



Pre-Permitting Environmental / Socio-Economic Data Report Series

Report Series G- Trace Elements (Vegetation, Fish, Mammal & Mussel Tissue)

Report G-3 Mammal Tissue Results Summary 2007

Submitted to the Alaska Department of Natural Resources February 2009

Preliminary data. Do not cite or quote.

The Pebble Partnership is providing environmental and socio-economic baseline data collected to inform the development of the Pebble Project to state and federal agencies, project stakeholders and the general public prior to project permitting as part of its commitment to full and open disclosure.

A comprehensive Environmental Baseline Document (EBD) will subsequently be prepared and appended to future project permit applications. The EBD will also be made publicly available when complete.

Collected for the Pebble Partnership by:



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2007 Pebble Project Mammal Tissue Results Summary

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Parameters		Total Solids	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Zinc
Units		percent	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location: PORTAGE CREEK-Caribou-KIDNEY																
Sample Date	Animal #															
03/25/07	1	24.3	0.0005	0.05	0.00025	2.14	0.05	4.68	0.085	0.519	0.152	0.09	0.79	0.003	0.007	17.1
03/25/07	2	34	0.003	0.05	0.00035	2.75	0.05	5.83	0.101	0.786	0.16	0.04	0.83	0.002	0.01	17
	Mean	29	0.0018	0.05	0.0003	2.45	0.05	5.26	0.09	0.653	0.16	0.065	0.81	0.0025	0.009	17
	Median	29	0.0018	0.05	0.0003	2.45	0.05	5.26	0.09	0.653	0.16	0.065	0.81	0.0025	0.009	17
	St. Deviation	7	0.0018	0	0.00007	0.43	0	0.81	0.01	0.189	0.01	0.035	0.03	0.0007	0.002	0
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	24.3	0.0005	0.05	0.00025	2.14	0.05	4.68	0.085	0.519	0.152	0.04	0.79	0.002	0.007	17
	Maximum	34	0.003	0.05	0.00035	2.75	0.05	5.83	0.101	0.786	0.16	0.09	0.83	0.003	0.01	17.1
	% of values undetected		50%		100%		100%									
	# of values between MDL and PQL		1	2								1		2		
Location: PORTAGE CREEK-Caribou-Liver																
Sample Date	Animal #															
03/25/07	1	28.2	0.001	0.03	0.0003	0.594	0.05	7.09	0.166	0.151	0.795	0.04	0.39	0.053	0.004	22.6
03/25/07	2	31.1	0.004	0.04	0.0003	0.716	0.05	7.01	0.239	0.39	0.861	0.03	0.34	0.027	0.005	26.7
	Mean	29.7	0.0025	0.035	0.0003	0.655	0.05	7.05	0.203	0.27	0.828	0.035	0.37	0.04	0.0045	24.7
	Median	29.7	0.0025	0.035	0.0003	0.655	0.05	7.05	0.203	0.27	0.828	0.035	0.37	0.04	0.0045	24.7
	St. Deviation	2.1	0.0021	0.007	0	0.086	0	0.06	0.052	0.17	0.047	0.007	0.04	0.018	0.0007	2.9
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	28.2	0.001	0.03	0.0003	0.594	0.05	7.01	0.166	0.151	0.795	0.03	0.34	0.027	0.004	22.6
	Maximum	31.1	0.004	0.04	0.0003	0.716	0.05	7.09	0.239	0.39	0.861	0.04	0.39	0.053	0.005	26.7
	% of values undetected		50%		100%		100%									
	# of values between MDL and PQL		1	2								2			2	
	Key:	All results reported on wet weight basis.														
	Bold Results	If result was not detected at the lab MDL, the value shown is 1/2 MDL. If result was validation flagged U or UJ, the value shown is 1/2 MRL.														
	Green Results	= Estimate result reported by laboratory below MRL.														
		MDL = Method Detection Limit.														
		MRL = Method Reporting Limit.														
		NA = Not Applicable.														