[Appendix]

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Sampling Results

of the Regional Geochemical Survey

Sample No.	Date	Time	Latitude	Longiturd	Depth	Sampler	Core length	Remarks
93SRGC01	08/25	23:28:25	9*30.013' S	155* 59. 765' R	3002. On	GC	356cm	Recovery Rock 70g, Bit damage
93SRGC02	08/26	03:41:20	9° 14, 911' S	155*45, 110' R	3535. On	GC	355cm	
93SRGC03	08/28	20:48:55	9° 44, 985' S	156° 15, 045' K	3783, On	GC	198cm	
93SRGC04	08/29	01:14:10	9° 59, 933' S	155° 59, 993' K	3612. Om	ĠĊ	203cm	
93SRGC05	08/29	20:38:20	8° 44. 897' S	156° 15, 142' K	3545. On	GC [.]	162cm	· · · ·
93SRLC06	08/29	01:12:50	8° 59. 993' S	156° 00, 039' B	3701, 0∎	LC	295cm	· · · · ·
93SRLC07	08/30	22:54:25	8° 15, 170' S	156° 14, 939' K	3644. Om	ЬС	175cm	· · ·
93SRGC08	08/31	03:11:55	8° 29. 962' S	155° 59, 960' K	3450. On	GC	207cm	· · · · · · · · · · · · · · · · · · ·
93SRGC09	09/03	00:23:50	8° 29. 908' S	156° 30. 177' K	2134. On	GC	199c n	
93SRGC10	09/03	04:19:20	8° 44, 924' S	156° 44. 935' E	2228, Om	GC	228cm	
93SRGC11	09/04	23:00:40	9° 15, 179' S	156° 14, 973' B	4197. On	GC	0cm	Recovery Rock 90g, Bit damage
93SRGC12	09/05	03:49:40	8° 59. 936' S	156° 30, 087' B	3155, On	GC	205cu	
93SRGC13	09/05	23:09:35	9° 43. 890' S	156° 45. 008' K	3196, On	GC	213cm	
93SRLC14	09/06	03:11:50	9° 29, 937' S	156° 29, 975' B	3663, On	ьc	58cm	Bit damage
93SRGC15	09/06	23:16:05	9° 30, 037' S	157°00,090' B	3493. On	GC	212cm	
93SRGC16	09/07	03:24:05	9° 15. 032' S	156° 45. 045' B	3181. On	GC	208cm	
93SRGC17	09/10	01:11:25	9° 00. 259' S	156° 59, 952' R	4094, On	GC	0cm	Sample run off
93SRGC18	09/10	05:36:55	9°01,810'S	156° 59, 700' B	4172, On	GC	30cm	Recovery Rock 90g
93SRGC19	09/11	02:23:45	8° 29, 919' S	157° 00. 041' B	2253 . On	GC	54cm	
93SRLC20	09/11	20:34:50	9° 00. 124' S	157° 30, 061' B	3651. On	гс	204cm	······································
93SRGC21	09/12	02:52:50	8° 45, 041' S	157° 15, 106' B	2529, On	GC	0cm	Sample run off
93SRGC22	09/12	94:44:40	8° 44. 630' S	157° 15. 356' B	2299, On	GC.	Ocn	Bit damage, Rock?
93SRGC23	09/12	22:54:55	9° 14, 979' S	157° 15, 076' K	4475. On	GC	216cm	i
93SRGC24	09/13	03:44:55	9° 27. 976' S	157° 29, 975' B	4161.0m	GC	183cn	
93SRGC25	09/14	22:56:15	9°04, 757'S	157° 59, 981' B	1997. On	GC	0cm	Bit damage, Rock?
93SRGC26	09/15	03:12:35	9° 15, 104' S	157° 45, 049' B	3662, On	GC	113cm	

Note:Date and Time represent the GNT. Time is Sampler on bottom.

1

Latitude and Longitude are GPS Vessel position and Depth by NBS.

Appendix Table 2

Sampling Results of the Detailed Survey

Sample No.		Date	Time	Latitude	Longitude	Depth	Recovery (kg)
93SDCB01	On Bottom Off Bottom	10/07	22:18:05 22:57:15	9° 33. 462' S 9° 34. 050' S	155° 59, 993' E 156° 00, 391' E	3, 852m 3, 768m	33
93SDCB02	On Bottom Off Bottom	10/08	02:23:25 02:57:10	9° 26. 722' S 9° 27. 277' S	156° 02. 184' E 156° 02. 509' E	2, 575m 2, 606m	0.112
93SDCB03	On Bottom Off Bottom	10/08	05:55:55 06:41:15	9° 27. 091' S 9° 27. 915' S	156° 06. 428' E 156° 06. 938' E	4, 652m 4, 632m	· · · -
93SDCB04	On Bottom Off Bottom	10/08	21:45:10 22:30:15	9° 15, 330' S 9° 15, 973' S	156° 13. 668' E 156° 14. 394' E	4, 214m 4, 172m	0.097
93SDCB05	On Bottom Off Bottom	10/09	01:56:20 02:41:20	9° 12. 318' S 9° 13. 275' S	156° 18, 521' E 156° 19, 366' E	3, 726m 3, 589m	127
93SDCB06	On Bottom Off Bottom	10/09	05:52:20 06:40:05	9° 15. 229' S 9° 15. 789' S	156° 25. 954' E 156° 26. 807' E	3, 851m 3, 560m	0.059
93SDCB07	On Bottom Off Bottom	10/09	21:19:10 22:08:10	8° 59. 781' S 9° 00. 269' S	156° 12, 389' E 156° 12, 704' K	2, 388m 2, 478m	127
93SDCB08	On Bottom Off Bottom	10/10	01:30:45 12:17:00	8° 54. 932' S 8° 55. 717' S	156° 29. 040' E 156° 29. 529' E	2, 755m 2, 004m	1.2
93SDCB09	On Bottom Off Bottom	10/10	05:48:30 06:32:50	8° 41. 456' S 8° 42. 123' S	156° 42. 694' E 156° 43. 145' E	2,048m 1,914m	48
93SDPG01	On Bottom	10/10	22:30:25	8° 50. 419' S	157° 09. 426' E	618m	900
93SDPG02	On Bottom	10/11	01:45:05	8° 45. 449' S	157° 03. 066' E	764m	500
93SDPG03	On Bottom	10/11	04:39:50	8° 44. 880' S	157° 01. 557' B	879m	600
93SDPG04	On Bottom	10/11	07:16:25	8° 44. 221' S	157° 00. 589' E	707m	1,100
93SDCB10	On Bottom Off Bottom	10/11	21:25:55 22:05:30	8° 42. 831' S 8° 43. 205' S	157° 00. 547' E 157° 00. 742' E	1, 466m 1, 099m	200
93SDCB11	On Bottom Off Bottom	10/11	23:23:35 23:55:50	8° 44. 185' S 8° 44. 664' S	157° 00. 434' E 157° 00. 687' E	770m 635m	154
93SDCB12	On Bottom Off Bottom	10/12	02:04:05 02:49:45	8° 47. 934' S 8° 48. 472' S	157° 05. 948' E 157° 06. 244' E	2, 691m 2, 632m	0.16

Note:Date and Time the represent GMT.

Latitude and Longitude are GPS vessel position and Depth by NBS.

Appendix Table 3 List of Sampling Sediments (1)

Description	containing much foraminifera containing much foraminifera remakable structure of bioturbation remakable structure of bioturbation containing much foraminifera	keeping much water containing much foraminifera containing much foraminifera	keeping much compact compact compact Feenkable str compact compact	keeping much water	keeping auch waler	keeping much water keeping much foraminifera containing much foraminifera sand:calcareous foraminifera sand:calcareous foraminifera containing much foraminifera containing wuch foraminifera containing wuch foraminifera altered pumice diss. altered pumice diss. altered pumice diss. altered pumice diss.) keeping much water compact laminated bearing black fine sand
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2 0 2Appendix Table 3 List of Sampling Sediments (2)

nescription	keeping much water		bearing compact green clay				keeping much water containing much forzminifera	containing much foraminifera	containing much foraminifera containing much foraminifera containing much foraminifera	keeping much water	compact laminated	bearing light green clay							kceping much water	•	bearing green∼grey izyer hearing green∼grey izyer	keeping much water		bearing light green layer hearing grev layer	kceping much water		keeping much water	· .	keeping much water				
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Nunsell No. & Colour		10785/2 greyish brown clay 575/2 olive grey clay	576/2 light olive grcy clay	10YR5/3 10YR5/3	5Y5/2 olive grey 10V86/3 nale brown	5Y5/1 grey	107R6/3 pale brown clay 107R6/3 pale brown clay		5.345/411844 0114e 01041 Clay 576/3 pate olive clay 576/2 light olive grev clay		LOYR7/2 light grey clay		10/R5/4 yellowish brown clay invest/2 dark brown clay	2.5YR6/211ght brownish grey clay	<u> </u>	2.57R6/211ght brownish grey 107R4/2 dark greyish brown	5Y6/2 light olive grey	10YR6/3 pale brown clay 10YR6/3 pale brown clay	10YR6/4 light yellowish brown clay 10YR6/4 light vellowish hrown clav	/2 greyish brown	516/2 118at 011Ve Srey Clay 576/1 118ht grey clay 576/1 118ht grey clay	10VR6/3 pale prown	LOTKE/3 bale brown clay i LOTK5/3 brown clay i	5Y5/2 olive grey 5Y5/2 olive grey	10YR4/2 dark greyish brown clay	Diack IOYRS/3 brown black	2.5YR4/2dark yellowish brown	2. JAA/ ZABER 7110WISH DEDMIL CHAY 574/1 dark grey clay 1.576/1 142ht grey clay	clay	2.57R5/31ight olive brown clay 2.57R5/3iight olive brown clay	clay	5Y4/1 dark grey clay	clay
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2 D 2 Appendix Table 3 List of Sampling Sediments (3)

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Results of Chemical Analysis for Sampling Sediments (1) Appendix Table 4

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8	35 10	C C	10 11	11.01	5. [4	0.74	0 30	02.0	2 :	18.31	0, 03	3, 87	I. 15	0.24	20.43	100.39	12.4	016.0	01200	10000		20.0	2 2	5 92 71	2 9	4.0	- 40- - 40-	2 C 7	2.0	17	6	ß	112	50	668	2160	670	305	5	45.			0 2			
-0-	02 06	0 20		0 (0 (5, 93	0.37	0.15	22	1 10	32.62	0,03	1 2.82	0.71	0, 18	30.92	100.18																								45		a+ i ⊃` 4	< 0.5			
90-	25, 30	0.35	40.4	2 : 		0.42	0.17	5		20.01	0.05	2.99	I. 02	0.21	30.27	100.17	I					2 2 2																								
ង់	23.47	0.37	4	58	3.81	0.24	0.18		3	23.80	0.05	2.86	0.77	0.20	29.04	94.61	21.9	0.919				20.02	i u j o	0. T	5 7 7	۰ ۲	200	7	5	3 5	01	3	101	5	968	1375	160	460	- 15	45	c	3 i 5 i	< 0.5 <			
-04	17.50	0.26	С С V	5	6, 7	0.29	0.09	1 29.		8, 0,	0.04	5 33	0.56	0.14	33. 29	100.28	27.2	0.198	1000		v 1000	70 - CF	4	<u> </u>	2 u	0 e	200		- -	38	38	3	82	2 2	1075	692	680	395	t	3	c	# L 5 <				
	18.01	0.27	R R	36	60.7	0.42	0.15	2		30. (D	0.04	2.47	0.61	0.12	32.53	100.19						47.8																				4 t 5 c	<u> </u>		•	
05	18. 77	0.30	4	5 c	5.12	0.34	0.15	1 85	38	00.05	0, 04	22.5	0.61	0.15	32.23	100.10	23. I	0.237	0000	>1000	20 00 V	9 S		2.1	÷ -	4.1			5	# C	9	2	<u>ה</u>	15	1140	1165	860	410	съ	40	c	5 0	c 0 >			
Ţ,	17.18	0.25	ע ני	3 6	4. CD	0.00	0, 12	1 48		00. 44 0	0.03	2.43	0.52	0.12	33.21	100.73	26.3	0.198	0.080	10000	20 00 20 00	- 70 70 70 70	j o	2.5	3 -	o 5		4 - 5 c	; =	28	3 3	3 5	8	<u>م</u>	1000	965	680	245	G	40	ţ	+ L 5 c	∧ 			
	S102 (%)	Ti0 ₂ (%)	A10. (%)			Fed (%)	MnO. (%)	MeD (%)			520 (%)	Na ₂ O (%)	K20 (X)	P205 (%)	C%) 101	Total (%)	CO ₂ (%)	S0. (%)	(s) 5	(unu) - (Ao (nnm).	. (auu)	Ph (nim)	7n (nnm)	4e (nnm).	Un (nob)	(ndd) Sh Sh (non)		(mudy) no			(add) IN		KD (ppm)	Sr (ppa)	(ndd) rik	(add)	Ba (ppm)	(nqq) i.l	B (ppm)	(mm) II					

Results of Chemical Analysis for Sampling Sediments (2) Appendix Table 4

.

935RGC06 -06	33 33 36 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39	21.73 24.27 24.27 24.27 21.73	100.30	15, 5 0, 059 0, 059 0, 059 0, 0, 02 0, 0, 0 0, 0, 0, 0 0, 0, 0, 0 0, 0, 0, 0 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
933RGC06 - 05	28 0 36 1 36 1 36 1 36 1 36 1 36 1 36 1 36 1	2, 1, 2, 3, 2, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	100.52	19.0 0.035 0.057 0.067 0.067 0.085 48.4 48.4 48.4 46.5 50.2 14 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 0.1 1520 152
93SRGC06 -04	23.79 0.31 3.14 3.14	0.35 0.18 0.03 0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 28,0.03 29,00 20,000 20,0000 20,0000 20,000 20,000 20,000 20,000 20,000 20,000 20,0000 20,0000 20,0000 20,00000000	100.16	23.2 0.150 0.057 0.057 0.02 50.6 5.0 44 12 2.4 40 12 33 33 33 33 2.2 40 12 33 33 33 0.40 0.2 2.3 0.40 0.2 33 0.40 0.2 2.4 10000 00 0.2 2.4 7 0.0 2.5 0.0 0 0.0 57 0.0 2.0 0.0 0
935RGC06 1	31. 38 0. 39 3. 30 3. 30	0.17 0.17 2.05 2.03 2.03 2.03 2.03 2.03 2.03 2.03 2.03	100.34	16.6 0.132 0.052 0.052 0.052 0.135 0.2 0.1 0.1 1.5 0.1 0.1 1.5 0.1 1.5 1.5 0.1 1.5 0.1 1.5 0.1 2.8 1.5 0.1 3.0 0.1 2.8 1.5 1.5 0.0 2.8 0.0 2.8 0.0 2.5 1.5 5 0.0 2.5 0.0 2.5 1.5 5 0.0 2.5 1.5 5 0.0 2.5 1.5 5 0.0 2.5 1.5 5 0.0 2.5 1.5 5 0.0 2.5 1.5 5 0.0 2.5 1.5 5 0.0 2.5 5 5 0.0 2.5 5 5 0.0 2.5 5 5 0.2 2.5 5 5 0.0 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 5 0.2 2.5 5 5 5 0.2 2.5 5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 0.2 2.5 5 5 5 2.5 5 5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 2.
935RGC06 9	19.78 0.28 6.32 79	0.41 0.15 1.64 1.64 34.36 0.03 0.03 2.55 0.66 0.12 31.59	100.68	25.3 0.204 0.062 0.062 6.5 6.5 6.5 0.1 112 0.1 1120 12 12 12 12 12 12 12 12 12 12 12 0.4 0.4
933RGC06 9	24.20 0.35 3.52 3.52	0.61 0.16 0.16 0.03 0.03 3.40 0.79 0.79 29.73	100.89	19. 3 0. 327 0. 087 75. 6 75. 6 75. 6 9. 0 9. 0 15 15 15 15 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10
935RGC05 9 -07	33. 71 0. 40 10. 13 3. 31	0.97 0.09 2.26 0.05 0.05 3.38 3.38 3.38 3.38 2.289 2.289	100.23	14.1 0.222 0.075 0.022 59.0 7.5 59.0 7.5 53.0 10 10 15 51 15 51 15 51 15 51 15 51 15 51 15 51 15 51 16 0.4 50 0.4 50 0.4 50 0.02 53.0 0.02 53.0 0.02 53.0 53.0 53.0 55.0 0.02 53.0 55.0 55.0 55.0 0.02 55.0 55.0 55.0 55
93SRCC05 9	53.67 0.33 2.68 2.68	0.45 0.09 1.44 10.92 4.01 2.20 0.20 0.20 12.13	100.74	6.0 0.052 0.052 0.052 0.052 35.8 35.8 7.55 7.55 80 600 600 630 630 650 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6
935RGC05 91	39.96 0.44 11.70 3.80	1. 22 0. 10 16. 38 0. 10 0. 14 1. 47 1. 47 1. 0. 19 19. 0. 19	100.58	10. 4 0. 216 0. 072 0. 072 0. 072 0. 072 0. 04 0. 04 0. 1 10. 5 0. 1 120 120 14 120 14 120 120 14 120 120 120 120 120 120 120 120
93SRGC05 9	39.62 0.40 5.06	0.96 1.97 1.93 1.93 1.93 1.93 1.93 1.93 1.93 1.93	100. 53	10.5 10.5 0.186 0.069 0.069 0.069 0.02 5.5 5.5 5.5 10.4 11 11 11 11 12 26 50 10.5 10.69 29 20 10.69 20 20 20 20 20 20 20 20 20 20
935RGC05 91	36.20 0.48 11.55 5.08	0. 28 0. 28 0. 19 0. 19	100.43	11.4 11.4 0.189 0.071 76.2 76.2 8.5 8.5 8.5 6.6 6.6 6.6 6.2 120 120 120 133 505 510 510 6.5 50.02 133 50.02 133 50.02 120 0.1 120 0.1 120 0.1 120 0.1 120 0.1 120 0.1 120 0.1 120 0.1 120 0.1 120 0.2 120 0.2 120 0.2 120 0.2 120 120 120 120 120 120 120 12
935RGC05 9	30.30 0.42 9.96 4.06	0.82 0.17 0.17 0.04 0.17 2.1.03 2.1.03 2.1.13 2.1.13 2.1.13 2.1.13 2.1.13 2.1.13 2.1.13 2.1.13 2.1.13 2.13 2	100.69	15.4 15.4 0.078 0.078 0.078 0.078 83.0 12
935R0C05 92	34. I0 0. 43 10. 62 4. 20	0.82 0.18 20.35 0.04 1.13 20.35 20.35 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.05 20.0	100.67	12.5 0.282 0.091 0.091 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.
R0C04	25. 90 0. 42 8. 36 3. 90	0.65 0.16 27.79 27.84 0.05 84 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.88 27.89 27.99	101.18	19.6 0.189.6 0.077 0.000 4.8 0.1 14 14 14 14 14 14 14 14 14 14 14 14 14
935RGC04 93SI -06		1. 38 0. 14 18, 37 18, 37 1, 13 20, 17 22, 11 22, 11	101.24	11.8 0.077 0.077 0.077 0.04 67.6 67.6 67.6 67.6 14.0 10000 23 23 23 23 23 23 23 23 23 23 23 23 23
93SRGC04 93	22.53 0.38 7.28 3.23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	101.01	21.6 0.784 0.0784 0.0784 144.8 144.8 144.8 0.1 15 16 16 16 16 16 16 16 16 16 16 16 16 16
935R0C04 93 -04	25.18 0.41 8.00 4.00	0, 55 0, 55 28, 57 28, 71 28, 71 28, 71 28, 71 29, 70 50 29, 70 50 20 50 50 50 50 50 50 50 50 50 50 50 50 50	101.68	0.261 0.068 0.068 0.068 0.068 0.02 0.02 0.1 10.5 0.1 118 118 118 118 118 118 118 1
935RGC04 93 -03	24.90 0.46 9.61 5.84	0.13 24.45 24.42 2.4.42 2.4.42 2.6.61 2.0.35 2.0.15 2.6.61	100.24	0.264 0.264 0.079 0.079 0.028 0.02 0.266 0.02 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5
93SR6C04 93	18.60 0.37 7.59 4.40	0. 43 2. 19 31. 03 31. 87 31. 87 31. 87 31. 87	100.62	22.1 23.6 0.0608 22.1 11.0 23.6 0.1 11.0 23.6 53 0.1 16 16 16 16 16 16 16 16 16 16 16 16 16
93SRGC04 93 -01	23.67 0.42 8.19 4.43	27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	100.53	18.9 19.000 19.000 19.000 19.00 19.00 19.00 19.00 19.00 19.1 19.00 10.00 19.00 10.000 10.000 10.000 10.00000000
935RGC03 93	32.00 0.50 4.56	1. 12 0. 11 2. 33 3. 03 2. 23 2. 24 2. 24	100.96	0.219 0.219 0.070 0.020 0.219 0.219 0.219 0.219 0.20 0.14.5 1.4 0.2 0.2 1.6 1.4 1.4 1.4 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6
Sample No. 95	5102 (%) 1102 (%) 11203 (%) 1223 (%)	Fe0 (%) Mn0 (%) Mg0 (%) Rao (%) Na20 (%) F20, (%) F20, (%) L01 (%)	Total (%)	CO2 (C2 (X) SO3, (X) SO3, (X) Ag (DPm) Ag (DPm) CU (PPm) Ag (DPm) Ag (DPm) Ag (DPm) CC (DPm) CC (DPm) CC (DPm) CC (DPm) CC (DPm) Ag (DPm) Ag (DPm) Ag (DPm) CC (DPm)

Results of Chemical Analysis for Sampling Sediments (3) Appendix Table 4

		_					<u> </u>					· · · · ·	•••••		~~																
36.95 10.96 10.96	4 0 0 6 53 6		18.11 0.06	3. 52	1.37	0. 27 20. 66	99.98	11.9	0.318	0.063	>10000	<0.02	70.6	9	89	5.4	170	0.2	1.0 >	81		3.	211	C 6	2020	102	230	16	40	0.6	< 0.5
30. 77 9. 21 9. 21	8 19 9 7 1 8	0. 10 2. 13	23. 61 0. 04	3.26	1.10	0. 19 25. 20	100.27	16.5	0.312	0.075	>10000	<0.02	78.8	7.0	99	5.2	8	< 0.2	0.1	នេះ	88	0,7	011	2 7	1900	880	475	14	ę	0.6	< 0.5
39, 16 0, 35 10, 72	0.71	6 10 5 08	17.47 0.05	4.26	1.60	0. 19 20. 77	100.99	11.2	0.365	0, 103	>10000-	0.06	65, 6	6.0	80	ധ ന്	100	0.4	-7-	21	0.2	53	40 T	202	1050	1001	240	17	\$	1.4	< 0.5
35.95 0.41 0.99	2 2 2 2 2 2 2 2	21 08 15 15	19.91	3.26	1.15	0.24	99.97	12.4	0.174	0.065	>10000	0.06	<u> 98. 2</u>	с С	67	3.0	8	< 0.2	< 0.1	σ	3.6	3	171	1 202	282	680	435	5	ŝ	0.6	< 0.5
36. 17 0. 40 10. 66	3.21	5 3i 5 3i	20.15 0.05	3.53	1.26	0.23 21.27	100.51	13.6	0.135	0.089	>10000	0.02	54, 8	1.0	49	9.6	8	< 0.2	< 0.1 <	r- e	33	7 2	5 5 7		ם מוז מוז	e ce	482 482	16	នេ	0.6	
38.93 0.40 11.06	22.7	c. 37	18.44 0.05	3.52	88	0.25	100.45	11.6	0.186	0.058	>10000	0.04	52. 2	6.5	30	2.0	10	< 0 2	< 0.1	×0 :	4 8	2.0	9	215	0 - 1 2 - 2 2 - 2	920	490	81	45	0.6	0.5
43.45 0.43 12.19	3.21	2.39 2.39	15.20 0.05	3. 75	1.60	0. 27 16. 86	100. 77	8.4	0. 153	0.074	· >10000	0.08	67.4	6.5	20	3.8	130	< 0.2	0.1	21 f	R S	8 5	3 K	0 0 0 0 0	940 12 12	130	88	19	40	1.2	
47, 76 0. 42 12, 66	888 877	80 m 37 m	13.37 0.04	3.51	1.39	0.22	100.20	6,6	0.174	0.083	>100001<	0.08	50.2	4, S	41.	2.0	8	< 0.2	0.2	4	2.6	9	12	200	e rr	620	400	2	55	2 2 2	0 0
44. 33 0. 46 13. 13	4, 20 1 16	3. L1 3. L1	14.44 0.04	3.40	1.32	0.28	100.56	7.8	0.012	0.057	>10000	0.02	60.2	ى. 0	48	ы 8	02	< 0.2	< 0.1	9 1	6 5	10	061	2	1030	170	105	13	ន	0.8	0.5
43. 15 0. 44 12. 78	3. 79 1. 47	3 E	15. 18 0. 04	3, 39	1.27	15.00	100.07	8.3	0. 111	0, 054	00001<	¢0. 02	64.0	5.0	51	3.8	20	< 0.2	< 0.1	14	28	y i	28		1315	780	360	12:	30	0,6	2.0
41. 75 0. 43 12. 20	4. 04 - 03	3.00	16.01 0.04	3.34	1. 29	0. 24	99.79	9.3	0.075	0.060	>10000	<0.02	70.0	6.0	54	4.0	09	< 0.2	< 0.1	38	88	3 8	រ្ម៍ ទ	203	020	810	345	ន	8	0.6	< 0.5
50.51 0.46 13.81	1. 78	n 14 138	0.03	3.21	1.34	9.36 9.36	99.64	4.3	0, 009	0. 052	9800	<0.02	36.4	8.0	39	3.2	110	< 0.2	- 0. 1	ប រូ	85	3 8	210	3 2	- 086	800	330	10	52	0.8	0.5
							100.14	16.3	0, 009	0.081	>10000	<0.02	66.8	7.5	60	30 73	9	< 0.2	0	옥 I	T, Ç	2 <u>2</u>	Ξ×	00.10	1615	680	405	16	33	0.6	< 0.5
32.55 0.47 10.78	4 0 4 6 8 8	2.37	27. 24 0. 04	3.20	0.99	u. 14 22.67	100.86	14.7	0. 111	0.071	>10000	<0.02 ·	75.6	9.0	67	4.0	40	< 0.2 <	0.1	16	6	6	3 <u>1</u>	с Ц	1585	680	405	11	40	0:0	< 0.5
40. 80 0. 63 1.3. 71	0. 54 1. 54	ດ <u>89</u> ວິດ	0.04	3.46	L 22	0. 22 14. 37	100.03	7.1	0.090	0.059	>10000	<0.02	82.0	3.0	88	4.2	4	< 0.2	< 0.1	32	3 ¥	2 S	3	540	1730	970	415	14	40	0.4	0.0 0
44.57 0.61 14.08	17 C	3.21	13. 44 0. 04	3. 38	1.40	11.87	99. 95 	ວ ທີ່	0.012	0.061	>10000	<0.02	72.2	6.5 0	33	80 (*)	40	~ 0.2 ~ 0.7	1.0	78	ዓ Է 	3 5	; ۲	33	1460	.870	375	2	35	9.0	< 0.5
39.53 0.52 12.49	- 0 - 6 8 8 6	5.66	0.04	3.38	- 21	15.68	100.31	9.7	0.009	0.048	>10000	<0.02	52.8	្រ លំ	48	5.0	40	21 - 	 1.0	3 3	58	3 <u>6</u>	8	29 S	1460	880	355	2	33	9 0	0.0
40.22 0.58 13.23	1 49	5.88	17.46 0.04	3.47	1.42	u 20 14, 13	100.06	80	0.015.	0.042	> 100001 <	<0.02	-69.8	ເນ ເນ	23	5.2	40	~ 0.2	0.1	a u	2 °) [<u>]</u>	5	348	1170	1070	345	0	40	0.4	< 0.5
39. 83 0. 49 12. 16	1.56	2.66	18.59 0.04	3.29	1.19	15.90 v	<u> 9</u> 6.96	10.1	0,015	0.057	>100001<	<0.02	57.6	8.0	20	2.4	40	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	1.1	₽ tz	5 8	147	20	798	1295	910	395	9	ĸ	0.4	< 0.5
43. 17 0. 47 12. 42	61 E	2.36	16.63 0.04	3.65	1. 33	v. 20 14. 73	99.94	64 6	0.012	0.043	>10000	<0.02	48.0	0. D	11	2.4	40		1.1	9 9	2 8	123	8	755	1205	920	385	2	33	0.4	< 0.5
21.57 0.27 6.73 2.60	0.54	1.67	33. J2 0. 03	5.74	50 C	29, 90	100. 18	23.9	0.081	0.070	>10000	<0.02	46.6	- n -	38	21	₽ ₽ •			25	57	8	من ا	1010	1265	- 019 -	295	Ŀ-	53	0 0	< 0.5
102 (%) 103 (%) 1203 (%)	999 999 999	3		[a20.(%)		. (%) 10	otal (%)	88	04 (X)	8	(Indd) [g (ppm)	(mqq) u	(Indd) 0	u (ppm).	s (ppm)	(odd) 8		(and) a	r (nnm)	(moo) i	(100)	(maa) q	r (oom)	(mdd) t	(ndd)	(nqq) a		(mdd)	(and d)	(mdd)
	(3) 21.57 43.17 38.83 40.22 39.53 44.57 40.80 32.55 31.57 50.51 41.75 43.45 38.93 36.17 36.96 39.16 30.77 36. (3) 0.27 0.47 0.49 0.58 0.52 0.61 0.63 0.47 0.43 0.44 0.42 0.42 0.41 0.35 0.27 0.41 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.37 0.36 0.37 0.36 0.37 0.37 0.36 0.37 0.36 0.37 0.36	(3) 21.57 43.15 44.33 44.57 40.80 32.55 31.57 50.51 41.75 43.15 43.45 38.93 36.17 36.6 39.16 30.77 36. (3) 0.27 0.47 0.46 0.45 0.46 0.45 0.47 0.46 0.47 0.46 0.47 0.36 39.16 30.77 36. (3) 0.27 0.47 0.46 0.45 0.46 0.43 0.46 0.47 0.46 0.47 0.36 0.37 0.37 0.36 39.16 30.77 36. (3) 0.27 0.49 0.58 0.52 0.61 0.63 0.47 0.46 0.43 0.46 0.47 0.36 10.77 30.77 36. (3) 0.27 0.49 0.58 0.52 0.61 0.63 0.47 0.46 0.47 0.46 0.47 0.40 0.41 0.36 42.7 42.1 10.77 32.1 10.77 36.1 10.77 36.1 10.77 36.1 10.77 32.1 3.16 4.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	(3) 21.57 43.15 44.57 40.80 32.55 31.57 50.51 41.75 43.15 44.33 47.76 43.45 38.93 36.17 36.96 39.16 30.77 36. (3) 0.27 0.47 0.46 0.45 0.47 0.46 0.47 0.46 0.47 0.36 0.37 0.36 0.31 0.36	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0.17 0.17 0.17 0.17 0.16 0.	00 0.17 0.48 0.48 0.48 0.49 0					

Results of Chemical Analysis for Sampling Sediments (4) 4 Appendix Table 935RGC12 -02 27, 00 27, 00 28, 00 28, 29 29, 00 29, 00 29, 00 29, 00 29, 00 29, 00 29, 00 29, 00 29, 00 20 88 <u>3</u>6 935R0C13 -01 66 ĝ 935RGC12 -05 5 83 935RGC12 -04 9 8 935R6C12 -03 8 8 935RGC12 -02 $\begin{array}{c} 31, 50\\ 0, 50\\ 0, 22, 2, 23\\ 0, 29\\ 22, 2, 28\\ 0, 29\\ 22, 26\\ 22, 20\\ 22, 25\\ 50\\ 22, 5$ 5 98. 935RGC12 -01 $\begin{array}{c} 29,17\\ 0,23\\ 20,23\\ 20,22\\ 20,$ 23 <u>6</u> 935RGC10 -06 5 80 935RGC10 505 0.2 0.5 33 g 935RGC10 -04 99. 93SRGC10 -03 23.8 0.050 23.8 2.0000 2.0000 2.0000 2.5 0.000 2.5 0.0000 0.000 0.00000 0.00000 0.00000 0.0000 0.000000 0.00000 0.0000 20.73 20.74 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.73 20.23 83 98. 935RGC10 -02 17.83 5.62 35.15 35.15 37.05 37.15 31.60 31.60 31.60 31.60 31.60 2 8 935RGC10 -01 88 935RGC09 -05 44.66 19.42 19.44 19.44 19.44 19.44 19.44 19.44 19.44 19.44 19.44 19.44 19.44 19.44 g 93SRCC09 -04 99. 935RGC09 -03 ő 11.5 0.213 0.066 0.066 58.02 58.02 58.02 58.02 58.02 58.02 58.02 58.02 58.02 58.02 58.02 58.02 53.02 54.02 53.02 54.02 53.02 53.02 54.02 53.02 54.02 53.02 54.02 55.02 55.02 56.02 56.02 56.02 57.02 5 935RGC09 -02 $\begin{array}{c} 38.56\\ 0.42\\ 3.51$ 5 ŝ 935RGC09 37, 80 11, 0, 40 14, 12 14, 0, 14 14, 0, 15 15, 15 16, 10, 10 16, 38. 935RGC08 --06 31.25 0.35 0.35 0.35 23,14 0.22 23,14 0.15 24,97 4,97 24 99 93SRGC08 -05 ġ. 935RGC08 -04 41.24 41.29 1.11 1.11 1.12 2.03 4.07 1.11 1.12 2.03 4.07 1.12 1.12 1.12 1.23 1.12 81 66 No. 888888888888888888 8 Sample ! Si02 Al 202 Fe205 Mn0 Mg0 Mg0 Mg0 Mg0 Kz0 F205 F205 L01 L01 TICELEBPESSERVECCCSSERVESCCSSCS

Results of Chemical Analysis for Sampling Sediments (5) Appendix Table 4

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935RGC18 -01	¹⁰ ¹⁰		0.0 0.0
935RGC16 -05	20032233233255 200325233255555 2003252335555555555	100.04	19.5 19.5 0.114 0.100 0.100 0.114 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
93SRGC16 -04	0.1-1-30 0.1-1-1-30 0.1-1-1-30 0.1-1-1-30 0.1-1-1-30 0.1-1-1-1-30 0.1-1-1-1-30 0.1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	100.70	14:0 0.054 0.069 0.069 0.08 0.02 0.0
93SRGC16 -03	0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	100.56	16.1 16.1 0.071 0.071 0.071 0.071 0.02 80.4 80.4 80.4 6.3 6.2 6.2 6.2 6.2 6.2 6.3 6.3 6.3 6.3 6.3 6.0 7.0 6.0 7.0 6.0 7.0 6.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7
93SRGC16 -02	0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	101.16	19:5 19:5 0.195 0.075 0.02
933RGC16 01	20033200023200023	100.59	17.8 0.090 0.090 0.090 0.02 73.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5
935RGC15 -06	2003052805749821 2003052805749821 2003052805749821	101.12	16.3 16.3 16.3 16.3 1.0000 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.05 0.04 0.05
93SRGC15	0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	100.35	16.1 16.1 16.1 16.1 10000 10.0 10.0 10.0
938RGC15 -04	33 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	100.39	2000 200 2000 2
935R6C15 -03	29 20 20 20 20 20 20 20 20 20 20 20 20 20	100.42	233 233 234 235 235 235 235 235 233 233 233
935RGC15	24.90 24.90 25.20.000 25.20.0000000000000000000000	20, 43 100, 11	18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1
93SRGC15	25 25 24 24 24 24 24 24 24 24 24 24 24 24 24	100.58	16.7 16.7 20106 20105 20106 202 8.5 60 8.5 60 13 13 13 13 13 13 13 13 13 13 13 13 13
93SRGC14 -03	0.0.0.40.0.2.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	100.41	<pre>14.1 14.1 14.1 14.1 0.294 0.078 80.8 80.8 80.8 80.8 80.8 80.8 80.</pre>
935RGC14 -02	20000000000000000000000000000000000000	100.48	<pre>17.7 17.7 0.273 0.080 0.080 0.02 72.6 6.0 6.0 72.6 6.0 72.6 6.0 72.6 6.0 72.6 6.0 72.6 6.0 72.6 1240 1240 1240 1240 1222 1240 1240 1222 1240 1240</pre>
93SRGC14	0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.86	2000 200 2000 2
935RGC13 -08	0.0 88 11 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	27. 00 100. 88	17.5 17.5 0.0692 0.098 44 4.5 4.5 4.5 4.5 0.1 120 0.1 13 322 835 835 835 845 0.1 120 0.1 125 125 0.1 125 0.0 125 125 125 125 125 125 125 125
93SRGC13	2000 - 100 -	100.31	258 258 258 20.025 20.025 20.025 20.025 4.5 4.5 4.5 4.5 4.5 4.5 5.0 2.9 2.9 2.9 2.5 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
935R6C13 -06	0.000000000000000000000000000000000000	100. 71	22.3 22.3 0.02 50.02 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.
93SRGC13	2, 4, 2, 3, 2, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	100.71	18.3 18.3 0.055 0.055 0.055 0.055 0.02 0.1 17 0.1 15 15 15 15 15 15 15 15 15 1
935RGC13 -04	200601122003333 20060112203033333	100.91	22.7 22.7 0.036 0.036 54.8 55.0
938RGC13		100. 75	20.3 20.3 20.3 20.3 20.3 20.3 20.3 20.0
Sample No.	2102 2102 A 1:02 A 1:02 C (3) A 1:02 C (3) C (3)		CO.2 S.C.2.2 (%) S.C.2.2 (%) A.S. (%) A.S. (%) P.P. (%) P
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Appendix Table 4 Results of Chemical Analysis for Sampling Sediments (6)

87 H				M >
935R6C23 -04	42.26 14.14 14.14	2.53 2.53 1.15 2.53 2.53 2.53 2.53 2.53 2.53 2.53 2.5	- -	0.177 0.177 0.0171 0.000 0.02 0.0200 0.0200 0.0200000000
935RGC23 -03	46. 15 0. 57 15. 37 ≜ 1≜	4, 14 2, 76 0, 26 0, 03 0, 03 0, 15 9, 81 9, 81	100.01	222 240 257 260 271 271 271 271 271 271 271 271
93SRCC23 -02	47, 53 0,64 14,92 5,29	10.01.300 10.01.300.86 10.01.34 10.01.3	100, 00	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
935RGC23 -01	45.89 0.60 14.92	10.114 10.114 10.118 10	99. 70	0. 279 0. 279 0. 279 0. 000 79. 2 66 66 66 66 66 66 61 11 1610 910 910 910 910 910 910 910 910 910 9
935RGC20 -10	47.20 0.72 15.21	9.9.2.3 9.9.2.4 9.9.2.4 9.9.2.4 9.9.3 9.9.3 9.9.3 9.9.3 9.9.3 9.9.3 9.9.3 9.9.3 9.9.3 9.9.3 9.9.3 9.9.3 9.9.3 9.9.40 9.9.400 9.9.40000000000	101.00	3.6 3.6 0.144 0.063 2.0000 6.5 65 65 65 65 1.8 1.8 1.8 1.8 1.8 50 1.1 207 207 207 207 207 207 207 207 207 207
935RGC20 -09	47. 61 0. 70 15. 78	9.50 2.85 0.14 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72	99. 77	2.6 0.141 0.054 9.0054 9.0054 9.500 3.0 3.0 3.0 3.0 3.0 1.6 1.6 1.6 1.6 1.6 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3
935RGC20 -08	47, 80 0. 67 16. 24		99.82	0.024 0.024 0.024 0.024 0.024 0.02 0.02
935R6C20 -07	46.00 0.66 15.72	8 0 1 3 0 5 7 5 8 0 5 8	99, 48	2. 0.12 0. 0.12 0. 0.12 0. 0.13 0. 0.13 0. 0.2 0. 0.2 0. 1 0. 1 0. 2 0. 1 0. 2 0. 2 0. 1 0. 2 0. 2
935RCC20 -06	45.90 0.66 15.65	9.0.1.3.0.2.1.3 9.0.1.3.0.2.1.3 0.2.4.7.8 0.2.9.7 0.2.9.7 0.2.9 0.2.9 0.2.9 0.2.9 0.2.10 0.2.10000000000	99.72	3.7 9.045 9.045 9.045 9.0000 79.0 79.0 79.0 7.0 7.0 7.4 8.0 7.4 8.0 19 25 25 25 25 25 25 25 25 25 25
935R6C20 -05	44. 77 0. 66 15. 06	2.56 2.56 2.56 2.56 2.56 2.56 2.56 2.56	99, 88	4.4 4.4 0.046 0.046 0.046 1115.5 4.0 70 70 70 70 70 70 13.5 13.5 13.5 13.5 13.5 13.5 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2
935RGC20 -04	44.08 0.61 14.94	500-536 500-536 880-366 800-366 800-300-366 800-3600 800-3600 800-3600 800-360	99. 39	5.0 0.045 0.051 0.051 0.005 57 57 57 57 57 57 57 57 57 57 57 57 57
935RGC20 -03	44.57 0.56 14,83 4.28	2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2	99.80	5.3 0.123 0.054 7.2 0.054 7.2 8.5 8.5 8.5 7.3 20 21 20 21 21 225 219 210 20 210 20 210 20 210 20 210 20 20 210 20 20 20 20 20 20 20 20 20 20 20 20 20
935R0C20	42.35 0.63 13.74	12.00 12.00 12.00 12.00 12.00 12.00 10.000	99.04	6. 0 0. 207 0. 207 0. 074 0. 074 0. 020 0. 02 0. 1 0. 0 0. 02 0. 1 0. 02 0. 1 0. 02 0. 1 0.
935RGC20 -01	42.61 0.62 13.63	4.90 2.00 2.00 2.00 4.13 4.13 4.13 1.33 1.20 1.33 1.20 1.33 1.70	99.82	5.5 0.261 0.261 0.081 0.081 0.02 0.4 5.5 5.5 5.5 5.5 5.1 15 15 15 15 15 12 12 12 12 12 12 12 12 12 265 51 12 35 51 12 35 51 12 35 51 12 35 51 12 35 51 12 35 51 12 51 51 51 51 51 51 51 51 51 51 51 51 51
935RGC19 	62.40 0.31 14.02	9. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	100.84	0.0.02 0.0000 0.00000 0.0000 0.0000 0.000
933RGC19 -03	39.62 0.59 13.16	4. 80 1. 70 0. 10 0. 03 0. 03 1. 42 1. 42 1. 42 1. 05	99. 34	 0.132 0.0053 0.132 0.023 1.0000 1.0000 1.0000 1.0000 1.1000 1.1000<!--</td-->
93SRGC19 -02	39.01 0.53 12.48	4.5 1.45 1.45 1.45 1.45 1.45 1.45 1.45 1	66, 96	0.129 0.129 0.129 0.050 0.129 0.060 0.129 0.0200 0.0200 0.0200000000
935RGC19 -01	41.35 0.54 13.30	4 	100.53	0.075 0.022 0.
935RGC18 -04	53.73 0.58 16.94	221 221 221 221 221 221 221 221 221 221	99.22	0.048 0.033 0.028 0.033 0.028 0.
935RGC18 -03	50, 17 0, 63 15, 69	4 % 0 4 9 9 6 % 0 6 4 5 7 9 9 8 8 8 8 8 8 9 9 7 9 4 7 9 9 8 8 8 9 9 1 1 5 8 8 7 9 9 1 1 5 8 8 9 9 9 1 1 5 8 8 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100.32	0.000 0.0000 0.00000 0.00000 0.0000 0.0000 0.0000 0.00
935R6C18 -02	54, 93 0, 66 15, 90	4 6 6 6 6 6 7 6 7 8 8 8 8 1 8 8 8 6 7 8 8 8 8 1 8 8 8 8 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	99.29	0.156 0.156 0.156 0.156 0.156 0.4 0.4 0.5 0.4 0.5 0.2 17 0.5 29.4 29.4 29.4 23.4 29.4 23.4 20.2 17 29.4 20.2 17 20.2 17 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.
Sample No.	5025 5025 5025 5025 5025 5025 5025 5025	Fe-Us (%) Maio (%) Maio (%) Maio (%) Bao (%) Nazo (%) Kz 0 (%) Lol (%)	fotal (%)	CO ₂ (%) SO ₄ (%) CL (00m) CL (00m) CL (00m) CL (00m) CL (00m) CL (00m) CC (00m) CC (00m) CC (00m) CC (00m) NN (00m) NN (00m) NN (00m) NN (00m) NN (00m) SB (00m) SB (00m) CC (00m) SB (00m) S

Results of Chemical Analysis for Sampling Sediments (7) Appendix Table 4

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935RGC24 -05	44.00 0.67	14.27 5.79	212	0. 19 25	4. co. 11. 87	0.03	3, 80	2.00	0.36	11.01	100.46	5.7	0.054	0.049	>10000	0, 06	66.8	5.0	99 99 99 99	99	< 0.2	< 0.1	≌ [n đ	010 010	202	514	1165	1230	300	ឌ	2,5	0 0
935RGC26 9	16.61 C.64	5.26	535	0.15	10.35 21.03	0.02	3.71	2.00	0.30	8. 73	100.21	2.3	0.063	0.055	6100	(0, 02	84.8	4.5	з с г	2	¢ 0.2	10,1	ខ្ល	38	204	; C	498	1030	1090	200	α g	ру с	1 0 0 0
											·																						
93SRG	48.25		·	с и 					0.	с і	98.03		0.0	0.0	510	<i></i>	<u>5</u>	_	· ·		0 V	~		-	~	5	4	32	õ			` c ``	0.5
935RGC26	48.57 0.64	15. 76 4. 17	4.13	0.27 5.76	10.65	0.02	3.12	1. 13	0.22	3. 13	97.56	I. 0	0.024	0.033	5900	<0. 02	44.8	1.5	8 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 03	< 0.2	< 0.1	12,	170	280	39	442	1900	840	140	ເດ ເ		2 N V
935RGC26 -01	40.72 0.63	5 53 53 53	1.94	0.48	3 82 	0.03	3.31	1.06	0:24	12.72	99. 11	6.8	0, 063	0.053	>10000.	<0.02	85. 6	4.0	B 6	2	< 0.2	< 0.1	នេះ	đ 🖥	310	3 12	567	3390	940	280	= 8	g e	0 0
ISRGC24 -06	45.58 0.79	6.03 07	2.75	0.14	6.85	0.06	3. 58	L 21	0.19	10.40	97.39	1.8	0.108	0.063	>10000	<0.02	111.0	10.5	n v	120	< 0.2	< 0.1	89	91 18	519	50	000	1005	810	545	ស្ត	24 C	0.2
93SRGC24 95 -05	36.85 0.56	12.09 4.41	1.80	0.16		0.05	3.34	1. 01	0, 16	17.55	99, 15 _.	IO. 3	0.114		10000>	<0.02	61.2	0 20 20	2 8	8	< 0.2	< 0.1	22	53	4 <u>1</u>	2 112	670	1095	780	430	91	N C	0 0 0
935R6C24 93	38. 81 0. 66	4,62	2.37	0.13	4.03	0.05	3.20	i. 08	0.10	6.40	98.00							_~~													· ·		5 0 1
93SR6C24 93	38. 15 0. 61							••••••••••••••••••••••••••••••••••••••			98.05						÷																+ 10 5 0
93SR6C24 93S -02	36.98 0.58 0.58										98.18 9																						< 0.5
				i																					:							1	
935RGC24 -01	36.60 0.64	12 Zi 5 41 Zi	1.41	3 6 7	16.03	0.04	3.46	0.95	30.0	18. 15	99.46	9.1	0.306	0.078	>10000	<0.02	3 83 8 68 9 6	ے ہے۔ ا	1. 1. 1. 1.	60	0.4	0.1	53 1	- 6	561	10	604	3820	850	380	18	30	0.5
935R6C23 -06	45.91 0.65	5 54 5 54	2.47	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8.20	0, 02	4.08	1, 66	0.28	IU. 40	99. 11	3.2	0.213	0.075	>10000	0.0	130.5	31	1 8 1	8	< 0.2	, 0 , 1 , 0	12	1.00	210	3	549	1155	1460	240	<u>9</u> 9	- 4 - 4 - 7	, 0.5 ~
935RGC23 -05	43.26 0.61	12. 22 25. 25 25. 25	2.33	0.17	11.50	0.06	3, 93	1.36	0.15	14. 93	9 9. 54	5.2	0.321	0.090	>10000	0.06	3 3 3 3 3 3	2	2 8	110	0.2	0.1	23 13	3 2	180	8	492	1160	870	230	2 2	3 <u>~</u>	 0.5
Sample No. 9	Si0 ₂ (%) Ti0 ₂ (%)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	88								Total(%)	8	8	8	(ndd)	(indd)	(mdd)		(moa)	(dgd)	(mqq)	(add)	(indd)		(回00)		(mdd)	(IIIdd)	(mdd)	(mdd)	i (mdd)		(mdd)
Sam	7iC	F P F	FeO	Mer M	Ca(Bat	Na:	K2(3	Tol	02	ŝ	S	5	E E	37	21	W AS	얥	ŝ	3	3 2	5 Z		3	રુ	Æ	<u>a</u> ,	Ra Ra	5.	. =	

Appendix Table 5

Sea-water Sound Velocity Using MBES

Water depth (m)	Sound velocity (ms ⁻¹)
10.0	1,536.5
15.0	1,536.7
20.0	1,536.8
30.0	1,536.7
50.0	1,536.9
100.0	1,532.4
150.0	1,523.9
200.0	1,510.9
300.0	1,497.9
515.0	1,488.2
710.0	1,484.6
800.0	1, 484. 4
900.0	1,484.2
1,000.0	1,484.2
1,500.0	1,486.4
2,000.0	1, 491. 4
2,500.0	1,499.0
3,000.0	1,507.3
4,000.0	1, 525. 2
4,424.0	1,532.9

Measured value by CTD. (SBE Product). Date :1993.08.25. Position:Lat.8° 49.231'S, Long.155° 33.074'E

Appendix Table 6 Weather and Sea-state Data

W.D.		N	N N E	N E	E N E	E	E S E	S E	S S E	S	S S W	S W	W S W	₩	W N W	N W	N N W	Total
August %	1 0. 60					1 0.60	32 19. 05	56 33. 33	68 40, 47	10 5.95								168 100.00
September %		1 0. 16		2 0. 33			119 19. 83	366 61.02	86 14. 33	6 1.00						l 0. 15		600 100.00
October %	5 1.85		i 0.37		3 1, 11	3 _1.11	7 2. 59	214 79. 27	27 10.00	8 2.96							2 0, 74	270 100.00

Monthly Frequency Distribution of Wind Direction in 1993

Monthly Frequency Distribution of Wind Velocity in 1993

						: .							-			(W.V:	n/sec)
W.V Month	C A L M	l	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
Augus L %	1 0. 60			I 0.50	6 3. 57	22 . 13.09	25 14. 88	26 15.48	45 26. 78	32 19.05	10 5.95						i68 100
September %			:	9. 1. 50	5 0. 83	9 1.50	29 4. 83	61 10.17	82 13.67	98 16.34	150 25.00	94 15.67	38 6. 33	23 3. 83	2 0.33	· ·	500 100
October %	5 1.85		3 1.11	6 2. 22	3 1.11	5 1. 85	19 7.04	32 11.85	64 23.72	59 21.85	39 14.44	21 7. 78	11 4. 07	 0. 37	1 0. 37	1 0. 37	270 100

Monthly Frequency Distribution of Weather in 1993

Ncather Konth	Fine	Cloudy	Rain	Total	Light rain
August	6	1		7	l
%	85. 71	14. 29		100	14.29
September.	8	15	2	25	9
%	32.00	69. 00	8. 00	100	36.00
October	7	4		. 11	3
%	63. 64	36.36		100	27. 27

Monthly Frequency Distribution of Atmospheric Pressure (daily average) in 1993

	deficient van het men								. *		•			· .	(A	P:hPa)
A.P Nonth	1005.0 ₹ 1005.9	1006.0 2 1006.9	_₹	1008.0 2 1008.9	2	1	2	<u>ک</u>	1	1014, 0 2 1014, 9	- : 2	1	1017.0 2 1017.9	10[8_0 2 10[8.9	Not Cicar	Tolai
August %						7 4. 17	20 .90	38 22. 62	49 29, 16	40 23. 81	13 7.74) 0.60				168 100.00
September %					4 0.67	37 6. 17	86 14.33	146 24. 33	147 24. 50	117 19.50	55 9.17	8 1. 33				600 100.00
October %						9 3.33	47 17.41	67 24. 81	82 30. 37	45 16.67	17 6.30	3 1. 11			:	270 100.00

S. D Vonth	N	N N E	N E	E N E	Б	E S E	S E	S S E	S	S S W	S W	W S W	w	W N W	N W	N N W	Not Ctear	Total
August %							20 11.90	73 43. 45									75 44.65	168 100
September %					1 0. 17		206 34. 34	107 17.83	5 0. 83								281 46, 83	600 100
October %							106 39. 26	45 16.67					anglip, pantan:				9 44.07	270 100

Monthly Frequency Distribution of Swell Direction in 1993

Monthly Frequency Distribution of Swell Cycle in 1993

											(S.C	:sec)
S.C Vonth	2	3	4	5	6	7	8	. 9	10	11	Not Cicar	Total
August %						42 25, 00	28 16.67	11 6,55	12 7. 14		75 44. 64	168 100
September %						52 1033	229 38, 17	13 2.17	15 2. 50	<u> </u>	281 46. 83	600 100
October %	<u> </u>						151 55. 93			del altera tinfañ alfaren h	119 44. 07	270 100

Monthly Frequency Distribution of Swell Height in 1993

S. H Month	1	2	3	1	5	6	7	Not Clear	Total
August %		68 40.48	25 14.88					75 41.61	168 100
September %		114 19.01	152 25.33	51 8,50	2 0.33			281 46. 83	600 100
October %	[3 4.81	56 24. 44	46 17.01	25 9.63				119 44.08	270 100

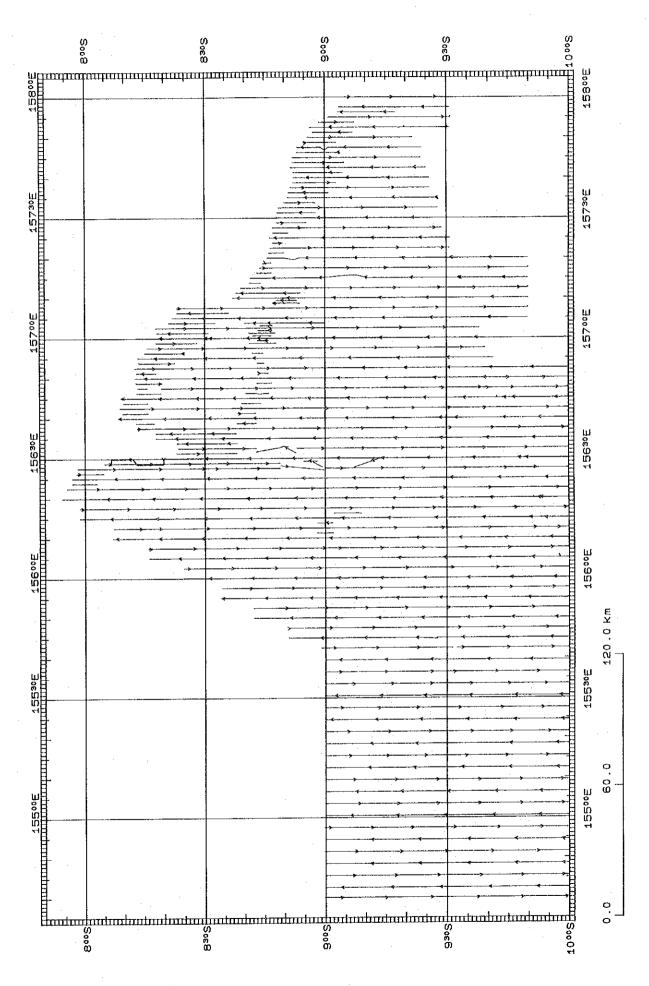
Monthly Frequency Distribution of Degree of Cloudiness in 1993

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D.C. Month	1	2	3	4	5	6	7	8	9	Nol Clear	Total
August %	4 2. 38	8 4. 76	42 25. 00	50 29. 76	28 16.67	18 10, 71	7 4. [7	7 4. 17		4 2.38	168 100
Scotember %		15 2.50	50 8.33	62 10. 33	93 15, 50	88 14.67	73 12.17	219 36.50			600 100
October %	1 0. 37	13 4.81	36 13.33	47 17.41	52 22.96	33 12.22	28 10.37	48 17.78		2 0.75	270 100

[List of Annexed Figures]

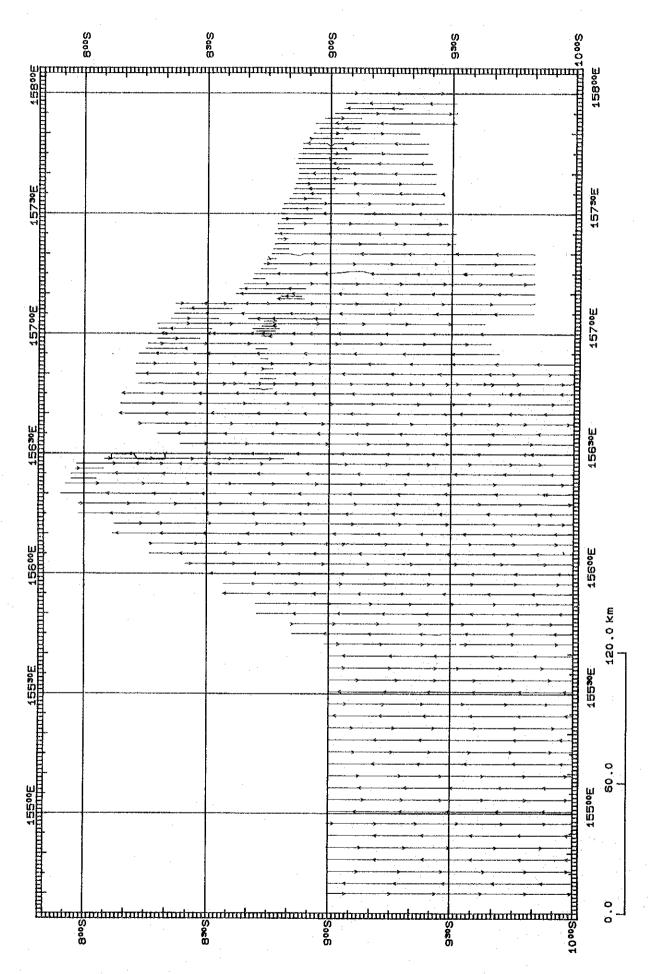
Annexed Figure 1-1	MBES Track Line Map
Annexed Figure 1-2	PGM Track Line Map
Annexed Figure 2	Bathymetric Map
Annexed Figure 3	Location Map of FDC Line (1) \sim (9)
Annexed Figure 4	FDC Route Map (1) ~ (9)
Annexed Figure 5-1	Location Map of Sampling Stations (CB, FPG)
Annexed Figure 5-2	Location Map of Sampling Stations



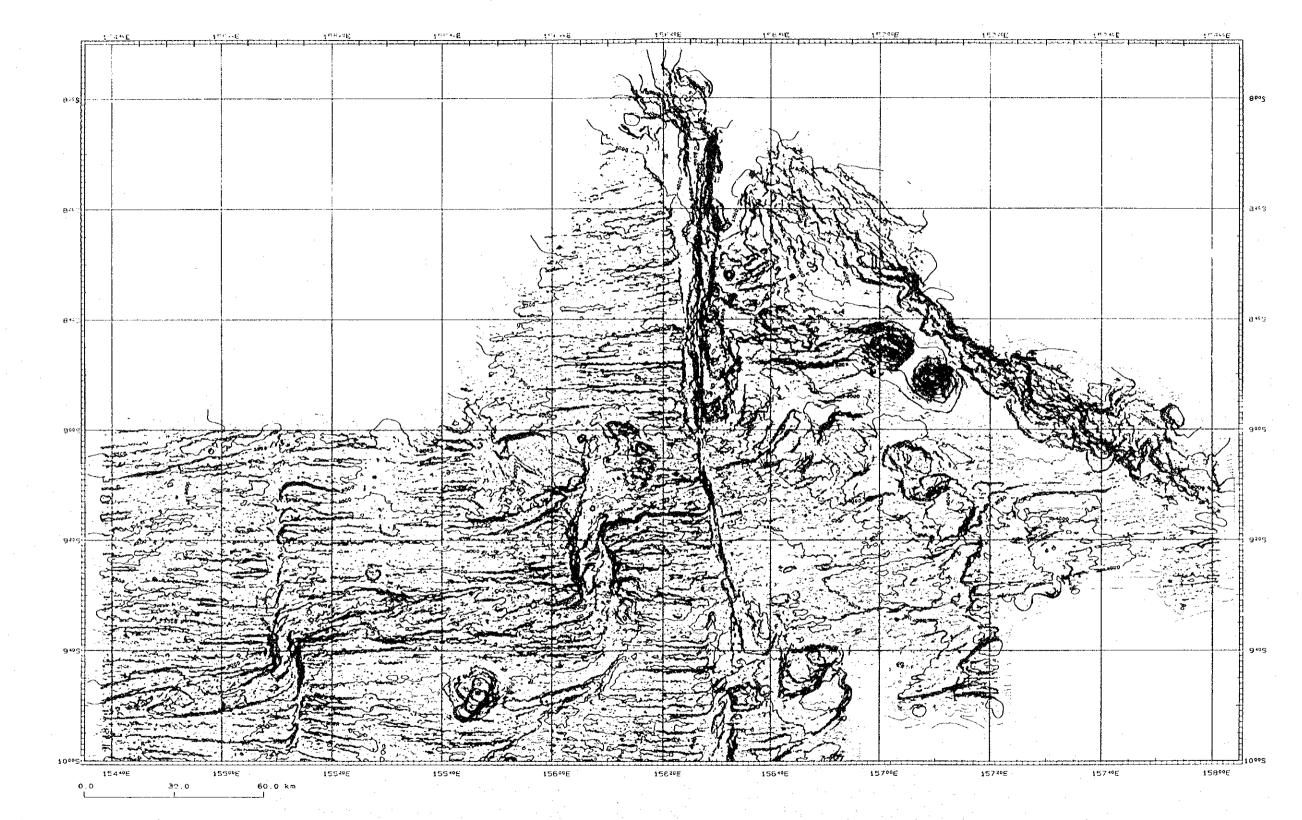
MBES Track Line Map Annexed Figure 1-1

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Annexed Figure 1-2 PGM Track Line Map

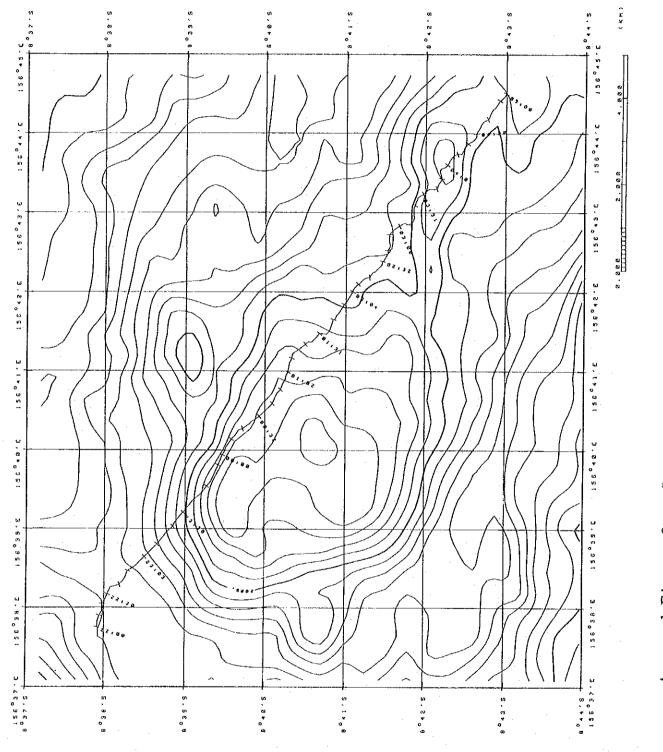


Bathymetric map of area 1+2 based on MBES. MBES data are gridded at an about 0.5-km spacing. Contour interval is 50m.

Annexed Figure 2

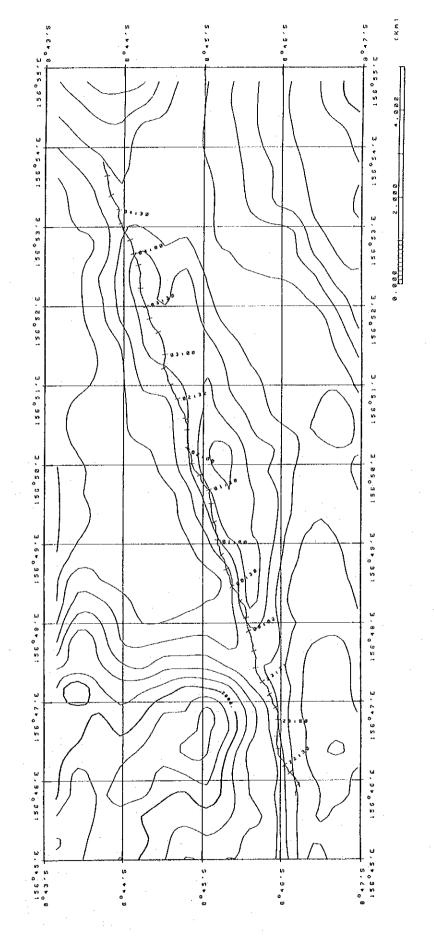
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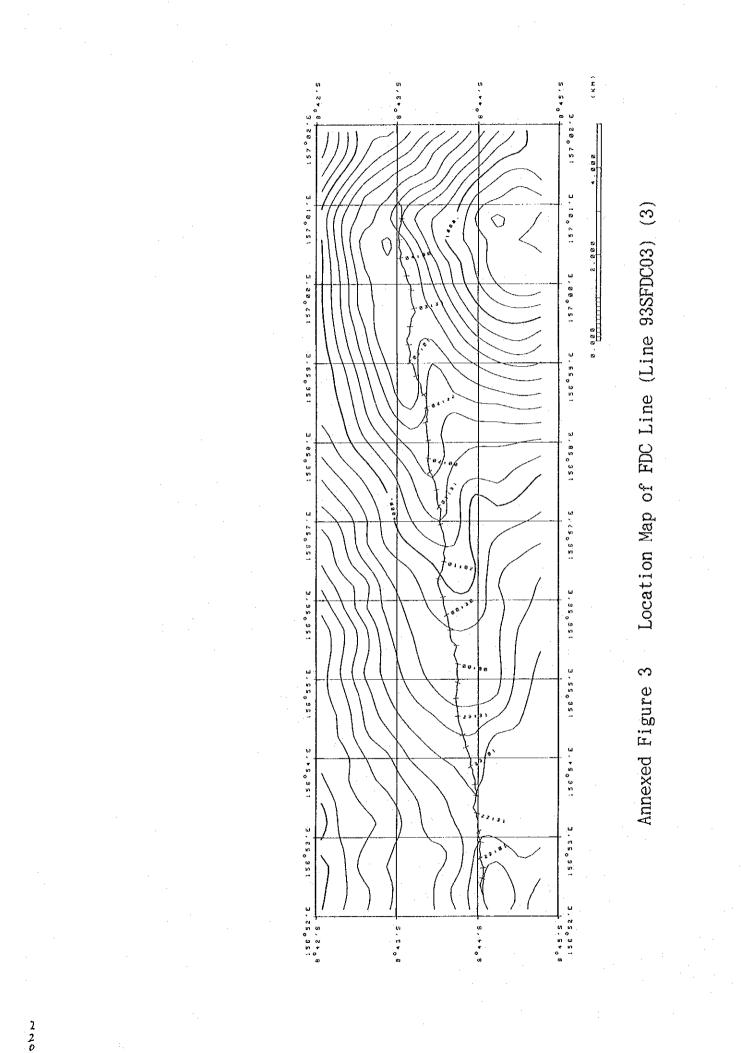


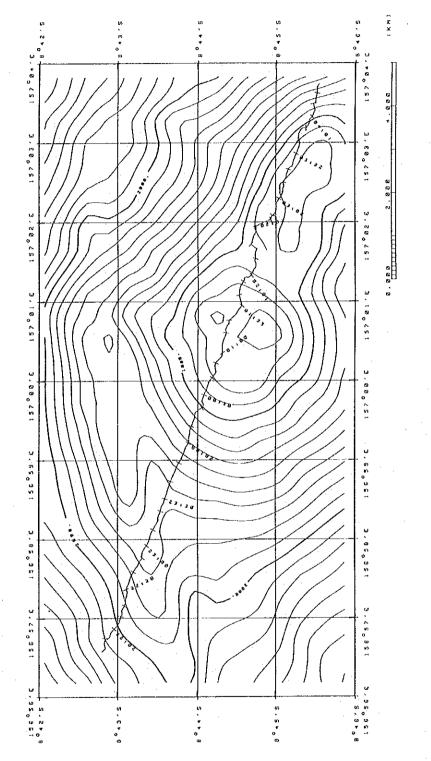
210

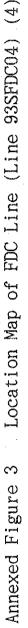
Location Map of FDC Line (Line 93SFDC01) (1) Annexed Figure 3

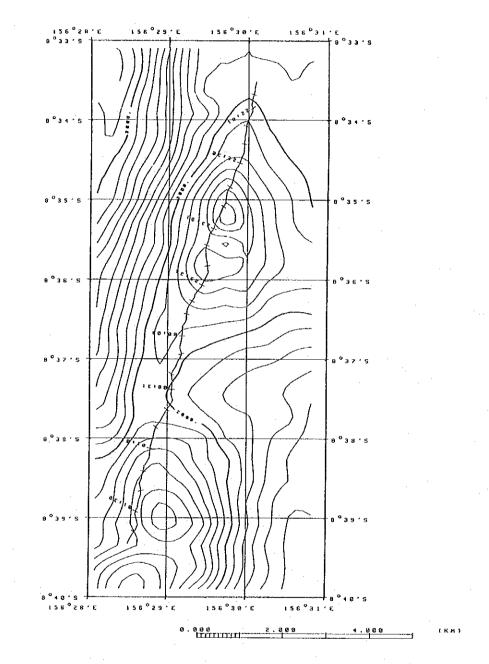


Location Map of FDC Line (Line 93SFDC02) (2) Annexed Figure 3





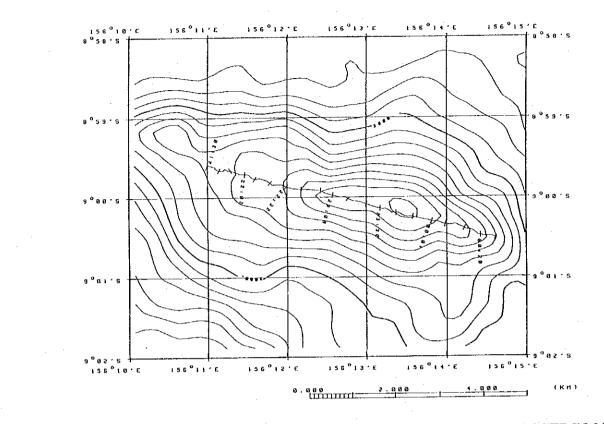




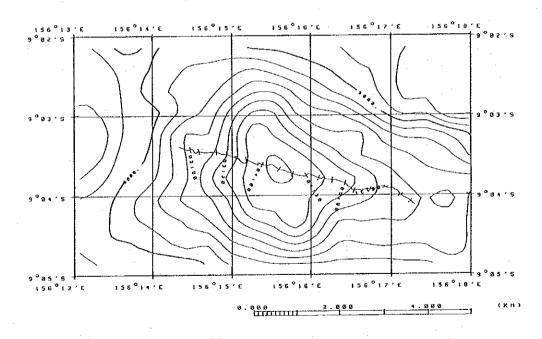
Annexed Figure 3

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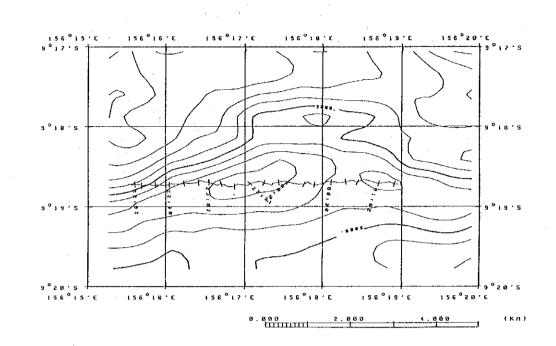
Location Map of FDC Line (Line 93SFDC05) (5)



Annexed Figure 3 Location Map of FDC Line (Line 93SFDC06) (6)

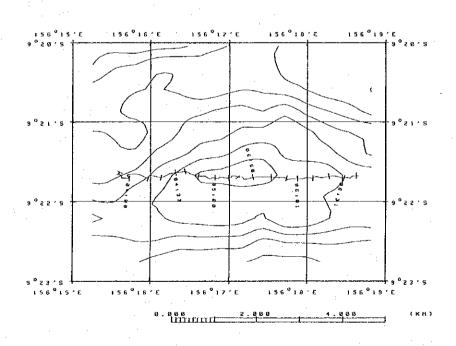


Annexed Figure 3 Location Map of FDC Line (Line 93SFDC07) (7)



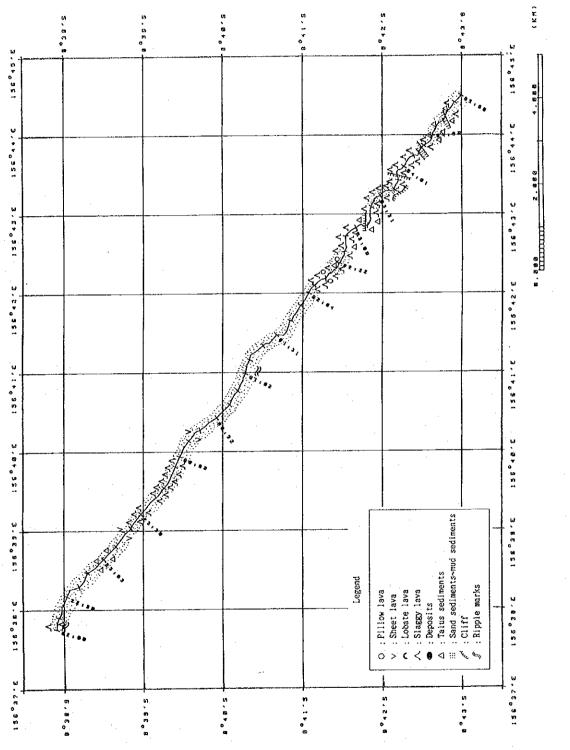
Annexed Figure 3

Location Map of FDC Line (Line 93SFDC08) (8)

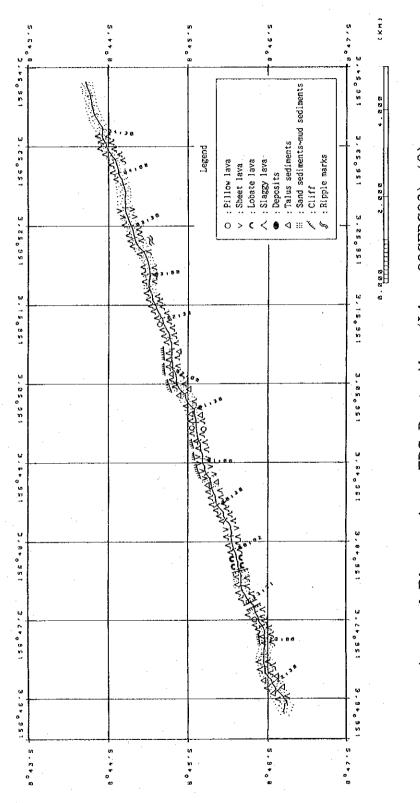


Annexed Figure 3

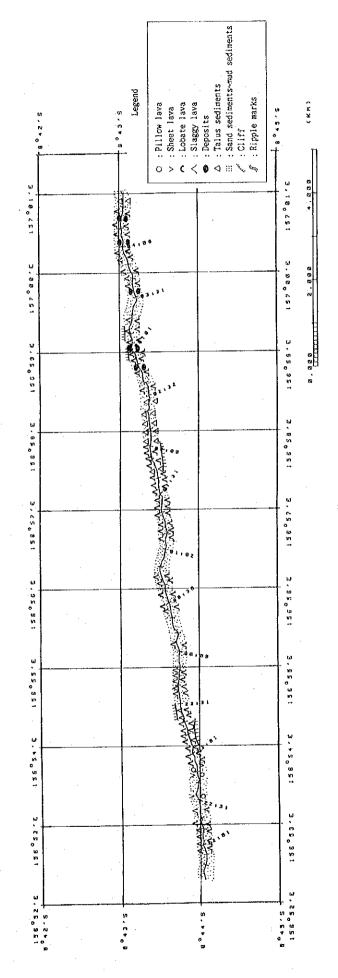
Location Map of FDC Line (Line 93SFDC09) (9)



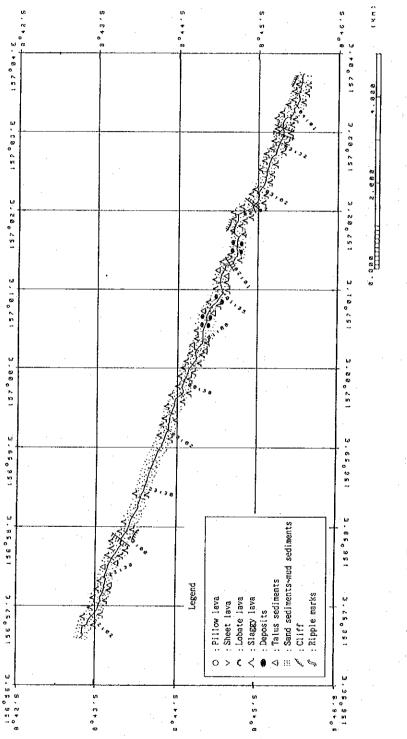
Annexed Figure 4 FDC Route Map (Line 93SFDC01) (1)



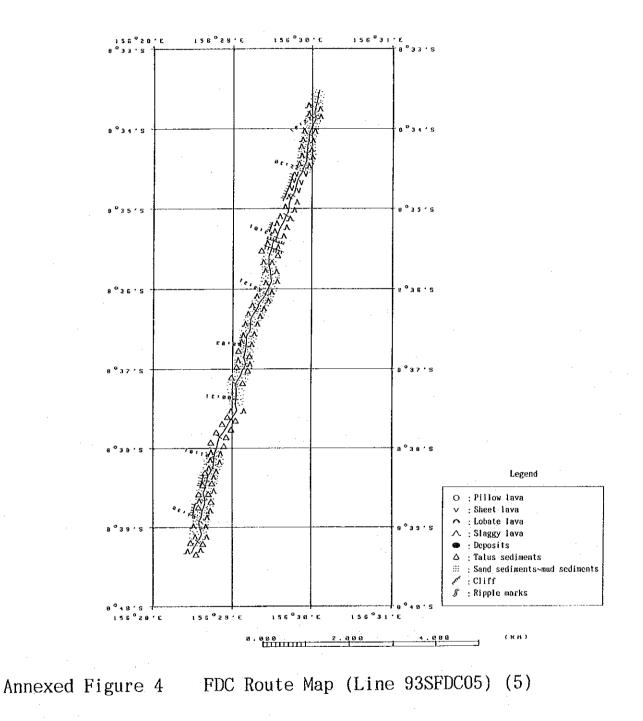




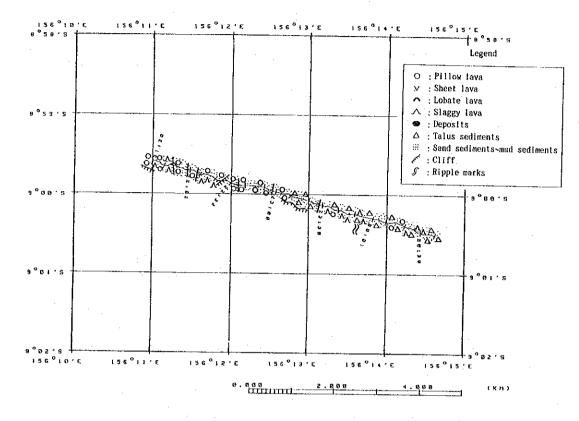


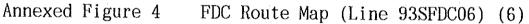


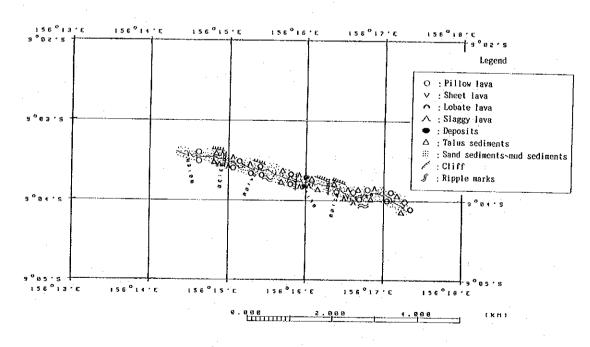
Annexed Figure 4 FDC Route Map (Line 93SFDC04) (4)



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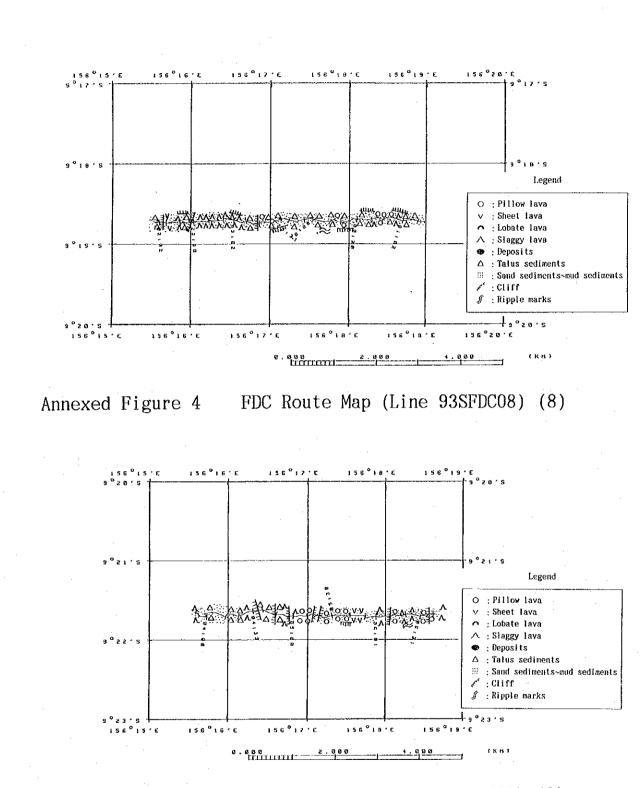




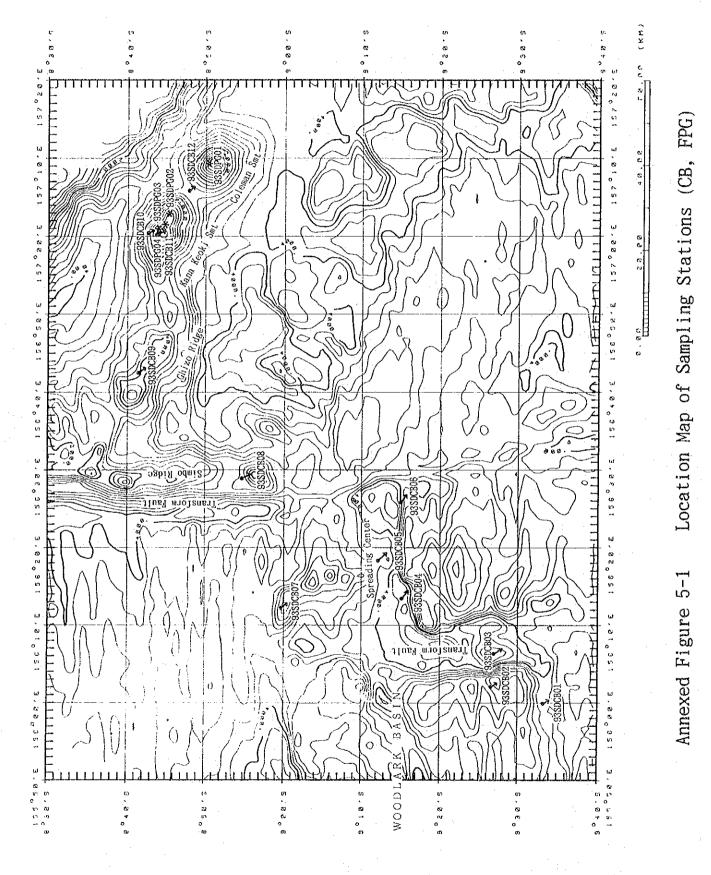


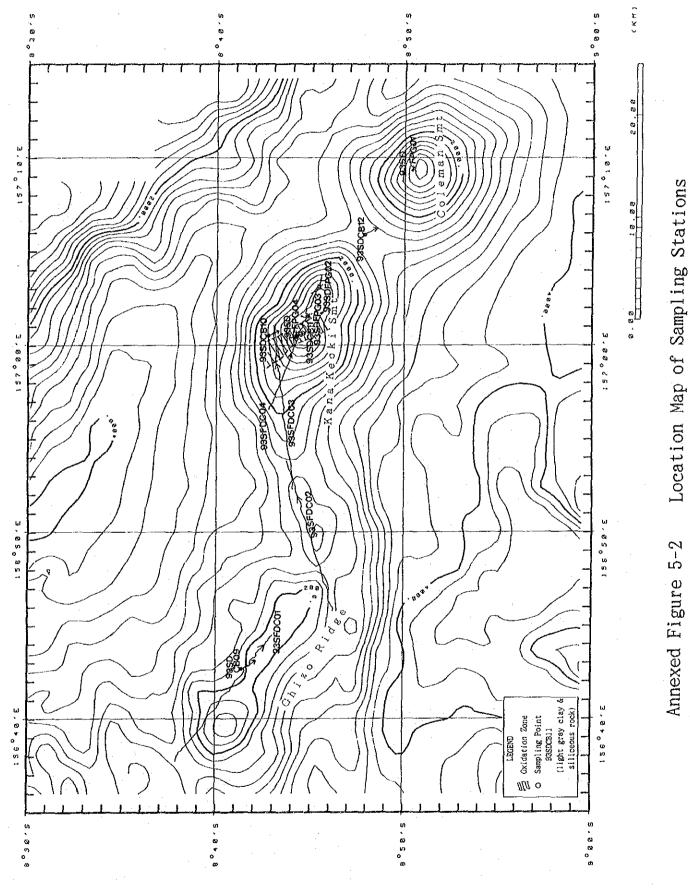
Annexed Figure 4 FDC Route Map (Line 93SFDC07) (7)

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Annexed Figure 4 FDC Route Map (Line 93SFDC09) (9)





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