ASSESSMENT REPORT

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OCT U 9 1997

RISSA CLAIM

Gold Commissioner's Offic VANCOUVER, P.C. MINING DIVISION 11 NANAIMO

NTS 092K04W

LATITUDE 50° 11', LONGITUDE 125° 55'

Claim owner: Michael P.E. Becherer Author of report, Michael P.E. Becherer,P.Geo Date submitted; October 6, 1997

CEOLOGICAL SUBVEY BRANCH ASSESSMENT REPORT

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LOCATION AND ACCESS

The Rissa Claim is located approximately 22 kilometres south of White River Court. (Measured from the Highway 19 junction at White River Court to Sayward, British Columbia). Situated in the Sayward Provincial Forest at the North Memekay River and within the Nanaimo Mining District. Latitude 50 deg.10'min., longitude 125 deg.55'min, UTM Grid 922624. Legal Corner Post Tag No. 38993, tenure number 351288, NTS 092K04W, four units.

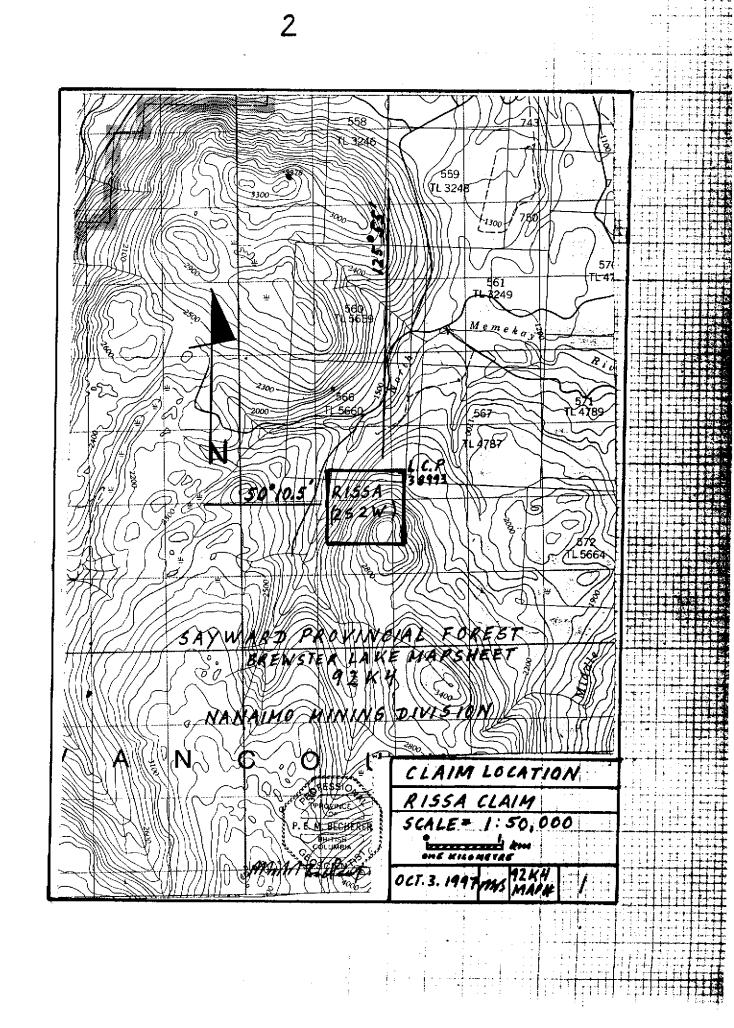
PHYSICAL FEATURES

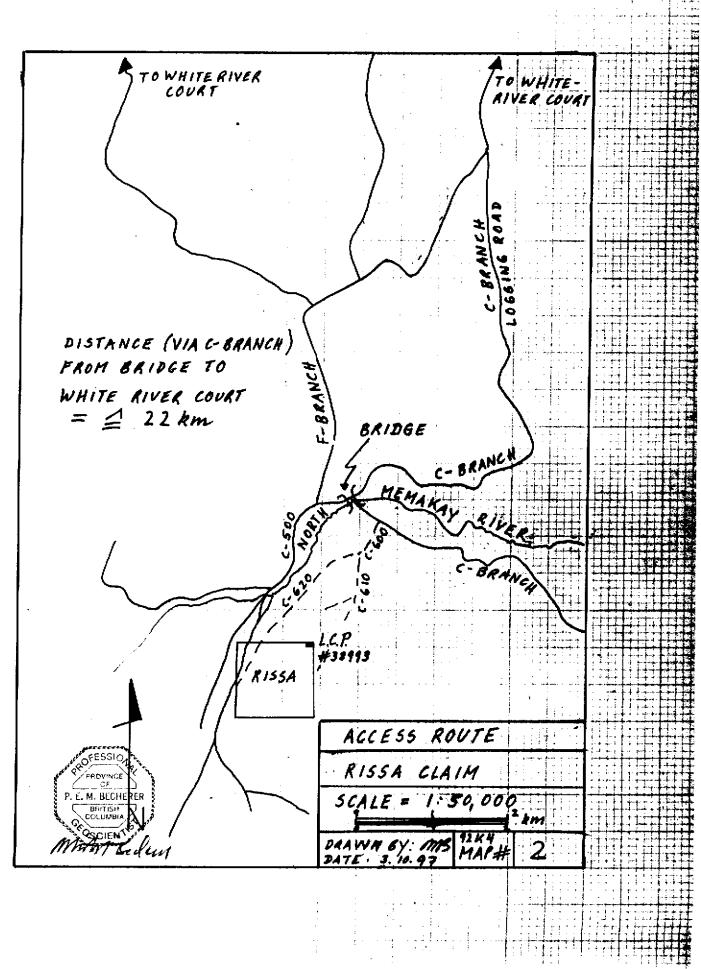
The claim covers an area of recently logged sections, alder bottoms, second growth and old growth forest at elevations between 300 to 700 meters. Rock exposures are numerous along C610 and C620 logging access roads (inclusive spurs). Also bedrock is visible partially along the North Memekay River and its tributaries. The upper claim area features a dome-like mountain with near vertical bluffs of up to approximately 50 meter height. Abundant bear and elk droppings point to a healthy wildlife population.

PREVIOUS WORK

Assessment Report 1992 - Georgina Claim- by the writer. The northeast and northwest unit of the present four unit claim used to be the Georgina claim and was in the past held by the author. The previous work consisted of geological mapping and minor sampling of the mapped area. A portion(spur?) of the C-600 branch which had been advanced mainly by blasting over a distance of about 600 meters was mapped in July 1992 and the samples taken assayed for possible precious metal content.

The Georgina and Joseph claim (to the south) were forfeited by me due to illness and later when I was healthy again combined and re-staked, which is now the Rissa claim.





REGIONAL GEOLOGY

A relatively small area of approximately 25 kilometer length in the north-south direction and of about 10 kilometer width in the east-west direction is made up of more recent volcanic and sedimentary rocks than the surrounding dominant Karmutsen basalt of this north-easterly portion of Vancouver Island. These recent volcanic and sedimentary rocks are of predominantly Jurassic age and of the so called Bonanza Group and Harbledown Formation. These units are fringed mainly to the east and slightly to the north by a narrow "band" of the Upper Triassic Parson Bay Formation and the Quatsino Limestones. Several intrusive bodies of usually less than 7 x 5 kilometer extent are situated to the east and north. All of the above mentioned groups are surrounded by the Triassic Karmutsen Formation.

SUMMARY: REGIONAL STRATIGRAPHY(from youngest to oldest):

Jurassic

Bonanza Group; andesitic flows, pyroclastics, flow-breccia

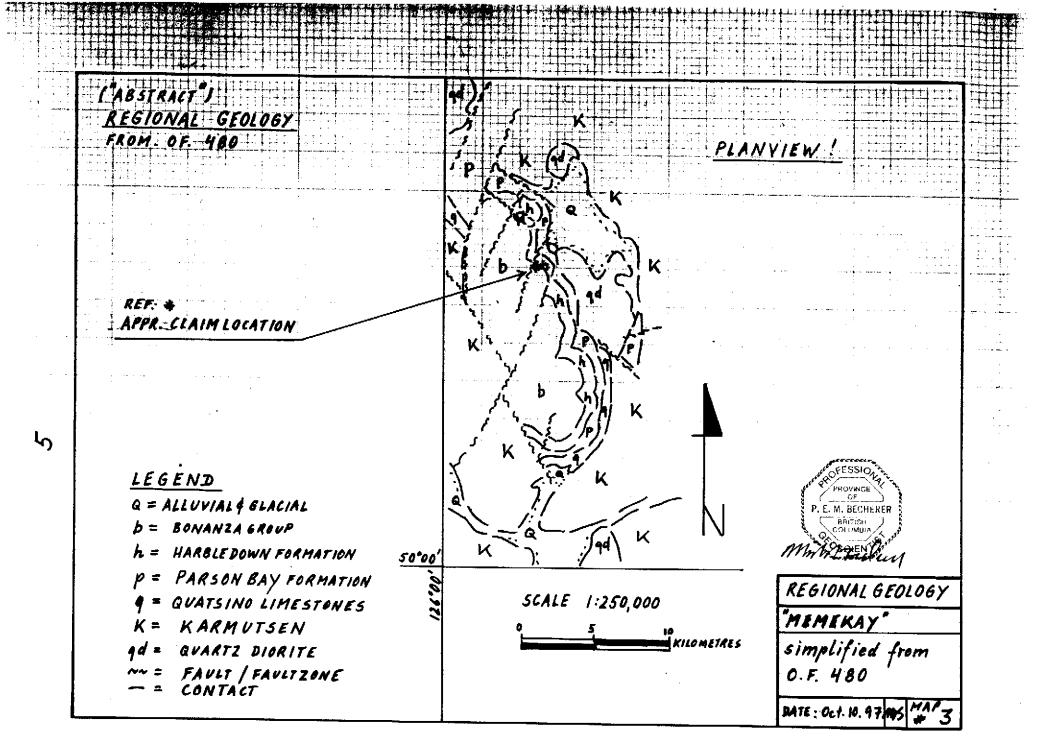
Harbledown Formation; feldspathic wacke, mudstones (siliceous argillites, phyllite),minor limestone

Triassic

Parson Bay Formation; shale, calcarenite, wacke

Quatsino Limestone; mainly thick bedded limestone

Karmutsen Formation; basalt flows, pillow lava, pillow-breccia



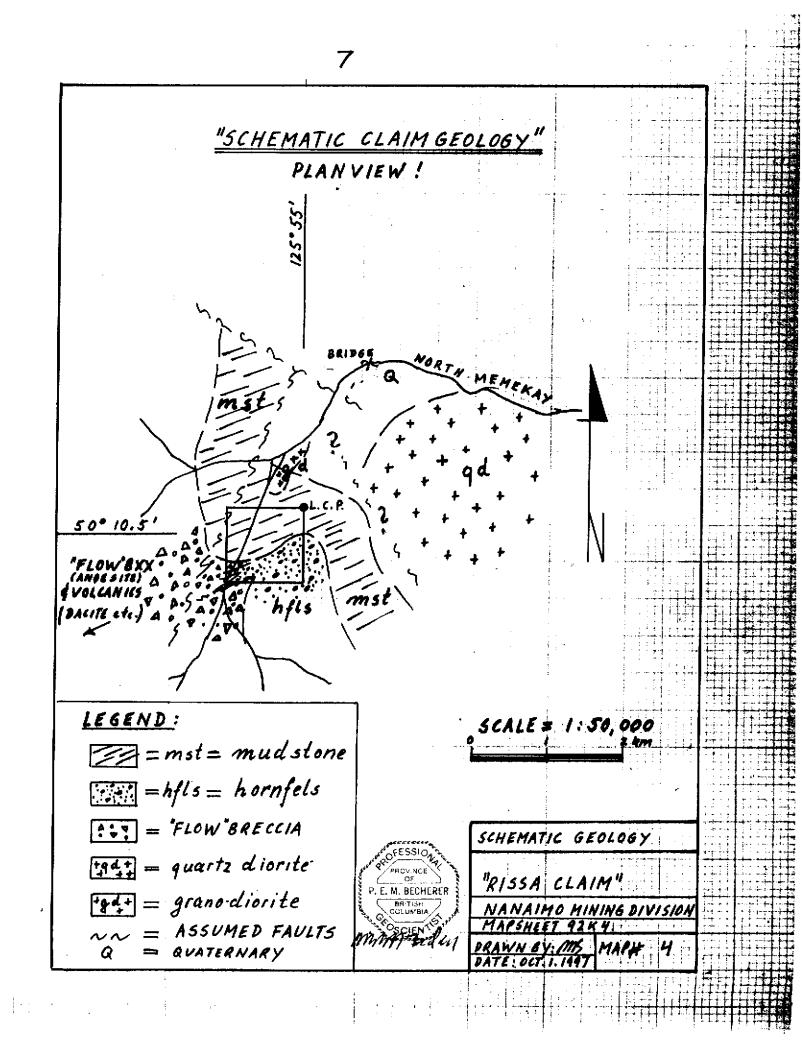
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CLAIM GEOLOGY

The Rissa Claim is situated in the north-east section of the described regional geology. Within the claim boundaries the major rock units are thin to thick bedded mudstones, hornfels, minor wacke, flow-breccia (andesite) and feldspar porphyritic dykes (sills ?). The interbedded'd mudstones strike roughly NW/SE and dip moderately south, with the dip attitude varying between 5 to 40 degrees. Some contorted bedding and crossbedding is restricted generally only over a few meters. These mudstones of the Harbledown Formation are composed of mainly altered argillites and white to grey very strongly silica altered (chert-The thickness of these interbed, d mudstones is at like)rock. least plus 200 meters as visible outcrops range approximately from the 500 meter elevation to river (300m)level. The mudstones are commonly coated by surface rust, are acid generating and contain up to 30 % pyrite (diagenetic ?)and to 5 % pyrrhotite. To the south and east of the claim area a dome shaped mountain top appears to be entirely composed of hornfels. This hornfels unit exhibits some remnant feldspar phenocrysts and hornblende. The hornfels a result of thermal (contact) metamorphism is in spots mineralized with pyrrhotite of up to To the south and west are andesitic flow breccia and 10%. pyroclastic rocks of the Bonanza Group. The contact of the Bonanza Group rocks and the hornfels appears to be a fault or faultzone, Az.060, Dip 65 degrees NW, marked by a saddle along the mountain ridge.

To the north of the Rissa Claim lies a small plug of granodiorite and to the east a much larger body of quartzdiorite. A small tributary of the North Memekay River running NNW seems to be the contact of the quartz-diorite and the Harbledown/Parson Bay Formation (a faultzone ?). To the west and northwest of the claim are more mudstones (Harbledown and Parson Bay Formation) and to the southwest Bonanza Group volcanic. MINERALIZATION

Pyrite is finely disseminated in the matrix and along fracture planes of the mudstone and minor wacke from the north- to the south-end of the property with the percentage of pyrite ranging from approximately 5 to 30 %. The grainsize of the pyrite appears to decrease to the south. Pyrrhotite seems to be the only sulfide mineral within the hornfels, from very sparsely to strongly disseminated up to 20 %. Minor pyrrhotite occurs also in the interbed,d mudstone commonly within the more felsic looking interbeds. Magnetite was noticed in float along the river and in a strongly magnetic dyke of mafic composition (diabase ?).



OBJECT OF PRESENT WORK

General prospecting was carried out on the Rissa Claim by the writer with the aim of possibly identifying a mineral of commercial value or signs leading to them. Days prospected in total amounted to six days, from September 9th to September 10th 1997 and from September 18th to September 21st 1997. The total area prospected was estimated at 64,000 square meters, which is 6.4 % of the total claim area. Many rock outcrops were thoroughly examined visually and spot samples collected for analysis. These samples were assayed by Chemex Labs Vancouver,B.C. using ICP-AES technique, a multi-element analytical procedure. The 30 element ICP-AES package from Chemex was chosen with the lower treshhold limits "for significant mineralization". In total 18 samples were assayed.

FUTURE WORK RECOMMENDED

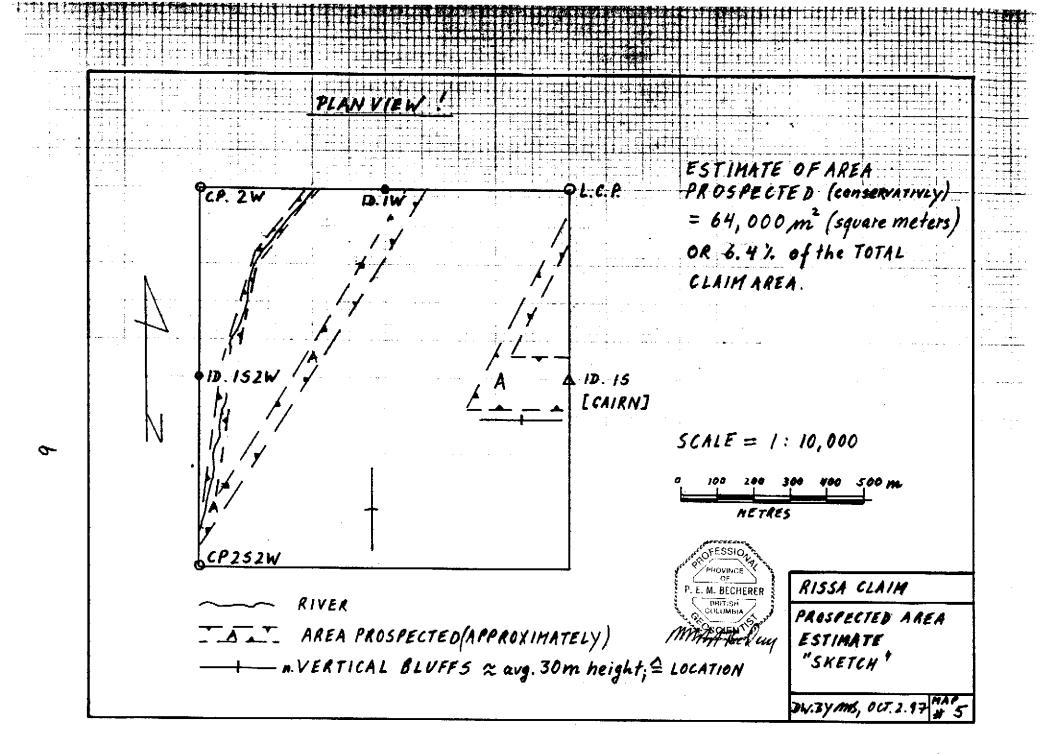
Geological mapping of the entire claim area. Geophysical work and petrographic studies could be useful. A more detailed large scale sampling program would be essential before considering any mechanical physical work.

THEORY

The large hornfels unit with an aureole of likely diagenetic pyrite and pyrrhotite in various sedimentary rocks points to a typical skarn environment. There exist some parallels to the Ingerbelle Mine, Princeton, B.C.; restricted from the viewpoint as a model only!. Also the Island(UTAH) Copper Mine past producer near Port Hardy has a similar regional geology. From the results of the North Island regional moss-matt and stream sediment program carried out by the Geological Service Branch in the nineteeneighties showing anomalous Barium, Zinc, Vanadium and Manganese for the North Memekay River within and near the claim area one could conclude that the existence of either a zinc skarn or vein associated deposit is a possibility.

CONCLUSION

The general prospecting work carried out proved to be quite worthwhile. Some areas of mineralization, several geological contacts and structures were identified. Also the results of the few samples collected are encouraging enough to continue with further work in the future.



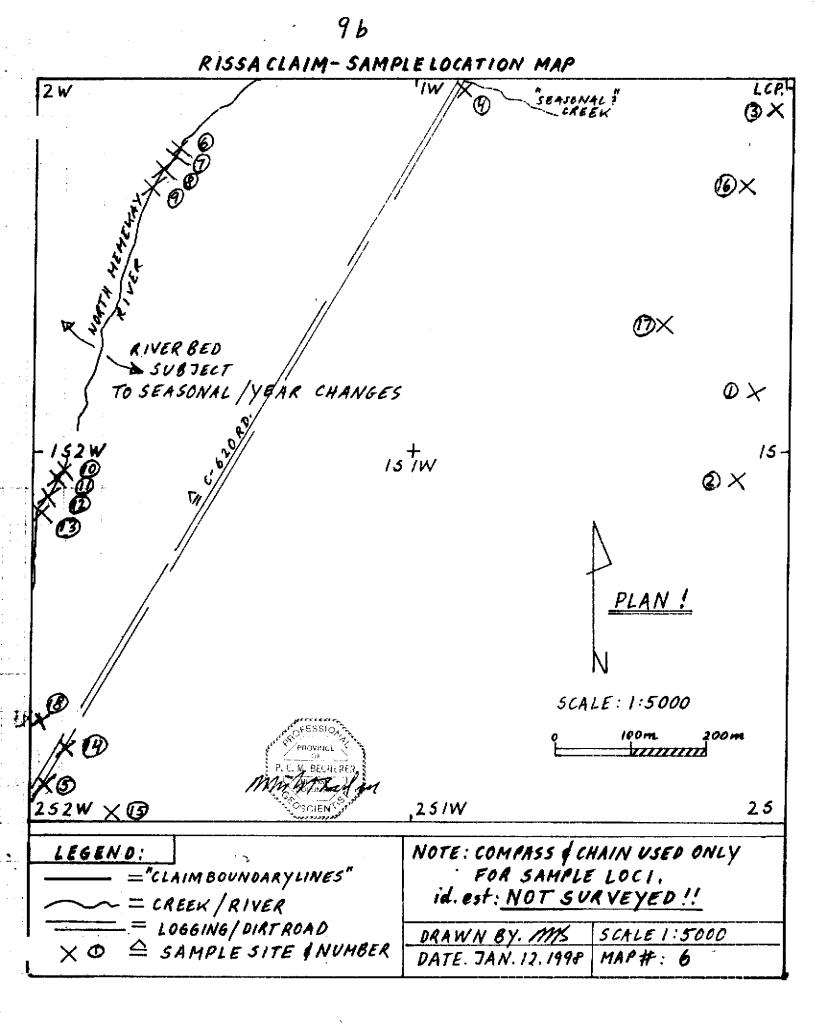


Table I

"ANOMALOUS" ASSAY RESULTS

Sample Number	ref #	As ppm	Ba ppm	Co ppm	Cu ppm	Fe 😵	Mn ppm	V ppm	Zn ppm	 ppm
M326501	1	30		40	565	10.7		40	105	Ni 165
M326502	2		260		70	4.6		140	50	
M326503	3				85	3.1				
M326504	4	220		80		5.6	2560			
M 326505	5				125	5.2	1230	180	145	
M 326506	6		60			4.9	1170		65	
M326507	7		240			5.9	2740	80	65	
M326508	8					1.5	1770			
M326509	9					5.1	1390	180	65	
M326510	10		100		40	6.9	2020	140	70	
M326511	11		240	65	65	7,6	1410	120	70	
M326512	12					1.7				Cr 60
M326513	13		400			3.6	1100	60		Sr 1160
M326514	14			55	350	11.5	1510	80		
M326515	15		80		100	5		200	45	
M326516	16				45	3.3		40		
M326517	17				60	3.9		80		Cr 70
M326518	18		60			14.6		80	45	

Table II

SAMPLE DESCRIPTION AND LOCATION

ref. #	Description	Location
1	semi-msv po	near ID post 1S,flagged
2	v.f.gr.py ?in diorite ?	near ID post 1S,flagged
3	mod'ly diss.py+po in mst.	near LCP,flagged
4	c.gr.py in arg/mst	near ID post 1W,on C620
5	fmed.gr.py in wacke	near CP 2S2W, on C620
6	f.gr.py in carb-sil altered rock	"1st"bedrock outcrop at river near CP 2W, flagged
7	<pre>med.gr.py in f.shears in bk.altered ? rock</pre>	a few meters south (upstream)from #6,"rapid"
8	3 inch cal-veinlet with sp.py	On west-side of river south from # 7, flagged
9	volcanic rock with mod.diss.po (Bonanza Group)	approx.10 meters upstream from cal.veinlet,flagged
10	sp'ly diss.po in hfls	near where claim boundary crosses the river
11	bk.aphanitic rock (maf.dyke?)+ f.gr.mag	<pre>Float, lg.square boulder (2'x 3'ft.)</pre>
12	feld-porph'tic dyke with a pink alteration mineral	near where claim line crosses the river
13	f.gr.py in qtz-carb.veinlet	near feld-porph'tic dyke
14	<pre>str'ly diss.med.gr.py in Lst ? (gy-wacke)</pre>	near CP 2S2W on C620 ,flagged
15	diabase dyke with f.gr.mag	east of CP 2S2W, flagged
16	sp'ly diss.po in hfls	south of LCP on C610spur
17	f.gr.py in mst	south of LCP on C610spur
18	sulfide mud (spring ?)	near CP2S2W, flagged

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Chemex Labs Ltd.

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

To: MIPOZ GEOLOGICAL INC.

1698 CONSTITUTION RD. BLACK CREEK, BC V9J 1G2

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Pε 'umber :1-A Tou ages 1 Certificate Date: 24-SEP-97 Invoice No. : 19743010 P.O. Number : PJG Account

Project : Comments: ATTN: MIKE BECHERER

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SAMPLE	PREP CODE	Ag ppm	A1 %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cđ ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	R %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
M326501	208 22			30	20	< 5	< 10	2.36	< 5	40	20	565	10.65	< 10	0.03	0.49	920	5	0.04	165
M326502	208 22		2.01	10	260	< 5	< 10	2.72	< 5	15	20	70	4.56	< 10	0.87	1.09	310	< 5	0.25	< 5
M326503	208 22			10	20	< 5	< 10	1.90	< 5	15	20	85	3,10	< 10		0.32	220	< 5	0.06	< 5
M326504	208 22	6 < 1		220	< 20	< 5	< 10	2.33	< 5	80	30	25	5,60		< 0.01	0.14	2560	< 5	0.04	20
M326505	208 22	6 < 1	6.07	10	< 20	< 5	< 10	6.39	< 5	15	20	125	5.16	< 10	< 0.01	1.62	1230	< 5	< 0.01	5
M326506 M326507	208 22			< 10	60	< 5	< 10	3.21	< 5	io	10	35	4.85	< 10		1.87	1170	10	0.07	< 5
M326508	208 22			< 10	240	< 5	< 10	6.13	< 5	5	10	25	5.92	< 10	0.08	2.23	2740	5	1.20	5
M326509	208 22			< 10 < 10	20 < 20	< 5 < 5	< 10 < 10	18.75 3.84	< 5 < 5	< 5 10	30 30	15 35	1.47 5.09	< 10 < 10	0.12 0.01	0.71 2.71	1770 1390	5 5	0.08	5 5
M326510	208 22			< 10	100	< 5	< 10	1.59	< 5	20	< 10	40	6.87	< 10	0.25	3.43	2020	< 5	1.14 0.33	5
N326511	208 22	6 < 1	4.38	< 10	240	< 5	< 10	0.91	< 5	65	10	65	7.56	< 10	0.60	1.12	1410	< 5	0.30	15
M326512	208 22	6 < 1		< 10	40	< 5	< 10	1.41	< 5	< 5	60	5	1.72	< 10	0.15	0.47	550	< 5	0.11	< 5
M326513	208 22	6 < 1		< 10	400	< 5	< 10	2.79	< 5	< 5	10	25	3.61	< 10	0.14	1.02	1100	< 5	0.56	< 5
M326514	208 22			10	< 20	< 5	< 10		< 5	55	30	350	11.45	< 10	0.03	1.01	1510	10	0.03	25
M326515	208 22	6 < 1	4.46	< 10	80	< 5	< 10	2.73	< 5	10	20	100	5.02	< 10	0.73	1.45	790	5	0.46	< 5
M326516	208 22	6 < 1		< 10	20	< 5	< 10		< 5	5	20	45	3.26	< 10	0.15	0.32	170	< 5	0.24	< 5
M326517 M326518	208 22	6 < 1 6 < 1		< 10 < 10	20 60	< 5 < 5	< 10 < 10		< 5 < 5	10 10	70 10	60	3,91 14,60	< 10 < 10		0.47 0.63	300 770	< 5 < 5	0.06	25
			,	1 10			. 10	0.75			10		14.00	10	0.07	0.03	,,,,		0.06	< 5



M326501

M326502

M326503

M326504

M326505

M326506

M326507

M326508

M326509

M326510

N326511

M326512

M326513

M326514

M326515

M326516

M326517

M326518

Chemex Labs Ltd. Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1

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1698 CONSTITUTION RD. BLACK CREEK, BC V9J 1G2 ...

P: Jumber :1-B To., -*ages :1 Certificate Date: 24-SEP-97 Invoice No. :19743010 P.O. Number : Account :PJG

A9743010

Project : Comments: ATTN: MIKE BECHERER

CERTIFICATE OF ANALYSIS

U V тi Τ1 W Zn PREP ₽ PЪ Sb. Sc Sr × ppm ppm ppm SAMPLE CODE ppm ppm ppm ppm pp≞ ppm ppa < 20 40 < 20 105 0.04 < 20 208 226 3800 15 < 10 < 5 20 140 < 20 50 < 20 208 226 1300 5 < 10 < 5 80 0.40 < 20 20 < 20 20 208 226 1700 < 5 < 10 < 5 35 0.22 < 20 < 20 75 < 20 < 20 20 < 20 25 208 226 2500 < 5 < 10 < 5 0.05 20 < 20 180 < 20 145 208 226 800 15 25 0.41 25 < 10 65 80 < 20 0.03 < 20 < 20 208 226 1200 < 5 < 10 < 5 80 < 20 < 20 80 < 20 65 208 226 1000 < 5 130 0.18 10 -5 15 20 20 208 226 700 < 5 < 10 < 5 340 0.06 < 20 < 20 < 20 65 208 226 1000 < 5 10 105 0.23 20 180 20 < 10 70 5 185 0.24 < 20 < 20 140 < 20 208 226 1400 10 < 5 5 190 0.28 < 20 < 20 120 < 20 70 208 226 < 10 100 < 5 20 0.09 < 20 < 20 20 < 20 208 226 300 10 < 5 35 5 35 0.15 < 20 < 20 60 < 20 208 226 400 < 5 < 10 5 1160 20 10 208 226 < 100 < 5 < 10 < 5 285 0.01 < 20 < 20 80 45 208 226 < 5 5 165 0.42 < 20 < 20 200 < 20 800 < 10 < 20 < 20 < 20 40 5 208 226 500 < 5 < 10 < 5 45 0.18 < 20 < 20 < 20 80 25 0.23 208 226 500 5 < 10 5 30 < 20 45 < 20 80 208 226 500 < 5 < 10 < 5 50 0.15 < 20

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tant Brach Par CERTIFICATION:



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To: MIPOZ GEOLOGIĆAL INC.

1698 CONSTITUTION RD. BLACK CREEK, BC V9J 1G2

Comments: ATTN: MIKE BECHERER

С	ERTIFI	CATE	A9743010			ANALYTICA	L PROCEDURES	i	
PJG)-M Project: P.O.#;	IIPOZ GEC	DLOGICAL INC.		CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION	UPPER
amples		ed to our lab printed on 24	in Vancouver, BC. I-SEP-97.	4001 4002 4003 4004 4005 4005 4007 4008	18 18 18 19 19 18 18 18 18	Ag ppm : A30 ICP package Al %: A30 ICP package As ppm: A30 ICP package Ba ppm: A30 ICP package Be ppm: A30 ICP package Bi ppm: A30 ICP package Ca %: A30 ICP package Cd ppm: A30 ICP package	ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES	1 0.01 10 5 10 0.01 5	200 15.00 50000 200000 100 50000 30.0 1000
	SAM	PLE PREPA	RATION	4009	18	Co ppm: A30 ICP package Cr ppm: A30 ICP package	icp- aes Icp- aes	5 10	50000 20000
CHEMEX CODE	NUMBER SAMPLES		DESCRIPTION	4011 4012 4013 4014 4015 4016	19 19 18 18	Cu ppm: A30 ICP package Fe %: A30 ICP package Hg ppm: A30 ICP package K %: A30 ICP package Mg %: A30 ICP package Mn ppm: A30 ICP package	ICP- AES ICP- AES ICP- AES ICP- AES ICP-AES ICP-AES	5 0.01 10 0.01 0.01 10	50000 30.0 10000 20.0 30.0 50000
208 226 3202 233	18 18 18 18	0-3 Kg crush Rock - save	o approx 150 mesh a and split entire reject digestion charge	4017 4018 4019 4020 4021 4023 4023 4024 4025 4026 4027 4028 4029 4029 4030	18 18 18 18 18 18 18 18 18 18 18 18 18	Mo ppm: A30 ICP package Na %: A30 ICP package Ni ppm: A30 ICP package P ppm: A30 ICP package Pb ppm: A30 ICP package Sb ppm: A30 ICP package Sc ppm: A30 ICP package Sr ppm: A30 ICP package T1 %: A30 ICP package U ppm: A30 ICP package V ppm: A30 ICP package V ppm: A30 ICP package Zn ppm: A30 ICP package	ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES ICP-AES	5 0.01 5 100 5 0.01 20 20 20 20 5	50000 20.0 50000 10000 10000 10000 10.00 10.00 10000 50000 50000
race lement ligesti	metals s for w on is po	in soil and hich the nit: ssibly incomp	s suitable for rock samples. ric-aqua regia lete are: Al, g, Na, Sr, Ti,						

A9743010

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Cost Statement

Summary: Total cost amounted to \$ 3516.-

Detail:

- 1. Prospecting carried out by Claim owner Mike Becherer, P.Geo at a daily rate of \$350.-Dates prospecting carried out: September 9th-10th,1997 and September 18th-21st 1997
- 2.Assessment report written by Mike Becherer, P.Geo at daily rate of \$350.-Dates report written October 1st-3rd, 1997
- 3. Other charges, Date February 16th 1997 GSC library, Vancouver, took notes of regional moss matt sampling program Memekay Area; time spent three (3) hours. Date September 16th 97 transport samples for shipment one (1) hour
- 4. Transportation used F150 truck. Round-trip Black Creek Rissa claim is 240 kilometers. Gasoline consumption 20 miles/g allon or 8 kilometers/liter. Gasoline cost/liter average \$0.60
- 5.Food

б.	As	sa	y	Co	st
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#	Date (time period)	"Activity"	daily rate	No.of days	Amount/ \$
1	910.9.97	Prospecting	\$350	2	\$ 700
1	1821.9.97	Prospecting	\$350	4	\$1400
2	13.10.97	Report writing	\$350	2.5	\$ 875
3	16.2.& 16.9.97	Other	\$350	0.5	\$ 175
4	910.9.97	Transportation	N/A	N/A	\$ 18
4	1821.9.97	Transportation	N/A	N/A	\$ 18
5	20.9.97	WhiteRiver rest.	N/A	N/A	\$ 15
6	24.9.97	Assay cost	N/A	N/A	\$ 300
6	16.9.97	Sample shipping	N/A	N/A	\$ 15
				TOTAL	\$3516

STATEMENT OF QUALIFICATION

I, Michael Becherer, of 1698 Constitution Road, Black Creek, in the Province of British Columbia, DO HEREBY CERTIFY THAT

- 1. I am a member in good standing of the ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF BRITISH COLUMBIA
- 2. I have been practicing my profession as a geologist for 16 years, since 1981 and have a total of 31 years experience in the mining industry.
- 3. None of the samples mentioned in this assessment report have been assayed by me.
- 4. Take notice that I have interest in the Rissa Claim as Claim owner

Dated at Black Creek, B.C. this 2nd day of October 1997



Michael P.E. Becherer, P. Geo

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APPENDICES

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LIST OF ABBREVIATIONS USED

LCP = Legal Corner Post CP = Corner PostID = Idendification Post C620,C610,C600 refers to logging roads diss = disseminated = massive msv = sparse sp. sp'ly = sparsely mod'ly = moderately str'ly = strongly = very v. f. = fine med. = medium с. = coarse = grained gr. porph'tic = porphyritic = pyrite ру = pyrrhotite ро = magnetite mag = calcite cal carb = carbonate qtz = quartz sil = silica feld = feldspar = argillite arg mst = mudstone hfls = hornfels = limestone Lst maf, = mafic bk = black = grey gy

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Transition between Porphyry Copper and Epithermal Environments-A look at Advanced Argillic Alteration in the Bonanza Volcanics, Abstract (Paper No.6)of the presentation of A.Panteleyev,Geological Survey Branch,British Columbia at the fourteenth district 6 CIM meeting Oct.1992,