An Index to Samples Collected by the Atlantic Geoscience Centre for 1985

Compiled by: I.A. Hardy, L.E. Fisher, D.R. Holt

J.M. Giles

GSC Project: 830053

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GSC Open File Report- Atlantic Geoscience Centre

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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 mandate of the Geological Survey of Canada is to protect all fundamental resources for geoscientific study in Canada. To meet this responsibility, the Program Support Subdivision at AGC maintains all soft sediment marine samples within the confines of a core sample repository located at BIO. In 1985, 18 sampling cruises and 6 field programs obtained samples from more than 1155 locations. 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 these samples. Plots of the samples obtained in 1985 are included at an approximate scale of 1:1,000,000 and 1:6,000,000. Original scales have been modified slightly by a ZETA 8 plotter.

INTRODUCTION

Data Section is a part of the Program Support Subdivision of the Atlantic Geoscience Centre (AGC). 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 Canadian scientific survey vessels, from onshore field parties and from joint sampling projects (Fig.1-6) conducted by AGC staff in 1985. The initiation and implementation of a Sample Information Database, acronym SID during 1984 has permitted all of the incoming samples from the field to be documented for publication.

The 1985 cruise station information has also been submitted to the National Geophysical Data Centre (NGDC), in Boulder Colorado for inclusion with the Worldwide Marine Geological Database. This is an interactive inventory information database on marine sediment and hard rock samples from the ocean floor worldwide.

DATA SOURCES

The information gathered together for this index has been mainly derived from cruise sample sheets that must be submitted upon completion of any given field trip or cruise. This information is checked and verified upon receipt of the sample material for curation and includes: location of sample, collector and ship, geographic area, longitude and latitude, 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. Appendix I outlines the data recorded for each sample in the Sample Information Data base (SID). Sample entries for the 1985 index have been ordered according to cruise number; when this information was not available the GSC project number or field program has been used for sample identification.

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. A AGC subsample chit is generated on these occassions and authorized by the AGC Curator before sampling can commence. In this way a record of what subsampling and analyses is to be performed can be documented, recorded and subsequently followed-up within a given period of time.

The Sample Information Data Base presently contains site specific information on more than 14,000 geological samples collected by the Atlantic Geoscience Centre since 1961.

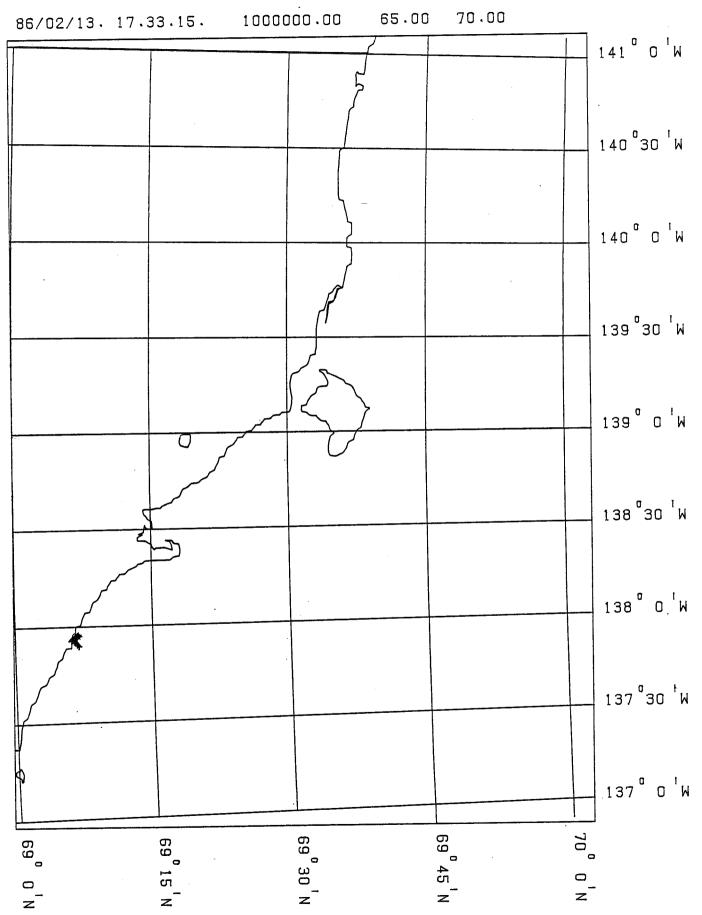
SAMPLE DATA REQUESTS

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 sample locations within specified boundaries can also be directed to the Data Management Section, Atlantic Geoscience Centre at the above address or phone (902)426-3410.

DREDGE SAMPLES, MACKENZIE FIGURE 1 BAY, BEAUFORT SEA. DREDGE SAMPLES OFF NORTHERN AXEL HEIBERG FIGURE 2 ISLAND, HIGH ARCTIC. CORE SAMPLES FROM EASTERN CANADA, AND FIGURE 3 HUDSON STRAIT/CUMBERLAND SOUND, BAFFIN ISLAND. GRAB SAMPLES FROM EASTERN CANADA AND FIGURE 4 HUDSON STRAIT/CUMBERLAND SOUND, BAFFIN ISLAND. CORE SAMPLES FROM THE BEAUFORT SEA FIGURE 5 AND ARCTIC ISLAND CHANNELS. GRAB SAMPLES FROM THE BEAUFORT SEA FIGURE 6 AND ARCTIC ISLAND CHANNELS.

DREDGE SAMPLES, MACKENZIE BAY, BEAUFORT SEA

1985 DREDGE SAMPLES (AGC-BIO)

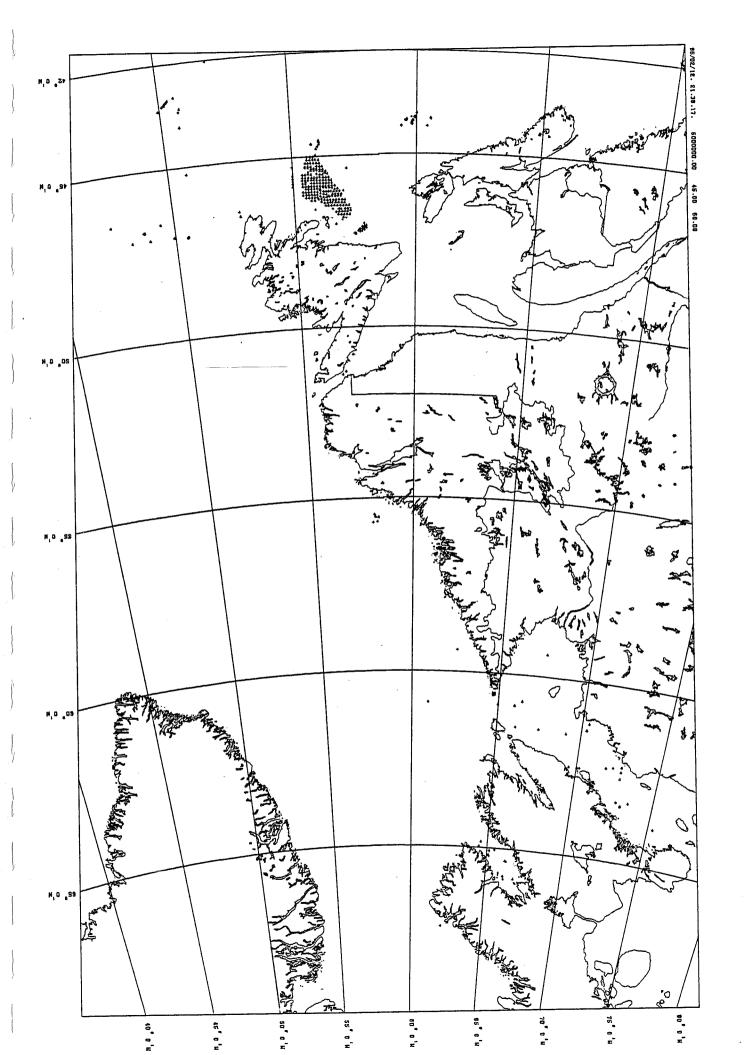


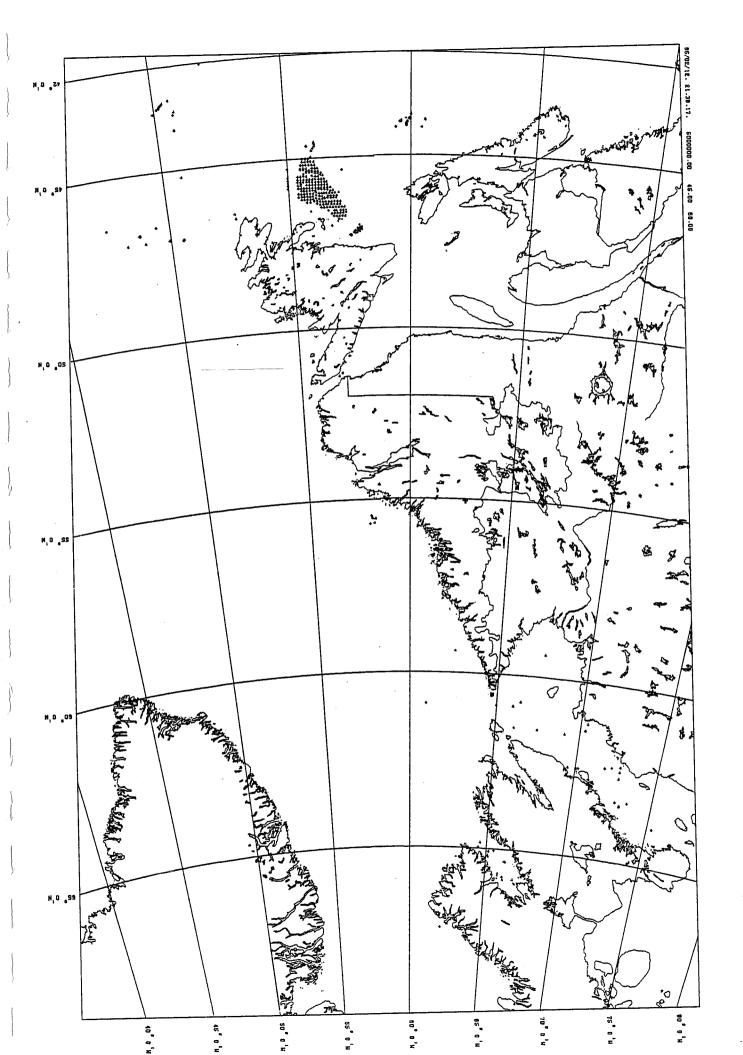
DREDGE SAMPLES OFF NORTHERN AXEL HEIBERG ISLAND, HIGH ARCTIC.

DREDGE SAMPLES OFF NORTHERN AXEL HEIBERG ISLAND, HIGH ARCTIC.

	100 ° 0 'N	M 0 66	M 0 86	M 0 76		94 0 'W	M 0 86	
								81°30'N
					+		~~~	81°15 N
-				+ + +	5		~~	81° 0'N
מסיים מיים						2		80°45 ¹ N
00.0							0	80°30'N
000001				5				80°15 N
12.21	~ (5)				~	1		80 15 N
				1/2		-		80° 0'N

1.43. 1000000.00 75.00 80.00

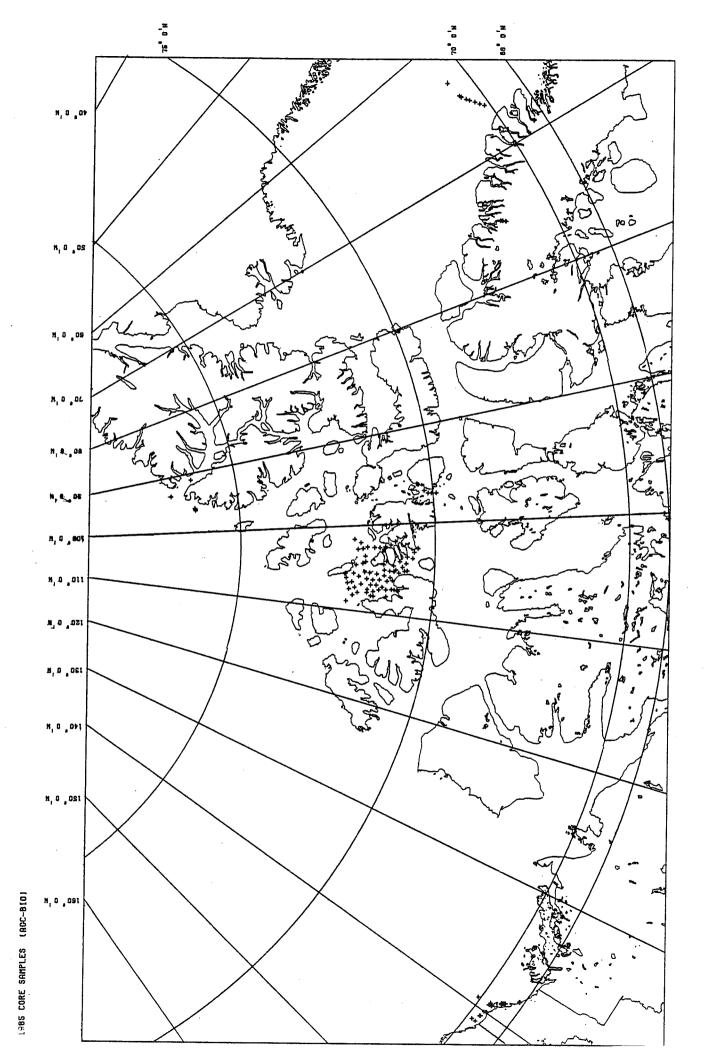




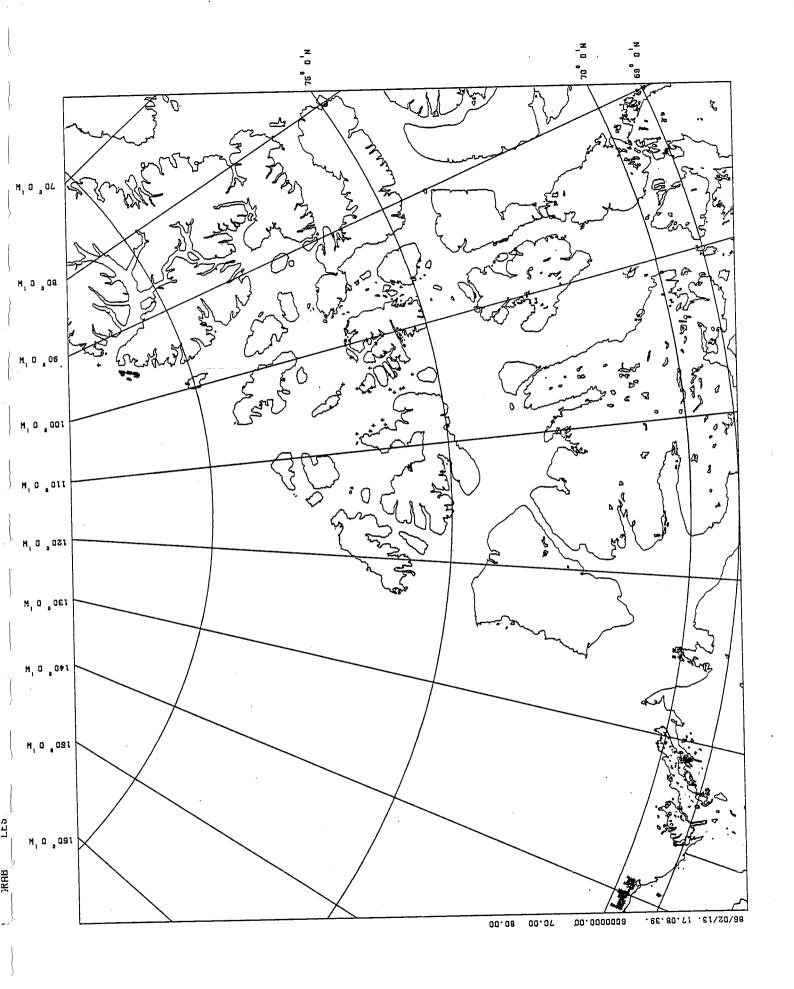
CORE SAMPLES FROM THE BEAUFORT SEA AND ARCTIC ISLAND CHANNEL.

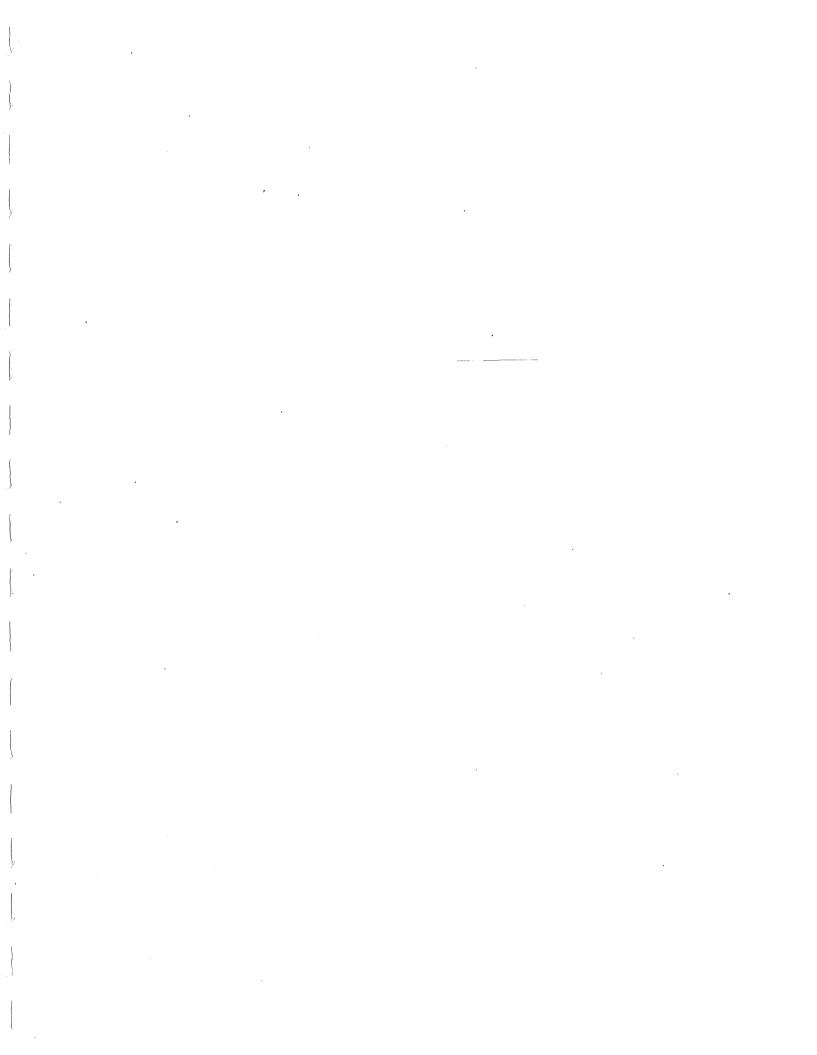
CORE SAMPLES FROM THE BEAUFORT SEA AND ARCTIC ISLAND CHANNEL.

CORE SAMPLES FROM THE BEAUFORT SEA AND ARCTIC ISLAND CHANNEL.



GRAB SAMPLES FROM THE BEAUFORT SEA AND ARCTIC ISLAND CHANNEL.





APPENDIX I

					_			_		_		_	_	_	_	_	_	_	_	_	_		0	C		0
LENGTH	330.0	•	4.		330.0	0.0		0.9		38.0	45.0	42.0	42.0	40.0	38.0	38.0	45.0	42.0	170.0	1800.0	180.0		300.0	0.0		357.0
TYPE	PICTON		TRIGGER	WEIGHT	PISTON	TR I GGER	WEIGHT	PISTON	BOX	BOX	ВОХ	BOX	BOX	BOX	ВОХ	ВОХ	BOX	BOX	GRAVITY	PISTON	TR I GGER	WEIGHT	GRAVITY	TR I GGER	WEIGHT	PI STON
SAMPLE	שמטט	7	CORE		CORE	CORE		CORE	CORE	CORE	CORE	CORE	CORE	CORE	CORE	CORE	CORE	CORE	CORE	CORE	CORE		CORE	CORE		CORE
JULIAN	83	70	82		85	83		83	84	84	84	8	84	84	84	84	84	84	84	84	84		82	82		85
ОЕРТН	000 2	00000	3162.00		3162.00	4345.00		4345.00	3320.00	3320.00	3320.00	3320.00	3320.00	3320.00	3320.00	3320.00	3320.00	3320.00	3320.00	3285.00	3285.00		3189.00	4873.00		4873.00
GEOGRAPHIC AREA	MAT IMA ITHIOTIA	LAUKEN I AN FAN	LAURENTIAN FAN		LAURENTIAN FAN	LAURENTI AN FAN		LAURENTIAN FAN	LAURENTI AN FAN	LAURENTIAN FAN	LAURENTIAN FAN	LAURENTIAN FAN	LAURENTI AN FAN	LAURENTIAN FAN	LAURENTI AN FAN	LAURENTIAN FAN	LAURENT! AN FAN	LAURENTIAN FAN	LAURENTI AN FAN	LAURENTIAN FAN	LAURENTI AN FAN		LAURENTIAN FAN	LAURENTI AN FAN		LAURENTIAN FAN
SCI ENTI ST~SHIP		FIFEK, D./HUDSON	PIPER, D. / HUDSON		PIPER, D./HUDSON	PIPER, D. / HUD SON		PIPER, D./HUDSON	PIPER, D. /HUDSON	PIPER, D. / HUDSON	PIPER, D. / HUDSON	PIPER, D. /HUDSON	PIPER, D. /HUDSON	PIPER, D. / HUDSON	PIPER, D. / HUDSON	PIPER, D./HUDSON	PIPER, D. / HUDSON	PIPER, D. / HUD SON	PIPER, D./HUDSON	PIPER, D./HUDSON	PIPER, D. / HUDSON	•	PIPER, D./HUDSON	PIPER, D./HUDSON		PIPER, D./HUDSON
LONGITUDE	į	5	- 55 46' 19"		16	- 55 24' 25"			441	441		44	- 52 44' 34"	44	44		44				44		- 53 0' 50"			- 53 251 58"
STATION LATITUDE		44 71 25"	44 4' 28"		44 4' 28"	43 81 45"		<u>۔</u>	.9	,9	19	19	42 6' 41"	•	.9	.9	•	•	9	5	5		42 17' 37"	41 311 2"		41 31' 2"
		800	600		600	010		010	011	011A	0118	0110	0110	011E	011F	011H	0111	0113	012	013	013		014	015	<u>.</u>	015
CRUISE		* 85001	* 85001		* 85001	* 85001		* 85001	* 85001	* 85001	* 85001	* 85001	* 85001	* 85001	* 85001	* 85001	* 85001	* 85001	* 85001	* 85001	* 85001)))	* 85001	* 85001		* 85001

Purpose: To investigate seabed stability in the vicinity of the offshore Albatross and Shubenacadie wells by cores and seismic profiles on the Scotian Shelf.

SAMPLE TYPE LENGTH	CORE TRIGGER 47.0 WEIGHT	CORE PISTON 845.0	WEIGHT	WEIGHT PISTON TRIGGER WEIGHT	WEIGHT PISTON TRIGGER WEIGHT PISTON TRIGGER TRIGGER	WEIGHT PISTON TRIGGER WEIGHT PISTON TRIGGER WEIGHT PISTON TRIGGER	WEIGHT PISTON TRIGGER	WEIGHT PISTON TRIGGER WEIGHT PISTON TRIGGER WEIGHT PISTON TRIGGER WEIGHT PISTON TRIGGER WEIGHT TRIGGER WEIGHT TRIGGER
JULIAN S	O 6L	79 C		79 08				
DEP TH	1322.00	1322.00 1162.00		1162.00	1162.00 1174.00 1174.00	1162.00 1174.00 1174.00 1497.00 1460.00	1162.00 1174.00 1174.00 1497.00 1460.00 1866.00	1162.00 1174.00 1174.00 1497.00 1460.00 1866.00 1866.00
GEOGRAPHIC AREA	LAURENTIAN FAN	LAURENTIAN FAN LAURENTIAN FAN		LAURENTIAN FAN LAURENTIAN FAN	LAURENTIAN FAN LAURENTIAN FAN LAURENTIAN FAN	LAURENTIAN FAN LAURENTIAN FAN LAURENTIAN FAN LAURENTIAN FAN	LAURENTIAN FAN	LAURENTIAN FAN
SCI ENTI ST-SHIP	PIPER,D./HUDSON	PIPER,D./HUDSON PIPER,D./HUDSON		PIPER,D./HUDSON PIPER,D./HUDSON	PIPER, D. / HUD SON PIPER, D. / HUD SON PIPER, D. / HUD SON	PIPER, D. / HUD SON	PIPER, D. / HUD SON PIPER, D. / HUD SON	PIPER, D. / HUD SON
LONGITUDE	- 61 37' 11"	- 61 37 ¹ 11 ¹¹ - 61 35 ¹ 2 ¹¹	74 76	- 61 42' 17"	61 42° 61 42° 61 42° 61 41°	61 42' 61 42' 61 41' 61 41' 61 41'	61 421 61 421 61 411 61 411 61 421 61 321	61 421 61 421 61 411 61 411 61 421 61 321 61 321
LATITUDE	42 7' 50"	42 7' 50" 42 50' 56"	12 501 5611					
CRUISE STATION	100	001	000	003	003 003 004	003 003 004 005	003 004 005 006 006	003 004 005 006 006 006
CRUI SE	* 85001	* 85001 * 85001	* 85001	* 85001	* 85001 * 85001	* 85001 * 85001 * 85001 * 85001		

Purpose : To test the NORDCO seabed rock core drill on the Grand Banks. Drilling, sampling and platform attitude parameters were monitored.

STATION LATITUDE	TITUDE	1	LONGITUDE	SCIENTIȘT-SHIP	GEOGRAPHIC AREA I	DEРТН	JULIAN	SAMPLE	ТҮРЕ	LENGTH
001A 46		46 34' 16"	- 49 30' 3"	FADER, G./HUDSON	LARGE BURIED CHANNEL SOUTH WEST	38.00	%	CORE	PISTON	43.0
001B 46 34	34.	34' 18"	- 49 30' 0"	FADER, G./HUDSON	CHANNEL SOUTH WEST	38.00	%	GRAB	I KU	
001B 46 34'	¥	18"	- 49 30' 0"	FADER, G./HUDSON	OF HIBERNIA LARGE BURIED CHANNEL SOUTH WEST	38.00		GRAB	I KU	
001B 46 34' 18"	¥.	18"	- 49 30' 0"	FADER, G./HUD SON	OF HIBERNIA LARGE BURIED CHANNEL SOUTH WEST	38.00	96	GR AB	I.KU	
002A 46 34	34.	37"	- 49 29' 52"	FADER, G./HUDSON	OF HIBERNIA LARGE BURIED CHANNEL SOUTH WEST	38.00	%	CORE	TR IGGER WEIGHT	0.0
002A 46 34'	34.	37"	- 49 291 5211	FADER, G./HUDSON	OF HIBERNIA LARGE BURIED CHANNEL SOUTH WEST	38.00	96	CORE	PISTON	0.0
002B 46 34'	34.	34' 37"	- 49 29' 52"	FADER, G./HUDSON	OF HIBERNIA LARGE BURIED CHANNEL SOUTH WEST	38.00	96	GRAB	VAN VEEN	
002B 46 34	34	35"	- 49 29' 49"	FADER, G./HUD SON	CHANNEL SOUTH WEST	38.00	96	GRAB	VAN VEEN	
003A 43 491	3 49	. 20	- 50 44' 39"	FADER, G./HUD SON	SOUTHEAST OF SOUTHWEST SHOAL, GRAND BANKS, NFLD	71.00	100	GRAB	<u>N</u>	

LENGTH			61.0		283.0	78.0	55.0		111.0	0•0		23.0	
					ñ	•	-		-				_
TYPE	Ξ <u>Y</u>	<u>3</u>	PISTON VAN VEEN	VAN VEEN	PISTON	TR IGGER WEIGHT	TRIGGER	WEIGHI VAN VEEN	PISTON	TR IGGER WEIGHT	VAN VEEN	PISTON	VAN VEEN
SAMPLE	GRAB	GRAB	CORE	GRAB	CORE	CORE	CORE	GRAB	CORE	CORE	GRAB	CORE	GRAB
JULIAN	100	100	101	101	101	101	101	101	101	101	101	101	101
ОЕРТН	73.00	62.30	82.00	80.00	70.00	70.00	39.00	72.00	39.00	00•99	99*	00•99	77.00
GEOGRAPHIC AREA	SOUTHEAST OF SOUTHWEST SHOAL, GRAND BANKS,NFLD	SOUTHEAST OF GRAND BANKS,NFLD	GRAND BANKS, NFLD	GRAND BANKS, NFLD	GRAND BANKS, NFLD	GRAND BANKS, NFLD	TAIL OF GRAND	BANKS,NFLD TAIL OF GRAND	BANKS,NFLD TAIL OF GRAND	BANKS,NFLD TAIL OF GRAND BANKS.NFLD	TAIL OF GRAND BANKS, NFLD	TAIL OF GRAND BANKS,NFLD	TAIL OF GRAND BANKS,NFLD
SCIENTIST-SHIP	FADER, G./HUDSON	FADER, G./HUDSON	FADER, G. /HUDSON	FADER, G. / HUDSON	FADER, G. /HUDSON	FADER, G./HUDSON	FADER, G./HUDSON	FADER, G. / HUDSON	FADER, G./HUDSON	FADER, G./HUDSON	FADER, 6./HUDSON	FADER, G./HUDSON	FADER, G./HUDSON
LONGITUDE	- 50 44¹ 47"	- 50 44' 43"	- 50 47' 55" - 50 47' 55"	50 48	471	- 50 47' 55"	- 50 46' 50"	- 50 46' 37"	- 50 46' 37"	- 50 381 3011	- 50 381 3011	- 50 38† 30#	- 50 24' 7"
LATITUDE	43 50' 35"	43 511 25"	43 12' 48"		171	43 17' 30"	43 221 3711	43 231 511	43 231 511	42 571 391	42 571 39"	42 571 3911	43 1' 42"
STATION	004A	005A	006A	2000	700	007	800	800	800	600	600	600	010
CRUI SE	* 85005	* 85005	* 85005	* 85005	* 85005	* 85005	* 85005	* 85005	* 85005	* 85005	* 85005	* 85005	* 85005

CRUI SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JUL I AN	SAMPLE	TYPE	LENGTH
	1 1 1 1 1 1 1									
* 85005	011	43 31 47"	- 50 211 25"	FADER, G./HUDSON	TAIL OF GRAND BANKS, NFLD	72.00	101	GRAB	VAN VEEN	
* 85005	012	43 5' 42"	- 50 18' 32"	FADER, G./HUDSON	TAIL OF GRAND BANKS, NFLD	37.00	102	GRAB	VAN VEEN	
* 85005	013	43 7' 35"	- 50 15' 54"	FADER, G./HUDSON	TAIL OF GRAND RANKS NELD	00*89	102	GRAB	VAN VEEN	
* 85005	014	43 91 31"	- 50 15' 43"	FADER, G./HUD SON	TAIL OF GRAND RANKS NEID	00*99	103	GRAB	VAN VEEN	
* 85005	015	43 111 30"	- 50 91 5711	FADER, G./HUDSON	TAIL OF GRAND BANKS, NFLD	00•19	103	GRAB	VAN VEEN	
* 85005	016	43 17" 42"	- 50 1' 22"	FADER, G./HUDSON	TAIL OF GRAND BANKS, NFLD	65.80	102	DREDGE	EPIBENTHIC SLED	
* 85005	016	43 191 711	- 49 591 31"	FADER, G./HUDSON	TAIL OF GRAND BANKS, NFLD	65.80	102	GRAB	VAN VEEN	
* 85005	. 710	47 11 24"	- 50 34' 4"	FADER, G. /HUDSON	DOWNING BASIN, NFLD	0 153.00	105	CORE	PISTON	195.0
* 85005	017	47 2' 13"	- 50 33' 54"	FADER, G./HUD SON	DOWNING BASIN, NFLC	NFLD 153.00	102	GRAB	VAN VEEN	
* 85005	017	47 1' 24"	- 50 34' 4"	FADER, G./HUDSON	DOWNING BASIN, NFLD	0 153.00	105	CORE	TRIGGER WFIGHT	0.0
* 85005	018	47 0' 0"	- 50 34' 44"	FADER, G./HUDSON	DOWNING BASIN, NFLE	NFLD 128.00	105	CORE	TRIGGER	20.0
* 85005	018	47 01 2011	- 50 34' 40"	FADER, G./HUD SON	DOWNING BASIN, NFLE	NFLD 128.00	105	GRAB	VAN VEEN	
* 85005	018	47 0' 0"	- 50 34' 44"	FADER, G./HUDSON	DOWNING BASIN, NFLD	0 128.00	105	CORE	PISTON	363.0
* 85005	019	47 0' 29"	- 50 37' 1"	FADER, G./HUDSON	DOWNING BASIN, NFLD	D 174.00	105	GRAB	VAN VEEN	
* 85005	019	47 0' 15"	- 50 36' 21"	FADER, G. / HUD SON	DOWNING BASIN, NFLD	D 174.00	105	CORE	PISTON	892.0
* 85005	019	47 0' 15"	- 50 36' 21"	FADER, G./HUDSON	DOWNING BASIN, NFLD	D 174.00	105	CORE	TR 16GER	0.0
									WEI GHT	
* 85005	020	271	40	FADER, G. / HUDSON	MOTION BAY, NFLD	35.00	109	GRAB	VAN VEEN	
* 85005	021	46 27 5"	- 52 46' 58"	FADER, G. / HUDSON	SOUTH OF AVALON PENINSULA, GRAND	182.00	110	GRAB	VAN VEEN	
* 85005	022	46 34' 1"	- 53 12' 9"	FADER, G./HUDSON	BANKS,NFLD SOUTHEAST OF TRE SPASSEY BAY,NFLD	47.00	=======================================	GRAB	VAN VEEN	

Purpose: To evaluate genesis and stability of the surficial unconsolidated sediments of Sable Island Bank and Banquereau Bank, Scotian Shelf.

ТҮРЕ	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN
SAMPLE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
JULIAN	115	115	115	115	115	115	115	115	115	115
ОЕРТН	35.00	36.00	36.00	27.00	33.00	27.00	33.00	27.00	36.00	37.00
GEOGRAPHI C AREA	SABLE ISLAND, SCOTIAN SHELF,	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,	VENTURE SITE SABLE ISLAND, SCOTIAN SHELF,	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,	VENTURE SITE SABLE ISLAND, SCOTIAN SHELF,	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,	VENTURE SITE SABLE ISLAND, SCOTIAN SHELF,	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,
SCIENTI ST-SHIP	AMOS, C./BAFF IN	AMOS, C./BAFFIN	AMOS,C./BAFFIN	AMOS, C./BAFFIN	AMOS, C./BAFF IN	AMOS, C./BAFFIN				
LONGITUDE	- 59 52' 24"	- 59 521 2311	- 59 521 2311	- 59 39' 47"	- 59 52' 22"	- 59 391 28"	- 59 52' 22"	- 59 391 3711	- 59 52' 17"	- 59 52' 14"
LATITUDE	44 6' 27"	44 51 2811	44 31 57"	43 56' 36"	44 2' 28"	43 56' 36"	44 11 22"	43 56¹ 39"	44 4' 59"	44 5' 51"
STATION	013	014	015	016	016	017	017	018	018	610
ORUI SE	* 85007	* 85007	* 85007	* 85007	* 85007	* 85007	* 85007	* 85007	* 85007	* 85007

CRUI SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JULIAN	SAMPLE	TYPE
* 85007	019	43 56' 39"	- 59 39' 14"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	27.00	115	GRAB	VAN VEEN
* 85007	020	44 6' 14"	- 59 52' 4"	AMOS, C./BAFFIN	VENTURE SITE SABLE ISLAND, SCOTIAN SHELF,	37.00	. 15	GRAB	VAN VEEN
* 85007	021	43 56' 31"	- 59 39' 16"	AMOS, C./BAFFIN	CLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,	28.00	115	GRAB	VAN VEEN
* 85007	021	44 5' 6"	- 59 52' 8"	AMOS, C./BAFFIN	VENTURE SITE SABLE ISLAND, SCOTIAN SHELF,	36.00	115	GRAB	VAN VEEN
* 85007	022	43 56' 31"	- 59 39' 15"	AMOS, C./BAFFIN	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,	27.00	115	GRAB	VAN VEEN
* 85007	022	44 6' 35"	- 59 51' 56"	AMOS, C./BAFFIN	VENTURE SITE SABLE ISLAND, SCOTIAN SHELF,	37.00	115	GRAB	VAN VEEN
* 85007	023	43 56' 24"	- 59 39' 14"	AMOS, C./BAFFIN	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,	28.00	115	GRAB	VAN VEEN
* 85007	023	44 6' 21"	- 59 51' 47"	AMOS, C./BAFFIN	VENTURE SITE SABLE ISLAND, SCOTIAN SHELF,	37.00	115	GRAB	VAN VEEN
* 85007	024	43 56' 17"	- 59 39' 23"	AMOS, C./BAFF IN	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF,	27.00	115	GRAB	VAN VEEN
* 85007	024	44 51 0"	- 59 51' 49"	AMOS,C./BAFFIN	VENTURE SITE SABLE ISLAND, SCOTIAN SHELF,	34.00	115	GRAB	VAN VEEN
* 85007	025	43 56' 11"	- 59 39' 27"	AMOS, C./BAFFIN	OLYMPIA SITE SABLE ISLAND, SCOTIAN SHELF, VENTURE SITE	27.00	115	GRAB	VAN VEEN

CRUI SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE
* 85007	025	44 5' 19"	- 59 51' 46"	AMOS, C./BAFF I N	SABLE ISLAND, SCOTIAN SHELF, O YMPIA SITE	37.00	115	GRAB	VAN VEEN
* 85007	970	43 56' 6"	- 59 391 46"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	27.00	115	GRAB	VAN VEEN
* 85007	970	44 4' 11"	- 59 51' 36"	AMOS, C./BAFF IN	SABLE ISLAND, SCOTIAN SHELF,	37.00	115	ĢRAB	VAN VEEN
* 85007	027	44 2' 28"	- 59 511 47"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF, A YMPIA SITE	34.00	115	GRAB	VAN VEEN
* 85007	027	43 56' 16"	- 59 391 4511	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	27.00	115	GRAB	VAN VEEN
* 85007	028	44 1' 51"	- 59 51' 55"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	35.00	115	GRAB	VAN VEEN
* 85007	028	43 56' 8"	- 59 391 551	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	27.00	115	GRAB	VAN VEEN
* 85007	029	43 56' 4"	- 59 39! 57"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	27.00	115	GRAB	VAN VEEN
* 85007	029	44 2' 28"	- 59 52' 3"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	35.00		GRAB	VAN VEEN
* 85007	030	44 3' 48"	- 59 52' 13"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF, OFYMPIA SITE	36.00	115	GRAB	VAN VEEN
* 85007	030	43 56' 17"	- 59 391 591	AMOS, C./BAFFIN	SABLE ISLAND, SCOTI AN SHELF,	26.00	115	GRAB	VAN VEEN
* 85007	031	44 2' 46"	59 521 1311	AMOS, C./BAFF IN	SABLE ISLAND, SCOTIAN SHELF, OLYMPIA SITE	36.00	115	GRAB	VAN VEEN

STATION LATITUDE	_ i	ATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JUL I AN	SAMPLE	TYPE
031 43 56' 23"	561		- 59 391 5511	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	26.00	115	GRAB	VAN VEEN
032 44 11 32"	44 11 32"		59 52' 12"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	34.00	115	GRAB	VAN VEEN
032 43 56' 30"	43 56' 30"		- 59 391 57"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	26.00	115	GR AB	VAN VEEN
033 44 0' 59"	44 0' 59"		- 59 52' 0"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF,	33.00	115	GR AB	VAN VEEN
033 43 56' 6"	561		- 59 40' 7"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTI AN SHELF, VENTIRE SITE	30.00	115	GRAB	VAN VEEN
034 43 56' 16"			- 59 40' 7"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTI AN SHELF,	30.00	115	GRAB	VAN VEEN
035 43 56¹ 22"	56'		- 59 40' 7"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF, VENTURE SITE	30.00	115	GRAB	VAN VEEN
036 43 56' 32"	56		- 59 40' 5"	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF, VENTURE SITE	30.00	115	GR AB	VAN VEEN
037 43 56' 39"			- 59 401 8#	AMOS, C./BAFFIN	SABLE ISLAND, SCOTIAN SHELF, VENTURE SITE	30.00	115	GR AB	VAN VEEN

Purpose: Phase 1 and Phase 2; A Hydrographic cruise that provided a suite of surficial samples in the vicinity of the St. Pierre Bank, on an opportunity basis.

CRUI SE	STATION	CRUISE STATION LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE
* 85009	100	47 14' 21"	- 57 30' 35"	C.H.S./BAFFIN	ST. PIERRE BANK,	122.00	128	GRAB	VAN VEEN
* 85009	002	47 16' 28"	- 57 331 3511	C.H.S./BAFFIN	ST. PIERRE BANK,	83.00	128	GRAB	VAN VEEN
						;	,	!	
* 85009	003	47 14' 46"	- 57 33' 46"	C.H.S./BAFFIN	ST. PIERRE BANK,	90.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	900	47 9' 52"	- 57 39' 57"	C.H.S./BAFFIN	ST. PIERRE BANK,	91.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	005	47 71 311	- 57 431 48"	C.H.S./BAFF IN	ST. PIERRE BANK,	82.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	900	47 11' 4"	- 57 43' 40"	C.H.S./BAFFIN	ST. PIERRE BANK,	93.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	200	47 10' 35"	- 57 48' 28"	C.H.S./BAFFIN	ST. PIERRE BANK,	91.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	800	47 6' 35"	- 57 49' 19"	C.H.S./BAFFIN	ST. PIERRE BANK,	65.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	600	47 21 45"	- 57 49' 26"	C.H.S./BAFFIN	ST. PIERRE BANK,	89.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	010	46 57 11"	- 57 54' 28"	C.H.S./BAFFIN	ST. PIERRE BANK,	81.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	011	47 11 44"	- 57 54' 57"	C.H.S./BAFFIN	ST. PIERRE BANK,	73.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	012	47 4' 49"	- 57 54' 39"	C.H.S./BAFFIN	ST. PIERRE BANK,	70.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	013	47 8' 18"	- 57 54' 50"	C.H.S./BAFFIN	ST. PIERRE BANK,	98.00	128	GRAB	VAN VEEN
PHASE1					NFLD				
* 85009	014	47 41 40"	- 58 0' 7"	C.H.S./BAFFIN	ST. PIERRE BANK,	85.00	128	GRAB	VAN VEEN
PHASE1	-				NFLD				
* 85009	015	47 0' 41"	- 58 0' 14"	C.H.S./BAFFIN	ST. PIERRE BANK,	97.00	128	GRAB	VAN VEEN
PHASE1					NFLD	,			

CRU1 SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	ТҮРЕ
i									
Ç	100	47 14' 21"	- 57 30' 36"	FADER, G./BAFFIN	ST. PIERRE BANK, NFLD	122.00	128	GRAB	VAN VEEN
_	002	47 16' 28"	- 57 33' 37"	FADER, G./BAFFIN	ST. PIERRE BANK,	83.00	128	GRAB	VAN VEEN
	2003	47 14' 46"	- 57 331 45"	FADER, G./BAFFIN	ST. PIERRE BANK,	00°06	128	GRAB	VAN VEEN
	004	47 91 52"	- 57 391 5711	FADER, G./BAFFIN	NFLD ST. PIERRE BANK,	91.00	128	GRAB	VAN VEEN
	005	47 71 311	- 57 43' 47"	FADER, G./BAFFIN	NFLD ST. PIERRE BANK,	82.00	128	GRAB	VAN VEEN
	900	47 11' 4"	- 57 431 39"	FADER, G. /BAFFIN	NFLD ST. PIERRE BANK,	93.00	128	GRAB	VAN VEEN
	1	Ş				3	0	9	
	/00	47 101 55"	- 5/ 48' 29"	FADEK, G./BAFFIN	NFLD	00.16	97 -	orga B	VAIN VE EIN
	800	47 6' 35"	- 57 49' 17"	FADER, G./BAFFIN	ST. PIERRE BANK, NFLD	65.00	128	GRAB	VAN VEEN
	600	47 2' 45"	- 57 49' 26"	FADER, G./BAFFIN	ST. PIERRE BANK,	89.00	128	GRAB	VAN VEEN
	010	46 57" 11"	- 57 54' 29"	FADER, G./BAFFIN	ST. PIERRE BANK,	81.00	128	GRAB	VAN VEEN
	011	47 1' 44"	- 57 54' 58"	FADER, G./BAFFIN	ST. PIERRE BANK,	73.00	128	GRAB	VAN VEEN
	:	. ;	;		NFLD	ć	,	0	
	012	47 4' 49"	- 5/ 54' 40"	FADEK, G./BAFFIN	SI. PIERKE BANK, NFLD	00.0/	97	GKAB	VAN VEEN
	013	47 8' 18"	- 57 54' 50"	FADER, G./BAFFIN	ST. PIERRE BANK,	98.00	128	GR AB	VAN VEEN
	014	47 4' 40"	- 58 01 711	FADER, G./BAFFIN	NFLD ST. PIERRE BANK,	85.00	128	GRAB	VAN VEEN
	015	47 0' 41"	- 58 01 1311	FADER, G./BAFFIN	NFLD ST. PIERRE BANK,	97.00	128	GRAB	VAN VEEN
		=			NFLD				
	016	46 491 011	- 57 11 2"	FADER, G./BAFFIN	ST. PIERRE BANK, NFLD	100.00	155	GRAB	VAN VEEN

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TYPE	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	1 1 2 2	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN		VAIN VEEN	VAN VEEN	VAN VEEN	
SAMPLE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	Ç	GRAB	GRAB	GRAB	GRAB	GRAB		GKAB	GRAB	GRAB	
JUL I AN	155	155	155	155	155	155	155	155	155	i i	दर्	156	156	156	156	1	8	156	156	٠
ОЕРТН	94.00	80.00	88.00	95.00	58.00	56.00	51.00	54.00	57.00	9	48.00	45.00	43.00	44.00	95.00		72.00	49.00	75.00	
GEOGRAPHIC AREA	ST. PIERRE BANK,	NFLD ST. PIERRE BANK,		ST. PIERRE BANK, NFLD	ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK.	NFLD		ST. PIERRE BANK,	ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD							
SCIENTIST-SHIP	FADER, G./BAFFIN	FADER, G./BAFF!N	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G. /BAFF!N	FADER, G./BAFFIN	FADER, G. /BAFFIN	FADER. G. /BAFF IN		FADER,G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER_G./BAFFIN	CADED A VBACCIN		FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	
LONGITUDE	- 56 35' 46"	- 57 3' 19"		- 57 191 25"	- 57 121 711	- 57 4' 58"	- 56 581 111	- 56 501 511	451	:	- 56 53' 4"	- 57 01 2511	- 57 7' 22"	- 57 141 2911	: 5	17 16	- 57 211 50"	- 57 14' 57"	- 57 71 58"	
LATITUDE	46 44' 56"	46 45' 18"		46 40' 35"	46 40' 25"	46 40' 26"	46 40' 38"			`	46 35' 30"	46 351 22"	46 35' 4"	121 131	, ,		46 29' 5"	46 301 32"	46 301 27"	; !
STATION	017	018	019	020	021	022	023	024			970	027	028	000		R O	031	032	033	}
CRUI SE	* 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2	PHASE2		* 85009 PHASE2	* 85009	PHASE2 * 85009	PHASE2		* 85009 PHASE2	* 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2

STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHI C AREA	ОЕРТН	JULIAN	SAMPLE	ТҮРЕ
	46 30' 23"	- 56 57' 43"	FADER, G./BAFFIN	ST. PIERRE BANK,	43.00	156	GRAB	VAN VEEN
	46 30' 21"	- 56 52' 50"	FADER, G./BAFF!N	NFLD ST. PIERRE BANK,	45.00	156	GRAB	VAN VEEN
	46 56' 37"	- 56 45' 11"	FADER, G./BAFFIN	NFLD ST. PIERRE BANK,	62.00	156	GRAB	VAN VEEN
				NFLD		•		
	46 30' 2"	- 56 38' 0"	FADER, G./BAFFIN	ST. PIERRE BANK,	58.00	156	GRAB	VAN VEEN
	46 251 201	- 56 341 2611	CANED C VBACCIN	NFLD ST PIERPE BANK	71,00	156	GP AB	VAN VEEN
		?	1 ADEN, 047 EAL I IN	NFLD	-	2		
	46 25 9"	- 56.411 37"	FADER, G./BAFFIN	ST. PIERRE BANK,	57.00	156	GR AB	VAN VEEN
				NFLD	-			
	46 25 34"	- 56 49' 4"	FADER, G./BAFFIN	ST. PIERRE BANK,	48.00	156	GRAB	VAN VEEN
	100 120 74	170 171 71		OT DIEDOE DANK	A .	156	GD AB	VAN VEEN
		?		NFLD	2	}) 5	
	46 25' 41"	- 57 3' 41"	FADER, G./BAFFIN	ST. PIERRE BANK,	41.00	156	GRAB	VAN VEEN
				NFLD				
	46 25' 35"	- 57 10' 54"	FADER, G./BAFF IN	ST. PIERRE BANK,	45.00	156	GRAB	VAN VEEN
				NFLD				
	46 25 29"	- 57 17' 53"	FADER, G./BAFFIN	ST. PIERRE BANK,	54.00	156	GRAB	VAN VEEN
	45 201 31"	- 57 141 12"	FADER. G. /BAFF IN	ST. PIERRE BANK.	74.00	156	GRAB	VAN VEEN
				NFLD				
	46 20' 38"	- 57 7' 20"	FADER, G./BAFFIN	ST. PIERRE BANK,	44.00	156	GRAB	VAN VEEN
	•			NFLD				
	46 201 37"	- 57 01 511	FADER, G./BAFF!N	ST. PIERRE BANK,	44.00	156	GR AB	VAN VEEN
	46 201 38"	- 56 52' 25"	FADER, G./BAFF!N	ST. PIERRE BANK,	46.00	156	GRAB	VAN VEEN
					1	ļ	!	
	46 19' 55"	- 56 45' 19"	FADER, G./BAFFIN	ST. PIERRE BANK, NFLD	57.00	156	GRAB	VAN VEEN
	46 201 6"	- 56 36' 50"	FADER.G./BAFFIN	ST. PIERRE BANK,	58.00	156	GRAB	VAN VEEN
	ì	} }	•	NFLD				

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TYPE	VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN	٠	VAN VEEN		VAN VEEN	
SAMPLE	GRAB	3	GRAB		GRAB		·GRAB		GRAB		GRAB		GRAB		GRAB		GRAB																	
JULIAN	156	?	157		157		157		157		157		157		157		157		157		157		157		157		157		157	steen 19	157		157	
ОЕРТН	55.00		57.00		54.00		58.00		51.00		56.00		00.09		65.00		00.09		54.00		58.00		48.00		59.00		55.00		49.00		49.00		50.00	
GEOGRAPHI C AREA	ST. PIFRRF BANK	NFLD	ST. PIERRE BANK,	NFLD .	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD																		
SCIENTIST-SHIP	FADER, G. /BAFFIN		FADER, G./BAFFIN	•	FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFF!N		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G. /BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN									
LONGI TUDE	- 56 32' 21"		- 56 32' 4"		- 56 39' 46"		- 56 46' 19"		- 56 531 25"		- 57 11 8"		- 57 8' 13"		- 57 4' 59"		- 56 57† 58"		- 56 51' 1"		- 56 44' 16"		- 56 36' 36"		- 56 291 4"		- 56 291 2911		- 56 371 44"		- 56 44' 55"		- 56 52' 18"	
LATITUDE	46 191 53"		46 15' 29"		46 15 41"		46 15' 32"		46 15' 28"		46 15' 41"		46 15' 47"		46 0' 4"		46 8' 49"		46 8' 51"		46 9' 11"		46 8' 34"		46 8' 25"		46 91 55"		46 5' 29"		46 5' 33"		46 51 38"	
STATION	051		052		053		054		055		056		057		058		059		090		190		062		900		064		065		990		190	
CRUI SE	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2

- 56 59' 24"
- 56 55' 5"
56 481 611
- 56 41' 11"
- 56 331 51"
- 56 27' 40"
- 56 22' 7"
- 56 23' 11"
37" - 56 231 29"
39" - 56 25' 3"
43" - 56 25' 45"
41" - 56 27' 14"
24" - 56 20' 25"
47" - 56 17' 55"
- 56 17' 49"
28" - 56 15' 55"
- 56 16' 17"
- 56 15' 56"
2" - 56 8' 43"

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TYPE	VAN VEEN	7	A	747	NY.	74.4	2		VAN	;	VAN	:	A N		A A N	:	VAN		V AN	NAN	E	NAV	2	VAN	Š	747	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MAN	NY.	7	*	VAN		
SAMPLE	GRAB	9	GKAB	9	GKAB	9	6KA0		GKAB	1	GKAB	,	GRAB		GRAB		GRAB	9	GKAB	9	GKAB	9	OK AB	O O	2	. 0	GRAB	9	GRAB B	Ç	GKAB	O V O		
JUL I AN	158		22		200	ţ	<u>8</u>	į	28		28		158		158		158		158	•	8	4	200	•	2	•	200		28		86	100	?	
DEPTH	00•99	;	/3.00	G G	78.00		00.76	,	106.00		80.00		73.00		00.09		70.00	;	72.00	;	65.00	i I	00.8/	3	84•00		2/•00	0	00.69	,	71.00	00	00.70	
GEOGRAPHIC AREA	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,		ST. PIERRE BANK,		ST. PIERRE BANK,		ST. PIERRE BANK,		ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,		ST. PIERRE BANK,		ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	SI. PIEKKE BANK,	NFLD	ST. PIERRE BANK,	NALD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	SI. PIEKKE BANK,	NFLD
SCIENTI ST-SHIP	FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFF IN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFF!N		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G. /BAFF IN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN	
LONGITUDE	- 56 81 35"		- 56 8' 31"	,	- 56 10' 42"		- 56 10' 31"		- 56 31 36"		- 56 11 7"		- 56 1' 12"		- 56 1' 43"		- 55 54' 23"		- 55 54' 26"		- 55 54' 31"		- 55 54' 32"		- 55 45' 59"		- 55 47' 33"		- 55 47' 33"		- 55 46' 52"		- 55 39' 40"	
LATITUDE	46 31 11"		46 81 38"		46 13' 27"		46 18' 23"		46 13' 58"		46 10' 38"		46 5' 41"		46 0' 54"		46 0' 52"		46 5' 46"		46 11' 2"		46 15' 47"		46 15' 50"		46 10' 43"		46 5' 30"		46 0' 36"		46 0' 52"	
STATION			980		680		060		160		092		093		094		095		960		260		860		660		100		101		102		103	
CRUISE	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2

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TYPE	VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN	
SAMPLE	GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB	
JULIAN	158		158		158		158		158		158		158		158		158		158		158		158		159		159		159		159	
DEPTH	00.09		64.00		87.00		62.00		82.00		75.00		65.00		91.00		91.00		72.00		62.00		00.09		54.00	•	26.00		54.00		55.00	-
GEOGRAPHIC AREA	ST. PIERRE BANK.		ST. PIERRE BANK,	NFLD																												
SCIENTIST-SHIP	FADER, G. /BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN	
LONGITUDE	- 55 40' 10"	`	- 55 401 711		- 55 32' 57"		- 55 33' 56"		- 55 25' 56"		- 55 26' 0"		- 55 32' 53"		- 55 27" 1"		- 55 33' 1"		- 55 39' 18"		- 55 46' 41"		- 55 54' 7"		- 56 11 11"		- 56 8' 10"		- 56 15' 43"		- 56 22' 52"	
LATITUDE	46 5' 30"	١	46 10' 39"		46 10' 56"		46 51 38"		46 51 59"		46 0' 50"		46 11 9"		46 55' 49"		45 55" 14"		45 55' 20"		45 55' 26"		45 55 5"		45 55' 4"		45 551 19"		45 531 30"		45 531 31"	
STATION	104		105		106		107		108		109		110		111		112		113		114		115		116		117		118		119	
CRUISE	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2

TYPE	NAV	AVIA ALEIN	VAN VEEN	1	VAN VEEN	i	VAN VEEN																													
SAMPLE		3	GRAB		, GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB	
JUL I AN	1.50		159	,	159		123		159		159		159		159		159		159		159		159		159		159		159		159		159		159	
DEPTH		200	51.00		55.00		00•69		61.00		57.00		53.00		51.00		50.00		53.00		51.00		53.00		57.00		27.00		00•99		95.00		79.00		62.00	
GEOGRAPHIC AREA	YINAG DOGD IG TO	SI - FIENNE BAINN,	ST. PIERRE BANK,		ST. PIERRE BANK,	NFLD																														
SCIENTIST-SHIP	TANED O JOAECIN	raden, 6.7 barr in	FADER, G./BAFFIN		FADER, G./BAFF!N		FADER, G./BAFFIN																													
LONGITUDE			- 56 37' 10"		- 56 44' 3"		- 56 51' 15"		- 56 44' 35"		- 56 37' 18"		- 56 30' 1"		- 56 21' 52"		- 56 15' 26"		- 56 8' 30"		- 56 0' 52"		- 55 53' 43"		- 55 46' 43"		- 55 39' 52"		- 55 321 5911		- 55 251 5911		- 55 251 3211		- 55 32' 50"	
LATITUDE		45 55. 51"	45 54' 0"		45 56' 44"		45 55' 44"		45 50' 42"		45 50' 40"		45 50' 52"		45 50' 58"		45 51' 4"		45 50' 59"		45 511 5"		45 50' 47"		45 50' 50"		45 50' 46"		45 50' 56"		45 50' 56"		45 45' 56"		45 45 1 59"	
STATION		<u> </u>	121		122		123		124		125		126		127		128		129		130		131		132		133		134		135		136		137	
CRUISE		, 85009 PHASE2	£ 85009	PHASE2	\$ 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2

•																																
түре	NO NO	VAN VEEN	VAN VEEN		VAN VEEN	VAN VEEN	VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN	
SAMPLE	0	GKAB	GRAB		GRAB	900	g S S		GRAB		GRAB		GRAB		GRAB		GR AB		GRAB													
JULIAN	-	<u> </u>	159		159	, G	80		159		120		159		159		159		159		159		159		160		160		160		160	
ОЕРТН	ç G	00.80	61.00		20.00	9	44.00	•	49.00		47.00		45.00		46.00		40.00		58.00		65.00		78.00		98.00		72.00		85.00		86.00	
GEOGRAPHIC AREA		SI. PIEKKE BANK, NFLD	ST. PIERRE BANK,		ST. PIERRE BANK,	0	SI. PIEKKE BANK,		ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	. OJJN	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK, NFLD																	
SCIENTIST-SHIP		FADER, G./BAFFIN	FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G. / BAFFIN		FADER, G./BAFFIN		FADER, G./BAFF!N		FADER, G./BAFFIN																			
LONGITUDE		- 55 39' 52"	- 55 47' 2"		- 55 54' 12"	,	- 56 1' 12"		- 56 8' '41"		- 56 81 46"		- 56 1' 2"		- 55 54' 1"		- 55 47' 2"		- 55 391 7"	•	- 55 321 16"		- 55 25' 1"		- 55 11:0"		- 55 11 38"		- 55 1' 50"		- 55 11 59"	
LATITUDE		45 55' 34"	45 45' 32"		45 45' 29"	!	45 45' 38"		45 45' 45"		45 40' 55"		45 40 54"		45 40' 6"		45 40' 12"		45 40' 15"		45 40' 22"		45 40' 22"		45 501 34"		45 45' 37"		45 411 911		45 36' 42"	
STATION		138	139		140		141		142		143		144		145		146	•	147		148		149		150		151		152		153	
CRUI SE		* 85009 PHASE2	* 85009	PHASE2	* 85009		* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009 PHACE2	115517

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TYPE	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	:	VAN VEEN	VAN VEEN	VAN VEEN	7		VAN VEEN	VAN VEEN		
SAMPLE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	!	GRAB	GRAB	GRAB	Ç	9	GRAB	GRAB		
JUL I AN	160	174	174	174	174	174	174	174	174	174	174	į	174	174	174	17	-	174	1 75		
рертн	93.00	100.00	93.00	90.00	101.00	00°06	85.00	85.00	90.00	91.00	90•00	;	82.00	80.00	80.00	6	00.	101.00	56.00		
GEOGRAPHIC AREA	ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	ST. PIERRE BANK,	ST. PIERRE BANK,	ST. PIERRE BANK,	ST. PIERRE BANK,	NrLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK.	NFLD	ST. PIERRE BANK, NFLD	ST. PIERRE BANK,	NFLD ST. PIERRE BANK,		NFLD	ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD	
SCIENTI ST-SHIP	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFF!N	FADER, 6./BAFFIN	FADER. G. /BAFF IN		FADER,G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFF IN	,	radek, 6.7 BAFF IN	FADER, G./BAFFIN	FADER, G./BAFFIN		
LONGITUDE	- 55 1' 55"	- 56 0' 36"	- 55 531 56"	- 55 47' 11"	- 55 38' 34"	- 55 381 34"	- 55 461 711	- 55 53' 1"	- 55 591 911	- 56 61 55"	- 56 81 4311		- 56 11 19"	- 55 54' 27"	- 55 47' 8"	•	- 25 40: 28:	- 55 34' 44"	- 55 331 2511		
LATITUDE	45 32' 11"	44 56' 35"	44 591 40"	44 591 34"	44 59' 28"	45 4' 35"	45 4' 44"	45 4' 27"	45 4' 33"	45 41 53"	45 10' 36"		45 10' 31"	45 10' 10"	45 10' 7"		45 10. 15.	45 10' 17"	45 15" 56"		•
STATION	154	155	156	157	158	159	160	161	162	163	164	; !		166	167	(•	8	169	170		
CRUISE	* 85009	* 85009	* 85009	* 85009	* 85009	* 85009	* 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009		* 85009 PHASE2	* 85009	PHASE2 * 85009	PHASE2	PHASE2	* 85009	* 85009	PHASEZ	

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TYPE	VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN	i	VAN VEEN																	
SAMPLE	GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB	!	GRAB									
JULIAN	175		175		175		175		175		175		175		175		175		175		175		175		175		175		175		175		175	
ОЕРТН	75.00		80.00		71.00		75.00		84.00		00*66		82.00		74.00		68 •00		64.00		64.00		73.00		80.00		71.00		49.00		00.09	;	57.00	
GEOGRAPHIC AREA	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD								
SCIENTIST-SHIP	FADER, G./BAFFIN		FADER, G. /BAFF IN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, 6./BAFFIN		FADER, G. / BAFF IN		FADER, G./BAFFIN																					
LONGITUDE	- 55 40' 50"		- 55 47' 55"		- 55 2' 8"		- 56 11 52"		- 56 8' 56"		- 56 15' 14"		- 56 16' 30"		- 56 91 5"		- 56 11 40"		- 55 54' 33"		- 55 47' 56"		- 55 401 25"		- 55 33' 4"		- 55 33' 22"		- 55 411 0"		- 55 47' 40"		- 55 55' 9"	
LATITUDE	45 15' 50"		45 16' 4"		45 15' 52"		45 15' 51"		45 15' 53"		45 15' 53"		45 20' 49"		45 20' 49"	٠	45 191 34"		45 19' 34"		45 20' 6"		45 17' 34"		45 17' 42"	ų	45 431 2"		45 26' 6"		45 22' 54"		45 22' 41"	
STATION	171		172		173		174		175		176		177		178		179		180		181		182		183		184		185		186		187	
CRUISE	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2								

TYPE		VAN VEEN	VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN	
SAMPLE		GRAB	GRAB		GRAB	_	GRAB		GRAB		GRAB		GRAB		GRAB	!	GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB	
JULIAN	; ; ; ; ;	6/-	175		175		175		175		1.75		175		175		175		175		175		175		1.75		175		175		175		175	
DEPTH	Č	90.10	00.09		00.69		80.00		86.00		00.09		55.00		51.00		48.00		48.00		49.00		49.00		00•99		101.00		79.00		00.69		49.00	
GEOGRAPHIC AREA	, 140 F. C.	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK.	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD.	ST. PIERRE BANK,	NFLD	ST. PIERRE BANK,	NFLD
SCIENTIST-SHIP	CADED O VOARTIN	ADEN, 6.7 BAFF IN	FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G./BAFFIN		FADER, G. /BAFFIN		FADER, G./BAFFIN		FADER, G. /BAFF IN		FADER, G./BAFFIN		FADER, G. /BAFF IN		FADER, G. /BAFF IN		FADER, G./BAFFIN		FADER, G. / BAFF IN		FADER, G./BAFFIN		FADER, G. /BAFF IN		FADER, G./BAFFIN		FADER, G./BAFFIN	
LONGITUDE	1 56 11 552	- ?	- 56 9' 12"		- 56 16' 7"		- 56 23 21"		- 56 27' 15"		- 56 211 37"		- 56 15" 55"		- 56 91 811		- 56 11 15"		- 55 54' 39"		- 55 47' 33"		- 55 40' 17"		- 55 331 2911		- 55 26' 13"		- 55 25' 40"		- 55 331 311		- 55 40' 40"	
LATITUDE	45 221 711	1	45 24' 38"		45 24' 36"		45 24' 36"		45 29' 32"		45 271 54"		45 30' 55"		45 301 58"		45 291 3911		46 30' 40"		45 30' 45"		45 29' 44"		45 30' 53"		45 30' 55"		45 35' 46"		45 35' 52"		45 35 48"	
STATION	188	3	189		190		191		192		193		194		195		2 8		197		198		199		200		201		202		203		204	
CRU I SE	* 85000	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009		* 85009	PHASE2	* 85009	PHASE2	* 85009	PHASE2	* 85009		* 85009	PHASE2

TYPE	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEËN	VAN VEEN	
SAMPLE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	
JUL I AN	175	175	175	176	176	176	176	176	176	176	176	176	176	176	176	
ОЕРТН	49.00	48.00	48.00	51.00	49.00	00.09	00*69	91.00	57.00	55.00	46.00	42.00	43.00	51.00	00.09	
GEOGRAPHIC AREA	ST. PIERRE BANK,	ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,		NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD ST. PIERRE BANK,	NFLD
SCIENTIST-SHIP	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, 6./BAFF!N	FADER, G./BAFFIN	FADER.G./BAFFIN	FADER. G. /BAFF IN	FADER.G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	FADER, G./BAFFIN	
LONGITUDE	- 55 48' 0"	- 55 54' 28"	- 56 1' 46"	- 56 81 5011	- 56 16' 46"	- 56 23' 17"	- 56 30' 20"	- 56 36' 3"	- 56 301 7"	231	151	151	- 56 23' 11"	- 56 30' 15"	- 56 37' 4"	
LATITUDE	45 35' 58"	45 36' 1"	45 36' 2"	45 35' 12"	45 35' 53"	45 35' 52"	45 35' 51"	45 40' 52"	40	40.	40	451	45 45' 46"	45 45' 46"	45 451 54"	
STATION	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	
ORUI SE	* 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2	* 85009	PHASE2	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2 * 85009	PHASE2

Purpose : Initial geochemistry profile.

TYPE		LEHIGH	LEHI GH	LEH16H	LEHI GH	LEH1GH	LEHI GH	LEH16H
SAMPLE		CORE						
GEOGRAPHIC AREA		SCOTIAN SHELF	SCOTI AN SHELF	SCOTIAN SHELF	SCOT I AN SHELF	SCOTIAN SHELF	SCOTIAN SHELF	SCOTIAN SHELF
SCIENTIST-SHIP		SMITH, J./DAWSON						
LONGITUDE		- 64 27' 47"	- 64 6' 53"	- 63 131 54"	- 62 19' 54"	- 61 27' 53"	- 61 44' 5"	- 61 581 12"
LATITUDE	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	42 29' 30"	42 0' 0"	41 15' 54"	40 301 18"	42 91 53"	42 301 18"	42 48' 47"
STATION GEOCHEMICAL		8506342	8506358	8506371	8506389	8506439	8506440	8506455
STATION		900	800	600	010	012	013	015
CRUI SE		* 85017	* 85017	* 85017	* 85017	* 85017	* 85017	* 85017

Purpose: To collect paleoecological data for the late Cenozic climate history of Baffin Bay and correlate to previous sampling programs. Also, to sample surficial sediments and complete piston coring for ground truthing in the vicinity of ODP Site 108.

LENGTH		28.0			38.0	150.0		618.0	36.0	612.0	150.0			38.0		1.0	20.0	38.0	38.0	38.0	163.0		612.0	486.0	151.0		z	z	Z	1.0	_	117 0		-E63)
TYPE	;	BOX		CAMERA	BOX	TR IGGER	WEIGHT	PI STON	BOX	PI STON	TR I GGER	WE I GHT	CAMERA	BOX		BOX	BOX	BOX	ВОХ	BOX	TR 166ER	WEIGHT	PISTON	PI STON	TRIGGER	WEI GHT	VAN VEEN	VAN VEEN	VAN VEEN	DRILL	DRII (1 FGS)		DRILL	DKILL(LEGS)
SAMPLE		CORE	WATER	TEST	CORE	CORE		CORE	CORE	CORE	CORE		TEST	CORE	WATER	CORE	CORE	CORE	CORE	CORE	CORE		CORE	CORE	CORE		GRAB	GRAB	GRAB	CORE	CD AB	ם נו	CORF	GRAB
JULIAN		267	268	268	268	270		270	270	270	270		270	270	270	271	271	271	271	272	272		272	272	272		273	273	273	274	, , <u>, , , , , , , , , , , , , , , , , </u>	#/7 710	2/4	2/4
DEPTH		825.00	2140.00	2140.00	2140.00	2029.00		2029.00	2029.00	2029.00	2029.00		2100.00	2100.00	2100.00	135.00	302.00	00.996	1360.00	1631.00	2091.00		2091.00	2092.00	2092.00		99*00	357.00	360.00	389-00	200.005	769.00	00.0 *	00°0 *
P GEOGRAPHIC AREA		DAVIS	DSON DAVIS STRAIT	DSON DAVIS STRAIT	DSON DAVIS STRAIT	RAFFIL		DSON BAFFIN BAY		BAFFIN	BAFFIN		JOSON BAFFIN BAY		BAFFIN	BAFFIN	BAFFIN	BAFFIN	BAFF IN	BAFFIN	RAFFIN		IDSON BAFFIN BAY	BAFFIN	BAFFIN		IUDSON BROUGHTON ISLAND	UD SON BROUGHTON I SLAND	BROUGHTON	ANI GO ING	FADLOF ING			MACLEAN, B./HUDSON PADLOPING AREA
SCIENTIST-SHIP		MACLEAN, B./HUDSON	MACLEAN, B. / HUDSON	MACLEAN, B. /HUDSON	MACLEAN, B. /HUDSON	MACHEAN B. /HIDSON		MACI FAN B. /HUDSON	MACI FAN B. /HUDSON	MACI EAN B. /HIDSON	MACI EAN B. /HIDSON	יייייייייייייייייייייייייייייייייייייי	MACLEAN B. /HUDSON	MACL FAN, B. /HUDSON	MACLEAN B. /HUDSON	MACI FAN. B. /HUD SON	MACI FAN B. /HIDSON	MACLEAN B. /HIDSON	MACI EAN B. /HIDSON	MACI EAN B. /HIDSON	MACI EAN B /HIDSON	MACLEAIN, B. / II	MACI FAN B. /HIDSON	MACLEAN B. /HIDSON	MACI FAN. B. /HUDSON		MACLEAN, B. /HUDSON	MAC! FAN B. /HUD SON	MACI FAN B. /HIDSON		MACLEAN, B. / HUD SOIN	MACLEAN, B./	MACLEAN, B./	MACLEAN, B./
LONGITUDE		- 60 40' 21"	- 58 54' 42"	58 551	58 571	102 77		1196 105 19 -	\ \	107	71 17	. 74 40	- 63 111 8"	: =	: =	141	126	2 2	3 4	2 -	4 1	- 64 511 14"	- 6A 311 1A11	100	20, 49	5	- 64 31 11"	63 571	63 511	3 3	<u>-</u>	=	- 62 10' 54"	- 62 10' 54"
LATITUDE	1	62 11 4"	62 41 54"	. 4	102 11 2011	, 6	07 .67 0/	1190 100 01			70 29: 40"	. 67	102 122 02		\ \	2 -		7 7	2 5	. 77		70 50' 46"	402	70 20 401	10 10 12	3	182 102 2911		2 6	07	121	67 15' 16"	67 151 15"	67 15" 15"
STATION		001	002	500	9 6	004	c C	900	2 2	9 5	/00	/00	000	8 8	010	5 5	- 5	210	010	4 10	ران د ا	910	Š	0.0	5 5	5	0	0 6	910	170	022	022	023	023
CRUI SE		* 85027	* 85027	* 95027	4 OFFO 27	7 82027	17048 *				* 8502/	* 85027	*					/2068 *		* 85027	* 8502/	* 85027	,		/ 70030 *	/70c8 ×	7 0 1		7 85027	/Z068 *	* 85027	* 85027	* 85027	* 85027

LENGTH	0.0		630.0	206.0		860.0	146.0		1150.0	241.0		1020.0	198.0		147.0		1140.0	0.008	260.0				0.0	_	_	0.0				930.0	15.0		151.0	
TYPE	DRILL	DRILL (LEGS)	P! STON	TR IGGER	WEIGHT	PISTON	TR IGGER	WEIGHT	PISTON	TR IGGER	WEIGHT	PISTON	TR IGGER	WEIGHT	TR IGGER	WE! GHT	P I S T O N	PI STON	TRIGGER	WEIGHT	<u>K</u>	I KU	DRILL	DRILL (LEGS)	DRILL (LEGS)	DRILL	IKI	IKU	IKU	PISTON	TRIGGER	WE! GHT	GRAV ITY	
SAMPLE	CORE	GRAB	CORE	CORE	!	CORE	CORE		CORE	CORE		CORE	CORE		CORE		CORE	CORE	CORE		GRAB	GRAB	CORE	GRAB	GRAB	CORE	GRAB	GRAB	GRAB	CORE	CORE		CORE	
JULIAN	275	275	275	275		276	276		276	276		276	276		276		276	277	277		277	278	278	278	278	278	279	279	279	280	280		280	
DEPTH	750.00	750.00	823.00	823.00		816.00	816.00		896.00	896.00		850.00	850.00		814.00		814.00	896.00	896.00		392.00	95.00	841.00	841.00	845.00	845.00	147.00	760.00	680.00	165.00	165.00		310.00	
GEOGRAPHIC AREA	ON CUMBERLAND SOUND	CLIMBERI AND	CIIMBERI AND	CHIMBERI AND	i i i i	ON CUMBERLAND SOUND	ON CUMBERLAND SOUND		ON CUMBERLAND SOUND	ON CUMBERLAND SOUND		ON CUMBERLAND SOUND	ON CUMBERLAND SOUND		ON CUMBERLAND SOUND		ON CUMBERLAND SOUND	ON CUMBERLAND SOUND	ON CUMBERLAND SOUND		ON CUMBERLAND SOUND	ON CUMBERLAND SOUND	ON CUMBERLAND SOUND	ON CUMBERLAND SOUND	ON CUMBERLAND SOUND	ON CUMBERLAND SOUND	ON CUMBERLAND SOUND	ON CUMBERLAND SOUND	ON CUMBERLAND SOUND	ON PANGNIRTUNG FJORD	ON PANGNIRTUNG FJORD		MACLEAN, B. / HUD SON CUMBERLAND SOUND	
SCIENTIST-SHIP	MACLEAN.B./HUDSON	MACI FAN B. /HIDSON	MACI FAN B. /HIDSON	MACLEAN B. /HIDSON		MACLEAN, B./HUDSON CUMBERLAND	MACLEAN, B. / HUD SON		MACLEAN, B./HUDSON CUMBERLAND	MACLEAN, B. / HUD SON		MACL EAN, B. / HUDSON	MACLEAN, B. /HUD SON		MACLEAN, B. / HUD SON CUMBERLAND		MACLEAN, B. / HUD SON CUMBERLAND	MACLEAN, B. / HUDSON	MACLEAN, B./HUDSON		MACLEAN, B. / HUDSON	MACLEAN, B. / HUDSON	MACLEAN, B./HUDSON	MACLEAN, B./HUDSON	MACLEAN, B./HUDSON	MACLEAN, B. / HUD SON	MACLEAN, B./HUDSON	MACLEAN, B. /HUDSON	MACLEAN, B. / HUD SON	MACLEAN, B. / HUDSON	MACLEAN, B./HUDSON	•	MACLEAN, B. / HUD S	
LONGITUDE	- 64 37' 1"	7	4	64 571	;	- 64 52' 11"	- 64 52' 11"		- 65 20' 8"	- 65 201 811		- 65 3' 21"	65		- 64 59' 30"		- 64 59' 30"	- 65 30' 31"	- 65 30' 31"		- 66 21' 49"	- 66 17! 7"	- 65 12' 3"	- 65 12' 3"	- 65 8' 55"	- 65 8' 55"	26	- 66 16' 11"	- 66 13' 17"	- 65 481 33"	- 65 48' 33"		- 66 54' 46"	
LATITUDE	64 491 13"	401	, 2	2 2	?	64 571 911	1/5		65 13' 2"	65 131 2"		65 11 52"	65 11 52"		65 21 34"		65 21 34"	65 231 20"	65 231 20"		65 201 911	65 191 14"	65 12' 22"	65 12' 22"	65 10' 19"	65 10' 19"	65 48' 56"	65 50' 13"	45!	8-			66 14' 21"	
STATION	024	024	725	025 025	3	026	026		027	027		028	028		029		029	031	031		032	033	035	035	036	036	037	039	040	041	041		042	
CRUI SE	* 85027	* 85027			7000	* 85027	* 85027		* 85027	* 85027		* 85027	* 85027		* 85027		* 85027	* 85027	* 85027		* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027		* 85027	

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CRUI SE	STATION	LATITUDE	LONGITUDE	SCI ENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JULIAN	SAMPLE	TYPE	L ENGTH
	!	;	į	3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	OGOLF CINITED MONAGO	75	Cac	Jacob	NOTSIG	600-0
* 85027	043	- \$0	48' 24	MACLEAN, B. / HUDSON		00.00	204) (00 c) (10 c) (10 c)	H 12100	
* 85027	044	65 481 45"	- 66 5' 55"	MACLEAN, B. / HUD SON	CUMBERLAND	1024.00	781	CORE	GRAVII Y	0.841
* 85027	045	65 10' 47"	- 65 9' 55"	MACL EAN, B./HUDSON	CUMBERLAND SOUND	845.00	281	GRAB	DRILL(LEGS)	
* 85027	045	65 10' 47"	- 65 91 55"	MACLEAN, B. / HUD SON	CUMBERLAND SOUND	845.00	281	CORE	DRILL	25.0
* 85027	046	65 10' 49"	- 65 91 55"	MACLEAN, B. / HUD SON	I CUMBERLAND SOUND	845.00	281	CORE	TRIGGER	215.0
<u> </u>									WEIGHT	
* 85027	046	65 10' 49"	- 65 91 5511	MACLEAN, B. / HUDSON	I CUMBERLAND SOUND	845.00	281	CORE	P I STON	492.0
* 85027	047		- 64 30' 13"	MACLEAN, B. / HUD SON	I CUMBERLAND SOUND	475.00	281	GRAB	ΙΚυ	
* 85027	048	Ē	121	MACL EAN, B./HUDSON	I CUMBERLAND SOUND	890.00	283	CORE	DRILL	0.6
* 85027	048	3	- 65 121 5811	MACLEAN, B. / HUD SON	I CUMBERLAND SOUND	890.00	283	GRAB	DRILL(LEGS)	
* 85027	049	<u>-</u>	- 65 32' 58"	MACL EAN, B. / HUD SON	I CUMBERLAND SOUND	220.00	283	GRAB	DRILL (LEGS)	
* 85027	049	-	- 65 32' 58"	MACLEAN, B. / HUDSON	I CUMBERLAND SOUND	220.00	283	CORE	DRILL	37.0
* 85027	020	60 521 58"	•	MACL EAN, B. / HUD SON	HUDSON STRAIT	815.00	285	CORE	DRILL	0.0
* 85027	050	521	ō	MACLEAN, B. / HUDSON	HUDSON STRAIT	815.00	285	GRAB	DRILL(LEGS)	
* 85027	051	521	- 65 59' 43"	MACL EAN, B. /HUDSON	W HUDSON STRAIT	795.00	285	GRAB	VAN VEEN	
* 85027	052	531	58	MACLEAN, B. /HUDSON	HUDSON STRAIT	815.00	285	CORE	DRILL	0.0
* 85027	053	44	251	MACLEAN, B./HUDSON	N HUDSON STRAIT	345.00	285	GR AB	VAN VEEN	
* 85027	054	44	251	MACLEAN, B. /HUDSON	W HUDSON STRAIT	355.00	285	CORE	DRILL	50.0
* 85027	054	44.	- 66 25' 18"	MACL EAN, B. / HUD SON	N HUDSON STRAIT	355.00	285	GRAB	DRILL (LEGS)	_
* 85027	055	561	- 66 25' 50"	MACLEAN, B./HUD SON	N HUDSON STRAIT	805.00	285	CORE	TRIGGER	206.0
								_	WEI GHT	
* 85027	055	60 56' 43"	- 66 25' 50"	MACLEAN, B. / HUD SON HUD SON	N HUDSON STRAIT	805.00	285	CORE	PISTON	1062.0
* 85027	056	584	66 291 4	MACLEAN, B. / HUDSON HUDSON		777.00	285	CORE	TR I GGER	141.0
)		•					WEI GHT	
* 85027	056	60 58' 6"	- 66 29' 44"	MACLEAN, B. / HUDSON HUDSON	N HUDSON STRAIT	777.00	285	CORE	PISTON	1181.0
* 85027	057	61 4' 15"	- 66 25 36"	MACLEAN, B. / HUDSON HUDSON	N HUDSON STRAIT	790.00	285	CORE	TR I GGER	166.0
									WEIGHT	
* 85027	057	61 4" 15"	- 66 25' 36"	MACLEAN, B./HUDSON	N HUDSON STRAIT	790.00	285	CORE	PISTON	1190.0
* 85027	058		- 69 81 12"	MACLEAN, B. / HUD SON	N HUDSON STRAIT	346.00	286	CORE	DRILL	16.0
* 85027	020	31	5	MACLEAN, B. / HUDSON	N HUDSON STRAIT	355.00	286	GRAB	VAN VEEN	
* 85027	090	62 201 27"	- 71 50' 17"	MACLEAN, B. /HUDSON	N HUDSON STRAIT	357.00	288	GRAB	DRILL (LEGS)	•
* 85027	090	20	- 71 50' 17"	MACLEAN, B./HUDSON	N HUDSON STRAIT	357.00	288	CORE	DRILL	5.0
* 85027	061	62 201 13"	- 71 49' 23"	MACLEAN, B. / HUDSON	N HUDSON STRAIT	357.00	288	GRAB	IKU	
* 85027	062	62 171 53"	- 72 14' 10"	MACLEAN, B./HUDSON	N HUDSON STRAIT	320.00	288	GRAB	<u>.</u>	
* 85027	063	151	- 72 46' 36"	MACLEAN, B. / HUD SON	N HUDSON STRAIT	212.00	289	GRAB	IK S	
* 85027	064	63 15" 11"	- 72 47' 10"	MACLEAN, B. / HUDSON	N HUDSON STRAIT	209.00	289	CORE	DRILL	8.0

LENGTH		300.0	41.0		0.0			130.0		1060.0	0.0		34.0	0.0	10.0			0.0		48.0		35.0		61.0		0.0				45.0		46.0		0.0
TYPE	DRILL (LEGS)	PISTON	TR 166ER	WEIGHT	DRILL	DRILL(LEGS)	₽ E	TRIGGER	WE I GHT	PI STON	LEHIGH	ıĸu	LEHIGH	DRILL	DRILL	DRILL(LEGS)	DRILL(LEGS)	DRILL	IKU	DRILL	DRILL(LEGS)	DRILL	DRILL(LEGS)	DRILL	DRILL(LEGS)	LEHIGH	IKU	IKU	<u>I</u> KN	DR ILL	DRILL (LEGS)	DRILL	DRILL (LEGS)	LEHIGH
SAMPLE	GRAB	CORE	CORE		CORE	GRAB	GRAB	CORE		CORE	CORE	GRAB	CORE	CORE	CORE	GRAB	GRAB	CORE	GRAB	CORE	GRAB	CORE	GRAB	CORE	GRAB	CORE	GRAB	GRAB	GRAB	CORE	GRAB	CORE	GRAB	CORE
JULIAN	289	290	290		291	291	291	292		292	292	292	292	292	292	292	292	292	292	293	293	293	293	293	293	293	293	293	294	294	294	294	297	294
DEPTH	209.00	333.00	333.00		230.00	230.00	228.00	435.00		435.00	305.00	305.00	310.00	230.00	225.00	225.00	233.00	233.00	230.00	210.00	210.00	218.00	210.00	216.00	216.00	151.00	155.00	155.00	340.00	210.00	210.00	250.00	250.00	143.00
SCIENTIST-SHIP GEOGRAPHIC AREA	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B./HUD SON HUD SON STRAIT		MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT		MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B. /HUDSON HUDSON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B. / HUD SON HUD SON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B. / HUD SON HUD SON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B. / HUD SON HUD SON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B. / HUD SON HUD SON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT	MACLEAN, B. / HUD SON HUD SON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B. / HUDSON HUDSON STRAIT	MACLEAN, B./HUDSON HUDSON STRAIT
LONGITUDE	- 72 47' 10"	- 76 7' 0"	- 76 7' 0"		- 75 21' 51"	- 75 211 51"	- 75 22' 13"	- 74 18' 33"		- 74 18" 33"	- 73 31' 28"	- 73 311 17"	- 73 31 19"	- 73 31 58"	- 73 4' 12"	- 73 4' 12"	- 73 41 13"	- 73 4' 13"	- 73 4' 37"	- 72 44' 56"	- 72 44' 56"	- 72 45' 29"	- 72 45' 29"	- 72 45' 46"	- 72 45' 46"	- 72 45' 25"	- 72 44' 58"	- 72 45' 27"	- 72 45' 25"	- 70 4' 59"	- 70 4' 59"	- 70 13' 45"	- 70 13' 45"	- 69 351 26"
LATITUDE	63 15' 11"	62 351 55"	62 351 55"		63 49' 46"	63 49' 46"	63 49' 54"	63 4' 30"		63 4' 30"	63 131 5911	63 131 54"	63 131 55"	63 21 46"	63 211 45"	21 '	63 201 13"	201	201	62 231 5"			62 231 31"	62 231 26"	62 231 26"	151	62 151 9"	62 14' 57"	62 34' 56"	62 27 1 1"	62 271 111	62 26' 41"	62 26' 41"	62 26' 50"
STATION	064	900	990		990	990	190	890		890	690	070	071	072	074	074	075	0.75	920	710	7.70	078	078	080	080	081	082	083	084	085	085	980	980	088
CRUI SE	* 85027	* 85027	* 85027		* 85027	* 85027	* 85027	* 85027		* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027	* 85027

CRUI SE	STATION	CRUISE STATION LATITUDE	LONGITUDE	SCIENTIST-SHIP G	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
		***************************************								! ! !
* 85027	680	261	351	MACLEAN, B./HUDSON H	HUDSON STRAIT	143.00	294	GRAB	<u>-</u> KU	
* 85027	060	211	21.		HUDSON STRAIT	165.00	295	GRAB	DRILL(LEGS)	
* 85027	060	21	211	MACLEAN, B./HUDSON H	HUDSON STRAIT	165.00	295	CORE	DRILL	64.0
* 85027	160	211	201	MACLEAN, B. / HUDSON H	HUDSON STRAIT	164.00	295	GRAB	IKU	
* 85027	092	61 121 29"	- 70 26' 59"		HUDSON STRAIT	171.00	295	CORE	PISTON	249.0
* 85027	092	121		MACLEAN, B. / HUDSON H	HUDSON STRAIT	171.00	295	CORE	TRIGGER	24.0
									WEIGHT	
* 85027	093	9	291	MACLEAN, B./HUDSON H	HUDSON STRAIT	171.00	295	CORE	LEHIGH	100.0
* 85027	094	61 9" 16"	- 70 291 291	MACLEAN, B. / HUDSON H	HUDSON STRAIT	171.00	295	CORE	ГЕНІВН	73.0
* 85027	095	10	261	MACLEAN, B. / HUDSON H	HUDSON STRAIT	143.00	295	GRAB	<u>I</u> KU	
* 85027	960	201	441	MACLEAN, B. /HUDSON H	HUDSON STRAIT	392.00	296	CORE	PISTON	717.0
* 85027	160	20	<u>4</u>	MACLEAN, B. / HUDSON H	HUDSON STRAIT	392.00	296	CORE	PISTON	162.0
* 85027	860	291	30	MACLEAN, B. / HUDSON H	HUDSON STRAIT	290.00	296	CORE	DRILL	21.0
* 85027	860	29	8	MACLEAN, B. / HUDSON H	HUDSON STRAIT	290.00	296	GRAB	DRILL (LEGS.)	
* 85027	660	291	- 67 31 12"	MACLEAN, B. /HUDSON H	HUDSON STRAIT	285.00	296	GRAB	VAN VEEN	
* 85027	92	28	- 66 81 43"	MACLEAN, B. / HUDSON F	HUDSON STRAIT	203.00	297	CORE	DRILL	0.0
* 85027	100	281	- 66 81 43"	MACLEAN, B. / HUDSON F	HUDSON STRAIT	203.00	297	GRAB	DRILL (LEGS)	
* 85027	101		8	MACLEAN, B. / HUDSON H	HUDSON STRAIT	205.00	297	GRAB	VAN VEEN	
* 85027	102	531	- 65 591 5411	MACLEAN, B. / HUDSON H	HUDSON STRAIT	798.00	297	GRAB	DRILL (LEGS)	
* 85027	102	53	- 65 591 54"	MACLEAN, B. / HUDSON H	HUDSON STRAIT	798.00	297	CORE	DRILL	2.0
* 85027	103	521	- 65 11 46"	MACLEAN, B. / HUDSON H	HUDSON STRAIT	775.00	297	GRAB	VAN VEEN	
* 85027	103	52	- 65 11 46"	MACLEAN, B. /HUDSON H	HUDSON STRAIT	775.00	297	GRAB	VAN VEEN	
* 85027	104	521	- 65 291 31"	MACLEAN, B. / HUDSON H	HUDSON STRAIT	950.00	. 298	CORE	LEHIGH	0.0
* 85027	105	Ē	- 63 341 39"	MACLEAN, B. / HUD SON N	NACHVAK FJORD	80.00	298	CORE	PISTON	603.0
* 85027	106	3	- 63 341 3911	MACLEAN, B. / HUDSON N	NACHVAK FJORD	80.00	298	CORE	LEHIGH	77.0
* 85027	107	59 31 58"	- 63 54' 37"	MACLEAN, B./HUDSON N	NACHVAK FJORD	84.00	298	CORE	PISTON	469.0
* 85027	108	59 31 54"	- 63 54' 22"	MACLEAN, B. / HUDSON N	NACHVAK FJORD	84.00	298	CORE	LEHIGH	0.67
* 85027	109	-	531	MACLEAN, B./HUDSON N	NACHVAK FJORD	91.00	298	CORE	PISTON	330.0

Purpose : Joint cruise with University of Quebec and McGill University to determine the Quaternary geology of the Bras D'or Lakes for comparison to land based geology.

CRUISE ST	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEP TH	JULIAN	SAMPLE	ТҮРЕ	LENGTH
85036 001	=	45 48' 58"	- 60 50' 57"	PIPER, D. /DAWSON	BRAS DYOR LAKES	95.00	310	GRAB	SHIPEK	
85036 002	2	45 50' 26"	- 60 511 34"	PIPER, D. /DAWSON	BRAS D'OR LAKES	72.00	310	GRAB	SHIPEK	
85036 00	5	45 501 28"	- 60 511 29"	PIPER, D. /DAWSON	BRAS D'OR LAKES	78.00	310	GRAB	SHIPEK	
85036 004	4	45 511 34"	- 60 511 49"	PIPER, D. / DAWSON	BRAS D'OR LAKES	26.00	310	GRAB	SHIPEK	
	7	45 531 10"	- 60 521 48"	PIPER, D. /DAWSON	BRAS D'OR LAKES	23.00	310	GRAB	SHIPEK	
	9	45 541 37"	- 60 50' 59"	PIPER, D. /DAWSON	BRAS D'OR LAKES	54.00	310	GRAB	SHIPEK	
	70	45 551 49"	- 60 49' 7"	PIPER, D. /DAWSON	BRAS D'OR LAKES	59.50	310	GRAB	SHIPEK	
	8	45 531 51"	- 60 47' 37"	PIPER, D. /DAWSON	BRAS D'OR LAKES	17.00	310	GRAB	SHIPEK	
85036 00	6	45 52' 19"	- 60 47' 35"	PIPER, D. / DAWSON	BRAS D'OR LAKES	19.00	310	GRAB	SHIPEK	
	0	45 52' 19"	- 60 46' 24"	PIPER, D. /DAWSON	BRAS D'OR LAKES	55.00	310	GRAB	SHIPEK	
85036 01	=	45 50' 36"	- 60 46' 55"	PIPER, D. /DAWSON	BRAS D'OR LAKES	51.00	310	GRAB	SHIPEK	
85036 01	2	45 49' 19"	- 60 44' 33"	PIPER, D. /DAWSON	BRAS D'OR LAKES	107.00	310	GRAB	SHIPEK	
85036 01	<u>~</u>	45 491 39"	- 60 431 14"	PIPER, D. / DAWSON	BRAS D'OR LAKES	47.00	310	GRAB	SHIPEK	
85036 01	4	45 49' 40"	- 60 431 10"	PIPER, D. /DAWSON	BRAS D'OR LAKES	38.00	310	GRAB	SHIPEK	
85036 01	5	45 52' 16"	- 60 40' 45"	PIPER, D. /DAWSON	BRAS D'OR LAKES	45.00	310	GRAB	SHIPEK	
85036 016	9	45 571 35"	- 60 30' 15"	MUDIE, P./PIPER, D./	/ BRAS D'OR LAKES	31.00	310	CORE	PISTON	347.0
				HILLAIRE-MARCEL, C./	/ :					
				DAWSON						
85036 016	9	45 571 35"	- 60 30' 15"	MUDIE,P./PIPER,D./	/ BRAS D'OR LAKES	31.00	310	CORE	TR I GGER	121.0
				HILLAIRE-MARCEL, C./ DAWSON	/ NOVA SCOTIA				WEIGHT	
85036 017	7	45 52' 23"	- 60 39' 29"	MUDIE, P./PIPER, D./	,/ BRAS D'OR LAKES	41.00	310	CORE	PISTON	226.0
				HILLAIRE-MARCEL, C./	S./ NOVA SCOTIA					
				DAWSON						
85036 01	017	45 521 23"	- 60 391 291	MUDIE,P./PIPER,D./	ш.	41 •00	310	CORE	TRIGGER	139.0
				HILLAIRE-MARCEL, C./	S./ NOVA SCOTIA				WE GH	
				DAWSON						
85036 018	81	45 53" 21"	- 60 40' 6"	MUDIE,P./PIPER,D./	,/ BRAS D'OR LAKES	30.00	310	CORE	PISTON	312.0
				HILLAIRE-MARCEL, C./	S./ NOVA SCOTIA					
				DAWSON						

LENGTH	164.0	0*06	733.0	132.0															
TYPE	TRIGGER WEIGHT	TR IGGER WE I GHT	PISTON	GRAVITY	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK	SHIPEK
SAMPLE	CORE	CORE	CORE	CORE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
JULIAN	310	310	310	310	311	311	311	311	311	311	311	311	311	311	311	311	311	311	311
ОЕРТН	30.00	209.00	209.00	204.00	25.00	102.50	95.50	260.00	267.00	22.00	00.69	172.00	152.00	52.00	34.00	14.00	106.00	24.00	64.00
GEOGRAPHIC AREA	/ BRAS D'OR LAKES	/ BRAS D'OR LAKES	/ BRAS D'OR LAKES	/ BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES	BRAS D'OR LAKES
SCIENTI ST-SHIP	MUDIE,P./PIPER,D./ HILLAIRE-MARCEL,C./	DAWSON MUDIE, P./PIPER, D./ HILLAIRE-MARCEL, C./	MUDIE,P./PIPER,D./ BRAS D'OR LAI HILLAIRE-MARCEL,C./ NOVA SCOTIA DAWSON	MUDIE, P./PIPER, D./	PIPER, D. /DAWSON	PIPER, D. /DAWSON	PIPER, D. /DAWSON	PIPER, D. / DAWSON	PIPER, D. / DAW SON	PIPER, D. /DAWSON	PIPER, D. /DAWSON	PIPER, D./DAWSON	PIPER, D./DAWSON	PIPER, D. /DAWSON	PIPER, D. / DAWSON	PIPER, D. /DAWSON	PIPER, D. /DAWSON	PIPER, D./DAWSON	PIPER, D. /DAWSON
LONGITUDE	- 60 40' 6"	- 60 44' 29"	- 60 44' 29"	- 60 44' 29"	- 60 22' 11"	- 60 231 55"	- 60 25' 59"	- 60 30' 25"	- 60 30' 20"	- 60 371 25"	- 60 37" 27"	- 60 37' 43"	- 60 38' 12"	- 60 38' 31"	- 60 381 30"	- 60 401 2011	- 60 41' 19"	- 60 421 34"	- 60 31' 21"
CRUISE STATION LATITUDE	45 53' 21"	46 1' 14"	46 1' 14"	46 1' 16"	46 13' 22"	46 13' 5"	46 12' 17"	46 8' 12"	46 8' 8"	46 21 53"	46 31 711	46 3' 11"	46 31 811	46 31 811	46 31 28"	46 21 44"	46 41 30"	46 41 43"	46 12' 25"
STATION	018	019	610	020	021	022	023	024	025	026	027	028	029	030	031	032	033	034	035
CRUI SE	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036	* 85036

Purpose: To carry out high resolution seismic surveying of the surficial sediments of Sable Island Bank and to sample these sediments by vibracoring, grab sampling and bottom photography.

NA SABLE I SLAND BANK 28.00 296 CORE VIBRACORE 250.0 NA SABLE I SLAND BANK 28.00 297 CORE VIBRACORE 250.0 NA SABLE I SLAND BANK 22.00 297 CORE VIBRACORE 270.0 NA SABLE I SLAND BANK 27.00 297 CORE VIBRACORE 270.0 NA SABLE I SLAND BANK 27.00 297 CORE VIBRACORE 270.0 NA SABLE I SLAND BANK 27.00 297 CORE VIBRACORE 270.0 NA SABLE I SLAND BANK 27.00 297 CORE VIBRACORE 270.0 NA SABLE I SLAND BANK 27.00 297 CORE VIBRACORE 270.0 NA SABLE I SLAND BANK 27.00 297 CORE VIBRACORE 270.0 NA SABLE I SLAND BANK 27.00 297 CORE VIBRACORE <th>STATION LATITUDE LO</th> <th>7 </th> <th>LONGI TUDE</th> <th>SCIENTIST-SHIP</th> <th>GEOGRAPHIC AREA</th> <th>ОЕРТН</th> <th>JULIAN</th> <th>SAMPLE</th> <th>TYPE</th> <th>LENGTH</th>	STATION LATITUDE LO	7	LONGI TUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JULIAN	SAMPLE	TYPE	LENGTH
SABLE ISLAND BANK 28.00 297 CORE VIBRACORE VENTURE SITE SABLE ISLAND BANK 28.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 294 CORE VIBRACORE SABLE ISLAND BANK 27.00 295 COR	43 56' 22" - 59 39' 36" AMOS, C./DAWSON	59 391 3611	AMOS, C./D	AWSON		28.00	296	CORE	V I BRACORE	250.0
SABLE I SLAND BANK 28.00 297 CORE VI BRACORE SABLE I SLAND BANK 27.00 297 CORE VI BRACORE SABLE I SLAND BANK 27.00 297 CORE VI BRACORE SABLE I SLAND BANK 27.00 297 CORE VI BRACORE SABLE I SLAND BANK 25.00 297 CORE VI BRACORE SABLE I SLAND BANK 25.00 297 CORE VI BRACORE SABLE I SLAND BANK 25.00 297 CORE VI BRACORE SABLE I SLAND BANK 25.00 297 CORE VI BRACORE SABLE I SLAND BANK 25.00 297 CORE VI BRACORE SABLE I SLAND BANK 25.00 296 CORE VI BRACORE SABLE I SLAND BANK 25.00 296 CORE VI BRACORE SABLE	43 56' 23" - 59 39' 32" AMOS, C./DAWSON	59 39' 32"	AMOS, C./D	AWSON		28.00	297	CORE	V I BRACORE	96.0
SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 298 CORE VIBRACORE SABLE ISLAND <td>43 55' 55" - 60 39' 23" AMOS,C./DAWSON</td> <td>391 2311</td> <td>AMOS, C./D</td> <td>AWSON</td> <td></td> <td>28.00</td> <td>297</td> <td>CORE</td> <td>V I BRACORE</td> <td>230.0</td>	43 55' 55" - 60 39' 23" AMOS,C./DAWSON	391 2311	AMOS, C./D	AWSON		28.00	297	CORE	V I BRACORE	230.0
SABLE ISLAND BANK 35.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 298 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 294 CORE VIBRACORE SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 27.00 294 CORE VIBRACORE </td <td>43 55' 43" - 60 39' 16" AMOS, C./DAWSON</td> <td>391 161</td> <td>AMOS, C./D</td> <td>AWSON</td> <td></td> <td>27.00</td> <td>297</td> <td>CORE</td> <td>V I BRACORE</td> <td>283.0</td>	43 55' 43" - 60 39' 16" AMOS, C./DAWSON	391 161	AMOS, C./D	AWSON		27.00	297	CORE	V I BRACORE	283.0
SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 29.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 20.00 298 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 292 GRAB VIBRACORE SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 28.00 294 CORE VIBRACORE </td <td>43 55' 12" - 60 39' 1" AMOS, C./DAWSON</td> <td>391 111</td> <td>AMOS, C./E</td> <td>AW SON</td> <td></td> <td>35.00</td> <td>297</td> <td>CORE</td> <td>V I BRACORE</td> <td>304.0</td>	43 55' 12" - 60 39' 1" AMOS, C./DAWSON	391 111	AMOS, C./E	AW SON		35.00	297	CORE	V I BRACORE	304.0
SABLE ISLAND BANK 29.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 292 GRAB VAN VEEN SABLE ISLAND BANK 21.00 298 CORE VIBRACORE SABLE ISLAND BANK 26.00 298 CORE VIBRACORE SABLE ISLAND BANK 24.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 299 CORE VIBRACORE SABLE ISLAND BANK 24.00 293 CORE VIBRACORE SABLE ISLAND <td>43 55' 34" - 60 39' 14" AMOS,C./DAWSON</td> <td>391 14"</td> <td>AMOS, C./D</td> <td>AWSON</td> <td>SLAND</td> <td>27.00</td> <td>297</td> <td>CORE</td> <td>VIBRACORE</td> <td>274.0</td>	43 55' 34" - 60 39' 14" AMOS,C./DAWSON	391 14"	AMOS, C./D	AWSON	SLAND	27.00	297	CORE	VIBRACORE	274.0
SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 32.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 21.00 298 CORE VIBRACORE SABLE ISLAND BANK 20.00 298 CORE VIBRACORE SABLE ISLAND BANK 20.00 298 CORE VIBRACORE SABLE ISLAND BANK 20.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 292 GRAB VAN VEEN SABLE ISLAND BANK 24.00 293 CORE VIBRACORE SABLE ISLAND <td>43 56' 16" - 60 39' 41" AMOS, C./DAWSON</td> <td>391 41"</td> <td>AMOS, C./D</td> <td>AWSON</td> <td>SLAND</td> <td>29.00</td> <td>297</td> <td>CORE</td> <td>V I BRACORE</td> <td>243.0</td>	43 56' 16" - 60 39' 41" AMOS, C./DAWSON	391 41"	AMOS, C./D	AWSON	SLAND	29.00	297	CORE	V I BRACORE	243.0
SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 38.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 21.00 298 CORE VIBRACORE SABLE ISLAND BANK 20.00 298 CORE VIBRACORE SABLE ISLAND BANK 26.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 292 GRAB VAN VEN SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 28.00 295 CORE VIBRACORE SABLE ISLAND BANK 22.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE <td>43 52' 23" - 60 34' 37" AMOS, C./DAWSON</td> <td>341 37"</td> <td>AMOS, C./D/</td> <td>4WSON</td> <td>I SL AND</td> <td>27.00</td> <td>297</td> <td>CORE</td> <td>V I BRACORE</td> <td>300.0</td>	43 52' 23" - 60 34' 37" AMOS, C./DAWSON	341 37"	AMOS, C./D/	4WSON	I SL AND	27.00	297	CORE	V I BRACORE	300.0
SABLE ISLAND BANK 25.00 297 CORE VIBRACORE SABLE ISLAND BANK 38.00 297 CORE VIBRACORE SABLE ISLAND BANK 38.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 298 CORE VIBRACORE SABLE ISLAND BANK 21.00 298 CORE VIBRACORE SABLE ISLAND BANK 20.00 298 CORE VIBRACORE SABLE ISLAND BANK 20.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 294 CORE VIBRACORE SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 27.00 294 CORE VIBRACORE SABLE ISLAND BANK 28.00 295 CORE VIBRACORE SABLE ISLAND BANK 22.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE </td <td>43 55' 1" - 60 36' 5" AMOS, C./DAWSON</td> <td>361 511</td> <td>AMOS, C./D/</td> <td>NOS M</td> <td>SLAND</td> <td>25.00</td> <td>297</td> <td>CORE</td> <td>VI BRACORE</td> <td>220.0</td>	43 55' 1" - 60 36' 5" AMOS, C./DAWSON	361 511	AMOS, C./D/	NOS M	SLAND	25.00	297	CORE	VI BRACORE	220.0
SABLE ISLAND BANK 27.00 297 CORE VIBRACORE SABLE ISLAND BANK 38.00 297 CORE VIBRACORE SABLE ISLAND BANK 25.00 292 GRAB VAN VEEN SABLE ISLAND BANK 24.00 298 CORE VIBRACORE SABLE ISLAND BANK 20.00 298 CORE VIBRACORE SABLE ISLAND BANK 26.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 294 CORE VIBRACORE SABLE ISLAND BANK 27.00 294 CORE VIBRACORE SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 28.00 294 CORE VIBRACORE SABLE ISLAND BANK 28.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.0	43 54' 38" - 60 35' 51" AMOS, C./DAWSON	351 51"	AMOS, C. /D/	NOSM	I SLAND	25.00	297	CORE	V I BRACORE	242.0
SABLE ISLAND BANK 38.00 297 CORE V I BRACORE SABLE I SLAND BANK 25.00 298 CORE V I BRACORE SABLE I SLAND BANK 24.00 298 CORE V I BRACORE SABLE I SLAND BANK 20.00 298 CORE V I BRACORE SABLE I SLAND BANK 26.00 298 CORE V I BRACORE SABLE I SLAND BANK 27.00 294 CORE V I BRACORE SABLE I SLAND BANK 27.00 293 CORE V I BRACORE SABLE I SLAND BANK 27.00 293 CORE V I BRACORE SABLE I SLAND BANK 27.00 293 CORE V I BRACORE SABLE I SLAND BANK 28.00 294 CORE V I BRACORE SABLE I SLAND BANK 22.00 296 CORE V I BRACORE	43 54' 34" - 60 35' 48" AMOS, C./DAWSON	351 48"	AMOS, C. /DA	NOSM	I SL AND	27.00	2.62	CORE	VI BRACORE	270.0
SABLE I SLAND BANK 32.00 292 GRAB VAN VEEN SABLE I SLAND BANK 25.00 298 CORE VI BRACORE SABLE I SLAND BANK 21.00 298 CORE VI BRACORE SABLE I SLAND BANK 20.00 298 CORE VI BRACORE SABLE I SLAND BANK 26.00 298 CORE VI BRACORE SABLE I SLAND BANK 27.00 294 CORE VI BRACORE SABLE I SLAND BANK 27.00 293 CORE VI BRACORE SABLE I SLAND BANK 27.00 293 CORE VI BRACORE SABLE I SLAND BANK 28.00 294 CORE VI BRACORE SABLE I SLAND BANK 22.00 296 CORE VI BRACORE SABLE I SLAND BANK 23.00 296 CORE VI BRACORE SABLE	43 54' 24" - 60 35' 47" AMOS, C./DAWSON	351 47"	AMOS, C. /DA	NOSM'	I SL AND	38.00	297	CORE	V I BRACORE	290.0
SABLE I SLAND BANK 25.00 298 CORE VIBRACORE SABLE I SLAND BANK 24.00 298 CORE VIBRACORE SABLE I SLAND BANK 20.00 298 CORE VIBRACORE SABLE I SLAND BANK 26.00 298 CORE VIBRACORE SABLE I SLAND BANK 27.00 294 CORE VIBRACORE SABLE I SLAND BANK 24.00 293 CORE VIBRACORE SABLE I SLAND BANK 27.00 293 CORE VIBRACORE SABLE I SLAND BANK 28.00 293 CORE VIBRACORE SABLE I SLAND BANK 28.00 294 CORE VIBRACORE SABLE I SLAND BANK 28.00 295 CORE VIBRACORE SABLE I SLAND BANK 32.00 296 CORE VIBRACORE SABLE I SLAND BANK 32.00 296 CORE VIBRACORE SABLE I SLAND BANK 24.00 296 CORE VIBRACORE SABLE I SLAND BANK 24.00 296 CORE <	43 51' 51" - 59 57' 31" AMOS, C./DAWSON	59 571 31"	AMOS, C./DA	NOSM	SLAND	32.00	292	GRAB	VAN VEEN	
SABLE I SLAND BANK 24.00 298 CORE VI BRACORE SABLE I SLAND BANK 21.00 298 CORE VI BRACORE SABLE I SLAND BANK 26.00 298 CORE VI BRACORE SABLE I SLAND BANK 27.00 294 CORE VI BRACORE SABLE I SLAND BANK 27.00 293 CORE VI BRACORE SABLE I SLAND BANK 27.00 293 CORE VI BRACORE SABLE I SLAND BANK 28.00 294 CORE VI BRACORE SABLE I SLAND BANK 28.00 295 CORE VI BRACORE SABLE I SLAND BANK 28.00 296 CORE VI BRACORE SABLE I SLAND BANK 32.00 296 CORE VI BRACORE SABLE I SLAND BANK 24.00 296 CORE VI BRACORE SABLE	43 54' 1" - 60 18' 40" AMOS, C./DAWSON	18' 40"	AMOS, C./DA	MSON	I SLAND	25.00	298	CORE	V I BRACORE	304.0
SABLE I SLAND BANK 21.00 298 CORE VI BRACORE SABLE I SLAND BANK 20.00 298 CORE VI BRACORE SABLE I SLAND BANK 25.00 294 CORE VI BRACORE SABLE I SLAND BANK 27.00 294 CORE VI BRACORE SABLE I SLAND BANK 27.00 293 CORE VI BRACORE SABLE I SLAND BANK 27.00 293 CORE VI BRACORE SABLE I SLAND BANK 28.00 293 CORE VI BRACORE SABLE I SLAND BANK 28.00 294 CORE VI BRACORE SABLE I SLAND BANK 32.00 296 CORE VI BRACORE SABLE I SLAND BANK 32.00 296 CORE VI BRACORE SABLE I SLAND BANK 24.00 296 CORE VI BRACORE SABLE	43 54' 0" - 60 19' 2" AMOS, C./DAWSON	191 2"	AMOS, C./DA	MSON	I SLAND	24.00	298	CORE	V I BRACORE	200.0
SABLE ISLAND BANK 20.00 298 CORE VIBRACORE SABLE ISLAND BANK 26.00 298 CORE VIBRACORE SABLE ISLAND BANK 27.00 294 CORE VIBRACORE SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 28.00 293 CORE VIBRACORE SABLE ISLAND BANK 28.00 294 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 24.00 296 CORE VIBRACORE SABLE ISLAND <td>43 53' 59" - 60 19' 32" AMOS,C./DAWSON</td> <td>191 32"</td> <td>AMOS,C./DA</td> <td>NOSM</td> <td>I SL AND</td> <td>21.00</td> <td>298</td> <td>CORE</td> <td>VIBRACORE</td> <td>294.0</td>	43 53' 59" - 60 19' 32" AMOS,C./DAWSON	191 32"	AMOS,C./DA	NOSM	I SL AND	21.00	298	CORE	VIBRACORE	294.0
SABLE ISLAND BANK 26.00 298 CORE VIBRACORE SABLE ISLAND BANK 33.00 292 GRAB VAN VEEN SABLE ISLAND BANK 27.00 294 CORE VIBRACORE SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 30.00 293 CORE VIBRACORE SABLE ISLAND BANK 28.00 294 CORE VIBRACORE SABLE ISLAND BANK 28.00 294 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE	43 54' 5" - 60 20' 8" AMOS, C./DAWSON	20' 8"	AMOS, C./D	AWSON	I SL AND	20.00	298	CORE	V I BRACORE	140.0
SABLE ISLAND BANK 33.00 292 GRAB VAN VEEN SABLE ISLAND BANK 27.00 294 CORE VIBRACORE SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 27.00 293 CORE VIBRACORE SABLE ISLAND BANK 28.00 294 CORE VIBRACORE SABLE ISLAND BANK 28.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 24.00 296 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE	43 54' 2" - 60 20' 56" AMOS, C./DAWSON	201 56"	AMOS, C./D	AWSON	I SLAND	26.00	298	CORE	VIBRACORE	2.5
SABLE I SLAND BANK 27.00 294 CORE V I BRACORE SABLE I SLAND BANK 24.00 293 CORE V I BRACORE SABLE I SLAND BANK 27.00 293 CORE V I BRACORE SABLE I SLAND BANK 28.00 296 CORE V I BRACORE SABLE I SLAND BANK 28.00 294 CORE V I BRACORE SABLE I SLAND BANK 32.00 296 CORE V I BRACORE SABLE I SLAND BANK 24.00 296 CORE V I BRACORE SABLE I SLAND BANK 24.00 296 CORE V I BRACORE SABLE I SLAND BANK 24.00 294 CORE V I BRACORE SABLE I SLAND BANK 24.00 294 CORE V I BRACORE SABLE I SLAND BANK 24.00 294 CORE V I BRACORE	43 51' 53" - 59 57' 53" AMOS, C./DAWSON	571 53"	AMOS, C./D	AW SON	I SLAND	33.00	292	GRAB	VAN VEEN	
SABLE I SLAND BANK 24.00 293 CORE VI BRACORE SABLE I SLAND BANK 27.00 293 CORE VI BRACORE SABLE I SLAND BANK 28.00 294 CORE VI BRACORE SABLE I SLAND BANK 28.00 294 CORE VI BRACORE SABLE I SLAND BANK 32.00 296 CORE VI BRACORE SABLE I SLAND BANK 24.00 294 CORE VI BRACORE SABLE I SLAND BANK 24.00 294 CORE VI BRACORE SABLE I SLAND BANK 24.00 294 CORE VI BRACORE SABLE I SLAND BANK 24.00 294 CORE VI BRACORE SABLE I SLAND BANK 24.00 294 CORE VI BRACORE	43 53' 28" - 59 47' 53" AMOS, C. / DAWSON	471 5311	AMOS, C./DA	NOSM	I SL AND	27.00	294	CORE	V I BRACORE	175.0
SABLE I SLAND BANK 27.00 293 CORE V I BRACORE SABLE I SLAND BANK 30.00 293 CORE V I BRACORE SABLE I SLAND BANK 28.00 294 CORE V I BRACORE SABLE I SLAND BANK 32.00 296 CORE V I BRACORE SABLE I SLAND BANK 32.00 296 CORE V I BRACORE SABLE I SLAND BANK 24.00 294 CORE V I BRACORE SABLE I SLAND BANK 34.00 294 CORE V I BRACORE SABLE I SLAND BANK 24.00 294 CORE V I BRACORE SABLE I SLAND BANK 24.00 294 CORE V I BRACORE SABLE I SLAND BANK 24.00 294 CORE V I BRACORE	43 53' 26" - 59 48' 19" AMOS, C./DAWSON	48' 19"	AMOS, C./DA	NOSM	I SLAND	24.00	293	00RE	V I BRACORE	260.0
SABLE ISLAND BANK 30.00 293 CORE VIBRACORE SABLE ISLAND BANK 28.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE	43 53' 31" - 59 48' 48" AMOS, C./DAWSON	481 48"	AMOS, C./DA	MSON	I SLAND	27.00	293	CORE	VIBRACORE	0.0*
SABLE ISLAND BANK 28.00 296 CORE VIBRACORE SABLE ISLAND BANK 28.00 294 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE SABLE ISLAND BANK 24.00 292 GRAB VAN VEEN SABLE ISLAND BANK 24.00 294 CORE VIBRACORE	43 53' 26" - 59 49' 19" AMOS, C./DAWSON	491 19"	AMOS, C./DA	NOS	SLAND	30.00	293	CORE	V I BRACORE	112.0
SABLE ISLAND BANK 28.00 294 CORE VIBRACORE SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE SABLE ISLAND BANK 34.00 294 CORE VIBRACORE SABLE ISLAND BANK 34.00 292 GRAB VAN VEEN SABLE ISLAND BANK 24.00 294 CORE VIBRACORE	43 51' 20" - 60 3' 22" AMOS, C./DAWSON	31 22"	AMOS, C. /DAI	NOSA	I SLAND	28.00	736	CORE	VIBRACORE	128.0
SABLE I SLAND BANK 32.00 296 CORE VIBRACORE SABLE I SLAND BANK 24.00 294 CORE VIBRACORE SABLE I SLAND BANK 34.00 292 GRAB VAN VEEN SABLE I SLAND BANK 24.00 294 CORE VIBRACORE	43 53' 30" - 59 47' 21" AMOS, C./DAWSON	47' 21"	AMOS, C./DA	NOS/	I SLAND	28.00	294	CORE	V I BRACORE	290.0
SABLE ISLAND BANK 32.00 296 CORE VIBRACORE SABLE ISLAND BANK 24.00 294 CORE VIBRACORE SABLE ISLAND BANK 34.00 292 GRAB VAN VEEN SABLE ISLAND BANK 24.00 294 CORE VIBRACORE	43 51' 18" - 60 4' 29" AMOS, C./DAWSON	41 29"	AMOS, C./DAI	Nos	I SLAND	32,00	296	CORE	V I BRACORE	276.0
SABLE I SLAND BANK 24.00 294 CORE VIBRACORE SABLE I SLAND BANK 34.00 292 GRAB VAN VEEN SABLE I SLAND BANK 24.00 294 CORE VIBRACORE	43 51' 18" - 60 4' 11" AMOS, C./DAWSON	4' 11"	AMOS, C./DA	Nosw	I SL AND	32,00	2%	CORE	V I BRACORE	145.0
SABLE ISLAND BANK 34.00 292 GRAB VAN VEEN SABLE ISLAND BANK 24.00 294 CORE VIBRACORE	43 53' 30" - 60 2' 3" AMOS,C./DAWSON	21 3"	AMOS,C./DA	NS N	I SLAND	24.00	294	CORE	VIBRACORE	308.0
SABLE I SLAND BANK 24.00 294 CORE VIBRACORE	43 51' 55" - 59 57' 57" AMOS, C./DAWSON	571 57"	AMOS, C./DA	MSON	I SLAND	34.00	292	GRAB	VAN VEEN	
	43 53' 36" - 60 1' 21" AMOS, C./DAWSON	11 21"	AMOS, C./DA	NOSM	I SLAND	24.00	294	CORE	V I BRACORE	248.0

033 43 591 50" - 60 11 41" AMOS, C./DAMSON SABLE ISLAND BANK 23 00 294 CORE VIBRACORE 20 003A 43 491 50" - 59 54 131 AMOS, C./DAMSON SABLE ISLAND BANK 37.00 296 CORE VIBRACORE 1 003A 43 491 56" - 59 54 131 AMOS, C./DAMSON SABLE ISLAND BANK 37.00 296 CORE VIBRACORE 1 003A 43 491 56" - 59 541 54" AMOS, C./DAMSON SABLE ISLAND BANK 41.00 296 CORE VIBRACORE 1 003A 43 491 56" - 59 581 13" AMOS, C./DAMSON SABLE ISLAND BANK 41.00 296 CORE VIBRACORE 1 005 43 511 57" - 59 581 13" AMOS, C./DAMSON SABLE ISLAND BANK 32.00 292 GORE VIBRACORE 1 005 43 511 57" - 59 581 13" AMOS, C./DAMSON SABLE ISLAND BANK 32.00 292 GORE VIAN VEBN 001 43 511 55" - 59 581 13" AMOS, C./DAMSO	STATION	LATI TUDE	LONGITUDE	SCI ENTI ST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
49: 57: 1 - 59 54: 31 AMOS, C./DAMSON SABLE ISLAND BANK 38.00 295 CORE VIBRACOME 49: 57: 1 - 59 54: 31 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 296 CORE VIBRACORE 49: 57: 1 - 59 55: 21 AMOS, C./DAMSON SABLE ISLAND BANK 37.00 296 CORE VIBRACORE 49: 56: 1 - 59 56: 24 AMOS, C./DAMSON SABLE ISLAND BANK 37.00 296 CORE VIBRACORE 51: 54: 2 - 59 56: 42 AMOS, C./DAMSON SABLE ISLAND BANK 34.00 295 CORE VIBRACORE 51: 54: 2 - 59 56: 42 AMOS, C./DAMSON SABLE ISLAND BANK 34.00 295 GORB VIN VEBN 51: 57: 3 - 59 56: 19 AMOS, C./DAMSON SABLE ISLAND BANK 32.00 292 GORB VAN VEBN 51: 57: 4 - 59 56: 19 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GORB VAN VEBN 51: 57: 5 - 59 56: 19 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GORB VAN VEBN 51: 57: 5 - 59 56: 19 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GORB VAN VEBN 51: 56: 1 - 59 56: 1 - 59 56: 1 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GORB VAN VEB	1	1 						1		
491 551 - 59 54 131 AMOS, C./DAMSON SABLE ISLAND BANK 37.00 296 CORE VIBRACORE 491 561 - 95 551 241 AMOS, C./DAMSON SABLE ISLAND BANK 41.00 296 CORE VIBRACORE 491 561 - 95 551 241 AMOS, C./DAMSON SABLE ISLAND BANK 41.00 296 CORE VIBRACORE 511 541 - 95 561 241 AMOS, C./DAMSON SABLE ISLAND BANK 34.00 292 GRAB VAN VEBN 511 551 - 95 581 131 AMOS, C./DAMSON SABLE ISLAND BANK 34.00 292 GRAB VAN VEBN 511 551 - 95 581 131 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 95 581 131 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 95 581 131 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 95 581 131 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 95 581 131 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 95 581 341 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 95 581 481 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 95 581 481 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 95 581 481 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 59 581 481 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 59 581 481 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 551 - 59 591 141 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 521 - 59 591 141 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 521 - 59 591 281 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 521 - 59 591 281 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 521 - 59 591 481 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 511 - 59 591 481 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 511 511 - 59 591 581 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 511 511 - 59 591 581 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 511 - 59 591 581 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 511 511 - 59 591 581 AMOS, C./DAMSON SABLE ISLAND BANK 31.00		531	- - -	AMOS, C./DAWSON	SLAND	23.00	294	COK H	VI BRACORE	712.0
491 551 - 59 551 21 ANGS, CCDAMSON SABLE 18,AND BANK 37.00 226 CORE VIBRACORE 19, 196 561 561 541 ANGS, CCDAMSON SABLE 18,AND BANK 41.00 226 CORE VIBRACORE 19, 197 - 59 561 541 ANGS, CCDAMSON SABLE 18,AND BANK 41.00 226 CORE VIBRACORE 19, 151 551 - 59 581 451 ANGS, CCDAMSON SABLE 18,AND BANK 37.00 226 GRAB VAN VEBN ANGS, CCDAMSON SABLE 18,AND BANK 37.00 222 GRAB VAN VEBN ANGS, CC			541	AMOS, C./DAWSON	SLAND	38.00	5 8	CORE	V I BRACORE	240.0
491 56" - 59 551 34" AMGS, C., CAMASON SABLE 1SLAND BANK 71.00 226 CORE VIBRACORE 151 54" - 59 561 24" AMGS, C., CAMASON SABLE 1SLAND BANK 71.00 226 CORE VIBRACORE 151 54" - 59 561 54" AMGS, C., CAMASON SABLE 1SLAND BANK 71.00 226 CORE VIBRACORE 151 54" - 59 561 19" AMGS, C., CAMASON SABLE 1SLAND BANK 72.00 222 GRAB VAN VEBN 751 551 551 57" - 59 581 19" AMGS, C., CAMASON SABLE 1SLAND BANK 72.00 222 GRAB VAN VEBN 751 551 551 551 551 551 551 552 55 581 59 AMGS, C., CAMASON SABLE 1SLAND BANK 72.00 222 GRAB VAN VEBN 751 551 551 551 551 551 551 551 551 551		49.	551	AMOS, C. /DAWSON	I SLAND	37.00	296	CORE	V I BRACORE	134.0
49: 59: 24" AMOS, C./DAMSON SABLE ISLAND BANK 41:00 296 CORE VIBRACORE 49: 19: -59 58: 45: AMOS, C./DAMSON SABLE ISLAND BANK 41:00 296 CORE VIBRACORE 51: 53: -59 58: 13" AMOS, C./DAMSON SABLE ISLAND BANK 34:00 292 GRAB VAN VEBN 51: 57: -59 58: 13" AMOS, C./DAMSON SABLE ISLAND BANK 37:00 292 GRAB VAN VEBN 51: 57: -59 58: 15" AMOS, C./DAMSON SABLE ISLAND BANK 37:00 292 GRAB VAN VEBN 51: 55: -59 58: 73" AMOS, C./DAMSON SABLE ISLAND BANK 37:00 292 GRAB VAN VEBN 51: 55: -59 58: 45" AMOS, C./DAMSON SABLE		491	551	AMOS, C. /DAWSON	I SL AND	37.00	296	CORE	V I BRACORE	37.0
49 19 - 59 58 45° AMOS, C./DAMSON SABLE ISAND BANK 41.00 296 GRAB VIBRAOME 51 54° - 59 58 3° AMOS, C./DAMSON SABLE ISAND BANK 34.00 292 GRAB VAN VEBN 51 57° - 59 58 19° AMOS, C./DAMSON SABLE ISLAND BANK 32.00 292 GRAB VAN VEBN 51 57° - 59 58 19° AMOS, C./DAMSON SABLE ISLAND BANK 32.00 292 GRAB VAN VEBN 51 57° - 59 58 30° AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 51 56° - 59 58 37° AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN VEBN 51 56° - 59 58 43° AMOS, C./DAMSON		491	561	AMOS, C. /DAWSON	I SLAND	41.00	296	CORE	VI BRACORE	0.86
511 554" - 59 581 5" AMOS, C., DAWSON SABLE ISLAND BANK 34.00 292 GRAB VAN 1 511 554" - 59 581 8" AMOS, C., DAWSON SABLE ISLAND BANK 34.00 292 GRAB VAN 1 511 574" - 59 581 19" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 1 511 574" - 59 581 19" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 1 511 554" - 59 581 30" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 1 511 564" - 59 581 34" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 1 511 564" - 59 581 34" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 1 511 554" - 59 581 14" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 1 511 554" - 59 591 14" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292		491	581 2	AMOS, C. /DAWSON	I SL AND	41.00	296	CORE	V I BRACORE	160.0
511 551 - 59 581 81 AMOS, C., DAWSON SABLE ISLAND BANK 34.00 292 GRAB VAN 511 571 - 59 581 131 AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 571 - 59 581 131 AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 551 - 59 581 324 AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 551 - 59 581 341 AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 551 - 59 581 341 AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 551 551 - 59 581 341 AMOS, C., DAWSON		511		AMOS, C. /DAWSON	I SLAND	34.00	292	GRAB	VAN VEEN	
511 571 - 59 581 131 AMOS, C./DAMSON SABLE 1SLAND BANK 32.00 292 GRAB VAN 511 571 - 59 581 191 AMOS, C./DAMSON SABLE 1SLAND BANK 31.00 292 GRAB VAN 511 551 - 59 581 251 AMOS, C./DAMSON SABLE 1SLAND BANK 31.00 292 GRAB VAN 511 561 - 59 581 341 AMOS, C./DAMSON SABLE 1SLAND BANK 31.00 292 GRAB VAN 511 561 - 59 581 341 AMOS, C./DAMSON SABLE 1SLAND BANK 31.00 292 GRAB VAN 511 541 - 59 581 451 AMOS, C./DAMSON SABLE 1SLAND BANK 31.00 292 GRAB VAN 511 541 - 59 591 711 AMOS, C./DAMSON SABLE 1SLAND BANK 31.00 292 GRAB VAN 511 541 - 59 <td< td=""><td></td><td>51.</td><td>581</td><td>AMOS, C. /DAWSON</td><td>I SL AND</td><td>34.00</td><td>292</td><td>GRAB</td><td></td><td></td></td<>		51.	581	AMOS, C. /DAWSON	I SL AND	34.00	292	GRAB		
51 571 - 59 581 191 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 551 - 59 581 251 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 551 - 59 581 37 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 561 - 59 581 34 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 561 - 59 581 34 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 56 - 59 581 51 AMOS, C./DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 551 - 59 581 581 581 581 581 78 511 551 - 59 591 74 AMOS, C./DAMSON SABLE I		511	58	AMOS, C. /DAWSON	I SLAND	32.00	292	GRAB		
511 551 - 59 581 251 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 551 - 59 581 301 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 561 - 59 581 341 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 561 - 59 581 561 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 561 - 59 581 561 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 561 - 59 591 111 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 571 - 59 591 141 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 571 - 59			58	AMOS, C. /DAWSON	I SLAND	32.00	292	GRAB		
511 551 - 59 581 301 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 561 - 59 581 341 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 561 - 59 581 341 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 561 - 59 581 445 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 541 - 59 581 11 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 541 - 59 591 14 AMOS, C., DAMSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 521 - 59 591 14 AMOS, C., DAMSON SABLE ISLAND BANK 32.00 292 GRAB VAN 511 521 - 59		511	581	AMOS, C. /DAWSON	I SLAND	31.00	292	GRAB		
51 56" - 59 581 34" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 56" - 59 581 39" AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 56" - 59 581 45" AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 54" - 59 591 1" AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 55" - 59 591 1" AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 511 52" - 59 591 14" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 511 52" - 59 591 14" AMOS, C., DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 511 52" - 59 <t< td=""><td></td><td>511</td><td>581</td><td>AMOS, C. /DAWSON</td><td>ISLAND</td><td>31 •00</td><td>292</td><td>GRAB</td><td></td><td></td></t<>		511	581	AMOS, C. /DAWSON	ISLAND	31 •00	292	GRAB		
51 56" 59 38" 39" AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 55" 6 45" AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 54" - 59 58" 56" AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 55" - 59 59" 1" AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 51" - 59 59" 1" AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 51" - 59 59" 1" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 52" 59" 24" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 52" 59"		511	58	AMOS, C. /DAWSON	I SLAND	32.00	292	GRAB		
51: 55" - 59 58! 45" AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51: 54" - 59 58! 56" AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51: 55" - 59 59: 1" AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51: 51" - 59 59: 7" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 52" - 59 59: 14" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 52" - 59 59: 14" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 52" - 59 59: 14" AMOS, C., DAWSON SABLE ISLAND BANK 33.00 292 GRAB VAN 51: 52" - 59 59: 28" AMOS, C., DAWSON SABLE ISLAND BANK 33.00 292 GRAB VAN 51: 51" - 59 59: 46" AMOS, C., DAWSON SABLE ISLAND BANK 33.00 292 GRAB		511	581	AMOS, C. /DAWSON	I SL AND	31.00	292	GRAB		
51: 55" - 59 58: 56" AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51: 55" - 59 59: 1" AMOS, C., DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51: 55" - 59 59: 1" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 52" - 59 59: 7" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 52" - 59 59: 14" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 52" - 59 59: 21" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 52" - 59 59: 28" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 51" - 59 59: 28" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 51" - 59 59: 28" AMOS, C., DAWSON SABLE ISLAND BANK 30.00 292 GRAB		51.	58	AMOS, C. /DAWSON	I SLAND	32.00	292	GRAB		
51 55 99 1" AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 55 99 7" AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 51 51 7" AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 52 99 14" AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 52 99 14" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 52 99 24" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 52 99 24" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 51 59 59 24" AMOS, C./DAWSON		511	581	AMOS, C. /DAWSON	I SLAND	31.00	292	GRAB		
51 55 - 59 51 AMOS, C./DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51 51 51 - 59 57 T AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 52 - 59 51 14 AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 52 - 59 59 21 AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 52 - 59 59 24 AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 52 - 59 59 24 AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 52 69 59 24 AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 51 59 69 44		51.	591	AMOS, C. /DAWSON	I SLAND	31.00	292	GRAB		
51. - 59 7" AMOS, C./DAWSON SABLE SLAND BANK 31.00 292 GRAB VAN 51. 52. - 59 7" AMOS, C./DAWSON SABLE SLAND BANK 30.00 292 GRAB VAN 51. 52. - 59 21" AMOS, C./DAWSON SABLE SLAND BANK 32.00 292 GRAB VAN 51. 52. - 59 59. 24" AMOS, C./DAWSON SABLE SLAND BANK 32.00 292 GRAB VAN 51. 52. - 59 59. 24" AMOS, C./DAWSON SABLE SLAND BANK * 32.00 292 GRAB VAN 51. 51. 51. AMOS, C./DAWSON SABLE SLAND BANK * 32.00 292 GRAB VAN 51. 51. 51. AMOS, C./DAWSON SABLE SLAND BANK * 32.00 292 GRAB VAN 51. <		511	166	AMOS, C./DAWSON	I SLAND	30.00	292	GRAB		
51: 52: - 59 59: 14" AMOS, C./DAWSON SABLE ISLAND BANK 30.00 292 GRAB VAN 51: 52: - 59 59: 21" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51: 52: - 59 59: 28" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51: 52: - 59 59: 28" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51: 51: - 59 59: 28" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51: 51: - 59 59: 41" AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51: 51: 59: 99: 44: AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51: 51: 59: 5			265	AMOS, C. /DAWSON	I SLAND	31.00	292	GRAB		
51 52 5 59 21 AMOS, C./DAWSON SABLE ISLAND BANK 31.00 292 GRAB VAN 51 52 - 59 59 28 AMOS, C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 52 - 59 59 28 AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51 59 29 28 AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51 50 59 41 AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51 50 46 AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51 50 59 50 46 AMOS, C./DAWSON SABLE ISLAND </td <td></td> <td>511</td> <td>591</td> <td>AMOS, C. /DAWSON</td> <td>I SL AND</td> <td>30.00</td> <td>292</td> <td>GRAB</td> <td></td> <td></td>		511	591	AMOS, C. /DAWSON	I SL AND	30.00	292	GRAB		
51 53 - 59 59 28" AMOS,C./DAWSON SABLE ISLAND BANK 32.00 292 GRAB VAN 51 52" - 59 54" AMOS,C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51 59 28" AMOS,C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51 51" AMOS,C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" 51" AMOS,C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 52" 59" 46" AMOS,C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" 50" 59" 50" AMOS,C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" 50" 50" 50" <td< td=""><td></td><td>511</td><td>591</td><td>AMOS, C./DAWSON</td><td>I SLAND</td><td>31.00</td><td>292</td><td>GRAB</td><td></td><td></td></td<>		511	591	AMOS, C./DAWSON	I SLAND	31.00	292	GRAB		
51 52" - 59 54" AMOS, C. / DAWSON SABLE ISLAND BANK \$35.00 292 GRAB VAN 51 48" - 59 59 25" AMOS, C. / DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" - 59 59" 28" AMOS, C. / DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 50" - 59 59" 41" AMOS, C. / DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 50" - 59 59" 46" AMOS, C. / DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 50" - 59 59" 57" AMOS, C. / DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" - 60 0" 13" AMOS, C. / DAWSON SABLE ISLAND BANK * 30.00 293 GRAB VAN 51 51" - 60 0"<		511	591	AMOS, C. /DAWSON	I SLAND	32.00	292	GRAB		
51 48" - 59 59 25" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 293 GRAB VAN 51 51" - 59 59" 28" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 50" - 59 59" 41" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" - 59 59" 46" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" - 59 59" 57" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" - 60 0" 2" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 293 GRAB VAN 51 51" - 60 0" 13" AMOS, C./DAWSON SABLE ISLAND BANK * 30.00 293 GRAB VAN 51 51" - 60 <		511	591	AMOS, C./DAWSON	I SLAND	33.00	292	GRAB		
51 51 51 69 28 AMOS, C. /DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 50 59 41 AMOS, C. /DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51 51 59 46 AMOS, C. /DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 50 99 46 AMOS, C. /DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51 51 51 51 51 51 51 6RAB VAN 51 51 51 51 51 60 13 AMOS, C. /DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51 51 51 51 51 50 293 GRAB VAN 51 51 51 <td></td> <td>511</td> <td>59</td> <td>AMOS, C. /DAWSON</td> <td>I SL AND</td> <td></td> <td>293</td> <td>GRAB</td> <td></td> <td></td>		511	59	AMOS, C. /DAWSON	I SL AND		293	GRAB		
51 50" - 59 50' 35" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" 51" 69 41" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 50" 59 46" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" 60 13" AMOS, C./DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51" 60 13" AMOS, C./DAWSON SABLE ISLAND BANK * 30.00 293 GRAB VAN 51 51" 60 17" AMOS, C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51 51" 60 12" AMOS, C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51 51" 60 <			591	AMOS, C./DAWSON	I SL. AND		292	GRAB		
51 51 61<		511	50	AMOS, C. /DAWSON	I SL AND		292	GRAB		
51 50" 59 46" AMOS, C. /DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 50" 59 50" AMOS, C. /DAWSON SABLE ISLAND BANK * 32.00 292 GRAB VAN 51 51 51" - 60 0' 2" AMOS, C. /DAWSON SABLE ISLAND BANK * 32.00 293 GRAB VAN 51 51" - 60 0' 13" AMOS, C. /DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51 51" - 60 0' 17" AMOS, C. /DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51 51" - 60 0' 17" AMOS, C. /DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN		511	591	AMOS, C. /DAWSON	ISLAND		292	GRAB		
51 51 51 51 51 51 60 23 6RAB VAN 51 51 51 51 51 60 0 22 6RAB VAN 51 51 51 60 0 13 AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51 51 51 51 60 0 17 AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51 51 51 60 0 17 AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51 51 51 60 0 22 GRAB VAN		511	591	AMOS, C. /DAWSON	I SLAND		292	GRAB		
51 50 50 50 50 68 <td< td=""><td></td><td>511</td><td>591</td><td>AMOS, C./DAWSON</td><td>I SLAND</td><td></td><td>292</td><td>GRAB</td><td></td><td></td></td<>		511	591	AMOS, C./DAWSON	I SLAND		292	GRAB		
51. 51" - 60 0' 13" AMOS,C./DAWSON SABLE ISLAND BANK 31.00 293 GRAB VAN 51' 51" - 60 0' 17" AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51' 51" - 60 0' 22" AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN		514	591	AMOS, C. /DAWSON	I SL AND		292	GRAB		
51' 51" - 60 0' 17" AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51' 51" - 60 0' 17" AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51' 51" - 60 0' 22" AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN		511	0.2	AMOS, C./DAWSON	ISLAND	31.00	293	GRAB		
51' 51" - 60 0' 17" AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN 51' 51" - 60 0' 22" AMOS,C./DAWSON SABLE ISLAND BANK 30.00 293 GRAB VAN		511	0	AMOS, C./DAWSON	I SL AND	30.00	293	GRAB		
51' 51" - 60 0' 22" AMOS, C. / DAWSON SABLE I SLAND BANK 30.00 293 GRAB VAN		_	0.	AMOS, C./DAWSON	I SLAND	30.00	293	GRAB		
		511	0 2	AMOS, C. /DAWSON	I SLAND	30.00	293	GRAB		

* Approximate water depth.

TYPE	NO ON NO O		VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN
SAMPLE	9 00		GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB .	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB									
JULIAN	200	727	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	294	294	294	294	294	294	294	294	294	294	294
ОЕРТН	oc oc	73.00	30.00	32.00	32.00	33,00	35.00	34.00	33.00	33.00	32.00	32.00	32.00	24.00	25.00	25.00	25.00	24.00	24.00	24.00	24.00	24.00	25.00	25.00	26.00	23.00	22.00	21.00	21.00	22.00	22.00	23.00	24.00	25.00	25.00
GEOGRAPHIC AREA	! -	3.716	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE I SLAND BANK	SABLE ISLAND BANK	SABLE I SLAND BANK	SABLE ISLAND BANK																										
SCIENTIST-SHIP	ACCEPTANCE OF SCHOOL	AMOS , C. / DAW SOIN	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C. / DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAW SON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON												
LONGITUDE	t	>	- 60 0' 35"	- 60 0' 43"	- 60 0' 47"	- 60 0' 51"	- 60 1" 1"	- 60 11 6"	- 60 11 11"	- 60 1' 18"	- 60 11 22"	- 60 11 27"	- 60 11 28"		-	- 59 561 57"	- 59 57 1 0"	- 59 571 011	- 59 571 2"	- 59 57 1"	- 59 571 10"	- 59 57 13"	- 59 57' 16"	- 59 57' 20"	- 59 57' 24"	- 59 571 2811	- 59 57 35"	- 59 57' 40"	- 59 571 45"	- 59 57' 48"	- 59 57' 53"	- 59 581 011	- 59 58' 4"	- 59 581 911	- 59 58' 16"
LATITUDE		45 51. 51"	43 511 52"	43 51" 51"	43 511 51"	43 511 51"	43 511 51"	43 511 49"	43 511 51"	43 51' 52"	43 511 52"	43 51' 50"	43 511 49"	*N/A	*N/A	43 53' 32"	43 53' 32"	43 531 31"	43 531 30"	43 53' 30"	43 531 30"	43 531 30"	43 531 30"	43 53' 31"	43 531 30"	43 531 31"	43 531 30"	43 531 31"	43 531 30"	43 53! 31"	43 53' 31"	43 53' 30"	43 53' 30"	43 531 31"	43 531 29"
STATION		750	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	051	052	053	054	055	.056	057	058	059	090	190	062	90	064	990
CRUI SE		/cnca .	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037

*N/A Not Available

TYPE	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN		VAN VEEN				VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN			VAN VEEN					
SAMPLE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
JULIAN	294	. 462	294	294	294	294	294	294	294	294	294	294	294	294	294	294	295	295	295	295	295	295	295	295	295	295	295	532	295	295	295	295	295	295	295
DEPTH	26.00	26.00	25.00	23.00	23.00	25.00	26.00	24.00	23.00	24.00	26.00	24.00	23.00	23.00	25.00	24.00	24.00	24.00	24.00	24 • 00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	23.00	23.00	22.00	22.00
GEOGRAPHIC AREA	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	SABLE ISLAND BANK	I SL AND	SABLE ISLAND BANK													
SCIENTIST-SHIP	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C./DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C./DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAW SON	AMOS, C./DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAW SON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C. /DAWSON
LONGITUDE	- 59 58' 21"	- 59 581 25"	- 59 58' 30"	- 59 58' 35"	- 59 58' 42"	- 59 58' 46"	- 59,581 50"	- 59 581 55"	- 59 581 591	- 59 59' 7"	- 59 59' 11"	- 59 591 16"	- 59 59' 22"	- 59 591 291	- 59 59' 34"	- 59 34' 45"	- 59 34' 47"	- 59 34 52"	- 59 34' 58"	- 59 351 1"	- 59 35' 4"	- 59 351 711	- 59 35' 17"	- 59 351 21"	- 59 351 23"	- 59 351 28"	- 59 351 33"	- 59 351 3911	- 59 35' 42"	- 59 35' 48"	- 59 35' 51"	- 59 35' 53"	- 59 351 57"	- 59 36' 0"	- 59 361 2"
LATITUDE	43 531 28"	_	43 531 27"	43 53' 26"	43 53' 25"	43 53' 24"	43 531 22"	43 53' 22"	43 53' 23"	43 53' 24"	43 531 2511	43 53' 26"	43 53' 26"	43 531 28"	43 531 291	43 58 1 21 "	43 58' 23"	43 581 2311	43 581 22"	43 581 21"	43 58' 22"	43 581 23"	43 581 22"	43 58' 22"	43 58' 22"	43 581 22"	43 581 21"	43 581 22"	43 58' 22"	43 58 21"	43 58' 21"	43 58 21"	43 58' 21"	43 58' 22"	43 581 22"
STATION	990	190	890	690	070	071	072	073	074	075	9/0	7.10	078	670	080	081	082	083	084	085	980	180	980	680	060	160	092	093	094	095	960	260	860	660	100
CRU I SE	· 85037	F 85037	\$ 85037	F 85037	* 85037	⁴ 85037	£ 85037	+ 85037	* 85037	* 85037	* 85037	◆ 85037	4 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037

TYPE	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	· VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN							
SAMPLE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GR AB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	
J UL I AN	295	295	295	295	295	295	295	295	296	296	296	296	296	296	2%	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	296	
DEP TH	22.00	22.00	22.00	22.00	22.00	23.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	23.00	23.00	23.00	25.00	24.00	23.00	22.00	22.00	22.00	21.00	21.00	21.00	21.00	21.00	21.00	22.00	35.00	31.00	31.00	29.00	İ
GEOGRAPHIC AREA	SABIF ISLAND BANK	ONA 1S	ONA IS	ISI AND	SLAND	CNA	ONA IS	SLAND	I SL AND	ISLAND		_		SABLE ISLAND BANK	SLAND	I SL AND	I SLAND	ONA 1S	SIAND	ONA IS	ONA ISI	CNA	ONA IS	I SI AND	ISLAND	_	I SLAND	I SL AND	CNA	ONA 1S1	CNA	CINA	SLAND	ONE ST	25/10
SCIENTIST-SHIP	NOSMACK O SOMA	AMOS C ADAMSON	AMOS C. /DAWSON	AMOS C. ZDAWSON	AMOS C. ADAMSON	MOS IN TO SOME	AMOS , C. LOAMSON	AMOS C. /DAWSON	AMOS C. /DAWSON	AMOS C. /DAWSON	AMOS C. /DAWSON	AMOS C. ADAMSON	AMOS C. /DAWSON	MOS MOS C JOANSON	AMOS O O DAMSON	AMOS C ADAMSON	AMOS / JOAMSON	AMOS C. ADAMSON	AMOS C. /DAWSON	AMOS C. /DAWSON	AMOS C. /DAWSON	AMOS C. /DAWSON	MOSING (10 SOM	AMOS C ADAMSON	MOSWACI O 30M	AMOS, C. ADAMSON	AMOS C. ZDAWSON	AMOS C JOANSON	AMUS, C. / DAMSON						
LONG! TUDE		٠ ۲	0 7	٠ ۲	2 2	۲ ۱		0 1	. 0		2 7	2 %	3 3	3 3	2 2	ָר אָ אַר אָר	מל	٠ ۲	2 5		, ,	. / .				17.		. 10		200	የ ኑ		٠ ۲	٠ ۲	- 60 56' 18"
LATITUDE		<u> </u>	28	, g	20.	χ Ω	58	20. 50.	28.		0 5	45 58' 24"	0 0	0 5	200	20 0	20.	28.	20.	20	28	<u> </u>	28		284		200		30	28.	ž S	55	55.	לכ	43 55' 19"
STATION		101	102	103	104	ව	106	107	108	601	01 :	Ξ;	711	SE :	114	<u>.</u>	116	117	118	119	120	. 121	122	123	124	<u>2</u>	126	127	128	129	130	131	132	133	134
CRU1 SE		* 85037	* 85037	* 85037	* 85037	* 85037											* 85037	* 85037		* 85037		* 85037	* 85037								* 85037	* 85037		* 85037	* 85037

LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	рертн	JULIAN	SAMPLE	TYPE
22	- 60 36° 18°	AMOS C. /DAWSON	SABLE ISLAND BANK	28.00	. 296	GRAB	VAN VEEN
551 15"	60 36 1	AMOS, C. /DAWSON	*	27.00	297	GRAB	VAN VEEN
	38	AMOS, C. /DAWSON	SABLE ISLAND BANK	26.00	297	GRAB	VAN VEEN
5		AMOS, C. /DAWSON	SABLE ISLAND BANK	25.00	297	GRAB	VAN VEEN
7"		AMOS, C. /DAWSON	SABLE ISLAND BANK	25.00	297	GRAB	VAN VEEN
4"		AMOS, C. /DAWSON	SABLE ISLAND BANK	25.00	297	GRAB	VAN VEEN
58"		AMOS, C. /DAWSON	SABLE ISLAND BANK	28.00	297	GRAB	VAN VEEN
55"	38	AMOS, C. /DAWSON	SABLE ISLAND BANK	29.00	297	GRAB	VAN VEEN
51".		AMOS, C. /DAWSON	SABLE I SLAND BANK	30.00	297	GRAB	VAN VEEN
47"		AMOS .C. /DAWSON	SABLE ISLAND BANK	29.00	297	GRAB	VAN VEEN
44"	35.	AMOS, C. /DAWSON	SABLE ISLAND BANK	28.00	297	GRAB	VAN VEEN
42"	351	AMOS C. /DAWSON	SABLE ISLAND BANK	27.00	297	GRAB	VAN VEEN
43"	351	AMOS, C. /DAWSON	SABLE ISLAND BANK	28.00	297	GRAB	VAN VEEN
42"	351	AMOS, C. / DAWSON	SABLE ISLAND BANK	26.00	297	GRAB	VAN VEEN
40"	351	AMOS, C. /DAWSON	SABLE I SLAND BANK	26.00	297	GRAB	VAN VEEN
		AMOS, C. /DAWSON	SABLE ISLAND BANK	26.00	297	GRAB	VAN VEEN
35"	- 60 35' 48"	AMOS, C. /DAWSON	SABLE ISLAND BANK	28.00	297	GR AB	VAN VEEN
31"	- 60 35' 48"	AMOS, C./DAWSON	SABLE ISLAND BANK	30.00	297	GRAB	VAN VEEN
28"	- 60 35' 46"	AMOS, C./DAWSON	SABLE ISLAND BANK	36.00	297	GRAB	VAN VEEN
19"	- 60 35' 42"	AMOS, C. /DAWSON	SABLE ISLAND BANK	36.00	297	GRAB	
14"	- 60 351 40"	AMOS, C. /DAW SON	SABLE ISLAND BANK	34.00	297	GRAB	
. 6	- 60 35' 38"	AMOS, C. /DAWSON	SABLE ISLAND BANK	32.00	297	GRAB	
9	- 60 351 35"	AMOS, C. /DAWSON	SABLE ISLAND BANK	32.00	297	GR AB	VAN VEEN
.0	- 60 35 33"	AMOS, C./DAWSON	SABLE ISLAND BANK	31 •00	297	GRAB	
57"	- 60 351 30"	AMOS, C. /DAWSON	SABLE ISLAND BANK	31.00	297	GRAB	VAN VEEN
53"	- 60 35' 28"	AMOS, C. /DAWSON	SABLE ISLAND BANK	30.00	297	GRAB	VAN VEEN
22"	- 59 53' 2"	AMOS, C. /DAWSON	SABLE ISLAND BANK	20.00	297	GRAB	VAN VEEN
581 23"		AMOS, C. /DAWSON	SABLE ISLAND BANK	19.00	297	GRAB	VAN VEEN
22"		AMOS, C. /DAWSON	SABLE ISLAND BANK	19.00	298	GRAB	VAN VEEN
22"		AMOS, C. /DAWSON	SABLE ISLAND BANK	19.00	298	GRAB	VAN VEEN
581 22"	531	AMOS, C. /DAWSON	SABLE ISLAND BANK	19.00	298	GRAB	VAN VEEN
	531	AMOS, C. /DAWSON	SABLE ISLAND BANK	19.00	298	GRAB	VAN VEEN
		AMOS, C. /DAWSON	SABLE ISLAND BANK	19.00	298	GRAB	VAN VEEN

ТҮРЕ		VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN									
SAMPLE		GRAB	GR AB	GRAB																			
JULIAN		298	298	298	298	298	238	298	298	298	298	298	298	298	298	298	298	298	299	299	299	299	299
ОЕРТН		19.00	19.00	18.00	18.00	17.00	16.00	17.00	16.00	16.00	16.00	16.00	16.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	16.00	15.00	15.00
GEOGRAPHIC AREA	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	SABLE ISLAND BANK	SABLE 'I SLAND BANK	SABLE ISLAND BANK																			
SCIENTIST-SHIP		AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON	AMOS, C./DAWSON	AMOS, C. /DAW SON	AMOS, C./DAWSON	AMOS, C./DAWSON	AMOS, C. /DAWSON														
LONGITUDE		- 59 531 3911	- 59 53' 43"	- 59 531 46"	- 59 53' 51"	- 59 53' 56"	- 59 531 58"	- 59 541 511	- 59 54' 8"	- 59 541 10"	- 59 54' 7"	- 59 541 91	- 59 541 13"	- 59 54' 20"	- 59 54' 26"	- 59 54' 31"	- 59 54' 36"	- 59 54' 39"	- 59 54' 44"	- 59 54' 48"	- 59 54' 52"	- 59 54' 56"	- 59 55' 1"
LATITUDE		43 58' 22"	43 58' 22"	43 58' 22"	43 58' 21"	43 58' 22"	43 58 21"	43 581 22"	43 581 22"	43 58' 22"	43 58 21"	43 581 25"	43 581 24"	43 58' 23"	43 581 23"	43 58' 22"	43 581 22"	43 58' 22"	43 58' 22"	43 58' 22"	43 58' 22"	43 58' 23"	43 58' 22"
STATION	. 	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	<u>78</u>	185	186	187	188	189	190
CRUISE		* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037	* 85037

Purpose: To sample bedrock using the Nordco auger rockcore drill on the west side of Flemish Pass.

CRUI SE	CRUISE STATION LATITUDE	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JULIAN	SAMPLE	TYPE	LENGTH
* 85044		46 23' 56"	- 46 53' 52"	MANCHESTER, K./	FLEMISH PASS,	870.00	320	CORE	PI STON	538.0
				HUDSON	GRAND BANKS, NFLD					
* 85044	005	46 21' 37"	- 46 54' 12"	MANCHESTER, K./	FLEMISH PASS,	770.00	321	CORE	PISTON	650.0
				HUD SON	GRAND BANKS, NFLD					
* 85044	003	47 0' 17"	- 47 31 58"	MANCHESTER, K./	FLEMI SH PASS,	1012.00	321	CORE	PISTON	880.0
				HUDSON	GRAND BANKS, NFLD					
* 85044	003	47 01 17"	- 47 3' 58"	MANCHESTER, K./	FLEMISH PASS,	1100.00	321	CORE	TR IGGER	127.0
				HUD SON	GRAND BANKS, NFLD				WEIGHT	
* 85044	400	46 56' 54"	- 47 7' 26"	MANCHESTER, K./	FLEMISH PASS,	1100.00	321	CORE	PISTON	200.0
			•	HUDSON	GRAND BANKS, NFLD					

Purpose : To ground truth interpretations of bottom character derived from earlier data. Also to sample fields of large gravel bed forms formally detected on sidescan and brutiv records.

CRU I SE	DIVE	NUMBER	LATITUBE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	ТҮРЕ
* 85050A 1604	1604	8505001	44 34' 53"	- 63 22¹ 48"	FORBES,D./PANDORA INNER SCOTIAN SHELF, OFF COL	INNER SCOTIAN SHELF, OFF COLE HDB & OCRORNE	32.00	135	GRAB	PISCES IV
* 85050A 1604	1604	8505002	44 34' 53"	- 63 22' 48"	FORBES, D. /PANDORA INNER SCOTIAN SHELF, OFF COL	HEAD INNER SCOTIAN SHELF, OFF COLE HBB. & OSBORNE	32.00	135	GRAB	PISCES IV
* 85050A 1604	1604	8505003	44 35' 12"	- 63 22' 54"	HEAD FORBES, D. / PANDORA INNER SCOTIAN SHELF, OFF COL	HEAD INNER SCOTIAN SHELF, OFF COLE HRB. & OSBORNE	30.50	135	GRAB	PISCES IV
* 85050A	1604	8505004	44 35' 12"	- 63 22' 54"	HEAD FORBES, D./PANDORA INNER SCOTIAN SHELF, OFF COL	HEAD INNER SCOTIAN SHELF, OFF COLE HRB. & OSBORNE	30.50	. 135	GRAB	PISCES IV
* 85050A 1604	1604	8505005	44 36' 7"	- 63 23' 4"	HEAD FORBES, D. / PANDORA INNER SCOTIAN SHELF, OFF COL HRB. & OSBORNE HEAD	HEAD INNER SCOTIAN SHELF, OFF COLE HRB. & OSBORNE HEAD	25.50		GRAB	PISCES IV

Purpose : To evaluate seismic and sidescan interpretations of surficial features from the Gully, Sable Island Bank and Banquereau Bank by on-site inspection using Pisces 1V.

CRU I SE	DIVE	TRAY		LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JUL I AN	SAMPLE	TYPE
 		! ! !								
85054	1609	005	44 9' 11"	- 60 28' 5"	AMOS, C. /PANDORA	SABLE ISLAND BANK	412.00	144	GRAB	PISCES IV
85054	1609	900	44 9' 11"	- 60 28' 5"	AMOS, C. /PANDORA	SABLE ISLAND BANK	412.00	144	GRAB	PISCES 1V
85054	1610	100	44 8' 57"	- 59 261 55"	AMOS, C. /PANDORA	SABLE ISLAND BANK	240.00	144	GRAB	PISCES IV
85054	1610	005	44 8' 57"	- 59 26' 55"	AMOS, C. /PANDORA	SABLE ISLAND BANK	240.00	144	GRAB	PISCES IV
85054	1610	003	44 8' 57"	- 59 26' 55"	AMOS, C. /PANDORA	SABLE ISLAND BANK	240.00	144	GRAB	PISCES IV
85054	1607	003	43 46' 36"	- 60 21 55"	AMOS, C. /PANDORA	SABLE I-SLAND BANK	50.00	143	GRAB	PISCES IV
85054	1607	900	43 46' 36"	- 60 21 55"	AMOS, C. /PANDORA	SABLE ISLAND BANK	50.00	143	GR AB	PISCES IV
85054	1607	900	43 46' 36"	- 60 21 55"	AMOS, C. /PANDORA	SABLE ISLAND BANK	50.00	143	GRAB	PISCES IV
85054	1607	900	43 46' 36"	- 60 21 55"	AMOS, C. /PANDORA	SABLE ISLAND BANK	20.00	143	GRAB	PISCES IV
85054	1607	007	43 46' 36"	- 60 21 55"	AMOS, C. /PANDORA	SABLE ISLAND BANK	50.00	143	GRAB	PISCES IV
85054	1611	005	* N/A		AMOS, C./PANDORA	SABLE ISLAND BANK	135.00	145	GRAB	PISCES IV

* N/A - not available.

Purpose : A study conducted on the Grand Banks to investigate the superfurrow or largest iceburg furrow on the Grand Banks, together with shell beds, iceberg pits and sand ridges in the vicinity of the offshore Hibernia well.

CRUI SE	CRUISE STATION	NUMBER	LATITUDE	LONGI TUDE	SCI ENT I ST-SHIP	GEOGRAPHIC AREA	DEPTH	JUL I AN	SAMPLE	TYPE
	 	1 1 1 1 1 1		· Qu. Car dat Car dat Car						
* 85057	100	100	43 491 5911	- 50 45' 0"	FADER, G. /PANDORA	TAIL OF GRAND	34.00	187	GRAB	PISŒS 1V
* 85057	001	002	43 49' 59"	- 50 45' 0"	FADER, G./PANDORA	TAIL OF GRAND	34.00	187	GRAB	PISŒS IV
* 85057	001	003	43 49' 59"	- 50 45' 0"	FADER, G./PANDORA	DANNS, NFLD TAIL OF GRAND RANKS NFLD	34.00	187	GRAB	PI SOES IV
* 85057	005	100	43 49' 59"	- 50 45' 0"	FADER, G. /PANDORA	TAIL OF GRAND	34.00	18 48	GRAB	PISCES IV
* 85057	002	002	43 49' 59"	- 50 45' 0"	FADER, G./PANDORA	TAIL OF GRAND	34.00	184	GR AB	PISCES IV
* 85057	002	003	43 49' 59"	- 50 45' 0"	FADER, G./PANDORA	TAIL OF GRAND	. 34.00	<u>18</u>	GRAB	PISCES IV
* 85057	003	100	43 491 59"	- 50 45' 0"	FADER, G. /PANDORA	TAIL OF GRAND	34.00	184	GRAB	PISCES IV
* 85057	003	002	43 49' 59"	- 50 451 011	FADER, G. /PANDORA	DANNS, NFLU TAIL OF GRAND DANNS NEID	34.00	184	GRAB	PISŒS IV
* 85057	003	500	43 491 5911	- 50 45' 0"	FADER, G. /PANDORA	TAIL OF GRAND	34.00	184	GRAB	PISCES IV
* 85057	003	900	43 491 5911	- 50 45' 0"	FADER, 6. /PANDORA	TAIL OF GRAND	34.00	184	GRAB	PISCES IV
* 85057	004	100	46 34' 0"	- 52 49' 0"	FADER, G. /PANDORA	TAIL OF GRAND	102.00	184	GRAB	PISCES IV
* 85057	004	000	46 34' 0"	- 52 49' 0"	FADER, G./PANDORA	TAIL OF GRAND BANKS, NFLD	102.00	184	GR AB	PISCES IV

CRUISE	DIVE	NUMBER	LATITUDE	LONG! TUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE
							r der tip des der des des des des des des			
* 85057	1635	100	43 491 591	- 50 45' 0"	FADER, G./PANDORA	TAIL OF GRAND BANKS,NFLD	34.00	187	GRAB	PISCES 1V
* 85057	1635	002	43 49' 59"	- 50 45' 0"	FADER, G./PANDORA	TAIL OF GRAND BANKS,NFLD	34.00	187	GRAB	PI SCES IV
* 85057	1635	003	43 49' 59"	- 50 45' 0"	FADER, G./PANDORA	TAIL OF GRAND BANKS, NFLD	34.00	187	GRAB	PISŒS IV
* 85057	1632	001	43 491 5911	- 50 45' 0"	FADER, G. /PANDORA	TAIL OF GRAND BANKS, NFLD	34.00	184	GRAB	PI SCES 1V
* 85057	1632	002	43 491 5911	- 50 45' 0"	FADER, G./PANDORA	TAIL OF GRAND BANKS, NFLD	34.00	184	GRAB	PISCES IV
* 85057	1632	003	43 49' 59"	- 50 45' 0"	FADER, G./PANDORA	TAIL OF GRAND BANKS, NFI D	34.00	184	GRAB	PISCES IV
* 85057	1633	100	43 491 591	- 50 45' 0"	FADER, G. /PANDORA	TAIL OF GRAND BANKS, NFLD	34.00	184	GRAB	PISCES IV
* 85057	1633	005	43 491 5911	- 50 45' 0"	FADER, G. /PANDORA	TAIL OF GRAND BANKS, NFLD	34.00	184	GRAB	PISCES IV
* 85057	1633	003	43 49' 59"	- 50 451 011	FADER, G. /PANDORA	TAIL OF GRAND BANKS, NFLD	34.00	184	GRAB	PISCES IV
* 85057	1633	004	43 49' 59"	- 50 45' 0"	FADER, G. /PANDORA	TAIL OF GRAND BANKS, NFLD	34.00	184	GRAB	PISCES IV
* 85057	1634	100	46 34' 0"	- 52 49' 0"	FADER, G. /PANDORA	TAIL OF GRAND BANKS, NFLD	102.00	184	GRAB	PI SCES IV
* 85057	1634	000	46 34' 0"	- 52 49' 0"	FADER,G./PANDORA	TAIL OF GRAND BANKS, NFLD	102.00	184	GRAB	PISCES IV

Purpose: To ground truth sidescan data in the vicinity of the 1929 Grand Banks earthquake epicentre.

CRUISE STATION	N LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
i - - - -						1 1 1 1 1 1 1	: ! ! !		
001	44 411 40"	- 56 61 011	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1400.00	204	GRAB	SHIPEK	
005	44 37	- 56 10' 20"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1605.00	204	GRAB	SHIPEK	
003	44 34' 33"	- 56 10' 1"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1705.00	205	GRAB	SHIPEK	
004	44 46' 57"	- 55 43' 52"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	795.00	206	CORE	GRAVITY	73.0
900	44 45' 42"	- 55 40' 33"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	765.00	207	CORE	GRAV ITY	55.0
900	44 45' 36"	- 55 44' 8"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	940.00	207	CORE	GRAVITY	0.99
000	44 47' 23"	- 56 11 25"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	890.00	208	CORE	GRAV I TY	70.0
800	44 48' 12"	- 56 21 311	PIPER, D. /PANDORA	ST. PIERRE SLOPE	773.00	208	CORE	GRAV ITY	0.79
600	44 49' 13"	- 56 11 40"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	687.00	208	CORE	GRAV ITY	38.0
85059 1640	44 31' 47"	- 56.91 8"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	2006.00	205	GRAB	PISCES IV	
85059 1640	44 31' 47"	- 56 91 8"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	2006.00	205	GRAB	PISCES IV	
85059 1640	44 31' 47"	- 56 91 811	PIPER, D. /PANDORA	ST. PIERRE SLOPE	2006.00	205	GRAB	PISCES IV	
85059 1640	44 31' 47"	- 56 91 8"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	2006.00	205	GRAB	PISCES IV	
85059 1640	44 311 47"	- 56 91 8"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	2006.00	205	GRAB	PISCES IV	
85059 1640	44 311 47"	- 56 91 8"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	2006.00	205	GRAB	PISCES IV	
85059 1641	44 46' 0"	- 56 21 30"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	1270.00	206	GRAB	PISCES IV	
85059 1641	44 46' 0"	- 56 21 30"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	1270.00	206	GRAB	PISCES IV	
85059 1641	44 46' 0"	- 56 21 30"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	1270.00	506	GRAB	PISCES IV	
85059 1641	44 46' 0"	- 56 21 30"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1270.00	206	GRAB	PISCES IV	
85059 1641	44 46' 0"	- 56 2' 30"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1270.00	206	GRAB	PISCES IV	
85059 1641	44 46' 0"	- 56 2' 30"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1270.00	506	GRAB	PISCES IV	
85059 1642	44 37' 34"	- 55 501 58"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 37' 34"	- 55 501 58"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 371 3411	- 55 501 58"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 37' 34"	- 55 501 58"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 371 34"	- 55 501 58"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 37' 34"	- 55 501 58"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 37' 34"	- 55 501 58"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 37' 34"	- 55 50' 58"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 37' 34"	- 55 501 58"	PIPER, D. / PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 37' 34"	- 55 50' 58"	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 37' 34"	- 55 501 5811	PIPER, D. /PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISCES IV	
85059 1642	44 371 34"	- 55 501 5811	PIPER, D. / PANDORA	ST. PIERRE SLOPE	1617.00	210	GRAB	PISŒS 1V	

Purpose: To ground truth existing acoustic profiles obtained on earlier cruises on Labrador Shelf and to assist in the interpretation of continental processes in the vicinity of the Strait of Belle Isle.

ORU1 SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 85061	100	51 16' 34"	- 56 56' 53"	JOSENHANS,H./	STRAIT OF BELLE	86.00	228	GRAB	PISCES IV	
* 85061	500	51 22' 0"	- 56 47' 48"	JOSENHANS, H./	STRAIT OF BELLE	95.00	229	GRAB	PISCES IV	
* 85061	900	55 391 53"	- 58 15' 6"	JOSENHANS, H./	STRAIT OF BELLE	111.00	231	GRAB	PISCES IV	
* 85061	900	55 41' 21"	- 58 21 311	JOSENHANS, H./	STRAIT OF BELLE	118.00	232	GRAB	PISCES IV	
* 85061	200	55 311 591	- 58 171 5911	JOSENHANS, H./ PANDORA	STRAIT OF BELLE	170.00	233	CORE	GRAV ITY	19.0
* 85061	800	55 311 32"	- 58 91 27"	JOSENHANS, H./	STRAIT OF BELLE	103.00	233	GRAB	PISCES 1V	
* 85061	800	55 47' 17"	- 58 8' 21"	JOSENHANS, H./	STRAIT OF BELLE	300.00	233	CORE	GRAV I TY	31.0
* 85061	800	55 31' 32"	- 58 91 27"	JOSENHANS, H./	STRAIT OF BELLE	130.00	233	GRAB	PI SCES IV	
* 85061	800	55 311 32"	- 58 9' 27"	JOSENHANS, H./	STRAIT OF BELLE	103.00	233	GRAB	PI SCES IV	
* 85061	800	55 311 32"	- 58 9' 27"	JOSENHANS, H./ PANDORA	STRAIT OF BELLE	103.00	233	GRAB	PISCES IV	
* 85061	800	55 311 32"	- 58 91 27"	JOSENHANS, H./ PANDORA	STRAIT OF BELLE	103.00	233	GRAB	PISCES IV	
* 85061	600	55 271 26"	- 58 6' 27"	JOSENHANS, H./	STRAIT OF BELLE	103.00	233	GRAB	PISCES IV	
* 85061	600	55 27' 26"	- 58 61 2711	JOSENHANS, H./	STRAIT OF BELLE	103.00	233	GRAB	PISŒS IV	
* 85061	600	55 47' 19"	- 58 8' 22"	JOSENHANS, H./	STRAIT OF BELLE	300.00	233	CORE	GRAV ITY	95.5
* 85061	010	55 52' 12"	- 58 14' 30"	FANDORA JOSENHANS, H./ PANDORA	STRAIT OF BELLE	455.00	233	CORE	GRAV ITY	78.0

CRUI SE	STATION	LATITUDE	LONGITUDE	SCIENTI ST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
	† † † †		Í	F						
* 85061	011	55 52' 15"	- 58 14' 28"	JOSENHANS, H./	STRAIT OF BELLE	453.00	233	CORE	GRAVITY	5.0
* 85061	012	55 321 30"	- 58 191 0"	JOSENHANS, H./	STRAIT OF BELLE	147.00	235	GRAB	PI SCES IV	
	;	ć	0	PANDORA 10 CEMIJANS II /	ISLE CTDA IT OF BELLE	147.00	235	GRAB	PI SCES 1V	
* 85061	012	,,05 ,75 ,66	.0 .61 80 -	PANDORA	5	-	}) :		
* 85061	013	58 52' 29"	- 61 47' 30"	JOSENHANS, H./	STRAIT OF BELLE	173.00	237	CORE	PISCES IV	22.0
				PANDORA	ISLE					
* 85061	013	58 521 29"	- 61 47' 30"	JOSENHANS, H./	STRAIT OF BELLE	173.00	237	CORE	PISCES 1V	20.0
				PANDORA	I SLE					
* 85061	013	58 52' 29"	- 61 46' 30"	JOSENHANS, H./	STRAIT OF BELLE	173.00	237	CORE	PISŒS IV	- - 0
				PANDORA	ISLE		٠			
* 85061	013	58 52' 29"	- 61 47' 30"	JOSENHANS, H./	STRAIT OF BELLE	173.00	237	CORE	PISCES IV	* N/A
				PANDORA	ISLE					
* 85061	014	59 201 3"	- 62 35" 35"	JOSENHANS, H./	STRAIT OF BELLE	119.00	239	CORE	PISCES IV	10.0
				PANDORA	ISLE					
* 85061	014	59 20' 40"	- 62 341 3811	JOSENHANS,H./	STRAIT OF BELLE	119.00	239	CORE	PISCES IV	* N/A
				PANDORA	ISLE					
* 85061	014	59 201 30"	- 62 331 42"	JOSENHANS, H./	STRAIT OF BELLE	119.00	239	CORE	PISCES IV	23.0
				PANDORA	ISLE					
* 85061	014	59 201 4011	- 62 341 3811	JOSENHANS, H./	STRAIT OF BELLE	119.00	239	CORE	PISCES 1V	* N/A
				P ANDORA	ISLE					
* 85061	015	60 52' 48"	- 60 58' 54"	JOSENHANS, H./	STRAIT OF BELLE	995.00	241	CORE	PI SCES IV	24.0
				PANDORA	ISLE					
* 85061	910	60 25' 16"	- 63 25' 20"	JOSENHANS, H./	STRAIT OF BELLE	211.00	242	CORE	PISŒS IV	10.0
				PANDORA	ISLE .					
* 85061	017	59 201 19"	- 62 331 1811	JOSENHANS, H./	STRAIT OF BELLE	119.00	239	GRAB	PISCES IV	
				PANDORA	ISLE					
* 85061	017	59 201 1911	- 67 331 17"	JOSENHANS, H./	STRAIT OF BELLE	119.00	239	GRAB	PISCES 1V	
				PANDORA	1SLE					
* 85061	018	60 52' 48"	- 60 58' 54"	JOSENHANS, H./	STRAIT OF BELLE	995.00	241	GRAB	PISCES IV	
				PANDORA	I SLE					

* N/A - not available

Purpose: To observe subaquaeous slope failure deposits. Carried out local surficial sediment mapping and sampling along ten fjords located along the east coast of Baffin Island.

STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
67 12'	12' 36"	- 64 46' 0"	ASPREY,K./PANDORA CORONATION FJORD	CORONATION FJORD RAFFIN ISLAND	152,00	250	CORE	LEHIGH	0.0
19	12' 36"	- 64 46' 0"	ASPREY, K./PANDORA	ຸ 8	152,00	250	WATER	CLD	
67	67 12' 36"	- 64 46' 0"	ASPREY, K./PANDORA CORONATION FICED	CORONATION FJORD	155.00	250	CORE	LEHIGH	240.0
19	7 12' 36"	- 64 46' 0"	ASPREY, K./PANDORA	, BAFFIN ISLAND MCBETH FJORD, BAFFIN ISLAND	152.00	250	CORE	LEHIGH	261.0
9	67 14' 17"	- 64 22' 59"	ASPREY,K./PANDORA	_	00°09	249 ·	WATER	СПО	
Ø	69 191 201	- 68 46' 18"	ASPREY, K./PANDORA	、 二	00.00	256	ВЕАСН	TROWEL	
v	67 21 10"	- 64 46' 24"	ASPREY,K./PANDORA	- '	91.00	251	CORE	LEHI GH	256.0
•	67 211 10"	- 64 46' 24"	ASPREY, K./PANDORA	• 뿔	107.00	251	CORE	LEHIGH	262.0
_	67 191 101	- 64 46' 24"	ASPREY, K./PANDORA	~ 出	122.00	251	CORE	LEHIGH	0.0
	67 21 10"	- 64 46' 24"	ASPREY,K./PANDORA	、	97.00	251	CORE	ГЕНІСН	210.0
	67 191 3611	- 64 32' 19"	, BAFFIN ISLA ASPREY,K./PANDORA MAKTAK FJCRD, RAFFIN ISLAND	, BAFFIN ISLAND MAKTAK FJORD, BAFFIN ISLAND	242.00	251	CORE	LEHIGH	268.0
	67 211 611	- 65 48' 0"	SCHAFER, C./PANDOR	SCHAFER, C./PANDORA HEAD MAKTAK FJORD	00.00	251	BEACH	TROWEL	
_	67 21' 6"	- 65 48' 0"	SCHAFER, C./PANDOR	SCHAFER, C. /PANDORA HEAD MAKTAK FJORD BAFFIN ISLAND	00.00	251	BEACH	TROWEL	
•	67 21' 6"	- 65 48' 0"	SCHAFER, C./PANDOR.	SCHAFER, C./PANDORA HEAD MAKTAK FJORD PAECIN 151 AND	00.00	. 251	BEACH	TROWEL	
v	67 191 29"	- 64 34' 18"	, BAFFIN ISLY ASPREY,K./PANDORA MAKTAK FJORD, BAFFIN ISLAND	, BAFFIN ISLAND MAKTAK FJORD, BAFFIN ISLAND	160.00	251	WATER	СТО	

CRUI SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JULIAN	SAMPLE	ТҮРЕ	LENGTH
* 85062	MA20	67 191 29"	- 64 34' 18"	ASPREY,K./PANDORA MAKTAK	_	160.00	251	WATER	CTD	
* 85062	MC5	69 32' 54"	- 69 47' 30"	ASPREY, K./PANDORA	BAFFIN ISLAND MCBETH FJORD,	00*009	260	WATER	CE D	
* 85062	WC5	69 32' 54"	- 69 47' 30"	ASPREY,K./PANDORA	BAFFIN ISLAND MOBETH FJORD,	00*009	260	WATER	CID	
* 85062	SU0.3	66 36' 53"	- 62 3' 42"	ASPREY,K./PANDORA	SUNNESHINE FJORD	256.00	248	CORE	ГЕНІСН	158.0
* 85062	SU2A	66 35' 59"	62 21 59"	SCHAFER, C. / PANDORA SUNNESHINE FJORD RAFFIN ISLAND	, DATFIN ISLAND A SUNNESHINE FJORD RAFFIN ISLAND	00.0	248	BEACH	TROWEL	
* 85062	SU3A	66 321 2811	- 62 2' 59"	SCHAFER, C. /PANDORA	SCHAFER, C. /PANDORA SUNNESHINE FJORD	00•0	248	BEACH	TROWEL	
* 85062	SU4A	66 35' 59"	- 62 21 59"	SCHAFER, C. /PANDORA	0)	00.0	248	BEACH	TROWEL	
* 85062	SU5A	66 351 5911	- 62 2' 59"	SCHAFER, C. /PANDOR	SCHAFER, C./PANDORA SUNNESHINE FJORD RAFFIN ISLAND	00.00	248	BEACH	TROWEL	
* 85062	110	68 591 3611	- 68 57† 36#	ASPREY,K./PANDORA	• <u>-</u> 5	00.0	254	ВЕАСН	TROWEL	
* 85062	1680	69 15' 36"	- 68 4' 29"	ASPREY, K./PANDORA		91.00	257	GRAB	VAN VEEN	
* 85062	20A	69 16' 29"	- 69 151 211	ASPREY, K./PANDORA	Σ. α	91.00	256	CORE	ГЕНІСН	146.0
* 85062	208	69 16' 23"	- 69 14' 19"	ASPREY,K./PANDORA	MCBETH BAFF IN	91.00	256	CORE	LEHIGH	113.0
* 85062	20C	69 161 1911	- 69 13' 58"	ASPREY, K./PANDORA	MCBETH P	101 .00	256	CORE	ГЕНІСН	0.0
* 85062	20D	69 16' 32"	- 69 15' 33"	ASPREY,K./PANDORA	MCBETH I	85.00	256	CORE	ГЕНІӨН	47.0
* 85062	. 22	69 191 2311	- 68 46' 18"	ASPREY, K. /PANDORA	MCBETH	417.00	257	WATER	CLD	
* 85062	22	69 19' 23"	- 68 46' 18"	ASPREY,K./PANDORA	MCBETH I	417.00	257	WATER	CEO	
* 85062	22	69 19' 23"	- 68 46' 18"	ASPREY,K./PANDORA MCBETH BAFFIN		417.00.	257	· WATER	СПО	

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
] 	مواد جات	de d			! ! ! !	! ! !			1 1 1 1 1 1 1
* 85062	35	69 321 53"	- 69 47' 30"	ASPREY, K. / PANDORA MOBETH FJORD,	A MOBETH FJORD,	330.00	259	WATER	CID	
					BAFFIN ISLAND					
* 85062	35	69 32' 53"	- 69 47' 30"	ASPREY, K. / PANDORA MCBETH FJORD,	A MCBETH FJORD,	330.00	259	WATER	CID	
					BAFFIN ISLAND					
* 85062	33	69 32' 53"	- 69 47' 30"	ASPREY, K./PANDORA MCBETH FJORD,	A MCBETH FJORD,	330.00	259	CORE	LEHIGH	110.0
					BAFFIN ISLAND					
* 85062	35.5	69 32' 53"	- 69 47' 30"	ASPREY, K. / PANDORA MCBETH FJORD,	A MCBETH FJORD,	330.00	259	CORE	LEHIGH	120.3
					BAFFIN ISLAND					
* 85062A	CA0.1	71 11' 59"	- 75 1' 54"	ASPREY, K. /PANDORA BAFFIN ISLAND	A BAFFIN ISLAND	160.00	263	CORE	LEHIGH	163.0
* 85062A	CA0.2	71 19' 5"	- 74 47' 42"	ASPREY, K. / PANDORA BAFFIN ISLAND	A BAFFIN ISLAND	187.00	264	CORE	LEHIGH	100.0
* 85062A	CA0.3	71 11' 35"	- 75 31 24"	ASPREY, K. / PANDORA BAFFIN ISLAND	A BAFFIN ISLAND	212.00	264	CORE	LEHIGH	160.0
* 85062A	CA0.6	71 151 36"	- 74 53' 12"	ASPREY, K. / PANDORA BAFFIN ISLAND	A BAFFIN ISLAND	320.00	265	CORE	LEHIGH	133.0
* 85062A	CA0.7	71 16' 14"	- 74 51' 53"	ASPREY, K. /PANDORA BAFFIN ISLAND	A BAFFIN ISLAND	330.00	264	CORE	LEHIGH	151.0

Purpose: To investigate iceberg pits on northern Grand Banks and to recover sediments for a sediment tracer experiment in the vicinity of the Hibernia well.

45° 444 445° 45° 45° 445° 445° 445° 445							
002 46 451 003 46 451 003 46 451 004 46 441 005 46 441 007 46 441 008 46 441 001 46 451 011 46 451 012 46 451 013 46 451 014 46 451 019 46 451 019 46 451 019 46 451 019 46 451 010 46 451 011 46 451 012 46 451							
002 46 451 003 46 451 004 46 441 005 46 441 006 46 441 008 46 441 009 46 441 010 46 451 011 46 451 011 46 451 011 46 451 011 46 451 011 46 451 011 46 451 011 46 451	7" - 48 48' 20"	LEWIS, M./PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	SHIPEK
003 46 451 004 46 441 005 46 441 006 46 441 007 46 441 008 46 441 010 46 451 011 46 451 011 46 451 011 46 451 011 46 451 011 46 451 011 46 451 011 46 451 011 46 451	7" - 48 47' 52"	LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	SHIPEK
004 46 441 005 46 441 006 46 441 007 46 441 008 46 441 0010 46 441 011 46 451 012 46 451 013 46 451 015 46 451 016 46 451 017 46 451 018 46 451 019 46 451 020 46 451	4" - 48 47' 23"	LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	SHIPEK
005 46 44' 006 46 44' 007 46 44' 008 46 44' 0010 46 45' 011 46 45' 012 46 45' 015 46 45' 016 46 45' 017 46 45' 017 46 45' 018 46 45' 019 46 45' 020 46 45' 021 46 45' 022 46 45'	58" - 48 47' 24"	LEWIS, M./PANDORA	HI BERNIA, OFF NFLD	45.00	288	GRAB	SHIPEK
006 46 44' 007 46 44' 008 46 44' 009 46 44' 010 46 45' 011 46 45' 013 46 45' 015 46 45' 016 46 45' 017 46 45' 019 46 45' 019 46 45' 020 46 45' 021 46 45' 022 46 45' 023 46 45'	57" - 48 47' 16"	LEWIS, M./PANDORA	HIBERNIA, OFF NFLD	42.00	288	GRAB	VAN VEEN
007 46 44' 008 46 44' 010 46 44' 011 46 45' 012 46 45' 013 46 45' 014 46 45' 015 46 45' 017 46 45' 018 46 45' 019 46 45' 020 46 45' 021 46 45' 022 46 45' 023 46 44'	55" - 48 471 8"	LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	VAN VEEN
008 46 44' 010 46 44' 011 46 45' 012 46 45' 013 46 45' 014 46 45' 015 46 45' 017 46 45' 018 46 45' 019 46 45' 020 46 45' 021 46 45' 022 46 45' 023 46 44'	- 48	LEWIS, M./PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	VAN VEEN
009 46 44' 010 46 44' 011 46 45' 012 46 45' 013 46 45' 014 46 45' 015 46 45' 017 46 45' 018 46 45' 019 46 45' 020 46 45' 020 46 45' 021 46 45' 022 46 45' 023 46 44'	49" - 48 47' 59"	LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	VAN VEEN
010 46 441 011 46 451 012 46 451 013 46 451 014 46 451 016 46 451 017 46 451 018 46 451 020 46 451 021 46 451 021 46 451	- 48	LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	VAN VEEN
011 46 451 012 46 451 013 46 451 014 46 451 015 46 451 017 46 451 019 46 451 020 46 451 021 46 451 022 46 451	45" - 48 48' 28"	LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	VAN VEEN
012 46 45 ¹ 013 46 45 ¹ 014 46 45 ¹ 015 46 45 ¹ 017 46 45 ¹ 018 46 45 ¹ 019 46 45 ¹ 020 46 45 ¹ 021 46 45 ¹ 022 46 45 ¹ 023 46 45 ¹	10" - 48 48' 22"	LEWIS, M./PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	VAN VEEN
013 46 45 ¹ 014 46 45 ¹ 015 46 45 ¹ 016 46 45 ¹ 017 46 45 ¹ 019 46 45 ¹ 020 46 45 ¹ 021 46 45 ¹ 022 46 45 ¹ 023 46 44 ¹	10" - 48 48' 10"	LEWIS,M./PANDORA	HI BERNI A, OFF NFLD	45.00	288	GRAB	VAN VEEN
014 46 45 ¹ 015 46 45 ¹ 016 46 45 ¹ 017 46 45 ¹ 018 46 45 ¹ 020 46 45 ¹ 021 46 45 ¹ 022 46 45 ¹ 023 46 44 ¹	19" - 48 48" 0"	LEWIS,M./PANDORA	HI BERNIA, OFF' NFLD	45.00	288	GRAB	VAN VEEN
015 46 45' 016 46 45' 017 46 45' 018 46 45' 020 46 45' 021 46 45' 021 46 45' 022 46 45' 023 46 44'	- 48 47	LEWIS,M./PANDORA	HI BERNI A, OFF NFLD	45.00	288	GRAB	VAN VEEN
016 46 451 017 46 451 018 46 451 020 46 451 021 46 451 022 46 451 023 46 441	12" - 48 47' 42"	LEWIS, M. /PANDORA	HIBERNIA, OFF NFLD	45.00	288	GRAB	VAN VEEN
017 46 45 1 018 46 45 1 020 46 45 2 021 46 45 1 022 46 45 1 022 46 44 1 024 46 44 1	- 48 48	" LEWIS,M./PANDORA	HI BERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN
019 46 45 1 020 46 45 1 021 46 45 1 022 46 45 1 023 46 44 1 024 46 44 1	16" - 48 48' 13"	LEWIS, M. /PANDORA	HI BERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN
019 46 45° 020 46 45° 021 46 45° 022 46 41° 023 46 44°	18" - 48 48' 4"	LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN
020 46 45 021 46 45 022 46 45 023 46 44 024	49" - 48 47' 53"	. LEWIS, M. /PANDORA	HIBERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN
021 46 45' 022 46 45' 023 46 44' 024 46 44'	2" - 48 48' 17"	' LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN
022 46 45° 023 46 44° 024 46 44°	3" - 48 451 911	LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN
023 46 44° 024 46 44°	5" - 48 47' 52"	' LEWIS, M. /PANDORA	HIBERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN
024 46 44	55" - 48 48' 7"	LEWIS, M./PANDORA	HIBERNIA, OFF NFLD	42.00	289	GRAB	VAN VEEN
	55" - 48 47' 55"	LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN
46 44	55" - 48 47' 44"	' LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN
46 44	57" - 48 47' 34"	' LEWIS,M./PANDORA	HIBERNIA, OFF NFLD	45.00	289	GRAB	VAN VEEN

Purpose: To obtain reconnaissance surficial and bedrock data in the Arctic Island Channels by a collection of grab and core samples. This will also assist with determining geology and geotechnical engineering constraints.

CRUISE	STATION	LATITUDE	LONGITUDE	SCI ENT I ST-SHI P	GEOGRAPHIC AREA	DEРТН	JULIAN	SAMPLE	TYPE	LENGTH
* 85071	100	76 101 36"	-105 10' 23"	SONNI CHSEN, G./	WEST OF ARNOTT ST., 240.00	240.00	230	CORE	LEHIGH	58.0
				DES GROSSEILLIER	ARCTIC					
* 85071	005	76 3' 52"	-105 13' 7"	SONNI CHSEN, 6./	ARCTIC ISLAND	170.00	230	CORE	LEHIGH	0.0
				DES GROSSEILLIER	CHANNELS					
* 85071	003	76 4' 0"	-105 11' 59"	SONNI CHSEN, G./	ARCTIC ISLAND	160.00	230	CORE	LEHI GH	30.0
				DES GROSSEILLIER	CHANNELS					
* 85071	004	76 20" 15"	-102 45' 42"	SONNI CHSEN, G./	EAST OF ARNOTT ST.,	00.09	231	GRAB	VAN VEEN	
	•			DES GROSSEILLIER	ARCTIC					
* 85071	005	76 20' 15"	-102 45' 42"	SONNI CHSEN, G./	EAST, ARNOTT ST.,	00.09	231	CORE	LEHIGH	18.0
				DES GROSSEILLIER	ARCTIC					
* 85071	900	76 22' 30"	-103 3' 6"	SONNI CHSEN, G./	NORTH, ARNOTT ST.,	54.00	232	CORE	LEHIGH	76.0
				DES GROSSEILLIER	BY CAMERON ISLE			-		
* 85071	200	75 331 291	-103 5' 6"	SONNI CHSEN, G./	ARCTIC ISLAND	240.00	232	CORE	LEHIGH	125.0
				DES GROSSEILLIER	CHANNELS					
* 85071	800	75 28' 0"	-102 40' 47"	SONNI CHSEN, G./	ARCTIC ISLAND	220.00	232	CORE	LEHIGH	50.0
				DES GROSSEILLIER	CHANNELS					
* 85071	600	74 41' 30"	- 95 10' 0"	SONNI CHSEN, G./	ALLEN BAY, ARCTIC	15.00	236	GRAB	VAN VEEN	
				DES GROSSEILLIER						
* 85071	010	75 14' 41"	- 96 391 5311	SONNI CHSEN, 6./	PULLEN ST., ARCTIC	165.00	241	CORE	LEHI GH	140.0
				DES GROSSEILLIER						
* 85071	011	75 14' 12"	- 96 42' 47"	SONNI CHSEN, G./	ARCTIC ISLAND	135.00	241	GRAB	VAN VEEN	
				DES GROSSEILLIER	CHANNELS					
* 85071	012	75 8' 57"	- 96 57 17"	SONNI CHSEN, 6./	ARCTIC ISLAND	245.00	241	CORE	LEHIGH	144.0
				DES GROSSEILLIER	CHANNELS					
* 85071	013	75 31 35"	- 96 591 4811	SONNI CHSEN, 6./	ARCTIC ISLAND	325.00	241	CORE	LEH1GH	14.0
				DES GROSSEILLIER	CHANNELS					-
* 85071	014	74 56' 17"	- 97 11 18"	SONNI CHSEN, G./	ARCTIC ISLAND	200.00	241	CORE	LEHIGH	80.0
				DES GROSSEILLIER	CHANNELS					

Purpose: Seabed sampling program was carried out through the ice in the Byam Martin Channel - Cameron Island - Lougheed Island region of the Canadian Arctic archipelago.

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE	LENGTH
* 85100	001	75 291 1911	-104 6' 1"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	99.50	112	GRAB	DIETZ LA FONDE	
* 85100	000	75 351 53"	-103 44' 37"	MACLEAN, B./	ARCTIC ISLAND	154.50	112	CORE	PISTON	79.0
* 85100	004	75 44' 23"	-103 20' 30"	MACLEAN, B./	ARCTIC ISLAND	79.50	112	GRAB	DIETZ LA	
* 85100	900	75 44' 30"	-103 34' 41"	MACLEAN, B./	CHANNELS ARCTIC ISLAND CHANNELS	129.50	112	CORE	P ISTON	53.0
* 85100	900	75 45' 47"	-104 181 31"	MACLEAN, B./	ARCTIC ISLAND	161.50	113	CORE	PISTON	0.06
* 85100	200	75 431 5311	-105 4' 45"	MACLEAN, B./	ARCTIC ISLAND	166.50	113	GRAB	DIETZ LA FONDE	
* 85100	007B	75 43' 53"	-105 4' 45"	MACLEAN, B./	ARCTIC ISLAND	166.50	113	CORE	PI STON	0.0
* 85100	800	75 48' 0"	-105 8' 17"	MACLEAN, B./	ARCTIC ISLAND	247.50	113	GRAB	DIETZ LA FONDF	
* 85100	008B	75 48' 0"	-105 81 17"	MACLEAN, B./	ARCTIC ISLAND	247.50	113	CORE	PISTON	0.0
* 85100	600	75 51' 11"	-104 41' 42"	MACLEAN, B./	ARCTIC ISLAND	175.50	113	CORE	PISTON	58.0
* 85100	010	75 55' 30"	-104 51 31"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	131.50	122	CORE	PISTON	8.0
* 85100	011	75 56' 28"	-105 19' 55"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	185.50	Ξ	GRAB	DIETZ LA FONDE	
* 85100	011B	75 56' 28"	-105 191 55"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	185.50	Ξ	CORE	P I STON	0.99
* 85100	012	16 0 55"	-105 1' 11"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	189.50	109	GRAB	DIETZ LA FONDE	
* 85100	012B	76 0' 55"	-105 1' 11"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	189.50	109	CORE	PISTON	0.0

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JULIAN	SAMPLE	TYPE	LENGTH
* 85100	013	76 4' 47"	-104 34' 41"	MACI FAN B. /	ARCTIC IS AND	1 70 50		i S		
					CHANNELS	00.6	8	1 1	NO S	70.0
* 85100	014	76 16' 0"	-104 4' 37"	MACLEAN, B./	ARCTIC ISLAND	40.00	108	CORE	PI STON	76.0
	!	- !			CHANNELS					
* 85100	015	76 20' 7"	-104 29' 21"	MACLEAN, B./	ARCTIC ISLAND	64.50	107	CORE	PISTON	57.0
*	,		;		CHANNELS					
00168	010	76 19' 1"	-105 4' 26"	MACLEAN, B./	ARCTIC ISLAND	189.50	107	CORE	PISTON	0.0
	;				CHANNELS					
* 85100	017	76 9' 32"	-105 53' 22"	MACLEAN, B./	ARCTIC ISLAND	236.50	11	CORE	PISTON	46.0
					CHANNEL S					
* 85100	018	76 5' 41"	-106 12' 44"	MACLEAN, B./	ARCTIC ISLAND	221.50	111	CORE	PISTON	71.0
					CHANNELS					
* 85100	019	75 56' 19"	-107 18' 32"	MACLEAN, B./	ARCTIC ISLAND	126.50	122	CORE	PISTON	59.0
					CHANNELS					
* 85100	020	75 57' 46"	-107 131 32"	MACLEAN, B./	ARCTIC ISLAND	140.50	122	CORE	PISTON	58.0
					CHANNELS					
* 85100	021	76 11 32"	-107 13' 24"	MACLEAN, B./	ARCTIC ISLAND	157.50	122	CORE	PISTON	87.0
					CHANNELS					
* 85100	022	76 6' 11"	-107 111 15"	MACLEAN, B./	ARCTIC ISLAND	292.50	122	CORE	P.I STON	95.0
					CHANNELS		•			
* 85100	023	76 13' 53"	-108 1' 36"	MACLEAN, B./	ARCTIC ISLAND	35.50	115	GRAB	DIETZ LA	
	,				CHANNELS				FONDE	
* 85100	0238	76 13! 53"	-108 1' 36"	MACLEAN, B./	ARCTIC ISLAND	35.50	115	CORE	PISTON	46.0
	,				CHANNELS					
* 85100	024	76 14' 47"	-107 17' 28"	MACLEAN, B./	ARCTIC ISLAND	386.50	121	CORE	PISTON	0.69
	,				CHANNELS					
* 85100	025	76 131 59"	-106 18' 43"	MACLEAN, B./	ARCTIC ISLAND	245.50	118	CORE	PISTON	21.0
			-		CHANNELS					
* 85100	970	76 18' 41"	-105 42' 56"	MACLEAN, B./	ARCTIC ISLAND	217.50	118	CORE	PISTON	50.0
, , , , , , , , , , , , , , , , , , ,	;	1			CHANNEL S					
* 85100	027	76 22' 48"	-104 30' 12"	MACLEAN, B./	ARCTIC ISLAND	64.50	129	GRAB	DIETZ LA	
,					CHANNELS				FONDE	
* 85100	028	76 26' 40"	-104 52' 48"	MACLEAN, B./	ARCTIC ISLAND	89.50	118	GRAB	DIETZ LA	
					CHANNELS				FONDE	

CRUI SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JUL I AN	SAMPLE	TYPE	LENGTH
	• • • • • • • •									
* 85100	029	76 34' 45"	-104 51' 4"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	69•50	114	GRAB	DIETZ LA FONDE	
* 85100	030	76 30' 20"	-105 33' 8"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	240.50	114	CORE	PISTON	32.0
85100	031	76 25' 44"	-106 13' 4"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	260.00	114	CORE	PISTON	0.0
* 85100	032	76 20' 50"	-107 0' 29"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	296.50	114	CORE	PISTON	29.0
* 85100	033	76 16' 55"	-107 34' 33"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	231.50	115	GRAB	DIETZ LA FONDE	
85100	034	76 25	-107 20' 33"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	344.50	121	CORE	PISTON	27.0
85100	035	76 291 611	-107 57' 24"	MACLEAN, B./	ARCTIC ISLAND	79.50	120	GRAB	DIETZ LA FONDE	
* 85100	036	. 76 30' 9"	-106 48' 43"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	294.50	121	CORE	PISTON	85.0
85100	037	76 35' 50"	-106 15' 1"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	220.50	121	CORE	PISTON	22.0
85100	038	76 41' 40"	-105 28' 6"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	122.50	121	CORE	PISTON	31.0
85100	039	76 40' 58"	-104 22' 27"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	61.50	119	GRAB	DIETZ LA FONDE	
* 85100	040	76 48' 19"	-104 12' 22"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	222.50	119	CORE	PISTON	18.0
* 85100	041	76 52' 25"	-104 23' 38"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	208.50	116	CORE	PISTON	92.0
85100	042	76 49' 14"	-105 24' 10"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	172.50	116	CORE	PISTON	83.0
85100	043	76 45' 34"	-106 9' 34"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	144.50	116	CORE	PISTON	5.0
85100	044	76 391 7"	-106 501 501	MACLEAN, B./	ARCTIC ISLAND CHANNELS	276.50	116	CORE	PISTON	79.0
85100	045	76 34' 12"	-107 33' 56"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	386.50	124	CORE	PISTON	53.0

CRU1SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JUL I AN	SAMPLE	TYPE	LENGTH
* 85100	046	76 33' 17"	-108 6' 55"	MACLEAN, B./	ARCTIC ISLAND	210.50	120	CORE	PISTON	16.0
* 85100	047	76 331 55"	-108 25' 50"	MACLEAN, B./	ARCTIC ISLAND	129.50	120	GRAB	DIETZ LA	
* 85100	048	76 371 30"	-108 5' 25"	MACLEAN, B./	ARCTIC ISLAND	333.50	120	CORE	PISTON	25.0
* 85100	049	76 431 59"	-107 43' 34"	MACLEAN, B./	ARCTIC ISLAND	367.50	124	CORE	PISTON	30.0
* 85100	050	76 43' 46"	-107 231 0"	MACLEAN, B./	CHANNELS ARCTIC ISLAND	347.50	120	CORE	PISTON	25.0
* 85100	051	76 53' 51"	-106 49' 21"	MACLEAN, B./	ARCTIC ISLAND	197.50	118	CORE	PISTON	14.0
* 85100	052	76 57' 48"	-105 56' 4"	MACLEAN, B./	ARCTIC ISLAND	185.50	119	CORE	PISTON	25.0
* 85100	053	77 2' 53"	-104 36' 47"	MACLEAN, B./	ARCTIC ISLAND	112.50	119	CORE	PISTON	28•0
* 85100	054	77 61 13"	-105 35' 14"	MACLEAN, B./	ARCTIC ISLAND	162.50	119	CORE	PISTON	75.0
* 85100	055	77 18' 4"	-105 36' 36"	MACLEAN, B./	ARCTIC ISLAND	16.50	117	GRAB	DIETZ LA	
* 85100	055B	77 18' 4"	-105 36' 36"	MACLEAN, B./	ARCTIC ISLAND	16.50	117	CORE	PISTON	0.0
* 85100	056	77 19' 43"	-105 42' 5"	MACLEÁN, B./	ARCTIC ISLAND	48.50	117	CORE	PISTON	28.0
* 85100	057	77 17' 5"	-106 9' 54"	MACLEAN, B./	ARCTIC ISLAND	252.50	117	CORE	PISTON	55.0
* 85100	058	77 14' 48"	-106 46' 2"	MACLEAN, B./	ARCTIC ISLAND	331.50	117	CORE	PISTON	10.0
* 85100	059	77 81 22"	-106 371 39"	MACLEAN, B./	ARCTIC ISLAND	241.50	124	CORE	PISTON	27.0
* 85100	090	77 31 21"	-107 14' 4"	MACLEAN, B./	ARCTIC ISLAND	172.50	124	CORE	PISTON	86.0
* 85100	061	76 58' 32"	-107 49' 13"	MACLEAN, B./	ARCTIC ISLAND	469.50	123	CORE	PISTON	33.0
* 85100	062	76 51' 4"	-108 31' 39"	MACLEAN, B./	CHANNELS ARCTIC ISLAND CHANNELS	151.50	123	GRAB	DIETZ LA	
									1	

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CRUI SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JULIAN	SAMPLE	TYPE	LENGTH
* 85100	063	77 5' 49"	-108 91 38"	MACL EAN, B./	ARCTIC ISLAND	495.50	123	CORE	PISTON	25.0
					CHANNELS					
* 85100	064	77 14' 35"	-108 56' 49"	MACLEAN, B./	ARCTIC ISLAND CHANNELS	503.50	123	CORE	PISTON	25.0
* 85100	065	77 11' 53"	-107 27' 59"	MACLEAN, B./	ARCTIC ISLAND	134.50	1117	CORE	PISTON	0.6
					CHANNELS					
* 85100	990	75 571 311	-101 46' 23"	MACLEAN, B./	ARCTIC ISLAND	208.50	126	GRAB	DIETZ LA	
					CHANNELS				FONDE	
* 85100	190	76 21 30"	-101 55' 18"	MACLEAN, B./	ARCTIC ISLAND	127.50	126	GRAB	DIETZ LA	
	9	102 10 JE	1	, 0 KAN	APOTIC ISLAND	127 50	126	Tago C	PICTON	
00168 *	9/90	.06 .7 9/	01 .66 101-	MACLEAIN, D./	CHANNELS	07.17	07-	2	5	•
* 85100	890	76 91 34"	-102 16' 36"	MACLEAN, B./	ARCTIC ISLAND	386.50	126	CORE	P I STON	100.0
					CHANNELS		•	!		
* 85100	690	76 18' 4"	-102 28" 38"	MACLEAN, B./	ARCTIC ISLAND	139.50	126	CORE	PISTON	23.0
* A5100	020	"86 196 75	-102 36! 18"	MACI FAN B.	ARCTIC ISLAND	255.50	126	CORE	PISTON	23.0
) }				CHANNELS					
* 85100	071	76 34' 50"	-102 35' 1"	MACLEAN, B./	ARCTIC ISLAND	460.50	126	CORE	PISTON	70.0
					CHANNEL S					
* 85100	072	76 391 48"	-101 261 1011	MACLEAN, B./	ARCTIC ISLAND	104.50	125	GRAB	DIETZ LA	
					CHANNELS				FONDE	
* 85100	073	76 45' 49"	-102 30' 51"	MACLEAN, B./	ARCTIC ISLAND	193.50	125	CORE	PISTON	91.0
	410	,	HOZ 102 201	7 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	ADOTIO AND	201 50	124	שמט	MOTOLO	52.0
92100	4	.0 49. 0:	60 . 70 COI-	MOLEAN, B.	CHANNELS	3	17	3	2	2
* 85100	0.75	76 52' 48"	-102 411 531	MACLEAN, B./	ARCTIC ISLAND	266.50	125	CORE	P I STON	89.0
					CHANNELS					,
* 85100	920	76 55' 48"	-102 0' 15"	MACLEAN, B./	ARCTIC ISLAND	461.50	125	CORE	PISTON	0.66
	1	į		1	CHAINELS	7		L	HO HO	212
* 85100	//0	06 .6 //	/5 .65 101-	MACLEAN, B./	CHANNELS CHANNE	00.107	3	A A	NOISIL	2
* 85100	078	77 0' 18"	-102 45' 43"	MACLEAN, B./	ARCTIC ISLAND CHANNEIS	263.50	125	CORE	Piston	93.0
* 85100	070	76 57' 24"	-103 41' 58"	MACLEAN, B./	ARCTIC ISLAND	150.00	119	GRAB	DIETZ LA	
					CHANNELS				FONDE	

Purpose : A multi-year project on obtaining geological and geophysical data from a large ice island in the Arctic Ocean (in 1985 north of Axel Heiberg Island), to determine the broad stratigraphic and structural architecture of the Arctic Shelf

LENGTH					0.0	3225.0								14.0			0.0	42.0			0.0										
TYPE	SHIPEK	SHIPEK	BENTHOS	BENTHOS	PISTON	BENTHOS	SHIPEK	SHIPEK	SHIPEK	BUCKET	SHIPEK	BUCKET	GRAV ITY	GRAVITY	SHIPEK	BUCKET	PISTON	TR I GGER	WEIGHT	BUCKET	PI STON	BUCKET	SHIPEK	BUCKET	BUCKET	SHIPEK	BUCKET	BUCKET	SHPEK	BUCKET	SHIPEK
SAMPLE	GRAB	GRAB	CORE	CORE	CORE	CORE	GRAB	GRAB	GRAB	DREDGE	GRAB	DREDGE	CORE	CORE	GRAB	DREDGE	CORE	CORE		DREDGE	CORE	DREDGE	GRAB	DREDGE	DREDGE	GRAB	DREDGE	DREDGE	GRAB	DREDGE	GRAB
JUL I AN	152	152	. 152	152	153	154	154	154	197	200	204	207	209	209	212	213	214	214		214	215	216	217	217	218	218	218	218	219	219	219
DEPTH	283.00	283.00	283.00	283.00	283.00	283.00	283.00	283.00	227.00	146.50	147.50	148.00	*N/A	150.00	150.00	152.50	160.00	160.00		160.00	140.00	190.00	182.00	152,50	137.50	130.00	126.30	110.00	130.00	150.00	137.50
GEOGRAPHIC AREA	I CE I SLAND	I CE I SLAND	I CE I SLAND	ICE ISLAND	ICE ISLAND	I CE I SLAND	ICE ISLAND	I CE I SL AND	I CE I SLAND	I CE I SLAND	I CE I SLAND	ICE ISLAND	I CE I SLAND	I CE I SLAND		ICE ISLAND	ICE ISLAND	I CE I SLAND	I CE I SLAND	I CE I SLAND	ICE ISLAND	ICE ISLAND	ICE ISLAND	ICE ISLAND	I CE I SL AND	I CE I SLAND	ICE ISLAND				
SCIENTIST-SHIP	MUDIE.P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUD!E,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./		MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./
LONGITUDE	- 93 24" 34"	- 93 24' 34"	- 93 24' 34"	- 93 241 34"	- 93 24' 34"	- 93 24' 34"	- 93 24" 34"	- 93 24" 34"	- 95 571 36"	- 95 56' 48"	- 95 51' 47"	- 95 551 36"	- 91 6' 18"	- 95 56' 53"	- 96 5' 30"	- 96 4' 23"	- 96 9' 11"	- 96 91 11"		. 10 16 96 -	- 96 201 35"	- 96 34' 47"	- 96 42' 6"	- 96 48' 42"	- 96 51 18"	- 96 501 53"	- 96 491 54"	- 96 47' 48"	- 96 45' 36"	_	- 96 39' 11"
LATITUDE	81 431 22"	_	431	431	81 43' 22"	81 43' 22"	81 431 22"	81 43' 22"	81 191 36"	81 141 35"	81 11' 59"	81 10' 12"	81 91 0"	81 91 0"		81 81 41"		81 81 30"		81 8' 23"	81 81 23"	7.	2.	81 5' 6"	81 4' 36"	81 31 11"	2	21	81 21 23"	81 11 48"	81 11 54"
STATION	001	005	9003	004	9005	900	200	800	600	010	013	014	015	016	910	021	022	022		023	024	025	026	028	029	031	032	033	034	035	036
CRUI SE	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200		* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200

TYPE	SHIPEK	BUCKET	SHIPEK	BUCKET	SHIPEK	BUCKET	SHIPEK	BUCKET	SHIPEK	BUCKET	SHIPEK	BUCKET	BUCKET	SHIPEK	BUCKET	SHIPEK	BUCKET	SHIPEK	BUCKET	BUCKET	SHIPEK	SHIPEK	BUCKET	SHIPEK	SHIPEK	SHIPEK	BUCKET	SHIPEK	BUCKET	SHIPEK	SHIPEK	SHIPEK
SAMPLE	GRAB	DREDGE	GRAB	DREDGE	GRAB	DREDGE	GRAB	DREDGE	GRAB	DREDGE	GRAB	DREDGE	DREDGE	GRAB	DREDGE	GRAB	DREDGE	GRAB	DREDGE	DREDGE	GRAB	GRAB	DREDGE	GRAB	GRAB	GRAB	DREDGE	GRAB	DREDGE	GRAB	GRAB	GRAB
JULIAN	219	219	221	221	221	221	222	222	222	222	223	223	223	224	224	225	225	225	225	226	227	227	227	227	228	228	228	228	228	229	229	229
DEPTH	141.30	133.70	122.50	118.00	111.30	102.30	111.30	114.30	115.00	115.00	115.00	114.00	105.70	106.00	100.00	107.00	107.00	114.00	112.00	120.00	119.30	128.30	150.00	125.00	132.80	145.00	147.00	158.30	154.50	158.30	156.80	180.80
GEOGRAPHIC AREA	I CE I SLAND			I CE I SLAND	ICE ISLAND	I CE I SLAND	I CE I SLAND	I CE I SLAND	ICE ISLAND	I CE I SLAND	ICE ISLAND	I CE I SLAND	ICE ISLAND	I CE I SLAND	ICE ISLAND	I CE I SLAND	I CE I SLAND	ICE ISLAND	ICE ISLAND	ICE ISLAND	ICE ISLAND	ICE ISLAND	ICE ISLAND	I CE I SLAND	ICE ISLAND	ICE ISLAND	ICE ISLAND	ICE ISLAND	I CE I SLAND	ICE ISLAND	ICE ISLAND	ICE ISLAND
SC ENT ST-SHIP	MID IF .P.	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE, P./	MUDIE,P./	MUDIE, P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE, P./	MUDIE,P./	MUDIE, P./	MUDIE,P./	MUDIE,P./	MUD1E,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./	MUDIE,P./						
LONGITUDE	- 96 391 11"		341	- 96 331 3511	- 96 32' 30"	- 96 311 48"	- 96 28' 23"	- 96 281 23"	- 96 281 1811	- 96 281 23"	- 96 281 2911	- 96 28' 18"	- 96 28' 36"	- 96 29' 41"	- 96 291 48"	- 96 28' 0"	- 96 27' 54"	- 96 27' 47"	- 96 27' 47"	- 96 26' 12"	- 96 26' 5"	- 96 24' 29"	- 96 24' 6"	- 96 22' 59"	- 96 22' 30"	- 96 20' 6"	- 96 191 39"	- 96 19' 12"	- 96 12' 42"	- 96 8' 17"	- 96 2' 30"	- 96 01 11"
LATITUDE	81 11 54"	81 11 48"	-	81 11 59"	81 2' 5"	81 11 59"	81 21 35"	81 21 35"	81 21 35"	81 21 35"	81 2' 42"	81 21 48"	81 21 48"	81 21 23"	81 2' 23"	81 11 59"	* 81 2' 26"	81 21 53"	81 2' 53"	81 2' 42"	81 2' 48"	81 31 35"	81 31 17"	81 4' 0"	81 4' 18"	81 51 24"	* 81 5' 41"	81 51 59"	81 71 30"	81 81 1711	81 101 23"	81 11' 5"
STATION	750	038	041	042	043	044	046	047	048	050	052	053	054	056	057	059		061	. 062	064	065	190	890	070	071	073	074	075	9/0	110	620	080
CRU1 SE	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200	* 85200

* Approximate due to poor satellite fix.

CRUISE STATION LATITUDE	CRUISE STATION LATITUDE	LATI	TUDE		LONGI TUDE	<u>E</u>	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN	SAMPLE	TYPE
											; 	
* 85200	081	81 12	29	1 =	95 531	53"	MUDIE,P./	ICE ISLAND	150.00	229	GRAB	SHIPEK
* 85200	082	81	131 5"	1	96 53	41"	MUDIE,P./	ICE ISLAND	147.00	230	GRAB	SHIPEK
* 85200	084	* 81 1	14' 59"	 -	96 431	==	MUDIE,P./	ICE ISLAND	134.00	230	GRAB	SHIPEK
* 85200	085	81 16	16' 54"	 -	95 431	41"	MUDIE,P./	I CE I SLAND	184.50	230	GRAB	SHIPEK
* 85200	980	* 81 1	17' 45"	 -	95 41	23"	MUDIE,P./	I CE I SLAND	224.50	231	DREDGE	BUCKET
* 85200	087	81 18	181 29"	 -	95 391	 9	MUD!E,P./	ICE ISLAND	288.00	231	GRAB	SHIPEK
* 85200	880	81 19	191 36"	ا <u>-</u>	95 35	53"	MUDIE,P./	ICE ISLAND	295.00	232	GRAB	SHIPEK
* 85200	680	81 20	201 35"	ا =	95 35	53"	MUDIE,P./	I CE I SLAND	274.00	233	GRAB	SHIPEK
* 85200	060	81 2	211 18"	=	95 231	30"	MUDIE,P./	ICE ISLAND	270.00	234	GRAB	SHIPEK

* Approximate due to poor satellite fix.

Purpose : To collect soil samples for dating dune development and shell samples for dating sea level changes.

TYPE	TROWE		IKOWEL	TROWEL		TROWEL		TROWEL		TROWEL.		TROWEL	
SAMPLE	RFACH	0 0	BEACH	BEACH		BEACH		BEACH		BEACH		BEACH	
JUL I AN	996	0 0	505	293		293		295		295		295	
DEPTH	+1,00		+28.00	+8.00		+8.00		+5.50		+5.50		+5.50	
GEOGRAPHIC AREA	GINED NEI N	THOSE WILLIAM	TROUT RIVER, NFLD	PORTLAND CREEK,	NFLD	PORTLAND CREEK,	NFLD	LOWER COVE,	L ABRADOR	LOWER COVE,	LABRADOR	LOWER COVE,	LABRADOR
SCI ENTI ST-SHIP	/ 4 330003	r Orbers, D.	FORBES,D./	FORBES,D./		FORBES, D./		FORBES,D./		FORBES,D./		FORBES,D./	
LONGITUDE	1	70 . / 00 -	- 58 7' 41"	- 57 36' 42"		- 57 36' 42"		- 56 4' 32"		- 56 4' 32"		- 56 4' 32"	
LATITUDE	1000	10 .07 64	49 17' 2"	50 101 33"		50 101 33"		51 321 33"		51 321 33"		51 321 33"	
SIE		200	0081	0075		0075		0084		0084		0084	
CRUISE SAMPLE		8203011	8509012	8510001		8510002		8510003		8510004		8510005	
CRUISE		005 CB *	* 85300	* 85300		* 85300		* 85300		* 85300		* 85300	

+ depth mean Above Sea Level.

Purpose : To examine the sea level history of the Avalon Penninsula, NFLD.

PROJECT	PROJECT STATION	LATITUDE	LONGITUDE	SC I ENTI ST SH IP	GEOGRAPHIC AREA	DEPTH	JUL I AN	SAMPLE	TYPE	LENGTH
			· Par des							
* 830056	100	47 34' 49"	- 52 40' 3"	LEWIS,M./	QUIDI VIDI HRB.,	4.90	189	CORE	PI STON	100.0
* 830056	002	47 331 42"	- 52 401 33"	LEWIS,M./	NFLD QUIDI VIDI HRB.,	4.30	286	CORE	PI STON	400.0
* 830056	100	46 56' 54"	- 53 311 47"	LEWIS,M./	COOTES POND, ST	0.90	191	CORE	P I ST ON	0.0
* 830056	100	46 55 1 0"	- 53 301 011	LEWIS,M./	COOTES POND, ST	00.00	286	ВЕАСН	TROWEL	
* 830056	002	46 55 10"	- 53 301 011	LEWIS,M./	COOTES POND, ST	00.00	286	ВЕАСН	TROWEL	
* 830056	003	46 55' 0"	- 53 30" 0"	LEWIS,M./	COOTES POND, ST	00.00	286	BEACH	TROWEL	
* 830056	004	46 551 0"	- 53 301 011	LEWIS,M./	COOTES POND, ST	00*0	286	BEACH	TROWEL.	
* 830056	005	46 55' 0"	- 53 301 011	LEWIS,M./	COOTES POND, ST	00*0	286	ВЕАСН	TROWEL	
* 830056	900	46 55' 0"	- 53 30' 0"	LEWIS,M./	COOTES POND, ST	00.00	286	BEACH	TROWEL	
* 830056	007	46 551 011	- 53 301 011	LEWIS,M./	COOTES POND, ST MARY'S HRB, NFLD	00•0	286	ВЕАСН	TROWEL	
* 830056	800	46 551 0"	- 53 30' 0"	LEWIS,M./		00*0	286	ВЕАСН	TROWEL	

0.00 depth means at Sea Level.

Purpose : To obtain borehole samples to assist in determining sea bed stability.

CRU1 SE	ATI ON	LATI	UDE		SCI ENTI ST-SHIP	GEOGRAPHIC AREA	_	LI AN	SAMPLE	TYPE
	 	! ! ! ! ! ! !							 	
* 85ARCTIC F85-KF1	F85-KF1	19 69	36"	-137 58' 14"	HILL,P./	KING POINT,	20.10	81	CORE	SHEL. BY
K1661AK						BEAUFORT SEA				
* 85ARCTIC	F85-KF10	69 51	46"	-137 58' 24"	HILL,P./	KING POINT,	19.10	82	CORE	SHELBY
K I GG I AK						BEAUFORT SEA				
* 85ARCTIC	F85-KF2	69 6	27"	-137 57' 42"	HILL,P./	KING POINT,	30.60	85	CORE	SHELBY
K1661 AK						BEAUFORT SEA				
* 85ARCTIC	F85-KF8	19 69	16	-137 56' 53"	HILL,P./	KING POINT,	15.20	83	CORE	SHELBY
K I GG I AK						BEAUFORT SEA				

Purpose : Environmental Studies Revolving Fund (ESRF) - Sediment transport. Study utilizing radioactive tracer material and sidescan sonar.

TYPE	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN	VAN VEEN
SAMPLE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB.
JULIAN	5	50	. 51	20	50	12	52
GEOGRAPHIC AREA	VENTURE SITE, SABLE ISLAND BANK AND	OLYMPIA SITE, SABLE ISLAND BANK AND	VENTURE SITE, SABLE ISLAND BANK AND	OLYMPIA SITE, SABLE ISLAND BANK AND BANDIFREALI BANK	OLYMPIA SITE, SABLE ISLAND BANK AND BANDIFRFAII BANK	VENTURE SITE, SABLE ISLAND BANK AND BANKIFREAU BANK	VENTURE SITE, SABLE ISLAND BANK AND BANQUEREAU BANK
SCIENTIST-SHIP	AMOS, C./BAFFIN	AMOS, C./BAFFIN	AMOS, C./BAFFIN	AMOS, C./BAFFIN	AMOS, C./BAFFIN	AMOS, C./BAFFIN	AMOS, C./BAFFIN
LONGITUDE	- 59 391 2511	- 59 51' 55"	- 59 391 3711	- 59 52' 4"	- 59 52! 3"	- 59 391 4911	- 59 39' 47"
STATION LATITUDE	43 56' 30"	44 01 33"	43 56' 30"	44 0' 25"	44 0' 17"	43 56' 25"	43 56' 32"
STATION	401	401	402	402	403	403	404
CRUI SE	* 85ARCTIC PROWLER	* 85ARCTIC PROWLER	* 85ARCTIC PROMLER	* 85ARCTIC PROWLER	* 85ARCTIC PROWLER	* 85ARCTIC PROWLER	* 85ARCTIC PROMLER

CRUI SE	STATION LATIT	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHI C AREA	JUL I AN	SAMPLE	TYPE
		i						
* 85ARCTIC	404	44 0' 16"	- 59 52' 54"	AMOS C. / BAFF I N	OLYMPIC SITE, SABLE	20	GRAB	VAN VEEN
PROWLER					ISLAND BANK AND	_	•	
					BANQUEREAU BANK			
* 85ARCTIC	405	43 56' 33"	- 59 39' 26"	AMOS, C./BAFFIN	VENTURE SITE, SABLE	25	GRAB	VAN VEEN
PROMLER					ISLAND BANK AND	_		
					BANQUEREAU BANK			
* 85ARCTIC	405	44 0' 20"	- 59 52' 47"	AMOS, C./BAFFIN	OLYMPIA SITE, SABLE	20	GRAB	VAN VEEN
PROWLER					ISLAND BANK AND			
					BANQUEREAU BANK			
* 85ARCTIC	406	44 0' 25"	- 59 52' 47"	AMOS, C./BAFFIN	OLYMPIA SITE, SABLE	20	GRAB	VAN VEEN
PROWLER					ISLAND BANK AND			
					BANQUEREAU BANK			
* 85ARCTIC	406	43 56' 18"	- 59 39' 49"	AMOS, C./BAFFIN	VENTURE SITE, SABLE	52	GRAB	VAN VEEN
PROMLER					I SL AND BANK AND			
					BANQUEREAU BANK			
* 85ARCTIC	407	43 56' 11"	- 59 39' 49"	AMOS, C./BAFFIN	VENTURE SITE, SABLE	52	GRAB	VAN VEEN
PROMLER.					ISLAND BANK AND			
					BANQUEREAU BANK			
* 85ARCTIC	408	43 56' 12"	- 59 391 4911	AMOS, C./BAFFIN	VENTURE SITE, SABLE	25	GRAB	VAN VEEN
PROWLER					ISLAND BANK AND			
					BANQUEREAU BANK			

Purpose: ESOPE (Etude des sediments oceaniques par penetration: Study of oceanic sediments by penetration), a program to evaluate feasibility of the concept of disposing of high level radioactive wastes into marine sediments.

L ENGTH	3020.0	2345.0
DEPTH JULIAN SAMPLE TYPE	PISTON	PI STON
SAMPLE	CORE	CORE
DEPTH JULIAN SAMPLE	180	193
ОЕРТН	5783.00	5798.00
SCIENTIST-SHIP GEOGRAPHIC AREA	CHATT, A./ESOPE MADEIRA ABYSSAL PLAIN 5783.00 GREAT METEOR	EAST CHATT,A./ESOPE SOUTHERN NARES ABYSSAL 5798.00 PLAIN
SCIE	CHAT	
핌	- 24 531 311	- 64 30' 46"
LATITUDE	31 311 57"	23 59' 22"
CRUISE STATION	037	950
CRUI SE	* 85ESOPE 037	* 85ESOPE 056

Purpose: Yukon Territory Coastal Program collected sediment samples to study sediment transport characteristics associated with various meteorological conditions in the Beaufort Sea.

TYPE	P IPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE
SAMPLE	DREDGE	DREDGE	DREDGE	DREDGE	DREDGE	DREDGE	DREDGE	DREDGE	DREDGE
GEOGRAPHIC AREA	KING POINT, YUKON KING POINT, YUKON	KING POINT, YUKON	KING POINT, YUKON	KING POINT, YUKON	KING POINT, YUKON	KING POINT, YUKON	KING POINT, YUKON	KING POINT, YUKON	KING POINT, YUKON
SCIENTIST-SHIP	MORGAN,P./ MORGAN,P./	MORGAN,P./	MORGAN, P./	MORGAN, P./	MORGAN, P./	MORGAN, P./	MORGAN, P./	MORGAN, P./	MORGAN,P./
LONGITUDE	-137 56' 25"	-137 551 54"	-137 551 21"	-137 541 49"	-137 56' 57"	-137 56' 57"	-137 56' 57"	-137 56' 57"	-137 56' 31"
LATITUDE	69 51 52"	69 61 4"	69 61 15"	69 61 27"	69 51 41"	69 51 41"	69 5' 41"	69 51 41"	69 51 35"
STATION	000	003	004	900	900	200	800	600	010
CRUI SE	* 85K ING POINT * 85K ING	POINT * 85KING POINT	* 85K ING POINT	* 85KING POINT	* 85K ING POINT	* 85KING POINT	* 85KING POINT	* 85KING POINT	* 85KING POINT

!		LONGIIUDE		GEOGRAPHIC AREA	SAMPLE	J = -
85K I NG 011	69 51 35"	-137 56' 33"	MORGAN, P./	KING POINT, YUKON	DREDGE	P IPE
		1 7 1	, 0 140004	INCHINA TIME OF CIVILA	ממממט	7010
82KING UIZ	: 10 .6 60	oc . oc . c.	/• L. NEVENDIN	, IND	DNEDGE	_
B5KING 013	69 51 37"	-137 56' 37"	MORGAN,P./	KING POINT, YUKON	DREDGE	PIPE
85KING 014 POINT	69 51 3911	-137 56' 45"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
85KING 015	69 51 39"	-137 56' 46"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
85KING 016	69 51 40"	-137 56' 53"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT						
85KING, 017	69 51 40"	-137 56' 53"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
	i	1		i de la companya de l	1	((
85KING 018	69 51 41"	-137 56' 53"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
85KING 019	69 51 41"	-137 56' 57"	MORGAN, P./	KING POINT, YUKON	DREDGE	P PE
POINT						
85K ING 020	69 51 43"	-137 571 3"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
85KING 021	69 51 43"	-137 57' 3"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT						
85K I NG 022	69 51 45"	-137 571 10"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT						
85K ING 023	69 5' 45"	-137 571 10"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT						
85K I NG 024	69 51 48"	-137 571 17"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT						
85K ING 025	69 51 48"	-137 571 16"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT						
85KING 026	69 51 50"	-137 571 22"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT						
85KING 027	69 51 50"	-137 57' 22"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE

TYPE	P IPF	J . =	PIPE		PIPE		PIPE		PIPE		구 기		۵ ۱	D I D C	4 - -	1010	J L	PIPE		PIPE		P IPE		PIPE	PIPE		PIPE		PIPE	PIPE	
SAMPLE	DRFDGF	2	DREDGE		DREDGE		DREDGE		DREDGE		DREDGE	0	DNELVE	DECOCE	DNEDGE	Decher	DNED OF	DREDGE		DREDGE		DREDGE		DREDGE	DREDGE		DREDGE		DREDGE	DREDGE	
GEOGRAPHIC AREA	KING POINT. YIKON		KING POINT, YUKON		KING POINT, YUKON		KING POINT, YUKON		KING POINT, YUKON	!	KING POINI, YUKON	TNIOG ONLY	, 1001	INC BOLINT VINCON	. 1810	MANIX THIOG SHIM		KING POINT, YUKON		KING POINT, YUKON		KING POINT, YUKON		KING POINT, YUKON	KING POINT, YUKON		KING POINT, YUKON		KING POINT, YUKON	KING POINT, YUKON	
SC I ENTI ST-SHIP	MORGAN. P./		MORGAN, P./		MORGAN, P./		MORGAN, P./		MORGAN, P./		MOKGAN, P.	/ G NVJGOW	1000001-07	MODCAN D /	/• L(NDONO)-	MODCAN D /	/• I*NOVOL	MORGAN, P./	•	MORGAN, P./		MORGAN, P./		MORGAN,P./	MORGAN, P./		MORGAN, P./		MORGAN, P./	. MORGAN, P./	
LONGITUDE	-137 571 27"	;	-137 57' 27"		-137 571 33"		-137 571 33"		-137 571 43"	1	-15/ 5/1 45"	127 571 548		-127 571 541	3	127 581 51	2	-137 58' 5"		-137 581 15"		-137 581 15"		137 581 25"	-137 581 27"		-137 581 31"		-137 58' 32"	-137 56' 32"	
LATITUDE	69 51 53"	,	69 51 52"		69 51 55"		69 51 55"		69 61 1"	;		. 19 09	5	69 61 611	5	KO KI 11#	5	69 61 11"		69 61 16"		69 61 161		69 6' 22"	69 61 22"		69 6' 24"		69 6' 24"	69 51 37"	
STATION	028	}	020		030		031		032	!	ccn	720	5	035	3	036	3	037		038		039		040	041		042		043	050	
CRUI SE	* 85K ING	POINT	* 85KING	POINT	* 85KING	POINT	* 85KING	POINT	* 85K I NG	INIOL ,		* POIN:		* 85K1NG		* מאנאות		* 85K I NG	POINT	* 85KING	POINT	* 85KING	POINT	* 85KING POINT	* 85KING	POINT	* 85KING	POINT	* 85KING	* 85K ING	POINT

* 85K ING POINT	073	69 5' 40"	-137 56' 45"	MORGAN, P./	KING POINT, YUKON	DREDGE	P IPE
* 85KING	074	69 5' 42"	-137 56' 52"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT			÷		!	1	
* 85KING POINT	075	69 5' 42"	-137 56' 55"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
* 85KING	9/0	69 51 44"	-137 571 2"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT					•		
* 85KING	7.70	69 51 46"	137 57 9"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85KING	078	69 51 49"	-137 571 16"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85K ING	620	69 51 51"	-137 571 21"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85KING	080	69 51 54"	-137 57' 27"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85KING	081	69 51 57"	-137 571 31"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85KING	082	69 61 2"	-137 57' 42"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85KING	084	6 19 69	-137 57' 53"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85K!NG	085	69 6' 12"	-137 58' 4"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85K ING	980	69 61 18"	-137 58' 14"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85KING	180	69 61 23"	-137 58' 24"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT							
* 85K ING	088	69 61 25"	-137 58' 30"	MORGAN, P./	KING POINT, YUKON	DREDGE	PIPE
POINT		i					

TYPE	ГЕНІСН	ONSHORE WELL		
SAMPLE	CORE	CORE		
GEOGRAPHIC AREA	LITTLE PEARL BASIN, OFF POINT LEPREAU	SABLE ISLAND	·	
SCIENTIST-SHIP GE	зсоп,р.	SCOTT,D./BOYD,R./DALHOUSIE UNIVERSITY		
LONGITUDE	- 66 27' 0"	- 59 56' 27"		
LATITUDE	45 4' 0"	43 55' 46"		
CRUISE STATION	* 85LEPREAU 001	* 85 SABLE 001		

Purpose: A joint charter cruise with the Champlain Centre of Marine Sciences to determine the presence of the 1971 and 1663 landslip events.

TYPE	LEHIGH	-Ен (Эн	LEHIGH	
JULIAN SAMPLE TYPE	CORE	CORE 1	CORE	
JULIAN	149 (147 (149 (
IIC AREA DEPTH JULIAN	135.00	152.00	153.00	
GEOGRAPHIC AREA	FJORD,	FJORD,	FJORD,	
SHIP GEOGRAPH	SAGUENAY	QUEBEC SAGUENAY · FJORD,	QUEBEC SAGUENAY	QUEBEC
SCIENTIST-SHIP	SCHAFER, C./LOUIS SAGUENAY FJORD,	M. LAUZIER SCHAFER, C./LOUIS	M. LAUZIER SCHAFER, C./LOUIS	M. LAUZIER
LÓNGITUDE	- 70 45' 11"	- 70 44' 8"	- 70 48' 37"	
CRUIS STATION LATITUDE	48 24' 58"	48 23' 53"	48 211 3"	
STATION				
CRUIS	* 85SAGUENAY 008C	* 85SAGUENAY 009B	* 85SAGUENAY 012B	

Purpose: Surficial sediments for textural analysis to determine provenance and to map sediment distributions.

CRUISE	STATION	NUMBER	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	ОЕРТН	JUL 1 AN	SAMPLE	TYPE
	; 1 1 1 1 1 1	,								
* 85 SEAKEM 003	۷ 003	100	42 0' 0"	- 52 0' 0"	FADER, G./	GRAND BANKS OF	142.00	88	GRAB	VAN VEEN
			•		TEMPLEMAN	NEWFOUNDL AND				
* 85 SEAKEM 005	M 005	100	46 591 53"	- 50 01 0"	FADER, G./	GRAND BANKS OF	82.00	88	GR AB	VAN VEEN
					TEMPLEMAN	NE WFOUNDLAND				
* 85SEAKEM 005	₩ 005	005	46 59 53"	0 0.0 05	FADER, G./	GRAND BANKS OF	82.00	88	GRAB	VAN VEEN
					TEMPLEMAN	NEWFOUNDL AND				
* 85 SEAKEM 005	M 005	003	46 591 53"	- 50 01 011	FADER, G./	GRAND BANKS OF	. 82•00	88	GRAB	VAN VEEN
					TEMPLEMAN	NE WFOUNDLAND				
* 85 SEAKEM 005	M 005	900	46 591 53"	- 50 01 011	FADER, G./	GRAND BANKS OF	82.00	88	GRAB	VAN VEEN
					TEMPLEMAN	NE WFOUNDL AND				
* 85 SEAKEM 005	M 005	002	46 59' 53"	- 50 01 0"	FADER, G./	GRAND BANKS OF	82.00	88	GRAB	VAN VEEN
					TEMPLEMAN	NE WFOUNDLAND				
* 85 SEAKEM 006	900 W	900	47 0' 0"	- 48 591 53"	FADER, G./	GRAND BANKS OF	91.00	88	GRAB	VAN VEEN
					TEMPLEMAN	NE WFOUNDLAND				
* 85 SEAKEM 006	900 W	. 700	47 0' 0"	- 48 591 53"	FADER,G./	GRAND BANKS OF	91.00	88	GRAB	VAN VEEN
					TEMPLEMAN	NE WFOUNDLAND				
* 85 SEAKEM 006	900 W	800	47 01 011	- 48 591 5311	FADER,G./	GRAND BANKS OF	91.00	88	GRAB	VAN VEEN
					TEMPL EMAN	NE WFOUNDLAND				
* 85 SEAKEM 006	900 W	600	47 0' 0"	- 48 59' 53"	FADER,G./	GRAND BANKS OF	91.00	88	GRAB	VAN VEEN
					TEMPLEMAN	NE WFOUNDLAND				
* 85SEAKEM 006	900 W	010	47 0' 0"	- 48 591 53"	FADER,G./	GRAND BANKS OF	91.00	88	GRAB	VAN VEEN
					TEMPLEMAN	NE WFOUNDL AND				
* 85SEAKEM 006	900 M	011	47 0' 0"	- 48 59' 53"	FADER, G./	GRAND BANKS OF	91.00	88	GRAB	VAN VEEN
					TEMPLEMAN	NE WFOUND LAND				
* 85 SEAKEM 006	900 W	012	47 0' 0"	- 48 59' 53"	FADER, G./	GRAND BANKS OF	91.00	88	GRAB	VAN VEEN
					TEMPLEMAN	NEWFOUNDLAND				

!	R		8		S.		ĸ		N		E.		S		N.		S		Ä		<u>~</u>		S		S	
TYPE	VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN	
SAMPLE	GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB	
JULIAN	88		88		88	٠	88		88		88		88		88		83		89		89		88		83	
DEPTH	91.00		91.00		91.00		91.00		91.00		91.00		91.00		91.00		123.00		123.00		123.00		123.00		123.00	
GEOGRAPHIC AREA	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NE WFOUNDLAND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NEWFOUNDLAND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NE WFOUND LAND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NEWFOUNDLAND	GRAND BANKS OF	NEWFOUNDL AND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NEWFOUNDL AND	GRAND BANKS OF	NE WFOUNDLAND
SCI ENTI ST-SHIP	FADER,G./	TEMPLEMAN	FADER,G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER,G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN
LONG! TUDE	- 48 591 531		- 48 59' 53"		- 48 59' 53"		- 48 591 531		- 48 59' 53"		- 48 59' 53"	*	- 48 591 53"		- 48 591 53"		- 48 15' 0"		- 48 15' 0"		- 48 15' 0"		- 48 15' 0"		- 48 15' 0"	
LATITUDE	47 0' 0"		47 01 011		47 01 011		47 0' 0"		47 0' 0"		47 0' 0"		47 0' 0"		47 01 011		47 0' 0"		47 0' 0"		47 0' 0"		47 0' 0"		47 0' 0"	
NUMBER	013		014		015		910		017		018		019		020		021		022		023		024		. 520	
SE STATION	85SEAKEM 006		85 SEAKEM 006		85 SEAKEM 006		85 SEAKEM 006		85 SEAKEM 006	•	85SEAKEM 006		85SEAKEM 006		85SEAKEM 006		85SEAKEM 007		85SEAKEM 007		85SEAKEM 007		85SEAKEM 007		85 SEAKEM 007	
CRUISE	* 85SEAK		* 85 SEAK		* 85 SEAK		* 85 SEAK		* 85SEA		* 85SEA		* 85SEA		* 85SEA		* 85SEA		* 85SEA		* 85SEA		* 85SEA		* 85SEA	

																									•										
TYPE	VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN		VAN VEEN						
SAMPLE	GRAB		GRAB		GRAB		GRAB		GRAB		GR AB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		GRAB						· e
JUL I AN	68		88		83		89		83		86		88		88		88		88		88		88		89		89		8		•				
DEP TH	200.00		200.00		200.00		200.00		200.00		200.00		200.00		200.00		200.00		200,00		200.00		200.00		200.00		200.00		200.00				-		
GEOGRAPHIC AREA	GRAND BANKS OF	NEWFOUNDL AND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NEWFOUNDL AND	GRAND BANKS OF	NEWFOUNDL AND	GRAND BANKS OF	NEWFOUNDL AND	GRAND BANKS OF	NEWFOUNDL AND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NE WFOUNDLAND	GRAND BANKS OF	NE WFOUNDL AND	GRAND BANKS OF	NE WFOUNDLAND	GRAND BANKS OF	NEWFOUND! AND	GRAND BANKS OF	NE WFOUNDL AND		•		-	
SCIENTIST-SHIP	FADER, 6./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN	FADER, G./	TEMPLEMAN				•	
LONGITUDE	- 47 27' 47"		- 47 27' 47"	-	- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 27' 47"		- 47 271 47"						
LATITUDE	46 27' 47"		46 27' 47"		46 27 47"		46 27' 47"		46 27' 47"		46 27' 47"		46 27' 47"	•	46 27' 47"		46 27' 47"		46 27' 47"	·	46 27' 47"		46 27' 47"		46 27' 47"		46 27' 47"		46 27' 47"						
NUMBER	026		720		028		029		030		031		032		033		034		035		920		037		038		039		040						
CRUI SE STATION	* 85SFAKEM 008		* 85SEAKEM 008		* 85SEAKEM 008		* 85SEAKEM 008		* 85SEAKEM 008		* 85 SEAKEM 008		* 85 SEAKEM 008		* 85 SEAKEM 008		* 85 SEAKEM 008		* 85SEAKEM 008		* 85 SEAKEM 008		* 85SEAKEM 008		* 85 SEAKEM 008		* 85SEAKEM 008		* 85 SEAKEM 008						

Purpose : To obtain borehole samples to assist in determining sea bed stability.

CRUISE STATION LATITUDE	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JULIAN SAMPLE	SAMPLE	TYPE	LENGTH
					† † †		: 		
* 84BANKS 001 LAND	69 28' 15"	-138 481 45"	HILL,P./BANKSLAND SURVEYOR	Beaufort sea	39.00	206	CORE	PISTON	349.0
84BANKS 002 LAND	69 281 511	-138 49' 44"	HILL, P./BANKSLAND SURVEYOR	Beaufort sea	59.00	206	CORE	PISTON	546.0
* 84BANKS 004	69 27' 41"	-138 511 43"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	65.00	207	CORE	PISTON	508.0
84BANKS 005 LAND	69 291 311	-138 46' 19"	HILL, P./BANKSLAND SURVEYOR	Beaufort sea	20.00	207	CORE	PISTON	356.0
84BANKS 006 LAND	69 271 25"	-138 47' 2"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	53.00	207	CORE	PISTON	540.0
* 84BANKS 007 LAND	69 261 30"	-138 45' 0"	HILL, P. / BANKSLAND SURVEYOR	BEAUFORT SEA	43.00	207	CORE	PISTON	395.0
84BANKS 008	69 25 1 25 11	-138 42' 56"	HILL, P. / BANKSLAND SURVEYOR	BEAUFORT SEA	18.00	207	CORE	PISTON	53.0
84BANKS 009	69 23' 42"	-138 39' 47"	HILL, P. / BANKSLAND SURVEYOR	BEAUFORT SEA	14.00	207	CORE	PI STON	169.0
84BANKS 010 LAND	69 42' 20"	-139 23' 6"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	33.00	229	CORE	PISTON	37.0
84BANKS 011 LAND	69 44' 49"	-140 28' 50"	HILL, P./BANKSLAND SURVEYOR	Beaufort sea	31.10	229	CORE	PISTON	80.0
84BANKS 012 LAND	69 45	-141 0' 2"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	26.90	229	CORE	PISTON	78.0
84BANKS 013 LAND	69 51 1 51 11	-140 591 3711	HILL,P./BANKSLAND SURVEYOR	BEAUFORT SEA	35.90	229	CORE	PISTON	196.0

CRUISE STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	DEPTH	JUL I AN	SAMPLE	ТҮРЕ	LENGTH
						i 			
* 84BANKS 070	69 43' 20"	-140 2' 7"	HILL, P./BANKSLAND	BEAUFORT SEA	28.00	231	CORE	PISTON	83.0
LAND			SURVEYOR						
* 84BANKS 071	69 431 23"	-140 25' 45"	HILL, P./BANKSLAND	BEAUFORT SEA	28.00	231	CORE	PISTON	135.0
LAND			SURVEYOR						
* 84BANKS 072	69 431 311	-139 231 17"	HILL, P. /BANKSLAND	BEAUFORT SEA	34.00	232	CORE	PISTON	26.0
LAND			SURVEYOR						
* 84BANKS 073	69 421 55"	-139 12' 41"	HILL, P./BANKSLAND	BEAUFORT SEA	38.20	232	CORE	PISTON	64.0
LAND			SURVEYOR						
* 84BANKS 074	69 391 111	-139 23' 26"	HILL, P. /BANKSLAND	BEAUFORT SEA	26.00	233	CORE	PISTON	0.0
LAND			SURVEYOR						
* 84BANKS 076	69 381 581	-139 181 59"	HILL, P./BANKSLAND	BEAUFORT SEA	25.00	233	CORE	PISTON	0.0
LAND			SURVEYOR						
* 84BANKS 089	69 391 12"	-139 581 111	HILL, P./BANKSLAND	BEAUFORT SEA	26.70	238	CORE	PISTON	110.0
LAND			SURVEYOR						
* 84BANKS 090	69 391 51"	-139 581 22"	HILL, P. / BANKSLAND	BEAUFORT SEA	28.10	238	CORE	PISTON	156.0
LAND			SURVEYOR						
* 84BANKS 091	69 391 26"	-139 581 7"	HILL, P./BANKSLAND	BEAUFORT SEA	28.10	238	CORE	PISTON	97.0
LAND			SURVEYOR						
* 84BANKS 092	69 401 37"	-139 581 911	HILL, P./BANKSLAND	Beaufort' sea	26.90	238	CORE	PISTON	35.0
LAND			SURVEYOR						
* 84BANKS 105	70 31 20"	-139 211 19"	HILL, P. / BANKSLAND	BEAUFORT SEA	62.00	241	CORE	PISTON	0.0
LAND			SURVEYOR						

CRU I SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	SAMPLE	TYPE	
* 84BANKSLAND	010	69 42' 20"	-139 231 8"	HILL,P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	. 110	69 44' 49"	-140 28' 50"	SURVEYOR HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	012	69 45' 25"	-141 0' 2"	SURVETOR HILL, P. / BANK SLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	013	69 511 51"	-140 591 37"	HILL, P. / BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	014	69 50* 13"	-141 01 11	SURVETOR HILL,P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	015	69 47' 25"	-141 0' 8"	SOLVETOR HILL,P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	910	69 44' 48"	-141 0' 2"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	017	69 42' 5"	-141 0' 3"	HILL, P. / BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	018	69 391 37"	-141 0' 1"	HILL, P. / BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	019	69 391 28"	-140 52' 18"	HILL, P. / BANK SLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	020	69 42' 11"	-140 52' 15"	HILL, P. / BANK SLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	021	69 44' 50"	-140 52' 6"	HILL, P. / BANK SLAND	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	022	69 44' 48"	-140 44' 46"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	023	69 42' 17"	-140 44' 37"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN	
* 84BANKSLAND	024	69 391 251	-140 44' 39"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN	

* 84BANKSLAND 025 * 84BANKSLAND 026 * 84BANKSLAND 027 * 84BANKSLAND 027	O.						,	
		39' 24"	" -140 36'	43"	HILL, P./BANK SLAND	BEAUFORT SEA	GRAB	VAN VEEN
84BANKSLAND 84BANKSLAND	69	42' 16"	" -140 36'	1 43"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
84BANK SLAND	69	9 44' 55"	" -140 36	34"	SURVETOR HILL,P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
	69	44' 48"	" -140 28	" 57"	SURVE TOR HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 029	69	9 42' 2"	-140 29	12"	SURVETOR HILL,P./BANKSLAND SIRVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 030	69	9 391 28"	-140 29	1 3H	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 031	69	9 421 7"	-140 21	. 20	SOLVETON HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 032	69	9 44' 47"	" -140 21	10"	SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 033	69	9 47' 28"	140 21	- 1	HILL, P. / BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 034	69 t	9 47' 25"	140 131	1 2"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 035	69	9 44' 45"	140 131	1 20"	SERVETOR HILL, P./BANKSLAND SHRVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 036	69 9	9 42' 7"	-140 13	- 41"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 037		69 39' 42"	2" -140 131	• 52"	HILL, P./BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 038		69 391 1911)" -140 6°	# 4	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 039		69 42' 11	11" -140 5'	28"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 040		69 44' 43	43" -140 5'	36"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND 041		69 47' 23	23" -140 5'	31"	HILL,P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN

SHANKSLAND 042 69 50 7" -140 51 21" HILL, P./BANKSLAND BEAUFORT SEA GRAB VAN VEBN SHANKSLAND 043 69 491 54" -139 571 46" HILL, P./BANKSLAND BEAUFORT SEA GRAB VAN VEBN SHANKSLAND 044 69 471 19" -139 571 42" HILL, P./BANKSLAND BEAUFORT SEA GRAB VAN VEBN SHANKSLAND 045 69 411 52" -139 581 11" HILL, P./BANKSLAND BEAUFORT SEA GRAB VAN VEBN SHANKSLAND 045 69 411 52" -139 581 11" HILL, P./BANKSLAND BEAUFORT SEA GRAB VAN VEBN SHANKSLAND 046 69 411 52" -139 581 11" HILL, P./BANKSLAND BEAUFORT SEA GRAB VAN VEBN SHANKSLAND 049 64 11 49" -139 50 11" HILL, P./BANKSLAND BEAUFORT SEA GRAB VAN VEBN SHANKSLAND 050 69 391 15" -139 41 42" HILL, P./BANKSLAND BEAUFORT SEA GRAB VAN VEBN SHANKSLAND 051 69 411 49" -139 41 53" HIL	CRUI SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	SAMPLE	ТҮРЕ
042 69 50 77" -140 51 21" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 491 54" -139 57 46" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 441 59" -139 57 42" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 441 52" -139 581 11" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 391 25" -139 581 0" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 591 19" -139 501 16" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 591 19" -139 501 16" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 501 15" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 501 15" -139 421 38" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 501 15" -139 421 38" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 502 15" -139 341 45" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 503 4" -139 341 53" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 504 22" -139 341 53" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 350 4" -139 271 12" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 53" -139 271 12" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 53" -139 271 12" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 53" -139 271 12" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 53" -139 271 12" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 10" -139 261 49" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 10" -139 261 39" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 10" -139 261 39" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 11" -139 19 112" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 11" -139 19 112" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 11" -139 19 112" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 11" -139 19 112" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 11" -139 19 112" HILL, P., PAMKSLAND BEAUFORT SEA GRAB VINEYOR CAS 69 411 11" -139 19 112" HILL, P., PAMKSLAND CAS 69 64 411 11" -139 19 112" HILL, P., PAMKSLAND CAS 69 64 64 64 64 64 64 64 64 64 64 64 64 64								
043 69 49 54" -139 57' 46" HILL,P./BANKSLAND BEAUFORT SEA GRAB 044 69 47' 19" -139 57' 42" HILL,P./PANKSLAND BEAUFORT SEA GRAB 045 69 44' 39" -139 58' 11" HILL,P./PANKSLAND BEAUFORT SEA GRAB 046 69 41' 52" -139 58' 11" HILL,P./PANKSLAND BEAUFORT SEA GRAB 047 69 39' 19" -139 58' 16" HILL,P./PANKSLAND BEAUFORT SEA GRAB 049 69 41' 28" -139 51' 15" HILL,P./PANKSLAND BEAUFORT SEA GRAB 050 69 39' 19" -139 42' 38" HILL,P./PANKSLAND BEAUFORT SEA GRAB 051 69 41' 49" -139 44' HILL,P./PANKSLAND BEAUFORT SEA GRAB 052 69 36' 19" HILL,P./PANKSLAND BEAUFORT SEA GRAB 053 69 41' 49" -139 34' 5" HILL,P./P	84BANKSLAND	042	50	5' 21	HILL,P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
044 69 471 19" -139 571 42" HILL, P/BANKSLAND BEAUFORT SEA GRAB 045 69 441 39" -139 581 11" HILL, P/BANKSLAND BEAUFORT SEA GRAB 046 69 411 52" -139 581 34" HILL, P/BANKSLAND BEAUFORT SEA GRAB 047 69 391 29" -139 581 34" HILL, P/BANKSLAND BEAUFORT SEA GRAB 048 69 391 19" -139 50' 16" HILL, P/BANKSLAND BEAUFORT SEA GRAB 049 69 411 28" -139 50' 16" HILL, P/BANKSLAND BEAUFORT SEA GRAB 050 69 391 15" -139 50' 16" HILL, P/BANKSLAND BEAUFORT SEA GRAB 051 69 411 28" -139 51' 15" HILL, P/BANKSLAND BEAUFORT SEA GRAB 052 69 391 15" -139 34' 45" HILL, P/BANKSLAND BEAUFORT SEA GRAB 053 69 36' 29" -139 34' 45" HILL, P/BANKSLAND BEAUFORT SEA GRAB 054 69 36' 29" -139 34' 55" HILL, P/BANKSLAND BEAUFORT SEA GRAB 055 69 39' 4" -139 34' 57" HILL, P/BANKSLAND BEAUFORT SEA GRAB 056 69 41' 53" -139 27' 12" HILL, P/BANKSLAND BEAUFORT SEA GRAB 057 69 41' 53" -139 27' 12" HILL, P/BANKSLAND BEAUFORT SEA GRAB 058 69 41' 53" -139 26' 49" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 53" -139 26' 49" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 49" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 49" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL, P/BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL, P/BANKSLAND BEAUFORT SEA GRAB	84BANKSLAND	043	491	571	HILL, P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
045 69 441 391 -139 581 111 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 046 69 411 521 -139 581 041 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 048 69 391 251 -139 581 341 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 049 69 411 281 -139 511 151 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 050 69 391 151 -139 421 381 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 051 69 411 491 -139 421 381 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 052 69 391 81 -139 341 451 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 054 69 361 221 -139 341 551 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 055 69 350 41 -139 271 291 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 056 69 411 531 -139 271 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 056 69 411 531 -139 271 151 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 057 69 441 241 -139 261 491 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 058 69 471 101 -139 261 491 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 058 69 471 101 -139 261 491 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 261 391 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 261 391 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 261 391 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 131 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 121 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -139 121 131 HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 441 211 -	84BANKSLAND	044	471	571	HILL, P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
046 69 411 521 -139 581 0" HILL,P./BANKSLAND BEAUFORT SEA GRAB 047 69 391 25" -139 581 34" HILL,P./BANKSLAND BEAUFORT SEA GRAB 048 69 391 19" -139 501 16" HILL,P./BANKSLAND BEAUFORT SEA GRAB 049 69 411 28" -139 511 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB 049 69 411 28" -139 511 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB 050 69 391 15" -139 421 38" HILL,P./BANKSLAND BEAUFORT SEA GRAB 051 69 411 49" -139 341 45" HILL,P./BANKSLAND BEAUFORT SEA GRAB 052 69 391 8" -139 341 55" HILL,P./BANKSLAND BEAUFORT SEA GRAB 053 69 351 29" -139 351 9" HILL,P./BANKSLAND BEAUFORT SEA GRAB 054 69 351 29" -139 351 9" HILL,P./BANKSLAND BEAUFORT SEA GRAB 055 69 391 4" -139 271 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 056 69 411 55" -139 271 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 057 69 441 24" -139 271 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB 058 69 441 24" -139 261 49" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 441 21" -139 261 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 441 21" -139 191 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 441 21" -139 191 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 441 21" -139 191 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 441 21" -139 191 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 441 21" -139 191 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 441 21" -139 191 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 441 21" -139 191 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB	84BANKSLAND	045	441	581	HILL, P. / BANK SLAND SURVEYOR		GRAB	VAN VEEN
047 69 39: 25" -139 58' 34" HILL,P/BANKSLAND BEAUFORT SEA GRAB 048 69 39: 19" -139 50' 16" HILL,P/BANKSLAND BEAUFORT SEA GRAB 049 69 41' 28" -139 51' 15" HILL,P/BANKSLAND BEAUFORT SEA GRAB 050 69 39' 15" -139 42' 38" HILL,P/BANKSLAND BEAUFORT SEA GRAB 051 69 41' 49" -139 34' 45" HILL,P/BANKSLAND BEAUFORT SEA GRAB 052 69 39' 8" -139 34' 45" HILL,P/BANKSLAND BEAUFORT SEA GRAB 053 69 36' 29" -139 34' 53" HILL,P/BANKSLAND BEAUFORT SEA GRAB 054 69 36' 29" -139 37' 12" HILL,P/BANKSLAND BEAUFORT SEA GRAB 055 69 39' 4" -139 27' 12" HILL,P/BANKSLAND BEAUFORT SEA GRAB 056 69 41' 53" -139 27' 12" HILL,P/BANKSLAND BEAUFORT SEA GRAB 057 69 44' 24" -139 26' 49" HILL,P/BANKSLAND BEAUFORT SEA GRAB 058 69 44' 24" -139 26' 39" HILL,P/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 24" -139 26' 39" HILL,P/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 26' 39" HILL,P/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 26' 39" HILL,P/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 26' 39" HILL,P/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 26' 39" HILL,P/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P/BANKSLAND BEAUFORT SEA GRAB	84BANKSLAND	046	41.	58.	HILL, P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
048 69 39 19" -139 50' 16" HILL,P./BANKSLAND BEAUFORT SEA GRAB 049 69 41' 28" -139 51' 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB 050 69 39' 15" -139 42' 38" HILL,P./BANKSLAND BEAUFORT SEA GRAB 051 69 41' 49" -139 34' 45" HILL,P./BANKSLAND BEAUFORT SEA GRAB 052 69 39' 8" -139 34' 53" HILL,P./BANKSLAND BEAUFORT SEA GRAB 053 69 36' 29" -139 34' 53" HILL,P./BANKSLAND BEAUFORT SEA GRAB 054 69 36' 22" -139 37' 9" HILL,P./BANKSLAND BEAUFORT SEA GRAB 055 69 39' 4" -139 27' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 056 69 41' 53" -139 27' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 057 69 41' 53" -139 27' 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB 058 69 44' 24" -139 27' 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 41' 53" -139 26' 49" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 24" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 24" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 41' 10" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 41' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 41' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB	84BANKSLAND	047	391	581	HILL, P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
050 69 41' 28" -139 51' 15" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR SURVEYOR OS 69 39' 15" -139 42' 38" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR OS 69 39' 8" -139 34' 45" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR OS 69 36' 29" -139 34' 53" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR OS 69 36' 22" -139 37' 29" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR OS 69 36' 4" -139 27' 29" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR OS 69 41' 53" -139 27' 12" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR OS 69 41' 53" -139 26' 49" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR OS 69 41' 53" -139 26' 49" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR SURVEYOR SURVEYOR SURVEYOR SURVEYOR SURVEYOR OS 69 41' 10" -139 26' 39" HILL,P-,BANKSLAND BEAUFORT SEA GRAB SURVEYOR SURV	84BANKSLAND	048	391	50	HILL, P./BANKSLAND SURVEYOR		GRAB	V.AN VEEN
050 69 391 15" -139 42' 38" HILL,P./BANKSLAND BEAUFORT SEA GRAB 051 69 41' 49" -139 34' 45" HILL,P./BANKSLAND BEAUFORT SEA GRAB 052 69 39' 8" -139 34' 53" HILL,P./BANKSLAND BEAUFORT SEA GRAB 053 69 36' 29" -139 35' 9" HILL,P./BANKSLAND BEAUFORT SEA GRAB 054 69 36' 22" -139 27' 29" HILL,P./BANKSLAND BEAUFORT SEA GRAB 055 69 39' 4" -139 27' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 056 69 41' 53" -139 27' 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB 057 69 44' 24" -139 26' 49" HILL,P./BANKSLAND BEAUFORT SEA GRAB 058 69 47' 10" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 24" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB	84BANKSLAND	049	41.	511	HILL, P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
051 69 41' 49" -139 34' 45" HILL,P./BANKSLAND BEAUFORT SEA GRAB 052 69 39' 8" -139 34' 53" HILL,P./BANKSLAND BEAUFORT SEA GRAB 053 69 36' 29" -139 37' 29" HILL,P./BANKSLAND BEAUFORT SEA GRAB 054 69 36' 22" -139 27' 29" HILL,P./BANKSLAND BEAUFORT SEA GRAB 055 69 39' 4" -139 27' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 056 69 41' 53" -139 27' 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB 057 69 44' 24" -139 26' 49" HILL,P./BANKSLAND BEAUFORT SEA GRAB 058 69 47' 10" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 24" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB	* 84BANKSLAND	050	391	42'	HILL, P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
052 69 39¹ 8¹¹ -139 34¹ 53¹¹ HILL,P./BANKSLAND BEAUFORT SEA GRAB 053 69 36¹ 29¹¹ -139 35¹ 9¹¹ HILL,P./BANKSLAND BEAUFORT SEA GRAB 054 69 36¹ 22¹¹ -139 27¹ 29¹¹ HILL,P./BANKSLAND BEAUFORT SEA GRAB 055 69 39¹ 4¹¹ -139 27¹ 12²² HILL,P./BANKSLAND BEAUFORT SEA GRAB 056 69 41¹ 53¹² -139 27¹ 15²² HILL,P./BANKSLAND BEAUFORT SEA GRAB 057 69 44¹ 24¹² -139 26¹ 49¹² HILL,P./BANKSLAND BEAUFORT SEA GRAB 058 69 44¹ 24¹² -139 26¹ 39¹² HILL,P./BANKSLAND BEAUFORT SEA GRAB 058 69 44¹ 24¹² -139 26¹ 39¹² HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44¹ 24¹² -139 26¹ 39¹² HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44¹ 21¹³ -139 12¹² HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44¹ 21¹³ -139 12¹² HILL,P./BANKSLAND BEAUFORT SEA GRAB 059 69 44¹ 21¹³ -139 12¹² HILL,P./BANKSLAND BEAUFORT SEA GRAB	* 84BANKSLAND	051	11	34	HILL, P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
053 69 36' 29" -139 35' 9" HILL,P-/BANKSLAND BEAUFORT SEA GRAB 054 69 36' 22" -139 27' 29" HILL,P-/BANKSLAND BEAUFORT SEA GRAB 055 69 39' 4" -139 27' 12" HILL,P-/BANKSLAND BEAUFORT SEA GRAB 056 69 41' 53" -139 27' 15" HILL,P-/BANKSLAND BEAUFORT SEA GRAB 057 69 44' 24" -139 26' 49" HILL,P-/BANKSLAND BEAUFORT SEA GRAB 058 69 47' 10" -139 26' 39" HILL,P-/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 26' 39" HILL,P-/BANKSLAND BEAUFORT SEA GRAB 059 69 44' 21" -139 19' 12" HILL,P-/BANKSLAND BEAUFORT SEA GRAB	* 84BANKSLAND	052	391	34	HILL, P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
054 69 36' 22" -139 27' 29" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 055 69 39' 4" -139 27' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 056 69 41' 53" -139 27' 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 057 69 44' 24" -139 26' 49" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 058 69 47' 10" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR	* 84BANKSLAND	053	361	35 1	HILL,P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
055 69 39' 4" -139 27' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB 056 69 41' 53" -139 27' 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB 057 69 44' 24" -139 26' 49" HILL,P./BANKSLAND BEAUFORT SEA GRAB 058 69 47' 10" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR SURVEYOR SURVEYOR GRAB SURVEYOR GRAB SURVEYOR SURVEYOR SURVEYOR GRAB GRAB	* 84BANKSLAND	054	361	172	HILL, P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
056 69 41' 53" -139 27' 15" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 057 69 44' 24" -139 26' 49" HILL,P./BANKSLAND BEAUFORT SEA SURVEYOR 058 69 47' 10" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA SURVEYOR 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA SURVEYOR SURVEYOR	* 84BANKSLAND	055	391	27	HILL,P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
057 69 44' 24" -139 26' 49" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 058 69 47' 10" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR	* 84BANKSLAND	056	41.	27'	HILL, P./BANK SLAND SURVEYOR		GRAB	VAN VEEN
058 69 47' 10" -139 26' 39" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR 059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR	* 84BANKSLAND	057	44.	261	HILL,P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
059 69 44' 21" -139 19' 12" HILL,P./BANKSLAND BEAUFORT SEA GRAB SURVEYOR	* 84BANKSLAND	058	471	261	HILL,P./BANKSLAND SURVEYOR		GRAB	VAN VEEN
	* 84BANKSLAND	059	44.	-139 191 12"	HILL,P./BANKSLAND SURVEYOR		GRAB .	VAN VEEN

CRUI SE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	SAMPLE	TYPE
* 84BANKSLAND	090	69 41' 37"	-139 191 25"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	061	69 381 57"	-139 191 31"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	062	69 361 13"	-139 19' 44"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	963	69 381 54"	-139 11' 46"	HILL, P. / BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	064	69 411 37"	-139 11' 30"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	065	69 44' 17"	-139 111 15"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	990	69 44' 12"	-139 31 32"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	<i>L</i> 90	69 46' 10"	-139 1' 29"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	890	69 41' 28"	-139 31 49"	HILL, P./BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	690	69 381 50"	-139 4' 16"	HILL, P. / BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	070	69 43' 19"	-140 2' 7"	HILL, P. / BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	071	69 431 24"	-140 25' 45"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	072	69 431 3"	-139 231 1711	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	073	69 42' 55"	-139 12' 42"	HILL,P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	074	69 391 111	-139 231 26"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	0.75	69 391 211	-139 231 27"	HILL,P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	920	69 381 581	-139 18' 59"	HILL, P. / BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN

CRUISE	STATION	LATITUDE	LONGITUDE	SCIENTIST-SHIP	GEOGRAPHIC AREA	SAMPLE	TYPE
* 84BANKSLAND	077	69 391 011	-139 22' 5"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRÀB	VAN VEEN
* 84BANKSLAND	078	69 381 581	-139 21' 1"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	620	69 381 581	-139 19' 42"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	080	69 381 57"	-139 181 25"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	081	69 381 57"	-139 171 511	HILL, P. / BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	082	69 381 55"	-139 151 56"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	083	69 381 55"	-139 14' 41"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	084	69 381 54"	-139 131 25"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	085	69 381 51"	-139 12' 18"	HILL, P./BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	980	69 381 53"	-139 11' 3"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	087	69 381 52"	-139 91 47"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	088	69 381 50"	-139 81 34"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	680	69 391 124	-139 58' 11"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	060	69 391 51"	-139 58' 22"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	091	69 391 26"	-139 58' 7"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	092	69 40' 37"	-139 581 911	HILL, P. / BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	660	69 40' 57"	-139 58' 23"	HILL, P./BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	094	69 41' 28"	-139 58' 20"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN

CRUISE	STATION	LATITUDE	LONGITUDE	SC IENT I ST-SHIP	GEOGRAPHIC AREA	SAMPLE	TYPE
* 84BANKSLAND	095	69 42' 0"	-139 58' 5"	HILL,P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	960	69 42' 34"	-139 58' 6"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB:	VAN VEEN
* 84BANKSLAND	260	69 43' 5"	-139 581 211	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	860	69 431 35"	-139 58' 4"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	660	69 431 3611	-139 59' 30"	HILL, P. / BANK SLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	100	69 431 311	-139 59' 40"	HILL,P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	101	69 421 3311	-139 591 34"	HILL, P. / BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	102	69 42' 1"	-139 591 3711	HILL, P. / BANK SLAND SURVEYOR	BEAUFORT SEA	GR AB	VAN VEEN
* 84BANKSLAND	103	69 411 27"	-139 59' 46"	HILL, P. / BANK SLAND	· BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	104	69 401 52"	-139 59' 48"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	105	69 31 20"	-139 21" 19"	HILL, P. / BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	90	69 21 22"	-139 211. 17"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	107	69 21 5311	-139 21' 24"	HILL, P./BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	108	69 31 22"	-139 21' 19"	HILL, P./BANKSLAND	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	109	69 11 48"	-139 21' 32"	HILL, P. / BANK SLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	110	69 11 13"	-139 211 301	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	=	185 10 69	-139 21' 41"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN
* 84BANKSLAND	112	6 .0 69	-139 21' 30"	HILL, P./BANKSLAND SURVEYOR	BEAUFORT SEA	GRAB	VAN VEEN

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