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From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
 To B.C. Ministry of Energy & Mines

Acme file # A103731 Received: OCT 22 2001 * 12 samples in this disk file.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ce	Pd	Pt	Sample
SAMPLES	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	ppb	ppm	
SI	0.2	1.3	9.82	11.5	125	0.5	<.1	5	0.03	1.4	<.1	0.5	<.1	1.6	0.05	0.2	<.02	<.2	0.06	<.001	<.5	3.8	<.01	4.9	<.001	<.1	<.01	0.323	<.01	<.2	<.1	<.02	<.01	<.5	<.1	<.02	<.1	<.10	<.2	15
C 119109	0.74	12.01	59	193.7	72	1941.1	106	783	5.45	6.1	<.1	3.7	<.1	0.6	1.46	0.4	0.04	12	0.03	0.001	<.5	587.1	19.7	5.3	0.006	3	0.14	0.003	<.01	<.2	3.9	<.02	0.11	7	0.3	0.04	0.4	10	6	15
REF C 119109	0.78	11.36	58.06	183	69	2052.5	113.2	787	5.46	6.7	<.1	2	<.1	0.6	1.54	0.41	0.04	14	0.03	0.001	<.5	627.5	19.63	6.4	0.005	3	0.15	0.003	<.01	<.2	4.4	<.02	0.11	9	0.4	0.04	0.4	13	6	15
STANDARD 11	9.21	120.63	35.79	155.3	301	36.5	12.3	810	3.09	27.7	6	21.6	4	28.6	5.43	5.48	5.82	73	0.51	0.091	16	189	0.58	160.9	0.08	<.1	1.7	0.028	0.13	3.9	2.2	1.13	0.02	250	1.2	1.17	5.9	<.10	<.2	15

PROPERTY FILE

Acme Analytical Laboratories Ltd.

852 E. Hastings St., Vancouver, B.C.

V6A 1R6 Phone: 253-3158

SAMPLE: C NO 119110

Date OCT 16, 2001

Location ALF RAMAN SAMPLE

Drill Hole COLUMBIA SERPENTINE

Footage 'B' ZONE SAMPLE

Remarks _____

Assay For: Cu, Pb, Zn, Ag, Au, Ni, Mo, W, As

Other _____

Rock Geochem ICP

Acme Analytical Laboratories Ltd.

852 E. Hastings St., Vancouver, B.C.

V6A 1R6 Phone: 253-3158

SAMPLE: C NO 119109

Date OCT 16, 2001

Location _____

Drill Hole ALF RAMAN SAMPLE

Footage COLUMBIA SERPENTINE

Remarks 'A' ZONE SAMPLE

Assay For: Cu, Pb, Zn, Ag, Au, Ni, Mo, W, As

Other _____

Rock Geochem ICP

Cogburn Property - Sampling by A. Randall - October 16, 2001 - Analyses

Sample #	East UTM	North UTM	Elev.MSL	Type	Dimension	Orientation	Location	Description	Alteration	Mineralization
				sel. o/c grab	?	?	Zone "A"	Weakly foliated Serpentine	Magnetite est. 2%	traces v.f.g. Py,Po,Cp blebs

Cogburn Property - Sampling by A. Randall - October 16, 2001 - Selected Geochemistry October 31, 2001

Sample #	East UTM	North UTM	Elev.MSL	Type	Dimension	Orientation	Location	Description	Alteration	Mineralization	Zn (ppm)	Ni (ppm)	Co (ppm)	Cr (ppm)	Mg (%)
				sel. o/c grab	?	?	Zone "A"	Weakly foliated Serpentinite	Magnetite est. 2%	traces v.f.g. Py,Po,Cp blebs	193.7	1941.1	106	587.1	19.7