

MINERAL TILES BRANCH
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VANCOUVER, B.C.

ASSESSMENT REPORT

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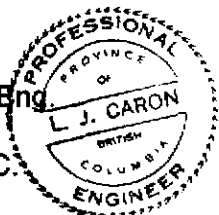
1999 GEOLOGY and ROCK SAMPLING PROGRAM

Mac Property

NTS 82L/2 E

Lat: 50° 04' 20" N
Long: 118° 32' 30" W

by:
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GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

October, 2000

26,349

TABLE OF CONTENTS

1.0	SUMMARY	Page 1
2.0	INTRODUCTION	2
2.1	Location, Access and Terrain	2
2.2	Property and Ownership	2
2.3	History	3
2.4	Summary of Work Done, August - November, 1999	3
3.0	GEOLOGY, MINERALIZATION AND STRUCTURE	4
4.0	ROCK SAMPLING	6
5.0	RECOMMENDATIONS	8
6.0	REFERENCES	9

LIST OF FIGURES

Figure 1 - Location Map	Page aft p.2
Figure 2 - Claim Map	aft p.2
Figure 3 - Regional Geology	aft p.4
Figure 4 - Drill Plan, showing Rock Sample Locations and Results	in pocket
Figure 5 - Schematic Cross Section A - A' through Mineralized Zone	aft p.5

LIST OF APPENDICES

APPENDIX 1 - Rock Sample Descriptions and Analytical Results
APPENDIX 2 - Cost Statement
APPENDIX 3 - Statement of Qualifications

1.0 SUMMARY

The Mac property is located about 55 kilometres southeast of Vernon, B.C. There is excellent road access to the claims, with the main area of work situated immediately adjacent to Highway 6, some 85 km east from Vernon. The property consists of six 2-post mineral claims owned by John Kemp and Linda Caron. This report summarizes the results of prospecting, rock sampling, compilation and petrographic work completed on the claims during 1999.

The Mac Property was staked to cover a known gold occurrence near McIntyre Lake (Minfile 082LSE017). A shallow dipping mineralized shear zone occurs on the property, ranging up to about 15 metres in width. Mineralization occurs in a complex zone of faulting and dyking hosted within fresh granodiorite of probable Cretaceous age. The zone has been tested by trenching on surface, where it has returned up to an average of 0.124 oz/t Au over a 12 metre wide zone. Down dip from this, drilling has returned a number of good intersections, including:

ddh 83-6	10.2 m @ 0.3 oz/t Au
ddh 88-30	13 m @ 0.47 oz/t Au

The mineralized zone has a strike length of perhaps 50-75 metres, before being truncated by steep north trending faults on both the east (at surface) and west (at depth). There has been essentially no effort to attempt to find the faulted extension of the mineralized zone to the northeast or southwest.

Mineralization consists of pyrite, arsenopyrite and quartz-carbonate veinlets in an intensely altered (clay + gouge) shear zone in a possible pendant of older volcanics (or younger dyke material?) within fresh granodiorite. The shear trends northeast and dips to the west at about 30-45°. Both the granodiorite and the altered shear zone are cut by trachyte and biotite lamprophyre dykes. The dykes and the granodiorite may be altered within the mineralized shear. The extent of alteration and abundance of syn- and post-mineral faulting within the mineralized zone makes identification of the mineralized host difficult, and previous workers have widely differing descriptions of both the host to the mineralization and the timing of the mineralization.

Rock sampling was done of a variety of rock and alteration types to better understand the nature of known mineralized shear zone on the Mac property. Samples from the shear zone returned a maximum of 27.9 g/t Au and 37.2 g/t Ag. Gold shows a strong geochemical association with silver, arsenic, antimony and mercury.

A program of detailed surface mapping, in conjunction with re-logging the drill holes (with an emphasis on structure and on understanding the dykes and volcanic? units within the granodiorite) is recommended. Mapping should attempt to determine the offset on the bounding faults, with the goal of identifying drill or trench targets to test for the offset mineralized zone to the east and west of the area of known mineralization.

2.0 INTRODUCTION

2.1 Location, Access and Terrain

Work described in this report was done on the Mac property, located about 55 kilometres southeast of Vernon, B.C. (see Figure 1). Access to the property is east from Vernon on Highway 6 for 85 km, to the McIntyre Lake. The main area of mineralization is situated immediately west of the highway, about 750 south of the south end of the lake.

The claims straddle the northeast trending McIntyre Creek valley. Elevations range from about 1200 metres in the valley bottom, in the southeastern portion of the property, to about 1400 metres in the northwestern portion of the property. The known area of mineralization and essentially all the previous work on the property has been on the northwest side of the McIntyre Creek valley (northwest of the highway). The topography in this area is moderate to steeply southeast sloping, with numerous steep southeast flowing drainages, in deeply incised gullies. Generally the area is heavily forested. Minor patchy logged areas are present.

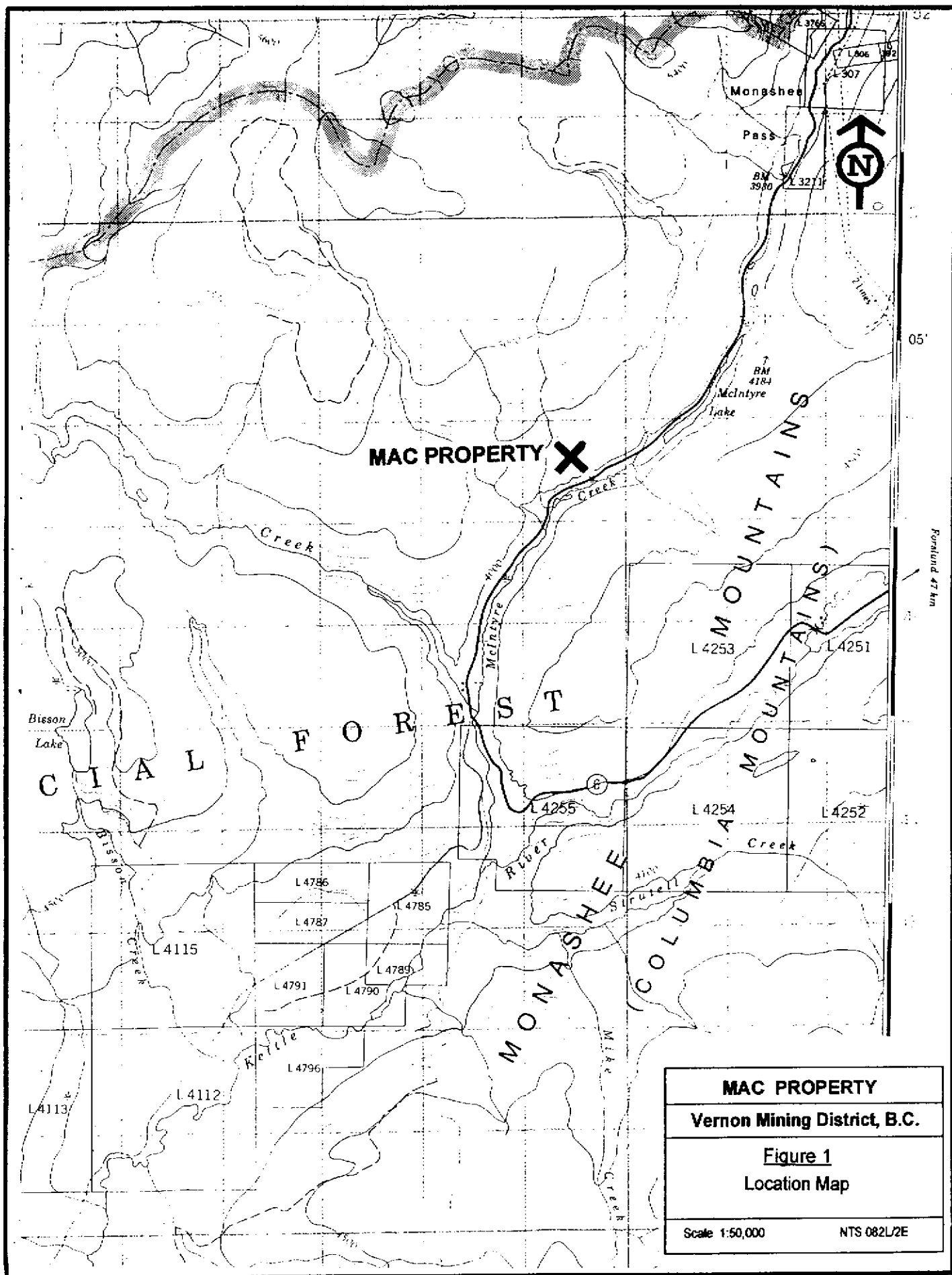
The climate is moderately wet, although generally quite mild. Snowfall is heavy, typically in the order of 2 - 3 metres. There is abundant water on the property for drilling, from the decline (now flooded) or from numerous creeks or ponds.

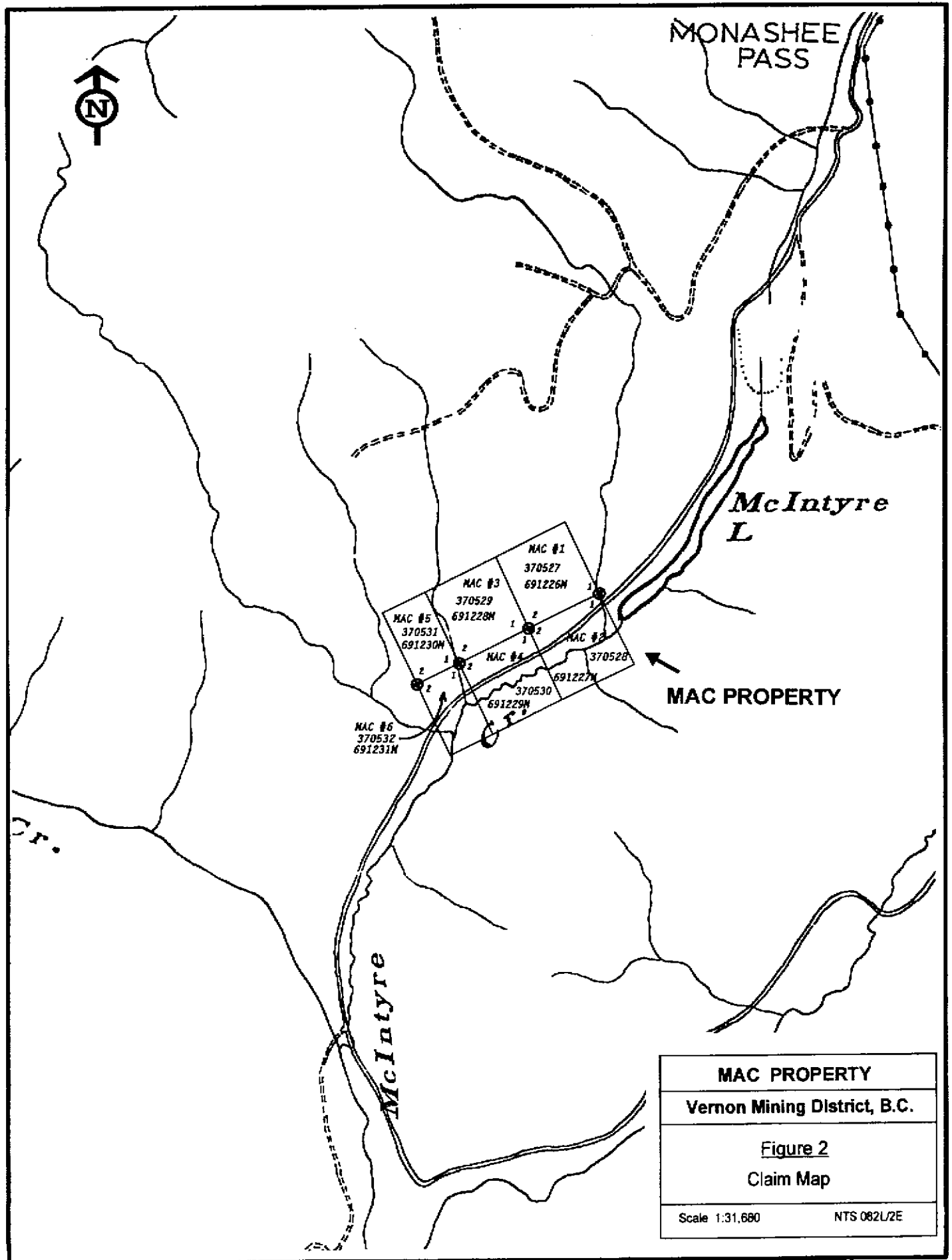
2.2 Property and Ownership

The Mac property consists of six 2-post mineral claims, as shown in Figure 2 and summarized below. The claims are owned 50% by John Kemp and 50% by Linda Caron.

<u>Claim Name</u>	<u>Tenure Number</u>	<u>Units</u>	<u>Expiry Date</u>
Mac # 1	370527	1	July 29, 2002
Mac # 2	370528	1	July 29, 2002
Mac # 3	370529	1	July 29, 2002
Mac # 4	370530	1	July 29, 2002
Mac # 5	370531	1	July 29, 2002
Mac # 6	370532	1	July 29, 2002

Expiry dates listed are after acceptance of this report.





2.3 History

Mineralization on the Mac property was discovered in the late 1960's, and the property was optioned to New Cinch Uranium in 1973. New Cinch Uranium completed a program of backhoe trenching and drilled 6 holes before dropping the option in 1974.

Brican Resources optioned the property in 1980, and during the period 1980-83 completed soil and rock sampling, ground geophysics (mag), trenching and drilling (6 holes). One drill hole (83-6) returned 10.2 m averaging 0.3 oz/t Au. The property was then optioned by Brican to Kerr Addison who drilled 13 holes in 1984, before returning the claims to Brican. Brican drilled a further 8 holes in 1986, before relinquishing the option on the property.

In 1988 the claims were optioned by Commonwealth Gold Corp who completed additional ground geophysics (VLF, IP), and drilled 13 holes. Highlights of the drill program were:

ddh 88-28	2.8 m	@ 0.23 oz/t Au
ddh 88-29	11.7 m	@ 0.13 oz/t Au
ddh 88-30	13 m	@ 0.47 oz/t Au

Commonwealth Gold then undertook to drive a decline into the mineralized zone, aiming to hit the zone in the vicinity of the 88-30 drill hole intercept. At the base of the decline, the mineralized zone averaged 10 metres in width and returned an average grade of about 0.42 oz/t Au.

The claims were allowed to lapse in the late 1990's. The current claims were acquired by staking by the present owners in the summer of 1999.

2.4 Summary of Work Done, August - November, 1999

Several days were spent prospecting, sampling and compiling previous data on the Mac property during the period Aug 1, 1999 to Nov 15, 1999. Prospecting and rock sampling was done by Linda Caron and John Kemp, as well as by several industry geologists examining the property with the property owners. For the purposes of this report, only one day of work each by L. Caron and J. Kemp has been included in the Cost Statement and filed with the Notice of Work. The balance of the expenditure filed is analytical costs related to the samples collected.

A total of thirteen rock samples were collected and sent either to Chemex Labs in Vancouver or to EcoTech Labs in Kamloops for preparation and analysis. Analysis was for 31 element ICP plus gold by 30 gram Fire Geochem, AA finish. One sample was submitted for whole rock analysis, and two samples were sent to the Cominco Research Lab for petrographic examination.

3.0 GEOLOGY, MINERALIZATION AND STRUCTURE

The geology of the area east of Vernon is described by Jones (1959) and is shown on Figure 3. In the vicinity of the Mac property, the area is underlain by a large body of granodiorite belonging to the Jurassic/Cretaceous Nelson plutonic complex. North of the claims, the granodiorite has intruded sediments and volcanics of the Paleozoic Cache Creek and Upper Triassic Nicola Groups. Remnants of these rocks are also seen within the granodiorite. The Paleozoic and Mesozoic rocks rest unconformably on intensely deformed metamorphic rocks (gneisses, schists and amphibolites) which comprise the Monashee Group basement complex.

To the west and east of the claims, the Nelson intrusive rocks are bounded by the Monashee Group rocks. Locally, the above units are unconformably overlain by Eocene to Oligocene Kamloops Group volcanics and volcanoclastics.

The Mac Property covers a known gold occurrence near McIntyre Lake (Minfile 082LSE017). A shallow dipping mineralized shear zone occurs on the property, ranging up to about 15 metres in width. Mineralization occurs in a complex zone of faulting and dyking hosted within fresh granodiorite as shown on Figures 4 and 5.

Mineralization consists of pyrite, arsenopyrite and quartz-carbonate veinlets in an intensely altered (clay + gouge) shear zone in a possible remnant of older volcanics (or younger dyke material?) within fresh granodiorite. The shear trends northeast and dips to the west at about 30-45°. Both the granodiorite and the altered shear zone are cut by trachyte and biotite lamprophyre dykes. The dykes and the granodiorite may be altered within the mineralized shear. The extent of alteration and abundance of syn- and post-mineral faulting within the mineralized zone makes identification of the mineralized host difficult, and previous workers have widely differing descriptions of both the host to the mineralization and the timing of the mineralization. Some workers feel mineralization is hosted in dykes, others in volcanics. Some suggest that mineralization is Tertiary, post-dating the intrusion of biotite lamprophyre dykes. Alternately, alteration of these dykes may be a late event, distinct from an earlier mineralizing event.

The zone has been tested by trenching on surface, where it has returned up to an average of 0.124 oz/t Au over a 12 metre wide zone. Down dip from this, drilling has returned a number of good intersections, including:

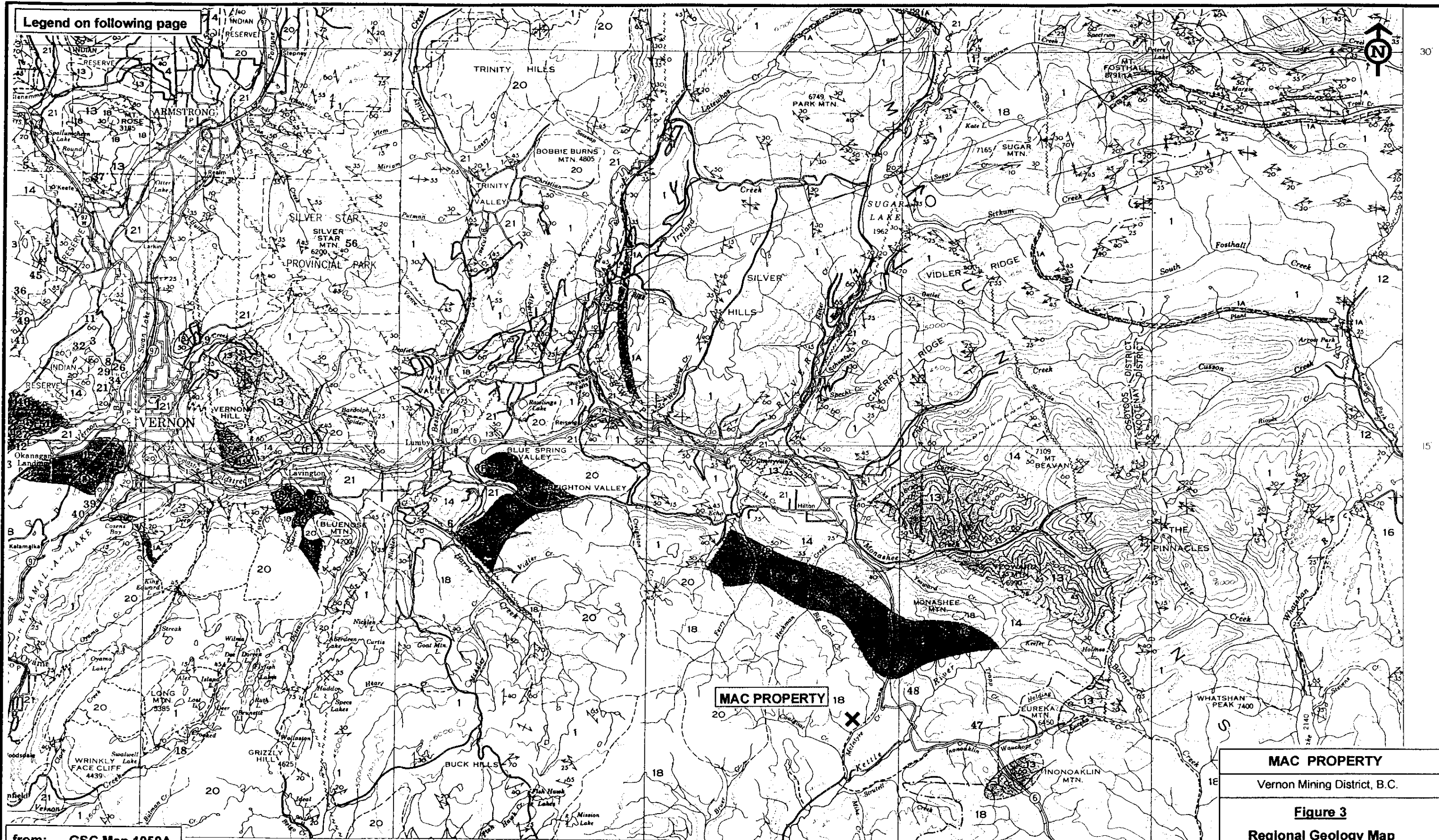
ddh 83-6 10.2 m @ 0.3 oz/t Au

ddh 88-30 13 m @ 0.47 oz/t Au

The mineralized zone has a strike length of perhaps 50-75 metres, before being truncated by steep north trending faults (left lateral movement?) on both the east (at surface) and west (at depth). Essentially all previous work has been in the central block, labeled as Block B on Figures 4 and 5. There has been essentially no effort to attempt to find the faulted extension of the mineralized zone to the northeast (Block C) or southwest (Block A). The zone should surface in Block C, while in Block A it will be a buried target.

A total of 46 holes have been drilled on the property, as shown on Figure 4. Note that all 46 drill holes are within an area of less than 225 x 125 metres in size (ie. essentially all test the mineralization within Block B, shown on the accompanying map (Figure 4) and section (Figure

Legend on following page



from: GSC Map 1059A
Jones (1959)

119°00'

45'

30'

15'

MAC PROPERTY

Vernon Mining District, B.C.

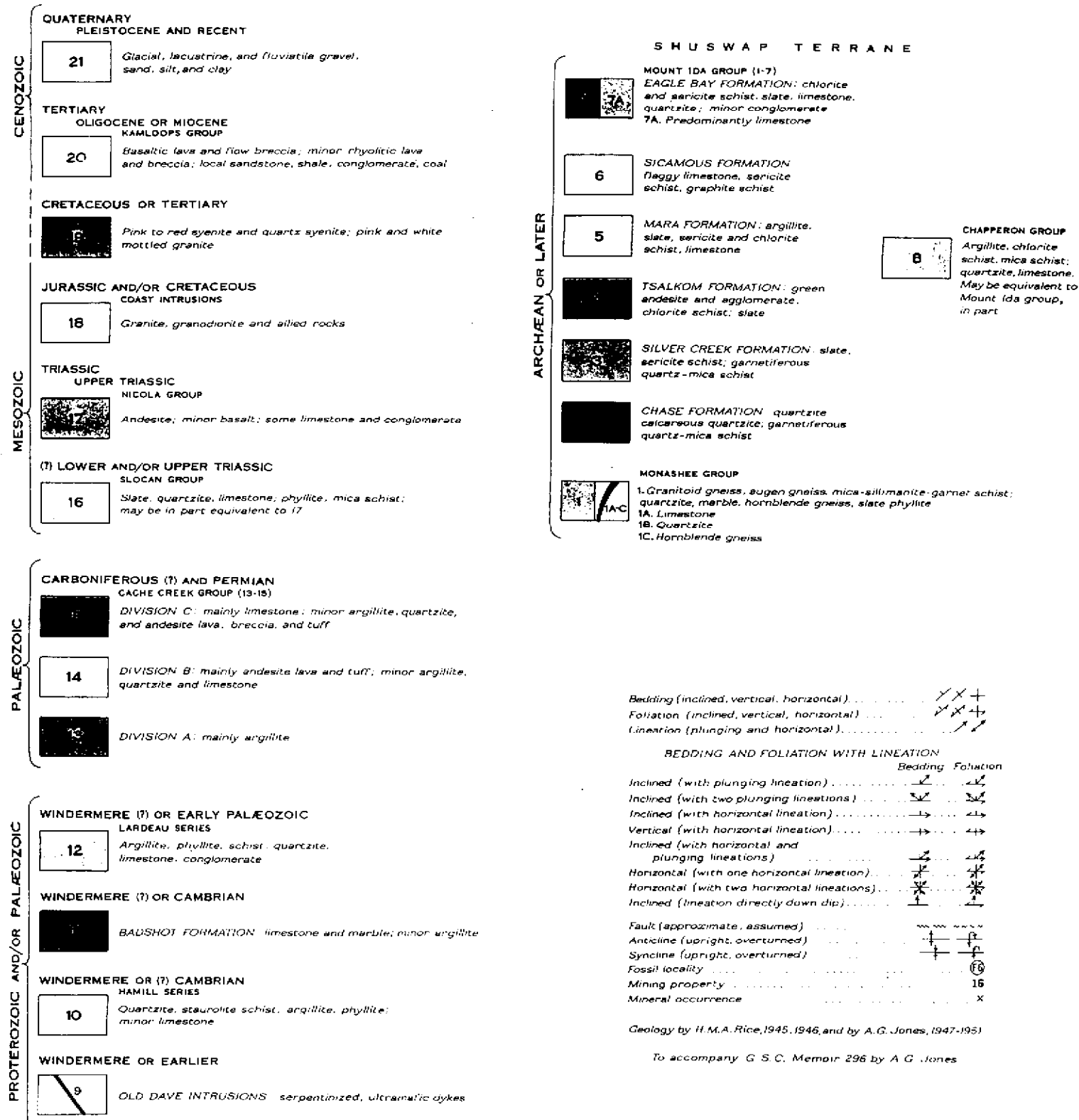
Figure 3

Regional Geology Map

Scale 1:250,000

NTS 82L

Legend to Accompany Figure 3



from: GSC Map 1059A
Jones (1959)

5). Furthermore, 34 of the 46 holes are within an area that measures less than 100 x 50 metres in size. The decline tests the mineralized zone within this same small area.

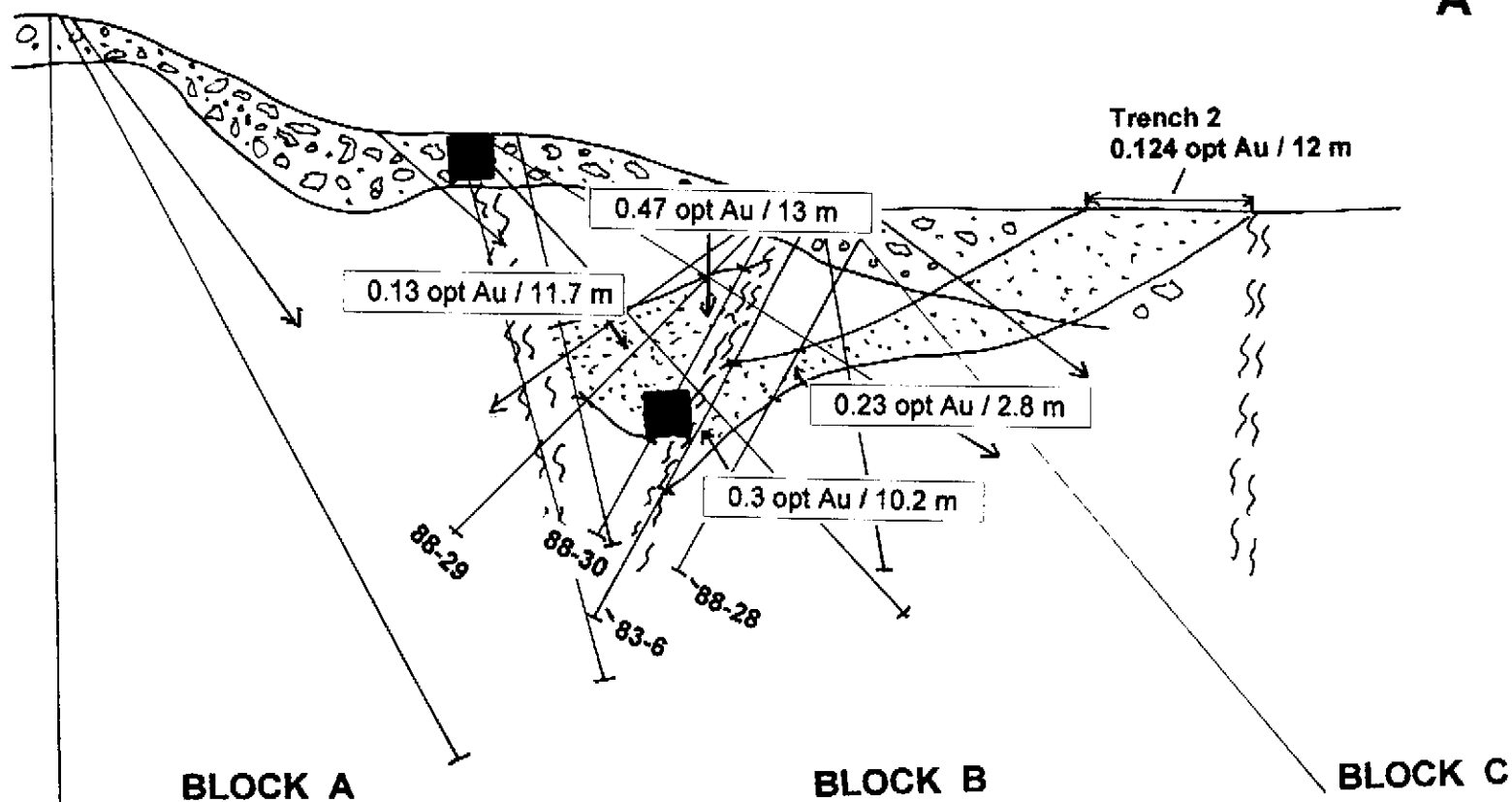
There has been little attempt to determine the extent of offset on these faults. This may be possible by careful mapping, paying particular attention to dykes, which are also in some cases offset by the faults. A number of relatively flat structures have been observed both on surface and underground. The timing of these and their effect on the mineralized zone is unknown.

A program of detailed surface mapping, in conjunction with re-logging the drill holes (with an emphasis on structure) would be a good first step at understanding the offsets to the mineralized zone, and identifying drill or trench targets within Blocks A and C. The exploration target is a zone in the order of 10-15 metres in width, with an average grade of 0.3-0.5 oz/t Au. To the west, in Block A, the zone will be buried and hence geophysical or geochemical methods will be of little use in identifying targets. In Block C, the zone should surface. Two anomalous gold-in-soil sites (100 ppb Au and 370 ppb Au) may be a further indication of mineralization in Block C, and should be followed up.

Mapping and core logging should also attempt to better understand the nature of the mineralized zone. Questions exist regarding both the host rock to the mineralization, and the timing of the mineralization.

A

A'



Looking North

MAC PROPERTY

Vernon Mining District, B.C.

Figure 5

Schematic Cross Section A - A'
through Mineralized Zone

4.0 ROCK SAMPLING

Thirteen rock samples were collected from the Mac property, as shown on Figure 4. Rock sample descriptions are contained in Appendix 1.

Samples were shipped either to Chemex Labs in Vancouver or to EcoTech Labs in Kamloops for preparation and analysis (31 element ICP plus gold by 30 gram Fire Geochem, AA finish). Four samples had Au and Ag assay only, while one had whole rock analysis in addition to Au + 31 element ICP. Analytical results are contained in Appendix 1. Two samples were submitted for petrographic examination at Cominco's Research Lab in Vancouver. The thin section description for these samples are also contained in Appendix 1.

Analytical results for select elements are listed in the following table, and shown in Figure 4.

<u>Sample #</u>	<u>Au</u> <u>(ppb)</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(ppm)</u>	<u>As</u> <u>(ppm)</u>	<u>Sb</u> <u>(ppm)</u>
Top 99-01	-	10.24	5.8	>10,000	74
Top 99-02	15	-	<0.2	32	<2
Top 99-03	25	-	<0.2	25	<5
Top 99-04	-	27.9	37.2	>10,000	100
Top 99-05	30	-	<0.2	40	10
Top 99-06	10	-	0.6	15	<5
Top 99-07	-	22.55	12	>10,000	225
Top 99-08	340	-	0.8	455	5
7701	-	3.06	18.6	>10,000	-
R9912034	-	5.02	10.3	-	-
R9912035	-	2.58	17.3	-	-
R9912036	-	21.33	32.6	-	-
R9912037	66	-	0.6	-	-

Rock sampling was done of a variety of rock and alteration types to better understand the nature of the known mineralized shear zone on the Mac property. Samples Top99-7, 7701 and 12035 were collected from fine grained, pyritic rock from the shear zone at surface, from Trench 2, and returned up to 22.55 g/t Au and 18.6 g/t Ag. The shear zone also showed anomalous arsenic (>10,000 ppm As) and antimony (225 ppm Sb).

A number of samples were collected from the zone at depth, from material from the decline dump (Top99-01, 12034), or from drill core (Top99-04, 12036). Again, gold content was high, to a maximum of 27.9 g/t Au. As with samples from surface, silver, arsenic and antimony were also anomalous from the zone (to 37.2 g/t Ag, >10,000 ppm As, 100 ppm Sb). Mercury was also elevated (120 ppm Hg in sample Top99-01).

Several samples were collected from variably altered granodiorite and from quartz vein material (+/- pyrite) both in the vicinity of the mineralized shear, and elsewhere on the property. Elevated gold (to 340 ppb Au) and arsenic (455 ppm) was returned from sample Top99-8, collected from strongly clay altered granodiorite near the mineralized shear (decline dump). No other samples showed anomalous results.

Gold shows a strong geochemical association with silver, arsenic, antimony and mercury. All samples which showed significantly elevated gold were fine grained pyritic material, similar to 12034, which seems to have a volcanic protolith. The nature of this rock type is not well understood. It may represent a pendant of older volcanics within the granodiorite, or alternately may represent a fine grained dyke cutting the intrusive rocks. Further detailed mapping and petrographic work are recommended to better understand the host rock to the mineralization.

6.0 RECOMMENDATIONS

A program of detailed surface mapping, in conjunction with re-logging drill core, is recommended. The mapping and core logging program should focus on understanding the structural geology in the vicinity of the mineralized zone, as well as providing a better understanding of the nature of the various dykes and possible volcanic units within the granodiorite.

The mineralized zone has been well tested within the main mineralized block (Block B). It is truncated by steep north trending faults on both the west and east, and there has been little attempt to locate the offset mineralized zone either east or west of the main zone. Mapping should attempt to determine the offset on the bounding faults, with the goal of identifying drill or trench targets within Blocks A and C. To the west, in Block A, the zone will be buried and hence geophysical or geochemical methods will be of little use in identifying targets. In Block C, the zone should surface. Two anomalous gold-in-soil sites (100 ppb Au and 370 ppb Au) may be a further indication of mineralization in Block C, and should be followed up.

7.0 REFERENCES

Minfile 082LSE017 - Top

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APPENDIX 1

Rock Sample Descriptions and Analytical Results

SAMPLE LOCATIONS AND DESCRIPTIONS

Sample #	UTM Coordinates	Sample Description
Top 99-01	~ 389500 E ~ 5547500 N	Decline dump. Grab of dark grey, fine grained, strongly clay alt'd py rich boulder from minz'd zone. 5-10% fine diss py, minor 2-5 mm qtz vnls.
Top 99-02	~ 389500 E ~ 5547500 N	Decline dump. Grab of unalt'd granodiorite intrusive for whole rock assay and trace element suite. Med grained massive granodiorite, qtz + 2 fsp, mafics chl-py alt'd. Rel fresh.
Top 99-03	389836 E 55474050 N	Qtz vn in granodiorite in Highway roadcut. Vn trends 315/40 SW, 10-20 cm wide, par to jointing in intrusive, minor diss py, particularly on vn selvages. Minor parallel qtz vnls.
Top 99-04	~ 389500 E ~ 5547500 N	Resample first row ~8.5 – 9.75m, Box 2 ddh 88-30 (1.06 oz/t Au in drill logs), part of 13 m @ 0.47 oz/t Au intercept. Fine grained, grey pyritic diorite? dyke – not trachyte. Finer grained, more mafic phase than granodiorite.
Top 99-05	~ 390500 E ~ 5548500 N	On old skid trail ~ 1 km NW of old camp. Rusty fine grained limey float with qtz vnls and 5% fine py flood.
Top 99-06	~ 389500 E ~ 5547500 N	Chip across shear zone at portal to decline. Shear on NE side of portal, 3 m wide, trends 030/75 E, clay alt'd coarse grained granodiorite. Shear looks unmineralized. This is shear that terminates mineralized zone on west side.
Top 99-07	~ 389500 E ~ 5547500 N	Sample of minz'd zone from Trench 2 area. Trench is filled and zone is not exposed, but several mineralized boulders are still on surface. Fine grained, grey, pyritic material.
Top 99-08	~ 389500 E ~ 5547500 N	Sample of clay alt'd granular granodiorite with diss py from decline dump.



Chemex Labs Ltd.

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Comments: ATTN: LINDA CARON FAX: JOHN KEMP

Page Number : 1-A
Total Pages : 1
Certificate Date: 09-AUG-1999
Invoice No. : 19924106
P.O. Number :
Account : PVL

CERTIFICATE OF ANALYSIS

A9924106

SAMPLE	PREP CODE	Au ppb FA+AA	Au FA g/t	Au ppb AFS	Pt ppb AFS	Pd ppb AFS	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm
HECK 99-01	205 226	< 5	---	---	---	---	< 0.2	1.92	< 2	< 10	< 10	< 0.5	< 2	< 0.19	< 0.5
HECK 99-02	205 226	30	---	---	---	---	1.2	0.66	28	< 10	25	< 0.5	< 2	0.12	< 0.5
HECK 99-03	205 226	10	---	---	---	---	0.2	1.01	12	< 10	60	< 0.5	< 2	2.00	< 0.5
HECK 99-04	205 226	25	---	---	---	---	0.2	2.16	< 2	< 10	40	< 0.5	< 2	< 0.01	< 0.5
HECK 99-05	205 226	5	---	---	---	---	< 0.2	0.15	2	< 10	< 10	< 0.5	< 2	0.06	< 0.5
HECK 99-06	205 226	5	---	---	---	---	0.8	0.86	< 2	< 10	40	< 0.5	< 2	0.07	< 0.5
HECK 99-07	205 226	< 5	---	< 2	10	---	< 0.2	0.25	< 2	< 10	3	< 0.5	< 2	1.36	< 0.5
HECK 99-08	205 226	5	---	---	---	---	0.2	5.4	6	< 10	20	< 0.5	< 2	2.98	< 0.5
AV 99-01	205 226	< 5	---	---	---	---	< 0.2	0.07	12	< 10	< 10	< 0.5	< 2	0.71	< 0.5
AV 99-02	205 226	440	---	---	---	---	7.5	0.27	32	< 10	100	< 0.5	< 2	0.03	< 0.5
AV 99-03	205 226	< 5	---	---	---	---	0.2	0.04	< 2	< 10	10	< 0.5	< 2	0.78	< 0.5
AV 99-04	205 226	< 5	---	---	---	---	< 0.2	0.14	98	< 10	60	< 0.5	< 2	>15.00	< 0.5
AV 99-05	205 226	15	---	---	---	---	1.6	0.10	62	< 10	60	< 0.5	< 2	0.12	< 0.5
AV 99-06	205 226	40	---	---	---	---	0.2	0.50	16	< 10	60	< 0.5	< 2	0.75	< 0.5
AV 99-07	205 226	120	---	---	---	---	1.4	0.63	20	< 10	50	< 0.5	< 2	0.07	< 0.5
AV 99-08	205 226	5	---	---	---	---	< 0.2	0.24	12	< 10	2	< 0.5	< 2	0.23	< 0.5
TOP 99-01	205 226	>10000	10.24	---	---	---	5.8	0.62	>10000	< 10	40	< 0.5	< 2	1.07	< 0.5
TOP 99-02	205 226	15	---	---	---	---	< 0.2	0.94	32	< 10	40	< 0.5	< 2	0.71	< 0.5
VR 99-01	205 226	15	---	---	---	---	2.7	1.22	16	< 10	40	< 0.5	< 2	0.02	< 0.5
VR 99-02	205 226	15	---	---	---	---	2.7	1.22	16	< 10	40	< 0.5	< 2	0.02	< 0.5
VR 99-03	205 226	5690	---	---	---	---	7.8	0.93	32	< 10	< 10	< 0.5	< 2	0.38	< 0.5
VR 99-04	205 226	780	---	---	---	---	29.8	0.98	< 2	< 10	< 10	< 0.5	< 2	0.51	1.0

CERTIFICATION:



Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS

A9924106

SAMPLE	PREP CODE	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm
HECK 99-01	205 226	12	31	27	3.48	< 10	10	0.01	< 10	1.84	755	4	0.03	6	410
HECK 99-02	205 226	3	43	45	3.60	< 10	30	0.10	< 10	1.00	23	6	0.01	3	300
HECK 99-03	205 226	16	26	42	2.55	< 10	< 10	0.27	< 10	1.69	895	1	0.01	11	390
HECK 99-04	205 226	8	43	37	2.91	< 10	< 10	0.13	< 10	1.15	590	9	0.03		190
HECK 99-05	205 226	5	19	10	0.51	< 10	< 10	0.01	< 10	0.10	130	< 1	< 0.01	6	120
HECK 99-06	205 226	7	18	48	4.51	< 10	190	0.12	< 10	0.52	210	6	0.04	8	470
HECK 99-07	205 226	16	109	37	4.03	< 10	< 10	0.12	< 10	0.93	285	1	0.14	22	760
HECK 99-08	205 226	13	38	237	1.19	< 10	< 10	0.04	< 10	0.96	95	1	0.11	17	260
AV 99-01	205 226	5	191	30	0.93	< 10	< 10	< 0.01	< 10	0.05	100	1	< 0.01	7	100
AV 99-02	205 226	4	55	14	2.89	< 10	270	0.10	< 10	0.03	5	15	0.05	1	110
AV 99-03	205 226	15	215	38	2.11	< 10	< 10	0.01	< 10	0.01	290	1	0.01	1	100
AV 99-04	205 226	28	5	6	0.70	< 10	10	0.01	< 10	0.73	3140	< 1	0.01	92	110
AV 99-05	205 226	4	85	7	4.53	< 10	50	0.21	10	1.02	125	3	< 0.01	4	940
AV 99-06	205 226	1	47	9	2.07	< 10	0	0.22	< 10	0.04	120	< 1	0.11	5	1060
AV 99-07	205 226	6	58	23	4.83	< 10	160	0.25	< 10	0.01	30	1	0.05	4	230
AV 99-08	205 226	1	113	1	0.52	< 10	< 10	0.04	< 10	0.03	155	< 1	< 0.01	3	100
MCA 99-01	205 226	< 1	72	3	0.85	< 10	< 10	0.10	90	0.03	405	2	0.05	1	140
TOP 99-01	205 226	25	67	20	3.92	< 10	120	0.33	10	0.05	90	3	< 0.01	105	3210
TOP 99-02	205 226	4	85	11	1.89	< 10	< 10	0.17	10	0.51	670	< 1	0.06	3	590
VR 99-01	205 226	100	70	77	13.85	< 10	< 10	0.05	< 10	0.03	55	365	< 0.01	4	200
VR 99-02	205 226	25	37	155	3.15	< 10	< 10	0.11	90	1.04	345	110	0.01	85	270
VR 99-03	205 226	100	90	855	18.83	< 10	< 10	0.53	< 10	0.67	280	1705	< 0.01	46	770
VR 99-04	205 226	100	60	1000	15.00	< 10	< 10	0.04	< 10	0.00	155	2510	< 0.01	80	100

CERTIFICATION:



Chemex Labs 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: CARON, LINDA

PO BOX 2493
GRAND FORKS, BC
V0H 1H0

Project:

Comments: ATTN: LINDA CARON FAX: JOHN KEMP

Page Number : 1-C
Total Pages : 1
Certificate Date: 09-AUG-1999
Invoice No. : 19924106
P.O. Number :
Account : PVL

CERTIFICATE OF ANALYSIS

A9924106

SAMPLE	PREP CODE	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm			
HECK 99-01	205 226	2	0.08	< 2	3	1	0.01	< 10	< 10	34	< 10	68			
HECK 99-02	205 226	366	0.01	< 2	1	7	< 0.01	< 10	< 10	15	< 10	242			
HECK 99-03	205 226	4	0.82	< 2	1	36	< 0.01	< 10	< 10	11	< 10	80			
HECK 99-04	205 226	12	0.90	< 2	1	7	0.01	< 10	< 10	25	< 10	82			
HECK 99-05	205 226		0.01	< 2	< 1	2	0.01	< 10	< 10	3	< 10				
HECK 99-06	205 226	42	0.11	< 2	1	15	0.03	< 10	< 10	2	< 10	46			
HECK 99-07	205 226	< 2	0.02	< 2	8	33	0.18	< 10	< 10	204	< 10	28			
HECK 99-08	205 226	< 2	2.20	< 2	6	42	0.10	< 10	< 10	119	< 10	22			
LAV 99-01	205 226	2	0.24	< 2	< 1	51	< 0.01	< 10	< 10	4	< 10				
LAV 99-02	205 226	108	1.28	50	< 1	9	< 0.01	< 10	< 10	4	< 10				
LAV 99-03	205 226	2	0.05	< 2	< 1	29	< 0.01	< 10	< 10	1	< 10	24			
LAV 99-04	205 226	< 2	0.34	< 2	< 1	25	< 0.01	< 10	< 10	4	< 10	28			
LAV 99-05	205 226	16	0.15	< 2	1	6	< 0.01	< 10	< 10	6	< 10	180			
LAV 99-06	205 226	28	0.12	< 2	< 1	3	< 0.01	< 10	< 10	3	< 10				
LAV 99-07	205 226	114	2.13	< 2	< 1	28	< 0.01	< 10	< 10	4	< 10	92			
LAV 99-08	205 226	4	0.01	< 2	1	68	< 0.01	< 10	< 10	4	< 10	18			
TOP 99-01	205 226	16	3.19	74	3	95	< 0.01	< 10	< 10	10	< 10	96			
TOP 99-02	205 226	< 2	0.01	< 2	2	52	0.06	< 10	10	32	< 10	62			
VE 99-01	205 226	23	0.08	< 2	4	10	0.01	< 10	< 10	4	< 10	6			
VE 99-02	205 226	1	1.40	< 2	4	110	< 0.01	< 10	< 10	90	< 10	72			
VE 99-03	205 226	2	> 5.00	< 2	6	14	0.05	< 10	< 10	127	< 10	40			
VE 99-04	205 226	10	> 5.00	< 2	5	18	< 0.01	< 10	< 10	78	< 10	38			

CERTIFICATION:

Et#	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
22	TOP99-3R	25	<0.2	0.09	25	10	<5	0.04	<1	5	208	4	1.48	<10	<0.01	127	6	<0.01	8	80	4	<5	<20	3	<0.01	<10	2	<10	<1	<1
23	TOP99-4R	>1000	>30	0.41	>10000	45	10	1.56	193	43	59	55	6.16	10	0.17	912	6	<0.01	178	4300	34	100	<20	96	<0.01	<10	13	<10	6	164
24	TOP99-5R	30	<0.2	2.21	40	90	<5	3.46	<1	24	70	243	3.54	<10	1.42	782	<1	0.10	49	1260	26	10	<20	97	0.10	<10	116	<10	17	49
25	TOP99-6R	10	0.6	1.36	15	60	15	0.11	<1	14	173	19	3.16	<10	0.69	377	11	<0.01	12	500	18	<5	<20	<1	<0.01	<10	58	<10	<1	31
26	CV99-1R	5	<0.2	0.77	5	65	5	0.19	<1	5	89	8	1.42	10	0.22	538	3	0.02	8	290	22	<5	<20	20	0.02	<10	20	<10	14	40
27	CV99-10R	20	0.8	0.13	55	15	<5	0.03	3	2	224	4	0.77	<10	<0.01	90	4	<0.01	6	160	22	<5	<20	1	<0.01	<10	3	<10	<1	82
28	CV99-20R	5	<0.2	0.37	5	20	5	2.13	<1	11	81	33	2.40	<10	0.24	255	1	0.03	16	820	10	15	<20	15	0.10	<10	25	<10	32	25

QC DATA:

Resplit:

1	CV99-1R	<5	<0.2	0.77	<5	65	5	0.20	<1	5	83	9	1.45	10	0.23	566	3	0.02	8	290	20	<5	<20	20	0.02	<10	21	<10	16	36
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Repeat:

1	CV99-1R	5	<0.2	0.73	5	65	5	0.19	<1	5	89	8	1.42	10	0.22	538	3	0.02	8	290	22	<5	<20	20	0.02	<10	20	<10	14	40
10	CV99-10R	20	0.8	0.13	55	15	<5	0.03	3	2	224	4	0.77	<10	<0.01	90	4	<0.01	6	160	22	<5	<20	1	<0.01	<10	3	<10	<1	82
19	CV99-20R	5	<0.2	0.37	5	20	5	2.13	<1	11	81	33	2.40	<10	0.24	255	1	0.03	16	820	10	15	<20	15	0.10	<10	25	<10	32	25

Standard:

GEO'99		120	1.4	1.73	65	170	15	1.88	1	21	64	86	3.86	<10	0.98	716	<1	0.02	22	760	22	5	<20	58	0.11	<10	77	<10	8	76
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df/347
XLS/99

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

16-Sep-99

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 99-473

LINDA CARON
BOX 2493
GRAND FORKS, BC
V0H 1H0

Phone: 250-573-5700
Fax : 250-573-4557

ATTENTION: LINDA CARON

No. of samples received: 11
Sample type: Rock
PROJECT #: CV
SHIPMENT #: None Given
Samples submitted by: L. Caron

Values in ppm unless otherwise reported

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	CV99-23	5	2.1	0.07	<5	<5	<5	0.02	3	<1	203	5	0.36	<10	0.01	123	4	<0.01	5	<10	832	<5	<20	<1	<0.01	<10	<1	<10	<1	>10000
2	CV99-24	<5	0.6	0.68	<5	60	<5	0.35	<1	25	183	466	8.41	<10	0.26	244	17	0.02	13	30	130	<5	<20	9	0.04	<10	51	310	<1	78
3	CV99-25	15	8.4	0.37	15	25	<5	0.13	3	3	293	10	1.22	<10	0.16	102	22	<0.01	9	240	2094	<5	<20	3	<0.01	<10	7	<10	<1	363
4	CV99-26	10	0.4	0.18	25	2	10	0.92	<1	5	67	5	1.82	<10	0.45	209	10	<0.01	6	610	132	<5	<20	29	<0.01	<10	12	<10	7	71
5	CV99-27	55	1.6	0.83	10	230	<5	0.48	<1	12	190	14	2.38	<10	0.72	526	8	<0.01	48	600	148	<5	<20	9	0.01	<10	31	<10	13	71
6	CV99-28	20	0.2	0.43	25	35	<5	0.03	<1	1	70	2	1.23	<10	<0.01	94	4	<0.01	6	160	34	<5	<20	<1	<0.01	<10	2	<10	6	37
7	CV99-29	<5	<0.2	0.39	15	85	<5	3.13	<1	3	85	4	1.88	<10	0.10	953	6	0.02	3	740	46	<5	<20	135	<0.01	<10	10	<10	11	51
8	CV99-30	45	0.4	0.47	75	40	<5	1.8	<1	2	87	9	1.91	<10	<0.01	119	8	<0.01	3	080	94	<5	<20	<1	<0.01	<10	5	<10	11	36
9	CV99-31	>1000	12.0	0.13	>10000	30	5	1.99	228	19	141	33	4.89	<10	0.45	573	9	<0.01	56	600	36	225	<20	111	<0.01	<10	6	<10	<1	88
10	CV99-32	>1000	12.0	0.13	>10000	30	5	1.99	228	19	141	33	4.89	<10	0.45	573	9	<0.01	56	600	36	225	<20	111	<0.01	<10	6	<10	<1	88
11	TOP99-7	>1000	12.0	0.13	>10000	30	5	1.99	228	19	141	33	4.89	<10	0.45	573	9	<0.01	56	600	36	225	<20	111	<0.01	<10	6	<10	<1	88

QC DATA:

Resplit:

1	CV99-23	35	>30	0.11	740	45	<5	0.66	933	16	90	315	>10	<10	<0.01	512	<1	<0.01	2	<10	>10000	270	<20	33	<0.01	<10	1	<10	<1	>10000
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Repeat:

1	CV99-23	45	>30	0.09	710	40	<5	0.63	953	15	76	324	>10	<10	<0.01	492	<1	<0.01	2	<10	>10000	305	<20	32	<0.01	<10	1	<10	<1	>10000
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Standard:

GEO'99		120	1.0	1.76	65	145	<5	1.86	1	20	84	77	3.82	<10	0.97	680	1	0.02	24	660	24	5	<20	54	0.07	<10	76	<10	8	74
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470
V99

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@mail.wkpowerlink.com

CERTIFICATE OF ASSAY AK 99-359

LINDA CARON
BOX 2493
GRAND FORKS
V0H 1H0

19-Aug-99

ATTENTION: LINDA CARON

No. of samples received: 27
Sample type: Rock
PROJECT #: CV
SHIPMENT #: None Given
Samples submitted by: L. Caron

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	As (%)	Cd (%)	Pb (%)	Zn (%)
3	OV99-8R	60.25	1.553	154.2	4.50	-	-	1.66	2.10
9	CV99-9R	8.10	0.230	153.8	4.43	-	0.110	-	0.42
10	OV99-17R	1.24	0.036	-	-	-	-	-	-
23	TOP99-4R	27.90	0.814	37.2	1.09	2.64	-	-	-

QC/DATA:

Standard:

STD-M	1.45	0.042	-	-	-	-	-	-
Mp-1A	-	-	70.0	2.04	0.84	-	4.32	-

XLS/99


per **ECO-TECH LABORATORIES LTD.**
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@mail.wkpowerlink.com

CERTIFICATE OF ASSAY AK 99-473

LINDA CARON
BOX 2493
GRAND FORKS, BC
V0H 1H0

17-Sep-99

ATTENTION: LINDA CARON

No. of samples received: 11
Sample type: Rock
PROJECT #: CV
SHIPMENT #: None Given
Samples submitted by: L. Caron

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	As (%)	Pb (%)	Zn (%)
11	TOP99-7	22.55	0.658	-	-	3.50	-	-

QC/DATA:

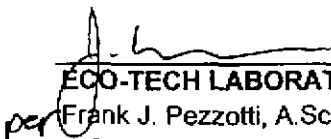
Repeat:

11	TOP99-7	22.90	0.668	-	-	-	-	-
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Standard:

STD-M		1.40	0.041	-	-	-	-	-
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XLS/99


per **ECO-TECH LABORATORIES LTD.**
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 99-642

LINDA CARON
BOX 2493
GRAND FORKS
V0H 1H0

Phone: 250-573-5700
Fax : 250-573-4557

ATTENTION: LINDA CARON

No. of samples received: 8
Sample type: Rock
PROJECT #: CV
SHIPMENT #: 1
Samples submitted by: L. Caron

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1																														
2	CV99-33	75	2.4	0.10	<5	50	10	0.01	<1	3	137	4	1.59	<10	<0.01	27	6	<0.01	3	270	16	<5	<20	8	<0.01	<10	2	<10	<1	
3	CV99-34	>1000	>30	0.09	<5	55	85	0.27	<1	21	113	23	>10	<10	0.02	314	14	<0.01	4	<10	230	<5	<20	7	<0.01	<10	1	<10	<1	
4	CV99-35	5	0.8	0.02	<5	<5	<5	<0.01	<1	<1	200	2	0.44	<10	<0.01	48	6	<0.01	4	<10	<2	<5	<20	<1	<0.01	<10	<1	<10	<1	
5	CV99-36	10	2.2	0.08	<5	15	5	0.80	<1	3	175	4	1.26	<10	0.01	231	6	<0.01	4	100	6	<5	<20	<1	<0.01	<10	2	<10	<1	
6	CV99-37	10	1.2	0.13	<5	10	10	0.01	<1	2	214	3	0.99	<10	0.03	88	7	<0.01	5	90	52	<5	<20	<1	<0.01	<10	3	<10	<1	
7	CV99-38	10	0.6	0.50	<5	125	<5	>10	<1	3	32	13	1.20	<10	1.07	287	6	<0.01	24	170	<2	<5	<20	2732	<0.01	<10	22	<10	33	31
8	TOP99-8	340	0.8	0.23	455	25	<5	0.24	3	3	110	6	1.35	<10	<0.01	38	7	<0.01	2	550	16	5	<20	42	<0.01	<10	2	<10	<1	54

QC DATA:

Resplit:

1	BC99-01	<5	<0.2	0.54	<5	10	<5	1.54	<1	31	36	185	4.24	20	0.42	175	15	0.01	128	3740	4	<5	<20	68	0.02	<10	23	<10	30	52
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Repeat:

1	BC99-01	<5	0.4	0.52	<5	10	<5	1.52	<1	30	30	183	4.10	20	0.38	176	15	0.01	127	3760	2	<5	<20	70	0.02	<10	23	<10	30	48
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Standard:

GEO'99		115	1.0	1.80	65	160	10	1.86	<1	18	64	80	3.86	<10	0.94	684	3	0.02	24	760	20	10	<20	56	0.10	<10	71	<10	8	67
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tf/607B
LS/99
John Kemp


ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer



Chemex Labs 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: CARON, LINDA

PO BOX 2493
GRAND FORKS, BC
V0H 1H0

A9924108

Comments: ATTN: LINDA CARON FAX: JOHN KEMP

CERTIFICATE

A9924108

(PVL) - CARON, LINDA

Project:
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-AUG-1999.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	1	Pulp; prepped on other workorder

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
902	1	Al2O3 %: XRF	XRF	0.01	100.00
906	1	CaO %: XRF	XRF	0.01	100.00
2590	1	Cr2O3 %: XRF	XRF	0.01	100.00
903	1	Fe2O3 %: XRF	XRF	0.01	100.00
908	1	K2O %: XRF	XRF	0.01	100.00
905	1	MgO %: XRF	XRF	0.01	100.00
1989	1	MnO %: XRF	XRF	0.01	100.00
907	1	Na2O %: XRF	XRF	0.01	100.00
909	1	P2O5 %: XRF	XRF	0.01	100.00
901	1	SiO2 %: XRF	XRF	0.01	100.00
904	1	TiO2 %: XRF	XRF	0.01	100.00
910	1	LOI %: XRF	XRF	0.01	100.00
2540	1	Total %	CALCULATION	0.01	105.00
2891	1	Ba ppm: XRF	XRF	5	50000
2067	1	Rb ppm: XRF	XRF	2	50000
2898	1	Sr ppm: XRF	XRF	2	50000
2973	1	Nb ppm: XRF	XRF	2	50000
2978	1	Zr ppm: XRF	XRF	3	50000
2974	1	Y ppm: XRF	XRF	2	50000
327	1	Fe %: HClO4-HNO3-HF digestion	AAS	0.01	100.0
451	1	FeO %: Acid decomposition	TITRATION	0.01	100.0
1896	1	Fe2O3% : By calculation from Fe	calculation	0.01	100.0



Chemex Labs 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: CARON, LINDA

PO BOX 2493
GRAND FORKS, BC
V0H 1H0

Project :

Comments: ATTN: LINDA CARON FAX: JOHN KEMP

Page Number : 1-A
Total Pages : 1
Certificate Date: 16-AUG-1999
Invoice No. : 19924108
P.O. Number :
Account : PVL

* PLEASE NOTE

CERTIFICATE OF ANALYSIS

A9924108

SAMPLE	PREP CODE	Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm
TOP 99-02	299 --	16.12	3.33	< 0.01	3.44	3.24	0.89	0.12	3.87	0.17	66.70	0.39	1.50	99.77	740

* Fe2O3 CALC. % IS CALCULATED FROM TOTAL Fe MINUS Fe++.

CERTIFICATION:



Chemex Labs 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: CARON, LINDA

PO BOX 2493
GRAND FORKS, BC
V0H 1H0

Project:

Comments: ATTN: LINDA CARON FAX: JOHN KEMP

Page Number : 1-B
Total Pages : 1
Certificate Date : 16-AUG-1999
Invoice No. : 19924108
P.O. Number :
Account : PVL

* PLEASE NOTE

CERTIFICATE OF ANALYSIS

A9924108

SAMPLE	PREP CODE	Rb ppm	Sr ppm	Nb ppm	Zr ppm	Y ppm	Fe % tot.dig	FeO %	Fe2O3 % calc.						
TOP 99-02	299 --	94	602	14	120	24	2.35	1.46	1.74						

* Fe2O3 CALC % IS CALCULATED FROM TOTAL Fe MINUS Fe++

CERTIFICATION:

LEICESTER DIAMOND MINES LTD.

#1300 - 409 Granville Street

Vancouver, British Columbia, V6C 1T2

Telephone: (604) 685-5015 • Facsimile: (604) 684-9877

MEMORANDUM**To:** Linda Caron**Date:** November 15, 1999**From:** Ken Carter**Re:** Hand Sample Descriptions - Vernon Gold Properties

- MAC 1 Boulder of mineralized zone from portal, described variously as altered trachyte, andesite - shear zone, clay altered
- needs petrography
 - assay Au, Ag + petrographic description
- MAC 2 Rubble from Trench 2 in an area 50 m north and downslope of portal, same description as MAC 1
- assay Au, Ag
- MAC 3 Core from "ore zone" of hole 30, same description as MAC 1
- assay Au, Ag
- MAC 4 Core from granodiorite host, hole 31
- petrographic description needed
 - Au, Ag assay
-

LEICESTER DIAMONDS-X99

Job

V990785R

KETTLE/LAV/MAC

Date

991110

LAB NO

FIELD NUMBER

Au(3)

Ag(2)

g/t

g/t

R9912020	KETTLE-1	0.311	520.2
R9912021	KETTLE-2	52.971	521.4
R9912026	KETTLE-3	0.186	0.0
R9912028	KETTLE-4	0.050	1.0
R9912030	KETTLE-5	0.044	0.0
R9912031	KETTLE-6	0.030	0.0
R9912032	LAV-1	0.140	1.0
R9912033	LAV-2	0.1	0.0
R9912034	MAC-1	5.025	10.3
R9912035	MAC-2	2.577	17.3
R9912036	MAC-3	21.326	32.6
R9912037	MAC-4	0.066	0.6

ANALYTICAL METHODS

Au(3) Fire Assay

Lead Collection / AA Finish (low level) 1/2 A.T.

Ag(2) Acid decomposition / AAS

MEMORANDUM

DATE: November 15 1999

TO: LINDA CARON

CC:

FROM: GREG THOMSON

RE: ~~Kettle Property~~

Hi Linda,

Here are the sample results of the rock material I sampled at the ~~Kettle~~ property on October 26, 1999.

7701 grab from caved trench on Mac property, fine grain altered
intrusive/dyke, greenish with pervasive fine grain arsenopyrite



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brookbank Ave., North Vancouver
 British Columbia, Canada V7J 2C7
 PHONE: 604-664-0221 FAX: 604-664-0218

To: TECK EXPLORATIONS LTD

350 - 272 VICTORIA ST.
 KAMLOOPS, BC
 V2C 1Z6

Project: 004100
 Comments: ATTN: R. FARMER CC: GREG THOMSON

Page Number: 1-A
 Total Pages: 1
 Certificate Date: 12-NOV-99
 Invoice No.: 16932616
 P.O. Number:
 Account: HPQ

CERTIFICATE OF ANALYSIS

A9932616

SAMPLE	PREP CODE	Au pph 7A+2A oz/ton	Au 7A	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	S %	La ppm
07701	205 226	3060	-----	18.6	0.90	>10000	< 10	30	< 0.5	< 2	1.38	< 0.5	31	83	38	5.72	< 10	3	0.40	10
07702	205 226	315	-----	11.0	0.57	110	10	10	< 0.5	< 2	1.14	< 0.5	27	82	34	7.04	< 10	3	0.13	< 10
07703	205 226	315	-----	11.0	0.57	110	10	10	< 0.5	< 2	1.14	< 0.5	27	82	34	7.04	< 10	3	0.13	< 10
07704	205 226	315	-----	11.0	0.57	110	10	10	< 0.5	< 2	1.14	< 0.5	27	82	34	7.04	< 10	3	0.13	< 10
07705	205 226	315	-----	11.0	0.57	110	10	10	< 0.5	< 2	1.14	< 0.5	27	82	34	7.04	< 10	3	0.13	< 10
07706	205 226	315	-----	11.0	0.57	110	10	10	< 0.5	< 2	1.14	< 0.5	27	82	34	7.04	< 10	3	0.13	< 10
07707	205 226	315	-----	11.0	0.57	110	10	10	< 0.5	< 2	1.14	< 0.5	27	82	34	7.04	< 10	3	0.13	< 10
07708	205 226	315	-----	11.0	0.57	110	10	10	< 0.5	< 2	1.14	< 0.5	27	82	34	7.04	< 10	3	0.13	< 10
07709	205 226	315	-----	11.0	0.57	110	10	10	< 0.5	< 2	1.14	< 0.5	27	82	34	7.04	< 10	3	0.13	< 10
07710	205 226	315	-----	11.0	0.57	110	10	10	< 0.5	< 2	1.14	< 0.5	27	82	34	7.04	< 10	3	0.13	< 10
07711	205 226	89	-----	11.0	0.45	10	< 10	80	< 0.5	4	0.05	< 0.5	5	212	6	0.55	< 10	< 1	0.27	10

TECK EXPLORATION

11/16/99

EXP NO. 1

604-640-5382

WVA-RMA

15-11-99

14:13

P.02



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0216

To: TECK EXPLORATIONS LTD.

350 - 272 VICTORIA ST.
 KAMLOOPS, BC
 V2C 1Z8

Project: 004100

Comments: ATTN: R. FARMER CC: GREG THOMSON

Page Number: 1-8

Total Pages: 1

Certificate Date: 12-NOV-99

Invoice No.: 16932616

P.O. Number:

Account: HPQ

CERTIFICATE OF ANALYSIS

A9932616

SAMPLE	PREP CODE	Mg %	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
07701	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07702	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07703	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07704	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07705	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07706	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07707	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07708	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07709	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07710	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		
07711	205 226	0.05	130	5 < 0.01	138	2930	50	4.22	196	3	109 < 0.01	< 10	30	16	< 10	122		

TECK EXPLORATION

11/16/99

FOR INFO

604 640 5182

VAN, BC

15-11-99

14:14 PM F.03



Mr. Ken Carter
Leicester Diamond Mines Ltd.
#1300 - 409 Granville Street
Vancouver, B.C.
V6C 1T2

1 December, 1999

Dear Ken: *RE: Vernon Area Microscopy / E.R.L. Job V990785R*

Three samples were submitted as part of a larger suite for preparation into thin sections and petrographic study. The samples are numbered as follows:

<u>LAB NO.</u>	<u>FIELD NO.</u>
R99:12032	LAV-1
R99:12034	MAC-1
R99:12037	MAC-4

Following are brief microscopic descriptions:

SAMPLE R99:12034 (MAC-1).

In transmitted light quartz crystal fragments/phenocrysts are noted up to 2 mm in size. Circular features to 2 - 3 mm consist of crystalline and fine grained "fresh" sericite. As well, a 5 mm diameter feature consisting of lath shaped features, now altered to very fine turbid sericite and fresh quartz is present.

The host or matrix to these minerals and alteration minerals is a mixture of quartz, sericite and laths of a turbid to opaque phase, possibly a Fe-Ti oxide rich sericite.

The rock appears to be an altered (quartz-sericite) volcanic of indeterminate composition.

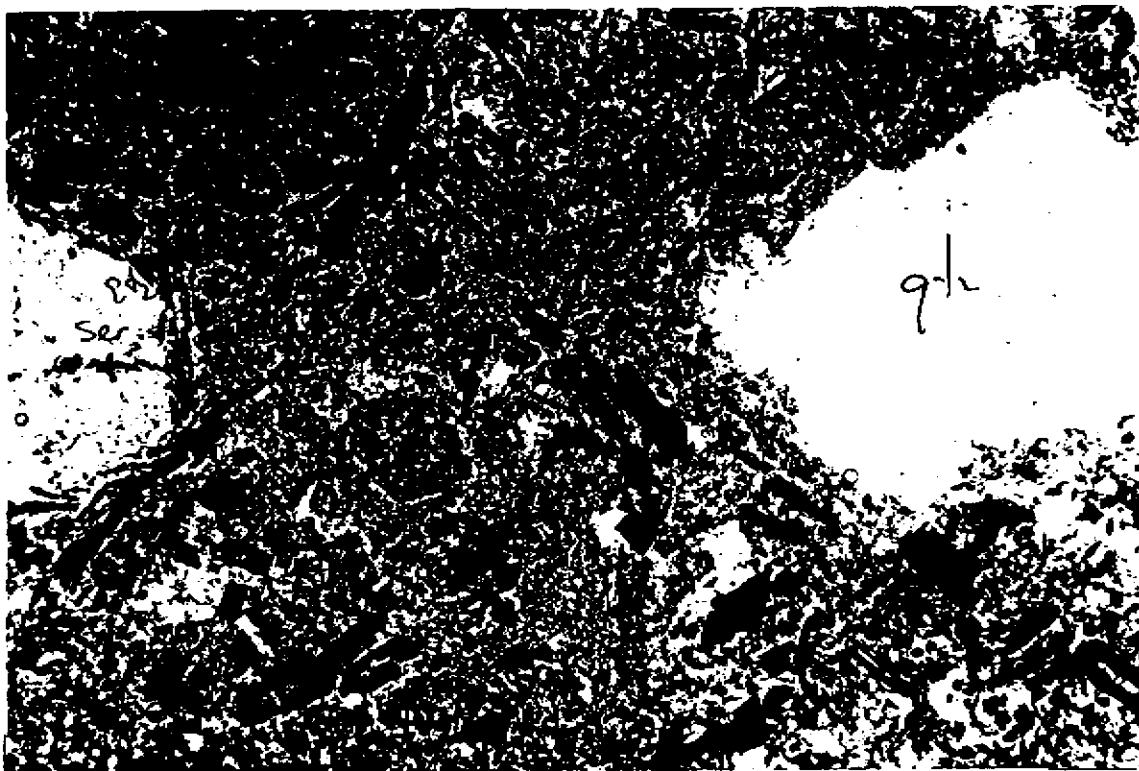
SAMPLE R99:12037 (MAC-4).

In transmitted light the mode is approximately as follows:

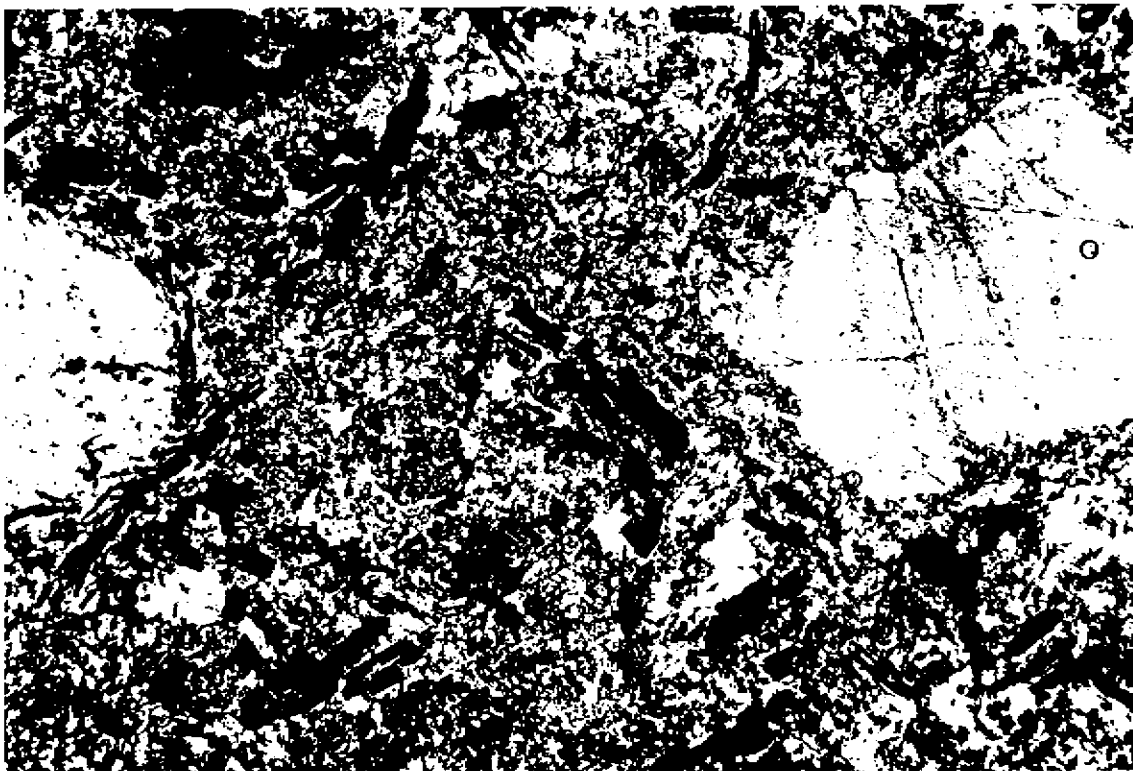
Potash feldspar:	35%
Plagioclase:	30%
Biotite:	5%
Quartz:	25%
Epidote:	1%
Carbonate:	1%
Chlorite:	1.5%
Opagues:	1.5%

Subhedral grains of orthoclase (microcline) are seen up to 10 mm in maximum dimensions and are tabular in form. They are seen to engulf some grains of plagioclase. Plagioclase grains as tabular, subhedral grains are typically in the 1 - 3 mm size range. They are often seen to be altered (albitized) and some are replaced by carbonate, epidote and sericite/clay (saussurite). Irregular, anhedral grains of quartz are developed interstitial to the feldspars. These grains may be up to 3 mm in size and are sometimes sutured, forming aggregates. Biotite, generally anhedral and ragged is interstitial to quartz and feldspars. These grains are in the 0.5 - 1.5 mm size range and tend to be associated with granular epidote, carbonate and opaques. Some biotite is altered to chlorite.

The rock is a medium to coarse grained igneous material. Compositionally it is a granite.



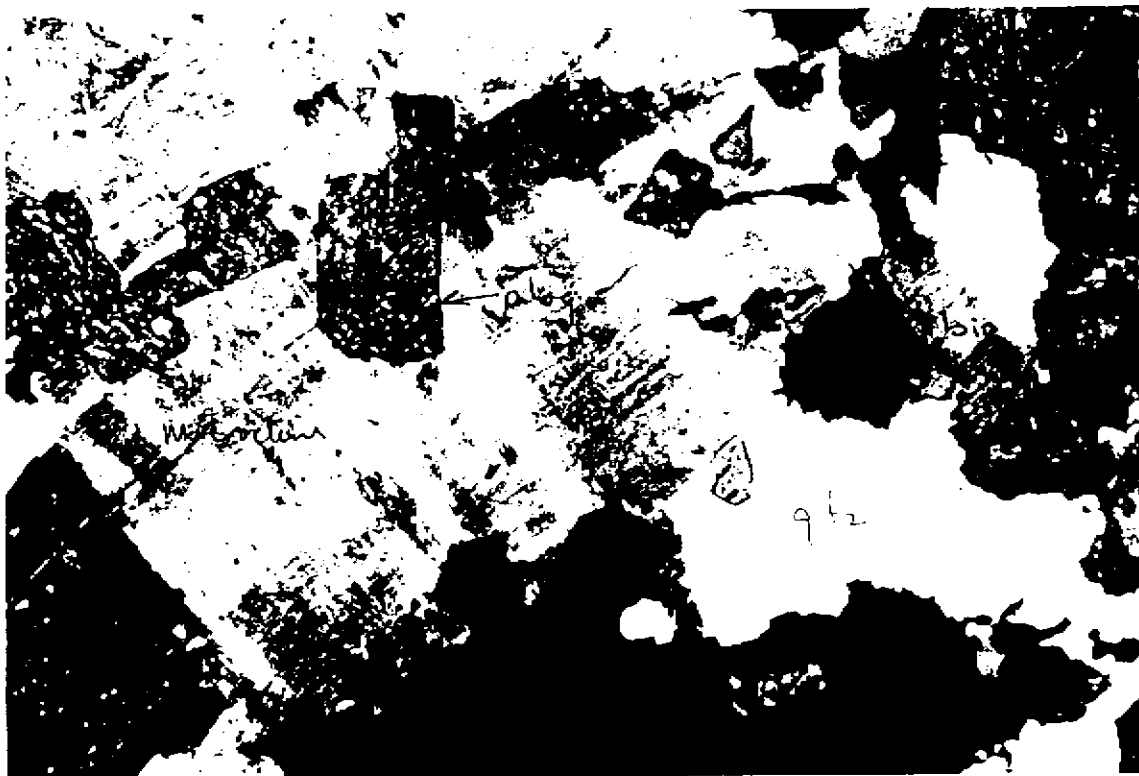
R99:12034. Quartz fragments, quartz-sericite replacement in a quartz-feldspar-Ti(Fe) oxide. Transmitted light, magnification 25x.



R99:12034. As previous photomicrograph but crossed nicols.



R99:12037. Orthoclase, altered plagioclase, biotite, quartz. Transmitted light, crossed nicols, magnification 25x.



R99:12037. Large microcline engulfs altered plagioclase, also present is quartz and biotite. Transmitted light, crossed nicols, magnification 25x.

APPENDIX 2

Cost Statement

COST STATEMENT

Labour

L. Caron	1 day @ \$350/day	\$ 350.00
J. Kemp	1 day @ \$200/day	<u>200.00</u>
		\$ 550.00

Geochemical Analyses

9 rock samples @ \$25.00, including shipping (31 element ICP + Au)	\$ 225.00
1 rock sample @ \$20 (whole rock analysis)	20.00
4 rock samples @ \$10.00 (Au, Ag)	40.00
2 thin section descriptions @ \$100.00 each	<u>200.00</u>
	\$ 485.00

Transportation

Vehicle rental 1 day @ \$50/day	\$ 50.00
Fuel	<u>30.00</u>
	\$ 80.00

Miscellaneous

Report (copying map and text)	\$ 15.00
Meals 2 man days @ \$35/day	<u>\$ 70.00</u>
	\$ 85.00

TOTAL: \$1,200.00

APPENDIX 3

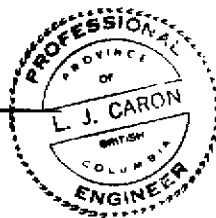
Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Linda J. Caron, certify that:

1. I am an independent exploration geologist residing at 717 75th Ave (Box 2493), Grand Forks, B.C.
2. I obtained a B.A.Sc. in Geological Engineering (Honours) in the Mineral Exploration Option, from the University of British Columbia (1985).
3. I graduated with a M.Sc. in Geology and Geophysics from the University of Calgary (1988).
4. I have practised my profession since 1987 and have worked in the mineral exploration industry since 1980.
5. I am a member in good standing with the Association of Professional Engineers and Geoscientists of B.C. with professional engineer status.
6. I jointly own the claims described in this report, with partner John Kemp. I have personally completed or supervised the work described in this report.


Linda Caron, P. Eng.



Oct 13/00
Date

