 0'N
50° 0'W
55° 0'W
60° 0'W
65° 0'W
70° 0'W
75° 0'W
80° 0'W
85° 0'W
90° 0'W
95° 0'W
100° 0'W
105° 0'W
110° 0'W
115° 0'W
120° 0'W
125° 0'W
86/12/09. 09.48.29.
6000000.00
75.00
80.00

Figure 8 Core Samples Ice 86200
Arctic Island Channels
86027
NE Baffin Bay 86023

1 to 6 million

80° 0'N
78° 0'N
76° 0'N
74° 0'N
72° 0'N
71° 0'N
50° 0'W
55° 0'W
60° 0'W
65° 0'W
70° 0'W
75° 0'W
80° 0'W
85° 0'W
90° 0'W
95° 0'W
100° 0'W
105° 0'W
110° 0'W
115° 0'W
120° 0'W
125° 0'W
CORE SAMPLES
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Figure 9 Core Samples Laurentian Fan

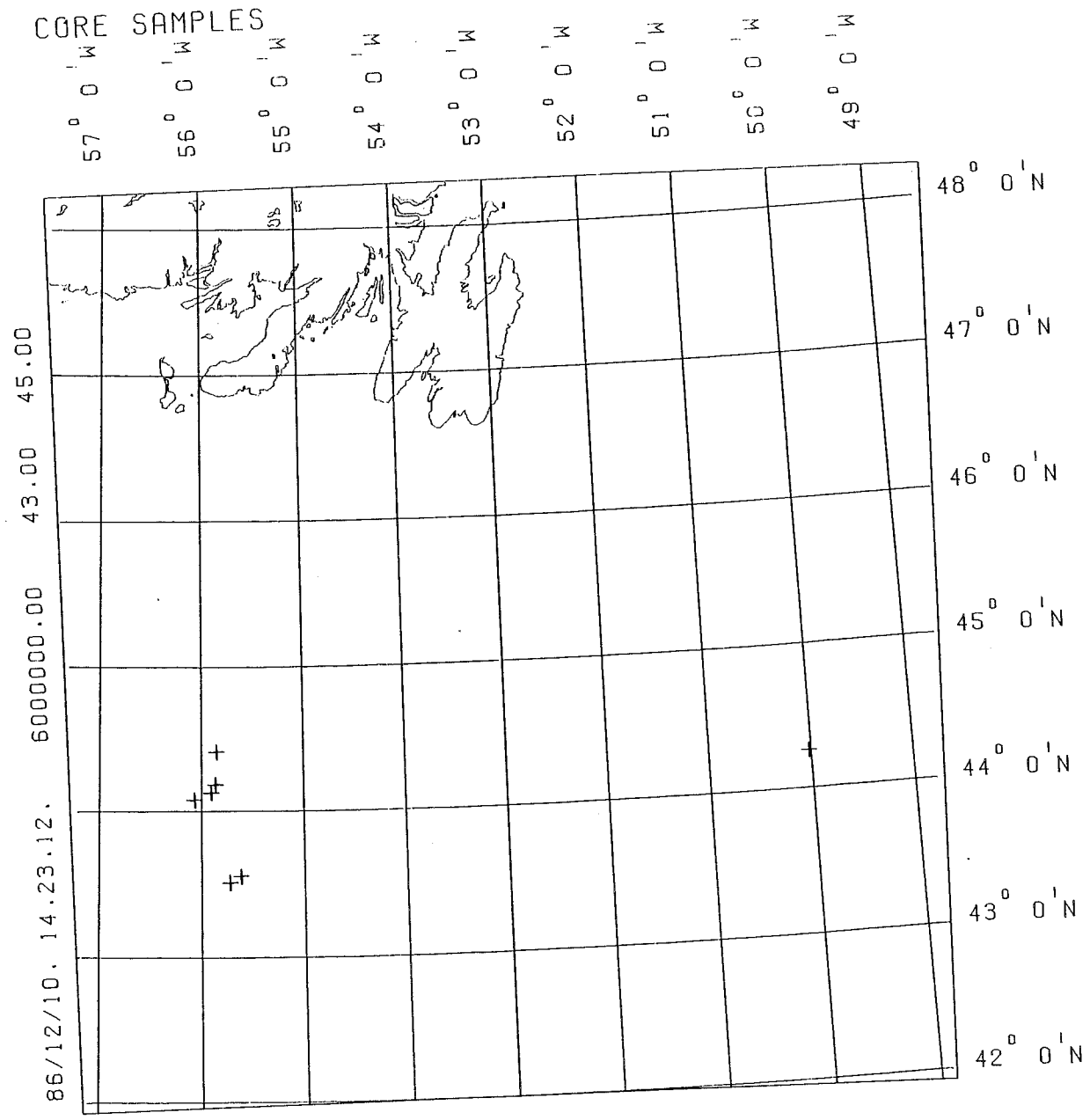
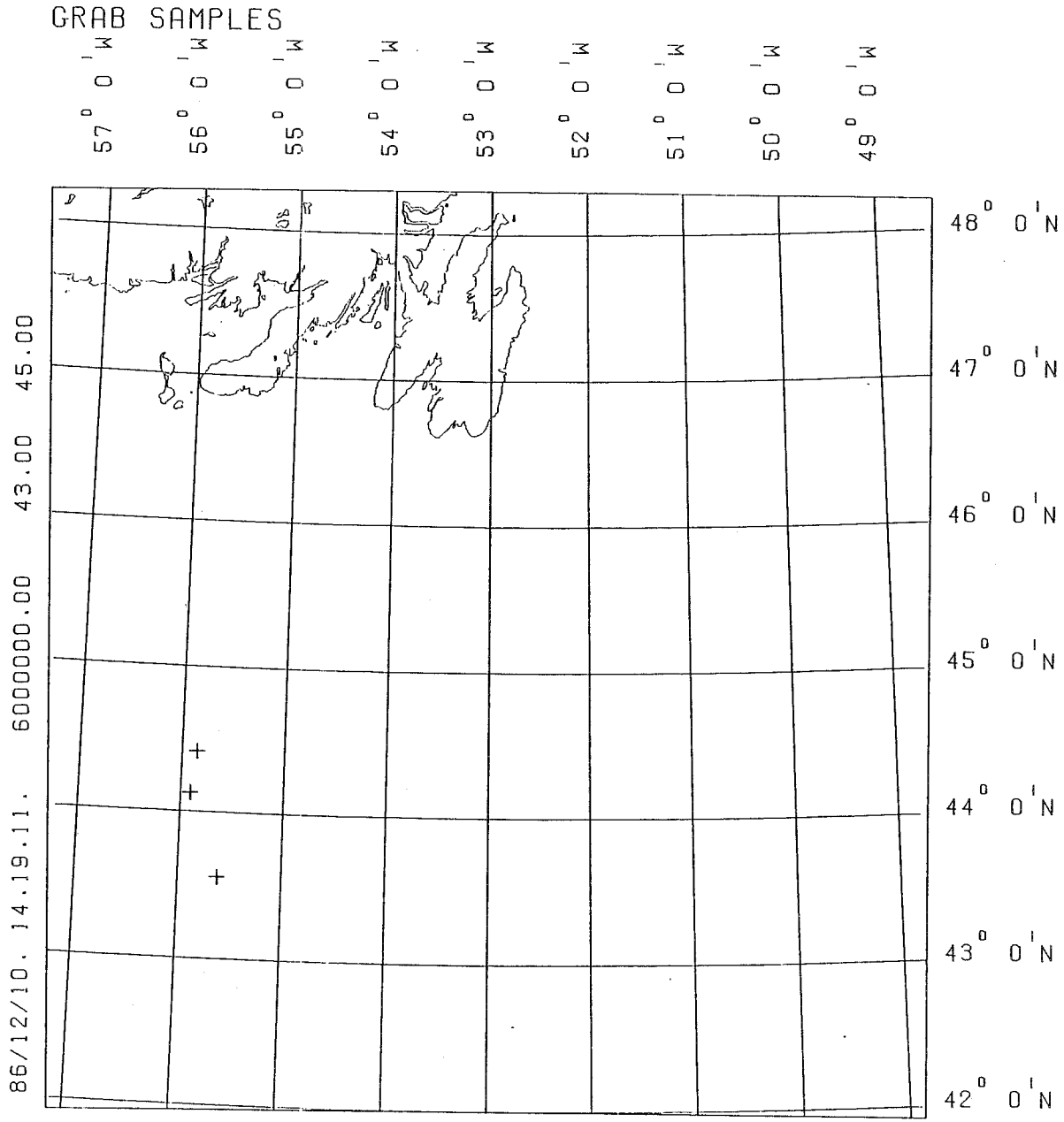

CORE SAMPLES
57° 0' W
56° 0' W
55° 0' W
54° 0' W
53° 0' W
52° 0' W
51° 0' W
50° 0' W
49° 0' W
48° 0' N
47° 0' N
46° 0' N
45° 0' N
44° 0' N
43° 0' N
42° 0' N
45.00
43.00
6000000.00
86/12/10. 14.23.12.

Figure 10 Grab Samples Laurentian Fan

Figure 10 Grab Samples Laurentian Fan


GRAB SAMPLES
57° 0'W
56° 0'W
55° 0'W
54° 0'W
53° 0'W
52° 0'W
51° 0'W
50° 0'W
49° 0'W
48° 0'N
47° 0'N
46° 0'N
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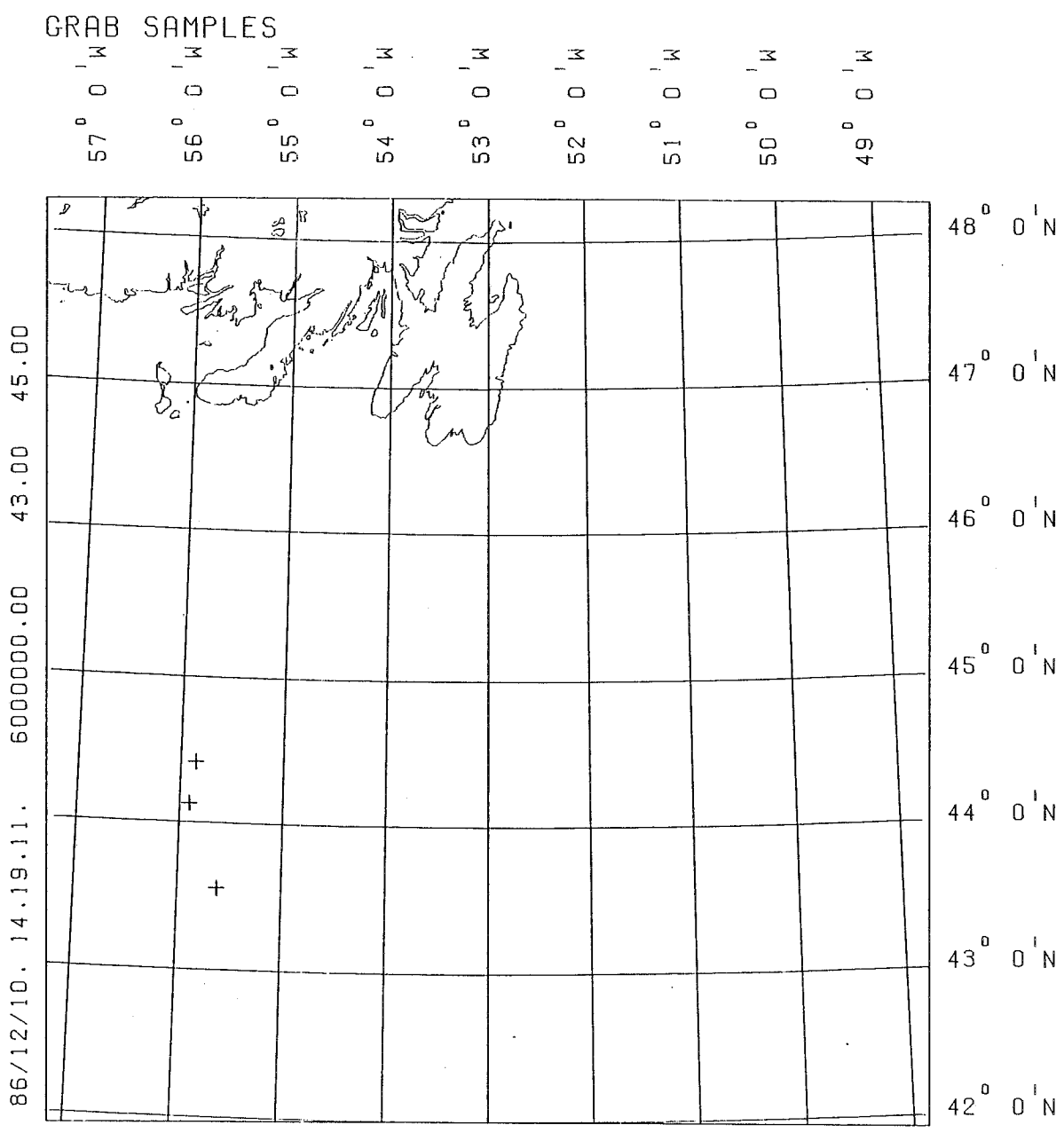
45.00
43.00
6000000.00
86/12/10. 14.19.11.


GRAB SAMPLES
57° 0'W
56° 0'W
55° 0'W
54° 0'W
53° 0'W
52° 0'W
51° 0'W
50° 0'W
49° 0'W
48° 0'N
47° 0'N
46° 0'N
45° 0'N
44° 0'N
43° 0'N
42° 0'N
86/12/10. 14.19.11. 6000000.00 43.00 45.00

Purpose : The cruise was devoted to the investigation of the deep crustal structure beneath Orphan Basin and the adjacent continental margin by seismic refraction. En route to the study area, piston cores were obtained from the southwestern slope of the Grand Banks.

*	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86013	001	44 18' 13"	- 53 44' 57"	PIPER,D.,REID,I. /HUDSON	LAURENTIAN FAN (NORTHCORE WELL SITE)	1614.00	149	CORE	TRIGGER WEIGHT	143.0
*	86013	001	44 18' 13"	- 53 44' 57"	PIPER,D.,REID,I. /HUDSON	LAURENTIAN FAN NORHTCORE WELL SITE)	1614.00	149	CORE	PISTON	1124.0
*	86013	002	44 18' 22"	- 53 44' 35"	PIPER,D.,REID,I. /HUDSON	LAURENTIAN FAN (NORTHCORE WELL SITE)	1578.00	149	CORE	TRIGGER WEIGHT	155.0
*	86013	002	44 18' 22"	- 53 44' 35"	PIPER,D.,REID,I. /HUDSON	LAURENTIAN FAN (NORTHCORE WELL SITE)	1578.00	149	CORE	PISTON	1162.0
*	86013	003	44 18' 21"	- 53 44' 17"	PIPER,D.,REID,I. /HUDSON	LAURENTIAN FAN (NORTHCORE WELL SITE)	1574.00	149	CORE	PISTON	1132.0
*	86013	003	44 18' 21"	- 53 44' 17"	PIPER,D.,REID,I. /HUDSON	LAURENTIAN FAN (NORTHCORE WELL SITE)	1574.00	149	CORE	TRIGGER WEIGHT	152.0
*	86013	004	44 24' 17"	- 53 41' 30"	PIPER,D.,REID,I. /HUDSON	SLOPE SOUTH OF WHALE BANK	1200.00	149	CORE	PISTON	986.0
*	86013	004	44 24' 17"	- 53 41' 30"	PIPER,D.,REID,I. /HUDSON	SLOPE SOUTH OF WHALE BANK	1200.00	149	CORE	TRIGGER WEIGHT	237.0
*	86013	005	44 25' 18"	- 53 39' 53"	PIPER,D.,REID,I. /HUDSON	SLOPE SOUTH OF WHALE BANK	900.00	149	CORE	PISTON	1134.0
*	86013	005	44 25' 18"	- 53 39' 53"	PIPER,D.,REID,I. /HUDSON	SLOPE SOUTH OF WHALE BANK	900.00	149	CORE	TRIGGER WEIGHT	127.0
*	86013	006	44 25' 41"	- 53 38' 5"	PIPER,D.,REID,I. /HUDSON	SLOPE SOUTH OF WHALE BANK	600.00	149	CORE	PISTON	998.0
*	86013	006	44 25' 41"	- 53 38' 5"	PIPER,D.,REID,I. /HUDSON	SLOPE SOUTH OF WHALE BANK	600.00	149	CORE	TRIGGER WEIGHT	142.0

Purpose : To study the paleoenvironment of the northern Gulf of St. Lawerence and Jacques Cartier Strait by INRS, Rimouski.

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86016	SJ-1	48 14' 35"	- 70 10' 58"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD	0.00	174	GRAB	TROWEL	
* 86016	SJ-2	48 14' 35"	- 70 10' 58"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	174	GRAB	TROWEL	
* 86016	SJ-3	48 14' 35"	- 70 10' 58"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	174	GRAB	TROWEL	
* 86016	SM10A	48 14' 52"	- 69 57' 44"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	1.00	174	CORE	PUSHCORE	78.0
* 86016	SM10B	48 14' 52"	- 69 57' 44"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	1.00	174	CORE	PUSHCORE	57.0
* 86016	SM-1	48 15' 6"	- 69 58' 5"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	1.00	174	GRAB	LINER	
* 86016	SM-10	48 14' 52"	- 69 57' 44"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	1.00	174	GRAB	TROWEL	
* 86016	SM-2	48 15' 15"	- 69 57' 45"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	174	GRAB	TROWEL	
* 86016	SM-3	48 15' 15"	- 69 57' 45"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	174	GRAB	TROWEL	
* 86016	SM-4	48 15' 15"	- 69 57' 45"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	174	GRAB	TROWEL	
* 86016	SM-5	48 15' 15"	- 69 57' 45"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	174	GRAB	TROWEL	
* 86016	SM-6	48 15' 11"	- 69 57' 46"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	174	GRAB	TROWEL	
* 86016	SM-7	48 15' 11"	- 69 57' 46"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	174	GRAB	TROWEL	
* 86016	SM-8	48 15' 11"	- 69 57' 47"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	1.00	174	GRAB	TROWEL	
* 86016	SM-9	48 15' 11"	- 69 57' 54"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	1.00	174	GRAB	TROWEL	

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86016	001	47 24' 44"	- 70 27' 8"	SYVITSKI,J./ DAWSON	PASSAGE DE ISLE COUDRE	64.00	168	CORE	PISTON	551.0
*	86016	001TWG	47 24' 44"	- 70 27' 8"	SYVITSKI,J./ DAWSON	PASSAGE DE ISLE COUDRE	64.00	168	CORE	TRIGGER WEIGHT	0.0
*	86016	003A	47 39' 4"	- 70 3' 54"	SYVITSKI,J./ DAWSON	LA MALBAIE	46.00	168	CORE	PISTON	0.0
*	86016	003B	47 39' 4"	- 70 3' 54"	SYVITSKI,J./ DAWSON	LA MALBAIE	46.00	168	CORE	LEHIGH	66.0
*	86016	004	47 38' 35"	- 70 6' 6"	SYVITSKI,J./ DAWSON	LA MALBAIE	33.00	168	CORE	LEHIGH	0.0
*	86016	005A	48 20' 31"	- 70 50' 49"	SYVITSKI,J./ DAWSON	BAIE DES HA HA	115.00	169	CORE	LEHIGH	156.0
*	86016	005B	48 20' 31"	- 70 50' 49"	SYVITSKI,J./ DAWSON	BAIE DES HA HA	115.00	169	CORE	LEHIGH	170.0
*	86016	006	48 21' 11"	- 70 47' 43"	SYVITSKI,J./ DAWSON	BAIE DES HA HA	150.00	169	CORE	LEHIGH	200.0
*	86016	007	48 22' 22"	- 70 46' 32"	SYVITSKI,J./ DAWSON	BAIE DES HA HA	142.00	169	CORE	LEHIGH	223.0
*	86016	008	48 19' 59"	- 70 50' 30"	SYVITSKI,J./ DAWSON	BAIE DES HA HA QUEBEC	82.00	170	ROV	DART.	
*	86016	009A	48 21' 42"	- 70 42' 31"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	216.00	170	CORE	LEHIGH	103.0
*	86016	009B	48 21' 11"	- 70 42' 20"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	219.00	171	CORE	LEHIGH	73.0
*	86016	009C	48 21' 18"	- 70 42' 20"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	219.00	171	CORE	LEHIGH	208.0
*	86016	010	48 22' 3"	- 70 37' 23"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	249.00	170	CORE	LEHIGH	244.0
*	86016	011	48 20' 50"	- 70 47' 38"	SYVITSKI,J./ DAWSON	BAIE DES HA HA	142.00	172	CORE	PISTON	447.0
*	86016	012	48 20' 59"	- 70 48' 0"	SYVITSKI,J./ DAWSON	BAIE DES HA HA	146.00	172	CORE	PISTON	236.0
*	86016	013	48 19' 55"	- 70 51' 22"	SYVITSKI,J./ DAWSON	BAIE DES HA HA	73.00	172	CORE	PISTON	511.0

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86016	014	48 25' 17"	- 70 52' 11"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD QUEBEC	130.00	172	ROV	DART.	
* 86016	014A	48 25' 18"	- 70 52' 18"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD	38.00	171	CORE	LEHIGH	214.0
* 86016	014B	48 25' 2"	- 70 51' 33"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD	60.00	171	CORE	LEHIGH	255.0
* 86016	016A	48 24' 53"	- 70 46' 56"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD	62.00	171	CORE	LEHIGH	193.0
* 86016	016B	48 24' 38"	- 70 46' 56"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD	113.00	171	CORE	PISTON	399.0
* 86016	017	48 24' 55"	- 70 45' 30"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD	128.00	173	CORE	PISTON	388.0
* 86016	018	48 21' 24"	- 70 35' 55"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	186.00	173	CORE	PISTON	334.0
* 86016	019	48 22' 49"	- 70 43' 1"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	111.00	173	CORE	PISTON	456.0
* 86016	020	48 22' 46"	- 70 43' 0"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD QUEBEC	192.00	171	ROV	DART.	
* 86016	021A	48 24' 37"	- 70 49' 9"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD	91.00	172	CORE	PISTON	515.0
* 86016	021B	48 24' 40"	- 70 49' 10"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD	91.00	172	CORE	PISTON	428.0
* 86016	022	48 21' 15"	- 70 40' 12"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	124.00	172	CORE	PISTON	550.0
* 86016	023	48 21' 31"	- 70 40' 18"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	200.00	172	CORE	PISTON	432.0
* 86016	024	48 22' 3"	- 70 44' 35"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD	183.00	172	CORE	PISTON	529.0
* 86016	025	48 22' 11"	- 70 34' 22"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	252.00	173	CORE	PISTON	441.0
* 86016	026	48 24' 34"	- 70 50' 13"	SYVITSKI,J./ DAWSON	SAGUENAY FIORD QUEBEC	160.00	173	ROV	DART.	
* 86016	027	48 22' 1"	- 70 23' 7"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	250.00	173	CORE	PISTON	475.0

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86016	028	48 21' 6"	- 70 20' 52"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	257.00	173	CORE	PISTON	548.0
*	86016	029	48 19' 3"	- 70 17' 31"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	252.00	173	CORE	PISTON	516.0
*	86016	030	48 15' 16"	- 70 5' 53"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	207.00	173	CORE	PISTON	528.0
*	86016	031	48 15' 21"	- 70 3' 49"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	186.00	174	CORE	LEHIGH	190.0
*	86016	032	48 15' 18"	- 70 5' 36"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER QUEBEC	434.00	174	ROV	DART.	
*	86016	032A	48 15' 6"	- 70 11' 35"	SYVITSKI,J./ DAWSON	ANSE SAINT-JEAN , SAGUENAY RIVER.	100.00	174	ROV	DART.	
*	86016	032B	48 15' 6"	- 70 11' 35"	SYVITSKI,J./ DAWSON	ANSE SAINT-JEAN , SAGUENAY RIVER.	458.00	174	ROV	DART.	
*	86016	032C	48 15' 6"	- 70 11' 35"	SYVITSKI,J./ DAWSON	ANSE SAINT-JEAN , SAGUENAY RIVER.	221.00	174	ROV	DART.	
*	86016	033	48 14' 46"	- 70 4' 18"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	183.00	174	CORE	PISTON	262.0
*	86016	034	48 12' 27"	- 69 53' 41"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	73.00	174	CORE	PISTON	0.0
*	86016	034G	48 12' 30"	- 69 53' 43"	SYVITSKI,J./ DAWSON	BAIE DES HA HA	90.00	174	GRAB	VAN VEEN	
*	86016	035G	48 14' 19"	- 69 57' 37"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	142.00	174	GRAB	VAN VEEN	
*	86016	036G	48 14' 4"	- 69 57' 10"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	150.00	174	GRAB	VAN VEEN	
*	86016	037G	48 13' 36"	- 69 54' 38"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	139.00	174	GRAB	VAN VEEN	
*	86016	038G	48 13' 38"	- 69 54' 22"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	135.00	174	GRAB	VAN VEEN	
*	86016	039G	48 11' 17"	- 69 52' 46"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	174	GRAB	VAN VEEN	
*	86016	041W	48 16' 36"	- 70 11' 35"	SYVITSKI,J./ DAWSON	SAGUENAY RIVER	0.00	175	WATER	BUCKET	

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86016	055G	48 54' 29"	- 68 15' 6"	SYVITSKI,J./ DAWSON	ST.LAWRENCE RIVER	329.00	176	GRAB	VAN VEEN	
* 86016	056G-A	49 3' 15"	- 68 6' 11"	SYVITSKI,J./ DAWSON	ST.LAWRENCE RIVER	69.00	176	GRAB	VAN VEEN	
* 86016	056G-B	49 3' 11"	- 68 6' 29"	SYVITSKI,J./ DAWSON	ST.LAWRENCE RIVER	75.00	176	GRAB	VAN VEEN	
* 86016	057	49 5' 48"	- 67 30' 5"	SYVITSKI,J./ DAWSON	ST.LAWRENCE RIVER	300.00	176	CAMERA	FLOC	
* 86016	057W	49 5' 48"	- 67 30' 5"	SYVITSKI,J./ DAWSON	ST.LAWRENCE RIVER	300.00	176	WATER	NISKEN	
* 86016	058	48 43' 13"	- 64 7' 16"	SYVITSKI,J./ DAWSON	MOUTH OF GASPE BAY	90.00	179	CORE	PISTON	18.0
* 86016	058GA	48 42' 36"	- 64 7' 30"	SYVITSKI,J./ DAWSON	MOUTH OF GASPE BAY	150.00	179	GRAB	VAN VEEN	
* 86016	058GB	48 43' 0"	- 64 7' 16"	SYVITSKI,J./ DAWSON	MOUTH OF GASPE BAY	135.00	179	GRAB	VAN VEEN	
* 86016	059	48 50' 21"	- 64 27' 38"	SYVITSKI,J./ DAWSON	GASPE BAY	33.00	179	CORE	PISTON	398.0
* 86016	059G	48 50' 21"	- 64 27' 38"	SYVITSKI,J./ DAWSON	GASPE HARBOUR	33.00	179	GRAB	VAN VEEN	
* 86016	060	48 19' 30"	- 64 17' 47"	SYVITSKI,J./ DAWSON	CHALEUR BAY	120.00	180	CORE	PISTON	555.0
* 86016	060G	48 19' 30"	- 64 17' 47"	SYVITSKI,J./ DAWSON	CHALEUR BAY	120.00	180	GRAB	VAN VEEN	
* 86016	061	48 5' 58"	- 66 23' 22"	SYVITSKI,J./ DAWSON	CHALEUR BAY	14.00	187	CORE	PISTON	136.0
* 86016	061G	48 5' 58"	- 66 23' 22"	SYVITSKI,J./ DAWSON	CHALEUR BAY	14.00	187	GRAB	VAN VEEN	
* 86016	062	48 2' 33"	- 66 6' 2"	SYVITSKI,J./ DAWSON	CHALEUR BAY	18.00	182	CORE	PISTON	350.0
* 86016	062G	48 2' 33"	- 66 6' 2"	SYVITSKI,J./ DAWSON	CHALEUR BAY	18.00	182	GRAB	VAN VEEN	
* 86016	063A	48 2' 42"	- 66 10' 41"	SYVITSKI,J./ DAWSON	CHALEUR BAY	65.00	187	ROV	DART.	

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86016	063B	48 2' 42"	- 66 10' 41"	SYVITSKI,J./ DAWSON	CHALEUR BAY	46.00	187	ROV	DART.	
*	86016	064	48 4' 30"	- 65 55' 12"	SYVITSKI,J./ DAWSON	HEAD OF CHALEUR BAY	22.00	182	CORE	PISTON	357.0
*	86016	064B	48 4' 23"	- 65 55' 18"	SYVITSKI,J./ DAWSON	CHALEUR BAY	20.00	184	CORE	PISTON	324.0
*	86016	064G	48 4' 30"	- 65 55' 12"	SYVITSKI,J./ DAWSON	HEAD OF CHALEUR BAY	22.00	182	GRAB	VAN VEEN	
*	86016	065	48 5' 26"	- 65 54' 11"	SYVITSKI,J./ DAWSON	CHALEUR BAY	47.00	187	CORE	PISTON	311.0
*	86016	065G	48 5' 26"	- 65 54' 11"	SYVITSKI,J./ DAWSON	CHALEUR BAY	47.00	187	GRAB	VAN VEEN	
*	86016	066	48 2' 23"	- 65 40' 36"	SYVITSKI,J./ DAWSON	CHALEUR BAY	120.00	183	ROV	DART.	
*	86016	067	47 46' 59"	- 65 34' 33"	SYVITSKI,J./ DAWSON	CHALEUR BAY	34.00	186	CORE	PISTON	319.0
*	86016	067G	47 46' 59"	- 65 34' 33"	SYVITSKI,J./ DAWSON	CHALEUR BAY	34.00	186	GRAB	VAN VEEN	
*	86016	068	47 48' 4"	- 65 32' 5"	SYVITSKI,J./ DAWSON	CHALEUR BAY	45.00	186	CORE	PISTON	97.0
*	86016	068G	47 47' 48"	- 65 32' 5"	SYVITSKI,J./ DAWSON	CHALEUR BAY	40.00	186	GRAB	VAN VEEN	
*	86016	069A	47 53' 17"	- 65 34' 54"	SYVITSKI,J./ DAWSON	CHALEUR BAY	170.00	186	ROV	DART.	
*	86016	069B	47 53' 17"	- 65 34' 54"	SYVITSKI,J./ DAWSON	CHALEUR BAY	170.00	186	ROV	DART.	
*	86016	069G	47 53' 49"	- 65 32' 5"	SYVITSKI,J./ DAWSON	CHALEUR BAY	44.00	186	GRAB	VAN VEEN	
*	86016	070	47 56' 1"	- 65 8' 52"	SYVITSKI,J./ DAWSON	CHALEUR BAY	71.00	185	CORE	PISTON	562.0
*	86016	070G	47 56' 1"	- 65 8' 52"	SYVITSKI,J./ DAWSON	CHALEUR BAY	71.00	185	GRAB	VAN VEEN	
*	86016	071	47 56' 51"	- 64 59' 56"	SYVITSKI,J./ DAWSON	CHALEUR BAY	71.00	185	CORE	PISTON	553.0

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86016	071G	47 56' 53"	- 64 59' 56"	SYVITSKI,J./ DAWSON	CHALEUR BAY	71.00	185	GRAB	VAN VEEN	
*	86016	072A	48 0' 11"	- 65 0' 6"	SYVITSKI,J./ DAWSON	CHALEUR BAY	212.00	185	ROV	DART.	
*	86016	072B	48 0' 11"	- 65 0' 6"	SYVITSKI,J./ DAWSON	CHALEUR BAY	227.00	185	ROV	DART.	
*	86016	074	48 1' 23"	- 64 42' 28"	SYVITSKI,J./ DAWSON	CHALEUR BAY	62.00	185	CORE	LEHIGH	50.0
*	86016	074G	48 1' 23"	- 64 42' 28"	SYVITSKI,J./ DAWSON	CHALEUR BAY	62.00	185	GRAB	VAN VEEN	
*	86016	075	48 1' 41"	- 64 56' 5"	SYVITSKI,J./ DAWSON	CHALEUR BAY	242.00	185	ROV	DART.	
*	86016	076	48 7' 13"	- 64 50' 26"	SYVITSKI,J./ DAWSON	CHALEUR BAY	77.00	185	CORE	PISTON	353.0
*	86016	076G	48 7' 13"	- 64 50' 26"	SYVITSKI,J./ DAWSON	CHALEUR BAY	77.00	185	GRAB	VAN VEEN	
*	86016	077	47 57' 11"	- 65 40' 0"	SYVITSKI,J./ DAWSON	CHALEUR BAY	33.00	183	CORE	PISTON	125.0
*	86016	077G	48 49' 0"	- 63 32' 48"	SYVITSKI,J./ DAWSON	OFF GASPE PENINSULA	215.00	178	GRAB	VAN VEEN	
*	86016	077G-A	47 57' 11"	- 65 40' 0"	SYVITSKI,J./ DAWSON	CHALEUR BAY	36.00	183	GRAB	VAN VEEN	
*	86016	078G	48 53' 30"	- 63 32' 14"	SYVITSKI,J./ DAWSON	OFF GASPE PENINSULA	292.00	178	GRAB	VAN VEEN	
*	86016	079	48 11' 5"	- 64 42' 12"	SYVITSKI,J./ DAWSON	CHALEUR BAY	88.00	185	CORE	PISTON	353.0
*	86016	079G	48 11' 6"	- 64 42' 12"	SYVITSKI,J./ DAWSON	CHALEUR BAY	88.00	185	GRAB	VAN VEEN	
*	86016	080	47 55' 58"	- 65 33' 4"	SYVITSKI,J./ DAWSON	CHALEUR BAY	49.00	186	CORE	PISTON	86.0
*	86016	080G	47 55' 58"	- 65 33' 4"	SYVITSKI,J./ DAWSON	CHALEUR BAY	49.00	186	GRAB	VAN VEEN	

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86017	009VV	45 48' 48"	- 55 6' 20"	FADER,G./HUDSON	HALIBUT CH. GRAND BANKS,NFLD	155.00	177	GRAB	VAN VEEN	
*	86017	010VV	45 48' 42"	- 55 5' 8"	FADER,G./HUDSON	HALIBUT CH. GRAND BANKS,NFLD	146.00	177	GRAB	VAN VEEN	
*	86017	011VV	45 48' 47"	- 55 4' 9"	FADER,G./HUDSON	HALIBUT CH. GRAND BANKS,NFLD	146.00	177	GRAB	VAN VEEN	
*	86017	012VV	45 48' 43"	- 55 2' 46"	FADER,G./HUDSON	HALIBUT CH. GRAND BANKS,NFLD	134.00	177	GRAB	VAN VEEN	
*	86017	013VV	45 48' 38"	- 55 1' 36"	FADER,G./HUDSON	HALIBUT CH. GRAND BANKS,NFLD	86.00	177	GRAB	VAN VEEN	
*	86017	014IKU	45 48' 38"	- 55 1' 36"	FADER,G./HUDSON	HALIBUT CH. GRAND BANKS,NFLD	88.00	177	GRAB	IKU	
*	86017	015IKU	45 48' 42"	- 54 46' 30"	FADER,G./HUDSON	GREEN BANK, NFLD	69.00	177	GRAB	IKU	
*	86017	016VC	45 58' 27"	- 55 4' 8"	FADER,G./HUDSON	HALIBUT CH. NFLD	164.00	177	CORE	VIBROCORE	102.0
*	86017	016VV	45 58' 28"	- 55 4' 9"	FADER,G./HUDSON	GREEN BANK, NFLD	164.00	177	GRAB	VAN VEEN	
*	86017	017P	45 58' 29"	- 55 4' 5"	FADER,G./HUDSON	ST. PIERRE BANK , NFLD	160.00	178	CORE	PISTON	795.0
*	86017	017VV	45 58' 29"	- 55 4' 5"	FADER,G./HUDSON	ST. PIERRE BANK , NFLD	160.00	178	GRAB	VAN VEEN	
*	86017	018IKU	45 58' 29"	- 54 49' 30"	FADER,G./HUDSON	WEST SIDE GREEN BANK	71.00	178	GRAB	IKU	
*	86017	019IKU	46 8' 30"	- 54 33' 29"	FADER,G./HUDSON	GREEN BANK, NFLD	100.00	178	GRAB	IKU	

Purpose : Collecting geophysical and geochemical data for AGC and NICOS (MUN) for the determination of geological control on seabed engineering properties and stability features.

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86018	001	47 17' 58"	- 49 15' 29"	PARROTT,R./HUDSON	GRAND BANKS SCOUR 95	97.00	185	GRAB	IKU	
* 86018	003	47 17' 58"	- 49 15' 29"	PARROTT,R./HUDSON	GRAND BANKS SCOUR 95	92.00	185	GRAB	IKU	
* 86018	005	47 14' 58"	- 49 15' 10"	PARROTT,R./HUDSON	GRAND BANKS SCOUR 95	85.00	185	GRAB	IKU	
* 86018	007	47 13' 3"	- 49 15' 10"	PARROTT,R./HUDSON	GRAND BANKS SCOUR 95	85.00	185	GRAB	IKU	
* 86018	009	47 14' 59"	- 49 16' 54"	PARROTT,R./HUDSON	GRAND BANKS SCOUR 95	91.00	185	GRAB	IKU	
* 86018	011	47 15' 59"	- 49 16' 54"	PARROTT,R./HUDSON	GRAND BANKS SCOUR 95	92.00	185	GRAB	IKU	
* 86018	012	47 0' 58"	- 47 9' 10"	PARROTT,R./HUDSON	FLEMISH PASS	933.00	186	CORE	PISTON	562.0
* 86018	013	47 5' 51"	- 47 0' 10"	PARROTT,R./HUDSON	FLEMISH PASS	1161.00	186	CORE	PISTON	643.0
* 86018	014	47 0' 28"	- 46 55' 24"	PARROTT,R./HUDSON	FLEMISH PASS	1170.00	187	CORE	PISTON	396.0
* 86018	015	47 15' 54"	- 46 53' 58"	PARROTT,R./HUDSON	FLEMISH PASS	1116.00	187	CORE	TRIGGER WEIGHT	99.0
* 86018	015	47 15' 54"	- 46 53' 58"	PARROTT,R./HUDSON	FLEMISH PASS	1116.00	187	CORE	PISTON	727.0
* 86018	016	47 16' 43"	- 46 53' 8"	PARROTT,R./HUDSON	FLEMISH PASS	1100.00	187	CORE	PISTON	0.0
* 86018	017	47 19' 36"	- 46 53' 5"	PARROTT,R./HUDSON	FLEMISH PASS	1116.00	187	CORE	PISTON	201.0
* 86018	017	47 19' 36"	- 46 53' 5"	PARROTT,R./HUDSON	FLEMISH PASS	1116.00	187	CORE	TRIGGER WEIGHT	132.0
* 86018	018	47 19' 25"	- 46 57' 19"	PARROTT,R./HUDSON	FLEMISH PASS	1079.00	187	CORE	PISTON	370.0
* 86018	019	47 24' 16"	- 47 11' 41"	PARROTT,R./HUDSON	FLEMISH PASS, SLOPE	521.00	188	GRAB	VAN VEEN	
* 86018	020	47 23' 49"	- 47 12' 8"	PARROTT,R./HUDSON	FLEMISH PASS, SLOPE	552.00	188	GRAB	VAN VEEN	
* 86018	021	46 43' 9"	- 48 37' 33"	PARROTT,R./HUDSON	BOWERS PIT NE GRAND BANK	88.00	188	GRAB	IKU	
* 86018	024	46 43' 19"	- 48 37' 30"	PARROTT,R./HUDSON	BOWERS PIT	88.00	188	DRILL	NORDCO	0.0

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86018	025	46 33' 35"	- 49 27' 51"	PARROTT,R./HUDSON	BOWERS PIT	57.00	189	DRILL	NORDCO	0.0
* 86018	027	46 33' 35"	- 49 28' 9"	PARROTT,R./HUDSON	BURIED PIT CHANNEL	73.00	189	DRILL	NORDCO	0.0
* 86018	030	46 45' 51"	- 48 45' 39"	PARROTT,R./HUDSON	G.P.S. SITE	77.00	190	CORE	VIBROCORE	152.0
* 86018	031	46 45' 2"	- 48 47' 37"	PARROTT,R./HUDSON	85 TRACER SITE	80.00	190	CORE	VIBROCORE	71.0
* 86018	032	46 44' 38"	- 48 57' 0"	PARROTT,R./HUDSON	SAND RIDGE	78.00	190	CORE	VIBROCORE	163.0
* 86018	033	46 43' 38"	- 48 58' 37"	PARROTT,R./HUDSON	SAND RIDGE	78.00	190	CORE	VIBROCORE	46.0
* 86018	034	46 41' 43"	- 49 1' 22"	PARROTT,R./HUDSON	SAND RIDGE	78.00	190	CORE	VIBROCORE	69.0
* 86018	035	46 42' 36"	- 48 46' 58"	PARROTT,R./HUDSON	P15 SAND RIDGE	74.00	191	CORE	VIBROCORE	220.0
* 86018	036	46 38' 52"	- 48 45' 29"	PARROTT,R./HUDSON	P15 SAND RIDGE	74.00	191	CORE	VIBROCORE	153.0
* 86018	037	46 41' 46"	- 49 1' 21"	PARROTT,R./HUDSON	SAND RIDGE	72.00	191	CORE	VIBROCORE	88.0
* 86018	038	46 43' 43"	- 48 58' 44"	PARROTT,R./HUDSON	SAND RIDGE	73.00	191	CORE	VIBROCORE	93.0
* 86018	039	46 45' 16"	- 48 27' 27"	PARROTT,R./HUDSON	SAND RIBBONS	106.00	191	CORE	VIBROCORE	62.0
* 86018	040	46 47' 47"	- 48 14' 1"	PARROTT,R./HUDSON	GRAND BANKS	115.00	191	CORE	VIBROCORE	134.0
* 86018	041	46 43' 14"	- 48 37' 19"	PARROTT,R./HUDSON	BOWERS PIT	91.00	192	CORE	PISTON	160.0
* 86018	042	46 45' 0"	- 48 47' 58"	PARROTT,R./HUDSON	85 TRACER SITE	75.00	192	GRAB	IKU	
* 86018	044	46 43' 19"	- 48 55' 28"	PARROTT,R./HUDSON	GRAND BANKS	78.00	192	GRAB	IKU	
* 86018	045	46 39' 38"	- 49 7' 41"	PARROTT,R./HUDSON	GRAND BANKS	78.00	192	GRAB	IKU	
* 86018	046	46 34' 36"	- 49 22' 39"	PARROTT,R./HUDSON	GRAND BANKS	74.00	192	GRAB	IKU	
* 86018	047	45 35' 13"	- 52 45' 6"	PARROTT,R./HUDSON	WHALE DEEP	92.00	193	CORE	PISTON	255.0

Purpose : Sampling in North East Baffin Bay.

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86023	001	73 5' 35"	- 75 40' 0"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SLOPE	619.00	239	GRAB	VAN VEEN	
* 86023	002	73 5' 17"	- 75 41' 48"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SLOPE	444.00	239	GRAB	VAN VEEN	
* 86023	003	72 34' 47"	- 75 9' 0"	PRAEG,D./BAFFIN	NE BAFFIN SLOPE (CAPE MACULLOCH)	350.00	240	GRAB	VAN VEEN	
* 86023	004	72 58' 0"	- 75 42' 47"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SHELF	123.00	240	GRAB	VAN VEEN	
* 86023	005	73 1' 11"	- 75 43' 59"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SHELF	153.00	240	GRAB	VAN VEEN	
* 86023	006	73 0' 29"	- 75 32' 17"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SLOPE	220.00	241	GRAB	VAN VEEN	
* 86023	007	72 52' 36"	- 75 33' 11"	PRAEG,D./BAFFIN	SOUTHEASTERN BYLOT ISLAND SLOPE	644.00	241	CORE	BENTHOS	190.0
* 86023	008	72 53' 35"	- 75 35' 17"	PRAEG,D./BAFFIN	SOUTHEASTERN BYLOT ISLAND SLOPE	576.00	241	GRAB	VAN VEEN	
* 86023	009	72 53' 23"	- 75 34' 41"	PRAEG,D./BAFFIN	SOUTHEASTERN BYLOT ISLAND SLOPE	592.00	241	CORE	BENTHOS	105.0
* 86023	010	73 9' 0"	- 75 58' 54"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SLOPE	393.00	245	GRAB	VAN VEEN	
* 86023	011	73 9' 18"	- 75 52' 23"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SLOPE	654.00	245	CORE	BENTHOS	180.0
* 86023	012	73 9' 42"	- 75 46' 11"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SLOPE	836.00	245	CORE	BENTHOS	145.0
* 86023	013	73 20' 24"	- 75 54' 0"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND OFFSHORE	980.00	249	GRAB	VAN VEEN	
* 86023	014	73 23' 12"	- 76 43' 0"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SLOPE	405.00	250	GRAB	VAN VEEN	
* 86023	014	73 23' 12"	- 76 43' 0"	PRAEG,D./BAFFIN	EASTERN BYLOT ISLAND SLOPE	405.00	250	CORE	BENTHOS	0.0

Purpose : To study the south and northeast coast of Newfoundland in the vicinity of Trinity / Conception Bay. This involved underwater gravity, seismic and CTD surveys, and the collection of cores and biological samples of Newfoundland coastal bays.

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86026	001	50 2' 48"	- 56 31' 5"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	375.00	247	CORE	PISTON	430.0
* 86026	001	50 2' 48"	- 56 31' 5"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	375.00	247	CORE	TRIGGER WEIGHT	136.0
* 86026	002	49 35' 17"	- 56 45' 6"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	210.00	247	CORE	TRIGGER WEIGHT	102.0
* 86026	002	49 35' 17"	- 56 45' 6"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	210.00	247	CORE	PISTON	531.0
* 86026	003	55 27' 0"	- 50 16' 0"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	237.00	248	CORE	TRIGGER WEIGHT	108.0
* 86026	003	55 27' 0"	- 50 16' 0"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	237.00	248	CORE	PISTON	525.5
* 86026	004	49 30' 35"	- 55 7' 23"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	267.00	249	CORE	PISTON	421.0
* 86026	004	49 30' 35"	- 55 7' 23"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	267.00	249	CORE	TRIGGER WEIGHT	96.0
* 86026	005	49 28' 46"	- 56 2' 34"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	278.00	249	CORE	TRIGGER WEIGHT	97.0
* 86026	005	49 28' 46"	- 56 2' 34"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	278.00	249	CORE	PISTON	298.0
* 86026	006	49 38' 35"	- 56 6' 29"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	256.00	250	CORE	TRIGGER WEIGHT	96.0
* 86026	006	49 38' 35"	- 56 6' 29"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	256.00	250	CORE	PISTON	321.0
* 86026	007	49 47' 30"	- 55 11' 41"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	356.00	250	CORE	TRIGGER WEIGHT	104.0
* 86026	007	49 47' 30"	- 55 11' 41"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	356.00	250	CORE	PISTON	348.0
* 86026	008	48 35' 59"	- 53 47' 48"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	260.00	251	CORE	TRIGGER WEIGHT	92.0
* 86026	008	48 35' 59"	- 53 47' 48"	MACO,S./DAWSON	NORTHEAST COAST OF NEWFOUNDLAND	260.00	251	CORE	PISTON	226.0

Purpose : To collect physical, geophysical, goetechnical, biological, physical oceanographic, and hydrographic data from Wellington Channel - Austin Channel - Viscount Melville - Prince Regent - Barrow Strait areas, and the Bryam Martin Channel region.

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86027	001	75 12' 11"	- 93 14' 35"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	192.00	240	GRAB	VAN VEEN	
* 86027	002	75 12' 7"	- 93 13' 59"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	193.80	240	CTD	(MEL)	
* 86027	003	75 12' 11"	- 93 14' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	193.80	240	WATER	(MEL)	
* 86027	004	75 12' 11"	- 93 14' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	193.80	240	PLANKTON	TOW (MEL)	
* 86027	005	76 2' 48"	- 93 10' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	137.00	241	GRAB	VAN VEEN	
* 86027	006	76 2' 42"	- 93 10' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	143.00	241	CTD	(MEL)	
* 86027	007	76 2' 35"	- 93 10' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	143.00	241	WATER	(MEL)	
* 86027	008	76 2' 35"	- 93 10' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	143.00	241	PLANKTON	TOW (MEL)	
* 86027	009	75 54' 29"	- 93 43' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	350.00	241	CORE	TRIGGER WEIGHT	190.0
* 86027	009	75 54' 29"	- 93 43' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	350.00	241	CORE	PISTON	13.0
* 86027	010	75 54' 52"	- 93 49' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	320.00	241	CAMERA	UMEL	
* 86027	011	75 55' 28"	- 93 41' 46"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	311.00	241	CORE	PISTON	28.0
* 86027	011	75 55' 28"	- 93 41' 46"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	311.00	241	CORE	TRIGGER WEIGHT	176.0
* 86027	012	75 49' 15"	- 93 22' 55"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	265.00	241	CORE	PISTON	200.0
* 86027	012	75 49' 15"	- 93 22' 55"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	265.00	241	CORE	TRIGGER WEIGHT	131.0
* 86027	013	75 49' 33"	- 93 21' 15"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	265.00	241	CORE	BOX	0.0
* 86027	014	75 49' 26"	- 93 20' 11"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	265.00	241	CTD	(MEL)	
* 86027	015	76 7' 18"	- 93 26' 59"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	165.00	242	GRAB	VAN VEEN	
* 86027	016	76 7' 18"	- 93 26' 59"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	165.00	242	GRAB	VAN VEEN	
* 86027	017	76 7' 10"	- 93 26' 42"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	165.00	242	CAMERA	UMEL	
* 86027	018	76 7' 11"	- 93 26' 2"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	165.00	242	CTD	(MEL)	
* 86027	019	76 7' 10"	- 93 25' 49"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	165.00	242	PLANKTON	TOW (MEL)	
* 86027	020	76 4' 27"	- 93 12' 24"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	183.00	242	GRAB	VAN VEEN	
* 86027	021	76 4' 22"	- 93 11' 39"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	143.00	242	GRAB	VAN VEEN	
* 86027	022	76 4' 20"	- 93 10' 46"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	143.00	242	CAMERA	UMEL	
* 86027	023	76 3' 45"	- 94 15' 29"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	93.00	242	GRAB	VAN VEEN	
* 86027	024	76 3' 35"	- 94 15' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	105.00	242	CAMERA	UMEL	

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86027	025	75 45' 42"	- 92 37' 35"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	74.00	242	GRAB	VAN VEEN	
*	86027	026	75 45' 35"	- 92 37' 46"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	74.00	242	CAMERA	UMEL	
*	86027	027	75 41' 35"	- 94 8' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	95.00	243	PLANKTON	TOW (MEL)	
*	86027	028	75 40' 59"	- 94 8' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	95.00	243	GRAB	VAN VEEN	
*	86027	029	75 40' 59"	- 94 8' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	100.00	243	GRAB	VAN VEEN	
*	86027	030	75 40' 47"	- 94 8' 17"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	100.00	243	WATER	(MEL)	
*	86027	031	75 40' 54"	- 94 10' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	100.00	243	PLANKTON	TOW (MEL)	
*	86027	032	76 13' 0"	- 96 10' 0"	MACLEAN,B./HUDSON	QUEENS CHANNEL	247.00	243	GRAB	VAN VEEN	
*	86027	033	76 13' 0"	- 96 10' 0"	MACLEAN,B./HUDSON	QUEENS CHANNEL	247.00	243	PLANKTON	TOW (MEL)	
*	86027	034	76 12' 15"	- 96 10' 15"	MACLEAN,B./HUDSON	QUEENS CHANNEL	240.00	243	CAMERA	UMEL	
*	86027	035	75 24' 42"	- 93 26' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	271.00	244	CORE	PISTON	81.0
*	86027	035	75 24' 42"	- 93 26' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	271.00	244	CORE	TRIGGER WEIGHT	150.0
*	86027	036	75 24' 18"	- 93 25' 18"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	271.00	244	CORE	BOX	0.0
*	86027	037	75 24' 6"	- 93 24' 6"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	271.00	244	CTD	(MEL)	
*	86027	038	75 23' 41"	- 93 24' 26"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	256.00	244	CAMERA	UMEL	
*	86027	039	75 23' 37"	- 93 21' 34"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	252.00	244	PROBE	HEAT PROBE (A. TAYLOR)	
*	86027	040	75 32' 47"	- 93 37' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	137.00	244	GRAB	VAN VEEN	
*	86027	041	75 32' 39"	- 93 37' 9"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	137.00	244	CAMERA	UMEL	
*	86027	042	75 21' 47"	- 93 1' 59"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	156.00	244	GRAB	VAN VEEN	
*	86027	043	75 21' 36"	- 93 1' 9"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	165.00	244	CAMERA	UMEL	
*	86027	044	75 21' 18"	- 92 45' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	185.00	245	GRAB	VAN VEEN	
*	86027	045	75 20' 59"	- 92 45' 18"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	207.00	245	CAMERA	UMEL	
*	86027	046	75 9' 22"	- 93 4' 3"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	146.00	245	CTD	(MEL)	
*	86027	047	75 9' 20"	- 93 3' 58"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	146.00	245	PLANKTON	TOW (MEL)	
*	86027	048	75 9' 24"	- 93 3' 56"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	147.00	245	CTD	(MEL)	
*	86027	049	75 9' 12"	- 93 2' 26"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	147.00	245	CTD	(MEL)	
*	86027	050	75 9' 15"	- 93 2' 41"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	147.00	245	WATER	(MEL)	
*	86027	051	75 9' 18"	- 93 2' 40"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	147.00	245	PLANKTON	TOW (MEL)	
*	86027	052	75 9' 24"	- 93 2' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	143.00	245	GRAB	VAN VEEN	
*	86027	053	75 9' 27"	- 93 1' 40"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	143.00	245	CORE	GRAVITY	0.0
*	86027	054	75 9' 36"	- 93 1' 9"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	143.00	245	CAMERA	UMEL	

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86027	055	75 9' 36"	- 93 1' 9"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	143.00	245	CTD	TOW (MEL)	
* 86027	056	74 59' 32"	- 92 32' 17"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	174.00	245	GRAB	VAN VEEN	
* 86027	057	74 59' 28"	- 92 32' 17"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	174.00	245	CAMERA	UMEL	
* 86027	058	74 57' 29"	- 92 54' 47"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	201.00	245	GRAB	VAN VEEN	
* 86027	059	74 57' 24"	- 92 54' 0"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	201.00	245	CAMERA	UMEL	
* 86027	060	74 46' 58"	- 92 17' 50"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	73.00	246	CTD	(MEL)	
* 86027	061	74 46' 51"	- 92 17' 52"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	72.00	246	PLANKTON	TOW (MEL)	
* 86027	062	74 46' 51"	- 92 17' 59"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	73.00	246	GRAB	VAN VEEN	
* 86027	063	74 46' 51"	- 92 17' 59"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	73.00	246	CAMERA	UMEL	
* 86027	064	74 41' 48"	- 92 40' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	137.00	246	GRAB	VAN VEEN	
* 86027	065	74 41' 48"	- 92 40' 30"	MACLEAN,B./HUDSON	WELLINGTON CHANNEL	137.00	246	CAMERA	UMEL	
* 86027	066	74 25' 5"	- 91 18' 0"	MACLEAN,B./HUDSON	BARROW STRAIT	165.00	247	CTD	(MEL)	
* 86027	067	74 25' 0"	- 91 15' 47"	MACLEAN,B./HUDSON	BARROW STRAIT	165.00	247	GRAB	VAN VEEN	
* 86027	068	74 25' 5"	- 91 18' 0"	MACLEAN,B./HUDSON	BARROW STRAIT	165.00	247	CTD	(MEL)	
* 86027	069	74 25' 5"	- 91 18' 0"	MACLEAN,B./HUDSON	BARROW STRAIT	165.00	247	PLANKTON	TOW (MEL)	
* 86027	070	74 25' 0"	- 91 19' 0"	MACLEAN,B./HUDSON	BARROW STRAIT	165.00	247	WATER	(MEL)	
* 86027	071	74 25' 0"	- 91 19' 0"	MACLEAN,B./HUDSON	BARROW STRAIT	165.00	247	PLANKTON	TOW (MEL)	
* 86027	072	74 45' 33"	- 97 4' 0"	MACLEAN,B./HUDSON	W. BARROW STRAIT	287.00	248	CORE	PISTON	262.0
* 86027	072	74 45' 33"	- 97 4' 0"	MACLEAN,B./HUDSON	W. BARROW STRAIT	287.00	248	CORE	TRIGGER WEIGHT	161.0
* 86027	073	74 45' 44"	- 97 3' 37"	MACLEAN,B./HUDSON	W. BARROW STRAIT	276.00	248	PLANKTON	TOW (MEL)	
* 86027	074	74 45' 46"	- 97 3' 15"	MACLEAN,B./HUDSON	W. BARROW STRAIT	275.00	248	CTD	(MEL)	
* 86027	075	74 45' 41"	- 97 3' 29"	MACLEAN,B./HUDSON	W. BARROW STRAIT	279.00	248	CORE	BOX	0.0
* 86027	076	74 45' 44"	- 97 3' 12"	MACLEAN,B./HUDSON	W. BARROW STRAIT	278.00	248	PROBE	HEAT PROBE (A. TAYLOR)	
* 86027	077	74 45' 43"	- 97 3' 44"	MACLEAN,B./HUDSON	W. BARROW STRAIT	278.00	248	CORE	PISTON	305.0
* 86027	077	74 45' 43"	- 97 3' 44"	MACLEAN,B./HUDSON	W. BARROW STRAIT	278.00	248	CORE	TRIGGER WEIGHT	165.0
* 86027	078	75 47' 53"	-103 56' 59"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	166.40	250	GRAB	VAN VEEN	
* 86027	079	75 47' 23"	-103 57' 24"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	166.40	250	CAMERA	UMEL	
* 86027	080	75 47' 23"	-103 58' 11"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	166.40	250	CTD	(MEL)	

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86027	081	75 47' 48"	-103 57' 29"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	173.00	250	PLANKTON	TOW (MEL)	
*	86027	082	75 47' 48"	-103 57' 29"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	173.00	250	CTD	(MEL)	
*	86027	083	75 47' 48"	-103 57' 29"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	173.00	250	PLANKTON	TOW (MEL)	
*	86027	084	75 47' 48"	-103 58' 29"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	183.00	250	CTD	(MEL)	
*	86027	085	75 47' 48"	-103 58' 29"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	184.00	250	PLANKTON	TOW (MEL)	
*	86027	086	75 49' 9"	-103 59' 53"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	182.90	250	CORE	TRIGGER WEIGHT	103.0
*	86027	086	75 49' 9"	-103 59' 53"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	182.90	250	CORE	PISTON	253.0
*	86027	087	75 48' 52"	-103 59' 6"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	182.90	250	PROBE	HEAT PROBE (A. TAYLOR)	
*	86027	088	75 48' 35"	-103 58' 29"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	183.00	250	CORE	BOX	0.0
*	86027	089	75 46' 10"	-104 11' 12"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	170.00	250	CORE	TRIGGER WEIGHT	140.0
*	86027	089	75 46' 10"	-104 11' 12"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	170.00	250	CORE	PISTON	201.0
*	86027	090	75 43' 36"	-104 28' 29"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	150.00	251	GRAB	VAN VEEN	
*	86027	091	75 44' 30"	-104 31' 30"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	150.00	251	CAMERA	UMEL	
*	86027	092	75 44' 21"	-104 29' 30"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	150.00	251	PLANKTON	TOW (MEL)	
*	86027	093	75 44' 19"	-104 29' 30"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	150.00	251	CTD	(MEL)	
*	86027	094	75 52' 49"	-105 14' 30"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	214.00	251	PLANKTON	TOW (MEL)	
*	86027	095	75 52' 48"	-105 14' 30"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	214.00	251	GRAB	VAN VEEN	

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86027	096	75 52' 18"	-105 13' 36"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	220.00	251	CAMERA	UMEL	
*	86027	097	75 25' 4"	-102 37' 36"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	165.00	251	GRAB	VAN VEEN	
*	86027	098	75 25' 3"	-102 36' 53"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	166.00	251	CORE	PISTON	182.0
*	86027	098	75 25' 3"	-102 36' 53"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	166.00	251	CORE	TRIGGER WEIGHT	117.0
*	86027	099	75 25' 4"	-102 34' 41"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	166.00	251	CORE	TRIGGER WEIGHT	65.0
*	86027	099	75 25' 4"	-102 34' 41"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	166.00	251	CORE	PISTON	90.0
*	86027	100	75 27' 45"	-102 40' 54"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	210.00	251	CORE	PISTON	244.0
*	86027	100	75 27' 45"	-102 40' 54"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	210.00	251	CORE	TRIGGER WEIGHT	78.0
*	86027	101	75 27' 36"	-102 40' 59"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	210.00	251	CTD	(MEL)	
*	86027	102	75 27' 31"	-102 40' 41"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	210.00	251	CORE	BOX	0.0
*	86027	103	75 27' 45"	-102 41' 12"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	201.00	251	CORE	PISTON	341.0
*	86027	103	75 27' 45"	-102 41' 12"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	201.00	251	CORE	TRIGGER WEIGHT	35.0
*	86027	104	75 18' 29"	-103 6' 29"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	152.00	252	GRAB	VAN VEEN	
*	86027	105	75 18' 6"	-103 4' 29"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	152.00	252	CAMERA	UMEL	
*	86027	106	75 18' 6"	-103 4' 29"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	152.00	252	CTD	(MEL)	
*	86027	107	75 18' 6"	-103 4' 29"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	152.00	252	PLANKTON	TOW (MEL)	
*	86027	108	75 18' 47"	-103 4' 0"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	152.00	252	CTD	(MEL)	
*	86027	109	75 18' 47"	-103 4' 0"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	152.00	252	PLANKTON	TOW (MEL)	
*	86027	110	75 18' 47"	-103 4' 0"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	152.00	252	PLANKTON	TOW (MEL)	
*	86027	111	75 33' 6"	-103 41' 30"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	97.00	252	GRAB	VAN VEEN	
*	86027	112	75 33' 47"	-103 42' 11"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	110.00	252	CAMERA	UMEL	
*	86027	113	75 37' 48"	-103 21' 47"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	271.00	252	CORE	TRIGGER WEIGHT	161.0
*	86027	113	75 37' 48"	-103 21' 47"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	271.00	252	CORE	PISTON	356.0
*	86027	114	75 37' 41"	-103 21' 53"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	267.00	252	CTD	(MEL)	
*	86027	115	75 37' 48"	-103 20' 59"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	267.00	252	CORE	TRIGGER WEIGHT	145.0

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86027	115	75 37' 48"	-103 20' 59"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	267.00	252	CORE	PISTON	65.0
*	86027	116	75 38' 8"	-103 21' 11"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	267.00	252	PROBE	HEAT PROBE (A. TAYLOR)	
*	86027	117	75 37' 58"	-103 20' 53"	MACLEAN,B./HUDSON	AUSTIN CHANNEL	267.00	252	CORE	BOX	0.0
*	86027	118	75 42' 36"	-104 42' 42"	MACLEAN,B./HUDSON	BYAM MARTIN	260.00	252	CORE	PISTON	70.0
*	86027	118	75 42' 36"	-104 42' 42"	MACLEAN,B./HUDSON	BYAM MARTIN	260.00	252	CORE	TRIGGER WEIGHT	165.0
*	86027	119	75 41' 59"	-104 43' 29"	MACLEAN,B./HUDSON	BYAM MARTIN CHANNEL	260.00	252	PROBE	HEAT PROBE (A. TAYLOR)	
*	86027	120	74 52' 30"	-106 24' 47"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	70.00	253	GRAB	VAN VEEN	
*	86027	121	74 53' 7"	-106 23' 41"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	70.00	253	CAMERA	UMEL	
*	86027	122	74 50' 15"	-104 25' 23"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	179.00	254	CTD	(MEL)	
*	86027	123	74 50' 13"	-104 25' 5"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	179.00	254	PLANKTON	TOW (MEL)	
*	86027	124	74 50' 18"	-104 25' 0"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	179.00	254	CTD	(MEL)	
*	86027	125	74 50' 24"	-104 24' 53"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	179.00	254	PLANKTON	TOW (MEL)	
*	86027	126	74 55' 50"	-103 47' 17"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	82.00	254	GRAB	VAN VEEN	
*	86027	127	74 55' 55"	-103 46' 59"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	82.00	254	CAMERA	UMEL	
*	86027	128	74 57' 47"	-103 43' 0"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	88.00	254	GRAB	VAN VEEN	
*	86027	129	74 57' 36"	-103 43' 0"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	88.00	254	CAMERA	UMEL	
*	86027	130	75 0' 56"	-103 34' 12"	MACLEAN,B./HUDSON	VISCOUNT MELVILLE	150.00	254	CORE	GRAVITY	110.0
*	86027	131	74 49' 47"	- 97 55' 0"	MACLEAN,B./HUDSON	BARROW STRAIT	135.00	255	GRAB	VAN VEEN	
*	86027	131	74 49' 47"	- 97 55' 0"	MACLEAN,B./HUDSON	BARROW STRAIT	135.00	255	GRAB	VAN VEEN	
*	86027	132	74 49' 47"	- 97 55' 59"	MACLEAN,B./HUDSON	BARROW STRAIT	135.00	255	CTD	(MEL)	
*	86027	133	74 49' 47"	- 97 55' 30"	MACLEAN,B./HUDSON	BARROW STRAIT	135.00	255	PLANKTON	TOW (MEL)	
*	86027	134	74 49' 29"	- 97 55' 59"	MACLEAN,B./HUDSON	BARROW STRAIT	135.00	255	CTD	(MEL)	
*	86027	135	74 49' 29"	- 97 55' 59"	MACLEAN,B./HUDSON	BARROW STRAIT	135.00	255	PLANKTON	TOW (MEL)	
*	86027	136	74 39' 24"	- 95 3' 54"	MACLEAN,B./HUDSON	BARROW STRAIT	110.00	255	CTD	(MEL)	
*	86027	137	74 39' 11"	- 95 3' 2"	MACLEAN,B./HUDSON	BARROW STRAIT	112.00	255	PLANKTON	TOW (MEL)	
*	86027	138	74 39' 11"	- 95 2' 35"	MACLEAN,B./HUDSON	BARROW STRAIT	112.00	256	CTD	(MEL)	
*	86027	139	74 31' 30"	- 90 53' 17"	MACLEAN,B./HUDSON	BARROW STRAIT	216.00	257	CTD	(MEL)	
*	86027	140	74 31' 36"	- 90 53' 41"	MACLEAN,B./HUDSON	BARROW STRAIT	216.00	257	PLANKTON	TOW (MEL)	
*	86027	141	74 31' 36"	- 90 53' 41"	MACLEAN,B./HUDSON	BARROW STRAIT	216.00	257	CTD	(MEL)	
*	86027	142	74 31' 41"	- 90 54' 29"	MACLEAN,B./HUDSON	BARROW STRAIT	216.00	257	PLANKTON	TOW (MEL)	

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86027	143	74 32' 5"	- 90 55' 47"	MACLEAN,B./HUDSON	BARROW STRAIT	216.00	257	GRAB	VAN VEEN	
*	86027	144	74 15' 33"	- 91 14' 12"	MACLEAN,B./HUDSON	LANCASTER SOUND	330.00	257	CORE	PISTON	438.0
*	86027	144	74 15' 33"	- 91 14' 12"	MACLEAN,B./HUDSON	LANCASTER SOUND	330.00	257	CORE	TRIGGER WEIGHT	166.0
*	86027	145	74 15' 31"	- 91 13' 26"	MACLEAN,B./HUDSON	LANCASTER SOUND	330.00	257	CTD	(MEL)	
*	86027	146	74 15' 34"	- 91 12' 53"	MACLEAN,B./HUDSON	EAST BARROW STRAIT	330.00	257	CORE	BOX	0.0
*	86027	147	74 15' 40"	- 91 11' 20"	MACLEAN,B./HUDSON	EAST BARROW STRAIT	330.00	257	PROBE	HEAT PROBE (A.TAYLOR)	
*	86027	148	74 20' 16"	- 88 34' 31"	MACLEAN,B./HUDSON	LANCASTER SOUND	332.00	258	GRAB	VAN VEEN	
*	86027	149	74 20' 19"	- 88 36' 2"	MACLEAN,B./HUDSON	BARROW STRAIT	332.00	258	CAMERA	UMEL	
*	86027	150	74 20' 20"	- 88 37' 9"	MACLEAN,B./HUDSON	BARROW STRAIT	325.00	258	CTD	(MEL)	
*	86027	151	74 20' 21"	- 88 37' 36"	MACLEAN,B./HUDSON	BARROW STRAIT	325.00	258	PLANKTON	TOW (MEL)	
*	86027	152	74 20' 21"	- 88 38' 7"	MACLEAN,B./HUDSON	BARROW STRAIT	325.00	258	CTD	(MEL)	
*	86027	153	74 20' 23"	- 88 38' 34"	MACLEAN,B./HUDSON	BARROW STRAIT	325.00	258	PLANKTON	TOW (MEL)	
*	86027	154	74 22' 0"	- 89 51' 15"	MACLEAN,B./HUDSON	LANCASTER SOUND	329.00	258	CORE	TRIGGER WEIGHT	156.0
*	86027	154	74 22' 0"	- 89 51' 15"	MACLEAN,B./HUDSON	LANCASTER SOUND	329.00	258	CORE	PISTON	621.0
*	86027	155	74 22' 5"	- 89 51' 12"	MACLEAN,B./HUDSON	LANCASTER SOUND	329.00	258	CTD	(MEL)	
*	86027	156	74 22' 6"	- 89 51' 8"	MACLEAN,B./HUDSON	LANCASTER SOUND	329.00	258	PLANKTON	TOW (MEL)	
*	86027	157	74 22' 6"	- 89 51' 21"	MACLEAN,B./HUDSON	LANCASTER SOUND	329.00	258	CORE	BOX	0.0
*	86027	158	74 22' 5"	- 89 50' 46"	MACLEAN,B./HUDSON	LANCASTER SOUND	329.00	258	PROBE	HEAT PROBE (A. TAYLOR)	
*	86027	159	74 26' 33"	- 89 52' 30"	MACLEAN,B./HUDSON	LANCASTER SOUND	287.00	258	CORE	PISTON	375.0
*	86027	159	74 26' 33"	- 89 52' 30"	MACLEAN,B./HUDSON	LANCASTER SOUND	287.00	258	CORE	TRIGGER WEIGHT	115.0
*	86027	160	74 26' 31"	- 89 51' 30"	MACLEAN,B./HUDSON	LANCASTER SOUND	287.00	258	PROBE	HEAT PROBE (A. TAYLOR)	
*	86027	161	74 26' 24"	- 89 51' 24"	MACLEAN,B./HUDSON	LANCASTER SOUND	289.00	258	CAMERA	UMEL	
*	86027	162	73 43' 59"	- 88 44' 12"	MACLEAN,B./HUDSON	PRINCE REGENT IN	404.00	261	CORE	TWC	5.0
*	86027	162	73 43' 59"	- 88 44' 12"	MACLEAN,B./HUDSON	PRINCE REGENT IN	404.00	261	CORE	PISTON	137.0

Purpose : To conduct a seismic survey and test the long coring facility in the Grand Banks, Scotian Shelf and Emerald Bank areas.

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86034	001	44 51' 54"	- 55 58' 41"	PIPER,D./HUDSON	ST. PIERRE SLOPE	407.80	309	CORE	TRIGGER WEIGHT	69.0
*	86034	001	44 51' 54"	- 55 58' 41"	PIPER,D./HUDSON	ST. PIERRE SLOPE	407.80	309	CORE	PISTON	193.0
*	86034	002	44 49' 48"	- 55 57' 51"	PIPER,D./HUDSON	ST. PIERRE SLOPE	724.00	309	CORE	PISTON	744.0
*	86034	002	44 49' 48"	- 55 57' 51"	PIPER,D./HUDSON	ST. PIERRE SLOPE	724.00	309	CORE	TRIGGER WEIGHT	96.0
*	86034	003	44 49' 6"	- 55 58' 2"	PIPER,D./HUDSON	ST. PIERRE SLOPE	832.10	809	CORE	TRIGGER WEIGHT	204.0
*	86034	003	44 49' 6"	- 55 58' 2"	PIPER,D./HUDSON	ST. PIERRE SLOPE	832.10	309	CORE	PISTON	180.0
*	86034	004	46 49' 53"	- 56 6' 41"	PIPER,D./HUDSON	ST. PIERRE SLOPE	547.00	309	CORE	PISTON	437.0
*	86034	004	46 49' 53"	- 56 6' 41"	PIPER,D./HUDSON	ST. PIERRE SLOPE	547.00	309	CORE	TRIGGER WEIGHT	227.0
*	86034	005	44 49' 7"	- 56 9' 16"	PIPER,D./HUDSON	ST. PIERRE SLOPE	499.00	309	CORE	PISTON	281.0
*	86034	005	44 49' 7"	- 56 9' 16"	PIPER,D./HUDSON	ST. PIERRE SLOPE	499.00	309	CORE	TRIGGER WEIGHT	230.0
*	86034	006	44 52' 55"	- 56 12' 9"	PIPER,D./HUDSON	ST. PIERRE SLOPE	522.00	309	CORE	TRIGGER WEIGHT	156.0
*	86034	006	44 52' 55"	- 56 12' 9"	PIPER,D./HUDSON	ST. PIERRE SLOPE	522.00	309	CORE	PISTON	596.0
*	86034	007	44 39' 54"	- 55 44' 51"	PIPER,D./HUDSON	ST. PIERRE SLOPE	1405.00	310	CORE	TRIGGER WEIGHT	190.0
*	86034	007	44 39' 54"	- 55 44' 51"	PIPER,D./HUDSON	ST. PIERRE SLOPE	1405.00	310	CORE	PISTON	685.0
*	86034	008	44 41' 39"	- 55 41' 38"	PIPER,D./HUDSON	ST. PIERRE SLOPE	1249.00	310	CORE	TRIGGER WEIGHT	142.0
*	86034	008	44 41' 39"	- 55 41' 38"	PIPER,D./HUDSON	ST. PIERRE SLOPE	1249.00	310	CORE	PISTON	691.0
*	86034	009	44 43' 6"	- 55 32' 33"	PIPER,D./HUDSON	ST. PIERRE SLOPE	1134.00	310	CORE	TRIGGER WEIGHT	160.0
*	86034	009	44 43' 6"	- 55 32' 33"	PIPER,D./HUDSON	ST. PIERRE SLOPE	1134.00	310	CORE	PISTON	858.0
*	86034	010	43 29' 30"	- 55 51' 4"	PIPER,D./HUDSON	EASTERN VALLEY, LAURENTIAN FAN	2979.00	311	CORE	TRIGGER WEIGHT	219.0
*	86034	010	43 29' 30"	- 55 51' 4"	PIPER,D./HUDSON	EASTERN VALLEY, LAURENTIAN FAN	2979.00	311	CORE	PISTON	899.0

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86034	011	43 29' 36"	- 55 54' 30"	PIPER,D./HUDSON	EASTERN VALLEY, LAURENTIAN FAN	3001.00	311	CORE	PISTON	1016.0
*	86034	011	43 29' 36"	- 55 54' 30"	PIPER,D./HUDSON	EASTERN VALLEY, LAURENTIAN FAN	3001.00	311	CORE	TRIGGER WEIGHT	145.0
*	86034	012	43 31' 10"	- 56 0' 9"	PIPER,D./HUDSON	EASTERN VALLEY, LAURENTIAN FAN	3145.00	311	CORE	TRIGGER WEIGHT	203.0
*	86034	012	43 31' 10"	- 56 0' 9"	PIPER,D./HUDSON	EASTERN VALLEY, LAURENTIAN FAN	3145.00	311	CORE	PISTON	1132.0
*	86034	013	43 24' 39"	- 56 7' 42"	PIPER,D./HUDSON	CENTRAL VALLEY, LAURENTIAN FAN	3526.00	311	CORE	TRIGGER WEIGHT	0.0
*	86034	013	43 24' 39"	- 56 7' 42"	PIPER,D./HUDSON	CENTRAL VALLEY, LAURENTIAN FAN	3526.00	311	CORE	PISTON	699.0
*	86034	014	43 57' 31"	- 56 1' 7"	PIPER,D./HUDSON	LAURENTIAN FAN	3017.00	312	CORE	TRIGGER WEIGHT	207.0
*	86034	014	43 57' 31"	- 56 1' 7"	PIPER,D./HUDSON	LAURENTIAN FAN	3017.00	312	CORE	PISTON	521.0
*	86034	015	44 3' 37"	- 56 6' 57"	PIPER,D./HUDSON	LAURENTIAN FAN	3059.00	312	CORE	PISTON	600.0
*	86034	015	44 3' 37"	- 56 6' 57"	PIPER,D./HUDSON	LAURENTIAN FAN	3059.00	312	CORE	TRIGGER WEIGHT	0.0
*	86034	016	43 51' 2"	- 58 22' 48"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1511.00	313	CORE	TRIGGER WEIGHT	139.0
*	86034	016	43 51' 2"	- 58 22' 48"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1511.00	313	CORE	PISTON	750.0
*	86034	017	43 51' 4"	- 58 21' 51"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1518.00	313	CORE	PISTON	948.0
*	86034	017	43 51' 4"	- 58 21' 51"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1518.00	313	CORE	TRIGGER WEIGHT	50.0
*	86034	018	43 50' 54"	- 58 23' 25"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1628.00	313	CORE	PISTON	777.0
*	86034	018	43 50' 54"	- 58 23' 25"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1628.00	313	CORE	TRIGGER WEIGHT	69.0
*	86034	019	43 51' 10"	- 58 23' 4"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1536.00	313	CORE	PISTON	899.0
*	86034	019	43 51' 10"	- 58 23' 4"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1536.00	313	CORE	TRIGGER WEIGHT	115.0

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86034	020	43 51' 26"	- 58 22' 4"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1461.00	313	CORE	PISTON	938.0
*	86034	020	43 51' 26"	- 58 22' 4"	PIPER,D./HUDSON	TANTALLON TONGUE SHELL WELLSITE	1461.00	313	CORE	TRIGGER WEIGHT	24.0
*	86034	021	44 1' 7"	- 62 39' 0"	PIPER,D./HUDSON	EMERALD BASIN	177.00	315	CORE	PISTON	574.0
*	86034	021	44 1' 7"	- 62 39' 0"	PIPER,D./HUDSON	EMERALD BASIN	177.00	315	CORE	TRIGGER WEIGHT	162.0
*	86034	022	44 0' 31"	- 62 35' 38"	PIPER,D./HUDSON	EMERALD BASIN	179.00	315	CORE	TRIGGER WEIGHT	165.0
*	86034	022	44 0' 31"	- 62 35' 38"	PIPER,D./HUDSON	EMERALD BASIN	179.00	315	CORE	PISTON	850.0
*	86034	023	43 57' 17"	- 62 36' 31"	PIPER,D./HUDSON	EMERALD BASIN	175.00	315	CORE	PISTON	809.0
*	86034	023	43 57' 17"	- 62 36' 31"	PIPER,D./HUDSON	EMERALD BASIN	175.00	315	CORE	TRIGGER WEIGHT	154.0
*	86034	024	43 52' 16"	- 62 42' 56"	PIPER,D./HUDSON	EMERALD BASIN	204.00	315	CORE	TRIGGER WEIGHT	170.0
*	86034	024	43 52' 16"	- 62 42' 56"	PIPER,D./HUDSON	EMERALD BASIN	204.00	315	CORE	PISTON	737.0
*	86034	025	43 41' 48"	- 62 47' 39"	PIPER,D./HUDSON	EMERALD BASIN	208.00	315	CORE	TRIGGER WEIGHT	43.0
*	86034	025	43 41' 48"	- 62 47' 39"	PIPER,D./HUDSON	EMERALD BASIN	208.00	315	CORE	PISTON	840.0
*	86034	026	43 53' 10"	- 62 50' 50"	PIPER,D./HUDSON	EMERALD BASIN	256.00	316	CORE	PISTON	263.0
*	86034	026	43 53' 10"	- 62 50' 50"	PIPER,D./HUDSON	EMERALD BASIN	256.00	316	CORE	TRIGGER WEIGHT	197.0
*	86034	027	45 53' 13"	- 62 50' 51"	PIPER,D./HUDSON	EMERALD BASIN	254.00	316	CORE	PISTON	517.0
*	86034	027	45 53' 13"	- 62 50' 51"	PIPER,D./HUDSON	EMERALD BASIN	254.00	316	CORE	TRIGGER WEIGHT	187.0
*	86034	028	43 53' 13"	- 62 50' 46"	PIPER,D./HUDSON	EMERALD BASIN	255.00	316	CORE	PISTON	922.0
*	86034	028	43 53' 13"	- 62 50' 46"	PIPER,D./HUDSON	EMERALD BASIN	255.00	316	CORE	TRIGGER WEIGHT	204.0
*	86034	029	43 52' 55"	- 62 46' 58"	PIPER,D./HUDSON	EMERALD BASIN	233.00	316	CORE	PISTON	920.0
*	86034	029	43 52' 55"	- 62 46' 58"	PIPER,D./HUDSON	EMERALD BASIN	233.00	316	CORE	TRIGGER WEIGHT	188.0
*	86034	030	43 52' 54"	- 62 46' 59"	PIPER,D./HUDSON	EMERALD BASIN	233.00	316	CORE	PISTON	905.0
*	86034	030	43 52' 54"	- 62 46' 59"	PIPER,D./HUDSON	EMERALD BASIN	233.00	316	CORE	TRIGGER WEIGHT	*N/A

*N/A - Not Available

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86034	031	43 52' 10"	- 62 42' 45"	PIPER,D./HUDSON	EMERALD BASIN	207.00	316	CORE	PISTON	836.0
* 86034	031	43 52' 10"	- 62 42' 45"	PIPER,D./HUDSON	EMERALD BASIN	207.00	316	CORE	TRIGGER WEIGHT	*N/A
* 86034	032	43 52' 9"	- 62 43' 5"	PIPER,D./HUDSON	EMERALD BASIN , BIG POCK MARK	210.00	316	CORE	TRIGGER WEIGHT	*N/A
* 86034	032	43 52' 9"	- 62 43' 5"	PIPER,D./HUDSON	EMERALD BASIN , BIG POCK MARK	210.00	316	CORE	PISTON	444.0
* 86034	033	42 42' 13"	- 62 55' 48"	PIPER,D./HUDSON	ALBATROSS AREA	1353.00	317	CORE	TRIGGER WEIGHT	151.0
* 86034	033	42 42' 13"	- 62 55' 48"	PIPER,D./HUDSON	ALBATROSS AREA	1353.00	317	CORE	PISTON	533.0
* 86034	034	42 42' 27"	- 62 52' 28"	PIPER,D./HUDSON	ALBATROSS AREA	1190.00	317	CORE	TRIGGER WEIGHT	76.0
* 86034	034	42 42' 27"	- 62 52' 28"	PIPER,D./HUDSON	ALBATROSS AREA	1190.00	317	CORE	PISTON	533.0
* 86034	035	42 38' 14"	- 62 53' 59"	PIPER,D./HUDSON	ALBATROSS AREA	1431.00	317	CORE	TRIGGER WEIGHT	22.0
* 86034	035	42 38' 14"	- 62 53' 59"	PIPER,D./HUDSON	ALBATROSS AREA	1431.00	317	CORE	PISTON	589.0
* 86034	036	42 35' 40"	- 62 49' 46"	PIPER,D./HUDSON	ALBATROSS AREA	1591.00	317	CORE	TRIGGER WEIGHT	70.0
* 86034	036	42 35' 40"	- 62 49' 46"	PIPER,D./HUDSON	ALBATROSS AREA	1591.00	317	CORE	PISTON	817.0
* 86034	037	42 41' 35"	- 63 1' 36"	PIPER,D./HUDSON	ALBATROSS AREA	1305.00	317	CORE	PISTON	1030.0
* 86034	037	42 41' 35"	- 63 1' 36"	PIPER,D./HUDSON	ALBATROSS AREA	1305.00	317	CORE	TRIGGER WEIGHT	151.0
* 86034	038	42 29' 45"	- 63 5' 48"	PIPER,D./HUDSON	ALBATROSS AREA	1847.00	319	CORE	PISTON	223.0
* 86034	038	42 29' 45"	- 63 5' 48"	PIPER,D./HUDSON	ALBATROSS AREA	1847.00	319	CORE	TRIGGER WEIGHT	235.0
* 86034	039	42 32' 49"	- 63 6' 37"	PIPER,D./HUDSON	ALBATROSS AREA	1682.00	319	CORE	PISTON	767.0
* 86034	039	42 32' 49"	- 63 6' 37"	PIPER,D./HUDSON	ALBATROSS AREA	1682.00	319	CORE	TRIGGER WEIGHT	142.0
* 86034	040	42 37' 53"	- 63 6' 9"	PIPER,D./HUDSON	ALBATROSS AREA	1467.00	319	CORE	PISTON	798.0
* 86034	040	42 37' 53"	- 63 6' 9"	PIPER,D./HUDSON	ALBATROSS AREA	1467.00	319	CORE	TRIGGER WEIGHT	42.0
* 86034	041	42 39' 16"	- 63 6' 16"	PIPER,D./HUDSON	ALBATROSS AREA	1401.00	319	CORE	PISTON	727.0
* 86034	041	42 39' 16"	- 63 6' 16"	PIPER,D./HUDSON	ALBATROSS AREA	1401.00	319	CORE	TRIGGER WEIGHT	80.0

*N/A - Not Available

Purpose : To define onshore - offshore correlation of glacial stratigraphy and geomorphology of Hudson Bay. Also, the first insight into the style of deglaciation of the Laurentide ice sheet in Hudson Bay.

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86040 PHASE1	001	60 4' 44"	- 87 7' 54"	JOSENHANS,H./ HUDSON	HUDSON BAY	202.00	283	CORE	PISTON	0.0
*	86040 PHASE1	001	60 4' 44"	- 87 7' 54"	JOSENHANS,H./ HUDSON	HUDSON BAY	202.00	283	CORE	TRIGGER WEIGHT	60.0
*	86040 PHASE1	002	60 14' 18"	- 86 51' 32"	JOSENHANS,H./ HUDSON	HUDSON BAY	201.00	283	GRAB	VAN VEEN	
*	86040 PHASE1	003	60 14' 13"	- 86 51' 26"	JOSENHANS,H./ HUDSON	HUDSON BAY	201.00	283	CORE	PISTON	74.0
*	86040 PHASE1	003	60 14' 13"	- 86 51' 26"	JOSENHANS,H./ HUDSON	HUDSON BAY	201.00	283	CORE	TRIGGER WEIGHT	74.0
*	86040 PHASE1	004	59 12' 55"	- 88 33' 22"	JOSENHANS,H./ HUDSON	HUDSON BAY	179.00	285	GRAB	VAN VEEN	
*	86040 PHASE1	005	59 13' 4"	- 88 33' 8"	JOSENHANS,H./ HUDSON	HUDSON BAY	179.00	285	CORE	PISTON	30.0
*	86040 PHASE1	005	59 13' 4"	- 88 33' 8"	JOSENHANS,H./ HUDSON	HUDSON BAY	179.00	285	CORE	TRIGGER WEIGHT	96.0

Purpose : Continuing to study the Western Boundry Undercurrent along the Labrador Slope by its effects on sediment and foraminiferal distributions through time.

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86040 PHASE2	006	55 41' 4"	- 55 59' 48"	SCHAFER,C./HUDSON	LABRADOR SLOPE	2054.00	297	CORE	BENTHOS	782.0
*	86040 PHASE2	006TWC	55 41' 4"	- 55 59' 48"	SCHAFER,C./HUDSON	LABRADOR SLOPE	2054.00	297	CORE	TRIGGER WEIGHT	62.0
*	86040 PHASE2	007	55 50' 25"	- 55 59' 47"	SCHAFER,C./HUDSON	LABRADOR SLOPE	2492.00	297	CORE	BENTHOS	851.0
*	86040 PHASE2	007TWC	55 50' 25"	- 55 59' 47"	SCHAFER,C./HUDSON	LABRADOR SLOPE	2492.00	297	CORE	TRIGGER WEIGHT	79.0
*	86040 PHASE2	010	56 0' 18"	- 55 59' 49"	SCHAFER,C./HUDSON	LABRADOR SLOPE	2611.00	298	CORE	BENTHOS	782.0
*	86040 PHASE2	010TWC	56 0' 18"	- 55 59' 49"	SCHAFER,C./HUDSON	LABRADOR SLOPE	2611.00	298	CORE	TRIGGER WEIGHT	85.0
*	86040 PHASE2	011	57 13' 7"	- 50 57' 44"	SCHAFER,C./HUDSON	LABRADOR BASIN	3540.00	299	CORE	BENTHOS	574.0
*	86040 PHASE2	011TWC	57 13' 7"	- 50 57' 44"	SCHAFER,C./HUDSON	LABRADOR BASIN	3540.00	299	CORE	TRIGGER WEIGHT	100.0
*	86040 PHASE2	012	57 15' 12"	- 50 53' 49"	SCHAFER,C./HUDSON	LABRADOR BASIN	3484.00	299	CORE	TRI-CORE	381.0
*	86040 PHASE2	013	57 5' 45"	- 50 40' 7"	SCHAFER,C./HUDSON	LABRADOR BASIN	3493.00	301	CORE	BENTHOS	795.0
*	86040 PHASE2	013TWC	57 5' 45"	- 50 40' 7"	SCHAFER,C./HUDSON	LABRADOR BASIN	3493.00	301	CORE	TRIGGER WEIGHT	201.0
*	86040 PHASE2	014	57 1' 18"	- 50 55' 12"	SCHAFER,C./HUDSON	LABRADOR BASIN	3488.00	301	CORE	TRI-CORE	552.0
*	86040 PHASE2	015	56 51' 45"	- 51 10' 7"	SCHAFER,C./HUDSON	LABRADOR BASIN	3508.00	301	CORE	BENTHOS	672.0
*	86040 PHASE2	015TWC	56 51' 45"	- 51 10' 7"	SCHAFER,C./HUDSON	LABRADOR BASIN	3508.00	301	CORE	TRIGGER WEIGHT	116.0

Purpose : Scotian Shelf - Sable Island Bank; Seismic survey of Cohasset borehole site (Petro-Canada) and development of tracers at the Venture and Olympia sites.

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86041	001	43 56' 3"	- 59 39' 7"	AMOS,C./DAWSON	VENTURE SITE, SABLE ISLAND BANK	27.00	330	CORE	VIBRO	213.0
* 86041	002	43 56' 4"	- 59 39' 8"	AMOS,C./DAWSON	VENTURE SITE, SABLE ISLAND BANK	27.00	330	CORE	VIBRO	170.0
* 86041	003	43 56' 28"	- 59 39' 35"	AMOS,C./DAWSON	VENTURE SITE, SABLE ISLAND BANK	27.00	330	CORE	VIBRO	220.0
* 86041	004	43 56' 32"	- 59 39' 38"	AMOS,C./DAWSON	VENTURE SITE, SABLE ISLAND BANK	26.00	330	CORE	VIBRO	288.0
* 86041	005	43 55' 52"	- 59 39' 59"	AMOS,C./DAWSON	VENTURE SITE, SABLE ISLAND BANK	27.00	330	CORE	VIBRO	256.0
* 86041	006	44 0' 19"	- 59 51' 56"	AMOS,C./DAWSON	OLYMPIA SITE, SABLE ISLAND BANK	29.00	331	CORE	VIBRO	277.0
* 86041	007	44 0' 25"	- 59 51' 56"	AMOS,C./DAWSON	OLYMPIA SITE, SABLE ISLAND BANK	29.00	331	CORE	VIBRO	256.0
* 86041	008	44 0' 22"	- 59 51' 56"	AMOS,C./DAWSON	OLYMPIA SITE, SABLE ISLAND BANK	29.00	331	CORE	VIBRO	270.0
* 86041	009	44 0' 22"	- 59 51' 54"	AMOS,C./DAWSON	OLYMPIA SITE, SABLE ISLAND BANK	29.00	331	CORE	VIBRO	265.0
* 86041	010	44 0' 23"	- 59 52' 1"	AMOS,C./DAWSON	OLYMPIA SITE, SABLE ISLAND BANK	30.00	331	CORE	VIBRO	258.0
* 86041	011	43 56' 58"	- 59 39' 17"	AMOS,C./DAWSON	VENTURE SITE, SABLE ISLAND BANK	27.00	333	CORE	VIBRO	220.0
* 86041	012	43 56' 34"	- 59 38' 48"	AMOS,C./DAWSON	VENTURE SITE, SABLE ISLAND BANK	25.00	333	CORE	VIBRO	270.0

Purpose : Seabed sampling program was carried out through the ice in the Canadian Arctic Archipelago.

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86100	001	77 3' 30"	-104 45' 39"	SONNICHSEN,G./	ARCTIC ISLAND CHANNELS	136.00	217	CORE	GRAVITY	18.0
*	86100	002	77 15' 24"	-107 35' 56"	SONNICHSEN,G./	ARCTIC ISLAND CHANNELS	152.00	219	CORE	GRAVITY	80.0
*	86100	002	77 15' 24"	-107 35' 56"	SONNICHSEN,G./	ARCTIC ISLAND CHANNELS	152.00	219	GRAB	DIETZ LA FONDE	
*	86100	003	76 46' 57"	-104 26' 21"	SONNICHSEN,G./	ARCTIC ISLAND CHANNELS	183.00	222	CORE	GRAVITY	145.0
*	86100	004	76 59' 4"	-104 48' 13"	SONNICHSEN,G./	ARCTIC ISLAND CHANNELS	230.00	222	CORE	GRAVITY	

Purpose : A multi-year project on obtaining geological and geophysical data from a large ice island in the Arctic Ocean (in 1986 NNW of Bukken and Arland Fjords, Northern Axel Heiberg Island), to determine the broad stratigraphic and structural architecture of the Arctic Shelf.

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE TYPE	LENGTH
* 86200	P10	80 59' 19"	- 97 19' 18"	MUDIE,P./	ICE ISLAND	274.00	178	WATER SAMPLE	
* 86200	P10	80 59' 19"	- 97 19' 18"	MUDIE,P./	ICE ISLAND	274.00	178	AMPHIPOD TRAPS	
* 86200	P10	80 59' 19"	- 97 19' 18"	MUDIE,P./	ICE ISLAND	274.00	178	VERTICAL PLANKTON TOW	
* 86200	P104	81 4' 47"	- 96 54' 47"	MUDIE,P./	ICE ISLAND	138.00	212	AMPHIPOD TRAPS	
* 86200	P105	81 4' 57"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	150.00	212	WATER BOTTLE	
* 86200	P106	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	158.00	212	PLANKTON	
* 86200	P21	81 0' 36"	- 97 16' 34"	MUDIE,P./	ICE ISLAND	262.00	183	2 AMPHIPOD TRAPS	
* 86200	P29	81 5' 12"	- 96 59' 4"	MUDIE,P./	ICE ISLAND	169.00	184	VERTICAL PLANKTON TOW	
* 86200	P30	81 5' 9"	- 96 59' 6"	MUDIE,P./	ICE ISLAND	169.00	184	VERTICAL PLANKTON TOW	
* 86200	P35	81 5' 6"	- 96 55' 9"	MUDIE,P./	ICE ISLAND	160.00	187	AGC LARGE PLANKTON NET	
* 86200	P37	81 5' 4"	- 96 55' 9"	MUDIE,P./	ICE ISLAND	160.00	187	MUN WATER SAMPLES	
* 86200	P38	81 5' 6"	- 96 55' 9"	MUDIE,P./	ICE ISLAND	160.00	188	AMPHIPOD TRAPS	
* 86200	P42	81 5' 6"	- 96 55' 9"	MUDIE,P./	ICE ISLAND	160.00	188	PLANKTON TOW	
* 86200	P45	81 5' 6"	- 96 58' 9"	MUDIE,P./	ICE ISLAND	160.00	189	AMPHIPOD TRAPS	

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86200	P59	81 5' 6"	- 96 55' 12"	MUDIE,P./	ICE ISLAND	159.00	196	AMPHIPOD TRAPS		
* 86200	P61	81 5' 0"	- 96 56' 3"	MUDIE,P./	ICE ISLAND	154.00	198	ZOOPLANKTON NETS		
* 86200	P82	81 3' 39"	- 97 2' 18"	MUDIE,P./	ICE ISLAND	148.00	203	VERTICAL PLANKTON TOW		
* 86200	P82	81 3' 2"	- 97 2' 18"	MUDIE,P./	ICE ISLAND	148.00	203	VERTICAL PLANKTON TOW		
* 86200	001	80 57' 40"	- 97 35' 25"	MUDIE,P./	ICE ISLAND	313.00	150	GRAB	PONAR	
* 86200	001A	80 57' 40"	- 97 35' 25"	MUDIE,P./	ICE ISLAND	313.00	150	PUSH CORE	PONAR	10.0
* 86200	001B	80 57' 40"	- 97 35' 25"	MUDIE,P./	ICE ISLAND	313.00	150	PUSH CORE	PONAR	10.0
* 86200	002	80 57' 40"	- 97 35' 25"	MUDIE,P./	ICE ISLAND	313.00	150	CORE	GRAVITY	38.0
* 86200	003	80 57' 40"	- 97 35' 25"	MUDIE,P./	ICE ISLAND	313.00	150	CORE	GRAVITY	61.0
* 86200	004	80 53' 32"	- 97 49' 34"	MUDIE,P./	ICE ISLAND	297.00	162	GRAB	SHIPEK	
* 86200	005	80 53' 32"	- 97 49' 34"	MUDIE,P./	ICE ISLAND	294.00	162	GRAB	PONAR	
* 86200	006	80 53' 32"	- 97 49' 34"	MUDIE,P./	ICE ISLAND	297.00	163	CORE	TRIGGER WEIGHT	132.0
* 86200	007	80 53' 32"	- 97 49' 34"	MUDIE,P./	ICE ISLAND	297.00	163	CORE	TRIGGER WEIGHT	98.0
* 86200	007	80 53' 19"	- 97 49' 21"	MUDIE,P./	ICE ISLAND	297.00	163	CORE	PISTON	168.0
* 86200	011	80 59' 19"	- 97 19' 19"	MUDIE,P./	ICE ISLAND	274.00	178	CORE	GRAVITY	90.0
* 86200	012	80 59' 19"	- 97 19' 19"	MUDIE,P./	ICE ISLAND	274.00	178	CORE	GRAVITY	115.0
* 86200	013	80 59' 21"	- 97 19' 23"	MUDIE,P./	ICE ISLAND	274.00	179	GRAB	SHIPEK	
* 86200	015	80 59' 21"	- 97 19' 15"	MUDIE,P./	ICE ISLAND	274.00	180	AERIAL PARTICULATES		
* 86200	016	80 59' 21"	- 97 19' 15"	MUDIE,P./	ICE ISLAND	272.00	180	CTD PROFILE		
* 86200	017	80 59' 46"	- 97 18' 4"	MUDIE,P./	ICE ISLAND	294.00	181	GRAB	SHIPEK	
* 86200	018	80 59' 43"	- 97 13' 10"	MUDIE,P./	ICE ISLAND	289.00	181	CORE	TRIGGER WEIGHT	121.0

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86200	018	80 59' 43"	- 97 13' 8"	MUDIE,P./	ICE ISLAND	289.00	181	CORE	PISTON	226.0
* 86200	019	81 0' 34"	- 97 16' 41"	MUDIE,P./	ICE ISLAND	263.00	182	CORE	PISTON	10.0
* 86200	019	81 0' 34"	- 97 16' 41"	MUDIE,P./	ICE ISLAND	263.00	182	CORE	TRIGGER WEIGHT	0.0
* 86200	022	81 1' 59"	- 97 10' 10"	MUDIE,P./	ICE ISLAND	228.00	183	DREDGE	BOX	
* 86200	023	81 3' 0"	- 97 7' 0"	MUDIE,P./	ICE ISLAND	162.00	183	DREDGE	BOX	
* 86200	024	81 3' 28"	- 97 4' 22"	MUDIE,P./	ICE ISLAND	147.00	183	DREDGE	BOX	
* 86200	026	81 5' 15"	- 96 59' 6"	MUDIE,P./	ICE ISLAND	172.00	184	GRAB	PONAR	
* 86200	027	81 5' 13"	- 96 59' 7"	MUDIE,P./	ICE ISLAND	172.00	184	CORE	GRAVITY	10.0
* 86200	028	81 5' 13"	- 96 59' 7"	MUDIE,P./	ICE ISLAND	172.00	184	CORE	GRAVITY	115.0
* 86200	032	81 5' 4"	- 96 58' 22"	MUDIE,P./	ICE ISLAND	164.00	185	GRAB	PONAR	
* 86200	034	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	158.00	186	CORE	GRAVITY	55.0
* 86200	036	81 5' 6"	- 96 55' 9"	MUDIE,P./	ICE ISLAND		187	SNOW		
* 86200	039	81 5' 6"	- 96 55' 9"	MUDIE,P./	ICE ISLAND	160.00	188	CTD PROFILE		
* 86200	040	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	160.00	188	GRAB	PONAR	
* 86200	041	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	160.00	188	CORE	GRAVITY	64.0
* 86200	043	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	160.00	189	GRAB	PONAR	
* 86200	044	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	160.00	189	GRAB	PONAR	
* 86200	046	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	157.00	189	GRAB	PONAR	
* 86200	047	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	157.00	189	GRAB	SHIPEK	
* 86200	049	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	159.80	190	DREDGE	BOX	
* 86200	050	81 5' 6"	- 96 55' 9"	MUDIE,P./	ICE ISLAND	163.00	191	DREDGE	BOX	
* 86200	051	81 5' 6"	- 96 55' 9"	MUDIE,P./	ICE ISLAND	163.60	191	GRAB	PONAR	
* 86200	052	81 5' 6"	- 96 55' 10"	MUDIE,P./	ICE ISLAND	163.80	191	CORE	GRAVITY	23.0
* 86200	053	81 5' 12"	- 96 55' 31"	MUDIE,P./	ICE ISLAND	164.00	191	CORE	GRAVITY	78.0
* 86200	054	81 5' 10"	- 96 55' 16"	MUDIE,P./	ICE ISLAND	165.00	192	CORE	GRAVITY	148.0
* 86200	055	81 5' 6"	- 95 55' 7"	MUDIE,P./	ICE ISLAND	159.00	195	CORE	GRAVITY	23.0
* 86200	056	81 5' 6"	- 95 55' 7"	MUDIE,P./	ICE ISLAND	158.30	195	CORE	GRAVITY	11.0
* 86200	057	81 5' 6"	- 96 55' 7"	MUDIE,P./	ICE ISLAND	159.00	195	CORE	GRAVITY	25.0
* 86200	058	81 15' 6"	- 96 55' 9"	MUDIE,P./	ICE ISLAND	159.00	195	CORE	GRAVITY	25.0
* 86200	060	81 5' 9"	- 96 55' 9"	MUDIE,P./	ICE ISLAND	162.00	212	SURFACE MUD		

	CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
*	86200	060	81 3' 43"	- 97 2' 27"	MUDIE,P./	ICE ISLAND	150.00	202	SURFACE MUD		
*	86200	060	81 5' 4"	- 96 55' 7"	MUDIE,P./	ICE ISLAND	160.00	196	SURFACE ICE		
*	86200	062	81 4' 43"	- 96 57' 43"	MUDIE,P./	ICE ISLAND	141.00	198	CORE	GRAVITY	86.0
*	86200	063	81 4' 43"	- 96 57' 43"	MUDIE,P./	ICE ISLAND	141.00	198	CORE	PISTON	116.0
*	86200	063	81 4' 43"	- 96 57' 43"	MUDIE,P./	ICE ISLAND	141.00	198	CORE	TRIGGER WEIGHT	0.0
*	86200	064	81 4' 38"	- 96 57' 40"	MUDIE,P./	ICE ISLAND	136.40	199	GRAB	PONAR	
*	86200	065	81 4' 38"	- 96 57' 40"	MUDIE,P./	ICE ISLAND	136.00	199	GRAB	PONAR	
*	86200	066	81 4' 38"	- 96 57' 40"	MUDIE,P./	ICE ISLAND	136.00	199	GRAB	SHIPEK	
*	86200	067	81 4' 38"	- 96 57' 38"	MUDIE,P./	ICE ISLAND	135.00	199	CORE	GRAVITY	0.0
*	86200	069	81 4' 38"	- 96 57' 33"	MUDIE,P./	ICE ISLAND	132.00	200	GRAB	PONAR	
*	86200	070	81 4' 38"	- 96 57' 33"	MUDIE,P./	ICE ISLAND	132.00	200	GRAB	SHIPEK	
*	86200	071	81 4' 38"	- 96 57' 33"	MUDIE,P./	ICE ISLAND	132.00	200	GRAB	SHIPEK	
*	86200	072	81 4' 38"	- 96 57' 33"	MUDIE,P./	ICE ISLAND	132.00	200	GRAB	PONAR	
*	86200	073	81 4' 38"	- 96 57' 33"	MUDIE,P./	ICE ISLAND	132.00	200	GRAB	SHIPEK	
*	86200	074	81 4' 36"	- 96 58' 9"	MUDIE,P./	ICE ISLAND	138.00	201	GRAB	SHIPEK	
*	86200	075	81 4' 36"	- 96 58' 9"	MUDIE,P./	ICE ISLAND	137.00	201	GRAB	SHIPEK	
*	86200	076	81 4' 34"	- 96 58' 19"	MUDIE,P./	ICE ISLAND	139.00	201	GRAB	SHIPEK	
*	86200	077	81 4' 25"	- 96 59' 7"	MUDIE,P./	ICE ISLAND	136.00	202	GRAB	SHIPEK	
*	86200	078	81 4' 19"	- 96 59' 43"	MUDIE,P./	ICE ISLAND	145.00	202	GRAB	SHIPEK	
*	86200	079	81 3' 43"	- 97 2' 28"	MUDIE,P./	ICE ISLAND	149.00	202	GRAB	SHIPEK	
*	86200	080	81 3' 43"	- 97 2' 28"	MUDIE,P./	ICE ISLAND	149.00	202	GRAB	PONAR	
*	86200	081	81 3' 43"	- 97 2' 28"	MUDIE,P./	ICE ISLAND	149.00	202	CORE	GRAVITY	0.0
*	86200	083	81 3' 40"	- 97 2' 10"	MUDIE,P./	ICE ISLAND	150.00	204	GRAB	PONAR	
*	86200	084	81 3' 40"	- 97 2' 10"	MUDIE,P./	ICE ISLAND	150.00	204	GRAB	SHIPEK	
*	86200	085	81 3' 40"	- 97 2' 10"	MUDIE,P./	ICE ISLAND	150.00	204	CORE	GRAVITY	29.0
*	86200	088	81 3' 43"	- 97 2' 28"	MUDIE,P./	ICE ISLAND	150.00	205	GRAB	SHIPEK	
*	86200	089	81 3' 45"	- 97 2' 37"	MUDIE,P./	ICE ISLAND	144.00	205	DREDGE	BOX	
*	86200	090	81 3' 45"	- 97 2' 43"	MUDIE,P./	ICE ISLAND	149.00	205	GRAB	PONAR	
*	86200	091	81 3' 45"	- 97 2' 26"	MUDIE,P./	ICE ISLAND	144.00	205	CORE	GRAVITY	61.0
*	86200	092	81 3' 42"	- 97 3' 6"	MUDIE,P./	ICE ISLAND	150.00	206	DREDGE	BOX	

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86200	093	81 3' 40"	- 97 3' 10"	MUDIE,P./	ICE ISLAND	153.00	207	GRAB	SHIPEK	
* 86200	094	81 3' 40"	- 97 3' 25"	MUDIE,P./	ICE ISLAND	148.00	208	GRAB	SHIPEK	
* 86200	095	81 3' 40"	- 97 3' 22"	MUDIE,P./	ICE ISLAND	174.00	208	GRAB	SHIPEK	
* 86200	096	81 3' 40"	- 97 3' 19"	MUDIE,P./	ICE ISLAND	147.00	208	CORE	GRAVITY	68.0
* 86200	097	81 3' 49"	- 97 1' 9"	MUDIE,P./	ICE ISLAND	150.00	209	GRAB	SHIPEK	
* 86200	099	81 3' 49"	- 97 0' 7"	MUDIE,P./	ICE ISLAND	140.00	209	DREDGE	BOX	
* 86200	100	81 4' 7"	- 96 56' 48"	MUDIE,P./	ICE ISLAND	145.00	210	GRAB	PONAR	
* 86200	101	81 4' 7"	- 96 56' 55"	MUDIE,P./	ICE ISLAND	145.00	210	GRAB	SHIPEK	
* 86200	102	81 4' 7"	- 96 56' 46"	MUDIE,P./	ICE ISLAND	145.00	210	CORE	GRAVITY	112.0
* 86200	103	81 4' 47"	- 96 54' 48"	MUDIE,P./	ICE ISLAND	138.00	212	CTD PROFILE		
* 86200	107	81 5' 16"	- 96 55' 34"	MUDIE,P./	ICE ISLAND	163.00	213	GRAB	PONAR	
* 86200	108	81 6' 6"	- 96 52' 11"	MUDIE,P./	ICE ISLAND	202.00	214	GRAB	SHIPEK	
* 86200	109	81 6' 8"	- 96 51' 27"	MUDIE,P./	ICE ISLAND	204.00	214	CORE	GRAVITY	92.0
* 86200	110	81 8' 10"	- 96 46' 25"	MUDIE,P./	ICE ISLAND	238.00	215	GRAB	PONAR	
* 86200	111	81 8' 19"	- 96 46' 5"	MUDIE,P./	ICE ISLAND	244.00	215	CORE	GRAVITY	112.0
* 86200	112	81 8' 24"	- 97 2' 7"	MUDIE,P./	ICE ISLAND	279.00	216	CORE	GRAVITY	46.0
* 86200	114	81 7' 34"	- 97 8' 8"	MUDIE,P./	ICE ISLAND	265.00	216	CORE	GRAVITY	46.0
* 86200	115	81 4' 31"	- 97 16' 27"	MUDIE,P./	ICE ISLAND	181.00	217	GRAB	SHIPEK	
* 86200	116	81 4' 13"	- 97 16' 5"	MUDIE,P./	ICE ISLAND	183.00	217	CORE	DART	0.0
* 86200	118	81 2' 21"	- 97 10' 14"	MUDIE,P./	ICE ISLAND	187.00	218	AERIAL PARTICULATES		
* 86200	119	81 2' 12"	- 97 3' 31"	MUDIE,P./	ICE ISLAND	169.00	219	AERIAL PARTICULATES		
* 86200	120	81 2' 10"	- 97 3' 7"	MUDIE,P./	ICE ISLAND	173.00	219	GRAB	SHIPEK	
* 86200	121	81 2' 17"	- 97 2' 3"	MUDIE,P./	ICE ISLAND	161.00	223	GRAB	PONAR	
* 86200	122	81 2' 17"	- 97 2' 3"	MUDIE,P./	ICE ISLAND	166.00	223	CORE	GRAVITY	53.0
* 86200	123	81 2' 17"	- 97 2' 3"	MUDIE,P./	ICE ISLAND		223	AERIAL PARTICULATES		
* 86200	124	81 2' 17"	- 97 2' 3"	MUDIE,P./	ICE ISLAND		225	AERIAL PARTICULATES		
* 86200	125	81 2' 13"	- 97 2' 10"	MUDIE,P./	ICE ISLAND	157.00	226	GRAB	PONAR	
* 86200	126	81 2' 14"	- 97 2' 4"	MUDIE,P./	ICE ISLAND	160.00	230	DIATOM OOZE		

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 86200	127	81 2' 14"	- 97 2' 4"	MUDIE,P./	ICE ISLAND	160.00	230	DIATOM OOZE		
* 86200	128	81 2' 15"	- 97 2' 3"	MUDIE,P./	ICE ISLAND	156.00	231	CORE	PISTON	208.0
* 86200	128	81 2' 15"	- 97 2' 3"	MUDIE,P./	ICE ISLAND	156.00	231	CORE	TRIGGER WEIGHT	8.0
* 86200	136	81 2' 15"	- 97 2' 13"	MUDIE,P./	ICE ISLAND	160.00	232	CORE	GRAVITY	39.0
* 86200	137	81 2' 16"	- 97 2' 7"	MUDIE,P./	ICE ISLAND	159.00	232	CORE	GRAVITY	33.0
* 86200	139	81 2' 18"	- 97 3' 7"	MUDIE,P./	ICE ISLAND	158.00	233	DIATOM CLUMPS		
* 86200	140	81 2' 19"	- 97 3' 3"	MUDIE,P./	ICE ISLAND	158.00	233	DIATOM CLUMPS		
* 86200	141	81 2' 19"	- 97 3' 4"	MUDIE,P./	ICE ISLAND	158.00	233	DIATOM CLUMPS		
* 86200	143	81 2' 16"	- 97 2' 26"	MUDIE,P./	ICE ISLAND	163.00	234	SNOW		
* 86200	144	81 2' 16"	- 97 2' 29"	MUDIE,P./	ICE ISLAND	163.00	234	SNOW		
* 86200	150	81 3' 29"	- 97 3' 17"	MUDIE,P./	ICE ISLAND	145.00	237	GRAB	SHIPEK	
* 86200	152	81 7' 25"	- 96 40' 32"	MUDIE,P./	ICE ISLAND	227.00	239	CTD PROFILE		
* 86200	153	81 7' 27"	- 96 40' 28"	MUDIE,P./	ICE ISLAND	227.00	239	CTD PROFILE		

Purpose : To investigate the effects of the 1929 turbidity current on the Laurentian Fan.

CRUISE	DIVE#	SAMPLE	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLER	TYPE	LENGTH
* 86ATLANTIS II	1718	001	44 4' 50"	- 56 3' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2938.00	217	CORE	PUSH CORE	15.3
* 86ATLANTIS II	1718	002	44 4' 50"	- 56 3' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2808.00	217	CORE	PUSH CORE	17.5
* 86ATLANTIS II	1718	003	44 4' 50"	- 56 3' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2788.00	217	CORE	PUSH CORE	24.0
* 86ATLANTIS II	1718	004	44 4' 50"	- 56 3' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2789.00	217	CORE	PUSH CORE	*N/A
* 86ATLANTIS II	1720	001	44 11' 17"	- 55 51' 29"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2941.00	218	CORE	PUSH CORE	*N/A
* 86ATLANTIS II	1720	002	44 11' 17"	- 55 51' 29"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2949.00	218	CORE	PUSH CORE	16.7
* 86ATLANTIS II	1720	003SF	44 11' 17"	- 55 51' 29"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2949.00	218	CORE	PUSH CORE	*N/A
* 86ATLANTIS II	1720	004	44 11' 17"	- 55 51' 29"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2951.00	218	CORE	PUSH CORE	7.0
* 86ATLANTIS II	1720	005	44 11' 17"	- 55 51' 29"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2962.00	218	CORE	PUSH CORE	*N/A
* 86ATLANTIS II	1720	006	44 11' 17"	- 55 51' 29"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2949.00	218	CORE	PUSH CORE	7.5
* 86ATLANTIS II	1721	001PF	44 7' 48"	- 55 54' 0"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3095.00	219	CORE	PUSH CORE	*N/A
* 86ATLANTIS II	1721	002SM	44 7' 48"	- 55 54' 0"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3011.00	219	CORE	PUSH CORE	28.5
* 86ATLANTIS II	1721	003SF	44 7' 48"	- 55 54' 0"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2999.00	219	CORE	PUSH CORE	22.0
* 86ATLANTIS II	1721	004	44 7' 48"	- 55 54' 0"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3028.00	219	GRAB		
* 86ATLANTIS II	1721	005AS	44 7' 48"	- 55 54' 0"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3070.00	219	CORE	PUSH CORE	18.0

*N/A - Not Available

CRUISE	DIVE#	SAMPLE	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLER	TYPE	LENGTH
* 86ATLANTIS II	1721	006MP	44 7' 48"	- 55 54' 0"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2001.00	219	CORE	PUSH CORE	28.5
* 86ATLANTIS II	1721	007AP	44 7' 48"	- 55 54' 0"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2814.00	219	CORE	PUSH CORE	23.8
* 86ATLANTIS II	1722	001	43 33' 29"	- 55 36' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3849.00	220	CORE	PUSH CORE	*N/A
* 86ATLANTIS II	1722	002PM	43 33' 29"	- 55 36' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	1865.00	220	CORE	PUSH CORE	*N/A
* 86ATLANTIS II	1722	003SA	43 33' 29"	- 55 36' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3832.00	220	CORE	PUSH CORE	*N/A
* 86ATLANTIS II	1722	004SM	43 33' 29"	- 55 36' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3870.00	220	CORE	PUSH CORE	18.0
* 86ATLANTIS II	1722	005PA	43 33' 29"	- 55 36' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3842.00	220	CORE	PUSH CORE	16.0
* 86ATLANTIS II	1722	006	43 33' 29"	- 55 36' 47"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3841.00	220	GRAB		
* 86ATLANTIS II	1723	001FA	43 31' 0"	- 55 43' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3949.00	221	CORE	PUSH CORE	10.3
* 86ATLANTIS II	1723	002SA	43 31' 0"	- 55 43' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3965.00	221	CORE	PUSH CORE	25.0
* 86ATLANTIS II	1723	003F3	43 31' 0"	- 55 43' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	4004.00	221	CORE	PUSH CORE	15.4
* 86ATLANTIS II	1723	004PM	43 31' 0"	- 55 43' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	4000.00	221	CORE	PUSH CORE	29.0
* 86ATLANTIS II	1723	005PA	43 31' 0"	- 55 43' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3957.00	221	CORE	PUSH CORE	14.8
* 86ATLANTIS II	1723	006F2	43 31' 0"	- 55 43' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3811.00	221	CORE	PUSH CORE	20.6
* 86ATLANTIS II	1723	007F1	43 31' 0"	- 55 43' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	3322.00	221	CORE	PUSH CORE	22.0
* 86ATLANTIS II	1724	002	44 24' 53"	- 55 50' 48"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2520.00	223	CORE	PUSH CORE	33.5
* 86ATLANTIS II	1724	003	44 24' 53"	- 55 50' 48"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2516.00	223	CORE	PUSH CORE	29.0

*N/A - Not Available

	CRUISE	DIVE#	SAMPLE	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLER	TYPE	LENGTH
*	86ATLANTIS II	1724	004	44 24' 53"	- 55 50' 48"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2520.00	223	CORE	PUSH CORE	24.0
*	86ATLANTIS II	1724	006	44 24' 53"	- 55 50' 48"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2508.00	223	CORE	PUSH CORE	9.0
*	86ATLANTIS II	1724	007	44 24' 53"	- 55 50' 48"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2470.00	223	GRAB		
*	86ATLANTIS II	1725	001F4	44 16' 0"	- 50 1' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2713.00	224	CORE	PUSH CORE	17.2
*	86ATLANTIS II	1725	002	44 16' 0"	- 50 1' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2791.00	224	CORE	PUSH CORE	*N/A
*	86ATLANTIS II	1725	003F2	44 16' 0"	- 50 1' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2709.00	224	CORE	PUSH CORE	*N/A
*	86ATLANTIS II	1725	004PF	44 16' 0"	- 50 1' 23"	PIPER,D./ATLANTIS II-ALVIN	LAURENTIAN FAN	2709.00	224	CORE	PUSH CORE	*N/A

*N/A - Not Available

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Appendix 1 Definition Sample Information Data Base

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 1*  SPECIMEN (CHAR X(10));
 2*  LATITUDE (DECIMAL NUMBER 9999.9(5));
 3*  LONGITUDE (DECIMAL NUMBER 9999.9(5));
 4*  CRUISE (CHAR X(5));
 5*  PROJECT (CHAR X(5));
 6*  GEOCHEMICAL NUMBER (INTEGER NUMBER 9(7));
 7*  COLLECTOR/SCIENTIST/SHIP (CHAR X(7));
 8*  SAMPLE TYPE (CHAR X(6));
 9*  BIN (INTEGER NUMBER 9999);
10*  BOX (INTEGER NUMBER 999);
11*  CARRIAGE (CHAR X(5));
12*  SLOT (INTEGER NUMBER 9(5));
13*  GEOGRAPHIC AREA (CHAR X(5));
14*  TIME (NON-KEY INTEGER NUMBER 9999);
15*  JULIAN DATE (NON-KEY INTEGER NUMBER 999);
16*  YEAR (INTEGER NUMBER 9999);
17*  INSTRUMENT TYPE (CHAR X(5));
18*  WATER DEPTH (DECIMAL NUMBER 9(5).99);
19*  WATER DEPTH UNITS (NON-KEY CHAR X(5));
20*  TOTAL CM LENGTH (NON-KEY DECIMAL NUMBER 9(7).9);
21*  DIAMETER (NON-KEY DECIMAL NUMBER 999.9);
22*  PENETRATION CM (NON-KEY DECIMAL NUMBER 9999.9);
23*  NUMBER OF SECTIONS (NON-KEY INTEGER NUMBER 99);
25*  TWC WEIGHT (NON-KEY DECIMAL NUMBER 9999.9);
26*  CAMERA SETTING (NON-KEY CHAR X(5));
27*  EXPOSURE TIME (NON-KEY DECIMAL NUMBER 999.99);
28*  NUMBER OF EXPOSURES (NON-KEY INTEGER NUMBER 9(5));
29*  JAWS OPEN/CLOSED (NON-KEY CHAR X(6));
30*  MEASURMENTS (NON-KEY INTEGER NUMBER 9(5));
31*  MEASURMENT UNITS (NON-KEY CHAR X(5));
32*  % FULL (NON-KEY DECIMAL NUMBER 999.99);
33*  % ORGANIC (NON-KEY DECIMAL NUMBER 999.99);
34*  MUNSELL SOIL COLOUR CODE (NON-KEY CHAR X(8));
35*  COLOUR (NON-KEY CHAR X(10));
36*  DESCRIPTION (NON-KEY CHAR X(5));
37*  NUMBER OF ATTEMPTS (NON-KEY INTEGER NUMBER 999);
38*  LAT DEGREE (INTEGER NUMBER 9999);
39*  LAT MINUTES (DECIMAL NUMBER 99.99);
40*  LONG DEGREE (INTEGER NUMBER 9999);
41*  LONG MINUTES (DECIMAL NUMBER 99.99);
42*  SAMPLE NUMBER (CHAR X(5));
43*  STATION NUMBER (CHAR X(5));
44*  SUBSAMPLE INTERVAL (CHAR X(10));
45*  ODS LAT (NON-KEY INTEGER NUMBER 999);
46*  ODS LON (NON-KEY INTEGER NUMBER 9999);
47*  ARCHIVE/WORKING (NON-KEY CHAR X(7));
48*  LOAD DATE (DATE);
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00*  PARTICLES (RECORD);
 110*  AMOUNT OF PARTICLES (NON-KEY CHAR X(5) IN 100);
 120*  SIZE CLASSIFICATION (NON-KEY CHAR X(5) IN 100);
00*  NOTES (RECORD);
 210*  SAMPLE NOTES (NON-KEY CHAR X(6) IN 200);
300*  TYPE OF ANALYSIS (RECORD);
 310*  ANALYSIS TYPE (CHAR X(5) IN 300);
 320*  INTERVAL OF TESTING (NON-KEY CHAR X(5) IN 300);
 330*  WORK (DATE IN 300);
 340*  LABORATORY (NON-KEY CHAR X(5) IN 300);
 350*  REFERENCE (NON-KEY CHAR X(5) IN 300);
 360*  ABIN (CHAR X(5) IN 300);
 370*  ABOX (INTEGER NUMBER 999 IN 300);
00*  LOAN (RECORD);
 410*  ANALYSIS (CHAR X(5) IN 400);
 420*  INTERVAL (CHAR X(5) IN 400);
 430*  NAME (NON-KEY CHAR X(5) IN 400);
 440*  AFFILIATION (NON-KEY CHAR X(5) IN 400);
 450*  ISSUED (DATE IN 400);
 460*  RETURN (DATE IN 400);
 470*  PURPOSE (CHAR X(5) IN 400);
00*  PUBLICATIONS (RECORD);
 510*  AUTHOR (CHAR X(5) IN 500);
 520*  P-TO-P NUMBER (NON-KEY INTEGER NUMBER 9999 IN 500);
00*  SAMPLE (RECORD);
 601*  TECHNIQUE (NON-KEY CHAR X(5) IN 600);
 602*  % SAND (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 603*  % GRAVEL (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 604*  % SILT (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 605*  % CLAY (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 606*  ST DEV (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 607*  KURTOSIS (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 608*  SKEWNESS (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 609*  MEAN GRAIN DIAMETER (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 610*  MEDIAN (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 611*  TOP OF INTERVAL (NON-KEY DECIMAL NUMBER 9999.9 IN 600);
 612*  BOTTOM OF INTERVAL (NON-KEY DECIMAL NUMBER 9999.9 IN 600);
 613*  SUBSAMPLE NUMBER (INTEGER NUMBER 9(6) IN 600);
 614*  LAB ANALYSIS NUMBER (CHAR X(5) IN 600);
 615*  QUARTILE 1 [25%] (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 616*  QUARTILE 3 [75%] (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 617*  QD [[Q3 - Q1]/2] (NON-KEY DECIMAL NUMBER 99.99 IN 600);
 620*  PHI (RECORD IN 600);
   621*  PHI SIZE (NON-KEY DECIMAL NUMBER 99.9999 IN 620);
   622*  % (NON-KEY DECIMAL NUMBER 99.999 IN 620);
630*  LAB NOTES (RECORD IN 600);
   631*  LAB ANALYSIS NOTES (NON-KEY CHAR X(5) IN 630);
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Appendix 2 AGC Subsample Chit

AGC SAMPLE REQUEST FORM

c 430 REQUESTOR: c 450 DATE: _____

c 5 GSC PROJECT NO: _____

c 4 CRUISE NO: _____

c 42 SAMPLE NOS: _____

c 8 SAMPLE TYPE: _____

c 420 CORE INTERVAL REQ'D: _____ CM: _____

PSS ASSISTANCE
REQUIRED: EXAMINATION: ____ SPLIT: ____ X-RAY: ____ SUBSAMPLE: _____

c 410 ANALYSIS TO BE PERFORMED: _____

c 420 INTERVAL(S) TO BE SAMPLED: _____

_____

SUBSAMPLE VOLUME: _____ ml. WEIGHT: _____ gms. wet: ___ dry: _____

COMMON LAB REQUIRED: ____ AGC WET LAB: ___ DATES: _____

c 400 SAMPLES TO GO ON LOAN: _____

c 430 SCIENTIST'S NAME: _____

c 450 ISSUE DATE: _____

c 460 RETURN DATE: _____

c 470 COMMENTS/PURPOSE: _____

_____

_____

AUTHORIZATION: _____ PRIORITY: _____

DATE: _____

THIS FORM IS TO BE COMPLETED AND SUBMITTED TO ROOM MURRAY 526 FOR AUTHORIZATION.

ONE FORM PER CRUISE.

REQUEST COMPLETED: DATE: _____