



094275

**2001 GEOLOGICAL and GEOCHEMICAL
REPORT ON THE B PROPERTY
(B 13-30, 39-62, 75-102: YB81305 - YB81374)**

NTS: 105M/14

Latitude: 63°59'N

Longitude: 135°15'W

Mayo Mining Division

Work performed between May 23 and June 6, 2001

**Owner/Operator: Richard E. Fischer
2616 - 126 Ave SW
Calgary, Alberta
T2W 3V6**

**Jean Pautler
December, 2001**

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 18,430.16 .

M. B. ...

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

SUMMARY:

The 1300 ha B property, NTS map sheet 105M/14, is located 7 km north-northeast of Keno City, approximately 360 km north of Whitehorse, Yukon Territory. The property is situated in the Mayo Mining Division with a latitude and longitude of 63°59'N, 135°15'W. Road access exists to the property, although all-terrain vehicle use is recommended past Wernecke. Richard E. Fischer of Calgary Alberta is the primary owner and funded the 2001 program on the B property.

The B property lies just north of Keno Hill which produced 4,872,423 tonnes averaging 1,389 g/t Ag, 5.6% Pb and 3.1% Zn, from 1921 to 1988. Gold and silver bearing quartz veins occur peripheral to the silver-lead-zinc deposits at Keno Hill. The Moon mineral occurrence is located near the centre of the B property but the main showing occurs on adjacent ground.

Work in 2001 consisted of property scale geological mapping, with concurrent geochemical sampling, GPS surveying and prospecting.

The B property is primarily underlain by phyllitic metasedimentary rocks of the Devonian-Mississippian Earn Group possibly cut by narrow sills and dykes of Earn Group felsic metavolcanic schist and intruded by Triassic greenstone and Cretaceous porphyritic aplite dykes and sills. Two northeasterly trending faults, which are the orientation of the structures hosting Keno Hill type silver-lead-zinc mineralization, were mapped on the property.

A northeast trending fissure vein mineralized with galena, sphalerite and pyrite, which resembles the silver rich Keno Hill style of mineralization, and a gold bearing quartz vein, mineralized with arsenopyrite, galena and sphalerite, are exposed at the Moon Adit. Maximum values from the adit are 8.0% Pb, 7.9% Zn, 586 g/t Ag and 5.2 g/t Au. Anomalous stream sediment geochemistry in Faro Gulch suggests that the mineralization continues on to the B property and extends for at least another 400m.

Elevated base metal, arsenic and minor precious metal values up to 6,860 ppm Zn, 418 ppm Pb, 2,675 ppm As, 6.0 ppm Ag and 245 ppb Au, occur in rock samples proximal to the second northeast trending fault. Phyllitic rocks that could represent the lower schist unit of the Keno Hill Quartzite, a favourable host for Keno Hill type veins, host the highest base metal values.

Anomalous gold in stream sediment values, up to 760 ppb Au, were obtained from the eastern property area in the Silver Basin Gulch area and the Nero Showing, with quartz veins with minor galena, is reported approximately 1 km southeast of the B property.

There is potential for both silver-lead-zinc Keno Hill type mineralization and peripheral style gold-silver veins on the B property. A program of additional mapping, detailed prospecting and sampling along the creeks, at the previously snow covered higher elevations, along the projected extent of the northeast trending structures, near fault intersections and in the eastern property area draining into Silver Basin Gulch is recommended for 2001. VLF surveying and limited mechanized trenching is proposed along the projected extent of the northeast trending structures. A budget of \$20,000 would be required.

TABLE OF CONTENTS

	Page
SUMMARY	i
1.0 LOCATION AND ACCESS.....	1
2.0 LEGAL DESCRIPTION	1
3.0 PHYSIOGRAPHY.....	2
4.0 HISTORY.....	2
5.0 2001 WORK	3
6.0 GEOLOGY.....	4
6.1 Regional.....	4
6.2 Property	5
6.3 Mineralization.....	6
7.0 GEOCHEMISTRY	7
7.1 Procedure.....	7
7.2 Results and Interpretation.....	8
8.0 CONCLUSIONS AND RECOMMENDATIONS.....	10

LIST OF FIGURES

		Following Page
Figure 1	Location Map (1:2,500,000)	1
Figure 2	Claim Map (1:30,000).....	1
Figure 3	Regional Geology Map (1: 50,000).....	4
Figure 4	Property Geology (1:25,000)	5
Figure 5	Sample Locations and Geochemistry (1:30,000).....	6
Figure 6	Moon Showing Area - Geology and Geochemistry (1:5, 000).....	6

APPENDICES

Appendix I	Selected References
Appendix II	Geochemical Procedure and Results
Appendix III	Statement of Expenditures
Appendix IV	Statement of Qualifications

1.0 LOCATION AND ACCESS (Figure 1)

The B property, NTS map sheet 105M/14, is located 7 km north-northeast of Keno City, approximately 360 km north of Whitehorse, Yukon Territory, in the Mayo Mining Division. It is situated on the northwestern slope of Keno Hill, approximately 1-2 km south of Gambler Lake. Latitude and longitude of the property are 63°59'N, 135°15'W.

Access is via the Gambler Gulch road/trail, which passes through Wernecke and crosses Gambler Gulch and Faro Gulch. The trail heads south at Faro Gulch and transects the B property. The trail is road accessible to just beyond the old mining camp at Wernecke (approximately 6 km from Keno City). All-terrain vehicle (ATV) use for the remaining 5 km to the property centre is recommended beyond this point.

2.0 LEGAL DESCRIPTION (Figure 2)

The B Claim Group consists of 84 contiguous claims covering an area of approximately 1700 hectares. The B 103 to B 116 claims were added as a consequence of the current program and recorded on June 6, 2001. The current work was conducted and two years of assessment were filed on the original 70 contiguous B claims. The B property is primarily owned by Richard Fischer of Calgary, Alberta but Tom Scott of Calgary, Alberta is the registered owner of the B 75 and B 76 claims. The current program was funded by Richard E. Fischer. A table showing pertinent claim data follows:

Claim Name	Record No.	Units	Expiry Date
B 13 - 30	YB81305 - 81322	18	Aug. 22, 2003*
B 39 - 62	YB81323 - 81346	24	Aug. 22, 2003*
B 75 - 76	YB81347 - 81348	2	Aug. 22, 2003*
B 77 - 102	YB81349 - 81374	26	Aug. 22, 2003*
B 103 - 116		14	June 6, 2002

* Note: New expiry date based on acceptance of this report.



FIGURE 1 LOCATION MAP
 B PROPERTY
 SCALE 1:2,500,000 0 25 50 km
 NTS 105M/14

FIGURE 2

CLAIM MAP B PROPERTY

0 0.5 1.0 km

Scale 1:30000

G.M.

NTS: 105M/14

01/06/10



3.0 PHYSIOGRAPHY

The B property is situated within the Stewart Plateau, characterized by individual and isolated small ranges separated by broad deep valleys. The lower slopes have been glaciated with westerly trending ice flow directions. The claims cover the northwestern tree covered slope of Keno Hill. Muskeg and sparse black spruce cover the lower half of the claim group. Exposure is extremely poor but does exist along some of the creeks, as cliff exposures above Gambler Lake and at the higher elevations on Keno Hill, such as on the B 14 and B 15 claims. Elevations on the property range from 2350' (716m) to 4720' (1439m). Vegetation includes spruce, alder, willow and muskeg.

4.0 HISTORY

The B property lies approximately 1 km north of the old mine workings at Wernecke, an active mining camp from 1921 to 1933, with production principally from the Sadie-Ladue and Lucky Queen veins. Production figures from 1921 to 1941, which include some production from the Galena Hill area, are 588,503.4 tonnes of 2,605 g/t Ag and 7.5% Pb. Recent work in the Wernecke area includes high-grading of the Sadie-Ladue, Shamrock and Lucky Queen veins in the 1980's to 1990. Production figures include 999.5 tonnes of 8,588.6 g/t Ag, 221 tonnes of 7,153.8 g/t Ag and 100 tonnes (including average grades of over 13,713 g/t Ag from the Lucky Queen) in addition to lead. The B property also adjoins lots on the north to northeast slope of Keno Hill with significant silver-lead-zinc veins such as the Duncan (105M 003), Gold Queen (105M 004), Silver Basin (105M 005) and Nabob (105M 006).

The Moon mineral occurrence (105M 046) is located near the centre of the B property. The main showing, which consists of an adit, occurs on the adjoining Try Again and ToDo claims, owned by Walter Malicky of Whitehorse, Yukon. Trenching extends on to the B property. The Moon showing was first staked in 1921 and later explored by a 30m long adit. Several periods of hand and excavator trenching were undertaken from the 1960's to 1990's. A longitudinal quartz vein with arsenopyrite and minor galena cuts the greenstone and schist at the adit. The presence of galena and sphalerite in a carbonate gangue at the

dump of the caved adit suggest that a favourable transverse vein was drifted (Minfile, 1998).

Several quartz veins with weak galena mineralization are known at the Nero occurrence (105M 050) approximately 1 km east of the B property (Minfile, 1998).

5.0 2001 WORK

A total of 20 man-days were spent on the B 13-30 and B 39-102 claims between May 23 and June 6, 2001. Work consisted of property scale (1:25,000) geological mapping, with concurrent geochemical sampling, GPS surveying and prospecting. Control was provided by 1:50,000 based topographic maps, hipchain, compass and GPS. The area around the Moon Showing, including the adit and main areas of trenching, was mapped in more detail and plotted at a scale of 1: 5,000 to determine the orientation, extent and grade of known mineralization.

All of the claim posts except the posts for B 39 to B 42 and B 100 to B 101 were located by a Trimble Explorer differential GPS. Most of the sample, outcrop, trench and creek crossing locations were also positioned by GPS. The GPS locations are marked on Figure 2 with ▲ denoting sample locations, ■ denoting outcrop locations, ✕ denoting drill site, I denoting creek crossings and T denoting trench locations.

6.0 GEOLOGY

6.1 Regional (Figure 3)

The regional geology of the B property is represented on the Keno Hill (105 M/14) Map Sheet, Murphy and Roots, 1992. The area is underlain by highly deformed rocks of the Devono-Mississippian Earn Group (a metavolcano-sedimentary package), the Keno Hill Quartzite and Triassic diorite to greenstone, which occur within the easterly trending, southerly dipping Tombstone Thrust Sheet. The deformation, characterized by intense foliations and lineations, appears to be related to displacement along the Tombstone Thrust. The foliations and lineations were later deformed by north to northwest trending open folds. All of the above lithological units are intruded by Cretaceous aged aplite and granite dykes and sills. North to northeast and northwest trending faults are evident through the area, with Keno Hill type mineralization associated with the former faults. The mineralized vein faults have been K/Ar dated at 90 Ma.

Keno Hill is known for silver veins. More than 65 deposits and occurrences have been identified with all of the mineable silver veins occurring in a 26 km by 1 to 6.4 km wide area. Production from 1921 to 1988 totalled 4,872,423 tonnes averaging 1,389 g/t Ag, 5.6% Pb₁ and 3.1% Zn. Mineralization primarily consists of galena, sphalerite and freibergite in a gangue of siderite ± quartz and is commonly associated with northeast trending, southeast dipping fault fissures. Most of the deposits occur within the Keno Hill Quartzite. Gold and silver bearing quartz veins occur peripheral to the silver-lead-zinc deposits at Keno Hill.

1 Pb grade may not be exact due to inaccuracies in production figures in Minfile database.

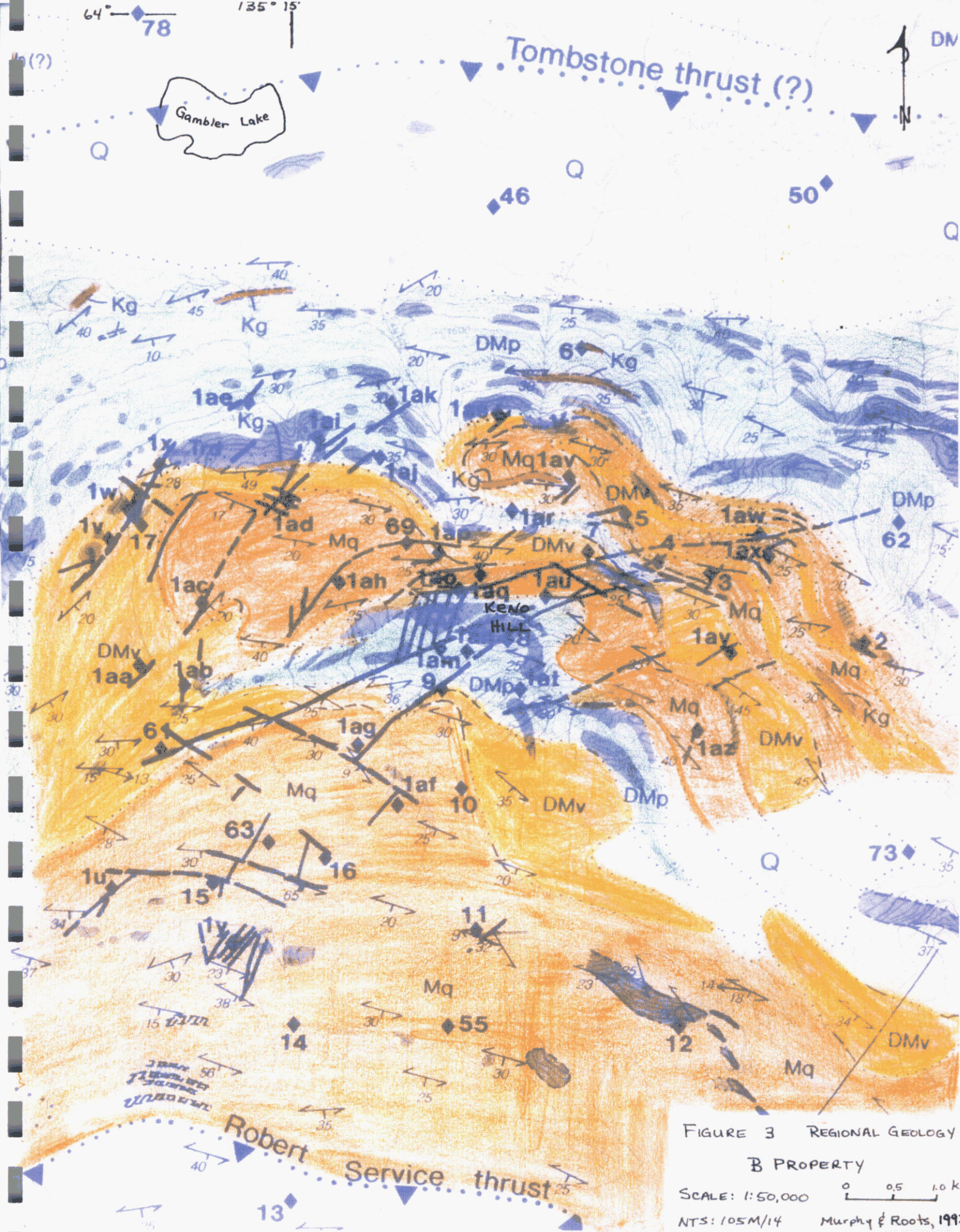


FIGURE 3 REGIONAL GEOLOGY
 B PROPERTY
 SCALE: 1:50,000 0 0.5 1.0 km
 NTS: 105M/14 Murphy & Roots, 1992

LEGEND

QUATERNARY

Q undifferentiated unconsolidated gravels, sands, and clays

CRETACEOUS

Kg dykes and sills of fine-grained, locally porphyritic, locally altered aplite and granite

TRIASSIC

Trd foliation-concordant boudins of fine- to coarse-grained greenstone (actinolite-chlorite-plagioclase meta-diorite or metagabbro)¹

MISSISSIPPIAN

KENO HILL QUARTZITE

Mq finely to coarsely foliated and lineated, light to dark grey, vitreous quartzite; subordinate carbonaceous phyllite; rare limestone (diagonal ruling)²

DEVONO-MISSISSIPPIAN

EARN GROUP(?)

DMv waxy green, chloritic, locally porphyritic (quartz and feldspar) felsic metavolcanic phyllite³

DMP carbonaceous phyllite, siliceous carbonaceous meta-siltstone, rare calcareous greywacke

PRECAMBRIAN-LOWER CAMBRIAN

HYLAND GROUP

ECh medium brown, foliated and lineated phyllite and psammite; quartz- and feldspar-pebble psammite; diagonal rule: calc-phyllite and light grey marble; cp: carbonaceous phyllite

Age Constraints

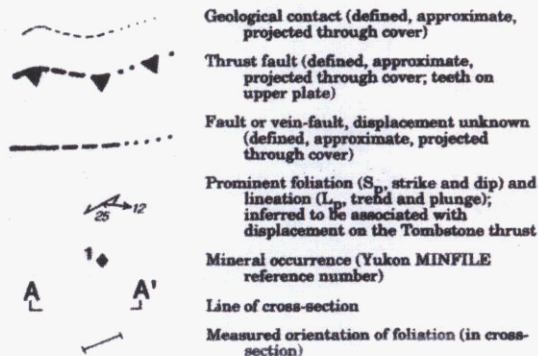
¹ U-Pb zircon and baddeleyite date from diorite sill in the Tombstone Mountains: 232 +1.5/-1.2 Ma (Mortensen and Thompson, 1990).

² Age assignment based on mid-Mississippian (Visean) conodonts recovered from Keno Hill quartzite in Ogilvie Mountains (determination by M.J. Orchard, reported in Mortensen and Thompson, 1990).

³ This unit is correlated with felsic metavolcanic rocks of the MARG deposit from which a preliminary Early Mississippian date has been obtained (determination by J. Mortensen, reported in Turner and Abbott, 1990).



SYMBOLS



MINERAL OCCURRENCES¹

- | | |
|-----------------------------|-------------------------------|
| 1. United Keno Hill: | 1ar. Lake View |
| 1a. Elsa | 1as. Nabob No. 2 |
| 1b. Dixie | 1at. Helm Fraction |
| 1c. Coral and Wigwam | 1au. Gold Hill No. 2 |
| 1d. Arctic and Mastiff | 1av. Fox |
| 1e. Ruby | 1aw. Alice |
| 1f. No Cash | 1ax. Caribou |
| 1g. Betty | 1ay. Divide |
| 1h. Hector | 1az. Devon |
| 1i. Calumet | |
| 1j. Dragon | 2. Faith |
| 1k. Formo | 3. Duncan |
| 1l. Galkeno-McLeod | 4. Gold Queen |
| 1m. Galkeno-Sime/Sugiyama | 5. Silver Basin |
| 1n. Eagle | 6. Nabob |
| 1o. Fisher Creek | 7. Monument |
| 1p. Bluebird | 8. Comstock |
| 1q. Tin Can | 9. Apex |
| 1r. Rico | 10. Vanguard |
| 1s. Duncan Creek | 11. Homestake |
| 1t. Moth | 12. Christine |
| 1u. Onek | 13. Mo |
| 1v. Klondyke-Keno | 14. Maybrun |
| 1w. Sadie-Friendship | 15. Hogan |
| 1x. Ladue | 16. Runer |
| 1y. Bellekeno | 17. Wernecke |
| 1aa. Kijo | 18. Formo (different from 1k) |
| 1ab. Croesus No. 1 | 19. Nomad |
| 1ac. Black Cap and Shepherd | 20. Paddy |
| 1ad. Lucky Queen | 21. Eagle |
| 1ae. Lake | 22. Fisher |
| 1af. Vanguard | 23. Parent |
| 1ag. Apex | 24. Cream and Jean |
| 1ah. Shamrock | 25. Nord |
| 1ai. Highlander | 46. Moon |
| 1aj. Cub and Bunny | 50. Nero |
| 1ak. Stone | 52. Mt. Hinton |
| 1am. No. 6 | 53. Avenue |
| 1an. Porcupine-Kinman | 55. Yono |
| 1ao. No. 9 | 61. Christal |
| 1ap. No. 1 | 62. Segsworth |
| 1aq. Main fault and Nabob | 63. Ironclad |
| | 65. Nadar |
| | 69. Gambler |
| | 70. Havrenak |
| | 73. Bema |
| | 76. Goldrock |
| | 78. Feed |

¹ Numbered with Yukon MINFILE reference numbers. Letters following the numbers are informal and are used to locate individual occurrences within the United Keno Hill Mines holdings. Names and locations of UKHM holdings are from Boyle (1965).

6.2 Property (Figures 4 - 6)

The B property is primarily underlain by metasedimentary rocks of the Devonian-Mississippian Eam Group. The metasedimentary rocks consist of carbonaceous or graphitic (gf) phyllite (Unit 1) that can be calcareous (calc). The Eam Group metasedimentary rocks contain numerous foliation-parallel boudins of Triassic greenstone (Unit 4) to meta-diorite (Unit 4d) and meta-gabbro (Unit 4g) thought to represent deformed sills and/or dykes. Minor float of Keno Hill quartzite (Unit 3) was noted on B 56 and Eam Group felsic metavolcanic schist (Unit 2) was noted on B 87. The felsic metavolcanic schist occurs as limited exposures and may represent narrow sills and dykes cutting the phyllites. Minor black limestone, to graphitic calcareous phyllite, thought to be related to Unit 1, was observed just to the west of the property at Trench 5 (See Figure 5). A porphyritic aplite sill (Unit 5) intrudes Unit 1 at the Moon Adit and a similar dyke occurs just to the southwest.

The phyllitic rocks of Unit 1 generally consist of metamorphosed shales, mudstones and marls. Some of the phyllitic rocks exhibit coarser grain size and a variation in composition so have been subdivided into rocks that were originally siltstones(ss), arenites(ar) and greywackes(gw). This unit is very similar to the lower schist unit of the Keno Hill Quartzite which does host Keno Hill type silver veins.

Two northeasterly trending faults, which are the orientation of the structures hosting Keno Hill type mineralization, were mapped on the property. One of the faults was mapped on the B 90 claim and another mapped at the adit. Minor north to northwesterly trending drag folds were also mapped on B 90 and B 50, with the former fold showing vergence to the northeast. The lithological units on the B property appear to form the southern limb of an anticline.

The property mapping was conducted by following the existing claim lines in order to locate the actual claim boundaries and provide a property wide overview in terms of geology and geochemistry. Additional mapping is still warranted along the individual creeks where there is good exposure. Snow cover hampered mapping at the higher elevations on the property, so additional work is also warranted here.

FIGURE 4

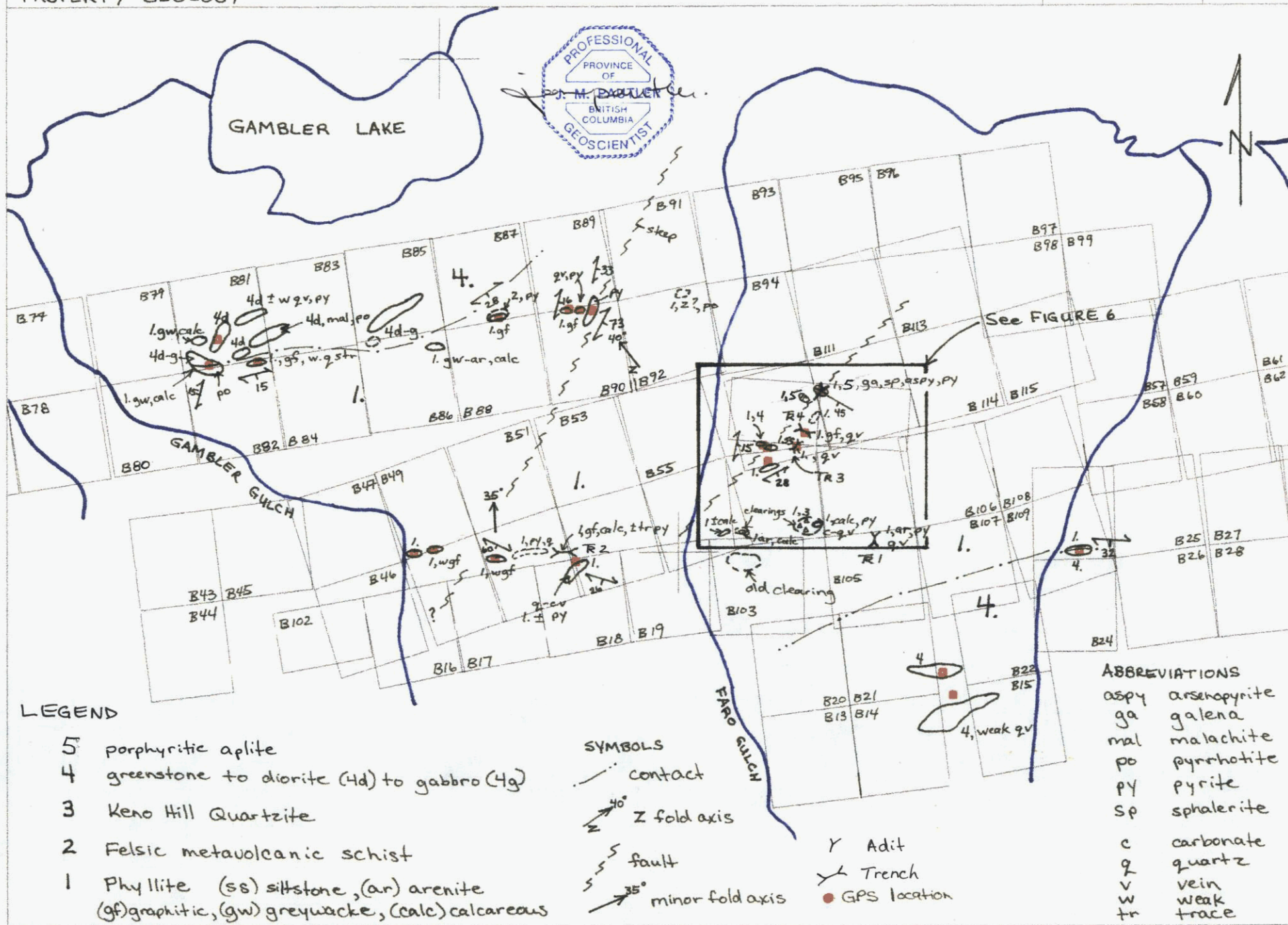
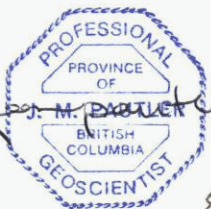
Scale 1:25000

GM, J

PROPERTY GEOLOGY

0 0.2 0.5 km

NTS: 105M/14



LEGEND

- 5 porphyritic aplite
- 4 greenstone to diorite (4d) to gabbro (4g)
- 3 Keno Hill Quartzite
- 2 Felsic metavolcanic schist
- 1 Phyllite (ss) siltstone, (ar) arenite (gf) graphitic, (gw) greywacke, (calc) calcareous

SYMBOLS

- contact
- ↗ 40° Z fold axis
- ↘ fault
- ↗ 35° minor fold axis
- Y Adit
- ↘ Trench
- GPS location

ABBREVIATIONS

asp	arsenopyrite
ga	galena
mal	malachite
po	pyrrhotite
py	pyrite
sp	sphalerite
c	carbonate
q	quartz
v	vein
w	weak
tr	trace

6.3 Mineralization (Figures 4-6)

Keno Hill type mineralization is exposed at the adit on the Moon Showing (Figure 6). A northeast trending structure (045°/85°W) brecciates a quartz vein containing arsenopyrite, galena and sphalerite. The structure itself is mineralized with galena, sphalerite and pyrite (Sample B61R). The hanging wall of the structure is weakly mineralized with galena and sphalerite (B64R). A porphyritic aplite sill is exposed at the adit and an aplite dyke occurs 100m to the southwest. Galena, arsenopyrite and pyrite occur in 030°/80° W fractures within the aplite sill at the adit (B62R, B65R). The mineralization may have an association with the aplite. Several foliation parallel quartz veins with galena and pyrite cut the phyllite in the footwall of the main structure (B63R). Several barrels of high-grade mineralization are stockpiled in the Moon Adit area and a specimen was collected from one (B60R).

A foliation parallel quartz vein was exposed in Trench 4, 250m south-southwest of the adit (B58R). Trench 3, 65m further south-southwest, exposes a 0.7m wide quartz vein (B57R). The trenching was probably undertaken to trace the mineralized northeast trending structure exposed at the adit. However, the trace of the structure is thought to lie further to the west. Quartz veins are also exposed in the phyllites in Trench 1 (B56R) and at a clearing 320m to the east (B53R). Float blocks of pyrite banded Keno Hill Quartzite (B54R) were also noted here, as well as quartz-carbonate stringers (B52R). Pyritic phyllite (B42R) and quartz-carbonate veins (B41R) are exposed in Trench 2 which occurs between two northeast trending faults, proximal to their postulated intersection. Pyritic, folded quartz veins are exposed just to the west (B46R). Black limestone to strongly calcareous phyllite is exposed in Trench 5, just west of the B property (B11-12R).

Other quartz (B3R), ± pyrrhotite bearing (B6R), and quartz-carbonate veins (B35R) occur within the phyllite host rock, which is commonly pyritic (B4-5R, B34R). Samples of pyrrhotite (B1R) and pyrite bearing phyllitic metasedimentary rocks (B2R) were also collected.

The greenstone-diorite unit was sampled (B18R) particularly where mineralization such as malachite (B19R) and pyrrhotite (B20R) were observed.

FIGURE 5

SAMPLE LOCATIONS AND GEOCHEMISTRY

0 0.25 0.5 1.0 km Scale 1:30000

G.M., J

NTS: 105 M/14



FIGURE 6

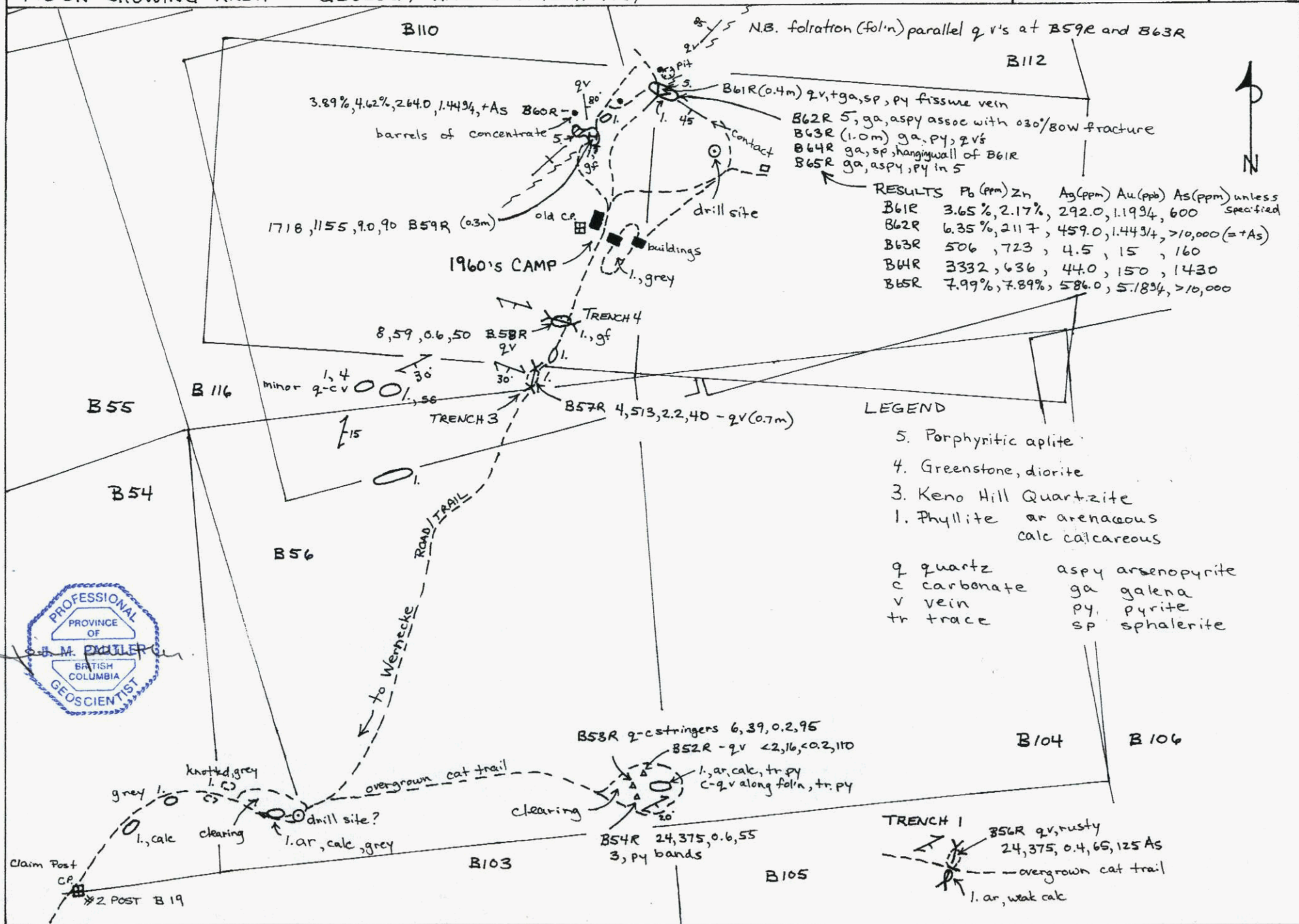
MOON SHOWING AREA — GEOLOGY AND GEOCHEMISTRY

SCALE 1:5,000

3.

0 50 100 150m

NTS: 105M/14



7.0 GEOCHEMISTRY (Figures 4-6)

7.1 Procedure

A total of 29 rock and 37 stream sediment samples were collected from the property. The samples were sent to Eco-Tech Labs, Kamloops, B.C. and analyzed for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V, Y and Zn using a 28 element ICP package which involves a nitric-aqua regia digestion. Gold was analyzed by fire assay with an atomic absorption finish. Due to high values, four samples were assayed for gold by fire assay and four lead, five silver and three zinc assays were completed by acid digestion. Lab procedures and results are outlined in Appendix II.

The rock samples across the property (denoted with an "R") primarily consisted of grab samples of vein, stringer, sulfide mineralization and altered zones, exposed as float, subcrop and outcrop. Sample locations with lead, zinc, silver, gold and selected anomalous results are plotted on Figure 5 and on Figure 6, if collected from the Moon Showing area.

The stream sediment samples consisted of 28 moss mat, 7 sand and 2 silt samples draining the property area. Complete sample results are listed in Appendix II and lead, zinc, silver, gold and selected anomalous results are shown on Figure 5.

The moss mat samples (ending with an "M") were collected from the leeward side of boulders within the creek, where possible, and placed in waterproof Kraft bags. The sand samples (ending with a "D") were collected from the high-energy environment, screened to -20 mesh in the field, sieved to -80 mesh in the lab and a 30g sample was analyzed. Silt samples (ending with an "L") were collected if sand samples could not be obtained.

7.2 Results and Interpretation

7.2.1 Rocks: (Figures 4 - 6)

The fissure vein exposed at the Moon Adit returned 3.65% Pb, 2.17% Zn, 292.0 g/t Ag and 1.19 g/t Au with 600 ppm As over 0.4m (B61R). The hangingwall carried 3,332 ppm Pb, 636 ppm Zn, 44.0 g/t Ag and 150 ppb Au with 1,430 ppm As (B64R). Mineralized aplite carried up to 7.99% Pb, 7.89% Zn, 586.0 g/t Ag and 5.18 g/t Au with >10,000 ppm As, but mineralization is generally confined to narrow fractures (B65R).

No significant mineralization was encountered in the trenches, although B46R, near Trench 2, returned elevated base metal and silver values of 418 ppm Pb, 607 ppm Zn and 6.0 ppm Ag from pyritic phyllite with minor quartz in the hanging wall of a northeast trending fault.

A sample of quartz bearing phyllite from the B 87 claim returned significant zinc (6,860 ppm Zn) with 125 ppb Au and 345 ppm As (B3R). A sample of pyritic felsic schist from the same locality also contained anomalous arsenic (2,675 ppm As) with elevated gold (145 ppb Au). Approximately 500m to the east, a weakly anomalous value of 245 Au with 20 ppm W was obtained from pyritic phyllites along the northeast trending fault mentioned above. Pyrrhotite bearing schist, another 500m to the east, returned elevated values of 265 ppm As and 458 ppm Zn (B6R). The elevated base metal, arsenic and gold values, proximal to a northeast trending fault is suggestive of the presence of a Keno type vein in the area. Additional prospecting and sampling is warranted, particularly along the northeast structure.

7.2.2 Stream sediment: (Figure 5)

Stream sediment samples were collected near the upstream boundary of the B property in an attempt to screen out anomalies related to known mineral deposits, including past producers, and occurrences that exist upstream of the property. In addition, the majority of the samples collected were moss mat samples, which are generally representative of a drainage basin within 500m upstream of the sample.

The best results were obtained from Faro Gulch. In general the values increased downstream. The control sample, B39M, contained 4,528 ppm Pb, 947 ppm Zn, >30 ppm Ag, 130 ppb Au and 345 ppm As. B8M, collected 500m downstream returned >10,000 ppm Pb, 1,135 ppm Zn, 2.4 ppm Ag, 5 ppb Au and 595 ppm As, showing an increase in base metals but a decrease in precious metals. An additional 400m downstream, the base metal values remain high and the precious metal values and arsenic increase in sample B55M, which contains >10,000 ppm Pb, 1,260 ppm Zn, >30 ppm Ag, 730 ppb Au and 925 ppm As. The anomalous values in sample B7M (>10,000 ppm Pb, 1,318ppm Zn, >30 ppm Ag, 550 ppb Au and 1,035 ppm As), collected an additional 700m downstream, can be accounted for since the drainage basin includes the Moon Adit area. However, the increase in base and precious metal values in sample B55M compared to the control sample, suggests that the base and precious bearing fissure veins at the Moon Adit continue to the southwest, crossing Faro Gulch upstream of B55M.

Significant anomalies were obtained from control samples B14M and B23D, just west of the property, with 846 ppm Pb, 5,298 ppm Zn, >30 ppm Ag, 135 ppb Au and 1,422 ppm Pb, 2,351 ppm Zn and >30 ppm Ag, respectively. The samples drain old workings in the Wernecke area but values significantly decrease downstream, in sample B13D, suggesting that the mineralization does not continue through this area, at the western edge of the B property.

Stream sediment samples collected in the Trench 2 area did not contain anomalous values, suggesting that the fissure veins exposed at Moon Adit do not continue through the area to the south of Trench 2. It should be noted, however, that the stream sediment samples collected from this area were of lower quality due to smaller creeks with a limited lode capacity.

Anomalous gold values were obtained from the Silver Basin Gulch area. Sample B32M returned a highly anomalous value of 760 ppb Au. However, approximately 350m upstream, a much lower anomalous gold value of 135 ppb Au was obtained from B33M. Sample B36M, 1 km west of Silver Basin Gulch, also contains anomalous gold (280 ppb). Detailed prospecting is warranted on the eastern B claims and to the east of the property, particularly upstream of sample B32M. It should be noted that quartz veins with minor galena are reported at the Nero Showing, approximately 1 km east of Silver Basin Gulch.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Two northeast trending faults are exposed on the B property. Mineralization at Keno Hill is commonly associated with northeast trending, southeast dipping faults. A northeast trending fissure vein, mineralized with galena, sphalerite and pyrite is exposed at the Moon Adit. The fissure vein resembles the silver rich Keno Hill style of mineralization. In addition, a gold bearing quartz vein mineralized with arsenopyrite, galena and sphalerite is exposed at the adit. Maximum values from the adit are 8.0% Pb, 7.9% Zn, 586 g/t Ag and 5.2 g/t Au. Stream sediment geochemistry in Faro Gulch, with values up to >10,000 ppm Pb, 1,260 ppm Zn, >30 ppm Ag, 730 ppb Au and 925 ppm As from sample B55M, suggests that the mineralization continues on to the B property and extends for at least another 400m. Detailed prospecting, mapping, sampling and VLF surveying is warranted along the projected extent of the structure, particularly upstream of sample B55M in Faro Gulch, to trace and evaluate the structure.

The second fault, which trends 25° and dips steep southeast, is exposed on the B 90 claim and may continue to the west of Trench 2. Elevated base metal, arsenic and minor precious metal values up to 6,860 ppm Zn, 418 ppm Pb, 2,675 ppm As, 6.0 ppm Ag and 245 ppb Au, occur in rock samples proximal to the fault. The highest base metal values are hosted by phyllitic rocks that could represent the lower schist unit of the Keno Hill Quartzite, a favourable host for Keno Hill type veins. Additional prospecting, sampling, VLF surveying and possible trenching is warranted, particularly in the vicinity of B3R and B46R and along the projected extent of the northeast structure.

Anomalous gold in stream sediment values (up to 760 ppb Au) were obtained from the eastern property area in the Silver Basin Gulch area. The Nero Showing, with quartz veins with minor galena, is reported approximately 1 km southeast of the B property. Detailed prospecting is warranted on the eastern B claims and to the east of the property, particularly upstream of sample B32M, which contained 760 ppb Au.

Additional mapping is still warranted along the individual creeks across the property where there is good exposure and at the higher elevations, which were snow covered during the 2001 program.

A program of additional mapping, detailed prospecting and sampling, with VLF surveying and limited mechanized trenching is recommended for 2001. Mapping, detailed prospecting and sampling are warranted in the vicinity of B3R and west of Trench 2, upstream of sample B55M in Faro Gulch, along the projected extent and intersection of the two northeast structures mapped on the property and at the east end of the property around Silver Basin Gulch. VLF-EM surveying would be useful in following the northeast structures, in tracing the mineralization at the Moon Adit and in locating additional mineralized veins on the property. A budget of \$20,000 would be required as follows:

Wages: (20 man days @ \$400/day)	\$ 8,000.00
Accommodation and Meals:	1,500.00
Equipment Rental, Supplies:	1,500.00
Geochemistry:	1,500.00
Mobilization/demobilization	2,000.00
Report and Drafting:	2,500.00
Trenching	2,000.00
Miscellaneous:	<u>1,000.00</u>
 TOTAL:	 \$ 20,000.00

APPENDIX I

Selected References

- Bostock, H.S. (1947): Mayo, YT; Geological Survey of Canada Map 890A, scale 1:253,440.
- Boyle, R. W. (1965): Geology, geochemistry and origin of the lead-zinc-silver deposits of the Keno Hill - Galena Hill area, YT; Geological Survey of Canada Bulletin 111 (includes Map 1147A).
- Kindle, E. D. (1962): Geology of the Mayo map area, YT; Geological Survey of Canada, Map, scale 1:253,440
- Murphy D. C. and Roots C. M. (1992): Geology of Keno Hill Map Area, YT (105 M/14); Geological Survey of Canada Open File 1992-3, scale 1:50,000.
- Roots C. M. and Murphy D. C. (1992): Geology of Mayo Map Area (105 M); Geological Survey of Canada Open File 2483, scale 1:250,000.
- Yukon Minfile (1998): Yukon Geology Program, IMS Ltd., NTS 105 M/14.

APPENDIX II

Geochemical Procedure and Results

Analytical Procedure Assessment Report

GEOCHEMICAL GOLD ANALYSIS

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a prenumbered bag.

The sample is weighed to 10/15/30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

K:Methods/geoauana

Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Samples unable to produce adequate -80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with aqua regia which contains beryllium which acts as an internal standard. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

K:Methods/methicp

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2001-112

RICHARD E. FISCHER
2616-126 AVE. S.W.
CALGARY, ALBERTA
T2W 3V6

No. of samples received: 29
Sample type: Rock
Project #: None Given
Shipment #: None Given
Samples submitted by: Jean Pautler

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	B1R	300	1.2	3.72	50	50	<5	5.27	1	38	147	191	7.76	<10	2.49	1287	<1	0.01	54	970	28	<5	<20	99	0.01	<10	146	<10	<1	98
2	B2R	145	0.2	0.25	2675	35	<5	1.40	9	1	81	14	0.66	<10	0.03	262	2	0.02	2	90	8	<5	<20	36	<0.01	<10	<1	<10	7	175
3	B3R	125	<0.2	0.03	345	<5	<5	0.33	122	<1	225	13	1.07	<10	<0.01	122	3	<0.01	7	30	8	<5	<20	6	<0.01	<10	<1	<10	<1	6860
4	B4R	135	0.8	0.30	10	20	<5	0.08	3	2	186	20	1.29	<10	0.14	130	2	0.01	7	360	40	<5	<20	3	<0.01	<10	4	<10	<1	153
5	B5R	245	1.6	1.94	20	30	10	0.14	2	13	110	63	8.90	<10	0.93	319	2	0.02	22	1680	54	<5	<20	16	<0.01	<10	30	20	<1	154
6	B6R	55	0.4	0.61	265	155	<5	0.62	6	26	94	25	4.45	30	0.16	310	2	0.03	46	1180	42	<5	<20	20	<0.01	<10	2	<10	<1	458
7	B11R	70	<0.2	0.09	10	10	<5	>10	4	<1	130	12	0.63	<10	0.35	290	2	<0.01	5	890	<2	<5	<20	862	<0.01	<10	2	<10	49	35
8	B12R	80	<0.2	0.09	10	10	<5	>10	2	<1	16	3	0.56	<10	0.30	216	2	<0.01	3	2430	<2	<5	<20	869	<0.01	<10	3	<10	21	16
9	B18R	75	<0.2	2.83	20	170	<5	1.46	2	40	202	198	6.09	<10	1.88	867	3	0.02	56	1310	24	<5	<20	35	0.35	<10	98	<10	7	127
10	B19R	85	<0.2	2.76	<5	155	<5	1.57	2	94	187	998	6.15	<10	1.93	992	4	0.02	181	1270	22	<5	<20	17	0.27	<10	86	<10	<1	140
11	B20R	195	<0.2	2.54	<5	80	<5	1.41	1	37	132	193	5.55	<10	1.87	803	2	0.02	46	950	24	<5	<20	29	0.24	<10	104	<10	3	100
12	B34R	75	0.2	0.59	10	60	<5	0.52	2	10	177	34	2.05	<10	0.50	472	4	0.01	32	400	10	<5	<20	36	<0.01	<10	12	<10	<1	75
13	B35R	60	<0.2	0.16	5	20	<5	2.40	3	5	152	10	2.10	<10	0.57	675	1	<0.01	15	450	12	<5	<20	99	<0.01	<10	4	<10	<1	65
14	B41R	65	0.6	0.23	30	70	<5	>10	3	12	48	73	2.19	<10	0.76	1067	5	0.01	18	450	16	<5	<20	979	<0.01	<10	7	<10	20	74
15	B42R	55	<0.2	0.57	70	210	<5	3.73	2	20	82	24	3.58	<10	1.15	573	11	0.03	52	1340	4	<5	<20	71	<0.01	<10	22	<10	<1	76
16	B46R	60	6.0	0.27	55	20	<5	0.74	13	10	254	50	2.92	<10	0.24	1390	6	0.01	25	250	418	5	<20	20	<0.01	<10	4	<10	<1	607
17	B52R	110	<0.2	0.02	5	5	<5	>10	2	<1	59	6	0.36	<10	0.06	190	<1	0.01	2	220	<2	<5	<20	878	<0.01	<10	1	<10	15	16
18	B53R	95	0.2	0.47	35	20	<5	0.25	2	2	168	15	1.79	20	0.37	52	7	0.03	9	1120	6	<5	<20	9	<0.01	<10	32	<10	<1	39
19	B54R	55	0.6	0.13	50	20	<5	0.15	2	2	166	124	2.41	<10	0.06	54	6	0.02	11	1230	10	<5	<20	4	<0.01	<10	8	<10	<1	54
20	B56R	65	0.4	0.04	125	10	<5	3.06	6	3	112	43	2.31	<10	0.80	748	2	<0.01	16	130	24	<5	<20	76	<0.01	<10	2	<10	<1	375
21	B57R	40	2.2	0.05	<5	25	<5	0.64	16	3	164	100	1.04	<10	0.09	311	6	0.01	14	200	4	<5	<20	20	<0.01	<10	2	<10	<1	513
22	B58R	50	0.6	0.44	5	45	<5	0.37	2	3	184	31	1.71	<10	0.23	590	2	0.01	12	230	8	<5	<20	6	<0.01	<10	7	<10	<1	59
23	B59R	90	9.0	0.24	60	55	<5	0.96	11	14	169	54	4.88	<10	0.34	1064	5	<0.01	26	260	1718	30	<20	46	<0.01	<10	3	<10	<1	1155
24	B60R	>1000	>30	0.06	>10000	5	<5	0.32	570	12	120	156	4.86	<10	0.05	326	<1	<0.01	6	80	>10000	165	<20	11	<0.01	<10	<1	<10	<1	>10000
25	B61R	>1000	>30	0.19	600	20	25	0.34	285	18	171	81	3.08	<10	0.09	899	3	0.01	34	210	>10000	195	<20	21	<0.01	<10	3	<10	<1	>10000
26	B62R	>1000	>30	0.03	>10000	<5	35	0.12	80	10	252	65	5.07	<10	<0.01	91	4	0.01	13	110	>10000	615	<20	24	<0.01	20	1	<10	<1	2117
27	B63R	115	4.5	0.26	160	35	<5	0.37	10	17	152	45	2.37	<10	0.12	583	9	<0.01	53	460	506	5	<20	19	<0.01	<10	4	<10	<1	723
28	B64R	150	>30	0.06	1430	<5	<5	0.02	3	10	49	159	>10	<10	<0.01	65	17	<0.01	8	90	3332	<5	<20	3	<0.01	<10	2	10	<1	636
29	B65R	>1000	>30	0.07	>10000	20	<5	0.07	1100	27	170	126	>10	<10	<0.01	224	<1	<0.01	7	160	>10000	850	<20	26	<0.01	<10	1	<10	<1	>10000

QC DATA:

Resplit:		1	B1R	330	1.4	3.49	55	50	<5	5.04	2	33	137	179	7.36	<10	2.32	1249	<1	0.01	47	950	30	<5	<20	93	0.01	<10	135	<10	<1	100
Repeat:		1	B1R	300	1.6	4.06	50	50	<5	5.62	2	40	159	208	8.39	<10	2.71	1387	1	0.02	59	1050	28	<5	<20	107	0.01	<10	160	<10	<1	106
		19	B54R	60	0.8	0.14	50	20	<5	0.15	3	3	168	127	2.43	<10	0.06	56	6	0.02	13	1250	10	<5	<20	5	<0.01	<10	8	<10	<1	53
Standard:		GEO'01		125	1.4	1.85	65	170	<5	2.04	2	23	64	84	4.03	<10	1.15	869	<1	0.03	24	790	24	<5	<20	62	0.10	<10	92	<10	4	73

CERTIFICATE OF ASSAY AK 2001-112

RICHARD E. FISCHER
2616-126 AVE. S.W.
CALGARY, ALBERTA
T2W 3V6

19-Jun-01

No. of samples received: 29
Sample type: Rock
Project #: None Given
Shipment #: None Given
Samples submitted by: Jean Pautler

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
24	B60R	1.44	0.042	264.0	7.70	3.89	4.62
25	B61R	1.19	0.035	292.0	8.52	3.65	2.17
26	B62R	1.44	0.042	459.0	13.39	6.35	-
28	B64R	-	-	44.0	1.28	-	-
29	B65R	5.18	0.151	586.0	17.09	7.99	7.89

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

XLS/01

19-Jun-01

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2001-115

RICHARD E. FISHER
2616-126 AVE. S.W.
CALGARY, ALBERTA
T2W 3V6

No. of samples received: 28

Sample type: Moss Mat

Project #: B Claims

Shipment #: None Given

Samples submitted by: Jean Pautler

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	B7M	550	>30	0.41	1035	70	<5	0.54	20	27	9	203	4.30	<10	0.34	6370	7	<0.01	39	1910	>10000	185	<20	42	0.01	<10	11	<10	1	1318
2	B8M	210	>30	0.41	595	65	<5	0.49	18	22	8	153	3.89	<10	0.32	5157	5	<0.01	35	1810	>10000	155	<20	37	0.01	<10	10	<10	2	1135
3	B9M	5	2.4	0.11	5	70	<5	2.91	5	2	2	47	0.34	<10	0.20	1530	<1	<0.01	17	890	126	<5	<20	99	<0.01	<10	2	<10	<1	141
4	B10M	<5	<0.2	0.20	<5	35	<5	1.34	2	1	1	55	0.20	<10	0.13	323	<1	<0.01	7	450	10	<5	<20	38	<0.01	<10	<1	<10	<1	47
5	B14M	135	>30	0.53	75	85	<5	0.94	58	8	13	51	6.96	<10	0.80	>10000	<1	<0.01	22	970	846	25	<20	36	0.04	<10	17	<10	<1	5298
6	B17M	25	1.6	0.51	45	155	5	1.28	7	12	9	61	2.43	<10	0.26	2244	6	<0.01	42	1560	24	<5	<20	49	<0.01	<10	14	<10	1	256
7	B21M	<5	0.6	0.63	30	125	<5	0.68	5	21	11	36	2.17	<10	0.32	1306	3	<0.01	47	1280	20	<5	<20	30	0.01	<10	17	<10	4	365
8	B24M	5	0.8	0.67	30	90	<5	0.76	2	10	12	41	2.12	<10	0.29	480	3	<0.01	20	1220	30	<5	<20	29	<0.01	<10	17	<10	2	99
9	B25M	10	0.6	0.68	35	130	<5	0.58	3	11	12	49	2.34	<10	0.27	523	4	<0.01	20	1290	28	5	<20	24	<0.01	<10	17	<10	3	125
10	B26M	10	1.4	0.65	25	265	<5	1.65	8	18	13	47	2.63	<10	0.35	6503	3	<0.01	33	1040	40	<5	<20	75	0.02	<10	17	<10	<1	331
11	B28M	<5	0.2	0.61	45	50	<5	0.69	1	12	12	48	2.50	<10	0.45	481	3	<0.01	29	1370	26	<5	<20	24	<0.01	<10	16	<10	2	110
12	B30M	<5	0.4	0.38	25	100	<5	2.10	2	10	7	71	1.68	<10	0.32	1675	2	<0.01	23	1440	16	<5	<20	65	<0.01	<10	9	<10	<1	109
13	B32M	760	1.8	0.57	75	90	<5	0.54	2	16	12	67	2.73	<10	0.40	740	4	<0.01	33	1200	96	<5	<20	23	0.01	<10	16	<10	<1	229
14	B33M	135	1.2	0.64	60	125	<5	0.50	2	14	12	72	2.70	<10	0.42	743	4	<0.01	33	1260	84	<5	<20	25	0.01	<10	17	<10	<1	218
15	B35M	70	1.4	0.76	65	140	<5	0.65	3	16	14	88	2.85	<10	0.46	1370	4	<0.01	36	1210	82	<5	<20	33	0.01	<10	18	<10	2	252
16	B36M	280	<0.2	0.61	35	40	<5	0.72	<1	11	11	47	2.04	10	0.46	306	2	<0.01	20	1940	26	<5	<20	23	0.01	<10	16	<10	8	95
17	B37M	60	0.8	0.58	30	170	<5	1.02	5	17	9	95	3.06	<10	0.29	1926	6	<0.01	26	1850	28	<5	<20	40	<0.01	<10	15	<10	<1	204
18	B38M	5	<0.2	0.55	35	35	<5	0.47	<1	12	11	47	2.26	<10	0.40	319	2	<0.01	26	1210	22	<5	<20	17	<0.01	<10	14	<10	1	107
19	B39M	130	>30	0.43	345	55	<5	0.39	13	17	7	140	3.47	<10	0.33	3987	4	<0.01	31	1290	4528	100	<20	29	0.01	<10	9	<10	<1	947
20	B43M	<5	1.0	0.62	30	105	<5	1.39	2	10	13	49	1.72	<10	0.34	501	1	<0.01	19	1060	32	<5	<20	44	0.01	<10	20	<10	3	123
21	B44M	<5	0.6	0.53	10	120	<5	1.85	4	7	9	73	1.30	<10	0.37	565	1	<0.01	20	1320	34	<5	<20	62	<0.01	<10	14	<10	5	125
22	B45M	<5	0.6	0.60	10	130	<5	1.06	3	9	11	36	1.52	<10	0.35	730	1	<0.01	15	960	28	<5	<20	35	0.01	<10	17	<10	2	107
23	B47M	210	0.8	0.68	25	75	<5	0.68	2	11	12	40	2.29	<10	0.39	495	2	<0.01	23	1580	40	<5	<20	23	0.01	<10	17	<10	7	142
24	B48M	50	0.4	0.55	35	35	<5	0.43	<1	12	11	53	2.35	<10	0.39	342	2	<0.01	27	1200	22	<5	<20	17	<0.01	<10	14	<10	<1	90
25	B49M	<5	<0.2	0.51	35	30	<5	0.44	<1	11	10	45	2.18	<10	0.37	387	2	<0.01	24	1160	18	<5	<20	16	<0.01	<10	13	<10	1	89
26	B50M	<5	1.0	0.71	60	110	<5	0.77	4	20	11	85	2.78	<10	0.32	1082	5	<0.01	48	1230	36	<5	<20	28	<0.01	<10	18	<10	6	242
27	B51M	<5	1.0	0.67	50	125	<5	0.54	2	15	12	51	2.64	<10	0.26	1158	5	<0.01	25	1090	40	<5	<20	20	<0.01	<10	18	<10	3	152
28	B55M	730	>30	0.47	925	75	<5	0.56	20	27	8	193	4.16	<10	0.37	5414	7	<0.01	36	1940	>10000	185	<20	43	0.01	<10	11	<10	3	1260

QC DATA:

Repeat:

1	B7M	610	>30	0.41	995	70	<5	0.52	20	26	8	190	4.15	<10	0.34	6284	7	<0.01	36	1860	>10000	185	<20	39	0.02	<10	10	<10	1	1302
10	B26M	10	1.6	0.67	35	275	<5	1.75	7	20	14	45	2.80	<10	0.36	6781	2	<0.01	37	1120	24	<5	<20	72	0.02	<10	17	<10	<1	370
19	B39M	115	>30	0.43	345	55	<5	0.40	13	17	7	128	3.46	<10	0.33	3901	4	<0.01	30	1290	4420	115	<20	28	<0.01	<10	9	<10	<1	957

Standard:

GEO'01	-	1.6	1.62	50	145	<5	1.54	<1	18	51	91	3.39	<10	0.92	669	<1	0.01	24	690	48	<5	<20	59	0.09	<10	68	<10	4	73
--------	---	-----	------	----	-----	----	------	----	----	----	----	------	-----	------	-----	----	------	----	-----	----	----	-----	----	------	-----	----	-----	---	----

df/111

XLS/01

CC: Jean Pautler

Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

19-Jun-01

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2001-114

RICHARD E. FISCHER
2616-126 AVE. S.W.
CALGARY, ALBERTA
T2W 3V6

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

No. of samples received: 7
Sample type: Sand
Project #: None Given
Shipment #: None Given
Samples submitted by: Jean Pautler

Values in ppm unless otherwise reported

Et #.	Tag #	Fraction	Weights	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	B13D	+80(786.0)	-80(59.0)	80	0.6	0.35	45	55	<5	0.42	3	11	10	41	2.84	10	0.17	230	7	<0.01	42	1350	24	<5	<20	16	0.01	<10	14	<10	<1	216
2	B15D	+80(1459.0)	-80(113.0)	25	0.6	0.27	30	50	<5	0.49	2	11	7	33	2.82	<10	0.14	265	10	<0.01	40	1690	22	<5	<20	17	<0.01	<10	10	<10	<1	204
3	B16D	+80(724.0)	-80(71.0)	25	0.4	0.51	30	100	<5	0.43	4	26	11	24	2.22	<10	0.29	1440	3	<0.01	40	1180	22	<5	<20	17	0.01	<10	16	<10	2	334
4	B22D	+80(1182.0)	-80(138.0)	50	<0.2	0.36	30	70	<5	0.55	1	9	8	32	2.35	10	0.18	286	6	<0.01	27	1650	16	<5	<20	19	<0.01	<10	12	<10	<1	153
5	B23D	+80(1552.0)	-80(295.0)	45	>30	0.22	90	60	<5	0.94	30	7	13	37	>10	<10	1.17	>10000	2	<0.01	16	820	1422	45	<20	18	0.07	<10	13	<10	<1	2531
6	B27D	+80(4924.0)	-80(639.0)	30	0.4	0.40	30	25	<5	0.40	<1	9	8	33	1.88	<10	0.30	412	2	<0.01	21	1060	20	<5	<20	13	<0.01	<10	11	<10	<1	97
7	B31D	+80(2366.0)	-80(53.0)	55	1.2	0.54	60	150	<5	1.13	3	22	12	60	2.69	<10	0.41	5585	5	<0.01	41	1050	74	10	<20	38	0.02	<10	14	<10	<1	203

QC DATA:

Repeat:

1	B13D	-	0.4	0.34	45	55	<5	0.41	3	11	10	39	2.79	20	0.17	225	7	<0.01	42	1270	24	<5	<20	14	0.01	<10	13	<10	<1	213	
6	B27D	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Standard:

GEO'01	-	1.2	1.55	55	140	<5	1.58	<1	18	52	85	3.47	<10	0.87	680	<1	0.01	25	740	26	<5	<20	55	0.09	<10	67	<10	3	79
--------	---	-----	------	----	-----	----	------	----	----	----	----	------	-----	------	-----	----	------	----	-----	----	----	-----	----	------	-----	----	-----	---	----

df/111
XLS/01
CC: Jean Pautler

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

19-Jun-01

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2001-113

RICHARD E. FISCHER
2616-126 AVE. S.W.
CALGARY, ALBERTA
T2W 3V6

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

No. of samples received: 2
Sample type: Silt
Project #: None Given
Shipment #: None Given
Samples submitted by: Jean Pautler

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	B29L	10	0.2	0.66	30	80	<5	0.45	<1	13	14	33	2.39	<10	0.36	470	3	<0.01	21	1180	22	<5	<20	16	0.01	<10	20	<10	<1	115
2	B40L	20	4.8	0.55	50	85	<5	0.60	1	10	11	30	2.36	<10	0.27	443	4	<0.01	22	1050	34	<5	<20	19	<0.01	<10	17	<10	<1	135

QC DATA:

Repeat:																															
1	B29L	5	0.2	0.66	35	75	<5	0.44	1	13	13	31	2.35	<10	0.36	467	3	<0.01	20	1220	20	<5	<20	14	0.01	<10	20	<10	<1	114	
Standard:																															
GEO'01		-	1.2	1.51	60	135	<5	1.53	<1	18	51	83	3.38	<10	0.85	654	<1	0.01	23	730	26	5	<20	52	0.09	<10	65	<10	2	76	

df/111
XLS/01
CC: Jean Pautler

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

APPENDIX III - Statement of Expenditures

Wages:	J. Pautler	10 days @ 400.00/day	\$4,000.00
	G. Millen	10 days @ 400.00/day	4,000.00
		Total: 20 man-days	\$ 8,000.00
		Preparation and Mob/Demob (from Watson Lake)	2,250.00
Geochemistry:	29 rocks	Au, ICP	
	37 stream sediments	Au, ICP	
	16 rock assays	Au, Ag, Pb, Zn	
		Total:	\$1,489.77
Shipping:			210.00
Equipment Rental:	Truck 12days @ 50./day	600.00	
	ATV 12days @ 40./day	480.00	
		Total:	1,080.00
Snow ploughing:			500.00
Meals, Accommodation:	20 man-days		1,524.80
Groceries:			195.59
Field Supplies:	(flagging tape, thread, sample bags)		
	20 man-days @ 15./md		300.00
Gas:			230.00
Maps & Prints:			250.00
Report & Drafting:			<u>\$ 2,900.00</u>
GRAND TOTAL:			\$ 18,430.16
Total Amount Applied for Assessment			\$ 14,000.00

APPENDIX IV

STATEMENT OF QUALIFICATION

I, Jean Marie Pautler, do hereby certify that:

I am a geologist with more than twenty years of experience.

I am a graduate of Laurentian University, Sudbury, Ontario with an Honours B.Sc. degree in geology (May, 1980).

I am a Professional Geoscientist, registered in the province of British Columbia.

I supervised and implemented the 2001 exploration program on the B property between May 23 and June 6, 2001.

I have no direct or indirect interest in the B property, which is the subject of this report.

Jean Pautler.

Jean Pautler, P.Geol.

JP Exploration Services Inc.