

YMIP 00-070

TECHNICAL REPORT

on work performed by

**Gordon G Richards
&
Dave Bennett**

As partial fulfillment of their
2000 GRASSROOTS PROSPECTING PROGRAM
under the
YUKON MINING INCENTIVES PROGRAM

In AREAS

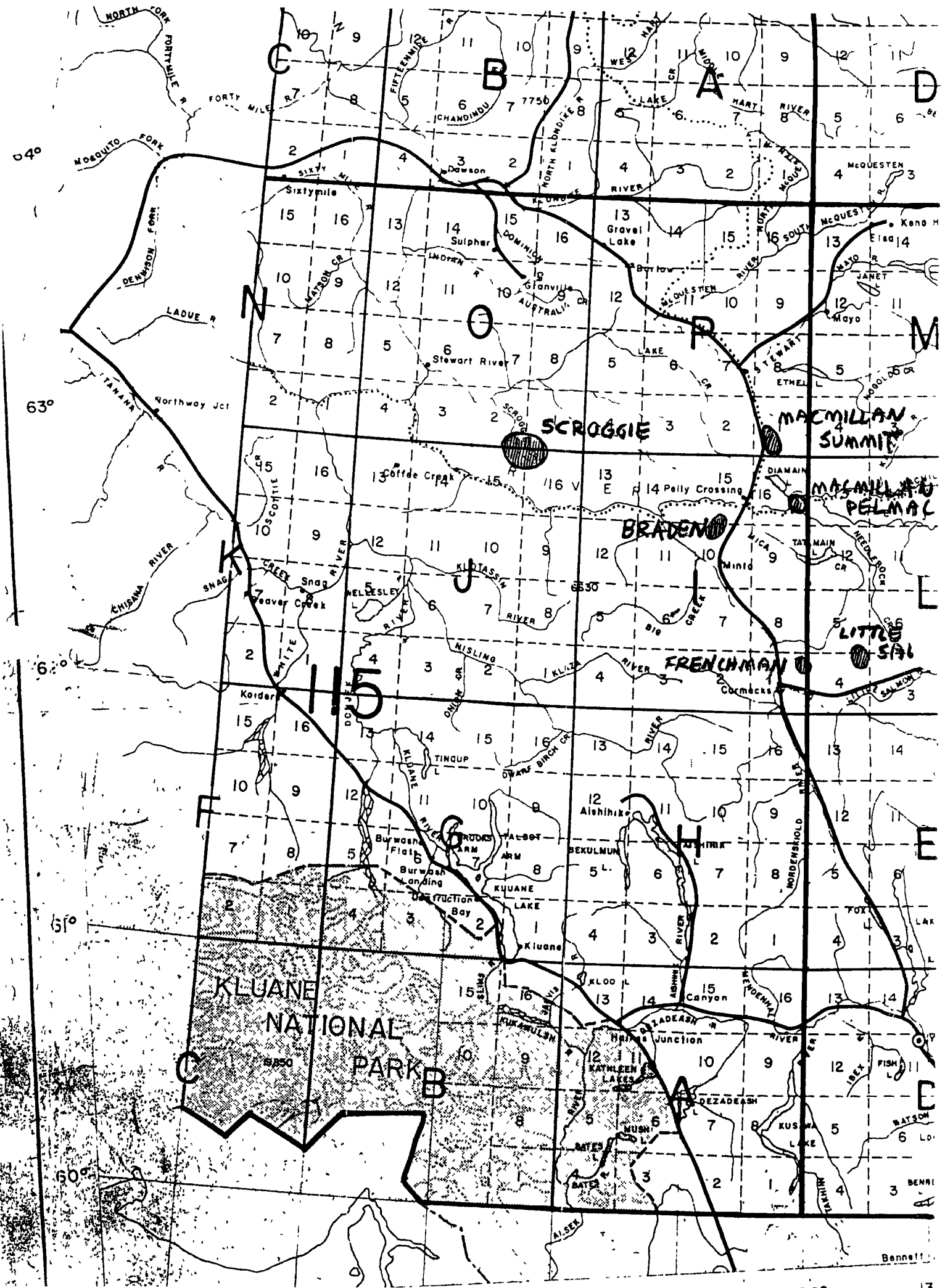
MacMillan 103L/13, 115P/01
Frenchman 105L/04&05
Braden 115I/10&15
Little Salmon Lake 105L/05&06
Scroggie 115J/15&16, 115O/01&02

Dated
January 18, 2001

By
Dave Bennett
&
Gord Richards

YUKON ENERGY, MINES
& RESOURCES LIBRARY
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SCROGGIE

MACMILLAN SUMMIT

MACMILLAN PELMAL

BRADENO

FRENCHMAN

LITTLE SAL

KLUGANE NATIONAL PARK

Bennett

The following is a summary of my prospecting activity for 2000 Mr Gord Richards was a co-applicant on this program

Day	Date	Activity
	June 16	mob to Dawson City Sort gear and supplies
1	17	fly to Scroggie Ck. Located claim posts.
2	18	Stake Rum Run 21-40
3	19	Sample Pyroxene Mt
4	20	Sample Stevens Ck
5	21	Sample Stevens Ck
6	22	Sample Upper Scroggie
7	23	Stake Rum Run 41-50, 53-59
	24	Target Evaluation Scroggie. Demob Dawson.
8	25	ATV to Summit L. Sample
9	26	Sample Summit L.
10	27	Sample Summit L
11	28	Sample Summit L
12	29	Sample near camp. ATV out To Dawson
13	30	Drive Pelly. Mob boat to Pelmac Wayne Curry.
14	July 1	Sample Pelmac.
15	2	Sample Pelmac.
16	3	Sample Pelmac.
17	4	Sample Pelmac.
18	5	Sample Pelmac.
19	6	Sample Pelmac
20	7	Sample Pelmac. Demob to Pelly.
21	8	Mob to Packersback Located claims & samples
22	9	Sample outside claims.
23	10	Sample outside claims
	11	Target Evaluation Packersback
	12	Target Evaluation Packersback Flew out
24	13	Sample Little Salmon.
25	14	Sample Little Salmon
26	15	Sample Braden.
27	16	Sample Braden.
28	17	Sample Braden.
29	18	Sample Frenchman
30	19	Sample Frenchman.
	20	demob.

Dave Bennett

The following is a summary of my prospecting activity for 2000. Mr. Dave Bennett was a co-applicant on this program

Day	Date	Activity
	June 16	mob to Dawson City. Sort gear and supplies.
1	17	Fly to Scroggie Ck Map rocks.
2	18	Stake Rum Run 21-40
3	19	Sample Upper Mariposa
4	20	Sample Mariposa along road.
5	21	Sample Upper Scroggie
6	22	Map road Mariposa-Scroggie
7	23	Stake Rum Run 41-50, 53-59
	24	Target Evaluation Scroggie. Demob Dawson
8	25	ATV to Summit L. Sample.
9	26	Sample Summit L
10	27	Sample Summit L
11	28	Sample Summit L
12	29	Sample near camp. ATV out. To Dawson.
13	30	Drive Pelly. Mob boat Pelmac Wayne Curry.
14	July 1	Sample Pelmac
15	2	Sample Pelmac
16	3	Sample Pelmac.
17	4	Sample Pelmac
18	5	Sample Pelmac
19	6	Sample Pelmac.
20	7	Sample Pelmac Demob to Pelly.
21	8	Mob to Packersback. Located 1999 sample sites
22	9	Sample outside claims.
23	10	Sample outside claims
	11	Target Evaluation Packersback.
24	12	Sample outside claims Flew out
25	13	Sample Little Salmon
26	14	Sample Little Salmon
27	15	Sample Braden.
28	16	Sample Braden
29	17	Samples to Whitehorse. Bought supplies.
30	18	Sample Frenchman.
31	19	Sample Frenchman
	20	demob

Gordon G Richards

The five areas prospected were all evaluated with an emphasis on geochemical surveys. Silt, rock, till and soil samples were collected throughout the areas as itemized in the following table

AREA	SILTS		ROCKS		TILLS		SOILS		
	g r	d b	g r	d b	g r	d b	g r	db	
MacMillan Summit	0	4	21	7	63	65			
Pelmac	18	13	23	18	28	47			
Frenchman	0	3	0	3	6	4			
Braden	0	0	3	2	6	16			
Little Salmon Lake	1	2	2	4	8	7			
Scroggie	17	34	8	2	0	0	11	0	
TOTALS		35	56	57	36	111	139	11	0

Silt samples were collected from running streams by either collecting fine sediment with a scoop directly from the stream or by screening through a -25 mesh sieve into a plastic basin in order to obtain a sample containing about 40 gm of -80 mesh material for analysis. Attached field notes describe when screening process was used. Samples were collected in appropriately numbered gusseted kraft sample bags.

Rock samples were made of three to seven rock chips from float or outcrop as described in field notes and small enough to fit into a gusseted kraft sample bag.

Till samples were collected by a scoop from a pit dug by shovel to depths as much as one meter. This was necessary because of abundant loess throughout all areas except Scroggie Ck, which was unglaciated, and therefore lacking till. A shovel-dug pit gave a good look at the soil profile in order to distinguish till from other 'soil' types. As samples were ultimately to be screened to -150 mesh in the lab, one to three kg of till material was collected depending on coarseness of the sample and placed into spun polyester bags. Coarser sandy samples required bigger field samples in order to achieve this goal.

Soil samples were collected with a scoop from pits dug by pick, mattock or shovel or by auger from C-horizon wherever possible, although some B-horizon material was sometimes included in the sample. Samples were placed in numbered gusseted kraft bags for ultimate analysis of their -80 mesh fraction.

Control of sample locations was by hip chain and compass with the use of 1:50,000 topo maps.

All samples were analyzed at Chemex Labs, 212 Brooksbank Ave, North Vancouver, B.C. Rock samples were crushed and pulverized, all other samples were dried and sieved (silts & soils -80 mesh, tills -150 mesh). Gold analyses were done on 30 gm samples by fire assay preconcentration and atomic absorption finish. A 32 element ICP analyses was done on most till, silt and soil samples. Results are included in an Appendix.

Following is a discussion of the results for each of the five areas studied. On the accompanying maps, gold and some arsenic results are plotted for all silts and all anomalous gold results (>5 ppb) for other types of samples are also plotted.

MACMILLAN

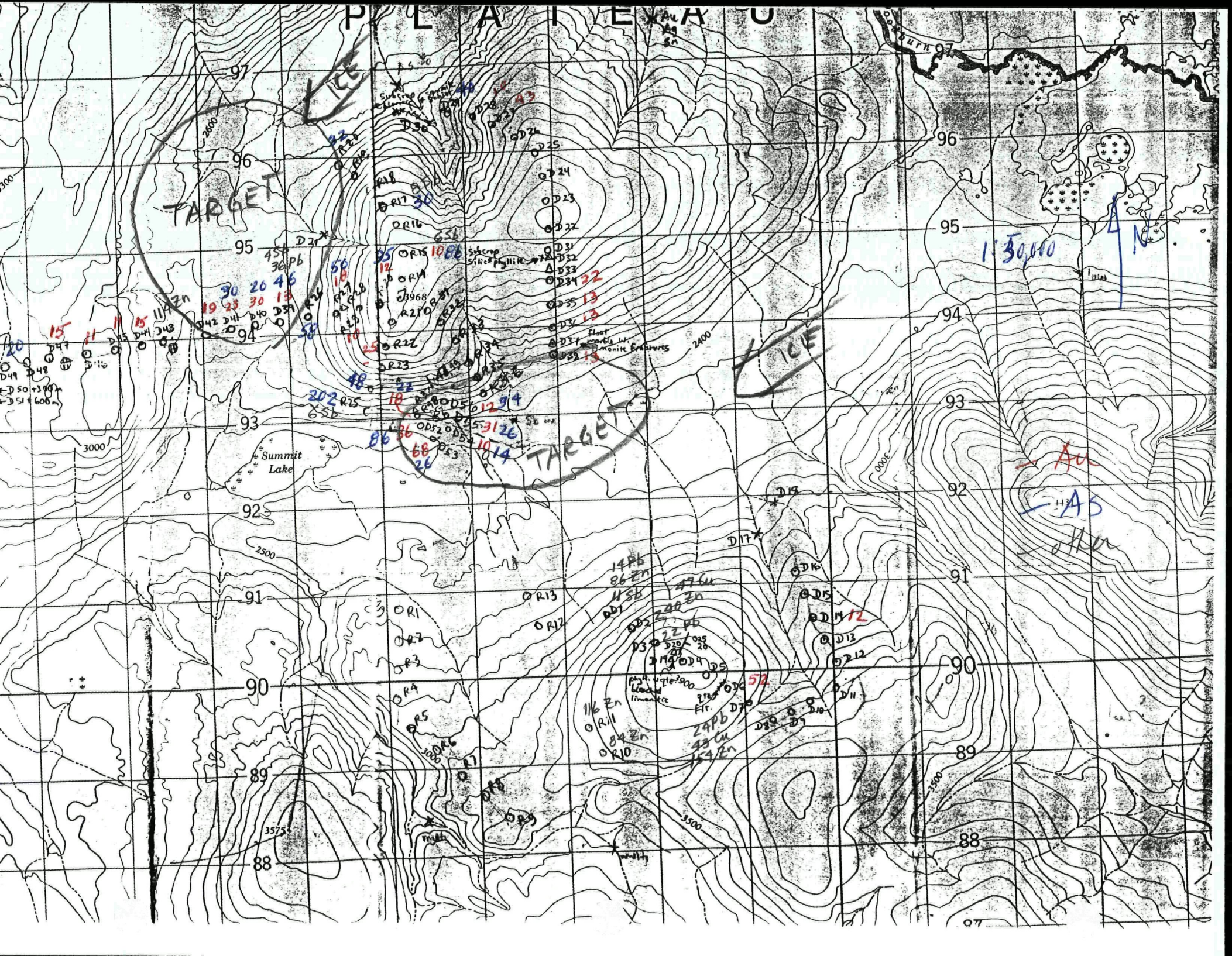
Access was made by foot into and helicopter out of the Packersback Claim area, by ATV into Summit Lake area and by boat to Pelmac Ridge area

At Packersback Claim area, three targets identified in our proposal were followed up by additional till sampling and rock chip sampling. Work on claims was done under a Target Evaluation Program. Results were somewhat encouraging and are described in detail in the attached report on the Packersback Claims and adjacent ground.

At Summit Lake, coincident Au-As anomalous till patterns exist at two localities, two km east of Summit L at our campsite and two km north of Summit L. Both of these localities occur on the valley floor and could easily be transported up to three-km down-ice from an area east of camp and northeast of the northerly anomaly. At camp, numerous pieces of angular silicified float of differing metamorphic rocks including dark phyllites and limestone were all ~ 10 ppb Au although the tills were anomalous for gold. Follow-up prospecting would best be done by additional till sampling to define the up-ice limits of anomalous geochem.

Some anomalous base metals were found in samples collected on the hill south of camp across the valley. (D1, 2,3, 7 and R10, 11) 1999 prospecting focused on the major north flowing creek west of this years sampling where RGS data indicated anomalous base metals. No strong pattern is evident but some follow-up could be done in this area.

At Pelmac Ridge, anomalous gold is fairly common in till samples but no strong coherent patterns supported by anomalous pathfinder elements are obvious. A40 & 41 at the westernmost area sampled is one exception where 40 and 53 ppb Au are supported by 3 and 7 ppm Sb over an area underlain by weakly limonitic muscovite/sericite schist and chlorite schist. The most interesting lead is a multielement anomaly at A66 & 67 where till samples were noted to contain lots of rusty muscovite schist chips. These two samples ran 11 & 31 ppm Sb, 36 & 327 ppm As, low & 143 ppm Cu, 150 & 212 ppm Zn, and 29 & 44 ppm Pb. This geochem/geology is a good lead for VMS mineralization and should be prospected further. A single sample anomaly at A161 is also anomalous for base metals, has some support in adjacent samples and should also be further prospected.





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to: RICHARDS, GORDON

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 VANCOUVER, BC
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CERTIFICATE OF ANALYSIS

A0024190

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
D17	201	202	< 1	< 0.2	0.77	6	< 10	160	< 0.5	< 2	0.46	< 0.5	7	14	10	1.66	< 10	< 1	0.06	10	0.35
D18	201	202	3	< 0.2	0.97	8	< 10	260	< 0.5	< 2	0.50	< 0.5	9	17	13	2.26	< 10	< 1	0.08	10	0.40
D21	201	202	13	< 0.2	0.77	16	< 10	160	< 0.5	< 2	0.56	< 0.5	6	13	12	2.00	< 10	< 1	0.13	10	0.39
D30	201	202	6	< 0.2	0.80	28	< 10	210	< 0.5	< 2	0.62	< 0.5	8	13	16	2.00	< 10	< 1	0.10	10	0.35

CERTIFICATION:

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CERTIFICATE OF ANALYSIS

A0024190

SAMPLE	PREP		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
D17	201	202	845	< 1	< 0.01	14	740	10	0.01	< 2	1	30	0.03	< 10	< 10	18	< 10	50
D18	201	202	665	< 1	< 0.01	19	590	8	0.02	< 2	1	35	0.03	< 10	< 10	23	< 10	60
D21	201	202	195	< 1	< 0.01	12	600	10	0.03	< 2	1	36	0.04	< 10	< 10	19	< 10	54
D30	201	202	615	1	< 0.01	16	610	12	0.03	6	1	37	0.02	< 10	< 10	18	< 10	66

CERTIFICATION:

Sarah Leina



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SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
D1	216	202	6 < 0.2	1.20	20	< 10	190	< 0.5	< 2	0.84	< 0.5	12	20	28	2.62	< 10	< 1	0.04	10	0.51	
D2	216	202	4 < 0.2	1.07	12	< 10	240	< 0.5	< 2	1.16	0.5	14	19	47	2.62	< 10	< 1	0.03	20	0.39	
D3	216	202	9 < 0.2	1.48	8	< 10	230	< 0.5	< 2	0.18	< 0.5	9	19	23	2.75	< 10	< 1	0.04	20	0.52	
D4	216	202	4 < 0.2	0.89	6	< 10	130	< 0.5	< 2	0.08	< 0.5	7	15	26	2.30	< 10	< 1	0.04	30	0.26	
D5	216	202	3 < 0.2	1.55	10	< 10	290	< 0.5	< 2	0.29	< 0.5	9	25	19	2.58	< 10	< 1	0.04	20	0.43	
D6	216	202	52 < 0.2	1.75	14	< 10	180	< 0.5	< 2	0.08	< 0.5	12	25	24	3.23	< 10	< 1	0.04	30	0.53	
D7	216	202	8 < 0.2	1.25	10	< 10	160	< 0.5	< 2	0.45	< 0.5	16	18	43	4.19	< 10	< 1	0.05	40	0.47	
D8	216	202	5 < 0.2	1.66	8	< 10	180	< 0.5	< 2	0.48	< 0.5	14	32	19	3.07	< 10	< 1	0.04	20	0.69	
D9	216	202	5 < 0.2	1.48	12	< 10	230	< 0.5	< 2	0.66	< 0.5	11	24	17	2.54	< 10	< 1	0.03	10	0.51	
D10	216	202	8 < 0.2	1.49	14	< 10	240	< 0.5	< 2	0.37	< 0.5	13	22	26	3.20	< 10	< 1	0.04	30	0.44	
D11	216	202	8 < 0.2	1.39	10	< 10	180	< 0.5	< 2	0.25	< 0.5	10	25	18	2.40	< 10	< 1	0.13	10	0.55	
D12	216	202	9 < 0.2	1.51	8	< 10	190	< 0.5	< 2	0.12	< 0.5	7	25	16	2.17	< 10	< 1	0.05	10	0.40	
D13	216	202	4 < 0.2	1.28	6	< 10	140	< 0.5	< 2	0.18	< 0.5	8	20	16	2.17	< 10	< 1	0.07	10	0.44	
D14	216	202	12 < 0.2	1.51	10	< 10	380	< 0.5	< 2	0.23	< 0.5	10	28	29	2.60	< 10	< 1	0.06	20	0.54	
D15	216	202	2 < 0.2	1.22	6	< 10	150	< 0.5	< 2	0.16	< 0.5	9	19	19	2.15	< 10	< 1	0.08	10	0.46	
D16	216	202	3 < 0.2	1.17	6	< 10	240	< 0.5	< 2	0.37	< 0.5	7	20	15	1.93	< 10	< 1	0.06	10	0.47	
D22	216	202	9 < 0.2	2.05	26	< 10	160	< 0.5	< 2	0.13	< 0.5	16	52	25	3.12	< 10	< 1	0.04	10	0.85	
D23	216	202	6 < 0.2	1.39	6	< 10	200	< 0.5	< 2	0.21	< 0.5	9	21	23	2.07	< 10	< 1	0.03	20	0.43	
D24	216	202	3 < 0.2	1.38	8	< 10	240	< 0.5	< 2	0.47	< 0.5	14	23	22	2.78	< 10	< 1	0.03	10	0.36	
D25	216	202	4 < 0.2	1.43	10	< 10	250	< 0.5	< 2	0.40	< 0.5	10	20	19	2.36	< 10	< 1	0.04	10	0.35	
D26	216	202	5 < 0.2	1.89	12	< 10	230	< 0.5	< 2	0.17	< 0.5	10	37	25	2.82	< 10	< 1	0.04	10	0.58	
D27	216	202	43 < 0.2	1.27	14	< 10	210	< 0.5	< 2	0.14	< 0.5	10	20	20	2.62	< 10	< 1	0.05	10	0.34	
D28	216	202	10 < 0.2	1.29	18	< 10	370	< 0.5	< 2	0.27	< 0.5	10	19	22	2.59	< 10	< 1	0.05	20	0.46	
D29	216	202	6 < 0.2	1.03	40	< 10	420	< 0.5	< 2	0.73	< 0.5	10	16	35	2.41	< 10	< 1	0.06	10	0.34	
D31	216	202	3 < 0.2	1.53	12	< 10	180	< 0.5	< 2	0.11	< 0.5	10	26	14	2.74	< 10	< 1	0.05	10	0.42	
D34	216	202	22 < 0.2	1.64	14	< 10	130	< 0.5	< 2	0.16	< 0.5	13	24	27	3.59	< 10	< 1	0.05	10	0.53	
D35	216	202	13 < 0.2	1.31	10	< 10	150	< 0.5	< 2	0.25	< 0.5	11	20	25	2.79	< 10	< 1	0.04	20	0.50	
D36	216	202	13 < 0.2	1.29	8	< 10	130	< 0.5	< 2	0.39	< 0.5	11	19	26	2.93	< 10	< 1	0.05	20	0.51	
D38	216	202	5 < 0.2	1.29	8	< 10	100	< 0.5	< 2	0.86	< 0.5	15	20	33	2.96	< 10	< 1	0.05	30	0.53	
D39	216	202	13 < 0.2	1.15	46	< 10	350	< 0.5	< 2	0.64	< 0.5	9	21	34	2.30	< 10	< 1	0.08	10	0.42	
D40	216	202	30 < 0.2	0.98	22	< 10	280	< 0.5	< 2	0.37	< 0.5	8	22	27	2.38	< 10	< 1	0.06	10	0.37	
D41	216	202	23 < 0.2	0.97	30	< 10	400	< 0.5	< 2	0.32	< 0.5	8	18	33	2.24	< 10	< 1	0.05	10	0.37	
D42	216	202	19 < 0.2	1.02	16	< 10	390	< 0.5	< 2	0.38	< 0.5	8	20	31	2.16	< 10	< 1	0.05	10	0.38	
D43	216	202	8 < 0.2	0.91	8	< 10	320	< 0.5	< 2	0.67	< 0.5	12	21	73	2.36	< 10	< 1	0.04	10	0.32	
D44	216	202	15 < 0.2	0.52	16	< 10	160	< 0.5	< 2	0.29	< 0.5	10	11	25	2.32	< 10	< 1	0.03	10	0.21	
D45	216	202	11 < 0.2	1.23	14	< 10	330	< 0.5	< 2	0.21	< 0.5	8	20	21	2.19	< 10	< 1	0.04	10	0.36	
D46	216	202	11 < 0.2	1.67	12	< 10	710	< 0.5	< 2	0.17	< 0.5	8	29	34	2.66	< 10	< 1	0.04	10	0.43	
D47	216	202	15 < 0.2	1.76	14	< 10	620	0.5	< 2	0.52	< 0.5	12	31	36	3.00	< 10	< 1	0.13	10	0.65	
D48	216	202	8 < 0.2	1.60	16	< 10	540	0.5	< 2	0.58	< 0.5	11	29	35	2.81	< 10	< 1	0.10	10	0.58	
D49	216	202	9 < 0.2	1.48	20	< 10	520	0.5	< 2	0.47	< 0.5	11	27	37	2.90	< 10	< 1	0.14	10	0.55	

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SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
D1	216	202	535	1	0.01	26	690	14	0.03	16	3	39	0.02	< 10	< 10	27	< 10	86
D2	216	202	1005	1	0.01	27	710	12	0.05	< 2	3	55	0.01	< 10	< 10	27	< 10	240
D3	216	202	420	< 1	0.01	19	590	22	< 0.01	< 2	4	12	0.02	< 10	< 10	28	< 10	70
D4	216	202	195	< 1	0.01	21	260	8	< 0.01	< 2	3	11	0.01	< 10	< 10	19	< 10	54
D5	216	202	235	1	0.01	24	230	10	< 0.01	< 2	4	19	0.03	< 10	< 10	40	< 10	54
D6	216	202	245	1	0.01	27	280	10	0.01	< 2	3	23	0.01	< 10	< 10	31	< 10	66
D7	216	202	750	1	0.01	35	830	24	< 0.01	< 2	5	26	0.01	< 10	< 10	17	< 10	154
D8	216	202	1415	< 1	0.01	28	660	10	0.03	2	3	39	0.01	< 10	< 10	26	< 10	76
D9	216	202	460	1	0.01	23	620	8	0.03	2	2	36	0.01	< 10	< 10	25	< 10	62
D10	216	202	445	1	0.01	26	680	12	0.01	2	4	21	0.01	< 10	< 10	27	< 10	82
D11	216	202	370	< 1	0.01	23	720	12	< 0.01	< 2	3	17	0.05	< 10	< 10	28	< 10	68
D12	216	202	200	1	0.01	17	290	8	< 0.01	< 2	3	12	0.04	< 10	< 10	36	< 10	52
D13	216	202	220	1	0.01	19	510	8	< 0.01	< 2	2	14	0.04	< 10	< 10	25	< 10	54
D14	216	202	315	1	0.01	28	220	10	< 0.01	< 2	5	22	0.06	< 10	< 10	39	< 10	62
D15	216	202	295	< 1	0.01	21	430	8	< 0.01	< 2	3	14	0.05	< 10	< 10	23	< 10	56
D16	216	202	145	< 1	0.01	18	590	8	< 0.01	< 2	3	22	0.05	< 10	< 10	26	< 10	56
D22	216	202	415	1	0.01	41	320	20	< 0.01	2	4	12	0.01	< 10	< 10	39	< 10	58
D23	216	202	145	< 1	0.01	24	520	10	< 0.01	< 2	2	15	0.01	< 10	< 10	22	< 10	44
D24	216	202	465	< 1	0.01	27	650	12	< 0.01	< 2	3	25	0.01	< 10	< 10	33	< 10	62
D25	216	202	255	1	0.01	23	660	12	< 0.01	< 2	2	25	0.01	< 10	< 10	28	< 10	52
D26	216	202	270	1	0.01	21	400	10	< 0.01	< 2	3	15	0.03	< 10	< 10	47	< 10	52
D27	216	202	420	1	0.01	22	610	12	< 0.01	< 2	2	12	0.02	< 10	< 10	31	< 10	52
D28	216	202	315	< 1	0.01	24	320	14	< 0.01	< 2	4	16	0.01	< 10	< 10	20	< 10	56
D29	216	202	580	< 1	0.01	26	530	14	0.01	2	3	29	0.01	< 10	< 10	19	< 10	52
D31	216	202	265	1	0.01	21	380	10	< 0.01	< 2	2	12	0.03	< 10	< 10	46	< 10	50
D34	216	202	530	1	< 0.01	33	820	16	< 0.01	< 2	3	12	0.01	< 10	< 10	29	< 10	70
D35	216	202	295	< 1	0.01	29	490	8	< 0.01	< 2	4	15	0.01	< 10	< 10	20	< 10	64
D36	216	202	230	< 1	0.01	31	540	10	< 0.01	< 2	3	23	< 0.01	< 10	< 10	16	< 10	64
D38	216	202	415	< 1	0.01	38	520	12	< 0.01	< 2	3	42	0.01	< 10	< 10	19	< 10	68
D39	216	202	475	1	0.01	25	580	36	0.01	4	3	37	0.03	< 10	< 10	28	< 10	64
D40	216	202	325	< 1	0.01	26	660	10	< 0.01	< 2	4	26	0.04	< 10	< 10	37	< 10	60
D41	216	202	445	1	0.01	27	410	10	< 0.01	< 2	3	21	0.03	< 10	< 10	26	< 10	66
D42	216	202	275	1	0.01	27	540	8	< 0.01	2	3	26	0.03	< 10	< 10	31	< 10	72
D43	216	202	960	1	0.01	25	600	22	0.03	< 2	2	32	0.01	< 10	< 10	21	< 10	114
D44	216	202	485	1	0.01	12	600	20	0.02	< 2	1	21	0.01	< 10	< 10	15	< 10	62
D45	216	202	230	1	0.01	19	520	10	< 0.01	< 2	3	17	0.03	< 10	< 10	34	< 10	58
D46	216	202	225	1	0.01	20	320	66	< 0.01	< 2	5	19	0.04	< 10	< 10	46	< 10	114
D47	216	202	405	2	0.01	37	630	12	< 0.01	< 2	4	42	0.03	< 10	< 10	45	< 10	104
D48	216	202	415	1	0.01	32	760	12	0.01	< 2	4	39	0.03	< 10	< 10	42	< 10	98
D49	216	202	380	2	0.01	37	720	10	< 0.01	2	4	36	0.03	< 10	< 10	40	< 10	110

CERTIFICATION:

Said / Lema



ALS Chemex

Aurora Laboratory Services Ltd.
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 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

TO: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V6Z 3N4

Page No. : 2-A
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 Certificate Date: 04-AUG-2000
 Invoice No. : I0024192
 P.O. Number :
 Account : NDJ

Project : SUMMIT
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024192

SAMPLE	PREP CODE	Au ppb EXT-AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
D50	216 202	8 < 0.2	1.63	18 < 10	560	0.5	< 2	0.54 < 0.5	14	29	42	3.20	< 10	< 1	0.15	10	0.62			
D51	216 202	6 < 0.2	1.18	16 < 10	380	< 0.5	< 2	0.41 < 0.5	9	25	25	2.39	< 10	< 1	0.05	10	0.40			
D52	216 202	36 < 0.2	0.63	86 < 10	280	< 0.5	< 2	0.23 < 0.5	6	15	26	2.07	< 10	< 1	0.11	10	0.28			
D53	216 202	68 < 0.2	1.08	26 < 10	260	< 0.5	< 2	0.38 < 0.5	7	22	21	2.19	< 10	< 1	0.07	< 10	0.45			
D54	216 202	10 < 0.2	0.97	14 < 10	320	< 0.5	< 2	2.92 < 0.5	8	20	23	1.99	< 10	< 1	0.06	< 10	0.56			
D55	216 202	31 < 0.2	0.86	26 < 10	200	< 0.5	< 2	0.31 < 0.5	7	24	19	2.22	< 10	< 1	0.06	10	0.34			
D56	216 202	12 < 0.2	1.03	34 < 10	340	< 0.5	< 2	0.40 < 0.5	9	24	26	2.37	< 10	< 1	0.09	10	0.41			
D57	216 202	18 < 0.2	1.07	22 < 10	360	< 0.5	< 2	0.45 < 0.5	9	22	18	2.14	< 10	< 1	0.06	< 10	0.40			
R1	216 202	16 < 0.2	2.04	20 < 10	330	0.5	< 2	0.12 < 0.5	10	29	27	2.77	< 10	< 1	0.06	10	0.45			
R2	216 202	3 < 0.2	1.49	14 < 10	260	0.5	< 2	0.09 < 0.5	9	26	23	2.29	< 10	< 1	0.04	10	0.40			
R3	216 202	2 < 0.2	1.24	8 < 10	420	< 0.5	< 2	0.16 < 0.5	7	19	18	1.89	< 10	< 1	0.04	10	0.30			
R4	216 202	5 < 0.2	1.06	8 < 10	160	< 0.5	< 2	0.15 < 0.5	7	17	18	1.70	< 10	< 1	0.04	10	0.34			
R5	216 202	1 < 0.2	2.02	14 < 10	280	0.5	< 2	0.10 < 0.5	11	31	20	2.62	< 10	< 1	0.04	< 10	0.45			
R6	216 202	< 1 < 0.2	1.50	10 < 10	210	0.5	< 2	0.08 < 0.5	13	25	25	2.64	< 10	< 1	0.05	10	0.43			
R7	216 202	5 < 0.2	1.00	14 < 10	260	< 0.5	< 2	0.33 < 0.5	9	18	29	2.41	< 10	< 1	0.07	10	0.40			
R8	216 202	4 < 0.2	1.11	10 < 10	300	< 0.5	< 2	0.35 < 0.5	7	21	21	2.10	< 10	< 1	0.04	10	0.40			
R9	216 202	3 < 0.2	1.30	10 < 10	290	< 0.5	< 2	0.16 < 0.5	9	22	28	2.28	< 10	< 1	0.04	10	0.43			
R10	216 202	2 < 0.2	1.07	12 < 10	100	< 0.5	< 2	0.57 < 0.5	13	17	24	3.63	< 10	< 1	0.03	30	0.42			
R11	216 202	3 < 0.2	1.52	8 < 10	430	< 0.5	< 2	0.40 < 0.5	8	24	26	2.26	< 10	< 1	0.04	10	0.43			
R12	216 202	2 < 0.2	1.00	8 < 10	210	< 0.5	< 2	0.32 < 0.5	8	21	13	1.93	< 10	< 1	0.04	< 10	0.40			
R13	216 202	2 < 0.2	2.98	16 < 10	510	0.5	< 2	0.14 < 0.5	13	37	36	3.20	< 10	< 1	0.08	10	0.65			
R14	216 202	4 < 0.2	1.51	14 < 10	160	< 0.5	< 2	0.08 < 0.5	6	23	11	2.39	< 10	< 1	0.03	10	0.25			
R15	216 202	10 < 0.2	1.78	86 < 10	290	0.5	< 2	0.34 < 0.5	13	27	14	3.25	< 10	< 1	0.05	10	0.32			
R16	216 202	2 < 0.2	1.65	12 < 10	170	< 0.5	< 2	0.15 < 0.5	11	24	16	2.59	< 10	< 1	0.04	< 10	0.38			
R17	216 202	3 < 0.2	1.24	30 < 10	200	< 0.5	< 2	0.20 < 0.5	6	21	13	2.02	< 10	< 1	0.04	10	0.31			
R18	216 202	9 < 0.2	1.18	10 < 10	280	< 0.5	< 2	0.38 < 0.5	8	19	16	2.28	< 10	< 1	0.10	10	0.39			
R19	216 202	8 < 0.2	1.22	16 < 10	380	< 0.5	< 2	0.48 < 0.5	7	16	26	2.22	< 10	< 1	0.20	20	0.46			
R20	216 202	6 < 0.2	0.96	32 < 10	230	< 0.5	< 2	0.32 < 0.5	7	18	16	2.17	< 10	< 1	0.12	10	0.39			
R21	216 202	5 < 0.2	2.31	44 < 10	150	1.5	< 2	0.22 < 0.5	22	18	17	5.09	< 10	< 1	0.04	50	0.08			
R22	216 202	25 < 0.2	1.10	20 < 10	240	< 0.5	< 2	0.11 < 0.5	7	18	23	2.28	< 10	< 1	0.04	10	0.30			
R23	216 202	< 1 < 0.2	1.16	24 < 10	250	< 0.5	< 2	0.23 < 0.5	10	19	13	2.56	< 10	< 1	0.25	20	0.39			
R24	216 202	6 < 0.2	0.91	48 < 10	260	< 0.5	< 2	0.24 < 0.5	7	19	12	2.06	< 10	< 1	0.16	10	0.28			
R25	216 202	9 < 0.2	1.03	202 < 10	290	0.5	< 2	0.21 < 0.5	11	20	40	2.80	< 10	< 1	0.13	10	0.28			
R26	216 202	8 < 0.2	1.01	58 < 10	340	< 0.5	< 2	0.72 < 0.5	9	19	21	2.44	< 10	< 1	0.10	10	0.41			
R27	216 202	18 < 0.2	1.03	50 < 10	480	< 0.5	< 2	0.54 < 0.5	9	19	24	2.97	< 10	< 1	0.12	30	0.45			
R29	216 202	10 < 0.2	0.93	26 < 10	260	0.5	< 2	0.64 < 0.5	10	18	26	2.73	< 10	< 1	0.06	40	0.26			
R30	216 202	12 < 0.2	1.18	90 < 10	150	< 0.5	< 2	0.12 < 0.5	6	17	13	2.35	< 10	< 1	0.08	30	0.25			
R31	216 202	7 < 0.2	1.03	72 < 10	170	< 0.5	< 2	0.10 < 0.5	7	17	17	2.49	< 10	< 1	0.05	30	0.27			
R32	216 202	5 < 0.2	1.24	38 < 10	380	< 0.5	< 2	0.18 < 0.5	8	20	35	2.21	< 10	< 1	0.05	10	0.48			
R33	216 202	3 < 0.2	1.94	20 < 10	220	< 0.5	< 2	0.38 < 0.5	15	38	23	3.82	< 10	< 1	0.44	40	1.25			

CERTIFICATION: *[Signature]*



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RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project: SUMMIT
 Comments: ATTN: GORDON RICHARD

Page No. :2-B
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 Invoice No. :10024192
 P.O. Number :
 Account :NDJ

CERTIFICATE OF ANALYSIS

A0024192

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
D50	216 202	535	2	0.01	43	680	14 < 0.01	2	5	42	0.04	< 10	< 10	44	< 10	112	
D51	216 202	285	< 1	0.01	25	700	10 < 0.01	< 2	4	30	0.04	< 10	< 10	40	< 10	50	
D52	216 202	230	< 1	0.01	17	350	12 0.05	2	3	22	0.03	< 10	< 10	23	< 10	50	
D53	216 202	250	1	0.01	23	420	10 < 0.01	2	3	24	0.05	< 10	< 10	38	< 10	60	
D54	216 202	300	1	0.02	22	630	4 0.01	< 2	3	73	0.06	< 10	< 10	40	< 10	58	
D55	216 202	205	< 1	0.01	22	520	8 < 0.01	< 2	4	22	0.04	< 10	< 10	42	< 10	42	
D56	216 202	310	1	0.01	25	620	8 < 0.01	< 2	4	26	0.05	< 10	< 10	38	< 10	56	
D57	216 202	295	1	0.01	21	610	8 < 0.01	2	3	28	0.04	< 10	< 10	36	< 10	58	
R1	216 202	235	1	0.01	31	150	10 < 0.01	2	4	12	0.03	< 10	< 10	41	< 10	56	
R2	216 202	195	1	0.01	24	120	8 < 0.01	< 2	4	12	0.04	< 10	< 10	37	< 10	52	
R3	216 202	300	1	0.01	19	180	8 < 0.01	< 2	4	18	0.04	< 10	< 10	35	< 10	42	
R4	216 202	205	< 1	0.01	17	360	6 < 0.01	< 2	2	13	0.05	< 10	< 10	24	< 10	46	
R5	216 202	205	1	0.01	29	130	8 < 0.01	2	3	12	0.04	< 10	< 10	40	< 10	56	
R6	216 202	330	1	0.01	27	180	10 < 0.01	< 2	3	11	0.03	< 10	< 10	32	< 10	56	
R7	216 202	305	< 1	0.01	25	690	8 < 0.01	2	3	22	0.03	< 10	< 10	21	< 10	72	
R8	216 202	200	1	0.01	21	540	10 < 0.01	< 2	3	23	0.04	< 10	< 10	28	< 10	54	
R9	216 202	290	< 1	0.01	23	190	8 < 0.01	2	5	17	0.04	< 10	< 10	32	< 10	50	
R10	216 202	120	< 1	0.01	30	710	14 0.04	< 2	3	30	< 0.01	< 10	< 10	16	< 10	84	
R11	216 202	190	< 1	0.01	22	360	14 < 0.01	4	3	22	0.03	< 10	< 10	38	< 10	116	
R12	216 202	290	1	0.01	20	460	6 < 0.01	< 2	2	21	0.04	< 10	< 10	28	< 10	62	
R13	216 202	305	2	0.01	52	180	12 < 0.01	2	6	16	0.08	< 10	< 10	55	< 10	88	
R14	216 202	135	1	0.01	15	190	10 < 0.01	< 2	2	9	0.04	< 10	< 10	47	< 10	32	
R15	216 202	280	1	0.01	31	400	20 0.01	6	3	19	0.02	< 10	< 10	45	< 10	50	
R16	216 202	190	1	0.01	27	250	10 < 0.01	< 2	2	13	0.03	< 10	< 10	38	< 10	50	
R17	216 202	180	1	0.01	14	440	10 0.01	8	2	15	0.03	< 10	< 10	36	< 10	46	
R18	216 202	205	1	0.01	17	560	10 < 0.01	< 2	4	29	0.04	< 10	< 10	26	< 10	58	
R19	216 202	355	< 1	0.01	15	680	18 0.01	< 2	3	37	0.05	< 10	< 10	21	< 10	64	
R20	216 202	245	< 1	0.01	17	540	14 0.01	< 2	3	21	0.04	< 10	< 10	26	< 10	68	
R21	216 202	295	1	< 0.01	62	720	48 0.01	2	4	17	< 0.01	10	< 10	12	< 10	64	
R22	216 202	155	1	0.01	22	150	8 < 0.01	< 2	2	12	0.01	< 10	< 10	30	< 10	54	
R23	216 202	595	< 1	< 0.01	18	330	14 < 0.01	< 2	3	19	0.06	< 10	< 10	29	< 10	42	
R24	216 202	235	1	< 0.01	15	170	18 0.03	2	2	22	0.04	< 10	< 10	31	< 10	38	
R25	216 202	270	1	< 0.01	39	210	6 0.01	6	5	25	0.02	< 10	< 10	26	< 10	76	
R26	216 202	430	1	< 0.01	19	550	16 0.03	< 2	3	41	0.03	< 10	< 10	25	< 10	68	
R27	216 202	405	1	< 0.01	19	620	16 0.01	2	4	37	0.04	< 10	< 10	24	< 10	60	
R29	216 202	285	< 1	< 0.01	26	770	12 0.01	< 2	4	36	0.01	10	< 10	24	< 10	48	
R30	216 202	165	2	< 0.01	18	420	14 < 0.01	< 2	1	13	0.02	< 10	< 10	28	< 10	36	
R31	216 202	215	1	< 0.01	20	230	10 < 0.01	2	2	11	0.01	10	< 10	24	< 10	38	
R32	216 202	520	< 1	< 0.01	22	380	6 < 0.01	< 2	4	16	0.04	< 10	< 10	34	< 10	50	
R33	216 202	605	< 1	< 0.01	22	880	16 < 0.01	< 2	5	28	0.10	10	< 10	33	< 10	74	

CERTIFICATION:

Sarah [Signature]



ALS Chemex

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RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

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Project : SUMMIT
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS

A0024192

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
R34	216	202	5	< 0.2	1.47	30	< 10	200	0.5	< 2	0.40	< 0.5	12	31	20	3.30	< 10	< 1	0.20	30	0.83
R35	216	202	< 1	< 0.2	1.57	26	< 10	160	0.5	< 2	0.20	< 0.5	12	30	21	3.06	< 10	< 1	0.31	20	0.63
R36	216	202	5	< 0.2	1.36	36	< 10	150	0.5	< 2	0.25	< 0.5	14	26	19	3.71	< 10	< 1	0.56	30	0.67
R48	216	202	3	< 0.2	0.88	84	< 10	310	< 0.5	2	0.23	< 0.5	7	16	17	2.35	< 10	< 1	0.15	10	0.28

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J. RICHARDS, GORDON

6170 TISDALL ST.,
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V5Z 3N4

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CERTIFICATE OF ANALYSIS

A0024192

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
R34	216	202	370	1 < 0.01		22	760	14 < 0.01	< 2	4	27	0.06	< 10	< 10	30	< 10		62
R35	216	202	265	1 < 0.01		24	160	16 < 0.01	< 2	4	22	0.07	< 10	< 10	34	< 10		60
R36	216	202	445	1 < 0.01		21	200	14 < 0.01	2	6	22	0.08	< 10	< 10	29	< 10		74
R48	216	202	255	< 1 < 0.01		15	900	16 0.01	2	2	20	0.03	< 10	< 10	28	< 10		62

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to: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

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 Invoice No :10024624
 P.O. Number :
 Account :NDJ

Project : SUMMIT
 Comments : ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024624

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
D58	205	226	500	< 1	0.04	2	330	< 2	< 0.01	< 2	6	5	< 0.01	< 10	< 10	6	< 10	60



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to: RICHARDS, GORDON

6170 TISDALL ST.,
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CERTIFICATE OF ANALYSIS A0024624

SAMPLE	PREP CODE		Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	
			ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	
D58	205	226	EXT-AA	< 1	< 0.2	0.21	< 2	< 10	60	< 0.5	< 2	0.11	< 0.5	3	31	5	2.11	< 10	< 1	0.07	10	0.03



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 VANCOUVER, BC
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CERTIFICATE OF ANALYSIS A0024188

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
D19	205	226	< 1	0.6	0.21	< 2	10	< 10	< 0.5	< 2	0.04	< 0.5	1	51	3	0.73	< 10	< 1	0.01	< 10	0.13
D20	205	226	< 1	< 0.2	0.39	< 2	10	30	< 0.5	< 2	0.06	< 0.5	4	54	5	1.98	< 10	< 1	0.10	< 10	0.17
D32	205	226	< 1	< 0.2	0.24	2	20	30	< 0.5	< 2	0.02	< 0.5	4	34	3	1.32	< 10	< 1	0.03	< 10	0.09
D33	205	226	< 1	< 0.2	0.03	112	10	< 10	< 0.5	< 2	< 0.01	< 0.5	1	69	22	1.02	< 10	< 1	< 0.01	< 10	< 0.01
D37	205	226	< 1	< 0.2	< 0.01	< 2	10	< 10	< 0.5	< 2	>15.00	< 0.5	1	4	1	0.75	< 10	< 1	< 0.01	10	0.28
R28	205	226	70	0.8	0.05	6	10	40	< 0.5	< 2	0.44	< 0.5	1	73	498	0.34	< 10	< 1	0.05	< 10	< 0.01
R37	205	226	3	< 0.2	0.13	34	10	70	< 0.5	< 2	0.03	< 0.5	3	55	8	1.45	< 10	< 1	0.11	< 10	0.01
R38	205	226	< 1	< 0.2	0.12	10	10	320	< 0.5	< 2	8.80	< 0.5	3	27	3	1.35	< 10	< 1	0.01	< 10	4.87
R39	205	226	< 1	< 0.2	0.10	8	10	90	< 0.5	< 2	0.61	< 0.5	1	26	6	0.41	< 10	< 1	0.02	< 10	0.01
R40	205	226	< 1	< 0.2	0.05	38	10	110	< 0.5	< 2	0.01	< 0.5	1	74	12	0.44	< 10	< 1	0.02	< 10	< 0.01
R41	205	226	< 1	< 0.2	0.12	80	10	70	< 0.5	< 2	0.02	< 0.5	3	21	11	1.33	< 10	< 1	0.05	< 10	0.01
R42	205	226	< 1	< 0.2	0.16	104	10	50	< 0.5	< 2	0.04	< 0.5	3	36	6	1.90	< 10	< 1	0.10	20	0.01
R43	205	226	< 1	< 0.2	0.14	36	10	70	< 0.5	< 2	0.03	< 0.5	1	31	25	1.80	< 10	< 1	0.07	< 10	< 0.01
R44	205	226	26	< 0.2	0.11	284	10	100	< 0.5	< 2	0.01	< 0.5	1	84	1	0.55	< 10	< 1	0.10	< 10	< 0.01
R45	205	226	< 1	< 0.2	0.30	40	20	110	< 0.5	< 2	0.04	< 0.5	3	32	3	1.69	< 10	< 1	0.20	10	0.06
R46	205	226	5	< 0.2	0.30	22	10	50	< 0.5	< 2	0.09	< 0.5	5	44	14	0.72	< 10	< 1	0.02	< 10	0.03
R47	205	226	< 1	< 0.2	0.07	78	10	130	< 0.5	< 2	0.75	< 0.5	13	43	57	1.74	< 10	< 1	0.04	< 10	0.09
R49	205	226	2	< 0.2	0.15	122	10	200	< 0.5	< 2	0.05	< 0.5	4	154	21	1.20	< 10	< 1	0.07	< 10	0.02

CERTIFICATION: *[Signature]*



ALS Chemex

Aurora Laboratory Services Ltd
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 212 Brooksbank Ave., North Vancouver
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 PHONE: 604-984-0221 FAX: 604-984-0218

to: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Page Number :1-B
 Total Pages :1
 Certificate Date: 07-AUG-2000
 Invoice No. : I0024188
 P.O. Number :
 Account : NDJ

Project : SUMMIT
 Comments : ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024188

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
D19	205 226	130	< 1	0.01	5	30	22 < 0.01	< 2	< 1	1 < 0.01	< 10	< 10	1 < 10	128			
D20	205 226	435	< 1	0.01	11	130	38 < 0.01	< 2	< 1	6 < 0.01	< 10	< 10	3 < 10	78			
D32	205 226	155	< 1	0.01	7	160	8 < 0.01	< 2	< 1	3 < 0.01	< 10	< 10	3 < 10	18			
D33	205 226	40	< 1	0.01	7	110	< 2 < 0.01	2	< 1	1 < 0.01	< 10	< 10	1 < 10	12			
D37	205 226	840	1	0.01	1	160	14 < 0.01	2	< 1	2590 < 0.01	< 10	< 10	< 1 < 10	2			
R28	205 226	140	< 1	< 0.01	2	80	202 0.03	124	< 1	32 < 0.01	< 10	< 10	< 1 < 10	12			
R37	205 226	235	< 1	0.03	2	280	10 0.01	2	1	8 < 0.01	< 10	< 10	1 < 10	50			
R38	205 226	7570	1	0.01	12	900	12 < 0.01	2	4	200 < 0.01	< 10	< 10	5 < 10	30			
R39	205 226	795	< 1	0.03	2	610	18 < 0.01	2	< 1	49 < 0.01	< 10	< 10	1 < 10	10			
R40	205 226	65	7	< 0.01	6	40	2 < 0.01	12	< 1	1 < 0.01	< 10	< 10	1 < 10	14			
R41	205 226	165	< 1	0.03	3	200	10 0.01	10	1	4 < 0.01	< 10	< 10	2 < 10	46			
R42	205 226	280	< 1	0.04	1	340	8 0.01	6	3	7 < 0.01	< 10	< 10	1 < 10	76			
R43	205 226	60	1	0.06	1	450	10 0.10	10	< 1	19 < 0.01	< 10	< 10	1 < 10	446			
R44	205 226	55	< 1	0.01	5	90	2 0.01	10	< 1	8 < 0.01	< 10	< 10	2 < 10	12			
R45	205 226	275	< 1	0.04	2	300	< 2 < 0.01	< 2	2	6 0.02	< 10	< 10	< 1 < 10	44			
R46	205 226	130	1	0.03	14	340	< 2 < 0.01	6	< 1	6 < 0.01	< 10	< 10	< 1 < 10	22			
R47	205 226	750	6	0.01	34	1100	34 < 0.01	6	1	13 < 0.01	< 10	< 10	14 < 10	18			
R49	205 226	135	< 1	0.01	14	230	6 < 0.01	12	< 1	5 < 0.01	< 10	< 10	4 < 10	28			

CERTIFICATION. *[Handwritten Signature]*

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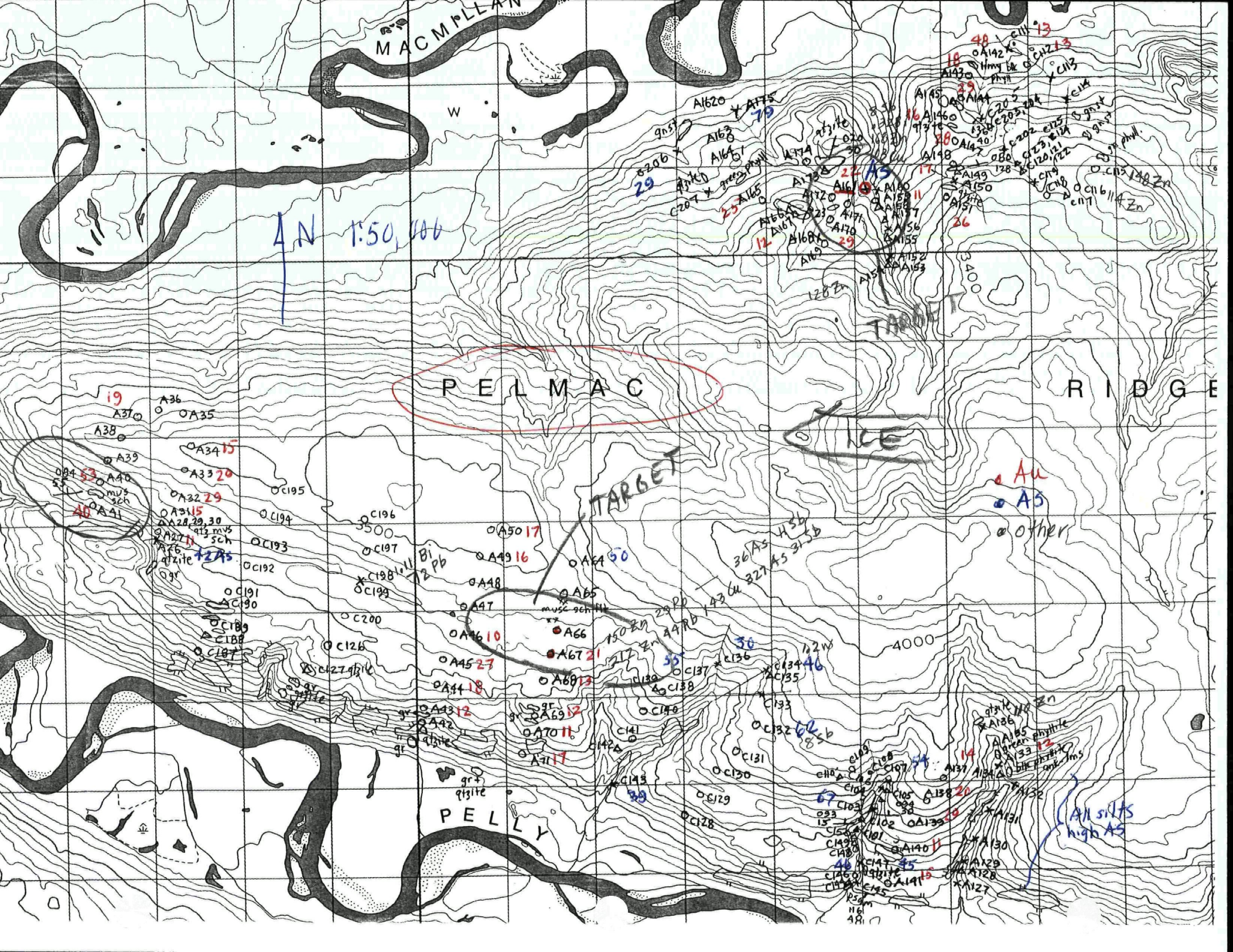
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ALS Chemex

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J: RICHARDS, GORDON

6170 TISDALL ST.,
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Page No. : 1-A
 Total Pages : 1
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 Invoice No. : I0024195
 P.O. Number :
 Account : NDJ

Project : PELMAC
 Comments : ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS

A0024195

SAMPLE	PREP CODE		Au ppb	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
			EXT-AA	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
A26	201	202	5	0.33	2.6	16.2	140	0.70	0.39	< 10	0.18	1.31	11	12.2	25.2	1.0	< 0.1	2.48	< 10	14	0.58
A127	201	202	8	0.53	1.2	29.0	190	0.20	0.07	< 10	0.22	1.16	16	9.2	19.0	1.4	< 0.1	1.86	< 10	10	0.45
A129	201	202	3	0.46	1.4	26.2	180	0.20	0.15	< 10	0.30	1.24	14	9.2	19.2	1.6	< 0.1	1.79	< 10	10	0.43
A130	201	202	1	0.47	1.3	27.4	180	0.15	0.06	< 10	0.24	1.33	14	9.0	18.6	1.3	< 0.1	1.83	< 10	10	0.44
A131	201	202	5	0.47	1.3	28.6	180	0.10	0.09	< 10	0.24	1.24	14	9.4	20.8	1.4	< 0.1	1.85	< 10	10	0.44
A132	201	202	4	0.62	1.8	53.6	260	0.20	0.12	< 10	0.36	1.51	20	14.4	27.4	1.8	< 0.1	2.99	< 10	16	0.60
A133	201	202	12	0.74	3.3	78.2	170	0.25	0.09	< 10	0.34	0.78	17	9.4	23.8	1.8	< 0.1	1.91	< 10	10	0.35
A136	201	202	2	0.82	4.2	167.5	230	0.30	0.14	< 10	0.36	0.85	25	14.2	27.0	2.2	< 0.1	3.40	< 10	16	0.55
A150	201	202	5	0.69	0.7	17.0	180	0.15	0.07	< 10	0.18	0.67	14	8.8	28.6	1.6	< 0.1	1.79	< 10	8	0.28
A152	201	202	6	0.64	1.1	14.8	270	0.20	0.05	< 10	0.34	2.36	16	9.6	27.8	1.6	< 0.1	1.82	< 10	12	0.61
A156	201	202	5	0.69	1.3	20.8	320	0.20	0.08	< 10	0.38	2.73	20	11.8	41.0	1.7	< 0.1	2.38	< 10	16	0.80
A160	201	202	4	0.59	1.0	12.8	270	0.20	0.04	< 10	0.32	1.83	16	8.6	24.0	1.6	< 0.1	1.78	< 10	8	0.58
A161	201	202	22	0.52	8.5	19.2	230	0.25	0.32	< 10	0.62	1.04	13	19.0	103.5	1.2	< 0.1	3.93	< 10	24	0.42
A168	201	202	12	0.78	0.8	9.4	240	0.20	0.09	< 10	0.30	1.31	18	8.2	32.6	1.7	< 0.1	2.04	< 10	14	0.39
A171	201	202	5	0.74	1.3	20.8	310	0.20	0.09	< 10	0.46	1.27	19	13.0	34.6	1.8	< 0.1	3.29	< 10	20	0.60
A175	201	202	3	0.67	2.2	79.4	180	0.10	0.03	< 10	0.14	0.74	12	6.6	15.2	1.5	< 0.1	1.86	< 10	10	0.42
C103	201	202	1	0.79	3.2	67.6	110	0.25	0.12	< 10	0.18	1.96	42	17.6	27.6	2.5	< 0.1	3.13	< 10	12	0.80
C106	201	202	4	0.61	4.7	82.4	150	0.25	0.14	< 10	0.26	1.73	17	11.0	25.2	1.5	< 0.1	2.84	< 10	16	0.40
C107	201	202	4	0.70	3.6	54.4	150	0.20	0.09	< 10	0.24	1.19	15	9.0	20.2	1.7	< 0.1	2.08	< 10	12	0.33
C111	201	202	13	0.77	0.6	7.2	270	0.15	0.03	< 10	0.14	0.80	15	6.0	15.0	1.7	< 0.1	1.56	< 10	8	0.33
C113	201	202	3	0.10	1.1	10.8	50	0.20	0.04	< 10	0.20	2.10	1	6.6	21.2	1.4	< 0.1	1.90	< 10	< 2	0.07
C114	201	202	3	0.13	0.6	6.4	50	0.20	0.02	< 10	0.18	0.29	2	6.4	18.2	1.6	< 0.1	0.39	< 10	4	0.05
C119	201	202	3	0.14	0.7	9.4	80	0.25	0.04	< 10	0.34	4.44	4	7.6	19.8	1.8	< 0.1	2.72	< 10	< 2	0.11
C133	201	202	5	0.51	1.1	13.6	160	0.15	0.05	30	0.18	1.04	10	5.8	12.4	1.4	< 0.1	1.28	< 10	14	0.26
C134	201	202	1	0.50	3.5	46.2	110	0.20	0.09	40	0.20	0.76	14	9.6	21.0	1.4	< 0.1	2.26	< 10	16	0.29
C136	201	202	1	0.55	2.1	30.6	140	0.25	0.10	30	0.36	1.19	15	10.4	25.6	1.6	< 0.1	2.29	< 10	14	0.36
C143	201	202	< 1	0.41	1.8	39.2	150	0.10	0.08	30	0.22	4.11	15	11.0	21.6	1.3	< 0.1	2.08	< 10	12	0.52
C145	201	202	1	0.65	3.6	45.8	160	0.25	0.10	30	0.26	2.73	22	11.0	31.0	1.8	< 0.1	2.10	< 10	10	0.60
C147	201	202	3	0.74	4.0	46.8	190	0.25	0.11	30	0.30	2.40	20	11.2	30.2	1.9	< 0.1	2.10	< 10	14	0.57
C198	201	202	1	0.66	0.6	14.8	160	0.20	1.11	30	0.08	0.76	18	5.8	12.2	1.7	< 0.1	1.50	< 10	72	0.45
C202	201	202	2	0.55	0.9	9.0	430	0.20	0.06	30	0.56	8.52	14	6.8	23.6	1.5	< 0.1	1.37	< 10	8	0.57
C205	201	202	4	0.74	1.4	18.8	390	0.20	0.14	30	0.40	6.56	15	9.0	37.0	1.7	< 0.1	1.86	< 10	14	0.64
C206	201	202	3	0.63	1.6	29.2	320	0.25	0.08	40	0.36	2.46	15	10.0	36.8	1.5	< 0.1	2.16	< 10	14	0.58
C207	201	202	5	0.59	1.5	19.0	330	0.15	0.08	40	0.34	2.22	15	9.4	34.6	1.5	< 0.1	2.08	< 10	16	0.53

CERTIFICATION:

[Handwritten Signature]



ALS Chemex

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 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

to: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project: PELMAC
 Comments: ATTN: GORDON RICHARD

Page Number : 1-B
 Total Pages : 1
 Certificate Date: 04-AUG-2000
 Invoice No. : I0024195
 P.O. Number :
 Account : NDJ

CERTIFICATE OF ANALYSIS

A0024195

SAMPLE	PREP CODE	Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
A26	201 202	620	0.11	0.8	25	390	0.05	3	< 0.5	0.12 < 0.01		61	0.24 < 0.05	0.02 < 0.01	0.15	1.60	14	74		
A127	201 202	360	0.08	0.6	25	830	0.04	2	< 0.5	0.08 < 0.01		56	0.03 < 0.05	0.02 < 0.01	0.05	0.55	20	64		
A129	201 202	350	0.06	0.8	24	780	0.04	2	< 0.5	0.10 < 0.01		56	0.04 < 0.05	0.04 < 0.01	0.10	0.85	19	56		
A130	201 202	360	0.07	0.6	24	900	0.04	2	< 0.5	0.08 < 0.01		60	0.04 < 0.05	0.02 < 0.01	0.05	0.60	20	56		
A131	201 202	335	0.07	0.8	24	880	0.04	2	< 0.5	0.10 < 0.01		56	0.05 < 0.05	0.02 < 0.01	0.15	0.70	19	58		
A132	201 202	645	0.07	1.2	39	700	0.05	2	< 0.5	0.08 < 0.01		67	0.03 < 0.05	0.02 < 0.01	0.05	0.70	21	84		
A133	201 202	350	0.13	0.6	28	810	0.05	1	0.5	0.16 < 0.01		58	0.06 < 0.05	0.02 < 0.01	0.15	0.65	21	84		
A136	201 202	650	0.11	1.2	40	770	0.06	2	0.5	0.10 < 0.01		56	0.02 < 0.05	0.02 < 0.01	0.10	0.80	27	110		
A150	201 202	405	0.54	0.8	22	610	0.05	1	0.5	0.10 < 0.01		39	0.03 < 0.05	0.02 < 0.01	0.15	0.55	22	84		
A152	201 202	665	0.33	1.0	23	830	0.06	3	< 0.5	0.12 < 0.01		69	0.04 < 0.05	0.02 < 0.01	0.04	0.55	24	70		
A156	201 202	1105	0.35	1.6	30	880	0.07	3	< 0.5	0.14 < 0.01		78	0.04 < 0.05	0.02 < 0.01	0.03	0.55	1.35	24	88	
A160	201 202	585	0.27	0.8	22	910	0.06	2	< 0.5	0.08 < 0.01		63	0.04 < 0.05	0.02 < 0.01	0.04	0.05	0.80	26	64	
A161	201 202	1145	0.46	2.8	56	650	0.07	2	1.5	0.36 < 0.01		54	0.11	0.10	0.08	0.01 < 0.05	1.25	15	168	
A168	201 202	550	0.46	0.8	22	870	0.06	2	1.0	0.20 < 0.01		60	0.08 < 0.05	0.02 < 0.01	0.02	0.25	0.80	23	86	
A171	201 202	1175	0.80	2.0	31	910	0.09	3	0.5	0.10 < 0.01		58	0.02	0.05 < 0.02	0.03	0.05	0.60	29	128	
A175	201 202	425	0.55	0.8	14	780	0.07	1	< 0.5	0.06 < 0.01		44	0.02 < 0.05	0.02 < 0.01	0.02	0.60	0.50	20	64	
C103	201 202	535	0.09	1.0	71	860	0.06	3	< 0.5	0.06 < 0.01		123	0.05 < 0.05	0.02 < 0.01	0.05	0.70	25	84		
C106	201 202	430	0.08	0.8	34	630	0.06	2	0.5	0.08 < 0.01		89	0.05 < 0.05	0.02 < 0.01	0.10	0.80	19	96		
C107	201 202	360	0.09	0.6	25	690	0.06	2	< 0.5	0.08 < 0.01		67	0.03 < 0.05	0.02 < 0.01	0.05	0.60	23	80		
C111	201 202	365	0.90	0.2	13	780	0.06	2	< 0.5	0.08 < 0.01		55	0.03 < 0.05	0.02 < 0.01	0.03	0.05	0.40	24	64	
C113	201 202	500	0.59	0.6	1	140	0.09	< 1	< 0.5	0.10 < 0.03		7	< 0.01 < 0.05	< 0.02 < 0.01	0.15	0.35	< 1	6		
C114	201 202	105	1.14	0.4	2	150	0.02	< 1	< 0.5	0.06 < 0.01		14	< 0.01 < 0.05	< 0.02 < 0.01	0.05	0.45	4	8		
C119	201 202	105	0.68	0.6	3	190	0.01	< 1	< 0.5	0.10 < 0.01		13	< 0.01 < 0.05	< 0.02 < 0.01	0.05	0.45	2	8		
C133	201 202	255	0.07	0.4	13	420	0.03	1	< 0.5	0.08 < 0.01		57	0.04 < 0.05	0.02 < 0.01	0.10	0.60	24	54		
C134	201 202	320	0.06	0.6	28	800	0.05	2	< 0.5	0.08 < 0.01		45	0.03 < 0.05	0.02 < 0.01	0.01	1.20	0.65	19	88	
C136	201 202	375	0.10	1.0	29	750	0.05	2	< 0.5	0.12 < 0.01		63	0.04 < 0.05	0.02 < 0.01	0.10	0.75	25	82		
C143	201 202	385	0.09	0.6	34	710	0.05	2	0.5	0.06 < 0.01		136	0.05 < 0.05	0.02 < 0.01	0.05	0.70	17	72		
C145	201 202	370	0.17	0.8	41	740	0.06	2	1.0	0.12 < 0.01		125	0.10 < 0.05	0.02 < 0.01	0.10	0.95	20	66		
C147	201 202	435	0.12	0.6	39	760	0.06	3	0.5	0.14 < 0.01		118	0.09 < 0.05	0.02 < 0.01	0.10	1.00	22	66		
C198	201 202	220	0.05	0.4	15	790	0.05	2	< 0.5	0.50 < 0.01		55	0.07 < 0.05	0.02 < 0.01	0.03	0.30	0.65	26	50	
C202	201 202	455	0.44	0.6	15	680	0.06	2	0.5	0.12 < 0.01		113	0.04 < 0.05	0.02 < 0.01	0.03	0.15	0.45	19	54	
C205	201 202	560	1.09	1.2	17	820	0.09	3	0.5	0.28 < 0.01		99	0.05 < 0.05	0.02 < 0.01	0.03	0.25	0.75	25	66	
C206	201 202	685	0.31	1.4	28	1180	0.06	3	0.5	0.16 < 0.01		81	0.04 < 0.05	0.02 < 0.01	0.03	0.05	0.80	26	80	
C207	201 202	610	0.20	1.4	28	1260	0.06	3	0.5	0.14 < 0.01		69	0.04 < 0.05	0.02 < 0.01	0.03	0.05	0.80	28	76	

CERTIFICATION: 



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

to: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project: PELMAC
 Comments: ATTN: GORDON RICHARD

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 Account : NDJ

CERTIFICATE OF ANALYSIS

A0024193

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
A28	205	226	< 1	< 0.2	0.07	10	< 10	140	< 0.5	< 2	0.15	< 0.5	7	147	42	0.84	< 10	< 1	0.04	< 10	0.07
A29	205	226	3	< 0.2	0.08	20	< 10	160	< 0.5	< 2	0.14	< 0.5	6	151	28	1.04	< 10	< 1	0.04	< 10	0.03
A30	205	226	5	0.2	0.11	26	< 10	230	< 0.5	< 2	0.10	2.5	19	112	21	1.35	< 10	< 1	0.08	< 10	0.11
A126	205	226	< 1	0.2	0.67	102	< 10	60	< 0.5	< 2	7.19	< 0.5	33	202	18	3.82	< 10	< 1	0.02	10	3.56
A128	205	226	2	< 0.2	0.46	< 2	< 10	10	< 0.5	< 2	7.77	< 0.5	13	85	12	3.40	< 10	< 1	< 0.01	10	4.30
A134	205	226	< 1	< 0.2	0.06	< 2	< 10	10	< 0.5	< 2	6.25	< 0.5	1	59	< 1	1.70	< 10	< 1	0.05	< 10	2.34
A135	205	226	< 1	< 0.2	0.11	4	< 10	30	< 0.5	< 2	2.61	< 0.5	3	68	< 1	1.80	< 10	< 1	< 0.01	< 10	0.45
A145	205	226	< 1	< 0.2	0.33	< 2	< 10	230	< 0.5	< 2	1.80	< 0.5	4	31	1	2.56	< 10	< 1	0.33	10	0.53
A149	205	226	< 1	< 0.2	0.04	26	< 10	20	< 0.5	< 2	0.03	< 0.5	1	14	28	0.72	< 10	< 1	0.02	< 10	< 0.01
A153	205	226	< 1	1.0	0.01	< 2	< 10	10	< 0.5	< 2	>15.00	0.5	< 1	3	< 1	0.15	< 10	< 1	< 0.01	10	2.00
A154	205	226	< 1	0.6	0.05	4	< 10	90	< 0.5	< 2	0.20	< 0.5	1	116	16	0.68	< 10	< 1	< 0.01	< 10	0.02
A155	205	226	< 1	< 0.2	0.08	34	< 10	100	< 0.5	< 2	0.07	< 0.5	11	115	6	0.86	< 10	< 1	0.04	< 10	0.01
A157	205	226	< 1	0.2	0.35	20	< 10	100	0.5	< 2	7.52	< 0.5	16	26	2	5.07	< 10	< 1	0.12	20	1.64
A158	205	226	10	1.0	0.13	40	< 10	70	< 0.5	< 2	1.04	< 0.5	14	110	36	3.14	< 10	< 1	0.01	< 10	0.34
A166	205	226	3	< 0.2	0.12	2	< 10	2360	< 0.5	< 2	2.19	< 0.5	9	87	59	6.74	< 10	< 1	< 0.01	< 10	0.91
A167	205	226	< 1	< 0.2	0.14	< 2	< 10	2660	< 0.5	< 2	0.63	< 0.5	2	151	8	0.50	< 10	< 1	0.01	< 10	0.28
A173	205	226	5	< 0.2	0.04	44	< 10	430	< 0.5	< 2	0.02	< 0.5	14	121	5	1.61	< 10	< 1	0.02	< 10	0.01
C101	205	226	< 1	0.2	1.19	8	< 10	10	< 0.5	< 2	3.05	< 0.5	27	182	40	4.51	< 10	< 1	0.03	< 10	2.46
C102	205	226	< 1	0.2	0.40	6	< 10	10	0.5	< 2	2.94	< 0.5	39	169	70	6.48	< 10	< 1	0.02	< 10	4.29
C104	205	226	< 1	0.2	0.29	< 2	< 10	50	0.5	< 2	6.66	< 0.5	27	108	18	4.22	< 10	< 1	0.03	30	3.18
C105	205	226	< 1	< 0.2	0.12	< 2	< 10	10	< 0.5	< 2	1.42	< 0.5	3	94	1	0.95	< 10	< 1	0.06	< 10	0.50
C109	205	226	< 1	0.2	0.23	< 2	< 10	80	< 0.5	< 2	6.66	< 0.5	31	37	35	4.23	< 10	< 1	0.12	30	2.49
C110	205	226	< 1	< 0.2	0.30	< 2	< 10	20	< 0.5	< 2	1.56	< 0.5	23	63	17	4.47	< 10	< 1	0.03	< 10	1.50
C117	205	226	< 1	0.4	0.06	< 2	< 10	80	< 0.5	< 2	14.95	0.5	5	3	1	6.76	< 10	< 1	0.03	10	5.91
C120	205	226	< 1	0.6	0.15	4	< 10	30	< 0.5	< 2	>15.00	< 0.5	2	18	1	1.79	< 10	< 1	0.01	< 10	7.59
C121	205	226	< 1	0.6	0.15	4	< 10	720	< 0.5	< 2	>15.00	< 0.5	2	19	< 1	1.97	< 10	< 1	0.01	10	7.57
C122	--	--	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
C123	205	226	4	< 0.2	0.25	14	< 10	100	< 0.5	< 2	4.31	< 0.5	6	32	9	2.25	< 10	< 1	0.17	< 10	0.10
C124	205	226	< 1	0.2	0.10	< 2	< 10	10	< 0.5	< 2	7.93	0.5	< 1	25	< 1	0.24	< 10	< 1	0.09	< 10	4.09
C125	205	226	< 1	0.6	< 0.01	< 2	< 10	< 10	< 0.5	< 2	>15.00	0.5	< 1	2	< 1	0.04	< 10	< 1	< 0.01	10	9.63
C127	205	226	< 1	< 0.2	0.64	< 2	< 10	20	< 0.5	< 2	0.72	< 0.5	3	150	5	0.78	< 10	< 1	0.03	< 10	0.22
C135	205	226	< 1	< 0.2	0.16	< 2	< 10	30	< 0.5	< 2	8.55	< 0.5	5	53	6	1.15	< 10	< 1	0.10	10	0.21
C139	205	226	< 1	< 0.2	0.10	2	< 10	90	< 0.5	2	3.61	< 0.5	3	88	< 1	0.85	< 10	< 1	0.06	< 10	0.19
C142	205	226	< 1	< 0.2	0.04	2	< 10	50	< 0.5	< 2	0.05	< 0.5	< 1	79	9	0.17	< 10	< 1	0.03	< 10	0.01
C144	205	226	< 1	< 0.2	1.76	< 2	< 10	130	< 0.5	< 2	3.45	< 0.5	30	196	12	4.28	< 10	< 1	0.09	< 10	2.89
C149	205	226	< 1	0.2	0.28	< 2	< 10	80	0.5	< 2	6.44	< 0.5	32	128	86	5.38	< 10	< 1	0.03	10	5.37
C150	205	226	< 1	< 0.2	0.31	8	< 10	20	< 0.5	< 2	1.87	< 0.5	21	162	22	4.54	< 10	< 1	0.06	< 10	2.88
C188	205	226	< 1	< 0.2	0.16	16	< 10	30	< 0.5	< 2	0.04	< 0.5	3	108	6	0.94	< 10	< 1	0.10	< 10	0.04
C190	205	226	< 1	< 0.2	0.14	< 2	< 10	30	< 0.5	< 2	0.04	< 0.5	4	115	8	0.78	< 10	< 1	0.07	< 10	0.03
C201	205	226	< 1	0.4	0.13	< 2	< 10	10	< 0.5	< 2	>15.00	0.5	2	20	5	0.23	< 10	< 1	< 0.01	10	0.56

CERTIFICATION:

[Signature]



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Page Number :1-B
 Total Pages :2
 Certificate Date: 04-AUG-2000
 Invoice No. : I0024193
 P.O. Number :
 Account : NDJ

Project : PELMAC
 Comments : ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024193

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A28	205	226	90	1	< 0.01	14	20	8	0.24	2	< 1	12	< 0.01	< 10	< 10	2	< 10	36
A29	205	226	55	1	< 0.01	12	40	4	0.01	< 2	< 1	12	< 0.01	< 10	< 10	1	< 10	18
A30	205	226	190	5	< 0.01	28	80	10	0.24	< 2	< 1	12	< 0.01	< 10	< 10	7	< 10	140
A126	205	226	1215	< 1	0.02	318	1050	< 2	0.04	6	6	875	< 0.01	< 10	< 10	36	< 10	82
A128	205	226	3070	1	0.02	81	820	14	0.03	< 2	5	691	< 0.01	< 10	< 10	26	< 10	38
A134	205	226	690	< 1	0.01	8	40	< 2	< 0.01	< 2	1	166	< 0.01	< 10	< 10	< 1	< 10	32
A135	205	226	750	4	0.08	12	120	< 2	< 0.01	< 2	4	114	< 0.01	< 10	< 10	3	< 10	20
A145	205	226	1350	< 1	0.03	1	1540	< 2	< 0.01	< 2	3	89	< 0.01	< 10	< 10	5	< 10	118
A149	205	226	50	< 1	< 0.01	6	30	8	< 0.01	< 2	< 1	1	< 0.01	< 10	< 10	< 1	< 10	52
A153	205	226	250	< 1	< 0.01	3	160	< 2	< 0.01	< 2	< 1	142	< 0.01	< 10	< 10	3	< 10	62
A154	205	226	60	< 1	< 0.01	5	10	4	< 0.01	4	< 1	< 1	< 0.01	< 10	< 10	< 1	< 10	8
A155	205	226	675	< 1	< 0.01	17	120	< 2	< 0.01	< 2	< 1	12	< 0.01	< 10	< 10	1	< 10	52
A157	205	226	1965	< 1	< 0.01	11	2100	< 2	< 0.01	2	3	371	< 0.01	< 10	< 10	8	< 10	22
A158	205	226	890	< 1	0.05	36	100	< 2	1.53	2	6	472	< 0.01	< 10	< 10	3	< 10	40
A166	205	226	5640	< 1	< 0.01	23	160	22	0.05	< 2	2	245	< 0.01	< 10	< 10	2	< 10	18
A167	205	226	1275	< 1	< 0.01	7	40	< 2	0.04	< 2	< 1	65	< 0.01	< 10	< 10	1	< 10	6
A173	205	226	475	< 1	< 0.01	20	60	< 2	0.01	< 2	1	3	< 0.01	< 10	< 10	1	< 10	12
C101	205	226	815	< 1	0.03	137	540	98	0.15	4	9	247	< 0.01	< 10	< 10	49	< 10	166
C102	205	226	1470	< 1	0.02	347	910	< 2	0.15	8	9	196	< 0.01	< 10	< 10	68	< 10	90
C104	205	226	1335	< 1	0.03	116	1830	4	0.16	< 2	8	714	0.03	< 10	< 10	60	< 10	70
C105	205	226	280	< 1	0.01	8	90	< 2	< 0.01	< 2	< 1	52	< 0.01	< 10	< 10	1	< 10	8
C109	205	226	975	< 1	0.01	93	2130	6	0.05	< 2	3	453	< 0.01	< 10	< 10	5	< 10	50
C110	205	226	390	< 1	0.02	65	650	< 2	0.01	< 2	6	119	< 0.01	< 10	< 10	43	< 10	92
C117	205	226	1505	< 1	0.01	19	110	< 2	< 0.01	< 2	2	63	< 0.01	< 10	< 10	13	< 10	< 2
C120	205	226	530	< 1	0.03	4	170	< 2	< 0.01	< 2	3	350	< 0.01	< 10	< 10	20	< 10	18
C121	205	226	590	< 1	0.03	5	120	< 2	0.03	< 2	2	423	< 0.01	< 10	< 10	21	< 10	22
C122	--	--	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
C123	205	226	350	1	0.04	1	1310	6	2.29	< 2	3	517	< 0.01	< 10	< 10	5	< 10	110
C124	205	226	125	< 1	< 0.01	3	740	< 2	< 0.01	< 2	1	34	< 0.01	< 10	< 10	3	< 10	16
C125	205	226	300	1	< 0.01	2	130	< 2	< 0.01	< 2	< 1	77	< 0.01	< 10	< 10	< 1	< 10	26
C127	205	226	85	< 1	0.01	8	50	< 2	0.01	< 2	< 1	4	0.01	< 10	< 10	9	< 10	8
C135	205	226	425	< 1	0.01	12	270	6	0.07	< 2	1	371	< 0.01	< 10	< 10	2	< 10	42
C139	205	226	580	< 1	< 0.01	6	60	12	< 0.01	< 2	1	28	< 0.01	< 10	< 10	3	< 10	10
C142	205	226	25	< 1	< 0.01	3	60	< 2	< 0.01	4	< 1	3	< 0.01	< 10	< 10	< 1	< 10	4
C144	205	226	590	< 1	0.01	91	520	< 2	0.04	< 2	9	217	< 0.01	< 10	< 10	41	< 10	88
C149	205	226	1250	< 1	0.02	164	1590	70	0.03	< 2	15	437	< 0.01	< 10	< 10	114	< 10	96
C150	205	226	615	< 1	0.02	124	530	< 2	0.01	< 2	5	142	< 0.01	< 10	< 10	36	< 10	70
C188	205	226	155	< 1	0.01	9	120	6	< 0.01	< 2	< 1	4	< 0.01	< 10	< 10	7	< 10	22
C190	205	226	115	< 1	0.01	10	90	6	0.02	< 2	< 1	1	< 0.01	< 10	< 10	5	< 10	16
C201	205	226	605	< 1	< 0.01	11	170	< 2	< 0.01	< 2	1	111	< 0.01	< 10	< 10	7	< 10	14

CERTIFICATION:

[Handwritten Signature]



ALS Chemex

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 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project: PELMAC
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Page Number :2-A
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CERTIFICATE OF ANALYSIS	A0024193
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SAMPLE	PREP CODE	Au ppb EXT-AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
C204	205 226	< 1	1.0	< 0.01	< 2	< 10	< 10	< 0.5	< 2	>15.00	0.5	< 1	3	< 1	0.03	< 10	< 1	< 0.01	10	1.27



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6170 TISDALL ST.,
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CERTIFICATE OF ANALYSIS	A0024193
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SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
C204	205 226	30	1	< 0.01	4	160	< 2	< 0.01	< 2	< 1	174	< 0.01	< 10	< 10	< 1	< 10	16



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6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

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 Total: 2
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 Invoice No.: I0024197
 P.O. Number:
 Account: NDJ

Project: PELMAC
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024197

SAMPLE	PREP CODE	Au ppb EXT-AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
A27	216 202	11	0.42	3.3	42.0	110	0.15	0.23	< 10	0.16	3.61	15	15.2	51.1	1.3	< 0.1	3.21	< 10	6	0.77
A31	216 202	15	1.06	0.9	12.4	390	0.35	0.18	< 10	0.14	0.92	25	8.8	29.6	2.7	< 0.1	2.46	< 10	10	0.52
A32	216 202	29	1.10	0.8	9.8	340	0.40	0.17	< 10	0.14	0.59	26	8.4	27.8	2.8	< 0.1	2.41	10	6	0.53
A33	216 202	29	1.36	0.8	12.2	230	0.50	0.11	< 10	0.04	0.34	30	9.2	20.4	3.2	< 0.1	3.00	10	6	0.44
A34	216 202	15	1.40	0.6	9.0	350	0.35	0.13	< 10	0.12	0.38	35	9.0	16.6	3.5	< 0.1	2.70	< 10	6	0.47
A35	216 202	3	1.12	0.9	9.0	300	0.30	0.17	< 10	0.10	0.81	25	8.6	16.8	2.9	< 0.1	2.23	< 10	10	0.40
A36	216 202	2	1.00	1.0	10.6	240	0.25	0.14	< 10	0.10	0.41	24	8.2	20.8	2.7	< 0.1	2.27	10	12	0.39
A37	216 202	19	1.26	2.2	15.0	240	0.60	0.20	< 10	0.24	0.26	29	12.2	28.0	2.8	< 0.1	3.51	10	14	0.41
A38	216 202	6	1.30	0.9	12.8	300	0.40	0.23	< 10	0.22	0.26	25	8.8	18.0	3.4	< 0.1	3.14	< 10	8	0.32
A39	216 202	2	1.07	0.6	7.0	390	0.25	0.16	< 10	0.50	0.25	21	7.8	11.0	3.3	< 0.1	2.35	< 10	8	0.27
A40	216 202	53	1.22	7.2	17.8	470	0.55	0.19	< 10	0.14	0.34	27	13.2	48.0	2.5	< 0.1	4.27	10	18	0.39
A41	216 202	40	1.04	3.3	16.0	310	0.50	0.23	< 10	0.14	0.39	26	10.4	35.4	2.8	< 0.1	3.33	10	14	0.40
A42	216 202	6	1.28	1.0	11.8	240	0.45	0.09	< 10	0.28	2.32	18	8.6	29.2	3.2	< 0.1	2.47	10	6	0.55
A43	216 202	12	1.07	0.8	11.8	230	0.35	0.13	< 10	0.20	1.12	26	9.0	30.0	3.0	< 0.1	2.33	< 10	6	0.65
A44	216 202	18	1.36	1.5	22.4	490	0.55	0.18	< 10	0.20	0.36	24	11.2	40.6	3.8	< 0.1	3.56	10	14	0.46
A45	216 202	27	0.95	1.0	10.2	300	0.25	0.16	< 10	0.24	1.03	24	8.4	16.4	2.5	< 0.1	2.55	< 10	8	0.48
A46	216 202	10	1.19	0.7	8.4	350	0.35	0.13	< 10	0.08	0.45	22	7.8	22.2	3.3	< 0.1	2.69	10	10	0.44
A47	216 202	8	1.12	1.6	18.4	370	0.40	0.23	< 10	0.18	0.66	30	12.0	32.0	2.7	< 0.1	3.09	10	16	0.48
A48	216 202	5	1.31	0.8	10.6	500	0.45	0.18	< 10	0.10	0.47	28	9.0	22.6	3.4	< 0.1	2.53	10	6	0.50
A49	216 202	16	1.16	2.9	10.2	460	0.45	0.17	< 10	0.16	1.05	25	10.4	20.0	2.8	< 0.1	2.40	10	12	0.43
A50	216 202	17	1.39	1.6	24.2	400	0.55	0.22	< 10	0.12	0.23	25	10.2	26.6	2.7	< 0.1	3.44	10	16	0.39
A64	216 202	4	1.00	2.0	49.6	200	0.25	0.19	< 10	0.10	0.21	21	10.6	23.0	2.2	< 0.1	3.44	20	14	0.26
A65	216 202	9	1.04	1.2	28.6	260	0.30	0.21	< 10	0.22	0.31	23	10.2	17.8	2.7	< 0.1	3.30	10	12	0.30
A66	216 202	8	0.83	11.9	36.4	230	0.35	0.39	< 10	0.44	0.69	22	14.0	21.6	2.2	< 0.1	4.08	< 10	82	0.37
A67	216 202	21	1.19	30.9	327	360	0.60	0.67	< 10	0.42	0.31	67	62.7	143.5	2.2	< 0.1	8.62	10	44	0.29
A68	216 202	13	1.01	1.1	12.2	260	0.50	0.19	< 10	0.26	0.52	20	8.2	24.4	2.7	< 0.1	2.70	10	10	0.41
A69	216 202	12	1.40	0.7	9.6	370	0.35	0.13	< 10	0.12	0.30	19	7.0	12.4	3.4	< 0.1	2.66	< 10	6	0.36
A70	216 202	11	1.04	0.7	9.4	250	0.25	0.13	< 10	0.14	0.25	17	7.0	12.0	2.6	< 0.1	2.63	< 10	8	0.32
A71	216 202	17	1.08	0.8	11.6	180	0.35	0.12	< 10	0.06	0.70	18	7.8	22.4	2.9	< 0.1	2.85	10	6	0.49
A137	216 202	14	0.90	1.2	22.0	210	0.30	0.16	< 10	0.08	0.38	21	9.6	25.4	2.2	< 0.1	2.97	10	14	0.33
A138	216 202	20	1.12	0.8	19.6	280	0.40	0.16	< 10	0.08	0.33	27	9.2	20.6	2.7	< 0.1	2.85	10	8	0.33
A139	216 202	23	0.97	0.8	14.2	280	0.40	0.16	< 10	0.08	1.60	28	11.0	33.0	2.5	< 0.1	2.87	10	10	0.56
A140	216 202	11	0.73	1.0	14.8	280	0.30	0.18	< 10	0.26	3.55	17	10.8	27.0	2.0	< 0.1	2.34	< 10	12	0.79
A141	216 202	15	0.88	1.3	19.6	160	0.30	0.20	< 10	0.12	0.25	27	11.0	34.4	2.3	< 0.1	3.28	10	14	0.36
A142	216 202	48	1.70	1.2	11.8	310	0.65	0.10	< 10	0.28	0.64	35	15.6	57.6	4.7	< 0.1	3.62	10	10	1.32
A143	216 202	18	0.93	1.2	10.8	370	0.35	0.10	< 10	0.30	2.65	14	7.8	42.4	2.0	< 0.1	2.09	< 10	12	0.47
A144	216 202	29	0.95	1.7	21.2	420	0.30	0.16	< 10	0.24	0.75	19	9.0	49.2	2.2	< 0.1	2.67	< 10	12	0.47
A146	216 202	16	1.42	1.4	12.2	410	0.35	0.13	< 10	0.24	1.34	20	9.0	42.0	3.2	< 0.1	2.43	< 10	10	0.70
A147	216 202	28	0.97	1.2	17.4	440	0.40	0.14	< 10	0.10	0.28	19	10.8	46.8	2.4	< 0.1	2.93	< 10	10	0.32
A148	216 202	17	1.13	1.8	21.4	370	0.60	0.17	< 10	0.42	1.16	25	15.4	51.9	2.4	< 0.1	2.91	< 10	16	0.65

CERTIFICATION:



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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To: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project: PELMAC
 Comments: ATTN: GORDON RICHARD

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CERTIFICATE OF ANALYSIS A0024197

SAMPLE	PREP CODE	Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
A27	216 202	640	0.11	1.6	39	1130	0.06	3	1.0	0.44	< 0.01	105	0.11	0.15	0.14	< 0.01	0.05	1.20	15	92
A31	216 202	315	0.10	0.8	31	640	0.06	4	0.5	0.24	0.01	48	0.04	0.20	0.06	0.03	0.15	1.00	36	60
A32	216 202	300	0.10	1.0	33	790	0.07	4	< 0.5	0.24	0.01	36	0.01	0.15	0.08	0.03	0.35	0.80	39	70
A33	216 202	370	0.03	1.0	31	260	0.08	4	< 0.5	0.06	< 0.01	21	< 0.01	< 0.05	0.06	0.03	0.10	0.60	42	56
A34	216 202	360	0.03	0.8	27	450	0.05	4	< 0.5	0.06	< 0.01	20	< 0.01	0.20	0.06	0.04	0.15	0.50	45	60
A35	216 202	360	0.07	0.6	24	570	0.04	3	< 0.5	0.10	< 0.01	48	0.02	0.20	0.02	0.02	0.40	0.75	30	50
A36	216 202	355	0.07	0.6	27	750	0.04	3	< 0.5	0.10	0.01	27	< 0.01	< 0.05	0.06	0.04	0.20	0.60	34	50
A37	216 202	715	0.03	1.2	37	680	0.06	5	0.5	0.02	< 0.01	18	< 0.01	0.15	0.08	0.04	0.15	1.30	38	78
A38	216 202	465	0.02	1.4	28	810	0.05	2	< 0.5	0.10	< 0.01	18	< 0.01	0.20	0.12	0.01	0.15	0.45	43	70
A39	216 202	385	< 0.01	0.8	19	440	0.08	2	< 0.5	0.12	< 0.01	16	< 0.01	< 0.05	0.08	0.01	0.15	0.35	40	96
A40	216 202	1160	0.07	2.6	42	680	0.13	7	0.5	0.16	< 0.01	24	0.02	0.20	0.12	0.01	0.20	0.90	47	94
A41	216 202	475	0.07	1.6	39	920	0.12	7	0.5	0.10	< 0.01	26	0.01	0.20	0.16	0.03	0.20	0.95	39	80
A42	216 202	450	0.11	0.6	26	900	0.11	3	< 0.5	0.42	0.01	56	0.04	< 0.05	0.10	0.03	0.05	0.60	26	60
A43	216 202	325	0.13	0.8	34	910	0.07	4	< 0.5	0.20	0.01	48	0.01	0.15	0.08	0.03	0.15	0.55	33	66
A44	216 202	550	0.17	1.6	37	270	0.08	7	0.5	0.24	< 0.01	24	0.01	0.20	0.12	0.03	0.10	1.10	42	96
A45	216 202	470	0.04	0.8	31	990	0.05	3	0.5	0.18	0.01	61	0.03	0.10	0.06	0.03	0.35	1.05	34	70
A46	216 202	425	0.08	0.8	28	400	0.06	4	< 0.5	0.14	0.01	27	< 0.01	0.25	0.04	0.03	0.15	0.60	36	54
A47	216 202	455	0.08	1.0	55	740	0.06	4	< 0.5	0.18	< 0.01	38	0.01	0.05	0.06	0.03	0.15	0.55	34	84
A48	216 202	375	0.07	0.8	33	700	0.04	4	< 0.5	0.16	0.01	31	< 0.01	0.15	0.06	0.03	0.35	0.55	40	68
A49	216 202	480	0.08	0.4	33	500	0.04	3	< 0.5	0.16	0.01	60	0.05	0.20	0.02	0.02	0.15	1.15	29	46
A50	216 202	390	0.03	1.2	37	320	0.05	4	< 0.5	0.04	< 0.01	17	0.01	0.25	0.06	< 0.01	0.15	0.75	35	78
A64	216 202	355	0.05	0.8	33	370	0.05	2	< 0.5	0.02	< 0.01	16	< 0.01	0.05	0.02	< 0.01	0.05	0.60	20	76
A65	216 202	625	0.02	1.2	31	340	0.05	2	< 0.5	0.08	< 0.01	22	0.01	0.15	0.04	0.01	0.15	0.50	27	64
A66	216 202	370	0.19	1.6	30	650	0.05	4	< 0.5	1.60	< 0.01	49	0.11	0.20	0.04	0.01	0.10	0.70	29	150
A67	216 202	1060	1.18	1.4	426	540	0.06	9	0.5	0.14	< 0.01	29	0.08	0.20	0.06	< 0.01	0.05	0.95	41	212
A68	216 202	290	0.07	1.0	27	750	0.07	5	0.5	0.26	0.01	34	0.01	0.20	0.10	0.03	0.20	0.80	33	76
A69	216 202	305	0.04	1.2	20	280	0.05	2	< 0.5	0.12	< 0.01	20	0.01	0.05	0.06	0.01	0.10	0.35	35	54
A70	216 202	295	0.01	1.0	19	280	0.11	3	< 0.5	0.14	< 0.01	18	0.01	0.15	0.06	0.02	0.10	0.40	30	52
A71	216 202	455	0.07	0.8	24	820	0.15	5	< 0.5	0.14	< 0.01	31	< 0.01	0.15	0.08	0.04	0.15	0.55	30	52
A137	216 202	475	0.08	0.8	37	570	0.07	4	< 0.5	0.14	< 0.01	25	< 0.01	< 0.05	0.06	0.02	0.15	0.55	26	56
A138	216 202	360	0.03	1.2	33	310	0.07	4	< 0.5	0.08	< 0.01	24	< 0.01	0.20	0.06	0.03	0.20	0.60	33	48
A139	216 202	445	0.08	0.8	44	650	0.07	4	< 0.5	0.10	0.01	56	< 0.01	< 0.05	0.06	0.03	0.15	0.60	30	54
A140	216 202	420	0.05	0.8	34	760	0.07	3	< 0.5	0.14	0.03	123	0.01	0.20	0.08	0.03	0.15	0.75	24	58
A141	216 202	395	0.05	1.2	48	450	0.15	5	< 0.5	0.14	< 0.01	21	< 0.01	0.25	0.08	0.01	0.10	0.55	28	72
A142	216 202	815	0.68	0.8	30	780	0.15	13	< 0.5	0.34	< 0.01	37	0.01	0.05	0.10	0.07	0.05	0.45	72	76
A143	216 202	510	0.58	0.8	21	1000	0.10	3	< 0.5	0.16	< 0.01	62	0.01	0.15	0.06	0.01	0.10	0.40	23	74
A144	216 202	495	1.18	1.4	34	900	0.09	4	< 0.5	0.32	0.01	38	0.01	0.20	0.10	0.03	0.10	0.55	29	76
A146	216 202	700	0.67	1.0	30	840	0.09	4	0.5	0.30	0.01	53	0.01	0.05	0.08	0.02	0.20	0.60	28	92
A147	216 202	845	0.30	1.2	34	440	0.06	4	0.5	0.16	< 0.01	21	0.01	0.10	0.06	0.02	0.15	0.95	28	54
A148	216 202	900	4.10	1.4	38	1050	0.10	6	< 0.5	0.44	< 0.01	48	0.03	0.20	0.10	0.01	0.05	0.50	30	102

CERTIFICATION:



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To: RICHARDS, GORDON

6170 TISDALL ST.,
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 V5Z 3N4

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SAMPLE	PREP CODE	Au ppb EXT-AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
A151	216 202	26	0.59	1.9	27.4	180	0.15	0.29	< 10	0.58	5.76	12	26.8	94.1	1.3	< 0.1	2.48	< 10	34	0.37
A159	216 202	11	0.48	1.6	91.4	130	0.20	0.18	< 10	0.20	0.12	1	19.8	90.8	0.8	< 0.1	3.22	< 10	8	0.26
A162	216 202	9	0.83	1.5	63.0	340	0.30	0.12	< 10	0.32	0.79	16	9.6	40.8	2.0	< 0.1	2.30	< 10	10	0.34
A163	216 202	7	0.80	3.0	106.0	220	0.35	0.18	< 10	0.42	2.31	12	12.0	49.6	1.7	< 0.1	2.55	< 10	12	0.49
A164	216 202	9	0.85	1.7	16.0	280	0.35	0.07	< 10	0.42	6.05	13	8.4	33.2	1.8	< 0.1	1.88	< 10	8	0.52
A165	216 202	25	1.06	0.9	60.2	150	0.25	0.26	< 10	0.08	0.52	8	11.4	27.6	2.3	< 0.1	5.00	20	< 2	0.39
A169	216 202	6	1.03	0.8	11.2	520	0.50	0.15	< 10	0.24	0.88	21	9.8	40.8	2.4	< 0.1	2.23	< 10	10	0.40
A170	216 202	29	1.15	1.4	27.8	450	0.35	0.14	< 10	0.48	3.31	22	11.0	41.6	2.6	< 0.1	3.81	< 10	8	0.66
A172	216 202	4	1.53	0.7	10.2	350	0.45	0.14	< 10	0.12	0.49	29	10.2	25.0	3.2	< 0.1	2.60	< 10	8	0.45
A174	216 202	26	1.06	2.8	53.2	260	0.25	0.14	< 10	0.14	0.33	23	11.2	37.8	2.3	< 0.1	3.39	10	12	0.36
C108	216 202	< 1	0.88	1.7	18.4	90	0.30	0.13	< 10	0.04	0.22	17	9.2	18.6	1.8	< 0.1	2.29	10	10	0.23
C112	216 202	13	1.09	1.0	12.8	460	0.35	0.09	< 10	0.10	0.57	20	7.6	49.4	2.2	< 0.1	2.66	10	12	0.43
C115	216 202	8	1.02	2.0	15.8	350	0.30	0.18	< 10	0.28	0.50	21	6.4	33.6	2.4	< 0.1	2.80	10	10	0.41
C116	216 202	1	2.50	1.7	21.4	520	0.80	0.14	< 10	0.36	0.55	50	14.2	38.4	4.6	< 0.1	3.99	10	14	0.63
C118	216 202	9	0.83	1.2	14.8	470	0.35	0.08	< 10	0.48	2.74	23	8.8	26.8	2.0	< 0.1	2.16	< 10	6	0.60
C126	216 202	3	1.58	1.0	12.2	330	0.45	0.09	< 10	0.08	0.49	27	10.0	36.8	3.6	< 0.1	2.93	10	6	0.56
C128	216 202	3	1.14	1.6	20.8	330	0.50	0.25	< 10	0.28	0.41	24	12.2	39.6	2.6	< 0.1	3.57	10	18	0.36
C129	216 202	4	1.42	1.4	9.8	320	0.45	0.78	< 10	0.12	0.59	23	13.8	51.4	3.2	< 0.1	3.50	10	14	0.96
C130	216 202	< 1	0.84	1.4	30.8	210	0.60	0.25	< 10	0.12	0.23	20	15.4	29.6	1.7	< 0.1	3.49	10	14	0.22
C131	216 202	4	0.78	0.9	13.2	170	0.30	0.19	< 10	0.02	0.54	29	14.0	43.2	2.1	< 0.1	3.60	10	18	0.41
C132	216 202	3	1.19	2.9	62.0	270	0.45	0.19	< 10	0.22	0.64	26	14.2	44.0	2.7	< 0.1	3.68	10	14	0.42
C137	216 202	2	1.43	2.3	55.4	400	0.70	0.34	< 10	0.14	0.39	35	15.4	38.6	3.0	< 0.1	4.86	20	20	0.39
C138	216 202	5	0.50	1.5	20.2	260	0.25	0.22	< 10	0.30	4.20	17	15.0	45.4	1.2	< 0.1	3.16	10	10	0.72
C140	216 202	3	0.58	1.7	21.4	290	0.25	0.17	< 10	0.30	7.51	15	12.6	37.0	1.4	< 0.1	2.48	10	8	0.82
C141	216 202	4	0.99	1.4	15.2	220	0.35	0.15	< 10	0.26	0.81	21	14.0	39.8	2.2	< 0.1	3.24	10	14	0.40
C146	216 202	< 1	0.92	5.7	23.2	120	0.30	0.08	< 10	0.12	2.72	25	21.6	23.8	2.6	< 0.1	3.38	10	6	0.92
C148	216 202	< 1	0.38	0.8	15.6	70	0.25	0.10	< 10	0.02	0.79	23	14.6	28.8	1.1	< 0.1	1.89	10	6	0.80
C187	216 202	3	1.52	1.5	19.6	270	0.50	0.13	< 10	0.16	0.35	34	9.2	23.2	3.6	< 0.1	2.71	10	8	0.59
C189	216 202	7	1.91	6.8	15.8	470	0.70	0.11	< 10	0.06	0.48	54	11.8	29.8	4.7	< 0.1	3.37	30	10	0.80
C191	216 202	2	1.65	1.7	12.0	330	0.40	0.13	< 10	0.08	0.18	25	7.8	13.0	3.7	< 0.1	2.43	10	10	0.37
C192	216 202	6	1.15	1.8	13.4	530	0.60	0.17	< 10	0.76	2.40	20	11.8	45.0	2.7	< 0.1	3.28	10	12	0.68
C193	216 202	2	1.54	1.2	13.2	350	0.45	0.23	< 10	0.26	0.32	25	9.2	25.6	3.1	< 0.1	2.87	10	8	0.40
C194	216 202	2	1.73	1.4	16.0	460	0.40	0.13	< 10	0.20	0.27	32	13.2	41.8	3.6	< 0.1	3.74	10	12	0.55
C195	216 202	3	1.37	1.1	16.4	270	0.50	0.15	< 10	0.06	0.29	27	12.6	36.0	2.9	< 0.1	3.88	30	12	0.41
C196	216 202	4	1.31	1.4	17.4	440	0.45	0.15	< 10	0.08	0.28	31	10.4	35.4	2.6	< 0.1	3.19	10	8	0.36
C197	216 202	6	1.30	0.7	9.8	520	0.35	0.15	< 10	0.12	0.52	28	9.6	27.4	2.9	< 0.1	2.62	10	8	0.51
C199	216 202	5	1.46	0.8	9.2	250	0.35	0.08	< 10	0.14	0.20	18	8.2	23.6	3.0	< 0.1	2.61	< 10	6	0.41
C200	216 202	4	1.01	1.0	10.8	220	0.30	0.10	< 10	0.32	1.15	24	8.2	29.6	2.6	< 0.1	2.37	10	8	0.54
C203	216 202	12	1.35	4.8	45.0	430	0.45	0.28	< 10	0.56	1.98	32	18.0	89.5	3.0	< 0.1	4.45	< 10	28	0.81

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A151	216 202	2250	1.08	2.8	58	740	0.05	2	< 0.5	0.28	< 0.01	58	0.04	0.35	0.02	0.01	0.05	0.70	14	84
A159	216 202	1105	0.15	1.0	56	140	0.05	2	1.0	0.36	< 0.01	34	0.22	0.25	< 0.02	< 0.01	< 0.05	0.90	2	90
A162	216 202	580	0.61	1.2	27	900	0.06	3	0.5	0.24	< 0.01	41	0.03	0.05	0.02	0.01	0.15	0.90	23	74
A163	216 202	720	0.94	1.8	32	830	0.11	3	< 0.5	0.28	< 0.01	47	0.02	0.20	0.06	0.01	0.30	0.50	18	84
A164	216 202	505	0.65	0.8	19	980	0.13	3	< 0.5	0.18	< 0.01	67	0.01	0.25	0.06	0.02	0.15	0.45	20	64
A165	216 202	580	0.32	1.0	17	1360	0.08	4	< 0.5	0.10	< 0.01	54	0.14	< 0.05	0.02	< 0.01	< 0.05	1.70	13	78
A169	216 202	465	0.40	0.8	29	880	0.04	3	0.5	0.30	< 0.01	32	0.03	0.20	0.06	0.01	0.10	0.70	29	68
A170	216 202	715	0.22	1.2	36	790	0.09	4	0.5	0.26	0.01	82	0.03	0.20	0.12	0.04	0.20	0.75	35	80
A172	216 202	335	0.08	1.0	28	560	0.08	4	< 0.5	0.10	< 0.01	30	< 0.01	0.20	0.06	0.04	0.20	0.70	43	70
A174	216 202	595	0.09	1.8	36	490	0.14	5	< 0.5	0.12	< 0.01	19	0.01	0.20	0.08	0.03	0.20	0.60	31	62
C108	216 202	190	0.03	0.8	27	160	0.11	3	< 0.5	0.10	< 0.01	22	< 0.01	< 0.05	0.06	0.01	0.10	0.50	19	48
C112	216 202	490	0.45	0.8	26	1160	0.08	6	< 0.5	0.12	< 0.01	33	< 0.01	0.15	0.06	0.04	0.15	0.45	32	60
C115	216 202	230	0.04	2.8	29	1220	0.07	3	0.5	0.16	< 0.01	37	< 0.01	0.20	0.14	0.02	0.20	0.90	40	148
C116	216 202	545	2.15	1.4	44	580	0.09	8	< 0.5	0.20	< 0.01	19	0.01	0.15	0.12	0.04	0.20	0.65	65	114
C118	216 202	420	0.59	1.0	25	1020	0.07	3	< 0.5	0.14	0.01	62	0.01	0.10	0.06	0.05	0.25	0.55	35	74
C126	216 202	335	0.12	1.0	31	270	0.07	9	< 0.5	0.14	0.01	24	< 0.01	0.20	0.08	0.04	0.10	1.10	58	64
C128	216 202	555	0.06	1.8	41	610	0.17	6	1.0	0.26	< 0.01	29	0.03	0.25	0.16	0.01	0.15	0.75	36	82
C129	216 202	505	0.07	0.6	57	430	0.07	5	0.5	0.12	0.01	53	0.01	< 0.05	0.08	0.02	0.25	0.75	23	74
C130	216 202	455	0.05	1.6	46	210	0.08	4	0.5	0.08	< 0.01	25	0.01	0.15	0.12	< 0.01	0.05	0.70	22	64
C131	216 202	385	0.08	0.8	58	780	0.06	5	0.5	0.08	0.01	47	0.01	0.20	0.04	0.02	0.15	0.55	30	52
C132	216 202	365	0.10	1.6	54	340	0.09	6	< 0.5	0.14	< 0.01	34	0.01	0.20	0.10	0.01	0.05	0.70	32	94
C137	216 202	530	0.03	1.4	58	380	0.08	8	0.5	0.08	< 0.01	34	0.02	0.20	0.06	0.02	0.25	1.00	36	86
C138	216 202	475	0.16	1.0	45	900	0.07	4	0.5	0.20	< 0.01	132	0.04	0.05	0.06	< 0.01	0.05	0.80	19	70
C140	216 202	395	0.14	0.8	42	800	0.08	2	< 0.5	0.26	< 0.01	230	0.05	0.20	0.06	< 0.01	0.10	0.70	16	64
C141	216 202	625	0.08	1.0	45	760	0.15	4	< 0.5	0.30	< 0.01	40	0.02	0.20	0.08	0.01	0.05	0.65	24	86
C146	216 202	530	0.02	1.0	69	700	0.07	6	< 0.5	0.08	< 0.01	143	0.03	< 0.05	0.06	< 0.01	< 0.05	0.60	33	78
C148	216 202	255	0.02	0.6	54	470	0.10	3	< 0.5	0.04	< 0.01	80	0.02	0.15	0.16	< 0.01	< 0.05	0.75	16	36
C187	216 202	335	0.05	1.0	29	450	0.24	5	< 0.5	0.18	0.02	25	< 0.01	0.20	0.12	0.07	0.25	0.50	41	76
C189	216 202	600	0.03	1.0	41	670	0.09	9	< 0.5	0.06	0.01	26	< 0.01	0.10	0.10	0.08	0.20	1.10	50	70
C191	216 202	260	< 0.01	1.6	21	220	0.08	3	< 0.5	0.08	< 0.01	15	< 0.01	0.05	0.14	0.01	0.20	0.50	51	64
C192	216 202	440	0.19	2.2	39	780	0.08	6	0.5	0.46	0.01	69	0.04	0.15	0.14	0.01	0.05	0.85	41	138
C193	216 202	190	0.04	2.2	35	320	0.07	4	< 0.5	0.14	< 0.01	25	0.01	0.20	0.12	0.01	0.15	0.75	59	90
C194	216 202	475	0.03	1.4	46	390	0.08	7	0.5	0.06	< 0.01	18	< 0.01	< 0.05	0.12	0.04	0.10	0.95	53	76
C195	216 202	535	0.04	1.0	41	280	0.07	8	0.5	0.06	< 0.01	21	< 0.01	0.20	0.06	0.01	0.05	0.95	36	68
C196	216 202	305	0.04	1.0	49	260	0.05	5	< 0.5	0.08	< 0.01	22	< 0.01	0.20	0.08	< 0.01	0.15	0.85	34	70
C197	216 202	455	0.06	0.8	36	730	0.05	5	< 0.5	0.18	0.01	36	0.01	< 0.05	0.04	0.03	0.20	0.50	41	70
C199	216 202	450	0.05	0.8	23	370	0.06	4	< 0.5	0.02	< 0.01	14	< 0.01	0.20	0.08	0.04	0.05	0.45	36	54
C200	216 202	340	0.08	1.0	30	940	0.08	4	< 0.5	0.18	0.01	40	< 0.01	0.20	0.08	0.04	0.15	0.65	38	74
C203	216 202	650	1.72	2.6	53	950	0.23	5	0.5	0.58	0.01	75	0.09	0.15	0.20	0.06	0.10	0.65	35	138

CERTIFICATION:

FRENCHMAN

Access was made by truck to the northeast end of Frenchman Lake from where traverses were begun.

Geology was much as shown on government maps except that another slice of Upper Triassic flaggy black limestone of the Laberge Group was found in the creek at sample site A207 within Laberge Group greswacke. Some of the greswacke float in the creek below this point was rusty with calcite? and/or silica? cement although samples were not anomalous for any metals. Some of the limestone float contained ankeritic fractures though it too was not anomalous

Two geochemical signatures were noticed in the results. Till samples A204, A206 and C212 were anomalous for Bi, Ag and S See map and results. Silts A207, A208 and A211 were anomalous for Zn, Cd and S Both sets of results are interesting and require additional prospecting to determine their source A target area for this prospecting has been outlined on the map

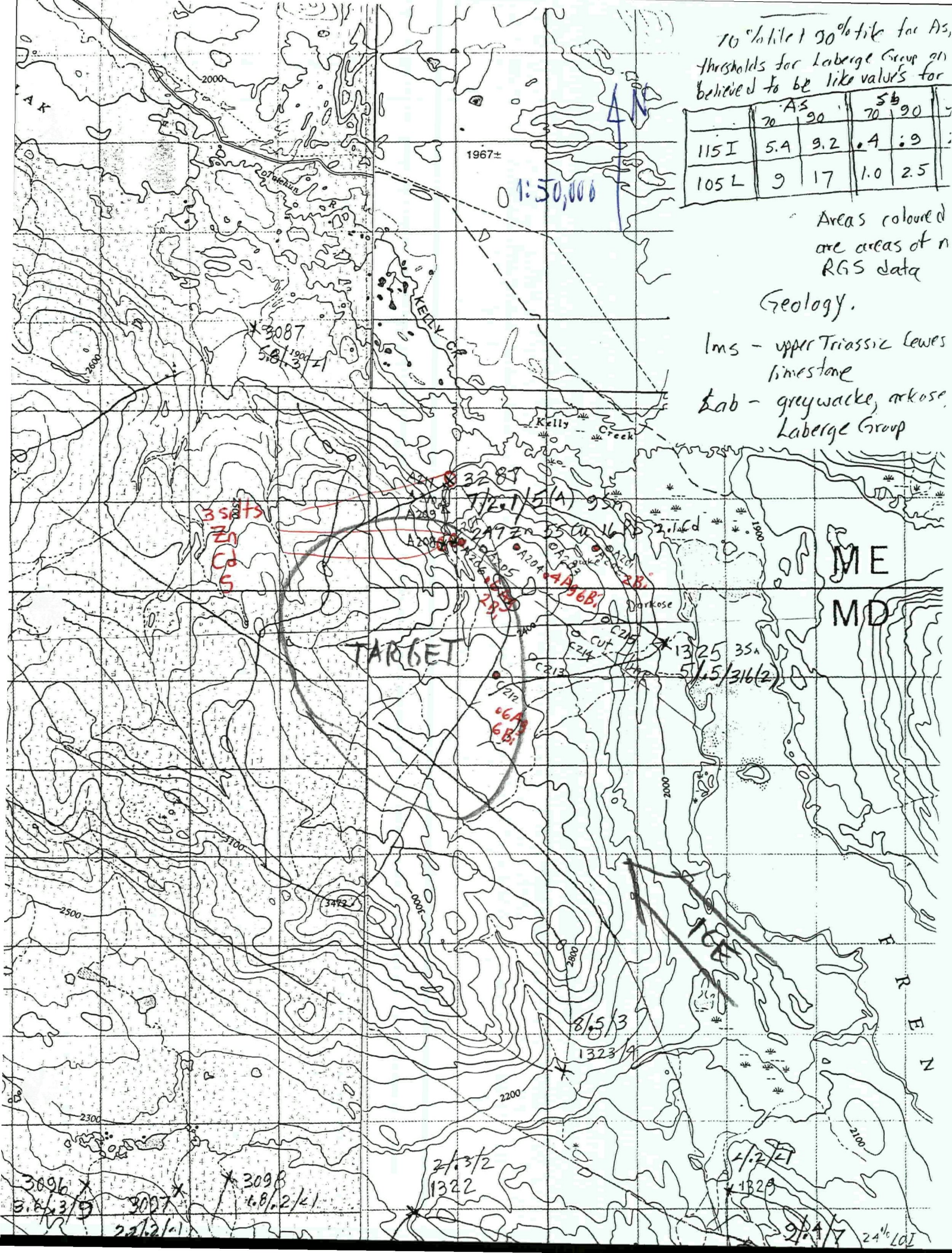
70% like 1 90% like for AS,
 thresholds for Laberge Group are
 believed to be like values for

	AS		5b	
	70	90	70	90
115 I	5.4	9.2	0.4	0.9
105 L	9	17	1.0	2.5

Areas coloured
 are areas of n
 RGS data

Geology.

- lms - upper Triassic Lewes limestone
- Lab - greywacke, arkose Laberge Group



1967±

1:50,000

*3087
 5.8/3/1

3287

35dts
 Zn
 Co
 S

TARGET

ME
 MD

2000

2200

*3096
 5.8/3/9

*3097
 2.2/2/1

*3098
 6.8/2/1

2/3/2
 1322

*1328

9/4/7 24% LOI



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to: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project : FRENCHMAN
 Comments: ATTN: GORDON RICHARD

Page Number :1-A
 Total Pages :1
 Certificate Date: 04-AUG-2000
 Invoice No. : I0024249
 P.O. Number :
 Account : NDJ

CERTIFICATE OF ANALYSIS	A0024249
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SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
A 207	201	202	6	< 0.2	1.68	8	< 10	160	0.5	< 2	2.50	2.5	23	21	59	4.33	< 10	< 1	0.12	10	0.97
A 208	201	202	5	< 0.2	1.23	8	< 10	170	0.5	< 2	0.75	1.5	17	14	34	3.51	< 10	< 1	0.11	10	0.70
A 211	201	202	4	< 0.2	1.52	8	< 10	150	0.5	< 2	2.03	2.0	19	20	54	4.05	< 10	< 1	0.11	10	0.90



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 Account : NDJ

CERTIFICATE OF ANALYSIS	A0024249
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SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A 207	201	202	910	4	0.01	61	900	14	0.30	2	6	271	< 0.01	< 10	< 10	42	< 10	348
A 208	201	202	820	2	0.01	36	780	14	0.10	< 2	4	82	< 0.01	< 10	< 10	33	< 10	244
A 211	201	202	770	3	0.01	56	870	12	0.28	< 2	5	219	0.01	< 10	< 10	43	< 10	318



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CERTIFICATE OF ANALYSIS A0024250

SAMPLE	PREP CODE	Au ppb EXT-AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
A 201	216 202	4	0.2	0.61	18	< 10	180	1.0	< 2	1.35	0.5	13	11	28	3.30	< 10	< 1	0.11	10	0.28
A 202	216 202	24	0.2	1.17	12	< 10	150	0.5	2	2.16	0.5	8	25	36	2.10	< 10	< 1	0.05	10	0.58
A 203	216 202	17	0.2	1.39	12	< 10	210	0.5	< 2	0.46	< 0.5	9	28	33	2.47	< 10	< 1	0.06	< 10	0.53
A 204	216 202	23	0.4	0.81	14	< 10	130	0.5	6	2.71	< 0.5	9	19	29	1.97	< 10	1	0.05	< 10	0.49
A 205	216 202	19	< 0.2	1.68	16	< 10	170	1.0	< 2	0.45	< 0.5	14	32	45	3.03	< 10	< 1	0.10	10	0.46
A 206	216 202	15	0.6	1.49	16	< 10	260	0.5	2	2.31	2.0	16	19	54	4.59	< 10	< 1	0.13	< 10	0.84
C 212	216 202	5	0.6	0.76	< 2	< 10	160	0.5	6	5.62	0.5	8	15	43	1.99	< 10	< 1	0.04	< 10	0.48
C 213	216 202	3	< 0.2	1.37	18	< 10	140	0.5	< 2	0.54	< 0.5	11	36	43	2.61	< 10	< 1	0.05	10	0.50
C 214	216 202	2	< 0.2	0.92	14	< 10	60	0.5	< 2	0.20	< 0.5	8	21	20	1.99	< 10	< 1	0.08	< 10	0.33
C 215	216 202	3	< 0.2	1.10	8	< 10	170	0.5	< 2	0.33	< 0.5	8	24	32	1.99	< 10	1	0.07	< 10	0.39



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CERTIFICATE OF ANALYSIS A0024250

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A 201	216 202	960	< 1	< 0.01	19	1060	18	0.08	< 2	4	62	< 0.01	< 10	< 10	29	< 10	68
A 202	216 202	305	< 1	0.02	21	640	6	0.01	< 2	5	65	0.05	< 10	< 10	46	< 10	42
A 203	216 202	335	< 1	0.03	27	430	10	0.01	2	6	30	0.04	< 10	< 10	48	< 10	60
A 204	216 202	365	< 1	0.01	23	720	8	0.01	< 2	4	90	0.04	< 10	< 10	38	< 10	50
A 205	216 202	335	2	0.01	34	160	8	< 0.01	< 2	9	37	0.04	< 10	< 10	58	< 10	68
A 206	216 202	630	7	0.02	46	850	14	0.23	< 2	5	168	0.02	< 10	< 10	36	< 10	234
C 212	216 202	340	1	0.01	23	710	4	0.03	< 2	4	139	0.01	< 10	< 10	33	< 10	52
C 213	216 202	330	< 1	0.02	27	110	12	0.01	< 2	9	49	0.05	< 10	< 10	64	< 10	46
C 214	216 202	155	< 1	< 0.01	17	140	6	< 0.01	< 2	3	16	0.05	< 10	< 10	38	< 10	46
C 215	216 202	255	< 1	0.01	20	380	6	< 0.01	< 2	5	24	0.05	< 10	< 10	38	< 10	46



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CERTIFICATE OF ANALYSIS A0024248

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
A 209	205	226	< 1	0.8	0.05	< 2	< 10	70	< 0.5	< 2	>15.00	< 0.5	1	6	1	0.68	< 10	< 1	< 0.01	10	0.43
A 210	205	226	3	< 0.2	0.23	4	< 10	80	< 0.5	< 2	0.05	< 0.5	1	104	6	0.82	< 10	< 1	0.13	< 10	0.01



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CERTIFICATE OF ANALYSIS A0024248

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
	A 209	205	226	620	< 1	< 0.01	4	110	6	< 0.01	< 2	3	326	< 0.01	< 10	< 10	17	< 10
A 210	205	226	30	< 1	0.06	3	120	20	0.05	< 2	< 1	17	< 0.01	< 10	< 10	3	< 10	8

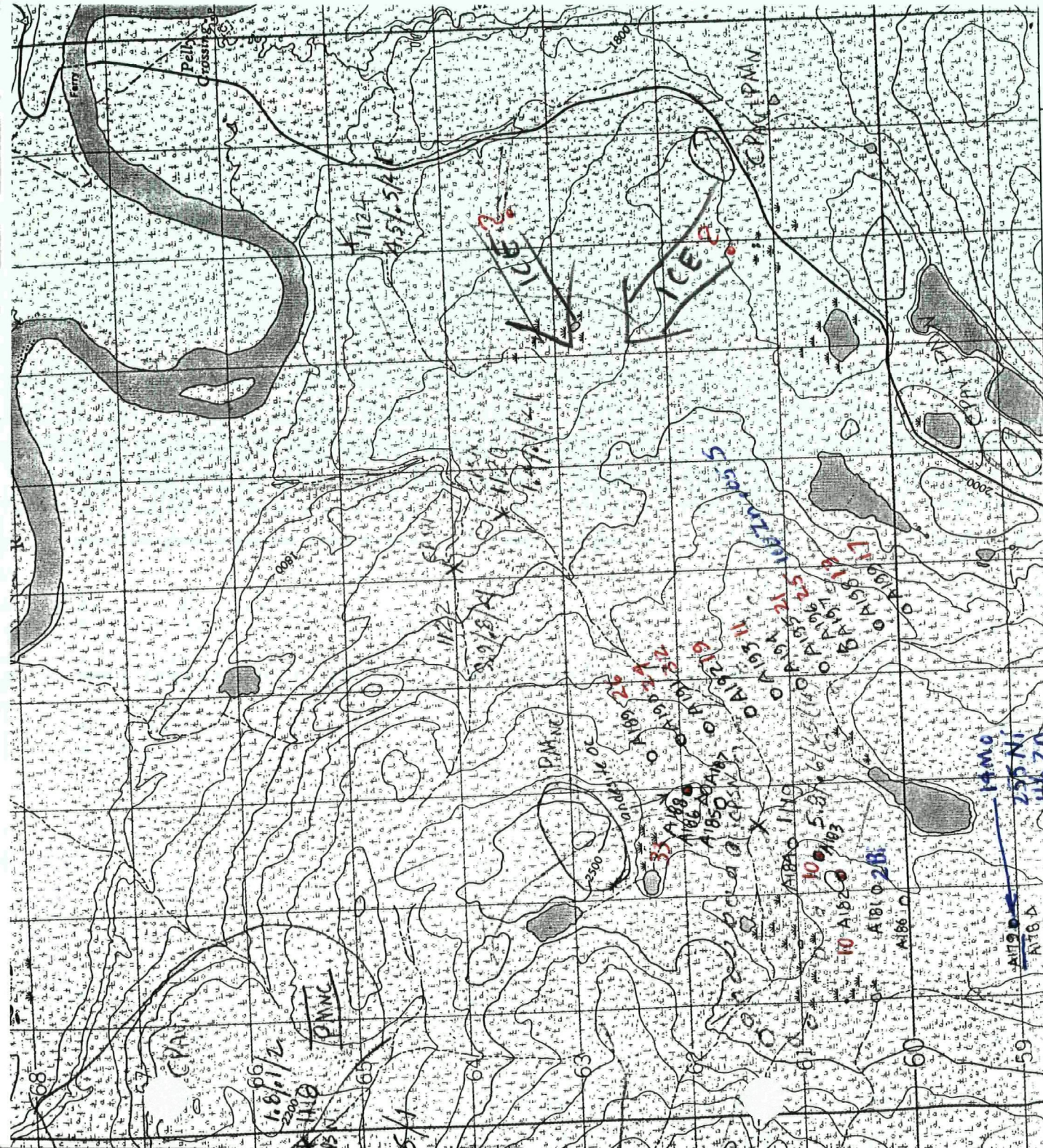
BRADEN

Access to the area was by truck along the Klondyke highway and side roads for traverses across the targets

Few outcrops were noted Graphitic schist subcrop was found in the sample pit at A179, andesite outcrop at A188, marble outcrop at A185, boulders of sub-angular granodiorite at A191, and outcrop of Carmacks Group mafic diorite near C 209 Several pieces of rusty silicified float were sampled but only one was anomalous A200 assayed 130 ppb Au and 48 ppm As. A sample of silicified dark limestone, C209, containing a few narrow quartz veinlets, some with open-space fillings assayed 1.4 % Zn, 129 ppm Cd, and .8 ppm Ag. It was subangular and found along the road as shown on the map. No other similar pieces were found There were a few boulders of chert pebble conglomerate and much dark phyllite

Other than the rock sample described above, there were two geochemically anomalous till patterns. A179 was anomalous for Ni, Mo, Zn, Sb, Cu, and S. The sample pit was nearly outcrop of graphitic schist. Shale-hosted Ni-Zn-Mo-PGE mineralization could occur in the area. High phosphorous results, an associated element with known occurrences, occur in the tills collected to the south. Ten contiguous till samples A188 to A199 were anomalous for gold, 11 to 33 ppb Au, but no other elements were anomalous in the samples This explains the anomalous RGS gold value that was being followed-up but is not very encouraging without other element support Perhaps the gold is remobilized by ice from a nearby placer gold occurrence

The 1.4% Zn and A179 should be further evaluated.



16 17 18 19 20
 35' 20
 phone 172 m

R.G.S. Graham Legend

x 1119 sample no.
 5.6/6/65(14) ppm As/ppm Sb/ppb Au (dot)

70% tile + 90% tile for As, Sb, Au

As	Sb	Au
70	90	70
90	90	90
5.4	9.2	9
		2
		8

115 I

Areas colored yellow
 are areas of no. 65 data

Geology: Tertiary - Eocene
 massive gneiss + Muscovite schist
 massive
 gneiss + schist



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6170 TISDALL ST.,
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Project : BRADEN
 Comments: ATTN: GORDON RICHARD

Page Number :1-A
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 Certificate Date: 04-AUG-2000
 Invoice No. : I0024199
 P.O. Number :
 Account : NDJ

CERTIFICATE OF ANALYSIS A0024199

SAMPLE	PREP CODE	Au ppb EXT-AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
A176	216 202	3	< 0.2	1.33	14	< 10	290	0.5	< 2	0.34	< 0.5	19	50	73	4.00	< 10	< 1	0.08	10	0.76
A179	216 202	9	< 0.2	1.40	6	< 10	120	< 0.5	< 2	1.03	1.5	32	63	88	4.45	< 10	< 1	0.06	40	1.26
A180	216 202	6	< 0.2	1.57	10	< 10	400	0.5	< 2	0.87	< 0.5	13	57	65	2.96	< 10	< 1	0.09	10	0.90
A181	216 202	6	< 0.2	1.68	4	< 10	410	< 0.5	2	2.06	0.5	18	63	76	3.55	< 10	< 1	0.08	10	1.14
A182	216 202	10	< 0.2	1.57	12	< 10	300	0.5	< 2	0.19	< 0.5	10	49	34	2.67	< 10	< 1	0.08	10	0.52
A183	216 202	10	< 0.2	1.48	12	< 10	310	0.5	< 2	0.96	< 0.5	10	31	30	2.80	< 10	< 1	0.07	10	0.57
A184	216 202	4	< 0.2	1.70	8	< 10	440	0.5	< 2	0.49	< 0.5	14	68	56	3.15	< 10	< 1	0.12	10	0.91
A185	216 202	5	< 0.2	1.32	12	< 10	350	0.5	< 2	1.08	< 0.5	10	33	30	2.58	< 10	< 1	0.12	10	0.64
A187	216 202	5	< 0.2	1.20	10	< 10	270	< 0.5	< 2	7.02	1.5	12	51	60	2.01	< 10	< 1	0.08	10	3.14
A188	216 202	33	< 0.2	1.47	14	< 10	330	0.5	< 2	0.39	< 0.5	10	35	44	2.91	< 10	< 1	0.12	10	0.54
A189	216 202	26	< 0.2	1.13	12	< 10	490	< 0.5	< 2	0.75	< 0.5	10	27	33	2.51	< 10	< 1	0.07	10	0.52
A190	216 202	24	< 0.2	1.55	10	< 10	380	0.5	< 2	0.43	< 0.5	10	34	29	2.80	< 10	< 1	0.08	10	0.58
A191	216 202	32	< 0.2	1.21	10	< 10	260	< 0.5	< 2	2.12	< 0.5	10	31	32	2.53	< 10	< 1	0.10	10	0.70
A192	216 202	19	< 0.2	1.35	10	< 10	430	0.5	< 2	0.41	< 0.5	10	37	36	2.64	< 10	< 1	0.07	10	0.61
A193	216 202	11	< 0.2	1.38	10	< 10	350	0.5	< 2	0.53	< 0.5	10	43	38	2.55	< 10	< 1	0.08	10	0.75
A194	216 202	7	< 0.2	1.38	6	< 10	360	0.5	< 2	0.38	< 0.5	8	37	31	2.32	< 10	< 1	0.07	10	0.64
A195	216 202	21	< 0.2	1.40	8	< 10	240	0.5	< 2	0.28	< 0.5	13	67	46	2.63	< 10	< 1	0.12	10	0.66
A197	216 202	25	< 0.2	1.41	4	< 10	310	0.5	< 2	4.06	< 0.5	11	40	38	3.05	< 10	< 1	0.27	10	1.07
A198	216 202	13	< 0.2	1.40	8	< 10	340	0.5	< 2	1.55	< 0.5	11	30	45	2.58	< 10	< 1	0.07	10	0.73
A199	216 202	17	< 0.2	1.41	18	< 10	400	0.5	< 2	0.30	< 0.5	12	34	40	2.97	< 10	< 1	0.09	20	0.51
C208	216 202	1	< 0.2	1.48	6	< 10	210	0.5	< 2	1.18	< 0.5	21	29	33	4.32	< 10	< 1	0.15	30	1.30
C210	216 202	< 1	< 0.2	1.02	6	< 10	200	< 0.5	< 2	4.76	0.5	15	32	28	2.97	< 10	< 1	0.08	20	0.91
C211	216 202	3	< 0.2	1.02	12	< 10	200	< 0.5	< 2	1.90	< 0.5	16	39	47	2.61	< 10	< 1	0.09	10	0.66

CERTIFICATION: Sark



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Client: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Page: 1-B
 Total Pages: 1
 Certificate Date: 04-AUG-2000
 Invoice No.: 10024199
 P.O. Number:
 Account: NDJ

Project: BRADEN
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024199

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A176	216 202	555	4 < 0.01		103	330	10	0.01	< 2	7	26	0.05	< 10	< 10	50	< 10	80
A179	216 202	860	14 < 0.01		255	590	12	0.03	10	7	41	< 0.01	< 10	< 10	33	< 10	116
A180	216 202	405	1 0.01		58	400	8	0.01	< 2	6	39	0.07	< 10	< 10	59	< 10	62
A181	216 202	395	3 0.01		67	750	8 < 0.01		< 2	7	49	0.05	< 10	< 10	55	< 10	72
A182	216 202	185	1 < 0.01		54	200	10 < 0.01		< 2	6	18	0.06	< 10	< 10	52	< 10	46
A183	216 202	340	1 0.01		32	520	8 < 0.01		< 2	4	39	0.06	< 10	< 10	60	< 10	54
A184	216 202	395	3 0.01		73	560	10 0.01		< 2	6	28	0.09	< 10	< 10	61	< 10	74
A185	216 202	290	1 0.01		33	540	10 0.01		< 2	4	41	0.06	< 10	< 10	51	< 10	52
A187	216 202	1090	< 1 < 0.01		55	760	8 0.01		< 2	4	49	0.04	< 10	< 10	38	< 10	54
A188	216 202	430	1 0.01		41	360	10 < 0.01		< 2	6	25	0.08	< 10	< 10	56	< 10	46
A189	216 202	515	1 0.01		36	570	8 0.01		< 2	3	39	0.05	< 10	< 10	53	< 10	68
A190	216 202	380	1 0.01		33	490	10 < 0.01		< 2	5	30	0.08	< 10	< 10	56	< 10	64
A191	216 202	305	< 1 0.02		37	540	6 0.01		< 2	4	65	0.07	< 10	< 10	52	< 10	52
A192	216 202	320	< 1 0.01		43	300	6 0.01		< 2	5	27	0.07	< 10	< 10	51	< 10	64
A193	216 202	305	1 0.01		49	360	8 0.01		< 2	5	30	0.06	< 10	< 10	52	< 10	60
A194	216 202	285	< 1 0.01		40	170	8 < 0.01		< 2	5	23	0.06	< 10	< 10	44	< 10	46
A195	216 202	295	2 < 0.01		87	210	4 0.01		< 2	6	19	0.06	< 10	< 10	51	< 10	50
A197	216 202	425	< 1 < 0.01		42	370	8 0.05		< 2	6	72	0.05	< 10	< 10	38	< 10	100
A198	216 202	300	< 1 0.01		41	410	12 0.01		< 2	4	56	0.05	< 10	< 10	46	< 10	72
A199	216 202	305	1 0.01		48	200	12 < 0.01		< 2	6	23	0.05	< 10	< 10	52	< 10	76
C208	216 202	725	1 0.03		48	3110	10 < 0.01		< 2	6	53	0.06	< 10	< 10	55	< 10	78
C210	216 202	580	< 1 0.04		48	2710	6 < 0.01		< 2	5	138	0.04	< 10	< 10	50	< 10	62
C211	216 202	505	2 0.01		62	1080	10 < 0.01		< 2	5	69	0.04	< 10	< 10	37	< 10	64

CERTIFICATION:



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o: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 07-AUG-2000
 Invoice No. : I0024614
 P.O. Number :
 Account : NDJ

Project : BRADEN
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS	A0024614
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SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
			EKT-AA																		
A200	216	202	130	0.8	1.01	48	< 10	220	0.5	< 2	0.87	< 0.5	10	27	57	2.48	< 10	< 1	0.09	10	0.37



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CERTIFICATE OF ANALYSIS	A0024614
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SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A200	216	202	315	6	0.01	41	380	8	0.03	2	5	41	0.03	< 10	< 10	40	< 10	74



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6170 TISDALL ST.,
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Page Number :1-A
 Total Pages :1
 Certificate Date: 04-AUG-2000
 Invoice No. :I0024198
 P.O. Number :
 Account :NDJ

Project : BRADEN
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024198

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
A177	205	226	< 1	< 0.2	0.20	< 2	< 10	90	< 0.5	< 2	0.03	< 0.5	4	130	9	1.42	< 10	< 1	0.12	< 10	0.02
A178	205	226	< 1	< 0.2	0.02	8	< 10	30	< 0.5	< 2	0.06	< 0.5	1	176	7	0.40	< 10	< 1	< 0.01	< 10	0.02
A186	205	226	< 1	0.6	0.03	2	< 10	50	< 0.5	2	>15.00	0.5	5	25	3	0.53	< 10	< 1	< 0.01	10	6.52
A196	205	226	< 1	< 0.2	0.25	< 2	< 10	40	< 0.5	< 2	0.08	< 0.5	3	82	7	1.10	< 10	< 1	0.13	< 10	0.06
C209	205	226	< 1	0.8	0.06	< 2	< 10	500	< 0.5	4	12.50	129.5	1	26	41	0.32	< 10	7	0.03	10	7.57



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Project : BRADEN
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024198

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A177	205	226	220	1	0.01	10	100	< 2	< 0.01	< 2	< 1	6	< 0.01	< 10	< 10	4	< 10	10
A178	205	226	95	< 1	< 0.01	6	70	< 2	< 0.01	< 2	< 1	4	< 0.01	< 10	< 10	1	< 10	36
A186	205	226	765	< 1	< 0.01	13	220	< 2	< 0.01	28	< 1	77	< 0.01	< 10	< 10	5	< 10	16
A196	205	226	230	< 1	0.05	4	140	< 2	< 0.01	< 2	1	2	< 0.01	< 10	< 10	6	< 10	28
C209	205	226	140	3	0.01	5	560	< 2	0.05	< 2	< 1	277	< 0.01	< 10	< 10	7	< 10	>10000



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to: RICHARDS, GORDON

6170 TISDALL ST.,
VANCOUVER, BC
V6Z 3N4

Project : BRADEN
Comments: ATTN: GORDON RICHARD

Page Number : 1
Total Pages : 1
Certificate Date: 03-AUG-2000
Invoice No. : I0024768
P.O. Number :
Account : NDJ

CERTIFICATE OF ANALYSIS

A0024768

SAMPLE	PREP CODE		Zn %									
C209	212	--	1.40									

CERTIFICATION:

LITTLE SALMON LAKE.

Access was made from Carmacks by truck along the Robert Campbell Highway to a point a few km west of Little Salmon Lake, where an old trail, suitable for walking, leads six km north to the area of interest

Outcrops seen include psammite, quartzite, chlorite gneiss and phyllite all with variable quartz veins and associated ankeritic alteration none of which were significantly anomalous for any metals. Poor condition of trail into the area made it difficult to reach our objective of the creeks northwest of E35 A backpack camp or helicopter would be necessary to reach this area.

Sb was the most common anomalous element with E31 to E42 and R89 & 92 all with elevated values. Modest gold anomalies occurred in tills E35 & E37 and silt E31 E35 & E31 were anomalous for W and E31 was also anomalous for Zn, As and S. These samples make the original target immediately north all the more of interest Silt and loess was fairly deep, in places over a meter, which made sampling time consuming.

Prospecting north of E35 remains a sensible target.

LITTLE

SALMON

RANGE

Au

AN

1:50,000

All high Sp

9W

10

110 2m
16AS

115W 1035

E35

E34

E32

E33

E36

x E31

E37

10

E38

E39

E40

145
70

E28

E29

E30

R87

R86

R88

R89

R90

R91

R92

R93

R94

R95

R96

R97

R98

R99

R100

R101

R102

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R3



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Analyst: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
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Page Number : 1-A
 Total Pages : 1
 Certificate Date: 04-AUG-2000
 Invoice No. : I0024245
 P.O. Number :
 Account : NDJ

Project : LITTLE SALMON
 Comments : ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS	A0024245
--------------------------------	-----------------

SAMPLE	PREP CODE		Au ppb	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
			EXT-AA																		
E 28	201	202	< 1	0.64	0.4	12.6	120	0.10	0.19	30	0.12	0.73	15	9.0	15.2	1.8	< 0.1	1.67	< 10	10	0.50
E 31	201	202	10	0.88	0.8	16.4	200	0.25	0.17	30	0.58	0.58	29	18.0	32.6	2.8	< 0.1	2.50	< 10	12	0.56
R 86	201	202	5	0.79	0.1	4.2	150	0.15	0.07	30	0.08	0.44	16	6.8	11.2	2.1	< 0.1	1.22	< 10	8	0.38
R 94	201	202	3	0.37	0.6	10.6	80	0.15	0.05	20	0.06	0.47	8	6.4	12.0	1.3	< 0.1	1.41	< 10	4	0.20



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Project : LITTLE SALMON
 Comments : ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS	A0024245
--------------------------------	-----------------

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
E 28	201	202	600	0.01	0.6	14	850	0.06	1	< 0.5	0.10	0.01	22	0.01	< 0.05	< 0.02	0.03	0.20	0.45	24	44
E 31	201	202	1685	0.30	1.0	27	610	0.08	3	< 0.5	0.12	0.01	23	0.03	< 0.05	< 0.02	0.04	1.50	0.90	37	110
R 86	201	202	190	0.29	0.2	13	730	0.05	1	< 0.5	0.08	< 0.01	18	0.02	< 0.05	< 0.02	0.04	0.20	0.65	23	52
R 94	201	202	170	0.04	0.2	9	410	0.03	1	< 0.5	0.02	0.01	15	0.01	< 0.05	< 0.02	0.03	0.20	0.25	27	46



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6170 TISDALL ST.,
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Page per :1-A
 Total Pages :1
 Certificate Date: 02-AUG-2000
 Invoice No. : I0024246
 P.O. Number :
 Account : NDJ

Project : LITTLE SALMON
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024246

SAMPLE	PREP CODE	Au ppb EXT-AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
E 34	216 202	2	1.83	0.9	15.6	160	0.45	0.16	< 10	0.02	0.20	31	12.2	22.4	4.6	< 0.1	2.74	< 10	8	0.59
E 35	216 202	19	1.23	0.8	11.2	160	0.35	0.14	< 10	0.10	0.56	26	9.8	23.4	3.4	< 0.1	2.29	< 10	6	0.49
E 36	216 202	7	1.66	0.9	15.4	200	0.65	0.17	< 10	0.06	0.33	41	10.8	30.2	4.3	< 0.1	2.64	10	10	0.63
E 37	216 202	16	1.72	1.2	20.6	240	0.60	0.23	< 10	0.14	0.40	33	13.4	36.4	4.7	< 0.1	3.15	10	16	0.82
E 38	216 202	9	1.23	0.6	7.2	210	0.40	0.16	< 10	0.08	1.14	28	9.2	23.4	3.6	< 0.1	2.13	10	8	0.52
E 39	216 202	8	1.59	1.4	23.6	220	0.50	0.18	< 10	0.08	0.44	30	12.6	36.4	4.5	< 0.1	2.86	10	12	0.78
E 40	216 202	9	1.75	0.7	17.4	240	0.50	0.25	< 10	0.08	0.44	33	11.8	27.2	4.7	< 0.1	2.74	10	12	0.67
E 42	216 202	1	2.01	13.5	15.6	270	1.25	0.09	< 10	0.20	4.11	214	64.4	23.4	8.6	< 0.1	4.48	< 10	2	2.00
R 87	216 202	8	1.42	0.7	14.6	170	0.40	0.19	< 10	0.12	0.35	29	15.2	48.4	3.7	< 0.1	2.84	10	16	0.84
R 88	216 202	9	1.31	0.5	15.2	90	0.35	0.24	< 10	0.20	0.36	24	14.8	31.6	3.1	< 0.1	2.62	< 10	20	0.58
R 89	216 202	9	1.61	0.5	12.6	250	0.55	0.18	< 10	0.08	0.36	40	15.6	39.4	4.3	< 0.1	3.01	10	14	0.85
R 90	216 202	1	1.61	0.3	8.4	300	0.30	0.17	< 10	0.06	0.27	34	12.4	18.6	3.7	< 0.1	2.44	10	8	0.67
R 91	216 202	3	1.21	0.3	7.0	200	0.30	0.16	< 10	0.20	0.89	23	9.6	19.8	3.5	< 0.1	1.95	< 10	18	0.48
R 92	216 202	< 1	0.87	1.2	10.2	120	0.25	0.12	< 10	0.16	1.00	18	9.6	21.0	2.5	< 0.1	2.00	< 10	6	0.40



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Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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To: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Page per :1-B
 Total Pages :1
 Certificate Date: 02-AUG-2000
 Invoice No. : I0024246
 P.O. Number :
 Account : NDJ

Project : LITTLE SALMON
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024246

SAMPLE	PREP CODE	Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
E 34	216 202	225	0.01	0.8	25	470	0.09	3	< 0.5	0.10	0.01	15	< 0.01	< 0.05	0.08	0.04	0.30	0.50	41	42
E 35	216 202	315	0.02	0.8	23	670	0.09	3	< 0.5	0.12	0.01	23	0.02	< 0.05	0.08	0.04	0.90	0.95	34	48
E 36	216 202	320	0.01	0.8	36	630	0.07	5	< 0.5	0.02	0.01	21	< 0.01	< 0.05	0.10	0.06	0.35	1.30	43	52
E 37	216 202	555	0.03	0.8	33	910	0.15	6	< 0.5	0.08	0.01	21	< 0.01	< 0.05	0.16	0.07	0.25	1.25	44	68
E 38	216 202	305	0.08	0.4	24	940	0.10	4	< 0.5	0.16	0.01	37	0.04	< 0.05	0.08	0.06	0.35	1.85	36	44
E 39	216 202	415	0.03	0.8	28	830	0.11	5	< 0.5	0.12	0.01	20	< 0.01	< 0.05	0.10	0.06	0.25	1.00	45	56
E 40	216 202	395	0.01	0.6	30	700	0.08	4	< 0.5	0.12	0.01	20	< 0.01	< 0.05	0.12	0.05	0.30	0.75	39	62
E 42	216 202	915	0.08	1.2	245	730	0.06	8	< 0.5	0.08	< 0.01	126	0.09	0.05	0.06	< 0.01	0.05	1.85	54	142
R 87	216 202	605	0.04	0.8	30	980	0.10	5	< 0.5	0.06	< 0.01	21	0.01	0.05	0.08	0.04	0.15	1.00	34	82
R 88	216 202	495	0.01	0.8	27	1080	0.08	3	< 0.5	0.06	< 0.01	17	0.01	0.05	0.06	0.04	0.15	0.80	30	74
R 89	216 202	520	0.03	0.8	33	740	0.12	8	< 0.5	0.06	< 0.01	20	< 0.01	< 0.05	0.10	0.06	0.20	1.65	42	64
R 90	216 202	280	0.01	0.8	21	640	0.07	3	< 0.5	0.02	< 0.01	15	< 0.01	0.05	0.08	0.02	0.15	0.50	38	54
R 91	216 202	340	0.02	0.6	18	600	0.06	3	< 0.5	0.12	0.01	31	0.03	< 0.05	0.06	0.05	0.40	0.90	35	62
R 92	216 202	320	0.05	0.6	19	720	0.06	3	< 0.5	0.10	0.01	33	0.03	< 0.05	0.04	0.03	0.20	1.15	27	48



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6170 TISDALL ST.,
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Page Number : 1-A
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 Certificate Date: 04-AUG-2000
 Invoice No. : 10024241
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 Account : NDJ

Project : LITTLE SALMON
 Comments : ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS	A0024241
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SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
E 29	205	226	11	< 0.2	0.48	86	< 10	270	0.5	2	6.77	0.5	26	77	< 1	4.45	< 10	< 1	0.17	< 10	0.26
E 30	205	226	< 1	< 0.2	0.06	< 2	< 10	50	< 0.5	< 2	4.45	< 0.5	1	147	1	2.09	< 10	< 1	0.03	< 10	0.81
E 32	205	226	3	< 0.2	0.16	< 2	< 10	320	< 0.5	< 2	2.20	< 0.5	5	91	14	0.92	< 10	< 1	0.02	< 10	0.21
E 33	205	226	1	< 0.2	0.16	< 2	< 10	20	< 0.5	2	2.00	< 0.5	3	126	16	0.85	< 10	< 1	0.05	< 10	0.32
E 41	205	226	< 1	< 0.2	0.32	40	< 10	30	< 0.5	< 2	5.51	< 0.5	17	104	15	2.60	< 10	< 1	0.07	< 10	2.44
R 93	205	226	< 1	< 0.2	0.35	26	< 10	70	< 0.5	< 2	2.29	< 0.5	18	116	28	2.55	< 10	< 1	0.08	10	0.17



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CERTIFICATE OF ANALYSIS	A0024241
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SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
	EXT-AA																	
E 29	205	226	1410	< 1	0.05	59	70	< 2	0.02	< 2	29	31	< 0.01	< 10	< 10	39	< 10	86
E 30	205	226	230	< 1	0.01	7	120	2	< 0.01	< 2	1	149	< 0.01	< 10	< 10	5	< 10	14
E 32	205	226	230	< 1	0.01	9	190	< 2	0.15	< 2	2	41	< 0.01	< 10	< 10	7	< 10	16
E 33	205	226	230	< 1	< 0.01	8	200	< 2	0.05	< 2	1	38	< 0.01	< 10	< 10	7	< 10	16
E 41	205	226	645	< 1	0.01	82	20	< 2	0.09	6	2	284	< 0.01	< 10	< 10	8	< 10	26
R 93	205	226	425	< 1	0.06	14	240	8	0.03	< 2	3	105	< 0.01	< 10	< 10	7	< 10	70

SCROGGIE

Access was made by fixed-wing aircraft from Dawson in June and by ATV from Pelly Farm in August

Prospecting followed-up and added to last year's program and continued to provide encouraging results. Thirty-seven additional Rum Run claims were staked and initial sampling of these claims was done. Refer to the attached report on these claims for detail of work carried out on and in close proximity to the claims. The map on the preceding page shows the prospecting done away from the claims. Most of this data is stream sediment sampling

Two granite bodies, additional to the granite batholith mapped by Bostock, were mapped. A stock of granite, separated from the main batholith by three to five km of metamorphic rocks is a coarse-grained moderately foliated granite composed of one-half cm long quartz grains set in coarse to medium-grained pink feldspar with five to ten percent variably chloritized hornblende and biotite. Mafic biotite-hornblende rich xenoliths are common locally. About 20 percent of the feldspars are white. Another granitic body underlies much of the MB claim and extends uphill to the east some unknown distance.

The granite south of Scroggie Creek has some interesting anomalous geochemistry along its southern and western contacts. Samples C29 to C34 are anomalous for gold, many are anomalous for W (as well as some downstream within the granite) and two are anomalous for Bi and Ag. On the west end of the granite, biotite-muscovite schist is common along with some quartz vein rubble in the creeks. Along the south contact, quartz-eye rhyolite and a variety of felsic tuffs outcrop and form abundant float in creeks at sample sites C27 to C33. Schists and gneisses are also common as float at sample sites C32 & C33. Pegmatite occurs at several sites. The granite contact as shown south of C27 and C28 should probably be drawn along Scroggie Creek, possibly fault offset, and be drawn from between C26 & 27 towards C32. Stream sediment sample C26 produced a >1000 ppb Au. Float at this site was noted to be mainly pink granite with some schists, phyllites and gneisses.

Au, As and Pb anomalies at C55, C56 and C58 probably reflect the continuing gold anomaly associated with the quartz-muscovite schist (QMS on map) that outcrops


sporadically in this area. This anomalous gold may extend onto the LA claims further east as all the claims now form a pronounced linear encompassing all the known QMS

Another gold anomaly occurs in stream sediments C1 to C4 collected from streams on the southwest flank of Pyroxene Mountain. C3 has a high Au of 320ppb. It is interesting that no pyroxenite was seen in any of the creeks at these sites although the contact is shown here. Some moderately anomalous Pb occurs with the anomalous Au. Float was granite, gneisses and schists

All the anomalous areas described above should be further prospected. Additional stream sediment sampling is recommended further up Scroggie Creek from C30 and further up Stevens Creek from C14. Recce soil sampling is recommended for all four targets at which time rock chip sampling of mineralized float and outcrop and silt sampling of streams and seeps should be done

Respectfully submitted


Dave Bennett


Gord Richards

RUM RUN PROPERTY
 Scroggie Creek 1150/1+2 115J/15+16
GEOLOGY, CLAIMS and REGIONAL SILTS

Gr - granite
 Peg - pegmatite
 PIPgdn - Proterozoic-Phanerozoic granodiorite
 PIPgdn - Proterozoic-Phanerozoic schists & gneisses mainly garnet hbd qtz tspar gneisses

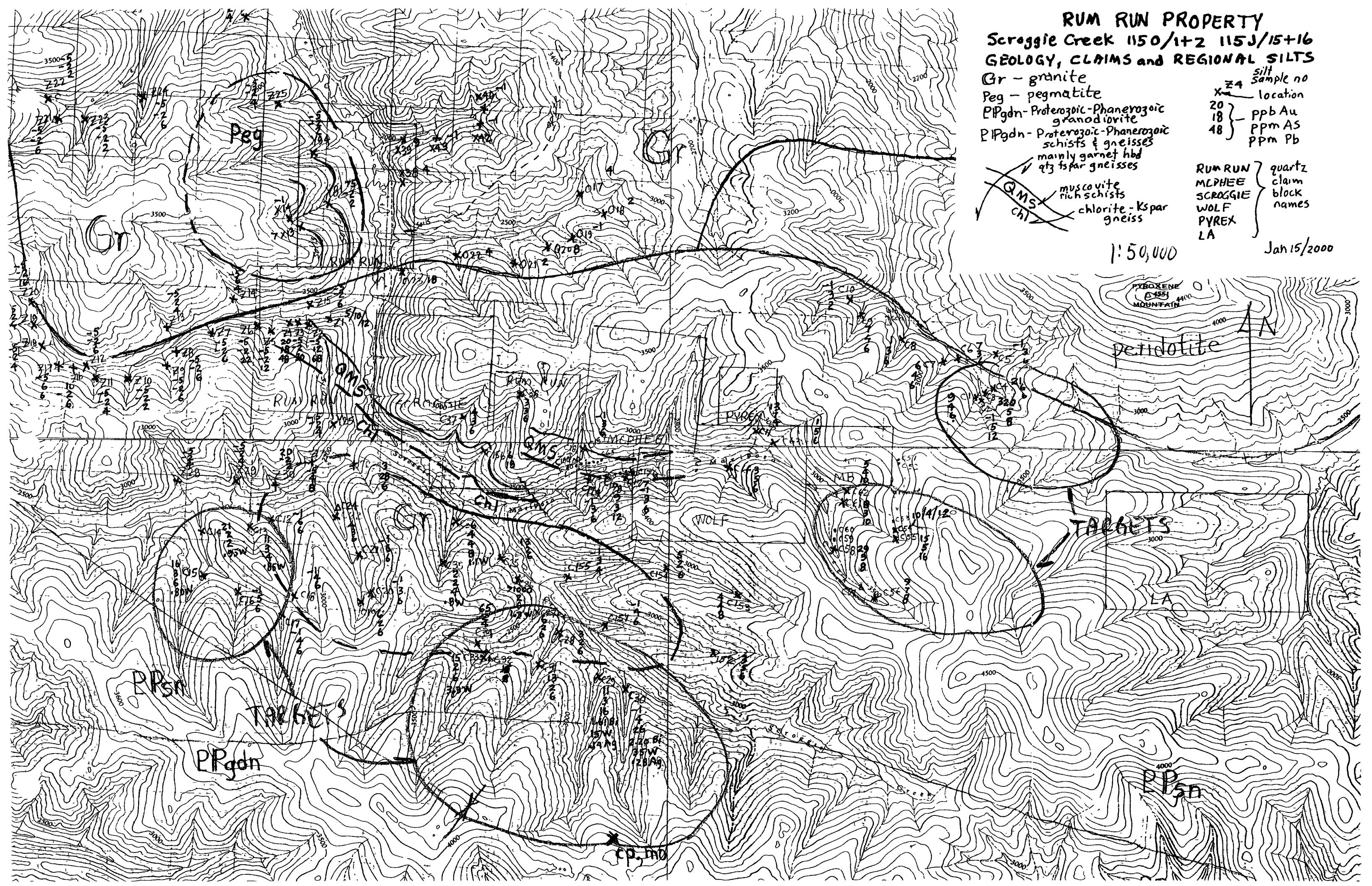
QMS - muscovite rich schists
 chl - chlorite - Kspar gneiss

RUM RUN } quartz claim
 MCPHEE } claim
 SCROGGIE } block
 WOLF } names
 PYREX }
 LA }

X 24 } silt sample no
 location
 20 } ppb Au
 18 } ppm AS
 48 } ppm Pb

1:50,000

Jan 15/2000



C1	201	202	9	-----	0.89	0.4	4.2	80	0.15	0.06	< 10	0.10	0.17	10	4.1	5.1
C2	201	202	< 1	-----	1.80	0.1	5.8	220	0.30	0.23	< 10	0.06	0.47	18	14.8	21.0
C3	201	202	320	-----	1.92	< 0.1	5.0	230	0.25	0.07	< 10	0.20	0.65	27	29.2	21.8
C4	201	202	21	-----	2.03	0.1	6.0	370	0.45	0.06	< 10	0.24	0.89	19	20.8	18.2
C5	201	202	< 1	-----	1.28	0.1	3.6	110	0.25	0.01	< 10	0.08	0.75	54	15.4	15.0
C6	201	202	7	-----	1.22	0.1	3.2	160	0.25	0.05	< 10	0.12	0.64	34	11.6	11.2
C7	201	202	6	-----	1.36	0.1	4.0	200	0.25	0.06	< 10	0.14	0.54	26	17.4	27.4
C8	201	202	1	-----	1.02	0.1	3.6	200	0.20	0.03	< 10	0.08	0.43	22	13.4	18.0
C9	201	202	7	-----	1.05	0.3	4.2	320	0.25	0.06	< 10	0.10	0.60	18	11.2	16.8
C10	201	202	< 1	-----	1.50	0.1	3.2	520	0.20	0.08	< 10	0.08	0.70	23	12.0	13.2
C11	201	202	13	-----	0.66	0.1	6.8	180	0.20	0.08	< 10	0.10	0.33	16	7.2	14.6
C12	201	202	< 1	-----	1.16	0.1	6.6	150	0.20	0.03	< 10	0.10	0.42	8	13.4	7.0
C13	201	202	11	-----	1.01	0.1	3.4	170	0.15	0.04	< 10	0.10	0.49	13	7.0	6.6
C14	201	202	21	-----	0.98	0.2	2.6	100	0.20	0.04	< 10	0.06	0.71	16	7.6	8.6
C15	201	202	16	-----	1.38	0.1	3.4	120	0.25	0.07	< 10	0.12	0.73	23	11.2	25.6
C16	201	202	< 1	-----	1.09	0.1	5.4	120	0.20	0.12	< 10	0.08	0.43	15	11.4	15.0
C17	201	202	< 1	-----	1.36	0.1	4.0	170	0.15	0.08	< 10	0.06	0.67	19	9.6	13.6
C18	201	202	< 1	-----	1.05	0.1	4.2	110	0.10	0.06	< 10	0.06	0.29	9	6.6	7.0
C19	201	202	6	-----	1.22	< 0.1	2.4	150	0.10	0.02	< 10	0.06	0.40	16	11.4	10.2
C20	201	202	< 1	-----	1.58	0.2	3.8	180	0.25	0.01	< 10	0.08	0.54	35	10.8	12.4
C21	201	202	< 1	-----	1.21	0.1	6.2	150	0.15	0.01	< 10	0.08	0.43	15	12.6	8.8
C22	201	202	4	-----	1.46	0.1	3.6	190	0.20	0.03	< 10	0.08	0.52	14	13.2	10.4
C23	201	202	3	-----	1.40	0.7	28.0	250	0.30	0.06	< 10	0.36	0.51	18	10.8	15.6
C25	201	202	13	-----	0.92	0.1	2.0	80	0.15	< 0.01	< 10	0.04	0.52	10	6.2	5.4
C26	201	202	>1000	not/as	1.16	< 0.1	2.6	120	0.25	0.01	< 10	0.08	0.47	13	8.8	6.6
C27	201	202	6	-----	0.99	< 0.1	2.6	120	0.20	0.03	< 10	0.06	0.45	12	9.2	10.2
C28	201	202	3	-----	1.09	< 0.1	2.2	120	0.15	0.09	< 10	0.04	0.40	11	8.2	11.0
C29	201	202	11	-----	1.41	0.1	3.0	160	0.25	1.61	< 10	0.24	0.56	16	15.4	20.0
C30	201	202	< 1	-----	1.26	0.2	4.2	130	0.35	2.20	< 10	0.56	0.51	16	15.6	32.6
C31	201	202	13	-----	0.97	< 0.1	1.8	110	0.05	0.17	< 10	0.06	0.39	11	7.2	11.8
C33	201	202	15	-----	0.94	< 0.1	2.2	100	0.10	0.04	< 10	0.06	0.38	11	7.8	8.8
C34	201	202	65	-----	1.02	0.1	2.0	120	0.05	0.04	< 10	0.06	0.49	11	7.8	8.4
C35	201	202	2	-----	1.20	< 0.1	1.8	120	0.25	< 0.01	< 10	0.06	0.54	14	9.0	5.8
C36	201	202	4	-----	1.54	0.1	3.8	230	0.20	0.03	< 10	0.12	0.57	17	12.0	10.6
C37	201	202	4	-----	1.28	0.1	3.4	330	0.20	0.03	< 10	0.08	0.61	15	11.0	16.4
C38	201	202	3	-----	1.32	0.1	3.2	290	0.25	0.03	< 10	0.12	0.48	18	10.6	17.8
C39	201	202	3	-----	1.23	0.1	5.6	270	0.20	0.07	< 10	0.22	0.50	14	13.2	16.4
C51	201	202	< 1	-----	2.12	0.4	9.6	390	0.40	0.14	< 10	0.08	0.17	36	8.8	20.2
C52	201	202	4	-----	1.72	0.3	6.4	520	0.30	0.09	< 10	0.12	0.33	41	10.4	15.2
C53	201	202	6	-----	1.89	0.1	6.6	180	0.25	0.12	< 10	0.08	0.27	22	10.8	22.2

CERTIFICATION:



ALS Chemex

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6170 TISDALL ST.,
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Project: SCROGGIE
 Comments: ATTN: GORDON RICHARD

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 Account :NDJ

CERTIFICATE OF ANALYSIS A0024186

SAMPLE	PREP CODE	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %	Mn ppm	Eg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm
C1	201 202	3.2	< 0.1	1.64	< 10	6	0.30	165	0.01	1.0	8	440	0.11	2	< 0.5
C2	201 202	6.3	< 0.1	2.93	< 10	12	0.93	595	0.04	2.6	10	590	0.14	4	< 0.5
C3	201 202	6.6	< 0.1	3.40	< 10	8	1.17	1260	< 0.01	1.8	18	840	0.10	5	< 0.5
C4	201 202	6.8	< 0.1	3.92	< 10	6	1.38	1330	0.02	1.8	13	1290	0.14	8	< 0.5
C5	201 202	4.0	< 0.1	2.93	< 10	6	0.92	470	0.01	0.2	20	710	0.04	5	< 0.5
C6	201 202	3.8	< 0.1	2.12	< 10	6	0.67	455	< 0.01	0.4	15	970	0.07	4	< 0.5
C7	201 202	4.3	< 0.1	2.69	< 10	6	0.73	650	0.02	2.2	15	1030	0.13	5	< 0.5
C8	201 202	3.4	< 0.1	2.30	10	6	0.57	610	< 0.01	1.8	15	990	0.16	4	< 0.5
C9	201 202	3.3	< 0.1	2.47	10	6	0.49	645	0.03	1.4	13	1040	0.10	3	< 0.5
C10	201 202	4.5	< 0.1	2.83	< 10	2	0.95	530	0.05	1.0	14	1410	0.32	5	< 0.5
C11	201 202	1.9	< 0.1	1.69	10	4	0.21	345	< 0.01	1.4	10	680	0.06	1	< 0.5
C12	201 202	3.0	< 0.1	2.71	< 10	6	0.53	595	0.03	0.8	6	830	0.13	2	< 0.5
C13	201 202	2.5	< 0.1	1.64	< 10	4	0.39	295	0.01	0.2	9	840	0.06	2	< 0.5
C14	201 202	2.7	< 0.1	1.68	< 10	2	0.45	210	< 0.01	0.2	10	1850	0.08	3	< 0.5
C15	201 202	3.5	< 0.1	2.26	10	8	0.69	635	0.01	0.8	14	1360	0.17	3	< 0.5
C16	201 202	2.9	< 0.1	2.28	< 10	6	0.52	460	0.01	0.8	8	970	0.16	2	< 0.5
C17	201 202	3.8	< 0.1	2.12	< 10	6	0.64	325	0.02	0.6	11	1630	0.15	3	< 0.5
C18	201 202	3.0	< 0.1	2.01	< 10	6	0.42	195	0.01	0.6	7	790	0.15	3	< 0.5
C19	201 202	3.7	< 0.1	2.23	< 10	6	0.56	300	0.09	0.2	9	840	0.12	4	< 0.5
C20	201 202	4.5	< 0.1	2.62	30	6	0.75	395	0.01	1.2	22	830	0.25	3	< 0.5
C21	201 202	3.0	< 0.1	2.53	10	6	0.56	745	0.04	0.6	11	760	0.22	2	< 0.5
C22	201 202	3.6	< 0.1	2.56	10	6	0.62	700	0.05	0.6	10	700	0.24	3	< 0.5
C23	201 202	4.0	< 0.1	2.54	10	6	0.51	525	0.04	3.0	18	830	0.11	4	0.5
C25	201 202	2.3	< 0.1	1.47	10	6	0.39	375	0.02	0.4	7	1100	0.13	1	< 0.5
C26	201 202	3.0	< 0.1	1.89	10	6	0.48	475	< 0.01	0.4	8	920	0.20	2	< 0.5
C27	201 202	2.5	< 0.1	1.92	< 10	8	0.42	405	0.01	0.6	8	820	0.09	3	< 0.5
C28	201 202	2.8	< 0.1	2.05	< 10	6	0.45	260	0.01	0.4	6	740	0.08	3	< 0.5
C29	201 202	3.7	< 0.1	2.73	< 10	16	0.67	540	< 0.01	5.2	9	1070	0.18	4	< 0.5
C30	201 202	3.3	< 0.1	2.46	< 10	26	0.60	780	< 0.01	18.6	11	870	0.16	3	< 0.5
C31	201 202	2.5	< 0.1	2.03	< 10	6	0.38	240	< 0.01	0.8	6	880	0.07	3	< 0.5
C33	201 202	2.6	< 0.1	1.75	< 10	6	0.38	280	< 0.01	0.4	6	910	0.08	3	< 0.5
C34	201 202	2.8	< 0.1	1.73	< 10	4	0.43	335	< 0.01	0.4	7	1090	0.12	3	< 0.5
C35	201 202	3.2	< 0.1	1.86	10	4	0.52	580	< 0.01	0.2	8	1090	0.19	2	< 0.5
C36	201 202	3.8	< 0.1	2.47	10	8	0.66	1185	0.01	0.8	13	700	0.24	3	< 0.5
C37	201 202	3.8	< 0.1	2.57	< 10	6	0.60	510	0.05	0.8	12	990	0.20	4	< 0.5
C38	201 202	4.6	< 0.1	2.74	< 10	6	0.62	605	0.03	0.8	11	570	0.19	6	< 0.5
C39	201 202	3.9	< 0.1	2.75	< 10	10	0.54	1040	0.04	1.6	9	850	0.16	4	< 0.5
C51	201 202	5.4	< 0.1	2.92	10	10	0.49	280	0.04	1.0	23	300	0.06	4	< 0.5
C52	201 202	3.9	< 0.1	2.32	10	8	0.50	420	0.08	0.8	24	680	0.05	4	< 0.5
C53	201 202	4.9	< 0.1	3.12	< 10	10	0.58	325	0.08	1.2	14	530	0.13	4	< 0.5

CERTIFICATION: 



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

Client: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Page No. of : 1-C
 Total Pages : 2
 Certificate Date: 07-AUG-2000
 Invoice No. : I0024186
 P.O. Number :
 Account : NDJ

Project: SCROGGIE
 Comments: ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024186

SAMPLE	PREP CODE	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm			
C1	201 202	0.02	< 0.01	9	0.01	< 0.05	0.08	0.07	0.10	0.45	31	42			
C2	201 202	0.14	0.01	28	0.03	< 0.05	0.14	0.09	0.10	0.90	71	74			
C3	201 202	0.06	0.01	43	0.03	< 0.05	0.06	0.13	< 0.05	0.60	89	104			
C4	201 202	0.04	0.01	35	0.03	< 0.05	0.08	0.07	< 0.05	0.60	87	106			
C5	201 202	< 0.02	0.03	78	< 0.01	< 0.05	0.02	0.09	< 0.05	0.40	104	48			
C6	201 202	0.02	0.01	47	0.01	< 0.05	0.04	0.07	0.05	0.70	55	54			
C7	201 202	0.02	0.01	30	0.01	< 0.05	0.08	0.09	< 0.05	1.00	61	76			
C8	201 202	< 0.02	0.01	25	< 0.01	< 0.05	0.06	0.07	< 0.05	0.55	48	46			
C9	201 202	0.06	< 0.01	39	0.01	< 0.05	0.06	0.05	0.05	0.65	43	58			
C10	201 202	0.04	< 0.01	41	0.02	< 0.05	0.08	0.10	0.05	0.65	65	64			
C11	201 202	0.02	0.01	19	< 0.01	< 0.05	0.04	0.03	< 0.05	0.70	25	32			
C12	201 202	0.02	0.01	28	0.01	< 0.05	0.06	0.06	0.05	0.40	42	50			
C13	201 202	0.02	< 0.01	25	0.01	< 0.05	0.04	0.05	0.85	0.40	29	46			
C14	201 202	0.06	0.01	43	< 0.01	< 0.05	0.04	0.06	0.95	0.85	35	46			
C15	201 202	0.08	< 0.01	74	0.02	< 0.05	0.10	0.07	0.80	2.00	42	60			
C16	201 202	0.02	< 0.01	21	< 0.01	< 0.05	0.08	0.06	0.05	0.70	34	50			
C17	201 202	0.06	< 0.01	37	0.01	< 0.05	0.08	0.08	0.05	0.75	40	60			
C18	201 202	0.04	< 0.01	15	0.01	< 0.05	0.08	0.08	0.05	0.30	40	52			
C19	201 202	0.06	0.01	20	0.01	< 0.05	0.02	0.09	0.15	0.25	57	56			
C20	201 202	0.06	< 0.01	37	0.01	< 0.05	0.04	0.10	0.05	1.35	50	56			
C21	201 202	0.04	< 0.01	32	0.01	< 0.05	0.02	0.08	0.05	0.50	41	50			
C22	201 202	0.08	< 0.01	41	0.02	< 0.05	0.04	0.09	0.20	0.90	43	64			
C23	201 202	0.12	< 0.01	33	0.03	< 0.05	0.08	0.05	0.50	1.45	54	118			
C25	201 202	0.04	< 0.01	29	0.01	< 0.05	< 0.02	0.05	0.05	0.50	26	42			
C26	201 202	0.06	< 0.01	33	0.01	< 0.05	0.06	0.08	1.30	0.65	34	52			
C27	201 202	0.04	< 0.01	26	0.04	< 0.05	< 0.02	0.06	0.15	0.95	37	46			
C28	201 202	0.04	0.03	34	0.10	< 0.05	< 0.02	0.05	0.20	0.30	39	44			
C29	201 202	0.14	0.01	37	0.04	0.05	0.10	0.08	15.20	0.90	61	68			
C30	201 202	0.28	< 0.01	37	0.06	0.10	0.12	0.07	35.1	3.80	47	90			
C31	201 202	0.06	0.03	37	0.13	< 0.05	< 0.02	0.05	0.70	0.35	40	40			
C33	201 202	0.06	< 0.01	19	0.03	< 0.05	< 0.02	0.06	3.30	0.45	39	42			
C34	201 202	0.04	< 0.01	26	0.02	< 0.05	0.10	0.07	0.20	0.90	35	48			
C35	201 202	0.04	< 0.01	37	0.01	< 0.05	0.04	0.07	0.80	0.60	34	52			
C36	201 202	0.08	< 0.01	36	0.02	< 0.05	0.06	0.09	1.10	1.30	43	68			
C37	201 202	0.08	< 0.01	28	0.01	< 0.05	0.02	0.07	0.10	0.70	45	60			
C38	201 202	0.06	< 0.01	18	0.01	< 0.05	< 0.02	0.07	0.10	0.55	51	70			
C39	201 202	0.10	< 0.01	25	0.01	0.05	0.02	0.07	0.15	0.65	41	78			
C51	201 202	0.06	< 0.01	16	0.01	< 0.05	0.02	0.06	0.30	0.60	62	54			
C52	201 202	0.06	< 0.01	28	0.02	< 0.05	0.02	0.05	0.15	1.15	49	54			
C53	201 202	0.84	< 0.01	19	0.03	< 0.05	0.14	0.10	0.15	0.90	65	68			

CERTIFICATION:



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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 PHONE: 604-984-0221 FAX: 604-984-0218

J: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project: SCROGGIE
 Comments: ATTN: GORDON RICHARD

Page No. or :2-A
 Total Pages :2
 Certificate Date: 07-AUG-2000
 Invoice No. : I0024186
 P.O. Number :
 Account : NDJ

CERTIFICATE OF ANALYSIS A0024186

SAMPLE	PREP CODE	Au ppb EXT-AA	Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm
C54	201 202	10	-----	1.56	0.1	4.4	150	0.15	0.15	< 10	0.12	0.29	18	8.2	14.0
C55	201 202	15	-----	1.87	0.1	5.2	230	0.40	0.84	< 10	0.28	0.31	20	11.6	20.6
C56	201 202	9	-----	1.43	0.2	6.6	240	0.25	0.05	< 10	0.14	0.37	18	9.8	14.0
C58	201 202	29	-----	0.87	0.3	8.8	170	0.25	0.03	< 10	0.06	0.38	12	7.4	14.8
C59	201 202	17	-----	1.82	0.2	6.0	200	0.30	0.14	< 10	0.08	0.17	25	11.8	14.0
C60	201 202	< 1	-----	2.25	0.2	5.2	210	0.30	0.08	< 10	0.08	0.26	25	16.0	24.0
C61	201 202	8	-----	1.44	0.1	3.4	170	0.15	0.09	< 10	0.12	0.31	14	11.0	13.4
C62	201 202	5	-----	1.54	0.1	4.4	230	0.20	0.13	< 10	0.12	0.36	22	10.2	14.8
C63	201 202	1	-----	1.09	0.1	5.0	280	0.20	0.15	< 10	0.22	0.44	13	9.6	15.2
C64	201 202	3	-----	0.89	< 0.1	4.6	90	0.10	0.03	< 10	0.02	0.22	12	5.2	7.0
C65	201 202	< 1	-----	2.09	0.1	5.0	230	0.50	0.14	< 10	< 0.02	0.31	16	8.2	21.6
C66	201 202	< 1	-----	1.91	0.1	4.6	160	0.60	0.14	< 10	0.06	0.33	15	8.6	18.0
C67	201 202	76	-----	1.28	< 0.1	1.4	130	0.40	0.04	< 10	0.02	0.26	6	7.6	15.8
C68	201 202	1	-----	1.15	0.3	9.6	210	0.40	0.37	< 10	0.06	0.23	10	4.6	17.0
C69	201 202	8	-----	1.19	0.1	11.8	180	0.55	0.70	< 10	0.14	0.16	10	8.6	27.6
C70	201 202	1	-----	1.09	0.1	9.4	170	0.75	0.57	< 10	0.28	0.25	10	5.2	18.4
C151	201 202	< 1	-----	0.99	0.1	3.8	150	0.20	0.07	< 10	0.10	0.42	13	6.8	7.2
C152	201 202	3	-----	1.23	0.2	5.4	190	0.25	0.09	< 10	0.10	0.43	17	7.4	10.4
C153	201 202	4	-----	1.07	0.1	4.4	180	0.30	0.21	< 10	0.12	0.40	14	10.4	12.2
C154	201 202	5	-----	1.16	0.1	2.2	190	0.15	0.10	< 10	0.08	0.47	15	8.6	11.4
C155	201 202	< 1	-----	1.04	0.2	3.0	150	0.20	0.08	< 10	0.10	0.51	14	7.4	11.4
C156	201 202	1	-----	0.93	0.1	6.4	210	0.30	0.32	< 10	0.22	0.48	12	8.4	9.4
C157	201 202	< 1	-----	1.10	0.1	3.4	190	0.25	0.06	< 10	0.10	0.58	14	8.8	12.8
C177	201 202	< 1	-----	0.73	< 0.1	2.8	120	0.15	0.09	< 10	0.04	0.23	10	8.0	14.0
C178	201 202	9	-----	0.70	0.1	2.8	80	0.25	0.14	< 10	0.02	0.14	8	2.8	9.8
C179	201 202	< 1	-----	1.41	< 0.1	3.4	270	0.20	0.04	< 10	0.08	0.56	24	13.6	14.8

CERTIFICATION: 



ALS Chemex

Aurora Laboratory Services Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver

British Columbia, Canada V7J 2C1

PHONE: 604-984-0221 FAX: 604-984-0218

Client: RICHARDS, GORDON

6170 TISDALL ST.,
VANCOUVER, BC
V5Z 3N4

Project: SCROGGIE

Comments: ATTN: GORDON RICHARD

Page Number: 2-B

Total Pages: 2

Certificate Date: 07-AUG-2000

Invoice No.: I0024186

P.O. Number:

Account: NDJ

CERTIFICATE OF ANALYSIS

A0024186

SAMPLE	PREP CODE		Ga	Ge	Fe	La	Pb	Mg	Mn	Hg	Mo	Ni	P	K	Sc	Se
			ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
C54	201	202	3.9	< 0.1	2.33	< 10	12	0.59	265	0.01	1.0	11	520	0.17	3	< 0.5
C55	201	202	5.7	< 0.1	2.88	< 10	16	0.69	645	0.07	1.2	12	690	0.14	4	< 0.5
C56	201	202	3.8	< 0.1	2.31	< 10	8	0.52	515	0.05	1.6	13	860	0.16	3	< 0.5
C58	201	202	2.3	< 0.1	1.97	10	6	0.37	355	0.02	2.0	11	1130	0.24	3	< 0.5
C59	201	202	4.8	< 0.1	3.10	< 10	8	0.51	405	0.02	1.8	15	490	0.11	4	< 0.5
C60	201	202	5.7	< 0.1	3.15	< 10	6	0.87	350	0.02	0.6	21	840	0.28	6	< 0.5
C61	201	202	4.0	< 0.1	2.29	< 10	10	0.56	400	0.03	0.8	9	640	0.13	3	< 0.5
C62	201	202	4.0	< 0.1	1.97	< 10	10	0.44	390	0.06	1.2	13	480	0.08	3	< 0.5
C63	201	202	2.8	< 0.1	1.70	10	6	0.27	585	0.06	1.4	9	450	0.06	2	< 0.5
C64	201	202	2.6	< 0.1	1.48	< 10	6	0.35	165	0.02	1.0	8	550	0.10	1	< 0.5
C65	201	202	4.7	< 0.1	3.59	20	6	1.11	440	0.01	1.8	10	440	0.76	3	< 0.5
C66	201	202	5.1	< 0.1	3.23	10	8	0.83	395	0.01	1.4	10	460	0.45	3	< 0.5
C67	201	202	2.9	< 0.1	2.47	10	8	0.54	290	< 0.01	2.0	5	580	0.46	1	< 0.5
C68	201	202	3.4	< 0.1	2.64	10	16	0.38	185	0.01	3.2	6	340	0.15	2	0.5
C69	201	202	3.9	< 0.1	3.97	50	40	0.42	470	0.01	2.6	8	770	0.25	4	0.5
C70	201	202	2.6	< 0.1	2.63	30	46	0.32	225	0.01	1.8	8	460	0.12	3	0.5
C151	201	202	2.9	< 0.1	1.72	< 10	6	0.41	400	0.01	0.6	9	650	0.09	2	< 0.5
C152	201	202	3.7	< 0.1	1.92	10	6	0.48	285	0.05	0.8	11	600	0.08	3	< 0.5
C153	201	202	3.5	< 0.1	2.53	< 10	8	0.49	645	0.01	1.0	10	950	0.18	3	< 0.5
C154	201	202	3.7	< 0.1	1.93	< 10	6	0.55	340	0.02	0.4	10	1000	0.17	3	< 0.5
C155	201	202	3.1	< 0.1	1.92	10	4	0.44	380	0.02	0.6	10	1000	0.17	2	< 0.5
C156	201	202	3.0	< 0.1	2.64	< 10	18	0.39	1005	0.01	1.2	9	700	0.11	2	< 0.5
C157	201	202	4.0	< 0.1	2.37	< 10	6	0.54	560	0.01	1.2	10	1290	0.14	4	< 0.5
C177	201	202	2.6	< 0.1	1.74	< 10	6	0.31	410	0.01	1.0	6	480	0.11	1	< 0.5
C178	201	202	2.4	< 0.1	1.45	10	12	0.20	110	0.04	1.2	5	410	0.09	1	< 0.5
C179	201	202	4.2	< 0.1	2.55	< 10	6	0.75	650	0.03	0.6	14	1170	0.16	4	< 0.5

CERTIFICATION:



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project: SCROGGIE
 Comments: ATTN: GORDON RICHARD

Page Number :2-C
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CERTIFICATE OF ANALYSIS A0024186

SAMPLE	PREP CODE	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm			
C54	201 202	0.56	< 0.01	20	0.03	< 0.05	0.20	0.10	0.15	0.40	47	70			
C55	201 202	1.20	< 0.01	29	0.05	< 0.05	0.36	0.09	0.55	1.15	58	98			
C56	201 202	0.10	< 0.01	22	0.03	< 0.05	0.06	0.08	0.05	0.80	40	80			
C58	201 202	0.06	< 0.01	16	< 0.01	< 0.05	0.08	0.06	0.05	1.70	26	54			
C59	201 202	0.04	< 0.01	14	< 0.01	< 0.05	0.06	0.08	0.15	0.50	55	74			
C60	201 202	0.06	< 0.01	13	< 0.01	< 0.05	0.10	0.13	0.15	0.45	61	106			
C61	201 202	0.34	< 0.01	20	0.02	< 0.05	0.12	0.08	0.10	0.40	47	72			
C62	201 202	0.18	< 0.01	27	0.04	< 0.05	0.06	0.06	0.15	0.95	42	66			
C63	201 202	0.14	< 0.01	50	0.03	< 0.05	0.02	0.04	0.25	1.60	28	66			
C64	201 202	0.06	< 0.01	13	0.02	< 0.05	0.04	0.06	0.15	0.65	27	40			
C65	201 202	0.08	0.01	66	0.17	0.05	0.44	0.20	0.05	2.65	43	102			
C66	201 202	0.12	0.01	58	0.11	0.10	0.46	0.15	0.15	2.50	40	86			
C67	201 202	0.06	< 0.01	21	0.01	0.15	0.22	0.11	0.10	1.90	19	70			
C68	201 202	0.16	< 0.01	34	0.10	0.40	0.14	0.07	0.20	3.00	26	62			
C69	201 202	0.32	0.07	84	0.47	0.40	0.18	0.08	0.10	7.45	21	72			
C70	201 202	0.16	< 0.01	45	0.05	0.55	0.12	0.05	0.05	6.60	15	128			
C151	201 202	0.06	< 0.01	24	0.01	0.05	0.06	0.05	0.25	0.85	29	52			
C152	201 202	0.10	< 0.01	26	0.02	0.10	0.08	0.05	0.20	1.25	40	58			
C153	201 202	0.08	< 0.01	22	0.01	0.15	0.10	0.06	0.10	1.50	38	60			
C154	201 202	0.08	< 0.01	31	0.01	0.10	0.10	0.07	2.20	1.25	33	56			
C155	201 202	0.08	< 0.01	37	0.01	0.10	0.10	0.06	0.75	2.45	33	52			
C156	201 202	0.12	< 0.01	52	0.04	0.20	0.06	0.05	0.35	1.50	27	108			
C157	201 202	0.08	< 0.01	29	0.01	0.15	0.06	0.07	0.10	0.85	43	60			
C177	201 202	0.06	< 0.01	17	0.08	0.10	0.08	0.05	0.05	0.75	26	38			
C178	201 202	0.10	0.01	28	0.13	0.05	0.04	0.04	0.05	1.40	17	40			
C179	201 202	0.08	< 0.01	21	0.04	< 0.05	0.08	0.09	0.05	0.70	52	70			

CERTIFICATION:



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to: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project: SCROGGIE
 Comments: ATTN: GORDON RICHARD

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 09-AUG-2000
 Invoice No. : 10024615
 P.O. Number :
 Account : NDJ

CERTIFICATE OF ANALYSIS	A0024615
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SAMPLE	PREP CODE		Au ppb	Al	Sb	As	Ba	Be	Bi	B	Cd	Ca	Cr	Co	Cu	Ga	Ge	Fe	La	Pb	Mg
			EXT-AA	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
C176	201	202	< 1	0.79	0.1	2.8	120	0.15	0.07	10	0.02	0.13	8	3.0	6.6	2.3	< 0.1	1.36	10	8	0.24



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to: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
 V5Z 3N4

Project: SCROGGIE
 Comments: ATTN: GORDON RICHARD

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 Certificate Date: 09-AUG-2000
 Invoice No. : 10024615
 P.O. Number :
 Account : NDJ

CERTIFICATE OF ANALYSIS	A0024615
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SAMPLE	PREP CODE		Mn	Hg	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Ti	W	U	V	Zn
			ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
C176	201	202	100	< 0.01	1.2	4	430	0.12	1	< 0.5	0.06	0.03	32	0.12	< 0.05	0.06	0.05	0.05	1.05	18	26



ALS Chemex

Aurora Laboratory Services Ltd.
 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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Client: RICHARDS, GORDON

6170 TISDALL ST.,
 VANCOUVER, BC
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 Total Pages : 1
 Certificate Date: 04-AUG-2000
 Invoice No. : I0024184
 P.O. Number :
 Account : NDJ

Project : SCROGGIE
 Comments : ATTN: GORDON RICHARD

CERTIFICATE OF ANALYSIS A0024184

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	EXT-AA																				
C24	205	226	6	< 0.2	0.19	< 2	< 10	40	< 0.5	< 2	0.19	< 0.5	< 1	33	< 1	1.30	< 10	< 1	0.06	10	0.01
C32	205	226	< 1	< 0.2	1.09	< 2	< 10	80	< 0.5	< 2	0.09	< 0.5	13	56	49	2.77	< 10	< 1	0.13	< 10	0.70
C57	205	226	< 1	< 0.2	0.21	< 2	< 10	150	< 0.5	< 2	0.05	< 0.5	4	114	9	1.05	< 10	< 1	0.17	10	0.01
C180	205	226	< 1	< 0.2	0.46	< 2	< 10	210	< 0.5	< 2	0.08	< 0.5	1	69	7	0.75	< 10	< 1	0.11	< 10	0.10
C181	205	226	< 1	< 0.2	0.45	2	< 10	60	< 0.5	< 2	0.08	< 0.5	< 1	87	7	1.58	< 10	< 1	0.13	10	0.12



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SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Sn ppm
C24	205	226	25	< 1	0.08	< 1	280	6	< 0.01	< 2	1	7	0.03	< 10	< 10	17	< 10	28	< 2
C32	205	226	165	< 1	0.04	9	30	2	0.57	< 2	3	7	0.01	< 10	< 10	31	< 10	68	-----
C57	205	226	75	3	< 0.01	6	180	6	0.01	< 2	1	7	< 0.01	< 10	< 10	7	< 10	42	-----
C180	205	226	75	< 1	0.04	1	50	22	0.04	< 2	1	13	0.04	< 10	< 10	4	< 10	30	-----
C181	205	226	80	< 1	0.04	1	200	24	0.10	< 2	1	29	0.04	< 10	< 10	4	< 10	28	-----



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SAMPLE	PREP CODE		Au ppb	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
	EXT-AA																				
C171	205	226	4	0.35	2.9	363	10	0.05	0.87	< 10	0.72	0.12	38	11.8	359	1.4	< 0.1	9.83	< 10	< 2	0.09



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SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
	C171	205	226	80	0.14	409	1	550	0.12	4	< 0.5	1.36	0.04	4	>5.00	0.20	1.12	0.01	0.30	0.35	4

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