Table C-1. Summary of Port Gardner SPI Image Analysis Results

	Grain Size Major	Camera	Boundary Roughness	Benthic Habitat	Successional	Highest Stage	Successional Stages		Methane			Wood Debris
Station	Mode (# replicates)	Penetration Mean (cm)	Mean (cm)	(# replicates)[1]	Stages Present[2]	Present[2]	Present (# replicates)[2]	RPD Mean (cm)	Present	OSI Mean	OSI Median	Percent
A101	> 4 phi (3)	15.33	2.07	UN.SF (3)	I	ST I	ST I (3)	2.40	No	4.67	5.00	3.33
A102	> 4 phi (3)	15.88	2.26	UN.SF (3)	Azoic	Azoic	Azoic (3)	0.25	Yes	-6.67	-5.00	0.00
A102B	> 4 phi (3)	3.75	3.60	UN.SF (3)	I,INDET	ST I	INDET (1), ST I (2)	0.82	No	2.50	2.50	1.67
A103	> 4 phi (3)	7.94	3.44	UN.SF (3)	I,INDET	ST I	INDET (1), ST I (2)	1.21	No	3.50	3.50	7.67
A104	> 4 phi (3)	14.45	2.51	UN.SF (3)	I	ST I	ST I (3)	2.00	No	4.00	4.00	0.00
A105	> 4 phi (1), N/A (2)	3.04	0.14	HR (2), UN.SF (1)	I,INDET	ST I	INDET (2), ST I (1)	2.64	No	5.00	5.00	0.33
A106	> 4 phi (3)	10.09	4.34	UN.SF (3)	I	ST I	ST I (3)	1.18	Yes	2.33	2.00	3.33
A107	> 4 phi (3)	8.09	5.92	UN.SF (3)	I,INDET	ST I	INDET (1), ST I (2)	0.73	No	2.50	2.50	8.33
A108	> 4 phi (1), N/A (2)	3.20	1.01	UN.SF (2)	I,INDET	ST I	INDET (2), ST I (1)	1.52	No	4.00	4.00	0.00
A109	> 4 phi (3)	8.68	2.67	UN.SF (3)	I	ST I	ST I (3)	0.81	No	2.33	2.00	15.00
A110	> 4 phi (3)	14.27	1.43	UN.SF (3)	I	ST I	ST I (3)	0.64	No	2.67	3.00	8.33
A111	> 4 phi (3)	6.91	1.59	UN.SF (3)	I	ST I	ST I (3)	0.98	No	2.50	2.50	25.00
A112	> 4 phi (3)	15.75	0.78	UN.SF (3)	I	ST I	ST I (3)	1.11	No	3.00	3.00	0.00
A113	> 4 phi (2), 4 to 3 phi (1)	6.60	0.78	UN.SF (2), UN.SS (1	I,III	ST I on III	ST I (1), ST I on III (2)	2.09	No	7.00	8.00	2.00
A114	> 4 phi (3)	7.22	2.32	UN.SF (3)	I	ST I	ST I (3)	1.09	No	3.00	3.00	18.33
A115	4 to 3 phi (3)	7.17	1.58	UN.SF (3)	I,III	ST I on III	ST I (2), ST I on III (1)	2.43	No	6.00	4.00	1.00
A116	> 4 phi (1), 4 to 3 phi (2)	7.11	0.99	UN.SF (3)	I	ST I	ST I (3)	2.04	No	4.33	4.00	0.00
A117	> 4 phi (3)	8.21	1.04	UN.SF (3)	I,III	ST I on III	ST I (2), ST I on III (1)	2.30	No	6.00	5.00	11.67
A118	4 to 3 phi (3)	5.73	1.35	UN.SF (3)	I	ST I	ST I (3)	2.11	No	4.33	4.00	5.00
A119	> 4 phi (2), N/A (1)	8.14	0.41	UN.SF (2)	I,III,INDET	ST I on III	INDET (1), ST I on III (2)	2.80	No	9.00	9.00	0.00
A120	> 4 phi (2), N/A (1)	6.23	0.60	UN.SF (2)	I,INDET	ST I	INDET (1), ST I (2)	1.86	No	4.00	4.00	8.33
A121	> 4 phi (1), 4 to 3 phi (2)	9.92	1.54	UN.SF (3)	I	ST I	ST I (3)	2.31	Yes	3.67	3.00	13.00
A122	> 4 phi (2), 4 to 3 phi (1)	10.30	1.54	UN.SF (3)	I,III	ST I on III	ST I (2), ST I on III (1)	3.34	No	7.00	6.00	0.00
A123	> 4 phi (1), 4 to 3 phi (2)	12.70	0.77	UN.SF (3)	I,III	ST I on III	ST I on III (3)	3.00	No	9.33	9.00	0.00
A124	> 4 phi (3)	9.96	1.19	UN.SF (3)	I	ST I	ST I (3)	2.29	No	5.00	5.00	15.00
A125	> 4 phi (3)	6.94	1.72	UN.SF (3)	I	ST I	ST I (3)	2.19	No	4.33	5.00	6.67
A126	4 to 3 phi (2), N/A (1)	6.83	1.17	UN.SF (2)	I,III,INDET	ST I on III	DET (1), ST I (1), ST I on III	3.07	No	7.50	7.50	0.00
A127	to 2 phi (1), 4 to 3 phi (2	8.67	1.59	UN.SF (3)	I	ST I	ST I (3)	2.93	No	5.33	6.00	3.33
A128	> 4 phi (1), 4 to 3 phi (2)	10.32	2.16	UN.SF (3)	I,III,INDET	ST I on III	INDET (1), ST I on III (2)	2.01	No	8.00	8.00	6.67
A129	3 to 2 phi (3)	2.86	0.97	SA.F (3)	I	ST I	ST I (3)	2.22	No	4.67	5.00	0.00
A131	2 to 1 phi (3)	3.23	0.80	SA.F (3)	I	ST I	ST I (3)	2.57	No	4.67	5.00	0.00
A132	> 4 phi (3)	12.72	3.35	UN.SF (3)	I,III	ST I on III	ST I on III (3)	3.77	No	10.33	10.00	0.00
A133	4 to 3 phi (3)	12.09	0.78	UN.SF (3)	I,III	ST I on III	ST I (1), ST I on III (2)	2.98	No	8.33	10.00	0.00
A134	> 4 phi (1), 4 to 3 phi (1)	12.38	1.48	UN.SF (2)	I,III	ST I on III	ST I on III (2)	2.76	No	9.00	9.00	0.00
A135	> 4 phi (3)	12.57	1.67	UN.SF (3)	I,III	ST I on III	ST I on III (3)	3.10	No	9.67	10.00	0.00
A136	> 4 phi (3)	14.69	0.98	UN.SF (2), UN.SI (1)	I,III	ST I on III	ST I on III (3)	3.68	No	10.33	11.00	0.00
A137	> 4 phi (1), 4 to 3 phi (2)	14.37	1.23	UN.SF (3)	I,III	ST I on III	ST I on III (3)	3.69	No	10.33	10.00	0.00
A138	2 to 1 phi (1)	4.34	0.78	SA.M (3)	I	ST I	ST I (3)	3.74	No	6.67	7.00	0.00
A139	4 to 3 phi (3)	9.31	2.25	UN.SF (3)	I,III	ST I on III	ST I (2), ST I on III (1)	3.82	No	8.00	7.00	0.00
A140	3 to 2 phi (3)	1.66	1.08	SA.M (3)	I	ST I	ST I (3)	1.66	No	3.67	3.00	0.00
A141	3 to 2 phi (3)	1.13	1.00	SA.M (3)	I	ST I	ST I (3)	1.13	No	3.00	3.00	0.00
A143	to -1 phi (1), 1 to 0 phi (2	0.00	0.01	SA.G (3)	I	ST I	ST I (3)	0.00	No	1.33	1.00	0.00
A144	4 to 3 phi (3)	5.45	0.90	UN.SI (3)	I	ST I	ST I (3)	2.89	No	5.33	5.00	0.00
A145	> 4 phi (3)	12.37	5.52	UN.SF (3)	I,III	ST I on III	ST I (1), ST I on III (2)	5.44	No	9.67	11.00	0.00
A146	to 2 phi (2), 4 to 3 phi (1	4.42	0.67	SA.F (1), SA.M (2)	I	ST I	ST I (3)	1.44	No	3.33	3.00	0.00
A147	3 to 2 phi (3)	1.78	0.59	SA.M (3)	I	ST I	ST I (3)	1.78	No	3.67	4.00	0.00
A148	0 to -1 phi (3)	5.57	0.57	SH.SI (3)	I	ST I	ST I (3)	5.04	No	7.00	7.00	0.00
A201	to 1 phi (1), 3 to 2 phi (2	6.82	1.47	SA.M (3)	I	ST I	ST I (3)	3.85	No	6.33	7.00	0.00
A202	to 1 phi (1), 3 to 2 phi (2	9.73	2.29	SA.M (3)	I,III	ST I on III	ST I on III (3)	3.92	No	10.67	11.00	0.00
A203	2 to 1 phi (3)	8.52	1.73	SA.M (3)	I	ST I	ST I (3)	5.67	No	7.00	7.00	0.33
A204	4 to 3 phi (3)	4.25	1.59	UN.SF (1), UN.SS (2	I	ST I	ST I (3)	1.87	No	4.00	4.00	0.00
A205	4 to 3 phi (3)	4.44	1.53	UN.SS (3)	I	ST I	ST I (3)	2.16	No	4.33	5.00	0.00
A206	3 to 2 phi (3)	9.66	1.91	UN.SS (3)	I,III	ST I on III	ST I (1), ST I on III (2)	3.92	No	8.33	9.00	0.00
A207	to 2 phi (1), 4 to 3 phi (2	1.91	1.36	SA.F (2), UN.SS (1)	I	ST I	ST I (3)	1.79	No	4.00	4.00	0.00
A208B	3 to 2 phi (3)	9.82	1.49	SA.M (3)	I,III	ST I on III	ST I (1), ST I on III (2)	4.34	No	9.33	11.00	0.00
A209	N/A (3)	0.00	0.00	HR (3)	INDET	INDET	INDET (3)	IND	No	IND	IND	0.00
A210	to 2 phi (1), 4 to 3 phi (2	6.51	0.38	SA.F (3)	I	ST I	ST I (3)	1.75	No	4.00	4.00	0.00
A211	to 1 phi (2), 3 to 2 phi (1	3.57	1.27	SA.G (1), SA.M (2)	I,III	ST I on III	ST I (2), ST I on III (1)	1.61	No	5.33	4.00	7.33
A212	> 4 phi (1), 4 to 3 phi (2)	10.72	1.06	UN.SF (3)	I	ST I	ST I (3)	2.55	No	5.00	5.00	4.33

Table C-1. Summary of Port Gardner SPI Image Analysis Results

Station	Grain Size Major Mode (# replicates)	Camera Penetration Mean (cm)	Boundary Roughness Mean (cm)	Benthic Habitat (# replicates)[1]	Successional Stages Present[2]	Highest Stage Present[2]	Successional Stages Present (# replicates)[2]	RPD Mean (cm)	Methane Present	OSI Mean	OSI Median	Wood Debris Percent
A213	> 4 phi (3)	14.96	0.76	UN.SF (3)	I,III	ST I on III	ST I on III (3)	3.80	No	10.33	11.00	0.00
A214	> 4 phi (1), 4 to 3 phi (2)	6.25	0.59	SA.F (2), UN.SF (1)	I,III	ST I on III	ST I (2), ST I on III (1)	2.92	Yes	6.00	5.00	3.00
A215	> 4 phi (3)	10.69	0.74	UN.SF (3)	I,INDET	ST I	INDET (1), ST I (2)	2.70	No	5.00	5.00	0.00
A216	> 4 phi (3)	9.86	1.18	UN.SF (3)	I	ST I	ST I (3)	3.88	No	6.00	6.00	0.00
A217	4 to 3 phi (3)	10.64	0.77	SA.F (3)	I,III	ST I on III	ST I (2), ST I on III (1)	3.35	No	7.33	6.00	0.00
A218	4 to 3 phi (3)	5.45	0.60	UN.SF (3)	I	ST I	ST I (3)	3.67	No	6.33	6.00	0.00
A219	2 to 1 phi (3)	4.81	0.78	SA.M (3)	I	ST I	ST I (3)	4.81	No	7.00	7.00	3.00
A220	4 to 3 phi (3)	8.79	2.94	UN.SF (3)	I	ST I	ST I (3)	3.61	No	6.00	6.00	0.00
A221	4 to 3 phi (3)	7.27	1.21	SA.F (1), UN.SF (2)	I	ST I	ST I (3)	2.58	No	5.33	5.00	0.67
A222	2 to 1 phi (3)	3.27	1.60	SA.G (2), SA.M (1)	I	ST I	ST I (3)	3.27	No	5.67	5.00	0.00
A223	> 4 phi (1), 4 to 3 phi (2)	13.47	0.50	UN.SF (3)	I,III	ST I on III	ST I (1), ST I on III (2)	4.51	No	9.67	11.00	0.00
A223B	4 to 3 phi (3)	14.84	1.75	UN.SF (3)	I,III	ST I on III	ST I (2), ST I on III (1)	3.74	No	7.33	7.00	0.00
A224	4 to 3 phi (3)	12.83	1.28	UN.SF (3)	I	ST I	ST I (3)	3.58	No	6.33	6.00	0.00
A225	4 to 3 phi (3)	11.52	0.71	UN.SF (3)	I	ST I	ST I (3)	3.97	No	6.67	7.00	1.33
A226	to 1 phi (2), 4 to 3 phi (1	5.11	0.42	SA.G (1), SA.M (2)	I	ST I	ST I (3)	3.14	No	5.67	6.00	0.00
A227	4 to 3 phi (3)	9.53	1.25	SA.F (1), UN.SF (2)	I,III	ST I on III	ST I (1), ST I on III (2)	3.65	No	9.00	10.00	2.67
A228	2 to 1 phi (2), N/A (1)	1.89	0.49	SA.G (2)	I,INDET	ST I	INDET (1), ST I (2)	2.84	No	5.00	5.00	1.67
A229	2 to 1 phi (2), N/A (1)	1.36	0.34	SA.G (2)	I,INDET	ST I	INDET (1), ST I (2)	1.36	No	4.50	4.50	0.00
A230	to 1 phi (1), 3 to 2 phi (1	1.80	1.28	SA.G (1), SA.M (1)	I	ST I	ST I (2)	3.61	No	6.00	6.00	10.00
A231	2 to 1 phi (3)	2.95	2.12	SA.G (3)	I	ST I	ST I (3)	2.95	No	5.33	5.00	1.00
A232	2 to 1 phi (3)	2.33	1.38	SA.G (3)	I	ST I	ST I (3)	2.33	No	4.67	5.00	0.67
A233	2 to 1 phi (3)	6.30	2.16	SA.G (3)	I	ST I	ST I (3)	5.48	No	7.00	7.00	1.00
A235	< -1 phi (1), 0 to -1 phi (2	1.46	0.49	SA.G (3)	I	ST I	ST I (3)	1.46	No	3.33	4.00	0.00
A236	4 to 3 phi (3)	6.59	0.72	SA.F (3)	I	ST I	ST I (3)	1.43	Yes	3.00	3.00	0.00
A237	N/A (3)	0.00	0.00	HR (3)	INDET	INDET	INDET (3)	IND	No	IND	IND	0.00
A244	4 to 3 phi (3)	7.36	1.51	UN.SF (3)	I,III	ST I on III	ST I (1), ST I on III (2)	3.70	No	9.00	10.00	0.00
A245	4 to 3 phi (3)	4.53	0.58	SA.F (2), UN.SF (1)	I,III	ST I on III	ST I (2), ST I on III (1)	2.87	No	6.67	6.00	0.00
A301	2 to 1 phi (3)	9.82	1.59	SA.G (3)	I	ST I	ST I (3)	9.82	No	7.00	7.00	1.00
A302	> 4 phi (1), 4 to 3 phi (2)	11.19	2.04	UN.SF (3)	I,III,INDET	ST I on III	DET (1), ST I (1), ST I on III	4.03	No	9.00	9.00	0.00
A303	2 to 1 phi (2), N/A (1)	2.42	2.04	HR (1), SA.G (2)	I,INDET	ST I	INDET (1), ST I (2)	3.64	No	6.00	6.00	3.33
A304	to 1 phi (1), 3 to 2 phi (1	8.22	3.39	SA.G (3)	I	ST I	ST I (3)	7.49	No	7.00	7.00	0.67
A305	2 to 1 phi (1), N/A (2)	0.42	0.24	HR (2), SA.G (1)	I,INDET	ST I	INDET (2), ST I (1)	1.25	No	3.00	3.00	1.67
A306	4 to 3 phi (3)	12.83	0.55	UN.SF (3)	I,III	ST I on III	ST I on III (3)	5.35	No	11.00	11.00	0.00
A307	3 to 2 phi (3)	1.62	0.47	SA.M (2), SH.SA (1)	I	ST I	ST I (3)	1.62	No	4.00	4.00	0.00
A307B	4 to 3 phi (3)	5.98	0.73	SA.F (3)	I,III	ST I on III	ST I (2), ST I on III (1)	1.74	Yes	3.00	3.00	0.00
A313	2 to 1 phi (3)	3.79	1.12	SA.G (3)	I	ST I	ST I (3)	3.79	No	6.33	6.00	0.67
A401	to 2 phi (1), 4 to 3 phi (2	2.34	1.66	SA.F (2), SA.M (1)	I	ST I	ST I (3)	2.49	No	5.00	5.00	0.00
A402	2 to 1 phi (3)	11.06	1.97	SA.G (2), SA.M (1)	I	ST I	ST I (3)	6.60	No	7.00	7.00	1.33
A403	2 to 1 phi (3)	4.01	1.26	SA.G (3)	I	ST I	ST I (3)	4.01	No	6.67	7.00	0.00
A404	2 to 1 phi (3)	4.93	2.09	SA.G (3)	I	ST I	ST I (3)	4.93	No	7.00	7.00	0.00
A405	2 to 1 phi (3)	4.10	2.59	SA.G (3)	I	ST I	ST I (3)	4.10	No	6.67	7.00	0.00
A406	2 to 1 phi (3)	11.71	1.47	SA.G (1), SA.M (2)	I,III	ST I on III	ST I (2), ST I on III (1)	5.30	No	8.33	7.00	0.00
A407	4 to 3 phi (3)	5.69	0.85	SA.F (3)	I,III	ST I on III	ST I (1), ST I on III (2)	2.39	Yes	6.67	7.00	0.67
A408	4 to 3 phi (3)	5.25	0.77	SA.F (3)	I	ST I	ST I (3)	3.06	No	5.67	6.00	0.00
AVG		7.36	1.42					2.93		5.81	5.84	2.04
MAX		15.88	5.92					9.82		11.00	11.00	25.00
MIN		0.00	0.00					0.00		-6.67	-5.00	0.00

1 See Table 3-2 in the report regarding Benthic Habitat Type classifications.
2 See Section 3.1.5 of the report for Infaunal Successional Stage classifications.
RPD Redox Potential Discontinuity
OSI Organism-Sediment Index (see Section 3.1.6 of the report).

Table C-2. Port Gardner SPI Image Analysis Results

Station	Rep	Date	Time	Successional Stage[1]	Grain Size (phi)			Benthic Habitat[2]	Mud Clasts Present	Camera Penetration (cm)				Apparent RPD Thickness (cm)			Methane			OSI	Surface Roughness	Low DO	Wood Debris Percent
					Min	Max	Maj Mode			Min	Max	Range	Mean	Min	Max	Mean	Count	Mean Depth	Diameter				
A101	A	7/30/2008	09:49:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	TRUE	12.08	15.88	3.8	13.98	1.03	6.03	2.67	0	0	0	5	Physical	FALSE	10
A101	B	7/30/2008	09:50:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	TRUE	12.99	14.52	1.53	13.76	0.55	2.54	1.68	0	0	0	4	Physical	FALSE	0
A101	C	7/30/2008	09:50:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	17.83	18.7	0.87	18.26	0.59	4.97	2.86	0	0	0	5	Physical	FALSE	0
A102	D	7/30/2008	10:20:00	Azoic	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	14.95	15.98	1.03	15.47	0.04	0.48	0.16	5	8.5	0.5	-5	Physical	FALSE	0
A102	E	7/30/2008	10:21:00	Azoic	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	12.32	17.28	4.96	14.8	0	0	0	2	5.6	0.8	-10	Physical	TRUE	0
A102	F	7/30/2008	10:21:00	Azoic	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	16.97	17.75	0.78	17.36	0.11	0.92	0.6	1	16.1	0.19	-5	Physical	FALSE	0
A102B	A	7/28/2008	15:04:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	3.22	6.26	3.04	4.74	0.04	0.41	0.25	0	0	0	2	Physical	FALSE	5
A102B	B	7/28/2008	15:05:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	2.63	6.17	3.54	4.4	0.59	2.33	1.4	0	0	0	3	Not Set	FALSE	0
A102B	C	7/28/2008	15:06:00	INDET	> 4 phi	4 phi	> 4 phi	UN.SF	FALSE	0	4.23	4.23	2.12	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A103	A	7/30/2008	10:26:00	INDET	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	0.9	8.38	7.48	4.64	0.07	0.59	0.31	0	0	0	99	Physical	FALSE	20
A103	B	7/30/2008	10:27:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	9.76	11.23	1.47	10.49	0.11	3.09	1.48	0	0	0	3	Physical	FALSE	3
A103	C	7/30/2008	10:27:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8	9.38	1.38	8.69	0.04	4.86	1.83	0	0	0	4	Physical	FALSE	0
A104	A	7/30/2008	10:37:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	12.18	14.36	2.18	13.27	0.29	2.28	1.4	0	0	0	3	Physical	FALSE	0
A104	B	7/30/2008	10:37:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	TRUE	16.04	16.93	0.89	16.49	0.18	2.35	1.96	0	0	0	4	Physical	FALSE	0
A104	C	7/30/2008	10:38:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	TRUE	11.34	15.81	4.47	13.58	1.29	3.57	2.63	0	0	0	5	Physical	FALSE	0
A105	A	7/30/2008	10:44:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A105	B	7/30/2008	10:45:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A105	C	7/30/2008	10:45:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.9	9.33	0.43	9.11	0.26	4.23	2.64	0	0	0	5	Physical	FALSE	1
A106	A	7/30/2008	10:58:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	6.2	14.95	8.75	10.57	0.15	2.8	1.22	0	0	0	3	Physical	FALSE	5
A106	B	7/30/2008	10:59:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	12.86	14.93	2.07	13.9	0.4	2.8	1.91	3	11.5	0.79	2	Physical	FALSE	0
A106	C	7/30/2008	10:59:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	TRUE	4.7	6.91	2.21	5.8	0.07	1.32	0.41	0	0	0	2	Physical	FALSE	5
A107	A	7/30/2008	11:05:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	6.58	10.38	3.8	8.48	0.22	1.47	0.9	0	0	0	3	Physical	FALSE	25
A107	B	7/30/2008	11:06:00	INDET	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	1.19	9.63	8.44	5.41	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A107	C	7/30/2008	11:07:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	7.64	13.15	5.51	10.39	0.11	0.85	0.56	0	0	0	2	Physical	FALSE	0
A108	A	7/30/2008	11:14:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.1	11.13	3.03	9.61	0.15	2.8	1.52	0	0	0	4	Physical	FALSE	0
A108	B	7/30/2008	11:15:00	INDET	N/A	N/A	N/A	UN.SF	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Indeterminat	FALSE	0
A108	C	7/30/2008	11:15:00	INDET	N/A	N/A	N/A	IND	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Indeterminat	FALSE	0
A109	A	7/30/2008	11:22:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	4.98	7.62	2.64	6.3	0.33	2.1	1	0	0	0	3	Physical	FALSE	10
A109	B	7/30/2008	11:23:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.43	10.58	2.15	9.51	0.15	1.73	0.68	0	0	0	2	Physical	FALSE	20
A109	C	7/30/2008	11:23:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.62	11.85	3.23	10.24	0.07	1.43	0.74	0	0	0	2	Physical	FALSE	15
A110	A	7/30/2008	11:30:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	13.32	14.51	1.19	13.91	0.18	1.25	0.83	0	0	0	3	Physical	FALSE	25
A110	B	7/30/2008	11:31:00	ST I	> 4 phi	4 phi	> 4 phi	UN.SF	FALSE	13.91	16.09	2.18	15	0.04	0.29	0.17	0	0	0	2	Physical	FALSE	0
A110	C	7/30/2008	11:31:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	13.43	14.36	0.93	13.9	0.04	1.4	0.93	0	0	0	3	Physical	FALSE	0
A111	A	7/30/2008	11:39:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	6.55	7.59	1.04	7.07	0.04	1.91	1.32	0	0	0	3	Physical	FALSE	25
A111	B	7/30/2008	11:40:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	4.3	7.07	2.77	5.69	0.04	1.03	0.64	0	0	0	2	Physical	FALSE	25
A111	C	7/30/2008	11:40:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	7.48	8.45	0.97	7.97	-99	-99	-99	0	0	0	99	Physical	FALSE	25
A112	A	7/30/2008	11:46:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	14.55	15	0.45	14.77	0.04	0.7	0.28	0	0	0	2	Physical	FALSE	0
A112	B	7/30/2008	11:47:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	16.09	16.88	0.79	16.49	0.59	2.91	1.73	0	0	0	4	Physical	FALSE	0
A112	C	7/30/2008	11:48:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	15.45	16.55	1.1	16	0.4	1.77	1.32	0	0	0	3	Physical	FALSE	0
A113	A	7/30/2008	11:55:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	6.36	7.15	0.79	6.76	0.85	3.31	2	0	0	0	4	Physical	FALSE	3
A113	B	7/30/2008	11:55:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SS	FALSE	5.39	6.41	1.02	5.9	0.59	3.05	2.29	0	0	0	9	Physical	FALSE	0
A113	C	7/30/2008	11:56:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	6.86	7.4	0.54	7.13	0.29	3.02	1.97	0	0	0	8	Physical	FALSE	3
A114	A	7/30/2008	13:05:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	7.05	11.01	3.96	9.03	-99	-99	-99	0	0	0	99	Physical	FALSE	30
A114	B	7/30/2008	13:05:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	6.17	7.34	1.17	6.76	0.11	1.21	0.62	0	0	0	2	Physical	FALSE	15
A114	C	7/30/2008	13:06:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	4.96	6.79	1.83	5.88	0.52	2.1	1.55	0	0	0	4	Physical	FALSE	10
A115	A	7/30/2008	13:11:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	3.4	4.25	0.85	3.83	0.04	2.24	1.96	0	0	0	4	Physical	FALSE	0
A115	B	7/30/2008	13:11:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	7.01	9.85	2.84	8.43	0.22	4.86	3.1	0	0	0	10	Physical	FALSE	3
A115	C	7/30/2008	13:12:00	ST I	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	8.71	9.76	1.05	9.24	0.85	2.98	2.24	0	0	0	4	Physical	FALSE	0
A116	A	7/30/2008	13:19:00	ST I	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	3.87	4.87	1	4.37	0.88	2.65	1.72	0	0	0	4	Physical	FALSE	0
A116	B	7/30/2008	13:20:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	TRUE	13.46	14.22	0.76	13.84	1.03	3.83	2.57	0	0	0	5	Physical	FALSE	0
A116	C	7/30/2008	13:20:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	2.51	3.73	1.22	3.12	0.85	2.8	1.83	0	0	0	4	Physical	FALSE	0
A117	A	7/30/2008	13:37:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	5.88	7.57	1.69	6.73	1.14	3.35	2.18	0	0	0	4	Physical	FALSE	15
A117	B	7/30/2008	13:38:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	9.68	10.19	0.51	9.93	0.15	3.72	2.47	0	0	0	9	Physical	FALSE	10
A117	C	7/30/2008	13:38:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	7.5	8.43	0.93	7.97	0.66	4.56	2.26	0	0	0	5	Physical	FALSE	10

Table C-2. Port Gardner SPI Image Analysis Results

Station	Rep	Date	Time	Successional Stage[1]	Grain Size (phi)			Benthic Habitat[2]	Mud Clasts Present	Camera Penetration (cm)				Apparent RPD Thickness (cm)			Methane			OSI	Surface Roughness	Low DO	Wood Debris Percent
					Min	Max	Maj Mode			Min	Max	Range	Mean	Min	Max	Mean	Count	Mean Depth	Diameter				
A118	A	7/30/2008	13:44:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	6.44	7.07	0.63	6.76	1.32	3.53	2.46	0	0	0	5	Physical	FALSE	3
A118	B	7/30/2008	13:44:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	TRUE	3.8	5.27	1.47	4.53	0.4	2.58	1.81	0	0	0	4	Physical	FALSE	7
A118	C	7/30/2008	13:45:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	4.92	6.86	1.94	5.89	0.29	3.27	2.07	0	0	0	4	Physical	FALSE	5
A119	A	7/30/2008	13:54:00	INDET	N/A	N/A	N/A	IND	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A119	B	7/30/2008	13:55:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	11.13	11.89	0.76	11.51	0.07	3.94	2.9	0	0	0	9	Physical	FALSE	0
A119	C	7/30/2008	13:55:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	12.67	13.13	0.46	12.9	0.52	3.68	2.7	0	0	0	9	Physical	FALSE	0
A120	A	7/30/2008	14:09:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.07	9	0.93	8.53	0.15	2.72	1.29	0	0	0	3	Physical	FALSE	15
A120	B	7/30/2008	14:10:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	9.73	10.61	0.88	10.17	1.58	3.46	2.42	0	0	0	5	Physical	FALSE	10
A120	C	7/30/2008	14:10:00	INDET	N/A	N/A	N/A	IND	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A121	A	7/30/2008	14:16:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	8.5	9.92	1.42	9.21	0.11	1.91	1.4	0	0	0	3	Physical	FALSE	25
A121	B	7/30/2008	14:17:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	10.33	11.23	0.9	10.78	1.43	3.72	2.7	6	7	0.36	3	Physical	FALSE	7
A121	C	7/30/2008	14:17:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.62	10.92	2.3	9.77	1.36	3.86	2.83	0	0	0	5	Physical	FALSE	7
A122	A	7/30/2008	14:25:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	10.92	12.2	1.28	11.56	0.74	4.75	3.48	0	0	0	10	Physical	FALSE	0
A122	B	7/30/2008	14:25:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	9.11	10.77	1.66	9.94	0.22	5.44	3.67	0	0	0	6	Physical	FALSE	0
A122	C	7/30/2008	14:26:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.57	10.25	1.68	9.41	0.96	3.75	2.87	0	0	0	5	Physical	FALSE	0
A123	A	7/30/2008	14:33:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	12.39	13.48	1.09	12.93	0.07	3.94	3.2	0	0	0	10	Physical	FALSE	0
A123	B	7/30/2008	14:33:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	12.13	12.75	0.62	12.44	0.85	4.89	2.8	0	0	0	9	Physical	FALSE	0
A123	C	7/30/2008	14:34:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	12.44	13.03	0.59	12.73	1.99	4.52	2.99	0	0	0	9	Physical	FALSE	0
A124	A	7/30/2008	14:41:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.16	9.4	1.24	8.78	0.04	3.46	2.26	0	0	0	5	Physical	FALSE	10
A124	B	7/30/2008	14:42:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.71	9.76	1.05	9.24	0.26	3.94	2.26	0	0	0	5	Physical	FALSE	30
A124	C	7/30/2008	14:43:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	11.23	12.51	1.28	11.87	0.33	4.01	2.34	0	0	0	5	Physical	FALSE	5
A125	A	7/29/2008	13:59:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	6.03	9.09	3.06	7.56	0.04	3.46	2.43	0	0	0	5	Physical	FALSE	10
A125	B	7/29/2008	14:00:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	9	10.58	1.58	9.79	0.04	4.12	2.74	0	0	0	5	Physical	FALSE	0
A125	C	7/29/2008	14:01:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	3.21	3.73	0.52	3.47	0.04	2.91	1.41	0	0	0	3	Physical	FALSE	10
A126	A	7/29/2008	14:11:00	INDET	N/A	N/A	N/A	IND	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Not Set	FALSE	0
A126	B	7/29/2008	14:11:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	8.57	10.57	2	9.57	0.74	4.97	2.8	0	0	0	5	Physical	FALSE	0
A126	C	7/29/2008	14:12:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	10.16	11.66	1.5	10.91	0.26	4.05	3.34	0	0	0	10	Physical	FALSE	0
A127	A	7/30/2008	15:11:00	ST I	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	9.21	11.61	2.4	10.41	0.55	3.97	3.29	0	0	0	6	Physical	FALSE	3
A127	B	7/30/2008	15:11:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	6.03	6.64	0.61	6.34	0.44	3.86	1.99	0	0	0	4	Physical	FALSE	2
A127	C	7/30/2008	15:12:00	ST I	> 4 phi	2 phi	3 to 2 phi	UN.SF	FALSE	8.38	10.14	1.76	9.26	1.66	4.41	3.51	0	0	0	6	Physical	FALSE	5
A128	A	7/30/2008	15:22:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	10.44	10.99	0.55	10.72	0.26	3.38	2.01	0	0	0	8	Physical	FALSE	0
A128	B	7/30/2008	15:23:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	9.57	11.06	1.49	10.32	0.63	2.91	2.02	0	0	0	8	Physical	FALSE	5
A128	C	7/30/2008	15:23:00	INDET	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	7.72	12.15	4.43	9.93	-99	-99	-99	0	0	0	99	Physical	FALSE	15
A129	A	7/29/2008	13:52:00	ST I	> 4 phi	1 phi	3 to 2 phi	SA.F	FALSE	2.92	3.73	0.81	3.33	0.04	3.09	2.32	0	0	0	5	Physical	FALSE	0
A129	B	7/29/2008	13:53:00	ST I	> 4 phi	1 phi	3 to 2 phi	SA.F	FALSE	2.04	3.11	1.07	2.57	0.4	2.46	2.04	0	0	0	4	Physical	FALSE	0
A129	C	7/29/2008	13:53:00	ST I	4 phi	1 phi	3 to 2 phi	SA.F	FALSE	2.16	3.18	1.02	2.67	0.18	2.61	2.29	0	0	0	5	Physical	FALSE	0
A131	A	7/29/2008	13:40:00	ST I	4 phi	1 phi	2 to 1 phi	SA.F	FALSE	1.93	2.61	0.68	2.27	0.26	2.61	2.06	0	0	0	4	Physical	FALSE	0
A131	B	7/29/2008	13:41:00	ST I	4 phi	1 phi	2 to 1 phi	SA.F	FALSE	3.61	3.94	0.33	3.78	1.07	3.09	2.71	0	0	0	5	Physical	FALSE	0
A131	C	7/29/2008	13:41:00	ST I	4 phi	1 phi	2 to 1 phi	SA.F	FALSE	2.94	4.32	1.38	3.63	0.96	3.42	2.93	0	0	0	5	Physical	FALSE	0
A132	A	7/29/2008	13:03:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	2.99	9.62	6.63	6.3	0.04	4.75	3.21	0	0	0	10	Physical	FALSE	0
A132	B	7/29/2008	13:04:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	14.14	16.17	2.03	15.16	1.88	5.74	4.77	0	0	0	11	Physical	FALSE	0
A132	C	7/29/2008	13:05:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	16	17.4	1.4	16.7	0.04	4.41	3.33	0	0	0	10	Physical	FALSE	0
A133	A	7/29/2008	13:16:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	11.32	11.72	0.4	11.52	1.84	3.64	3.04	0	0	0	10	Physical	FALSE	0
A133	B	7/29/2008	13:17:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	TRUE	11.63	12.8	1.17	12.22	0.44	3.46	2.85	0	0	0	5	Physical	FALSE	0
A133	C	7/29/2008	13:18:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	TRUE	12.13	12.91	0.78	12.52	0.4	3.86	3.04	0	0	0	10	Physical	FALSE	0
A134	A	7/29/2008	13:30:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	10.33	11.75	1.42	11.04	0.88	3.68	2.82	0	0	0	9	Physical	FALSE	0
A134	B	7/29/2008	13:31:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	12.94	14.48	1.54	13.71	0.88	3.86	2.71	0	0	0	9	Physical	FALSE	0
A135	A	7/29/2008	10:39:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	10.73	12.29	1.56	11.51	0.48	4.89	3.22	0	0	0	10	Physical	FALSE	0
A135	B	7/29/2008	10:39:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	12.82	14.41	1.59	13.61	0.04	4.71	3.48	0	0	0	10	Physical	FALSE	0
A135	C	7/29/2008	10:40:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	11.68	13.53	1.85	12.6	0.99	3.86	2.61	0	0	0	9	Physical	FALSE	0
A136	A	7/29/2008	11:53:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	14.38	15.57	1.19	14.98	0.63	5	4.15	0	0	0	11	Physical	FALSE	0
A136	B	7/29/2008	11:54:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	15.52	16.14	0.62	15.83	1.18	3.9	2.98	0	0	0	9	Physical	FALSE	0
A136	C	7/29/2008	11:55:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SI	FALSE	12.7	13.84	1.14	13.27	1.36	5.08	3.9	0	0	0	11	Physical	FALSE	0
A137	A	7/29/2008	12:05:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	12.86	13.79	0.93	13.32	0.7	4.19	3.5	0	0	0	10	Physical	FALSE	0
A137	B	7/29/2008	12:06:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	13.76	14.9	1.14	14.33	2.65	4.6	3.92	0	0	0	11	Physical	FALSE	0
A137	C	7/29/2008	12:06:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	14.65	16.26	1.61	15.45	0.74	4.3	3.65	0	0	0	10	Physical	FALSE	0
A138	A	7/29/2008	10:25:00	ST I	4 phi	1 phi	2 to 1 phi	SA.M	FALSE	3.89	4.51	0.62	4.2	3.61	4.34	4	0	0	0	7	Physical	FALSE	0
A138	B	7/29/2008	10:26:00	ST I	3phi	1 phi	2 to 1 phi	SA.M	FALSE	4.44	5.3	0.86	4.87	0.26	4.23	3.76	0	0	0	7	Physical	FALSE	0
A138	C	7/29/2008	10:27:00	ST I	4 phi	1phi	2 to 1 phi	SA.M	FALSE	3.54	4.39	0.85	3.96	1.4	3.86	3.45	0	0	0	6	Physical	FALSE	0

Table C-2. Port Gardner SPI Image Analysis Results

Station	Rep	Date	Time	Successional Stage[1]	Grain Size (phi)			Benthic Habitat[2]	Mud Clasts Present	Camera Penetration (cm)				Apparent RPD Thickness (cm)			Methane			OSI	Surface Roughness	Low DO	Wood Debris Percent
					Min	Max	Maj Mode			Min	Max	Range	Mean	Min	Max	Mean	Count	Mean Depth	Diameter				
A139	A	7/29/2008	10:16:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	9.59	10.63	1.04	10.11	0.29	4.19	3.61	0	0	0	10	Physical	FALSE	0
A139	B	7/29/2008	10:16:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	7.55	11.68	4.13	9.61	0.15	5.96	3.95	0	0	0	7	Physical	FALSE	0
A139	C	7/29/2008	10:17:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	7.43	9	1.57	8.22	0.81	4.6	3.89	0	0	0	7	Physical	FALSE	0
A140	A	7/29/2008	09:57:00	ST I	4 phi	1 phi	3 to 2 phi	SA.M	FALSE	1.93	3.8	1.87	2.87	>1.93	>3.8	>2.87	0	0	0	5	Physical	FALSE	0
A140	B	7/29/2008	09:57:00	ST I	3 phi	2 phi	3 to 2 phi	SA.M	FALSE	0.85	1.71	0.86	1.28	>0.85	>1.71	>1.28	0	0	0	3	Physical	FALSE	0
A140	C	7/29/2008	09:58:00	ST I	3 phi	1 phi	3 to 2 phi	SA.M	FALSE	0.57	1.07	0.5	0.82	>0.57	>1.07	>0.82	0	0	0	3	Physical	FALSE	0
A141	A	7/29/2008	09:45:00	ST I	3 phi	1 phi	3 to 2 phi	SA.M	FALSE	0.93	1.76	0.83	1.35	>0.93	>1.76	>1.35	0	0	0	3	Physical	FALSE	0
A141	B	7/29/2008	09:46:00	ST I	3 phi	1 phi	3 to 2 phi	SA.M	FALSE	0.69	1.47	0.78	1.08	>0.69	>1.47	>1.08	0	0	0	3	Physical	FALSE	0
A141	C	7/29/2008	09:46:00	ST I	3 phi	1 phi	3 to 2 phi	SA.M	FALSE	0.28	1.66	1.38	0.97	>0.28	>1.66	>0.97	0	0	0	3	Physical	FALSE	0
A143	A	7/29/2008	09:27:00	ST I	1 phi	< -1 phi	0 to -1 phi	SA.G	FALSE	.	0.03	0.03	0.01	>0	>0.03	>0.01	0	0	0	2	Not Set	FALSE	0
A143	B	7/29/2008	09:28:00	ST I	2 phi	< -1 phi	1 to 0 phi	SA.G	FALSE	0	0	0	0	>0	>0	>0	0	0	0	1	Physical	FALSE	0
A143	C	7/29/2008	09:28:00	ST I	2 phi	< -1 phi	1 to 0 phi	SA.G	FALSE	0	0	0	0	>0	>0	>0	0	0	0	1	Physical	FALSE	0
A144	A	7/29/2008	10:06:00	ST I	> 4 phi	2 phi	4 to 3 phi	UN.SI	FALSE	5.06	5.96	0.9	5.51	1.07	4.08	3.57	0	0	0	6	Physical	FALSE	0
A144	B	7/29/2008	10:06:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SI	FALSE	5.08	5.82	0.74	5.45	0.18	3.35	2.58	0	0	0	5	Physical	FALSE	0
A144	C	7/29/2008	10:07:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SI	FALSE	4.87	5.93	1.06	5.4	0.85	2.94	2.53	0	0	0	5	Physical	FALSE	0
A145	A	7/29/2008	11:37:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	3.89	10.38	6.49	7.14	0.07	5.66	4.23	0	0	0	7	Physical	FALSE	0
A145	B	7/29/2008	11:38:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	9.33	17.09	7.76	13.21	0.33	8.61	6.67	0	0	0	11	Physical	FALSE	0
A145	C	7/29/2008	11:38:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	15.6	17.92	2.32	16.76	1.07	6.77	5.42	0	0	0	11	Physical	FALSE	0
A146	A	7/29/2008	09:38:00	ST I	4 phi	2 phi	3 to 2 phi	SA.M	FALSE	2.85	3.54	0.69	3.19	0.22	3.2	1.89	0	0	0	4	Physical	FALSE	0
A146	B	7/29/2008	09:38:00	ST I	> 4 phi	3 phi	4 to 3 phi	SA.M	FALSE	3.08	3.82	0.74	3.45	0.15	1.84	1.46	0	0	0	3	Physical	FALSE	0
A146	C	7/29/2008	09:39:00	ST I	> 4 phi	2 phi	3 to 2 phi	SA.F	FALSE	6.34	6.91	0.57	6.62	0.04	1.29	0.96	0	0	0	3	Physical	FALSE	0
A147	A	7/29/2008	09:18:00	ST I	3 phi	2 phi	3 to 2 phi	SA.M	FALSE	1.97	2.5	0.53	2.24	>1.97	>2.5	>2.24	0	0	0	4	Physical	FALSE	0
A147	B	7/29/2008	09:19:00	ST I	4 phi	2 phi	3 to 2 phi	SA.M	FALSE	1.12	1.83	0.71	1.48	>1.12	>1.83	>1.48	0	0	0	3	Physical	FALSE	0
A147	C	7/29/2008	09:19:00	ST I	4 phi	3 phi	3 to 2 phi	SA.M	FALSE	1.36	1.88	0.52	1.62	>1.36	>1.88	>1.62	0	0	0	4	Physical	FALSE	0
A148	A	7/29/2008	09:07:00	ST I	0 phi	< -1 phi	0 to -1 phi	SH.SI	FALSE	4.18	4.79	0.61	4.48	>4.18	>4.79	>4.48	0	0	0	7	Biogenic	FALSE	0
A148	B	7/29/2008	09:07:00	ST I	1 phi	< -1 phi	0 to -1 phi	SH.SI	FALSE	5.51	6.1	0.59	5.81	>5.51	>6.1	>5.81	0	0	0	7	Biogenic	FALSE	0
A148	C	7/29/2008	09:08:00	ST I	1 phi	< -1 phi	0 to -1 phi	SH.SI	FALSE	6.17	6.67	0.5	6.42	1.18	5.59	4.82	0	0	0	7	Biogenic	FALSE	0
A201	A	7/28/2008	13:24:00	ST I	3 phi	1 phi	3 to 2 phi	SA.M	FALSE	5.69	7.43	1.74	6.56	1.43	5.55	4.45	0	0	0	7	Physical	FALSE	0
A201	B	7/28/2008	13:24:00	ST I	4 phi	2 phi	2 to 1 phi	SA.M	FALSE	5.6	7.69	2.09	6.64	0.52	5.15	4.36	0	0	0	7	Physical	FALSE	0
A201	C	7/28/2008	13:25:00	ST I	> 4 phi	2 phi	3 to 2 phi	SA.M	FALSE	6.98	7.55	0.57	7.27	0.44	3.42	2.75	0	0	0	5	Physical	FALSE	0
A202	A	7/28/2008	13:54:00	ST I on III	3 phi	1 phi	2 to 1 phi	SA.M	FALSE	7.02	12.25	5.23	9.64	0.33	5.41	4.05	0	0	0	11	Physical	FALSE	0
A202	B	7/28/2008	13:55:00	ST I on III	> 4 phi	2 phi	3 to 2 phi	SA.M	FALSE	10.09	10.68	0.59	10.39	0.33	4.78	3.98	0	0	0	11	Physical	FALSE	0
A202	C	7/28/2008	13:56:00	ST I on III	> 4 phi	2 phi	3 to 2 phi	SA.M	FALSE	8.64	9.68	1.04	9.16	0.37	6.03	3.74	0	0	0	10	Physical	FALSE	0
A203	A	7/28/2008	13:38:00	ST I	2 phi	1 phi	2 to 1 phi	SA.M	FALSE	9.57	11.11	1.54	10.34	2.98	7.39	6.54	0	0	0	7	Physical	FALSE	0
A203	B	7/28/2008	13:39:00	ST I	2 phi	0 phi	2 to 1 phi	SA.M	FALSE	8.21	10.06	1.85	9.14	0.66	6.7	5.27	0	0	0	7	Physical	FALSE	0
A203	C	7/28/2008	13:40:00	ST I	2 phi	0 phi	2 to 1 phi	SA.M	FALSE	5.17	6.98	1.81	6.07	0.96	5.96	5.21	0	0	0	7	Physical	FALSE	1
A204	A	7/28/2008	14:03:00	ST I	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	5.65	7.24	1.59	6.44	0.63	3.09	2.01	0	0	0	4	Physical	FALSE	0
A204	B	7/28/2008	14:04:00	ST I	4 phi	2 phi	4 to 3 phi	UN.SS	FALSE	3.42	5.32	1.9	4.37	0.07	2.69	1.66	0	0	0	4	Physical	FALSE	0
A204	C	7/28/2008	14:04:00	ST I	4 phi	2 phi	4 to 3 phi	UN.SS	FALSE	1.31	2.59	1.28	1.95	>1.31	>2.59	>1.95	0	0	0	4	Physical	FALSE	0
A205	A	7/28/2008	14:15:00	ST I	4 phi	3 phi	4 to 3 phi	UN.SS	FALSE	4.2	5.32	1.12	4.76	0.7	3.75	2.71	0	0	0	5	Physical	FALSE	0
A205	B	7/28/2008	14:15:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SS	FALSE	4.89	5.87	0.98	5.38	0.07	3.83	2.36	0	0	0	5	Physical	FALSE	0
A205	C	7/28/2008	14:16:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SS	FALSE	1.94	4.44	2.5	3.19	0.04	2.39	1.42	0	0	0	3	Physical	FALSE	0
A206	A	7/28/2008	14:25:00	ST I	> 4 phi	2 phi	3 to 2 phi	UN.SS	FALSE	6.77	9.92	3.15	8.35	0.52	3.64	2.85	0	0	0	5	Physical	FALSE	0
A206	B	7/28/2008	14:26:00	ST I on III	4 phi	2 phi	3 to 2 phi	UN.SS	FALSE	11.13	12.67	1.54	11.9	1.95	6.88	5.93	0	0	0	11	Physical	FALSE	0
A206	C	7/28/2008	14:26:00	ST I on III	> 4 phi	2 phi	3 to 2 phi	UN.SS	FALSE	8.21	9.26	1.05	8.74	0.77	3.75	2.98	0	0	0	9	Physical	FALSE	0
A207	A	7/28/2008	14:39:00	ST I	> 4 phi	2 phi	4 to 3 phi	UN.SS	FALSE	2.07	3.44	1.37	2.76	0.33	3.46	2.42	0	0	0	5	Physical	FALSE	0
A207	B	7/28/2008	14:40:00	ST I	4 phi	2 phi	4 to 3 phi	SA.F	FALSE	1.61	2.51	0.9	2.06	>1.61	>2.51	>2.06	0	0	0	4	Physical	FALSE	0
A207	C	7/28/2008	14:40:00	ST I	4 phi	2 phi	3 to 2 phi	SA.F	FALSE	.	1.8	1.8	0.9	>0	>1.8	>0.9	0	0	0	3	Physical	FALSE	0
A208B	A	7/28/2008	15:04:00	ST I	4 phi	2 phi	3 to 2 phi	SA.M	FALSE	8.97	10.49	1.52	9.73	0.15	4.49	3.16	0	0	0	6	Physical	FALSE	0
A208B	B	7/28/2008	15:05:00	ST I on III	4 phi	2 phi	3 to 2 phi	SA.M	FALSE	8.71	10.63	1.92	9.67	3.57	5.96	4.99	0	0	0	11	Physical	FALSE	0
A208B	C	7/28/2008	15:06:00	ST I on III	4 phi	2 phi	3 to 2 phi	SA.M	FALSE	9.54	10.58	1.04	10.06	0.18	5.81	4.86	0	0	0	11	Physical	FALSE	0
A209	A	7/28/2008	15:26:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A209	B	7/28/2008	15:27:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A209	C	7/28/2008	15:27:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A210	A	7/28/2008	15:36:00	ST I	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	6.01	6.39	0.38	6.2	0.52	2.35	1.51	0	0	0	4	Physical	FALSE	0
A210	B	7/28/2008	15:36:00	ST I	4 phi	3 phi	4 to 3 phi	SA.F	FALSE	7.07	7.45	0.38	7.26	0.29	2.54	2.19	0	0	0	4	Physical	FALSE	0
A210	C	7/28/2008	15:37:00	ST I	4 phi	2 phi	3 to 2 phi	SA.F	FALSE	5.87	6.26	0.39	6.07	0.81	2.02	1.54	0	0	0	4	Physical	FALSE	0
A211	A	7/28/2008	15:47:00	ST I	3 phi	2 phi	2 to 1 phi	SA.G	FALSE	0.41	1.23	0.82	0.82	>0.41	>1.23	>0.82	0	0	0	3	Physical	FALSE	7
A211	B	7/28/2008	15:47:00	ST I	3 phi	2 phi	2 to 1 phi	SA.M	FALSE	2.09	4.08	1.99	3.09	0.04	2.72	1.62	0	0	0	4	Physical	FALSE	10
A211	C	7/28/2008	15:48:00	ST I on III	4 phi	2 phi	3 to 2 phi	SA.M	FALSE	6.29	7.29	1	6.79	0.7	2.87	2.38	0	0	0	9	Physical	FALSE	5

Table C-2. Port Gardner SPI Image Analysis Results

Station	Rep	Date	Time	Successional Stage[1]	Grain Size (phi)			Benthic Habitat[2]	Mud Clasts Present	Camera Penetration (cm)				Apparent RPD Thickness (cm)			Methane			OSI	Surface Roughness	Low DO	Wood Debris Percent
					Min	Max	Maj Mode			Min	Max	Range	Mean	Min	Max	Mean	Count	Mean Depth	Diameter				
A212	A	7/28/2008	15:56:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	10.58	11.32	0.74	10.95	0.55	3.83	2.42	0	0	0	5	Physical	FALSE	5
A212	B	7/28/2008	15:56:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	10.52	11.04	0.52	10.78	1.73	3.57	2.6	0	0	0	5	Physical	FALSE	3
A212	C	7/28/2008	15:57:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	9.47	11.39	1.92	10.43	0.11	3.42	2.63	0	0	0	5	Physical	FALSE	5
A213	A	7/28/2008	16:07:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	14.27	15.09	0.82	14.68	1.29	3.75	2.92	0	0	0	9	Physical	FALSE	0
A213	B	7/28/2008	16:08:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	13.75	14.43	0.68	14.09	0.33	5.04	4.3	0	0	0	11	Physical	FALSE	0
A213	C	7/28/2008	16:08:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	15.71	16.5	0.79	16.1	0.37	5.08	4.17	0	0	0	11	Physical	FALSE	0
A214	A	7/28/2008	16:23:00	ST I	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	5.39	5.69	0.3	5.54	2.21	3.31	2.79	0	0	0	5	Physical	FALSE	2
A214	B	7/28/2008	16:24:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.21	8.43	0.22	8.32	0.29	4.34	3.38	2	7.3	1.2	4	Physical	FALSE	5
A214	C	7/28/2008	16:25:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	4.25	5.51	1.26	4.88	0.92	3.02	2.6	0	0	0	9	Physical	FALSE	2
A215	A	7/28/2008	16:31:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	10.99	11.44	0.45	11.22	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A215	B	7/28/2008	16:32:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	8.71	10.04	1.33	9.38	1.43	4.08	2.7	0	0	0	5	Physical	FALSE	0
A215	C	7/28/2008	16:33:00	INDET	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	11.25	11.68	0.43	11.47	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A216	A	7/28/2008	16:46:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	12.89	13.75	0.86	13.32	0.92	3.72	2.94	0	0	0	5	Physical	FALSE	0
A216	B	7/28/2008	16:47:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	2.94	4.54	1.6	3.74	>2.94	>4.54	>3.74	0	0	0	6	Physical	FALSE	0
A216	C	7/28/2008	16:47:00	ST I	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	11.99	13.08	1.09	12.53	1.43	6.11	4.95	0	0	0	7	Physical	FALSE	0
A217	A	7/28/2008	16:55:00	ST I on III	> 4 phi	2 phi	4 to 3 phi	SA.F	FALSE	10.87	11.89	1.02	11.38	0.04	4.01	3.22	0	0	0	10	Physical	FALSE	0
A217	B	7/28/2008	16:56:00	ST I	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	9.49	10.25	0.76	9.87	0.07	4.52	3.57	0	0	0	6	Physical	FALSE	0
A217	C	7/28/2008	16:56:00	ST I	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	10.42	10.94	0.52	10.68	0.7	3.9	3.27	0	0	0	6	Physical	FALSE	0
A218	A	7/28/2008	17:01:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	7.36	8.57	1.21	7.97	1.07	3.72	3.05	0	0	0	6	Physical	FALSE	0
A218	B	7/28/2008	17:02:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	8.92	9.49	0.57	9.2	0.55	5.19	4.24	0	0	0	7	Physical	FALSE	0
A218	C	7/28/2008	17:03:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	8.07	8.67	0.6	8.37	0.55	4.27	3.71	0	0	0	6	Physical	FALSE	0
A219	A	7/28/2008	17:10:00	ST I	3 phi	1 phi	2 to 1 phi	SA.M	FALSE	5.11	5.84	0.73	5.48	>5.11	>5.84	>5.48	0	0	0	7	Physical	FALSE	2
A219	B	7/28/2008	17:11:00	ST I	4 phi	1 phi	2 to 1 phi	SA.M	FALSE	3.7	4.68	0.98	4.19	>3.7	>4.68	>4.19	0	0	0	7	Physical	FALSE	2
A219	C	7/28/2008	17:12:00	ST I	3 phi	1 phi	2 to 1 phi	SA.M	FALSE	4.44	5.06	0.62	4.75	>4.44	>5.06	>4.75	0	0	0	7	Physical	FALSE	5
A220	A	7/29/2008	15:47:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	9.49	9.78	0.29	9.64	2.17	5.3	4.85	0	0	0	7	Physical	FALSE	0
A220	B	7/29/2008	15:47:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	9	10.35	1.35	9.68	0.07	4.89	3.21	0	0	0	6	Not Set	FALSE	0
A220	C	7/29/2008	15:48:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	3.46	10.63	7.17	7.05	0.52	4.49	2.76	0	0	0	5	Physical	FALSE	0
A221	A	7/29/2008	15:58:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	7.81	8.59	0.78	8.2	0.63	3.2	2.31	0	0	0	5	Physical	FALSE	1
A221	B	7/29/2008	15:59:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	5.49	7.12	1.63	6.3	0.88	3.94	3.1	0	0	0	6	Physical	FALSE	1
A221	C	7/29/2008	15:59:00	ST I	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	6.72	7.93	1.21	7.32	0.18	3.13	2.33	0	0	0	5	Physical	FALSE	0
A222	A	7/30/2008	16:05:00	ST I	3 phi	1 phi	2 to 1 phi	SA.M	FALSE	3.8	5.08	1.28	4.44	>3.8	>5.08	>4.44	0	0	0	7	Physical	FALSE	0
A222	B	7/30/2008	16:05:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	1.61	3.78	2.17	2.69	>1.61	>3.78	>2.69	0	0	0	5	Physical	FALSE	0
A222	C	7/30/2008	16:06:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.02	3.37	1.35	2.69	>2.02	>3.37	>2.69	0	0	0	5	Physical	FALSE	0
A223	A	7/29/2008	16:14:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	13.37	13.72	0.35	13.55	1.1	5	4.47	0	0	0	11	Physical	FALSE	0
A223	B	7/29/2008	16:15:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	12.99	13.43	0.44	13.21	3.61	4.82	4.4	0	0	0	7	Physical	FALSE	0
A223	C	7/29/2008	16:15:00	ST I on III	> 4 phi	3 phi	> 4 phi	UN.SF	FALSE	13.29	14	0.71	13.65	0.77	5.55	4.66	0	0	0	11	Physical	FALSE	0
A223B	A	7/29/2008	16:22:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	14.95	15.88	0.93	15.41	1.07	4.56	3.7	0	0	0	10	Physical	FALSE	0
A223B	B	7/29/2008	16:23:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	12.56	16.69	4.13	14.62	0.33	4.71	2.89	0	0	0	5	Physical	FALSE	0
A223B	C	7/29/2008	16:23:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	TRUE	14.38	14.57	0.19	14.48	0.37	5.63	4.64	0	0	0	7	Physical	FALSE	0
A224	A	7/29/2008	16:31:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	11.18	12.89	1.71	12.03	1.25	4.93	3.93	0	0	0	7	Physical	FALSE	0
A224	B	7/29/2008	16:31:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	12.58	13.51	0.93	13.05	0.22	4.78	3.51	0	0	0	6	Physical	FALSE	0
A224	C	7/29/2008	16:34:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	TRUE	12.8	14	1.2	13.4	0.37	4.38	3.3	0	0	0	6	Physical	FALSE	0
A225	A	7/29/2008	16:53:00	ST I	3 phi	4 phi	4 to 3 phi	UN.SF	FALSE	10.73	11.37	0.64	11.05	0.4	4.27	3.44	0	0	0	6	Physical	FALSE	3
A225	B	7/29/2008	16:55:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	11.68	12.23	0.55	11.95	0.33	6.66	4.01	0	0	0	7	Physical	FALSE	0
A225	C	7/29/2008	16:55:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	11.09	12.04	0.95	11.57	1.69	6.25	4.46	0	0	0	7	Physical	FALSE	1
A226	A	7/29/2008	15:30:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.83	3.44	0.61	3.13	>2.83	>3.44	>3.13	0	0	0	6	Physical	FALSE	0
A226	B	7/29/2008	15:30:00	ST I	4 phi	1 phi	2 to 1 phi	SA.M	FALSE	9.4	9.71	0.31	9.56	0.37	5.15	3.67	0	0	0	6	Physical	FALSE	0
A226	C	7/29/2008	15:31:00	ST I	> 4 phi	3 phi	4 to 3 phi	SA.M	FALSE	2.47	2.8	0.33	2.63	>2.47	>2.8	>2.63	0	0	0	5	Physical	FALSE	0
A227	A	7/30/2008	16:19:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	10.9	11.51	0.61	11.2	1.07	4.93	3.64	0	0	0	6	Physical	FALSE	2
A227	B	7/30/2008	16:20:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	9.9	10.63	0.73	10.26	2.69	4.89	4.22	0	0	0	11	Physical	FALSE	3
A227	C	7/30/2008	16:21:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	5.93	8.35	2.42	7.14	0.15	4.38	3.08	0	0	0	10	Physical	FALSE	3
A228	A	7/29/2008	15:06:00	INDET	N/A	N/A	N/A	IND	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Indeterminat	FALSE	0
A228	B	7/29/2008	15:07:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	3.94	4.79	0.85	4.36	>3.94	>4.79	>4.36	0	0	0	7	Physical	FALSE	0
A228	C	7/29/2008	15:08:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	1	1.61	0.61	1.31	>1	>1.61	>1.31	0	0	0	3	Physical	FALSE	5
A229	A	7/30/2008	16:32:00	INDET	N/A	N/A	N/A	IND	FALSE	0	0	0	0	0	0	0	0	0	0	99	Indeterminat	FALSE	0
A229	B	7/30/2008	16:33:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.78	3.54	0.76	3.16	>2.78	>3.54	>3.16	0	0	0	6	Physical	FALSE	0
A229	C	7/30/2008	16:34:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	0.79	1.04	0.25	0.91	>0.79	>1.04	>0.91	0	0	0	3	Physical	FALSE	0
A230	B	39658	15:17:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Physical	FALSE	5
A230	C	39658	15:17:00	ST I	4 phi	2 phi	3 to 2 phi	SA.M	FALSE	2.32	4.89	2.57	3.61	>2.32	>4.89	>3.61	0	0	0	6	Physical	FALSE	15

Table C-2. Port Gardner SPI Image Analysis Results

Station	Rep	Date	Time	Successional Stage[1]	Grain Size (phi)			Benthic Habitat[2]	Mud Clasts Present	Camera Penetration (cm)				Apparent RPD Thickness (cm)			Methane			OSI	Surface Roughness	Low DO	Wood Debris Percent
					Min	Max	Maj Mode			Min	Max	Range	Mean	Min	Max	Mean	Count	Mean Depth	Diameter				
A231	A	7/30/2008	16:58:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	1.93	4.58	2.65	3.25	>1.93	>4.58	>3.25	0	0	0	6	Physical	FALSE	0
A231	B	7/30/2008	16:58:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.04	3.42	1.38	2.73	>2.04	>3.42	>2.73	0	0	0	5	Physical	FALSE	3
A231	C	7/30/2008	16:59:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	1.71	4.03	2.32	2.87	>1.71	>4.03	>2.87	0	0	0	5	Physical	FALSE	0
A232	A	7/30/2008	17:09:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	0.83	1.19	0.36	1.01	>0.83	>1.19	>1.01	0	0	0	3	Physical	FALSE	0
A232	B	7/30/2008	17:10:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	1.59	4.96	3.37	3.28	>1.59	>4.96	>3.28	0	0	0	6	Physical	FALSE	0
A232	C	7/30/2008	17:10:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.5	2.92	0.42	2.71	>2.5	>2.92	>2.71	0	0	0	5	Physical	FALSE	2
A233	A	7/30/2008	17:19:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	4.92	6.41	1.49	5.66	>4.92	>6.41	>5.66	0	0	0	7	Physical	FALSE	1
A233	B	7/30/2008	17:20:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	5.72	6.63	0.91	6.18	1.43	5.74	5.24	0	0	0	7	Physical	FALSE	2
A233	C	7/30/2008	17:20:00	ST I	3 phi	0 phi	2 to 1 phi	SA.G	FALSE	5.03	9.11	4.08	7.07	0.22	7.98	5.55	0	0	0	7	Physical	FALSE	0
A235	A	7/30/2008	17:28:00	ST I	2 phi	< -1 phi	< -1 phi	SA.G	FALSE	0	0	0	0	>0	>0	>0	0	0	0	1	Physical	FALSE	0
A235	B	7/30/2008	17:28:00	ST I	1 phi	< -1 phi	0 to -1 phi	SA.G	FALSE	1.66	2.37	0.71	2.01	>1.66	>2.37	>2.01	0	0	0	4	Physical	FALSE	0
A235	C	7/30/2008	17:29:00	ST I	1 phi	< -1 phi	0 to -1 phi	SA.G	FALSE	1.99	2.75	0.76	2.37	>1.99	>2.75	>2.37	0	0	0	5	Physical	FALSE	0
A236	A	7/30/2008	17:40:00	ST I	> 4 phi	2 phi	4 to 3 phi	SA.F	FALSE	6.79	7.62	0.83	7.2	0.29	3.24	1.53	0	0	0	4	Physical	FALSE	0
A236	B	7/30/2008	17:41:00	ST I	> 4 phi	2 phi	4 to 3 phi	SA.F	FALSE	6.22	6.88	0.66	6.55	0.22	2.76	1.51	2	2.66	0.46	2	Physical	FALSE	0
A236	C	7/30/2008	17:41:00	ST I	> 4 phi	2 phi	4 to 3 phi	SA.F	FALSE	5.68	6.34	0.66	6.01	0.22	1.99	1.26	0	0	0	3	Physical	FALSE	0
A237	A	7/30/2008	18:04:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Indeterminat	FALSE	0
A237	B	7/30/2008	18:04:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Indeterminat	FALSE	0
A237	C	7/30/2008	18:05:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	e	FALSE	0
A244	A	7/31/2008	19:45:00	ST I on III	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	7.31	8.31	1	7.81	1.36	3.75	3.32	0	0	0	10	Physical	FALSE	0
A244	B	7/31/2008	19:45:00	ST I	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	5.72	8.1	2.38	6.91	1.36	4.64	3.64	0	0	0	6	Physical	FALSE	0
A244	C	7/31/2008	19:46:00	ST I on III	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	6.79	7.95	1.16	7.37	0.55	4.64	4.13	0	0	0	11	Physical	FALSE	0
A245	A	7/31/2008	19:57:00	ST I	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	5.13	5.65	0.52	5.39	0.52	3.24	2.63	0	0	0	5	Physical	FALSE	0
A245	B	7/31/2008	19:58:00	ST I on III	> 4 phi	2 phi	4 to 3 phi	SA.F	TRUE	3.46	4.16	0.7	3.81	1.47	3.24	2.54	0	0	0	9	Physical	FALSE	0
A245	C	7/31/2008	19:59:00	ST I	> 4 phi	2 phi	4 to 3 phi	SA.F	FALSE	4.13	4.65	0.52	4.39	0.26	4.01	3.43	0	0	0	6	Physical	FALSE	0
A301	A	7/31/2008	17:25:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	9.38	10.92	1.54	10.15	>9.38	>10.92	>10.15	0	0	0	7	Physical	FALSE	0
A301	B	7/31/2008	17:26:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	8.24	10.35	2.11	9.3	>8.24	>10.35	>9.3	0	0	0	7	Physical	FALSE	0
A301	C	7/31/2008	17:27:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	9.44	10.57	1.13	10	>9.44	>10.57	>10	0	0	0	7	Physical	FALSE	3
A302	A	7/31/2008	17:33:00	INDET	> 4 phi	2 phi	> 4 phi	UN.SF	FALSE	11.39	12.89	1.5	12.14	-99	-99	-99	0	0	0	99	Physical	FALSE	0
A302	B	7/31/2008	17:34:00	ST I	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	8.88	10.8	1.92	9.84	0.37	4.86	3.86	0	0	0	7	Physical	FALSE	0
A302	C	7/31/2008	17:35:00	ST I on III	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	10.25	12.94	2.69	11.59	0.59	5.63	4.2	0	0	0	11	Physical	FALSE	0
A303	A	7/31/2008	17:44:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	.	4.87	4.87	2.43	>0	>4.87	>2.43	0	0	0	5	Physical	FALSE	0
A303	B	7/31/2008	17:44:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	4.22	5.46	1.24	4.84	>4.22	>5.46	>4.84	0	0	0	7	Physical	FALSE	10
A303	C	7/31/2008	17:45:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	e	FALSE	0
A304	A	7/31/2008	17:52:00	ST I	4 phi	1 phi	2 to 1 phi	SA.G	FALSE	7.38	11.53	4.15	9.45	>7.38	>11.53	>9.45	0	0	0	7	Physical	FALSE	0
A304	B	7/31/2008	17:53:00	ST I	4 phi	2 phi	3 to 2 phi	SA.G	FALSE	5.13	8.14	3.01	6.64	1.29	5.44	4.43	0	0	0	7	Physical	FALSE	1
A304	C	7/31/2008	17:53:00	ST I	4 phi	1phi	2 to 1 phi	SA.G	FALSE	7.07	10.09	3.02	8.58	>7.07	>10.09	>8.58	0	0	0	7	Physical	FALSE	1
A305	A	7/31/2008	17:59:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	Indeterminat	FALSE	0
A305	B	7/31/2008	18:00:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	0.88	1.61	0.73	1.25	>0.88	>1.61	>1.25	0	0	0	3	Physical	FALSE	5
A305	C	7/31/2008	18:00:00	INDET	N/A	N/A	N/A	HR	FALSE	0	0	0	0	-99	-99	-99	0	0	0	99	e	FALSE	0
A306	A	7/31/2008	18:08:00	ST I on III	> 4 phi	2 phi	4 to 3 phi	UN.SF	FALSE	12.34	12.91	0.57	12.62	2.46	6.22	4.86	0	0	0	11	Physical	FALSE	0
A306	B	7/31/2008	18:08:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	12.51	12.89	0.38	12.7	0.52	6.73	5.93	0	0	0	11	Physical	FALSE	0
A306	C	7/31/2008	18:09:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	UN.SF	FALSE	12.8	13.51	0.71	13.16	2.54	7.1	5.26	0	0	0	11	Physical	FALSE	0
A307	A	7/31/2008	18:28:00	ST I	4 phi	2 phi	3 to 2 phi	SH.SA	FALSE	1.45	1.8	0.35	1.62	>1.45	>1.8	>1.62	0	0	0	4	Physical	FALSE	0
A307	B	7/31/2008	18:29:00	ST I	4 phi	2 phi	3 to 2 phi	SA.M	FALSE	1.26	1.93	0.67	1.6	>1.26	>1.93	>1.6	0	0	0	4	Physical	FALSE	0
A307	C	7/31/2008	18:29:00	ST I	4 phi	2 phi	3 to 2 phi	SA.M	TRUE	1.45	1.83	0.38	1.64	>1.45	>1.83	>1.64	0	0	0	4	Physical	FALSE	0
A307B	A	7/31/2008	18:38:00	ST I	> 4 phi	2 phi	4 to 3 phi	SA.F	FALSE	6.63	6.96	0.33	6.8	0.11	3.61	2.68	12	2	0.97	3	Physical	FALSE	0
A307B	B	7/31/2008	18:39:00	ST I	> 4 phi	2 phi	4 to 3 phi	SA.F	FALSE	4.92	6.03	1.11	5.48	0.18	4.34	1.5	2	2.23	0.6	1	Physical	FALSE	0
A307B	C	7/31/2008	18:40:00	ST I on III	> 4 phi	2 phi	4 to 3 phi	SA.F	TRUE	5.27	6.03	0.76	5.65	0.44	1.8	1.03	8	1.39	0.44	5	Physical	FALSE	0
A313	A	7/30/2008	18:17:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.64	3.51	0.87	3.08	>2.64	>3.51	>3.08	0	0	0	6	Physical	FALSE	2
A313	B	7/30/2008	18:17:00	ST I	4 phi	1 phi	2 to 1 phi	SA.G	FALSE	4.18	6.17	1.99	5.18	>4.18	>6.17	>5.18	0	0	0	7	Physical	FALSE	0
A313	C	7/30/2008	18:18:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.85	3.35	0.5	3.1	>2.85	>3.35	>3.1	0	0	0	6	Physical	FALSE	0
A401	A	7/31/2008	15:13:00	ST I	3 phi	1 phi	3 to 2 phi	SA.M	FALSE	2.45	3.61	1.16	3.03	>2.45	>3.61	>3.03	0	0	0	6	Physical	FALSE	0
A401	B	7/31/2008	15:13:00	ST I	4 phi	2 phi	4 to 3 phi	SA.F	FALSE	0.9	3.27	2.37	2.09	0.66	3.31	2.55	0	0	0	5	Physical	FALSE	0
A401	C	7/31/2008	15:14:00	ST I	4 phi	2 phi	4 to 3 phi	SA.F	FALSE	1.17	2.61	1.44	1.89	>1.17	>2.61	>1.89	0	0	0	4	Physical	FALSE	0
A402	A	7/31/2008	15:28:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	9.59	12.48	2.89	11.03	2.94	9.27	6.85	0	0	0	7	Physical	FALSE	2
A402	B	7/31/2008	15:28:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	9.92	11.37	1.45	10.65	0.81	7.61	6.39	0	0	0	7	Physical	FALSE	1
A402	C	7/31/2008	15:29:00	ST I	4 phi	1 phi	2 to 1 phi	SA.M	FALSE	10.71	12.29	1.58	11.5	0.26	7.06	6.56	0	0	0	7	Physical	FALSE	1
A403	A	7/31/2008	15:38:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	3.21	4.39	1.18	3.8	>3.21	>4.39	>3.8	0	0	0	7	Physical	FALSE	0
A403	B	7/31/2008	15:38:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.73	4.32	1.59	3.53	>2.73	>4.32	>3.53	0	0	0	6	Physical	FALSE	0
A403	C	7/31/2008	15:39:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	4.18	5.2	1.02	4.69	>4.18	>5.2	>4.69	0	0	0	7	Physical	FALSE	0

Table C-2. Port Gardner SPI Image Analysis Results

Station	Rep	Date	Time	Successional Stage[1]	Grain Size (phi)			Benthic Habitat[2]	Mud Clasts Present	Camera Penetration (cm)				Apparent RPD Thickness (cm)			Methane			OSI	Surface Roughness	Low DO	Wood Debris Percent
					Min	Max	Maj Mode			Min	Max	Range	Mean	Min	Max	Mean	Count	Mean Depth	Diameter				
A404	A	7/31/2008	15:47:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	3.18	5.72	2.54	4.45	>3.18	>5.72	>4.45	0	0	0	7	Physical	FALSE	0
A404	B	7/31/2008	15:48:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	4.89	5.77	0.88	5.33	>4.89	>5.77	>5.33	0	0	0	7	Physical	FALSE	0
A404	C	7/31/2008	15:48:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	3.59	6.45	2.86	5.02	>3.59	>6.45	>5.02	0	0	0	7	Physical	FALSE	0
A405	A	7/31/2008	15:59:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.31	4.3	1.99	3.31	>2.31	>4.3	>3.31	0	0	0	6	Physical	FALSE	0
A405	B	7/31/2008	16:00:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	2.35	5.27	2.92	3.81	>2.35	>5.27	>3.81	0	0	0	7	Physical	FALSE	0
A405	C	7/31/2008	16:01:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	3.75	6.6	2.85	5.18	>3.75	>6.6	>5.18	0	0	0	7	Physical	FALSE	0
A406	A	7/31/2008	16:13:00	ST I	3 phi	1 phi	2 to 1 phi	SA.G	FALSE	10.11	11.94	1.83	11.02	1.51	7.25	5.55	0	0	0	7	Physical	FALSE	0
A406	B	7/31/2008	16:14:00	ST I on III	3 phi	1 phi	2 to 1 phi	SA.M	FALSE	11.82	12.48	0.66	12.15	3.75	5.89	5.06	0	0	0	11	Not Set	FALSE	0
A406	C	7/31/2008	16:15:00	ST I	3 phi	1 phi	2 to 1 phi	SA.M	FALSE	10.99	12.91	1.92	11.95	0.26	6.22	5.3	0	0	0	7	Physical	FALSE	0
A407	A	7/31/2008	16:28:00	ST I	> 4 phi	2 phi	4 to 3 phi	SA.F	FALSE	4.11	5.01	0.9	4.56	1.1	3.46	2.69	0	0	0	5	Physical	FALSE	0
A407	B	7/31/2008	16:29:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	6.17	6.79	0.62	6.48	0.44	3.42	2.13	0	0	0	8	Physical	FALSE	2
A407	C	7/31/2008	16:30:00	ST I on III	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	5.53	6.55	1.02	6.04	0.29	2.83	2.35	4	3.5	0.3	7	Physical	FALSE	0
A408	A	7/31/2008	16:47:00	ST I	> 4 phi	3 phi	4 to 3 phi	SA.F	FALSE	5.44	5.82	0.38	5.63	0.37	3.53	3.03	0	0	0	6	Physical	FALSE	0
A408	B	7/31/2008	16:48:00	ST I	> 4 phi	2 phi	4 to 3 phi	SA.F	FALSE	3.46	4.73	1.27	4.1	0.92	4.19	2.84	0	0	0	5	Physical	FALSE	0
A408	C	7/31/2008	16:48:00	ST I	4 phi	3 phi	4 to 3 phi	SA.F	FALSE	5.69	6.36	0.67	6.03	1.07	4.19	3.32	0	0	0	6	Physical	FALSE	0

1 See Section 3.1.5 of the report for Infaunal Successional Stage classifications
2 See Table 3-2 in the report regarding Benthic Habitat Type classifications
RPD Redox Potential Discontinuity
OSI Organism-Sediment Index (see Section 3.1.6 of the report)
INDET Indeterminate
DO Dissolved Oxygen

Table C-2. Port (

Station	Rep	Comments
A101	A	tan/gry sandy m, reduced below RPD, sulphidic, wood debris on surface, collapsed relic void?
A101	B	tan/gry sandy mud, reduced below rpd, possible feeding halo or RPD dragdown, reduced mud clast, streaks wht clay at depth, possible decomposed wood debris
A101	C	tan/gry sandy mud, reduced below rpd, sulphidic, possible collapsed voids
A102	D	gray sandy mud, reduced, anoxiic, azoic, RPD extremely shallow or not present, large sediment methane bubbles
A102	E	gray sandy mud, anoxic, azoic sulphidic, no rpd, disturbed surface from camera frame or methane release? sediment methane bubbles near surface
A102	F	gray sandy mud, anoxic, azoic, shallow portion rpd or not present, reduced, sulphidic, sediment methane at depth
A102B	A	gray sandy mud, extremely shallow rpd or not present, reduced suphidic oxygenated surface floc, possible wood debris surface
A102B	B	sandy gry mud, shallow rpd, reduced, sulphidic mud at depth brown floc layer (diatom/cyano?) on surface, camera shear, possible collapsed void
A102B	C	gray sandy mud disturbed surface, rpd disturded or not present, fragments of grn/brn surface floc layer, reduced suphidic
A103	A	gry blk sandy mud, disturbed surface, wood debris farfield? shallow or not present rpd. frags of brown surface floc.
A103	B	gry sandy mud, possible woody debris with pulldown of material, dark clay right side, brown surface floc (diatom/cyano)
A103	C	tan/gry sandy mud, tan surface w brown floc frags, tubes surface, reduced, sulphidic, possible collapsed void, streaks wht clay
A104	A	tan and gray sandy mud, brown floc layer (diatom/cyano) on surface, reduced at depth, sulphidic
A104	B	tan and gry sandy mud, shallow rpd brown floc layer surface (diatom/cyano), reduced, sulphidic possible collapsed void?
A104	C	tan ands gray sandy mud, slightlty disturbed surface camera frame?, frags of brown floc, reduced at depth
A105	A	hard bottom surface shot, no pen,sediment NA, large encrusted rock foreground,
A105	B	hard bottom surface shot, no pen, shell or rock in right corner, base frame elevation suggests prism rests between large rocks
A105	C	tan and gry sandy mud, brown floc frags surface, possible colllapsed void, slightly reduced at depth, possible wood particles at depth
A106	A	tan and gry sandy mud, irregular surface, reduced, possible burrow or wood debris pulldown
A106	B	gray sandy mud, shallow rpd w brown floc layer (diatom/cyano), reduced, sulphidic, large sediment methane bubbles
A106	C	gray sandy mud, shallow rpd, reduced, sulphidic, decayed Zostera or macroalgae, wood piece, possible wood farfield?
A107	A	tan gray sandy mud, shallow rpd, brown floc surface (diatom/cyano), reduced sulphidic, large piece woody debris
A107	B	gray sandy mud, disturbed surface and shallow rpd, reduced ,possible burrow or rocks, debris sand patch or disturbed surface fecal layer left?
A107	C	gray sandy mud, pulldown disturbed shallow rpd, w brown floc surface layer (diatom/cyano) reduced, sulphidic
A108	A	tan and gray sandy mud, brown floc layer (diatom/cyano) surface, reduced , collapsed void at right?
A108	B	surface /water shot column suspended floc material
A108	C	suface /water shot suspended material in water column
A109	A	tan and gry sandy mud, shallow rpd w brown floc layer, higher organic reduced center, wood debris and bark at depth
A109	B	tan and gry sandy mud, shallow rpd, organic material wood debris mixed in sediiment
A109	C	gray sandy mud, shallow rpd w brown floc layer, woody debris on surface and mixed in sediment
A110	A	gray sandy mud, shallow rpd w brown floc frags, reduced , large wood debris on surface pulldown
A110	B	gray sandy mud,,rpd extremely shallow or not present, possible disturbed surface or azoic, reduced throughout
A110	C	gray sandy mud, shallow rpd w frags of brown floc (diatom/cyano), reduced, sulphidic.
A111	A	tan and gry sandy mud, shallow rpd disturbed by pulldown of wood debris, brown floc, tree branch far field
A111	B	tan and gry sandy mud, shallow rpd disturbed by woody debris pulldown on surface, debris (wood, shell) mixed into sediment
A111	C	tan and gray sandy mud mixed with woody debris, rpd indet due to debris, brown floc surface, floc layer in wood debris voids
A112	A	gray sandy mud, very shallow rpd of not present, reduced throughout, sulphidic
A112	B	tan and gray sandy mud, shell frags, reduced, tube or anemone surface?
A112	C	tan and gray sandy mud, brown floc frags surface (cyano/diatom), reduced, sulphidic
A113	A	tan and gray sandy mud w clay fraction, sandy surface, large clay shear artifacts at depth, possible fine wood particles enriched in upper 2 cm (3%).
A113	B	tan and gray sandy mud w clay fraction, sandy surface, poly in feeding void left, shell frags clay shear artifacts, shell or rock farfield
A113	C	tan and gry sandy mud, w clay fraction sandy surface, shell frags, void, possible fine wood fragments in upper 3 cm (2-3%)
A114	A	tan and gry sandy mud mixed with wood debris, rpd indet due to debris, brown floc surface (cyano/diatom), shell frags, reduced at depth
A114	B	tan and gry sandy mud mixed w wood debris, organic material at surface, plant stem, tree branch? farfield
A114	C	gray sandy mud w clay fraction mixed w wood debris, silty surface, slighlty reduced at depth, shell frags
A115	A	gray f sand w mud and clay fraction, clay shear artifact, shell frags encrusted rock
A115	B	gray f sand and mud w clay fraction, tubes surface , possible void or pulldown reduced portion left , polys at depth, wood piece on surface
A115	C	tan and gray sandy mud w clay fraction, shell frags, rock, shell frags, possible void burrow w organism?
A116	A	tan and gray f sand and mud w clay fraction, clean sandy surface, shell frags, rock, slightly reduced at depth
A116	B	tan and gray sandy mud, reduced, sulphidic, streak of wht clay, possible small void on right
A116	C	tan and gry sandy mud, loose floc on surface, shell frags, reduced at depth
A117	A	tan and gray sandy mud mixed w organic matter wood debris, silty surface, slighlty reduced at depth
A117	B	tan and gray sandy mud w clay fraction, wood debris & rocks left, possible voids, poly at depth
A117	C	tan and gray sandy mud w clay fraction, organic matter wood pieces mixed in sediment, clay shear artifact at depth, reduced, shell frags

Table C-2. Port (

Station	Rep	Comments
A118	A	tan and gray f sand and mud w clay fraction, surface tubes, clay shear artifact, possible void lower left, buried wood piece center
A118	B	tan and gray f sand and mud, w clay fraction, silty surface, wood pieces upper left, large clay shear artifact, poly at depth
A118	C	tan and gray f sand and mud w clay fraction, surface disturbed. silty, possible void left, wood/organic fibers at center
A119	A	surface shot, debris or rock right corner, hard bottom?
A119	B	tan and gray sandy mud w clay fraction, clean surface void, collapsed voids? camera shear artifact
A119	C	tan and gray sandy mud, w clay fraction sandy surface active void, slighlty reduced at depth
A120	A	tan and gray sandy mud mixed w wood debris, organic matter encrusted rock, anemone , wood piece farfield?
A120	B	tan and gray sandy mud w clay fraction, silty surface w fine organic/wood pieces, slighlty reduced at depth
A120	C	hard bottom surface shot, encrusted rock or wood debris farfield
A121	A	tan and gray mud mixed w wood debris right, silty surface , tube? shell frags
A121	B	tan and gray sandy mud w clay fraction, fine wood debris in sediment and pieces on surface, sediment methane
A121	C	tan and gray sandy mud w clay fraction, wood piece left, fine wood debris, reduced at depth, clay shear artifact
A122	A	tan and gray sandy mud w clay fraction, small void on left, shear artifact at depth
A122	B	tan and gray sandy mud, clean surface , clay shear artifact at depth, surface w burrow or disturbed from camera frame
A122	C	tan and gray sandy mud w clay fraction, sand ripples? clay shear camera artifact, wood clump and gastropod?
A123	A	tan and gray sandy mud w clay fraction, clean surface rolling topography, small voids at depth, slightly reduced at depth
A123	B	tan and gray sandy mud w clay fraction, organisms on surface? voids, clay shear artifact , slighlty reduced at depth
A123	C	tan and gray sandy mud w clay fraction, clean surface, feeding void w poly, clay shear artifact, slighlty reduced at depth, shell frag
A124	A	tan and gray sandy mud mixed w woody debris (small & large frags), silty surface, wood fragment pulled down, reduced
A124	B	tan and gray sandy mud w clay fraction, silty surface large fragment of wood debris , algae, slightly reduced at depth.
A124	C	tan and gray sandy mud w clay fraction, silty surface, silt draped mussel shell? slighlty reduced at depth, fine wood particles in upper 3 cm?
A125	A	tan and gray sandy mud w clay fraction, silt drape on irregular surface, reduced, wood pieces on surface, algae pulled down into sediment
A125	B	tan and gray sandy mud w clay fraction, irregular surface entrained wood debris, reduced, shell frags
A125	C	tan and gray sandy mud w clay fraction, silty surface, wood debris @ surface & farfield, reduced at depth
A126	A	water shot
A126	B	tan and gray sandy mud w clay fraction, sillty surface pulldown, clay shear, shell frags
A126	C	tan and gray sandy mud, clean surface w numerous tubes, sloping topography. clay camera shear at depth
A127	A	tan and gray silty f sand, clean surface, homogemous, f wood particles on surface
A127	B	tan and gray silty f sand w clay fraction, shell frags & fine wood debris on suface , homogenous
A127	C	tan and gray silty sand w clay fraction, clean surface pulldown w wood particles, reduced streaks and streaks wht clay
A128	A	tan and gray sandy mud w clay fraction, silty surface w algae, reduced at depth, clay shear at depth, void on right
A128	B	tan and gray silty f sand w clay fraction, numerous tubes surface, poly at depth, algae pulldown, reduced wood debris surface
A128	C	tan and gray silty f sand w clay fraction, large frags od wood debris, plank w woodgrain, silt drape wood debris farfield
A129	A	gray f sand, low pen, clean surface anemone or shell ? farfield
A129	B	gray f sand, low pen, slight silt drape on surface, sloping topography, shell frag
A129	C	gray f sand low pen, clean surface, smalll shell frags
A131	A	gray med sand, thick mat of Ulva on surface, separation of surface layer from underlying sand, not reduced.
A131	B	gray med sand, surface layer separated from underlying sand, mat of dead Ulva, not reduced
A131	C	gray med sand, separation of surface layer from underlying sand, mat of dead Ulva w snail feeding, macroalgae farfield.
A132	A	tan and gray f sand and mud w clay fraction, sloping topography, oxygenated, some silt on surface
A132	B	tan and gray sandy mud w clay fraction, tubes surface, void, streaks tan clay
A132	C	tan and gray sandy mud w clay fraction, slightlty reduced clay at depth, stage i tubes and feeding voids
A133	A	tan and gray sandy mud w clay fraction, slightly reduced clay, tubes surface, polys at depth
A133	B	tan and gray silty sand w clay fraction, reduced streaks of clay, stage i tubes on large clasts, shell frag or snail?
A133	C	tan and gray sandy mud w clay fraction, sandy surface w stage I tubes, reduced clay streaks at depth, voids
A134	A	tan and gray sandy mud w clay fraction, sandy surface, reduced streaks of clay, feeding voids, small wood particles on surface?
A134	B	gray silty sand w clay fraction, streaks of reduced clay, stage I tubes surface, feeding voids
A135	A	tan and gray sandy mud w clay fraction, stick amphipods surface, streaks reduced clay, feeding voids, sloping topography
A135	B	tan and gray sandy mud w clay fraction, sandy surface, tubes surface, voids, streaks reduced clay
A135	C	tan and gray sandy mud w clay fraction, tubes surface, voids and clay shear at depth
A136	A	tan and gray sandy mud, sandy surface oxygenated, tubes surface feeding voids shell frags
A136	B	tan and gray sandy mud, sandy surface oxygenated, voids, feeding halo, poly at depth
A136	C	tan and gray sandy mud, sandy surface, tubes, oxygenated, voids and clay shear at depth
A137	A	tan and gray sandy mud w clay fraction, sandy surface, tubes, feeding voids, streaks of slightly reduced clay
A137	B	tan and gray sandy mud, sandy surface, tubes feeding voids, streaks slighlty reduced clay, clay shear
A137	C	tan and gray sandy mud, sandy surface, tubes feeding voids, streak of reduced clay, polys at depth
A138	A	gray med clean sand, trace silt and algae frags on surface
A138	B	gray med clean sand, trace silt and frags of algae on surface
A138	C	gray clean med sand, sloping topography, frags of green algae, shell frags

Table C-2. Port (

Station	Rep	Comments
A139	A	tan and gray sandy mud w clay fraction, tubes, fecal coil surface, voids, shell frag
A139	B	tan and gray sandy mud w sandy surface, disturbed pullaway, feeding halo? shell frags
A139	C	tan and gray sandy mud w clay fraction, slightly reduced consolidated sediment layer
A140	A	gray clean med sand, slightly silt or brown floc on surface, shell frag
A140	B	gray med clean sand, low pen, shell frags, slight silt or brown floc surface shell and sea pen? far field
A140	C	gray med clean sand, sloping topography shell frags slight silt layer
A141	A	gray med clean sand, slight silt layer, large tube or siphon, shell frags
A141	B	gray med clean sand, light silt layer frags algae on surface shell frags
A141	C	gray med clean sand, bedforms, slight silt frags of algae on surface, shell frags
A143	A	brown coarse clean sand and gravel, shell frag
A143	B	brown and gray clean coarse sand and gravel, low pen, Ulva , shells
A143	C	brown clean coarse sand and gravel , low pen, silty surface, shell frags, silt
A144	A	gray silty f sand, surface tubes, poly at depth, streak reduced clay
A144	B	gray silty f sand, slighlty reduced at depth, frags algae on surface
A144	C	gray sandy mud, clean sandy surface, frags of algae, streaks of reduced sed, shells far field
A145	A	tan and gray sandy mud w clay fraction, silty surface, oxygenated, streaks wht clay, lg burrow opening?
A145	B	tan and gray sandy mud w clay fraction, silty surface sloping topography, oxygenated, voids, clay shear artifact
A145	C	tan and gray sandy mud w clay fraction, feeding voids, tube surface oxygenated
A146	A	gray meduim sand, streaks of reduced , tube pulled down, frags Ulva, blade of Zostera m. farfield
A146	B	gray med sand, slighlty reduced, blades of Zostera m., shell frags
A146	C	gray fine sand and mud, shallow rpd, reduced, snail on surface
A147	A	tan/gry med sand, clean surface, shell frags Ulva farfield
A147	B	gray/brn med clean sand, shell frags
A147	C	gray med clean sand, silty surface, shell frags, frags of algae
A148	A	shell bed, frags of wht/blue mussel shell, macro algae frags
A148	B	shellbed, wht /blue Mussel shell frags, substrate of smaller shell frgs/sand? frags of macroalgae Laminaria?
A148	C	shell bed, frags of wht/blue mussel shell, substrate of smaller shell frags, frags of macro algae
A201	A	gray clean medium sand, clean surface w frags of algae, oxygenated
A201	B	gray med clean sand, slightly silty surface, sloping topography, oxygenated
A201	C	gray fine clean sand w clya fraction on med brn sand, clean surface w frags algae, reduced clay streaks, shell frags
A202	A	brn gray clean med sand, clean surface w frags of algae oxygenated, ripples, possible void left
A202	B	gry/brn med sand w clay fraction , clean surface ,frags of algae, streaks of slighlty reduced clay, possible void
A202	C	brn/gray med clean sand w layers of silt/clay, clean surface w frags algae, streaks of slighlty reduced clay, voids
A203	A	brn coarse clean sand, clean surface, bedforrms oxygenated
A203	B	brn coarse clean sand, clean surface, bedforms
A203	C	brn coarse clean sand, clean surface, bedforms, wood piece surface
A204	A	tan and gray sandy mud w clay fraction, silty surface w frags of algae, Zostera m w algal coating
A204	B	tan and gray muddy sand w streaks of reduced sediment, silty surface poly at depth, Zostera m. blades farfield
A204	C	tan and gray muddy f sand , disturbed surface, frgs of Ulva, Zostera m. blade with algal coating, Zostera farfield.
A205	A	tan and gray muddy f sand, silty surface, reduced sediment layer, Ulva pulled down, Zostera m farfield.
A205	B	tan and gray muddy sand w clay fraction, silty surface, Zostera m., reduced streaks of clay
A205	C	tan and gray muddy sand, silty surface, Zostera m., reduced streaks of clay, shell frags
A206	A	tan and gray med sand w clay fraction layer at depth, clean surface w frags of algae, possible voids & burrow, sloping topography
A206	B	gray/brn med sand, deep pen, clean surface w frags of algae, voids
A206	C	gray/brn med clean sand, clean surface w frags of algae, clay layer at depth, void or collapsed burrow
A207	A	gray muddy sand w clay fraction, silty surface, moderately dense Zostera m. bed, reduced patches of sed at depth
A207	B	gray fine muddy sand, silty surface moderately dense Zostera m.
A207	C	gray fine muddy sand, silty surface, slightly reduced streak Zostera m., clam shell small bubbles on surface
A208B	A	tan clean med sand, clean surface collapsed burrow? oxygenated
A208B	B	tan med sand, clean surface slight silt or frags algae, tubes in void? burrow, oxygenated
A208B	C	tan med clean sand, clean surface, bedforrms burrows or voids, shell frags
A209	A	hard rock bottom, no pen rock encrusted w byroz. and algae
A209	B	hard rock bottom, no pen, rock encrusted w bryoz., or algae
A209	C	hard rock bottom no pen, no visisble rock, camera base frame
A210	A	tan fine sand and mud reduced layer, clean surface w frags algae
A210	B	tan fine sand and mud, slighlty reduced at depth, clean surface w algae frags
A210	C	tan fine sand and mud, reduced layer below shallow rpd, clean surface w frags algae
A211	A	gray coarse sand and gravel, low pen, clean surface, shell frags & wood pieces on surface
A211	B	tan coarse med sand w clay fraction, crusted layer slight silt surface,reduced branch/wood below surface, clam w siphon? far field
A211	C	tan fine sand and mud, clean surface sub surface crusted layer, wood pieces at depth, voids, slightly reduced, shell frags

Table C-2. Port (

Station	Rep	Comments
A212	A	tan and gray sandy mud w clay fraction, fine wood debris, reduced layers, slightly silty surface
A212	B	tan and gray sandy mud w clay fraction, reduced layers at depth, fine wood debis, feeding halo?, clean surface w frags algae
A212	C	tan and gray sandy mud w clay fraction, reduced layer at depth, stage I tube, fine wood debris
A213	A	tan/gray sandy mud reduced at depth, stage I tubes surface, active feeding voids, clay shear at depth
A213	B	tan/gry sandy mud w clay fraction slighlty reduced at depth, numerous active voids
A213	C	tan/gray sandy mud w clay fraction, reduced at depth, slightly slity surface, numerous active voids,feeding halo, poly at depth
A214	A	tan muddy fine sand w clay fraction, silty surface, streaks gry clay on softer sed layer, shell frags, trace fine wood debris
A214	B	tan/gray sandy mud w clay fraction, large methane bubble runs the width of prism. organic debris (incl wood) on surface
A214	C	tan/gray fine sand and mud, tan streaks feeding halos? reduced streaks at depth, Zostera m frags with algae coating
A215	A	gray sandy mud, f sandy surface? dense Enteromorpha pulled down obscures RPD, reduced at depth
A215	B	tan and gray sandy mud, silty surface, Enteramorpha pulled down into sed, reduced, suphidic
A215	C	tan and gray sandy mud, dense Enteramorpha pulled down obscures RPD, reduced sed, streaks of clay
A216	A	tan and gray sandy mud, silty surface with dense Enteromorpha pulled down through rpd, reduced, suphidic at depth
A216	B	tan silty mud, silty surface w dense Enteromorpha throughout top sediment layer pulled through rpd, shallow pen
A216	C	tan and gray sandy mud w silty surface Enteromorpha pulled through rpd, reduced, sulphidic at depth, surface disturbed w reduced sed layer ejected by camera
A217	A	tan and gray fine sand and mud , clean sandy surface w some light silt, streaks of reduced sed, void
A217	B	tan and gray fine sand and mud, clean sandy surface w some silt, streaks rust color and reduced sed, different sed layer below?
A217	C	tan and gray fine sand and mud , clean sandy surface w some silt, streaks rust color sed, more clay fraction at depth?
A218	A	tan and gray sandy mud, sandy silty surface w Enteromorpha pulled through rpd, reduced, sulphidic, clam Mya? at depth
A218	B	tan and gray sandy mud, silty surface w dense algae Enteromorpha? pulled through rpd, reduced at depth
A218	C	tan and gray f. sand and mud, silty surface w algae Enteromorpha? pulled down through rpd, reduced at depth
A219	A	gry/blk coarse/med sand w shell frags, clean surface w trace of silt, scattered wood pieces
A219	B	gray/ blk coarse-med sand, silty f sand surface, shell frags, wood pieces
A219	C	gray/blk coarse-med sand, traces of silt on surface, shell frags, wood pieces
A220	A	tan and gray sandy mud, silty surface w Enteromorpha pulled through rpd, reduced at depth
A220	B	tan and gray sandy mud, silty surface with Enteromorpha pulled through rpd, reduced at depth
A220	C	tan and gray sandy mud, silty surface w Enteromorpha pulled through the rpd, reduced at depth sloping topography
A221	A	tan and gray sandy mud, clean surface w traces silt and algae, reduced, sulphidic at depth, v fine wood debris in surface
A221	B	tan and gray sandy mud, silty surface w organic matter, streaks of rust color clay?, reduced at depth, trace fine wood debris
A221	C	tana and gray f sand /mud , silty surface w organic matter, shelll frags, reducd at depth
A222	A	tan coarse -med sand, low pen, clean surface, shell frags
A222	B	tan coarse to med sand, clean surface, shell frags
A222	C	tan coarse-med sand, clean surface, shell frags
A223	A	tan and gray sandy mud w clay fraction, silty surface, feeding void, reduced layers, clay shear at depth
A223	B	tan and gray sandy mud, slightly silty surface, reduced at depth
A223	C	tan and gray sandy mud, silty surface, reduced layer sed layer, void, clay shear art depth
A223B	A	tan and gray sandy mud, slightly silty surface, void w poly at depth. reduced, sulphidic
A223B	B	tan and gray sandy mud ,disturbed silty surface, reduced at depth, streaks of wht clay
A223B	C	tan and gray sandy mud, reduced at depth, clay clasts, tube surface,
A224	A	tan and gray sandy mud, silty surface, reduced at depth, streaks of wht clay
A224	B	tan and gray silty f sand, silty surface, slightly reduced at depth, streaks of reduced sed.
A224	C	tan and gray silty f sand w clay fraction, some silt surface, large clasts, streaks of reduced sediment
A225	A	tan and gray silty f sand, slighlty silty surface w frags of small wood frags or algae, reduced at depth
A225	B	tan and gray silty f sand, slighty silty surface, decomposing eelgrass strand dragdown? eelgrass or algae particles
A225	C	tan and gray silty f sand, silty surface, patch of reduced sed, scattered small woody particles
A226	A	brn coarse sand, low pen clean surface, shell frags, bedforms
A226	B	brn coarse-med clean sand, clean surface, deep pen
A226	C	gray fine sand, slight silt on surface, reduced patch of sediiment, shell frags
A227	A	tan and gray silty f sand, slity surface, slightly reduced at depth, clay/sand shear at depth, fine wood particles upper 2 cm
A227	B	tan and gray f sand and mud, silty surface, void w feeding halo, burrow right, slightly reduced at depth, f wood particles upper 3 cm
A227	C	tan and gray fine sand and mud , tubes on surface, slightly reduced at depth., voids, wood particles
A228	A	surface shot, indet bottom type, camera frame barely, visible
A228	B	brn/gry coarse-med sand, clean surface, shell frags, mussel shell frag, bedforms
A228	C	gray /brn coarse sand, some gravel, shell frags, f sand, silt, wood pieces on surface.
A229	A	surface shot, low visiblity, hard sand w silt?
A229	B	gray coarse-med clean sand, clean surface w crust layer, streaks tan sediment
A229	C	gray coarse-med sand, silty surface, low pen, tubes surface
A230	B	gray coarse sand, no pen. some gravel, silt, tubes on surface, wood particles surface
A230	C	gray med sand mixed with wood debris, organic matter mixed in sediment, shell frags

Table C-2. Port (

Station	Rep	Comments
A231	A	gry/brn coarse-med sand shellf frags, clean surface, bedforms
A231	B	gray/brn coarse-med clean sand, woody stick frag on surface
A231	C	gray coarse-med sand, clean surface, shell frags, bedforms
A232	A	gray coarse-med clean sand, clean surface, shell frags
A232	B	gray coarse-med clean sand, clean surface, shell frags, bedforms
A232	C	gray coarse-med clean sand, clean surface, bedforms, small wood particles surface
A233	A	gray coarse-med clean sand, clean surface, shell frags, wood pieces on surface.
A233	B	gray coarse med clean sand, clean surface, shell frags, bedforms, frags wood
A233	C	gray coarse-med clean sand, clean surface, bedforms
A235	A	gray coarse sand and gravel, low pen, shell frags
A235	B	gray coarse clean sand and gravel, shell frags
A235	C	gray/brn coarse clean sand and gravel, clean surface, shell frags
A236	A	tan and gray fine sand over interbedded layers reduced silt and f sand, shallow rpd, tubes surface, shear at depth
A236	B	tan and gray fine sand over reduced silt, reduced layer, large methane bubbles
A236	C	tan gray fine sand over interbedded layers of reduced silt and f sand, shallow rpd
A237	A	surface shot, hard bottom, hard sand
A237	B	surface shot, hard bottom, hard sand
A237	C	surface shot, hard bottom, sand? silt in water column
A244	A	tan and gray f sand and mud , silty sand surface, void, burrow left
A244	B	gray fine sand and mud, silty surface , burrow or pulldown, oxygenated
A244	C	tan/gray fine sand and mud, silty surface, feeding voids and polys at depth, oxygenated
A245	A	tan and gray fine sand and mud, some silt, tubes surface, oxygenated, shell frags
A245	B	gray fine sand and mud, large tubes surface, collapsed void, blade Zostera m. pulled down
A245	C	gray fine sand, large tubes farfield, clean surface, shell frags, oxygenated except small patch reduced sed,
A301	A	gray coarse-med clean sand, clean rippled surface
A301	B	gray coarse- med clean sand, clean surface. bedforms
A301	C	gray coarse -med clean sand, clean surface, small ood debris
A302	A	tan and gray f sand and mud, silty surface w Zostera m. blades pulled through rpd, clay fraction
A302	B	tan and gray fine sand and mud, reduced at depth, silty surface, Zostera m. blades pulled down, eelgrass farfield
A302	C	tan and gray fine sand and mud, silty surface Zostera m., large void, slighlty reduced at depth
A303	A	gry/blk coarse clean sand, clean surface shell frags and mussel shell? large barnacle encrusted object left far field
A303	B	gry/blk coarse clean sand, clean surface, shell frags large wood piece at left, Zostera blade far field, shrimp on right
A303	C	surface shot, camera on large hard object seen in previous images?
A304	A	gry coarse-med clean sand,trace silt w depth, sloping topography, shell frags, organic matter twig/branch pieces
A304	B	gray coarse-med clean sand, clean surface, bedforms, shell frags, small wood pieces surface
A304	C	tan and gray coarse-med clean sand, clean surface, bedforms shell frags, small wood piece on surf
A305	A	surface shot, hard bottom, silt in water column
A305	B	gray coarse clean sand, shell frag, wood frags
A305	C	surface shot, hard bottom, sand, shell frag in water column
A306	A	tan and gray f sand and mud, silty surface, feeding halo w polys, reduced sed at depth
A306	B	tan and gray f sandy mud, silty surface, feeding voids, slighlty reduced sed at depth
A306	C	tan and gray sandy mud, numerous feeding voids and halos, slightly reduced at depth
A307	A	tan fine sand, clean surface, low pen, sand ripples
A307	B	tan med sand , clean surface, low pen, sand ripples
A307	C	tan med clean sand, clean surface, reduced clasts pulled down into rpd
A307B	A	tan and gray fine sand on mud, clean sandy surface, reduced at depth large methane bubble from lower sed layer freed by prism
A307B	B	tan and gray fine sand on mud, clean surface reduced, sulphidic layer , large methane bubble feeding halo? pulled down, shell frag
A307B	C	tan and gray sandy mud, reduced at depth, feeding halo and voids, methane bubbles migrated from reduced sed layer
A313	A	gray coarse-med clean sand, clean surface, bedforms, weathered wood pieces
A313	B	gray coarse-med clean sand, clean surface, bedforms
A313	C	gray/brn coarse-med sand, clean surface, bedforms
A401	A	gray med clean sand, clean surface, Zostera m blades w algal coating, bedforms
A401	B	gray fine sand, silty surface, Zostera m. w algae coating, streaks reduced sed, Ulva pulled down into rpd
A401	C	gray fine sand, some silt on surface , Zostera m.w algae coating and Ulva
A402	A	gray coarse -med clean sand, clean surface, deep pen, bedforms, fine weathered wood pieces
A402	B	gray coarse -med clean sand, clean surface, deep pen, bedforms, trace fine wood debris
A402	C	gray med -coarse clean sand, clean surface, deep pen, bed forms, trace fine wood debris
A403	A	gray coarse-med clean sand, clean surface, bedforms
A403	B	gray coarse-med clean sand, clean surface, bedforms
A403	C	gray coarse-med clean sand, clean surface, bedforms, camera frame farfield

Table C-2. Port (

Station	Rep	Comments
A404	A	gray coarse-med clean sand, clean surface, bedforms
A404	B	gray coarse-med clean sand, clean surface, bedforms
A404	C	gray/brn coarse-med clean sand. clean surface, bedforms
A405	A	gray coarse-med clean sand, clean surface, bedforms, camera frame farfield, fine weathered wood particles?
A405	B	gray coarse clean sand, clean surface, bedforms
A405	C	gray coarse-med clean sand, clean surface, bedforms
A406	A	gray coarse-med clean sand, clean surface, bedforms , slight reduced clay streak?, possible voids
A406	B	gray/brn med-coarse clean sand, clean surface , feeding halo w poly? burrow
A406	C	gray med -coarse clean sand , clean surface, slightly reduced layer finer grained sed? poly at depth, void at left?
A407	A	gray fine sand w clay fraction, slightly silty surface, streaks clay
A407	B	tan and gray f sand and mud, wclay fraction, slight silt on surface, feeding halo w poly, slightly reduced at depth, f wood pieces
A407	C	tan and gray f sand and mud, slight silt on surface, feeding halos, oxygenated, small methane bubbles
A408	A	tan and gray f sand and mud, slight silt on surface fecal coils? slighlty reduced at depth, camera shear possible feeding halos
A408	B	tan and gray f sand and mud, sloping surface w organic matter, slight silt, reducd at depth, camera shear at depth
A408	C	tan and gray f sand and mud, slight silt surface, slightly reduced at depth, camera shear artifact

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2	See Tal
RPD	Redox I
OSI	Organis
INDET	Indeterr
DO	Dissolv

Table C-3. Port Gardner Plan View Image Analysis - Final Results (1/12/08)

Station	Wood Debris	Comments
A1-01	No	Fine grained, brown algae/cyanobacteria coating on surface
A1-02	No	Fine grained surface
A1-02B	No	Patchy brown algae/cyano coating
A1-03	15%	Wood pieces, tubes, algae/cyano coating on fine grained sediments
A1-04	No	Fine grained, brown algae/cyanobacteria coating on surface
A1-05	10%	Wood pieces, algae/cyano coating on surface, red rock crab
A1-06	3%	small wood pieces, turbidity/cloudy upper left of image
A1-07	45%	abundant wood debris/pieces on surface, weathered
A1-08	No	Fine grained, brown algae/cyanobacteria coating on surface
A1-09	25%	abundant wood debris/pieces on surface, weathered
A1-10	15%	Large wood piece, brown algae/cyano coating, rock on surface
A1-11	35%	abundant wood/bark pieces, weathered
A1-12	No	shells, patchy brown algae/cyano coating
A1-13	7%	scattered small wood pieces, fine grained surface
A1-14	75%	abundant wood debris covering surface sediments
A1-15	No	slightly sandy, tunicate on surface?
A1-16	No	hazy image, no obvious wood debris
A1-17	25%	abundant weathered bark pieces on surface
A1-18	5%	scattered fine wood pieces, one large pieces, silty sand
A1-19	No	fine grained, worm tube casts, burrows
A1-20	3%	scattered bark/wood pieces, algae/cyano coating
A1-21	10%	fine wood particles, two larger pieces
A1-22	1%	possible fine wood particles, sandy surface
A1-23	No	fine grained surface, burrow
A1-24	10%	wood particles on surface, weathered
A1-25	No	sandy, fine shell particles, two hermit crabs
A1-26	15%	silty draped wood pieces
A1-27	3%	small wood particles
A1-28	3%	possible wood piece upper image, cloudy image
A1-29	No	sandy surface
A1-31	No	algae, sandy bottom
A1-32	No	fine grained, burrows
A1-33	No	sandy, fine shell particles
A1-34	No	sandy bottom
A1-35	Indet	Very dark, blurry image, high turbidity
A1-36	Indet	Very dark image
A1-37	No	sediment resuspended, no obvious wood debris
A1-38	No	sandy bottom, bed forms, shell particles
A1-39	No	silty sands, possible burrows
A1-40	No	sandy bottom, algae/cyano coating
A1-41	No	sandy bottom, algae/cyano coating
A1-43	No	gravels and sands
A1-44	No	silty sands, shell, green algae
A1-45	--	Camera malfunction, no plan view image at this location
A1-46	No	sandy bottom, eelgrass
A1-47	No	flat fish, sandy bottom
A1-48	No	shell hash
A2-01	--	Camera malfunction, no plan view image at this location
A2-02	No	sandy bottom, abundant burrows
A2-03	No	sandy bottom, abundant burrows

Table C-3. Port Gardner Plan View Image Analysis - Final Results (1/12/08)

Station	Wood Debris	Comments
A2-04	No	eelgrass on sandy bottom
A2-05	No	hazy image, eelgrass on sandy bottom
A2-06	No	abundant burrows, sandy bottom
A2-07	No	eelgrass on sandy bottom
A2-08B	No	abundant burrows, sandy bottom
A2-09	No	sandy and rocky bottom
A2-10	--	Camera malfunction, no plan view image at this location
A2-11	--	Camera malfunction, no plan view image at this location
A2-12	--	Camera malfunction, no plan view image at this location
A2-13	--	Camera malfunction, no plan view image at this location
A2-14	--	Camera malfunction, no plan view image at this location
A2-15	No	thick green algae matting
A2-16	No	silty, green algae mat
A2-17	No	silty, two large burrows
A2-18	No	silty, green algae mat
A2-19	3%	scattered fine wood pieces, sandy bottom
A2-20	3%	scattered wood pieces
A2-21	No	green algae mat on surface
A2-22	No	sandy bottom, possible small burrows
A2-23	No	silty bottom, ulva
A2-23B	No	silty bottom, no obvious wood debris
A2-24	No	silty bottom, no obvious wood debris
A2-25	3%	scattered organic debris, possible wood debris also
A2-26	3%	Dungeness crab, scattered organic debirs
A2-27	2%	scattered wood pieces
A2-28	2%	possible fine wood particles, sandy surface
A2-29	2%	fine grained sediments, possible wood piece lower right
A2-30	2%	possible wood pieces, shell particles sandy bottom
A2-31	No	sandy bottom
A2-32	No	sandy bottom
A2-33	2%	weathered wood particles, sandy bottom with bedforms
A2-35	1%	gravel sandy bottom, possible wood piece
A2-36	No	silty or sandy bottom
A2-37	No	silty bottom, no obvious wood debris
A2-44	No	silty bottom, no obvious wood debris
A2-45	No	silty bottom, no obvious wood debris
A3-01	No	sandy, ripples, abundant burrows
A3-02	No	eelgrass on sandy bottom
A3-03	25%	possible buried log, weathered wood pieces
A3-04	1%	possible fine wood particles, sandy surface
A3-05	20%	wood particles on silty surface
A3-06	No	silty bottom, no obvious wood debris
A3-07	No	silty bottom, no obvious wood debris
A3-07B	No	possible buried wood piece
A3-13	No	hazy, sandy, no obvious wood debris
A4-01	No	eelgrass on sandy bottom
A4-02	No	sandy bottom, abundant burrows
A4-03	No	sandy bottom, ripples, burrows
A4-04	No	sandy bottom, ripples
A4-05	No	rippled sandy bottom

Table C-3. Port Gardner Plan View Image Analysis - Final Results (1/12/08)

Station	Wood Debris	Comments
A4-06	No	sandy, abundant borrows
A4-07	No	silty, abundant burrows
A4-08	No	hazy image, no obvious wood debris