

MARINE GEOPHYSICAL AND GEOLOGICAL SURVEYS OF THE FRASER DELTA SLOPE AND ADJACENT STRAIT OF GEORGIA: 1991 GEOPHYSICAL SURVEY TRACKLINES AND 1983-1992 CORE LOCATIONS

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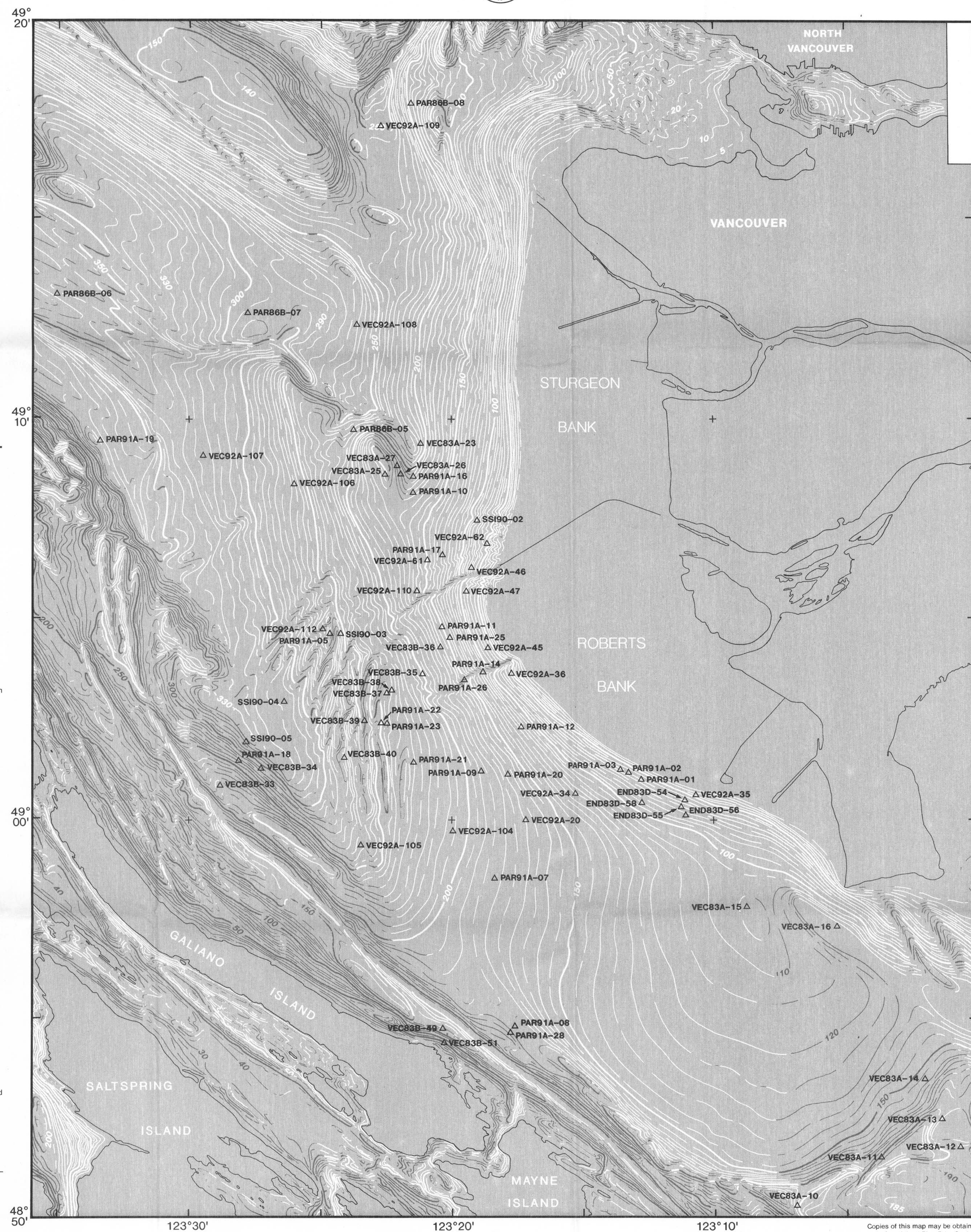
This map illustrates the location of gravity, piston, and vibrocores taken from the Strait of Georgia in proximity to the Fraser Delta during the course of cruises PGC-VEC-83-02 (14/2/83 - 17/2/83), PGC-VEC-83-03 (22/3/83-25/3/83), PGC-END-83-09 (5/12/83 - 8/12/83), PGC-PAR-86-08, (5/8/86 - 15/8/86), SSI McGaw 90 (survey aboard the McGaw in conjunction with Sea Systems International, 16 & 17/10/90), PGC91-04 (13/5/91 - 24/5/91) and PGC92-01 (10/2/92 - 21/2/92). All of these cores are archived in the core storage facility of the Pacific Geoscience Centre. The following table lists the core type, length and work done on the cores as of June 1992.

CORE	SCIENTIST ¹	TYPE	LENGTH (cm)	OPENED/ DESCRIBED	GRAIN SIZE # Analyses	¹³⁷ Cs # Analyses	¹⁴ C # Analyses	PHOTOS	NOTES
VEC83A-10	TSH	GRAVITY	228	Y	2	1			
11	"	"	207	Y	4				
12	"	"	251	Y	4				
13	"	"	231	Y	5				
14	"	"	140	Y	2				
15	"	"	132	Y	2				
16	"	"	169	Y	3				
23	"	"	231	Y	2				
25	"	"	164	Y	2				
26	"	"	184	Y	1				
27	"	"	183	Y	3				
VEC83B-33	"	"	212	Y	4				
34	"	"	187	Y	6				
35	"	"	75	Y	2	4			
36	"	"	177	Y	7				
37	"	"	38	Y	3				
38	"	"	67	Y	4				
39	"	"	185	Y	4				
40	"	"	166	Y	4				
49	"	"	154	Y	3				
51	"	"	88	Y	3				
END83D-54	TSH	VIBROCORE	117	Y	2				
55	"	"	203	Y	2				
56	"	"	203	Y	4				
58	"	"	169	Y	3	1	1		360 ± 80 yrs B.P. from bottom 15 cm of core
PAR86B-05	TSH	PISTON	1034	Y	16	4			
6	"	"	1055	Y		2			
7	"	"	1120	Y		2			
8	"	"	1275	Y					
SSI90-02	TSH	GRAVITY	146	Y		Y		Y	x-rays, moisture content penetrometer & torvane taken from these cores & complete ¹³⁷ Cs profiles
3	"	"	139	Y		Y		Y	
4	"	"	136	Y		Y		Y	
5	"	"	146	Y		Y		Y	
PAR91A-01	BSH	VIBROCORE	254	Y	10	1		Y	Epoxy peels made
2	"	"	233	Y	17			Y	" " "
3	"	"	231	Y	14	4		Y	" " "
4	"	"	434	Y	8			Y	" " "
5	"	PISTON	465	Y	6	7		Y	
7	"	"	157	Y	6	3		Y	
8	"	"	381	Y	17	1		Y	
9	"	"	219	Y	3	5		Y	
10	"	"	460	Y	13	9		Y	
11	"	"	358	Y	7	4		Y	
12	"	"	404	Y	11	7		Y	
14	"	"	434	Y	13	6		Y	
16	"	"	439	Y	8	3		Y	
17	"	"	680	Y	7	3		Y	
18	"	"	696	Y	8	4		Y	
19	"	"	289	Y	19	4		Y	
20	"	"	509	Y	6			Y	
21	"	"	371	Y	10	3		Y	
22	"	"	396	Y	9	2		Y	
23	"	"	341	Y	10			Y	
25	"	"	467	Y	11	4		Y	
26	"	"	477	Y	7	5		Y	
28	"	"		Y					
VEC92A-20	BSH	GRAVITY	229	Y	#				
34	"	PISTON	411	Y	#				
35	"	"	121	Y	#				
36	"	"	-	Y	#				
45	"	"	504	Y	8				
46	"	"	255	Y	12	#			
47	"	"	525	Y	13				
61	"	"	584	Y					
62	"	"	387	Y					
104	"	GRAVITY	82	Y	3	#			VEC92A CORES: # - currently being analysed
105	"	"	91	Y	5	#			
106	"	"	89	Y	#				
107	"	"	98	Y	#				
108	"	"	88	Y	#				
109	"	"	82	Y	#				
110	"	PISTON	442	Y	8				
112	"	"	580	Y	6				

1. Scientist: TSH - T.S. Hamilton
BSH - B.S. Hart

Cartography by B. Sawyer and R. Franklin

Transverse Mercator Projection



Copies of this map may be obtained from Island Blue Print Co. Ltd.: 905 Fort Street, Victoria, B.C. V8V 3K3

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