

WHOLE ROCK CERTIFICATE OF ANALYSIS AK 2004-1991

PACIFIC BENTONITE LTD.
2235 Valleyview Drive
Kamloops, BC
V2C 4C8

20-Dec-04

ATTENTION: John Dormer

No. of samples received: 1
Sample type: Blue Clay

Note: Values expressed in percent

ET #.	Tag #	BaO	P2O5	SiO2	MnO	Fe2O3	MgO	Al2O3	CaO	TiO2	Na2O	K2O	L.O.I.
1	#1 Blue Clay	0.07	0.10	47.1	0.01	3.08	0.91	29.1	0.72	0.67	0.32	0.50	17.5

QC DATA:

Standard:

Sy4	0.03	0.18	49.3	0.10	5.72	0.51	22.3	7.24	0.30	7.98	1.72	4.56
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JJ/jm
df/wr1991
XLS/04

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

z	BaO	BaO	P2O5	SiO2	MnO	Fe2O3	MgO	Al2O3	CaO	TiO2	NaO2	K2O	L.O.I.	BaO	P2O5	SiO2	MnO	Fe2O3	MgO	Al2O3	CaO	TiO2	NaO2	K2O	L.O.I.				
mrg1	<.01	<.01	<.01	38.4	0.15	17.8	14	8.08	14.7	3.72	0.7	0.47	2.40	98.02	97.6	1.004303	0.01	0.01	38.23546	0.149357	17.72373	13.94001	8.045378	14.63701	3.70406	0.697001	0.467986	2.4	100.02
sy2	0.12	0.12	0.36	60.4	0.31	6.6	2.91	12.1	8.29	0.2	4.32	4.18	1.84	99.91	98.16	1.017828	0.117898	0.353694	59.34205	0.30457	6.484396	2.859029	11.88806	8.144794	0.196497	4.244332	4.106784	1.84	99.8821
683-8	0.13	0.13	0.12	65.6	0.18	6.45	1.26	10.3	4.2	0.6	2.15	1.27	5.28	92.39	94.72	0.975401	0.133278	0.123026	67.25438	0.184539	6.612664	1.291776	10.55976	4.305921	0.615132	2.204221	1.302028	5.28	99.86672
683-9	0.15	0.15	0.18	66.1	0.13	7.94	1.64	11	3.43	0.51	2.36	1.37	5.05	94.96	94.95	1.000105	0.149984	0.179981	66.09304	0.129986	7.939164	1.639827	10.99884	3.429639	0.509946	2.359751	1.369856	5.05	99.85002