

Appendix B

**Grain Size analysis (table) from Marine Sediment Sampling Program (MSSP)
Report for Petit-de-Grat (AMEC, January 2016)**

Table B.9 Grain Size and Carbon Content Results for Marine Sediments - Petit-de-Grat DFO-SCH, Nova Scotia

Parameter	RDL	Units	Sample Identification and Date			
			PDG-06	PDG-18	PDG-23	PDG-30
			27 November 2015			
Grain Size Results						
< PHI -4 (12.5 mm)	0.1	%	100	100	100	100
< PHI -3 (9.5 mm)	0.1		100	100	100	100
< PHI -2 (4.75 mm)	0.1		100	100	100	100
< PHI -1 (2 mm)	0.1		84	85	59	92
< PHI 0 (1 mm)	0.1		82	77	44	88
< PHI +1 (1/2 mm)	0.1		81	67	35	85
< PHI +2 (1/4 mm)	0.1		79	37	27	74
< PHI +3 (1/8 mm)	0.1		77	17	22	50
< PHI +4 (1/16 mm)	0.1		71	12	19	31
< PHI +5 (1/32 mm)	0.1		61	9.6	17	23
< PHI +6 (1/64 mm)	0.1		49	7.3	16	18
< PHI +7 (1/128 mm)	0.1		39	5.9	12	14
< PHI +8 (1/256 mm)	0.1		34	6	11	12
< PHI +9 (1/512 mm)	0.1		31	5.2	9.3	6.3
Gravel	0.1		16	15	41	7.6
Sand	0.1		12	73	40	61
Silt	0.1		37	6.3	8.5	19
Clay	0.1		34	6	11	12
Other						
Total Organic Carbon (TOC)	0.67	g/kg	6.8	6.5	6.8	13
Total Inorganic Carbon (TIC)	0.2	g/kg	46	1.6	5.6	13
Total Carbon (TC)	0.67	g/kg	52	8.1	12	16

NOTE(S):
Light values indicate results below detection limit.