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GEOLOGICAL REPORT  
ON THE  
MYSTERY 1 & 2 AND CHANCE 2 & 4 MINERAL CLAIMS

- Prepared for -  
BARYTEX RESOURCE CORP.

Located in the Iskut River Area  
Liard Mining Division  
NTS 104B/10E  
56°40' North Latitude  
130°41' West Longitude

- Prepared by -  
S.L. TODORUK, Geologist  
C.K. IKONA, P.Eng.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

20,126

June, 1990

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 90.11.24

ASSESSMENT REPORT 20126

MINING DIVISION: Liard

PROPERTY: Mystery  
LOCATION: LAT 56 40 00 LONG 130 41 00  
UTM 09 6281335 396830  
NTS 104B10E

CAMP: 050 Stewart Camp

CLAIM(S): Mystery 1-2, Chance 2, Chance 4

OPERATOR(S): Barytex Res.

AUTHOR(S): Ikona, C.K.; Todoruk, S.L.

REPORT YEAR: 1990, 60 Pages

COMMODITIES

SEARCHED FOR: Copper, Gold, Silver

KEYWORDS: Jurassic, Betty Creek Formation, Pyroclastics, Pillow lavas  
Greywackes, Argillites, Gold

WORK

DONE: Geochemical

ROCK 35 sample(s) ;AU,ME  
Map(s) - 1; Scale(s) - 1:10 000

SILT 6 sample(s) ;ME

SOIL 15 sample(s) ;AU,ME

RELATED

REPORTS: 18198

MINFILE: 104B

FILMED

GEOLOGICAL REPORT on the MYSTERY 1 & 2 and CHANCE 2 & 4 MINERAL CLAIMS

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**GEOLOGICAL REPORT on the MYSTERY 1 & 2 and CHANCE 2 & 4 MINERAL CLAIMS**

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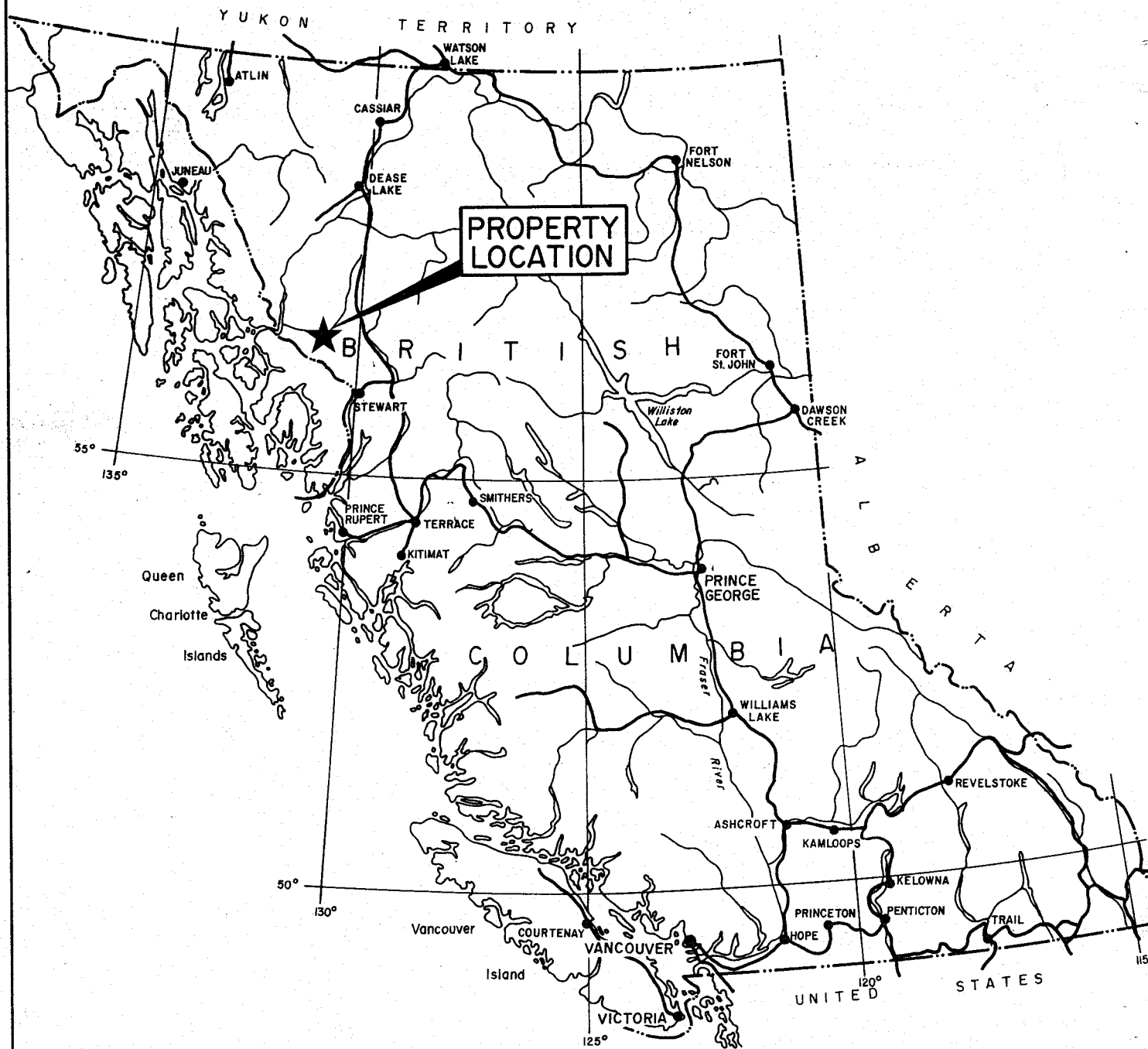
## 1.0 INTRODUCTION

Barytex Resource Corp. holds an option to earn a 100% interest in the Mystery 1 & 2 and Chance 2 & 4 mineral claims (80 units) located within the Iskut River-Eskay Creek area of the Liard Mining Division, British Columbia. The claims were staked in 1987 to cover favourable geology similar to that which hosts the Skyline Stonehouse and Cominco/Prime Snip gold deposits. Recent government geological mapping indicates that the property is also underlain by time equivalent lithologies which host Prime Resources/Stikine Resources' Eskay Creek precious and base metal deposit which contains a multi-million ounce gold equivalent reserve.

An agreement allows Noranda Exploration Company Limited (Norex) to earn a 50% interest in the property subject to certain conditions with Noranda acting as project operator.

Exploration work carried out on the claims in 1989 was aimed at following up anomalous rock chip and heavy mineral concentrate stream sediment samples obtained in 1988. The field work was successful in identifying several exciting new gold discoveries. Significant visible gold was obtained from panned concentrates along Lehto Creek. Seven hundred metres upstream to the east along Lehto Creek, mineralized quartz veins and talus assayed between 4,010 and 5,000 ppb gold. As well, follow-up work by Norex during their initial property examination located an auriferous quartz-pyrite shear along Ernie Creek on the east side of the property. Assays ranged up to 2.280 oz/ton gold. Further upslope across the eastern claim boundary, Norex also identified several massive pyrite boulders which assayed in the 1.0 oz/ton gold range.

Excellent potential exists on Barytex Resource Corp.'s Mystery and Chance mineral claims for identifying a significant gold bearing structure based on 1989 field work on the property. Noranda Exploration Company Limited will be carrying out an extensive and thorough property evaluation during 1990.



<b>BARYTEX RESOURCES CORP.</b>			
MYSTERY 1 & 2, CHANCE 2 & 4 CLAIM GROUP.			
<b>PROPERTY LOCATION MAP</b>			
<b>EQUITY ENGINEERING LTD.</b>			
Drawn.	N.T.S.	Date.	Fig. No.
J.W.	104 B/10E.		1

## 2.0 LIST OF CLAIMS

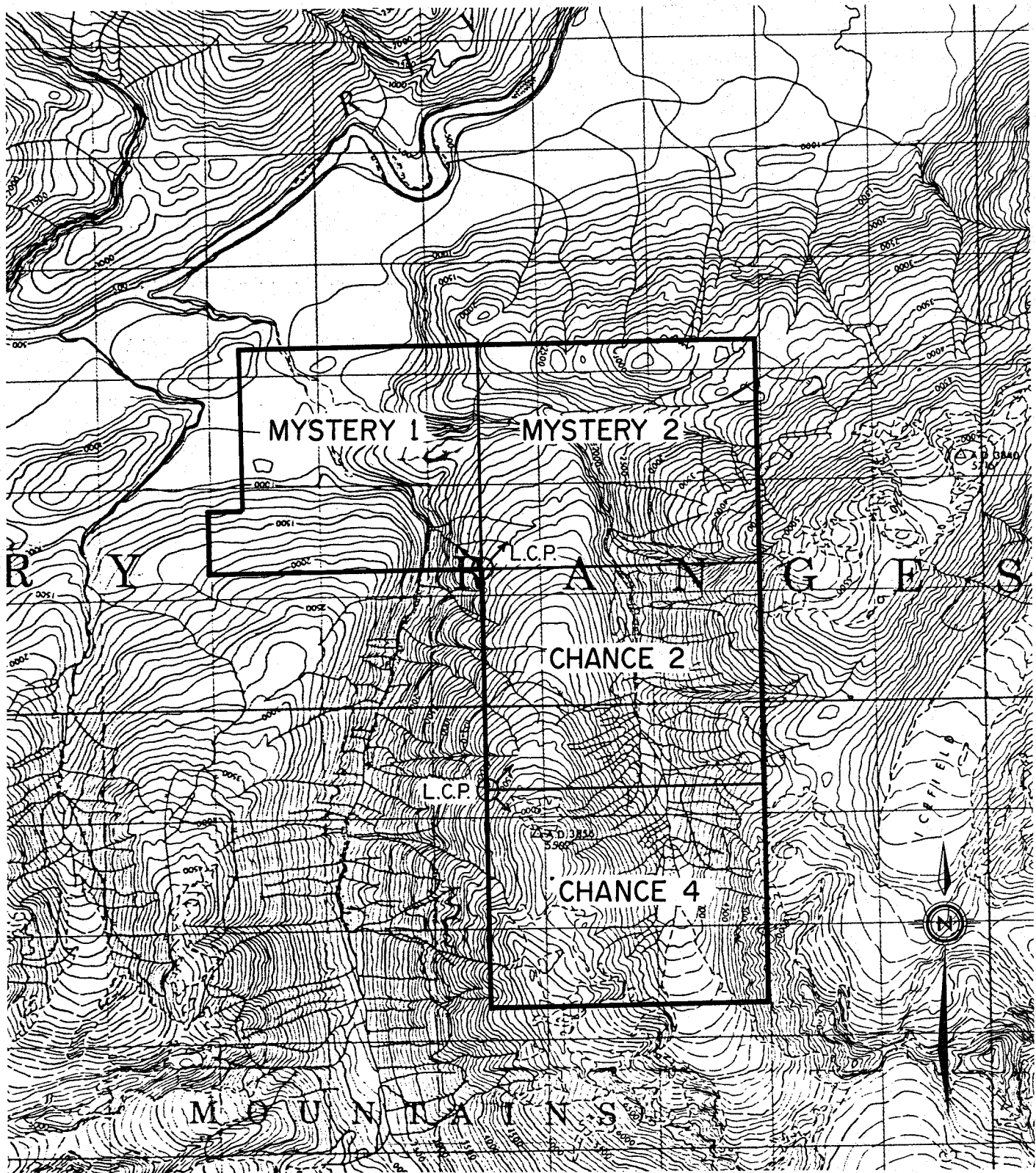
Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources show that the following claims (Figure 2) are owned by Steve L. Todoruk. Barytex Resource Corp. has entered into an option agreement to earn a 100% interest in the property. Subsequently, Noranda Exploration Company Limited has entered into an agreement with Barytex to earn a 50% interest in the property subject to certain conditions.

<u>Claim Name</u>	<u>Record Number</u>	<u>No. of Units</u>	<u>Record Date</u>	<u>Expiry Date</u>
Mystery 1	4649	20	June 14, 1988	June 14, 1992
Mystery 2	4650	20	June 14, 1988	June 14, 1992
Chance 2	4256	20	October 16, 1987	October 16, 1992
Chance 4	4648	20	June 14, 1988	June 14, 1992

## 3.0 LOCATION, ACCESS AND GEOGRAPHY

The Mystery 1 & 2 and Chance 2 & 4 mineral claims are located on the eastern edge of the Coast Range Mountains approximately 140 kilometres northwest of Stewart, British Columbia (Figure 1). The claims lie within the Liard Mining Division centred at 56°40' north latitude and 130°41' west longitude (NTS Sheet 104B/10E).

Access to the property is by helicopter from the Bronson Creek gravel air strip, located approximately 22 kilometres to the west. Daily scheduled flights to the strip from Terrace and Stewart have been available during the field season using fixed wing aircraft. Alternate access may be possible from the airstrip constructed by Skyline Explorations Ltd. on Johnny Flats, about 23 kilometres west of the property or from the Snippaker gravel air strip located approximately 11 kilometres to the south-southwest.



BARYTEX RESOURCES CORP.			
MYSTERY 1 & 2, CHANCE 2 & 4 CLAIM GROUP CLAIM MAP			
EQUITY ENGINEERING LTD.			
Drawn J.W.	N.T.S. 104 B/10E	Date. MAY, 1990	Fig. No. 2





The terrain within the property is quite rugged. Elevations range from under 215 metres (700 feet) in the Iskut River valley to a 1677 metre (5,502 feet) peak in the northwest corner of the Chance 4 mineral claim. The claims cover the tributaries and the junction of the northerly and easterly trending branches of a creek which empties into the Iskut River. The northerly trending creek is a steep walled U-shaped valley typical of a glaciated terrain.

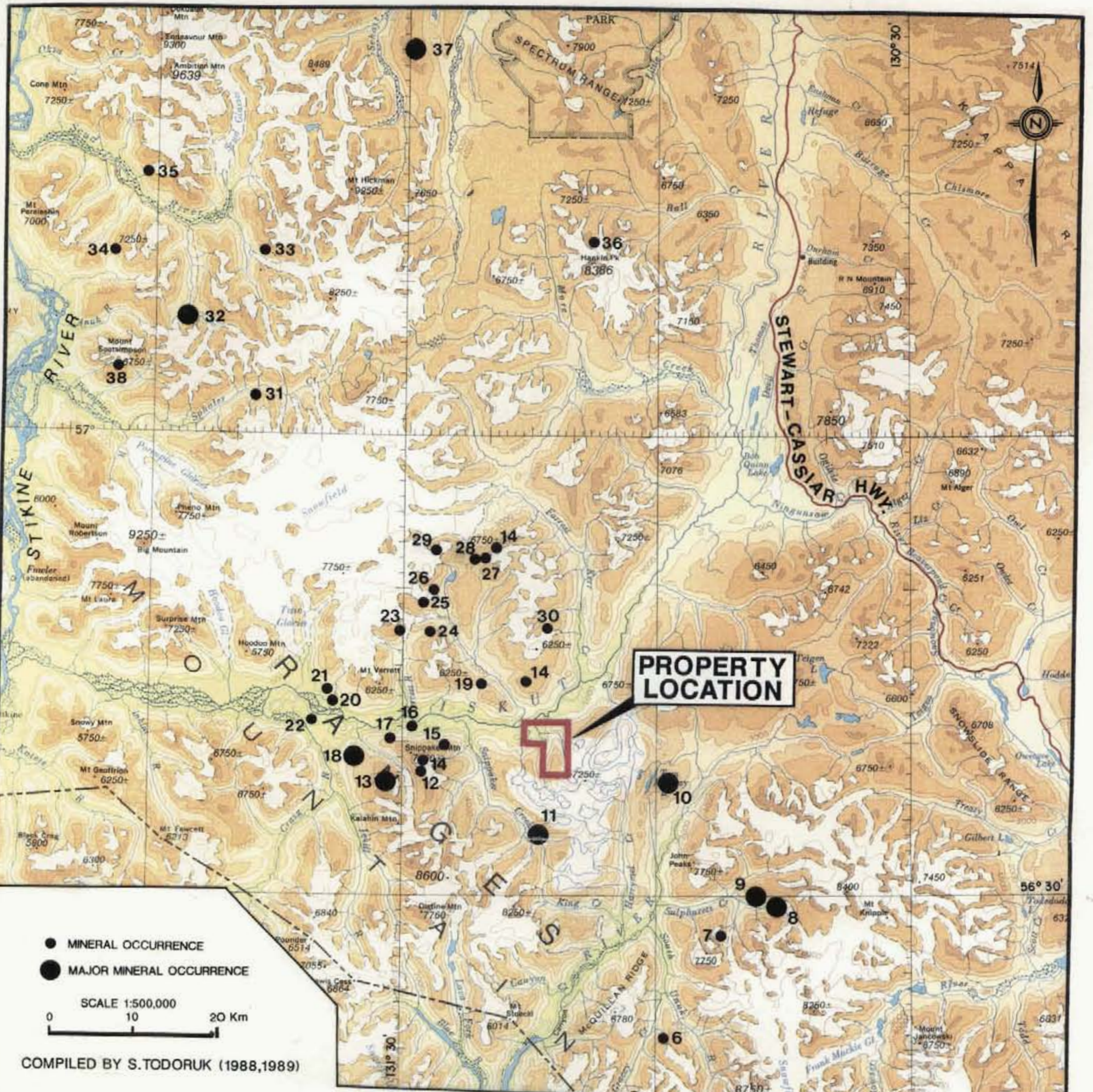
Lower slopes are covered with a dense growth of hemlock and spruce with an undergrowth of devil's club and huckleberry. Steeper open slopes are covered by dense slide alder growth with treeline at approximately 1200 metres (4,000 feet). Both summer and winter temperatures are moderate although annual rainfall may exceed 200 centimetres and over 80 centimetres (6 feet) of compacted snow will occur at higher elevations.

Rugged topography, climate and vegetation all inhibit traversing throughout the claim group. Therefore, operating with local helicopter support appears to be the most practical and cost effective means of exploring the Mystery/Chance property during reconnaissance-style programs.

#### 4.0 AREA HISTORY

Figure 3 of this report presents a 1:500,000 scale map of northwestern B.C. from the town of Stewart in the south to near Telegraph Creek in the north, a distance of 225 kilometres. Within this area, a semi-arcuate band of Hazelton equivalent volcanic and sedimentary rocks with their metamorphic equivalents trend northwest and contain most of the known mineral occurrences. This group is bounded by the Coast Range intrusive complex to the west and by the much younger sediments of the Bowser Basin to the east.

This area of approximately 10,000 square kilometres has historically been referred to as the Stikine Arch. Mining activity within it goes back to the turn of the century. Due to the large size of the region it has been referred



**PROPERTY LOCATION**

- MINERAL OCCURRENCE
- MAJOR MINERAL OCCURRENCE

SCALE 1:500,000  
0 10 20 Km

COMPILED BY S. TODORUK (1988, 1989)

**PROPERTY OWNER**

1. Vestain Resources Ltd./Silbak Premier Mines
2. Vestain Resources Ltd./Tournaigan Mining Explorations Ltd.
3. Noranda (Todd Creek Project)
4. Scottie Gold Mine
5. Granduc
6. Canadian Cariboo Resources/Magna Ventures/Silver Princess Resources (Doc Project)
7. Placer Dome Inc. (Kerr Project)
8. Catear Resources Ltd. (Gold Vedge Project)
9. Newhawk/Granduc (Sulphurets West Zone Project)
10. Calpine/Stikine Resources Ltd. (Kakay Creek Project)
11. Consolidated Silver Standard Mines Ltd. (E & L Deposit)
12. Inel Resources Ltd.
13. Skyline Gold Corporation (Johnny Mountain Mine)
14. Kastrel Resources Ltd.
15. Hector Resources Inc./Nepheleine Resources Ltd. (Golden Spray Vein)
16. Tongco Resources Corp./Big M Petroleum
17. Winslow
18. Cominco/Prime Resource Corp. (Sasip Deposit)
19. Pezgold Resource Corp.
20. Meridian Resources Ltd.
21. Prime Resource Corp./American Ore Ltd./Golden Band
22. Magenta Development Corp./Crest Resources Ltd.
23. Ticker Tape Resources Ltd./Tymar Resources Inc. (King Vein)
24. Pezgold Resource Corp.
25. Consolidated Sea-Gold Corp./Bryndon Ventures Inc.
26. Gulf International Minerals Ltd. (Northwest Zone)
27. Consolidated Caprock Resources/Flinrin Resources Ltd. (Kerr Claims)
28. Pezgold Resource Corp. (Cuba Zone)
29. Pezgold Resource Corp. (Ken Zone)
30. Avondale Resources Inc. (Forrest Project)
31. Pass Lake Resources Ltd./Larica Resources Ltd. (Trek Project)
32. Hudson Bay/Cominco/Kenoco (Galore Creek Deposit)
33. Continental Gold Corp./Gigi Resources Ltd./Goldbelt Mines Ltd.
34. Helix Resources Ltd./Sarabat Resources Ltd. (Jack Wilson Project)
35. Pass Lake Resources Ltd./Consolidated Goldwest Ltd. (JD Project)
36. Lac Minerals (Hankin Peak Project)
37. Schaff Creek
38. Consolidated Silver Standard/Pacific Century Expl. (Paydirt Project)

**MINERAL RESERVES AND/OR ELEMENTS**

- 6,100,000 tonnes 0.064 oz/ton Au, 2.39 oz/ton Ag
- 1,860,000 tonnes 0.09 oz/ton Au, 0.67 oz/ton Ag
- Au
- 10,890,000 tons 1.79% Cu
- 670,000 tons 0.27 oz/ton Au, 1.31 oz/ton Ag
- 66 million tons, .36% Cu, .016 oz/ton Au
- 375,000 tons 0.75 oz/ton Au, 1.0 oz/ton Ag
- 715,400 tons 0.43 oz/ton Au, 19.70 oz/ton Ag
- 1.25 million tons 1.52 oz/ton Au, 38.0 oz/ton Ag
- 3,200,000 tons 0.80% Ni, 0.60% Cu
- Au, Ag, Cu, Pb, Zn
- 740,000 tons 0.52 oz/ton Au, 1.0 oz/ton Ag, 0.65% Cu
- Au, Ag, Cu, Pb, Zn
- Au, Ag
- Au, Ag, Cu, Pb, Zn
- Au, Ag, Cu, Pb, Zn
- 1,032,000 tons 0.875 oz/ton Au
- Ag, Au
- Au
- Au
- Au, Ag, Cu, Pb
- Au
- Au
- Au
- Au, Ag, Cu
- Ag, Cu, Au
- Ag, Pb, Zn
- Cu, Au
- Au, Ag, Cu
- Cu, Au
- 125,000,000 tonnes 1.06% Cu, 0.397 g/t Au, 7.94 g/t Ag
- Au, Ag, Cu
- Au, Cu
- Au, Cu
- Au
- 910,000,000 tonnes 0.30% Cu, 0.020% Ni, 0.111 g/t Au, 0.992 g/t Ag
- 200,000 tons 0.170 oz/ton Au

**BARYTEX RESOURCES CORP.**  
**MYSTERY 1 & 2, CHANCE 2 & 4 CLAIM GROUP**  
**Regional Mineral Occurrence Map**  
 LIARD MINING DIVISION, B.C.

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**PAMICON DEVELOPMENTS LTD.**

NTS: 103, 104	Date: MAY 1990	FIGURE: <b>3</b>
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to in more specific areas which range from the Stewart area to Sulphurets, Iskut and Galore Creek areas. Recent discoveries appear to be filling in areas between these known mineralized camps. It is probable that the entire area can be considered as one large mineralized province with attendant subareas.

The history of the area can be divided into two time periods: circa 1900 to the mid-1970s and the more recent activities of the late 1970s and 1980s.

1900 - 1975

The original discovery of mineralization in the area can be attributed to miners either en route to or returning from the Klondike gold fields at the turn of the century. Rivers flowing through the Alaska Panhandle served as access corridors and mineralization was noted along the Iskut and Unuk Rivers and at the head of the Portland Canal. Highlights of this period were:

- \* discovery of copper, gold, silver mineralization at Bronson Creek in the Iskut
- \* location of similar mineralization along the Unuk and at Sulphurets Creek
- \* discovery of the Silbak-Premier gold-silver mine near Stewart plus a number of other rich silver occurrences along the Portland Canal
- \* the location by Tom MacKay of the original mineralization at Eskay Creek near the headwater of the Unuk River

Development and production at this time was largely limited to the area around Stewart where a number of mines produced high grade silver. The most significant producer was the Silbak Premier some 12 km north of Stewart which from 1920 until 1936 produced some 2,550,000 tons grading 16.8 g/tonne gold and 409.5 g/tonne silver.

After World War II the area was explored for base metals, notably copper. This era led to the discovery of the Granduc, Galore Creek and Schaft Creek

copper deposits and the E & L copper-nickel deposit. Published reserves of these are listed below and shown on Figure 3.

	<u>Tons</u>	<u>Cu</u> (%)	<u>Au</u> (g/t)	<u>Ag</u> (g/t)	<u>Mo</u> (%)	<u>Ni</u> (%)
Granduc	10,890,000	1.79				
Galore Creek	125,000,000	1.06	0.397	7.94		
Schaft Creek	910,000,000	0.30	0.113	0.992	0.02	
E & L	3,200,000	0.60				0.80

Of these Granduc was taken to production by Newmont Mining but a combination of low copper prices and high operating cost resulted in suspension of activity.

#### 1975 - Present

The more recent activity in the area dates to the rise of precious metal prices in the 1970s. Significant early events at this time were:

- \* acquisition by Skyline Explorations of their property on Mt. Johnny near Bronson Creek in the Iskut in 1980
- \* continued work by Esso Minerals on Granduc Mining's properties on Sulphurets Creek in the Unuk River area
- \* re-organization of the Silbak-Premier property and participation by Westmin Resources Ltd.

Work on these properties led to the following reserves being published for the properties listed below as well as stimulating exploration activity in the area. This activity led to the definition drilling of the Snip deposit by Cominco/Prime, the reserves of which are also shown.

<u>Company</u>	<u>Deposit</u>	<u>Area</u>	<u>Short Tons</u>	<u>Au</u> (oz/t)	<u>Ag</u> (oz/t)	<u>Ref.</u>
Skyline	Reg	Iskut	740,000	0.52	1.00	Note 1
Cominco/Prime	Snip	Iskut	1,032,000	0.875		Note 2
Newhawk/Lacana	West Zone	Sulphurets	715,400	0.430	19.70	Note 3
	Sulphurets Lake Zone	Sulphurets	20,000,000	0.08		Note 4
Catear Resources	Gold Wedge	Sulphurets	295,000	0.835	2.44	Note 5
Westmin Silbak	Silbak	Stewart	5,770,000	2.06 g/t	86.3 g/t	

Note 1: Pers. Comm., D. Yeager, Skyline Gold Corporation, January, 1990

Note 2: News Release, Vancouver Stockwatch, November 7, 1988

Note 3: News Release, Northern Miner, February 19, 1990

Note 4: News Release, Vancouver Stockwatch, August 24, 1989

Note 5: Pers. Comm., Catear Resources

Of the above properties, Skyline and Westmin/Silbak have entered commercial production within the last year and the Cominco/Prime project is in a final feasibility stage.

These successes have generated extensive exploration activity in the area which has led to the discovery of a large number of mineral occurrences which are in a preliminary stage of evaluation. The most notable of these to date is on Tom MacKay's old Eskay Creek showings. The 1988/89 work on this project of Calpine/Stikine Resources indicates a major gold-silver-base metal mineral deposit with a minimum strike length of 1300 metres. Some notable recent results on the project are:

DDH #CA 89-93 91.8 feet 0.453 oz/ton Au and 16.9 oz/ton Ag

DDH #CA 89-101 55.8 feet 0.867 oz/ton Au and 19.92 oz/ton Ag

These intersections are considered to be close to the true width of the mineralization. A great many other excellent intersections have been published by the companies and exploration is continuing. Reserves based on

this drilling indicate probable reserves of 1,256,000 tons grading 1.52 oz/ton Au and 38.0 oz/ton Ag. An additional 437,000 tons averaging 0.88 oz/ton Au and 32.8 oz/ton Ag fall in the possible reserve category (The Northern Miner, February 26, 1990).

Drilling on Gulf International Minerals' Northwest Zone near Newmont Lake was conducted in 1987, 1988 and 1989. A few of their more significant intersections are provided below (annual reports and news releases).

<u>Drill Hole</u>	<u>Interval</u> (feet)	<u>Length</u> (feet)	<u>Copper</u> (%)	<u>Silver</u> (oz/ton)	<u>Gold</u> (oz/ton)
87-25	343.0-373.0	30.0	0.23	0.11	0.404
	409.3-412.0	2.7	0.55	0.35	0.250
	470.2-473.8	3.6	0.42	0.19	1.520
87-29	167.0-170.0	3.0	0.001	0.01	0.140
	205.0-241.5	36.5	0.97	1.16	1.605
88-28	213.9-229.0	15.1	0.41	0.29	0.810
	260.5-276.6	16.1	0.24	0.29	0.645
	300.2-301.5	1.3	0.15	0.17	0.320
	330.1-338.9	8.9	1.99	0.31	0.340
	353.0-363.2	10.2	1.02	0.22	0.268

A major program for 1990 on this property is under consideration by Gulf.

In September 1989 Bond International Gold Inc. announced initial drill results from their Red Mountain project. The location of this project is believed to be some 15 kilometres east of Stewart. A 66 metre intersection on the Marc Zone reportedly graded 9.88 gm/tonne gold and 49.20 gm/tonne silver. On the Willoughby Gossan Zone a 20.5 metre intersection is reported as 24.98 gm/tonne gold and 184.2 gm/tonne silver.

A great many other companies active in the areas have released assays from preliminary trenching and/or drilling. Many of these show excellent values in gold, silver and base metals and it is anticipated that additional properties

with mineral reserves of possible economic significance will emerge.

The locations of a number of these occurrences are indicated in the accompanying figure. At this time these represent only a fraction of the reported results in this rapidly developing area.

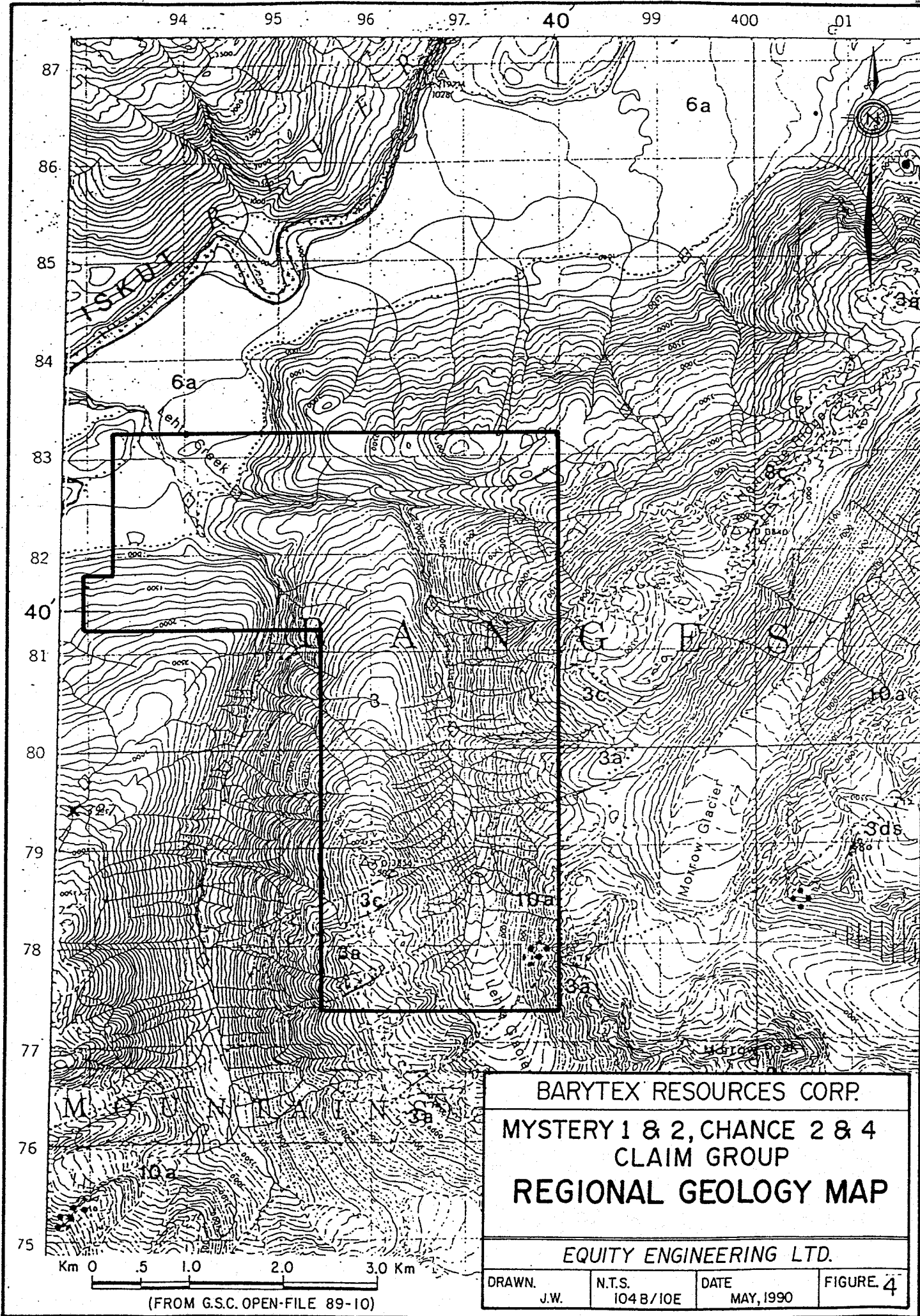
## 5.0 REGIONAL GEOLOGY

The geology of the Iskut-Galore-Eskay-Sulphurets area has undergone considerable study in the past few years by industry, federal and provincial geologists (Figure 4). Much of this work stemmed from Grove's mapping of the Stewart Complex (Grove, 1969, 1970, 1973, 1982, 1987). Earliest geological mapping of the area was carried out by Kerr (1948) during the 1920s and 1930s although Operation Stikine undertaken by the Geological Survey of Canada in 1957 produced the first publications. R.G. Anderson of the Geological Survey of Canada is presently mapping the area covered within NTS 104B.

Grove defined a northwest trending assemblage of Upper Triassic and Jurassic volcanics and sedimentary rocks extending from Alice Arm in the south to the Iskut River in the north as the Stewart Complex. Paleozoic limestone and volcanics underlie the complex while Mesozoic to Tertiary aged intrusives cut the units. Tertiary felsic plutons forming the Coast Plutonic Complex bound the area to the west while clastic sediments of the Spatsizi and Bowser Lake Groups overlap on the east.

Age dating of mineralization within the various mining districts suggests a close cospatial and coeval relationship with early Jurassic volcanics and intrusives within the Hazelton Group. This has directed exploration efforts toward these members.

A stratigraphic column of the area's lithologies is presented on the following page.





LEGEND

INTRUSIVE ROCKS

TERTIARY

13

POST-TECTONIC DYKES

- 13a Lamprophyre, andesite, diabase (Narrow not shown)
- 13b King Creek Dyke Swarm; feldspar porphyry dachse, andesite, diabase, quartz diorite
- 13c Hewitson monzonite: fine-grained leuco-monzonite

12

COAST PLUTONIC COMPLEX

- 12a Biotite granites
- 12b Hornblende-biotite quartz diorite
- 12c Lee Grant Stock: K-feldspar porphyry, hornblende-biotite quartz monzonite

JURASSIC

11

NICKEL MOUNTAIN GABBRO: melanocratic olivine-pyroxene gabbro

10

SYN TO POST-VOLCANIC INTRUSIONS: Porphyritic to phenitic textured; possibly hypabyssal equivalent of extrusive rocks

- 10a Latta Porphyry: K-feldspar-plagioclase-hornblende porphyry granodiorite to syenite
- 10b Barb Lake Dyke: fine- to medium-grained hornblende diorite
- 10c Andesite-Diorite Complex: melanocratic, fine- to medium-grained diorite with abundant xenoliths of dark green meta-andesite; (possibly Triassic)

9

UNUK RIVER DIORITE SUITE: medium- to coarse-grained, mafic to intermediate stocks

- 9a John Peak melanocratic hornblende diorite
- 9b Max biotite-hornblende diorite; quartz diorite
- 9c McVillie hornblende-biotite diorite to quartz diorite
- 9d Doc Ridge biotite monzodiorite

TRIASSIC

8

BUCKLE GLACIER STOCK: light grey, greisels to foliated, medium-grained hornblende-biotite quartz diorite

METAMORPHIC ROCKS

A-F

METAMORPHIC EQUIVALENTS OF UNITS 1, 2 OR 3

- A Metapelite: dark grey, carbonaceous quartz-feldspar-sericite phyllite
- B Felsic metavolcanics: light green, quartz-albite-chlorite-sericite phyllite; locally with deformed lapilli
- C Mafic to intermediate metavolcanics: dark green, plagioclase-chlorite phyllite
- D Hornblende-plagioclase mylonite; mylonitic meta-tuffs
- E Hornblende-plagioclase gneiss; quartzite migmatite
- F Strongly sheared rocks within the Unuk-Harymml fault zone

GOSSANOUS ALTERATION ZONES



- Pyrite ± quartz ± sericite ± carbonate ± clay; locally foliated to schistose
- Disseminated pyrite in felsic volcanics

VOLCANIC AND SEDIMENTARY ROCKS

(Note: No stratigraphic order is implied within sequences.)

QUATERNARY

RECENT

7

UNCONSOLIDATED SEDIMENTS

- 7a Alluvium, glaciofluvial deposits, landslide debris, moraine
- 7b Alluvium underlain by Pleistocene to Recent basalt

PLEISTOCENE TO RECENT

6

BASALT FLOWS AND TEPHRA

- 6a Dark grey to black, basalt flows and tephra; minor pillow lavas
- 6b Basalt tephra

TRIASSIC TO JURASSIC

HAZELTON GROUP

MIDDLE JURASSIC (TOARCIA TO BAJOCIAN)

5

SILTSTONE SEQUENCE (Salmon River Formation): Dark grey, well-bedded siltstone with minor sandstone and conglomerate.

- 5c Chert pebble conglomerate and arenite
- 5t Rhythmic bedded siltstone and shale (turbidite)
- 5w Thinly bedded wacke
- 5p Andesitic pillow lavas and pillow breccias with minor siltstone interbeds

LOWER JURASSIC (TOARCIA)

4

FELSIC VOLCANIC SEQUENCE (Mount Drivorth Formation): Light weathering, intermediate to felsic pyroclastic rocks, including dust, ash, crystal and lithic tuffs, lapilli tuff. Locally pyritic (5 to 15%) and gossanous. Minor chalcidonic quartz veins locally.

- 4a Variably bedded airfall tuffs
- 4f Massive felsic tuff
- 4r Black and white, carbonaceous felsic volcanics; locally flow banded and auto-brecciated

LOWER JURASSIC (PLIENSBACHIAN TO TOARCIA)

3

PYROCLASTIC-EPICLASTIC SEQUENCE (Betty Creek Formation): Heterogeneous, grey, green, locally purple or maroon, massive to bedded pyroclastic and sedimentary rocks; pillow lava

- 3a Green and grey, massive to poorly bedded andesite
- 3d Grey, green and purple dacitic tuff, lapilli tuff, crystal and lithic tuff; massive to well bedded; feldspar phytic
- 3f White weathering, felsic tuffs and breccias with quartz stringers
- 3c Andesitic lapilli tuff with pink siliceous clasts
- 3p Andesitic pillow lavas and pillow breccias with minor siltstone interbeds
- 3t Black, thinly bedded siltstone, shale and argillite (turbidite)

UPPER TRIASSIC TO LOWER JURASSIC (NORIAN TO SINEMURIAN)

2

ANDESITE SEQUENCE (Unuk River Formation): Green and grey, intermediate to mafic volcanics and flows with locally thick interbeds of fine-grained immature sediments; minor conglomerate and limestone

- 2a Grey and green, plagioclase ± hornblende porphyritic andesite; massive to poorly bedded
- 2h Grey and green, hornblende (± pyroxene)-feldspar porphyritic andesite lapilli and ash tuff
- 2s Grey, brown and green, thinly bedded, lufaceous siltstone and fine grained wacke
- 2t Black, thinly laminated siltstone (turbidite); shale; argillite
- 2g Dark grey, matrix-supported conglomerate with granitic cobbles
- 2l Grey, variably bedded limestone (completely recrystallized along South Unuk valley)

TRIASSIC

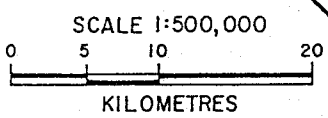
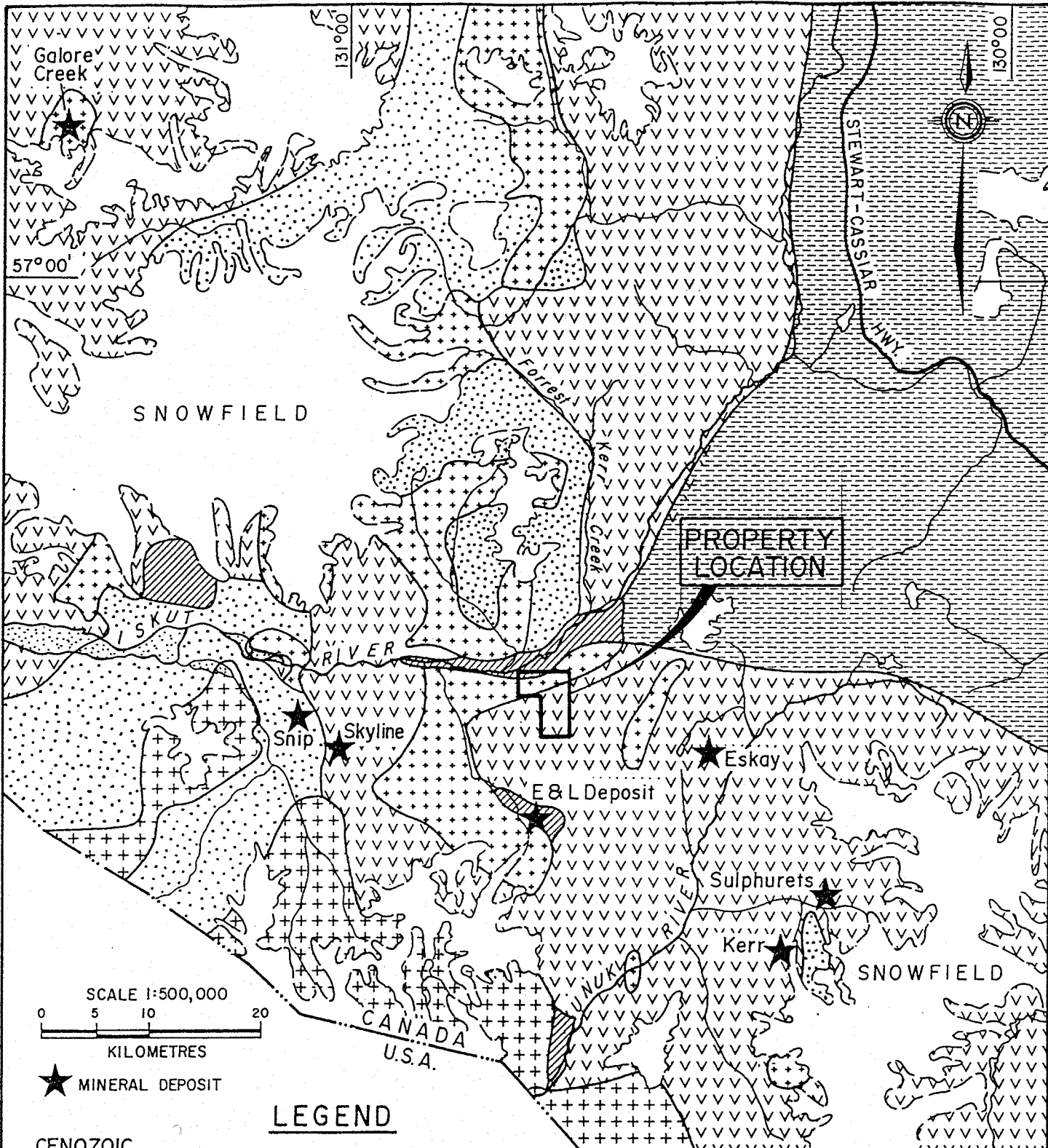
STUHINI GROUP

UPPER TRIASSIC (CARNIAN TO NORIAN)

1

LOWER VOLCANOSSEDIMENTARY SEQUENCE: Brown, black and grey, mixed sedimentary rocks interbedded with medium to dark green, mafic to intermediate volcanic and volcanoclastic rocks

- 1t Grey to black, thinly bedded siltstone, shale, argillite (turbidite)
- 1w Brown and grey, fine grained lufaceous wacke; minor siltstone or conglomerate
- 1l Grey, impure, silty, sandy limestone
- 1a Green, fine-grained, andesitic ash tuff; feldspar and hornblende phytic
- 1b Dark green basalt
- 1p Grey and green, andesitic breccia with augite-hornblende-plagioclase clasts and augite-rich matrix



★ MINERAL DEPOSIT

**LEGEND**

- |  |  |
|--|--|
| Recent basalt flows  | Upper Triassic to Upper Jurassic volcanics and sediments, Hazelton and Stuhini Groups  |
| Early Tertiary felsic intrusives, primarily quartz monzonite           | PALEOZOIC<br>Permian and older clastic, limestone and volcanic rocks and metamorphic equivalents; includes metamorphic rocks of unknown age. |
| MESOZOIC<br>Cretaceous and Tertiary intrusives, felsic to intermediate |  |
| Middle to Upper Jurassic Bowser Lake Group clastic sediments           |  |

BARYTEX RESOURCES CORP.  
 MYSTERY 1 & 2, CHANCE 2 & 4  
 CLAIM GROUP  
**SIMPLIFIED REGIONAL GEOLOGY**  
 LIARD MINING DIVISION, B.C.

Geology interpreted from G.S.C. Map II-1971, Telegraph Creek; Equity Preservation Corp., Stewart-Sulphurets-Iskut Map 1988; and from Pamicon Developments Ltd. field maps

PAMICON DEVELOPMENTS LTD.  
 Drawn. J.W. N.T.S. 103,104 Date May, 1990 FIG. 5

## PALEOZOIC STIKINE

Paleozoic Stikine assemblage rocks commonly occur as uplifted blocks associated with major intrusive bodies as exposed along the southwest flanks of Johnny Mountain and Zappa Mountain.

At the base of the Stikine assemblage stratigraphic column, at least four distinctive limestone members have been differentiated interlayered with mafic volcanoclastics, felsic crystal tuffs, pebble conglomerate and siliceous shale.

Mississippian rocks consist of thick-bedded limestone members interbedded with chert, pillowed basalt and epiclastic rocks.

Lower Permian units comprise thin- to thick-bedded corraline limestone interbedded with volcanic mafic to felsic volcanic flows, tuffs and volcanoclastics.

## MESOZOIC VOLCANICS AND SEDIMENTS

### Stuhini Group

Upper Triassic Stuhini Group volcanic and sedimentary rocks are characterized by a distinct facies change from bimodal mafic to felsic flows and tuffs interbedded with thick sections of limestone in the northwest to predominantly mafic volcanics with minor shale members in the southeast.

### Hazelton Group

Lower Jurassic Hazelton Group volcanic and sedimentary rocks predominantly occur in the southeast, northwest corners and central portions of the Galore-Iskut-Sulphurets area. Hazelton Group stratigraphy consists of the lowermost

Unuk River Formation (Grove, 1986) comprised of mafic to intermediate volcanics with interbedded shale, argillite and greywacke sediments; the Betty Creek Formation (Grove, 1986) overlying the Unuk River Formation consists of maroon and green volcanic conglomerate and breccia, with the youngest uppermost member of the Hazelton Group consisting of welded tuff and tuff breccia correlative with Grove's (1986) Salmon River Formation and Alldrick's (1987) Mount Dilworth Formation.

Lower Jurassic volcanics of the area are commonly correlated with the Telkwa Formation of the Hazelton Group. A close spatial and coeval relationship has long been recognized (Alldrick, 1986, 1987 and others) between Lower Jurassic volcanism and early Jurassic intrusive activity and its metallogenic importance in precious metal mineralization (Premier porphyry). Because of the relationship, lower members of the Hazelton Group are considered the most favourable targets for exploration.

#### Spatsizi Group

Spatsizi Group shales, tuffs and limestone of upper Lower and lower Middle Jurassic age overlie Hazelton Group rocks in the eastern part of the map area. Buff, sandy bivalve and belemnite fossil bearing limestone units decrease in abundance in the north parts of the area at the expense of shale. Here, black radiolarian-bearing siliceous shale alternately interbeds with white tuffs giving the units an informal name of 'pyjama beds'. This pyjama bed sequence serves as an important marker for identifying the favourable underlying Hazelton Group.

#### Bowser Group

Bowser Lake Group Middle and Upper Jurassic clastic sediments cover most of the northeast quadrant of the map area. Interbedded shale and greywacke units predominate in the south while thick-bedded shales dominate toward the north.

Near the highlands toward the northern reaches of the Bowser Basin, basal chert-rich conglomerates identify the Bowser Group as an overlap assemblage.

#### CENOZOIC VOLCANICS

Recent mafic flows and ash of the Hoodoo Formation, Iskut Formation and Lava Fork Formation cap specific areas within the region.

#### PLUTONIC ROCKS

The Coast Plutonic Complex, forming the western boundary of the Stewart Complex, is generally characterized by felsic Tertiary plutons. Late Triassic Stuhini Group and Early Jurassic Hazelton Group plutonic styles suggest coeval and cospatial relationships with surrounding volcanics via distinctive porphyritic dykes such as the Premier Porphyry. Tertiary Coast Complex plutons lack these dykes and volcanic equivalents.

#### 6.0 PROPERTY GEOLOGY

Provincial government mapping carried out in the claims area in 1989 by the Ministry of Energy, Mines and Petroleum Resources (GSC Open File 1989-10) shows the property underlain by Lower Jurassic Betty Creek Formation volcanics and sedimentary rocks. The claims are predominantly covered by massive to bedded pyroclastic volcanics interbedded with greywacke, argillite, minor siltstone and minor shale sedimentary rocks.

Near the south end of the property, broad northeast trending units of andesitic lapilli tuff and green-grey massive bedded andesite occur.

Immediately south of the property, the syn to post-volcanic Lehto Porphyry intrudes the Lower Jurassic stratigraphy. Its composition varies from grano-

diorite to syenite with potassium feldspar phenocrysts up to 4 cm in length. The body of this intrusive has a northeast trend and extends for at least 10 km in length.

Along Lehto Creek Fault near the north end of the claims, outcrops of fine- to medium grained quartz diorite have been mapped which may be of Mesozoic or Paleozoic (?) age.

#### 7.0 GEOCHEMISTRY AND MINERALIZATION

During 1989, 18 rock, 13 soil, 5 heavy sediment and 1 silt sample were collected on the Mystery and Chance mineral claims by Pamicon Developments Ltd. Noranda Exploration Company Limited also collected 17 rock samples during a property evaluation.

Heavy sediment samples were collected along Lehto Creek near the north end of the property. Two major creeks, East and West Creeks flow into Lehto Creek draining from the central parts of the claims area. Visible gold was seen in several pan concentrates at various site locations along Lehto Creek and as expected produced significantly anomalous precious metal results as shown on Figure 5 and tabulated below. Notable results include Pamicon sample CB89-01 on Lehto Creek near West Creek. More than 20 flakes of visible gold were counted in the concentrate which weighed 3.20 grams. The concentrate produced 1.586 mg Au which correlates to 14.45 oz/ton Au. Sample 22617 was collected along Lehto Creek just east of its junction with East Creek. A value of >10,000 ppb Au was obtained here. Ten metres upstream of East Creek from Lehto Creek sample 22618 assayed >10,000 ppb Au as well. Five hundred metres south along East Creek from its confluence with Ernie Creek, Noranda sample 104674 assayed 60,000 ppb Au. To date, the source of these anomalous gold values remains unexplained.

<u>Sample Number</u>	<u>Gold</u>		<u>Grams/Sample Weight</u>	<u>Location</u>
	(ppb)	(oz/ton)		
CB89-01	--		1.586/3.20 gm (14.45 oz/ton Au equiv.)	Lehto Creek
22617	>10,000	--	--	Lehto Creek
22618	>10,000	--	--	East Creek
104674*	60,000	--	--	East Creek
104678*	480	--	--	Ernie Creek
22609	--	0.022	--	Lehto/East Creeks
22610	--	0.078	--	Lehto/East Creeks

\*Noranda sample

#### 7.1 LEHTO CREEK

Several new gold discoveries were identified on the property in 1989. Prospecting traverses along Lehto Creek identified an area of moderate quartz veining mineralized with pyrite, arsenopyrite and chalcopyrite. Veins vary from centimeters up to 1.0 metre in width. The largest vein observed is exposed in a cliff face and as such is difficult to access. This area is located upstream from heavy sediment sample CB89-01 which assayed 14.45 oz/ton Au equivalent but from values indicated does not appear to be the source of the anomalous heavy sediment result. Rock geochem values obtained in this area range up to 5,000 ppb Au. Results are summarized below:

<u>Sample Number</u>	<u>Ag</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)	<u>Au</u> (ppb)	<u>Description</u>
22611	4.0	541	100	4,010	select grab
22615	15.0	706	100	5,000	select grab
22616	15.6	832	25	4,420	float

## 7.2 ERNIE CREEK

Gold mineralization was also discovered along Ernie Creek at an elevation of 1050 metres which is situated on the east side of East Creek (Figure 5). Prospecting traverses following up anomalous heavy sediment and mineralized float boulders from 1988 led to a quartz-pyrite shear zone with a present strike length of 25 metres. Silicification enveloping semi-massive pyrite + chalcopyrite varies in width from 20 cm to 2.0 metres. Assays from this zone are listed below:

Sample Number	Ag	Cu	As	Bi	Au		Description
	(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	(oz/ton)	
103533*	6.2	8,881	948	318	57,000	--	chip - 20 cm
22606	1.0	113	240	36	5,750	--	composite chip - 8 m x 2 m
22607	10.4	>10,000	2,200	700	--	2.280	chip - 20 cm
22608	2.8	729	1,150	50	--	.390	chip - 20 cm

\*Noranda sample

## 7.3 SIERRA NEVADA/NORANDA MINERALIZATION

While evaluating Barytex's Mystery and Chance mineral claims, Noranda Explorations discovered several strongly pyritized float boulders measuring up to 40 x 40 cm in size 400 metres up Ernie Creek from Barytex's mineralized shear zone. The location appears to be approximately 100 to 150 metres east of the Mystery 2 claim boundary. Two samples taken by Noranda personnel assayed 1,230 and 29,100 ppb Au. The source of these sulphide boulders is not yet known, however, Noranda has formalized an option agreement on these claims and will be carrying out an extensive exploration program on this property in conjunction with the Barytex program.

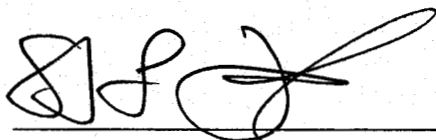


## 8.0 DISCUSSION AND CONCLUSIONS

Barytex Resource Corp. is earning a 100% interest in the Mystery 1 & 2 and Chance 2 & 4 mineral claims located within the Iskut River-Eskay Creek area of northwestern British Columbia. The property is situated approximately halfway between Skyline Gold Corp.'s Johnny Mountain mine, the Cominco/Prime Snip mine and Prime Resources/Stikine Resources Eskay Creek deposit.

Exploration work carried out on the property in 1989 by Barytex and Noranda Exploration discovered several interesting and significant gold mineralized structures. Values up to 5,000 ppb Au were received from quartz veins near the north end of the claims and up to 2.280 oz/ton Au along the east side of the claim boundary. Further up hill to the east from this area, just east of Barytex's ground, sulphide boulders assaying close to 1.0 oz/ton Au were also discovered. As well, several highly anomalous gold values greater than 10,000 ppb Au were obtained in heavy sediment stream samples at various locations. These values to date remain unexplained. Government geological mapping indicates the claims area to be favourably underlain by Triassic/Jurassic volcanics and sediments with associated intrusive activity which in this region is considered highly prospective for discovering significant economic mineralized deposits.

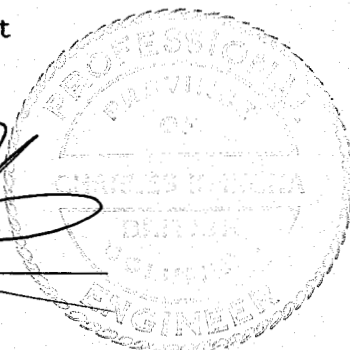
Respectfully submitted,



S.L. Todoruk, Geologist



C.K. Ikona, P.Eng.



**APPENDIX I**

**BIBLIOGRAPHY**

## BIBLIOGRAPHY

Caulfield, D.A. and C.K. Ikona (1987): Geological Report on the Josh, Josh 2-4 Mineral Claims.

Caulfield, D.A. and H.J. Awmack (1988): Geological Report on the Mystery 1 & 2 and Chance 2 & 4 Mineral Claims.

Delaware Resources Corp.: Progress Report, Snip Prospect, November 19, 1987.

Grove, E.W. (1985): Geological Report and Work Proposal on the Skyline Explorations Ltd. Inel Property.

Grove, E.W. (1986): Geological Report, Exploration and Development Proposal on the Skyline Explorations Ltd. Reg Property.

Skyline Explorations Ltd.: Annual Report 1987.

**APPENDIX II**

**COST STATEMENT**

**COST STATEMENT**  
**MYSTERY AND CHANCE MINERAL CLAIMS**  
**LIARD MINING DIVISION**  
**AUGUST 1 TO NOVEMBER 20, 1989**

**WAGES**

C. Ikona (Engineer) - 1 day @ \$450.00	\$ 450.00	
R. Darney (Geologist) - 1 day @ \$400.00	400.00	
S. Todoruk (Geologist) - 3 days @ \$400.00	1,200.00	
L. Van Zino (Geologist) - 3 days @ \$300.00	900.00	
P. Bilodeau (Geologist) - 2 days @ \$300.00	600.00	
J. Anderson (Prospector) - 7 days @ \$265.00	1,855.00	
E. Munroe (Sampler) - 1 day @ \$225.00	225.00	
K. Milledge (Project Manager) - 4 days @ \$250.00	1,000.00	
D. Fulcher (Manager) - 1.5 days @ \$250.00	<u>3.75.00</u>	
		\$ 7,005.00

**CAMP AND EQUIPMENT EXPENSES**

Room and Board	\$3,500.00	
Field Equipment and Supplies	<u>550.00</u>	
		4,050.00

**GENERAL EXPENSES**

Fixed Wing (Central Mountain Air)	\$ 498.75	
Helicopter (Northern Mountain Helicopters)	2,483.23	
Travel and Accommodation	651.50	
Communications	100.00	
Equipment Rental	110.24	
Assays	644.62	
Freight	67.00	
Report	2,500.00	
Project Supervision	<u>774.65</u>	
		<u>7,829.99</u>

<b>TOTAL THIS PROJECT</b>		<u>\$18,884.99</u>
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**APPENDIX III**

**ROCK SAMPLE DESCRIPTIONS**



Sampler J. Anderson E. Monroe

Project Barytex

Location Ref \_\_\_\_\_

Date Sept 24/89

Property Chance

Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Al μg/g	Ag ppm	Cu ppm	As ppm	Bi ppm	
22605	1235 meters on Ernie Creek	Float	/	qtz		<1% pyrite	5 cm wide	410	<0.2	31	35		<2
22606	Ernie CK N <sup>o</sup> Bank 1050m. Chip	Composite	8m x 2m	Silicified Basic veins	Intensive Silicification	Py + Cp 5%	Trend of zone 090/90	5750	1.0	113	240		36
22607	" " " 1070	Grab.	20cm.	Qtz vein.	Silice	Py + Cp 5%	Repeat of Norenda sample 103533	$\frac{210,000}{2.200}$	10.4	$\frac{210,000}{2.200}$	2200		700
22608	" " " 1075	Grab	20cm.	"	"	"	Py-qtz fault hosted vein.	$\frac{210,000}{0.390}$	2.8	729	1150		50
			/										
			/										
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			/										
			/										



Sampler P.B. / J.A.  
 Date Sept 27/89

Project Bavtex  
 Property \_\_\_\_\_

Location Ref \_\_\_\_\_  
 Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
					Rock Type	Alteration	Mineralization		As %	Ag	Cu ppm	As ppm	Bi ppm
22611	234m	Grab			metaseds	silicification	pyrrhotite arseno? pyrite	5cm unrecm shear right at creek level	4010	4.0	541	100	<2
22612	290m	Float			metaseds argil.		chalcopyr ~10%	from cliff face shear	410	1.8	1020	30	<2
22613	310m	"			atz vein		spec. hem? pyrite	~30cm U side of canyon inaccessible ~130/35m	275	29.8	76	25	60
22614	400m	Grab			metaseds		malakite in places	1.5m qtz vein ~260/30.0 Top of cliff	60	0.8	26	10	2
22615	260m	"			atz vein?			~10cm 330/80u ~5% pyrite	5000	15.0	706	106	8
22616	380m	Float			atz vein		chalco ~10%	From qtz vein ~388m ~	4420	15.6	832	25	<2
22619	610m	Float.			Intermediate volc.	silicic	trace P7.		15	<0.2	6		



N.T.S. 104 B/10  
 DATE SEPT 17/89  
 PROJECT 240

PROPERTY BARYTEX (MYSTERY, CHANCE)

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
104676	Quartz vein Boulder - subangular, 30x30cm with 20% py, 5% cpy, minor po. - previously sampled boulder, creek transported.	25	FLOAT	-	3050										MS
104679	Silicified sediment Boulder, - angular float, lots in area. Sugary, granular texture with 2-3% fine grain py.	3	"	-	9										"
104680	Highly silicified sediment or quartz vein(?) - pyritic. At Pamine # 15276	20	"	-	3670										"
104682	Siliceous pyritic shear zone (?) in green sediments (siltstones)	10	chip	2m	250										"
102533	Quartz-pyrite vein in siltstone. - py is coarse, dispersed throughout. - vein at 102/50°S. 25m up creek from 104682. Lots of spec. hematite lining fractures in siltstns.	50	"	0.2	57300										"
104683	Silicified sediment boulder, 15x15cm. - pyritic, float in moraine, several observed.	10	Float	-	29100										"
104684	As above, with minor cpy 40x40cm.	10	"	-	1230										"

N.T.S. 104 B/10

PROPERTY Barytex

DATE Sept. 17/89

ROCK SAMPLE REPORT

PROJECT 240

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLED BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
103528	Same location as silt # 103516. Light pink to maroon siliceous rock, 3-4% diss. pyrite, angular float.	4	rock	grab	5										F.S.
103529	Light pink, siliceous rock, highly fractured and filled in with specularite, also diss. pyrite, float.	3	rock	grab	1										F.S.
23530	Large angular boulder, light green strongly silicified, upto 5% pyrite, float.	5	rock	grab	16										F.S.
03531	Light grey siliceous rock, upto 4% diss. pyrite, angular float.	4	rock	grab	2										F.S.
103532	White and green siliceous rock, 4-5% diss. pyrite, angular talus.	5	rock	grab	15										F.S.
23533	[mike]				57300										
23534	Dark green intrusive, hornblende diorite(?), 5-6% diss. pyrite, outcrop	5	rock	grab	340										F.S.

**APPENDIX IV**

**SOIL, SILT, HEAVY SEDIMENT AND PAN CONCENTRATE SAMPLE DESCRIPTIONS**

Sampler Jr. Anderson  
 Date Sept 28/89

Project Barytex  
 Property \_\_\_\_\_

Location Ref \_\_\_\_\_  
 Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS						
				Colour	Texture	Drainage				Am	Ag	As				
L-525	Above canyon near North Side															
L 500	"	3														
L-475	"	40	B	TAN			10°	Timber		15	1.0	90				
L-450	"	30	C	Grey B			5°	"		<5	0.2	40				
L-425	"	30	B	Red B			15°	"		20	0.8	95				
L-400	"	20	B	Red B			10°	"		10	1.2	135				
L-375	"	20	B	Red B			10°	"		<5	0.6	55				
L-350	"	40	B	Red B			5°	"		10	0.6	50				
L-325	"	60	B	Orange B			30°	"		<5	0.6	25				
L-300	"	20	B	Tan			30°	"		<5	0.2	80				
L-275	"	30	B	Dark B			35°	"		<5	0.6	70				
L-250	"	40	C	Tan			F	"		10	<0.2	70				
L-225	"	30	C+B	Grey B			20°	"		<5	0.2	85				

Sampler CBIS 40P  
 Date SEPT 25/89

Project \_\_\_\_\_  
 Property \_\_\_\_\_

NTS 104-8/10  
 Location Ref \_\_\_\_\_  
 Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS				
				Colour	Texture	Drainage								
CB89-01	see map overlay								PAN CONCENTRATE	1.586 mg Au	/ 3.20 gms	= 15.45 g Au		
									-V.G., >20 colors					
									115 2mm long angular					
CB89-02	see map overlay								Stream Silt.	0.008 mg Au	/ 4.20 gms.			

Sampler PB/TA  
Date Sept 27/89

Project Barytes  
Property Mystery/Chance

NTS \_\_\_\_\_  
Location Ref \_\_\_\_\_  
Air Photo No \_\_\_\_\_

"Heavy Sediments + Silts"

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS			
				Colour	Texture	Drainage				Au ppm	Ag ppm	As ppm	Cu ppm
22609	22.5m				East Junction			Heavy Sed.	0.037	0.8	130	282	
22610	22.7m			abundant	black sand haematite	Present		possible v.g. in samples	0.078	0.8	245	359	
22617	550m. Mystery 2	- Sample		East of	East Fork Junction with "Fault" creek.			Pen Concentrate. Very little H.M.	>10000	1.2	565	1955	
22618	Mystery 2 500m.	- Sample		on	upstream of major junction			5 v.g. colours! + megachite, + haematite	>10000	3.6	320	345	
CB 89-01	near West Creek at Lehto Ck. jctn.							- heavy sediment, taken by Chris Bishop, >20 visible gold colors seen					
CB 89-02	near West Ck. at Lehto Ck. jctn.							- silt sample					



**APPENDIX V**

**ASSAY CERTIFICATES**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 BROOKSBANK AVE., NORTH VANCOUVER,  
 BRITISH COLUMBIA, CANADA V7J-2C1  
 PHONE (604) 984-0221

T. AMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6B 1N4

Project : MYSTERY & CHANCE  
 Comments:

\* Page No 1-A  
 Tot. Pages: 1  
 Date : 29-OCT-89  
 Invoice # : I-8927416  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8927416

SAMPLE DESCRIPTION	PREP CODE		Au FA	Au Weight	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
			oz/T	mg grams	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
22609	213	238	0.022	—	2.21	0.8	130	110	< 0.5	< 2	4.15	< 0.5	94	48	282	8.56	10	< 1	0.06	< 10
22610	213	238	0.078	—	1.95	0.8	245	140	< 0.5	2	3.84	< 0.5	148	45	359	11.65	10	< 1	0.06	< 10
CB89-1	213	—	—	1.586	3.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CB89-2	213	—	—	0.008	4.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

RECEIVED  
 OCT 31 1989  
 CHEMEX LABS LTD.

CERTIFICATION :

*B. Cogh*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

1 AMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Project : MYSTERY & CHANCE

Comments:

\* Page No: 1-B  
Tot. Pages: 1  
Date : 29-OCT-89  
Invoice #: I-8927416  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8927416

SAMPLE DESCRIPTION	PREP CODE		Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
22609	213	238	0.81	815	5	0.03	19	1940	86	< 5	8	417	0.21	< 10	< 10	92	40	98
22610	213	238	0.71	790	9	0.02	26	1710	192	< 5	7	350	0.20	< 10	< 10	86	130	126
CB89-1	213																	
CB89-2	213																	

CERTIFICATION : B. Coughlin



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

TRIMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Project : MYSTERY & CHANCE

Comments :

\* Page No -A  
Tot. Pages 1  
Date : 16-OCT-89  
Invoice # : I-8927415  
P.O. # : NONE

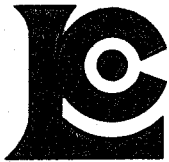
## CERTIFICATE OF ANALYSIS A8927415

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Au FA	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
	FA+AA	oz/T	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
22605	205	238	410	—	1.32	< 0.2	35	90	< 0.5	< 2	13.45	< 0.5	71	20	31	9.30	< 10	< 1	0.02	< 10	3.36
22606	205	238	5750	—	0.25	1.0	240	70	< 0.5	36	0.15	< 0.5	47	68	113	6.95	< 10	< 1	0.15	< 10	0.05
22607	205	238	>10000	2.280	0.32	10.4	2200	10	< 0.5	700	1.11	< 0.5	298	65	>10000	>15.00	< 10	< 1	0.04	10	0.49
22608	205	238	>10000	0.390	0.21	2.8	1150	20	< 0.5	50	3.19	< 0.5	187	46	729	>15.00	< 10	< 1	0.08	< 10	0.08
22611	205	238	4010	—	0.34	4.0	100	< 10	< 0.5	< 2	0.17	< 0.5	166	14	541	>15.00	< 10	< 1	0.02	< 10	0.14
22612	205	238	410	—	1.98	1.8	30	100	< 0.5	< 2	8.97	< 0.5	41	39	1020	3.95	< 10	< 1	0.13	< 10	1.99
22613	205	238	275	—	0.21	29.8	25	60	< 0.5	60	3.71	13.5	9	179	76	1.03	< 10	< 1	< 0.01	< 10	0.48
22614	205	238	60	—	0.27	0.8	10	30	< 0.5	2	1.38	< 0.5	5	45	26	0.56	< 10	< 1	0.05	10	0.12
22615	205	238	5000	—	0.12	15.0	100	100	< 0.5	8	0.55	< 0.5	46	139	706	4.27	< 10	< 1	0.03	< 10	0.08
22616	205	238	4420	—	1.33	15.6	25	70	< 0.5	< 2	>15.00	< 0.5	23	30	832	2.34	< 10	< 1	0.11	< 10	1.42
CB89-3	205	238	140	—	0.55	0.6	5	110	< 0.5	< 2	1.47	< 0.5	7	212	49	1.94	< 10	< 1	< 0.01	< 10	0.08
CB89-4	205	238	50	—	1.54	0.2	5	250	< 0.5	< 2	0.42	< 0.5	4	52	20	2.41	< 10	< 1	0.11	10	1.37
CB89-5	205	238	20	—	1.16	0.2	20	330	< 0.5	< 2	0.20	< 0.5	6	95	17	2.76	< 10	< 1	0.19	< 10	0.86

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*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 BROOKSBANK AVE., NORTH VANCOUVER,  
 BRITISH COLUMBIA, CANADA V7J-2C1  
 PHONE (604) 984-0221

TIMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6B 1N4

Project : MYSTERY & CHANCE  
 Comments:

\* Page No -B  
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 Date : 16-OCT-89  
 Invoice # : 1-8927415  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8927415

SAMPLE DESCRIPTION	PREP CODE		Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
22605	205	238	4640	< 1	< 0.01	6	200	2	< 5	11	185	< 0.01	< 10	< 10	37	< 10	36
22606	205	238	85	1	0.01	7	160	< 2	< 5	1	6	< 0.01	< 10	< 10	2	< 10	12
22607	205	238	370	3	< 0.01	36	150	< 2	< 5	6	7	< 0.01	< 10	< 10	7	< 10	110
22608	205	238	290	< 1	< 0.01	17	90	2	< 5	5	25	< 0.01	< 10	< 10	5	< 10	26
22611	205	238	190	1	< 0.01	31	200	< 2	< 5	2	3	0.01	< 10	< 10	< 1	< 10	54
22612	205	238	2100	< 1	< 0.01	23	4000	< 2	< 5	5	424	0.01	< 10	< 10	67	< 10	54
22613	205	238	530	13	< 0.01	11	110	1560	< 5	< 1	180	< 0.01	< 10	< 10	9	< 10	772
22614	205	238	155	2	0.06	2	200	12	< 5	< 1	26	0.01	< 10	< 10	11	< 10	18
22615	205	238	165	< 1	< 0.01	28	100	20	< 5	< 1	15	< 0.01	< 10	< 10	3	< 10	28
22616	205	238	4880	< 1	0.01	10	1290	8	5	5	1465	< 0.01	< 10	< 10	33	< 10	38
CB89-3	205	238	155	< 1	< 0.01	8	50	4	< 5	< 1	29	< 0.01	< 10	< 10	3	< 10	6
CB89-4	205	238	300	< 1	0.01	< 1	310	< 2	< 5	< 1	16	< 0.01	< 10	< 10	4	< 10	46
CB89-5	205	238	275	2	0.02	14	400	< 2	< 5	3	11	0.09	< 10	< 10	20	< 10	18

CERTIFICATION :

*B. Coughlin*



# Chemex Labs Ltd.

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PHONE: 416-890-0310

PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Page Number : 1  
Total Pages : 1  
Invoice Date: 11-OCT-89  
Invoice No. : I-8926575  
P.O. Number : NONE

Project : MYSTERY  
Comments:

## CERTIFICATE OF ANALYSIS A8926575

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm			
22601	205 298	15	4	0.5	17	8060	12.65	505	< 1	3	< 5	44			
22602	205 298	20	59	< 0.5	24	1195	>15.00	130	5	7	< 5	38			
22603	205 298	60	125	< 0.5	7	133	5.66	950	< 1	1	< 5	10			
22604	205 298	635	14	51.5	21	>10000	5.74	445	253	9	< 5	356			

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TERRACON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Project: BARYTEX

Comments:

\* Page No .1-A  
Tot. Pages:1  
Date :13-NOV-89  
Invoice #:I-8928728  
P.O. #:NONE

## CERTIFICATE OF ANALYSIS A8928728

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
22617	213 238	>10000	2.21	1.2	565	30	< 0.5	< 2	1.11	< 0.5	153	117	1955	>15.00	< 10	< 1	0.17	10	1.50	1145
22618	213 238	>10000	1.89	3.6	320	60	< 0.5	< 2	3.44	< 0.5	166	58	345	14.10	< 10	< 1	0.05	10	0.72	810

NOTE: NOT ENOUGH PULP FOR Au ASSAY OF THE GREATER THAN ppb

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T. AMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Project : BARYTEX  
Comments :

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Tot. Pages:1  
Date :13-NOV-89  
Invoice # :I-8928728  
P.O. # :NONE

## CERTIFICATE OF ANALYSIS A8928728

SAMPLE DESCRIPTION	PREP CODE	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
22617	213 238	10	0.06	54	1150	56	< 5	12	135	0.13	< 10	< 10	114	< 10	172
22618	213 238	15	0.01	24	2450	144	< 5	6	344	0.23	< 10	< 10	82	170	86

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BRITISH COLUMBIA, CANADA V7J-2C1

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711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Project : BARYTEX

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Tot. Pages: 1  
Date : 29-OCT-89  
Invoice # : I-8928727  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8928727

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
22619	205 238	15	0.54	< 0.2	25	50	< 0.5	< 2	5.36	< 0.5	31	70	6	5.20	< 10	< 1	0.22	< 10	1.81	1205

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BRITISH COLUMBIA, CANADA V7J-2C1  
PHONE (604) 984-0221

1 AMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Project : BARYTEX  
Comments:

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Date : 29-OCT-89  
Invoice # : I-8928727  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8928727

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
22619	205	238	5	0.06	19	400	< 2	5	5	43	< 0.01	< 10	< 10	14	< 10	18

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CERTIFICATION : B. Coughlin



# Chemex Labs Ltd.

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

TO: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Project : BERYTEX  
Comments:

Page Number : 1-A  
Total Pages : 1  
Invoice Date: 25-OCT-89  
Invoice No. : I-8927994  
P.O. Number : NONE

## CERTIFICATE OF ANALYSIS

### A8927994

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L 225	201 238	< 5	2.38	0.2	85	150	< 0.5	< 2	0.40	< 0.5	19	19	21	5.44	< 10	< 1	0.08	10	0.99	855
L 250	201 238	10	2.30	< 0.2	70	80	< 0.5	< 2	0.15	< 0.5	9	16	11	4.70	< 10	< 1	0.05	10	0.66	315
L 275	201 238	< 5	4.86	0.6	70	260	< 0.5	< 2	0.20	< 0.5	23	38	11	7.54	< 10	< 1	0.05	10	0.53	375
L 300	201 238	< 5	2.96	0.2	80	300	< 0.5	< 2	0.38	< 0.5	17	33	13	5.88	< 10	< 1	0.07	10	0.65	885
L 325	201 238	< 5	4.25	0.6	25	290	0.5	< 2	0.34	< 0.5	23	35	13	6.81	< 10	< 1	0.07	10	0.67	795
L 350	201 238	10	6.07	0.6	50	250	2.0	< 2	0.20	< 0.5	21	33	15	7.46	< 10	< 1	0.06	20	0.54	500
L 375	201 238	< 5	3.93	0.6	55	220	1.5	< 2	0.14	< 0.5	18	30	12	6.45	< 10	< 1	0.06	10	0.45	395
L 400	201 238	10	5.82	1.2	135	160	1.5	< 2	0.15	< 0.5	24	37	14	7.70	< 10	< 1	0.04	10	0.46	520
L 425	201 238	20	3.44	0.8	95	110	0.5	2	0.16	< 0.5	18	54	20	6.33	< 10	< 1	0.04	10	0.53	470
L 450	201 238	< 5	2.77	0.2	40	160	< 0.5	2	0.13	< 0.5	14	87	40	4.35	< 10	< 1	0.05	10	1.21	325
L 475	201 238	15	3.73	1.0	90	170	1.0	2	0.06	< 0.5	23	53	27	5.18	< 10	< 1	0.07	10	0.84	405

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# Chemex Labs Ltd.

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

Client: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Project: BERYTEX  
Comments:

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Total Pages: 1  
Invoice Date: 25-OCT-89  
Invoice No.: I-8927994  
P.O. Number: NONE

## CERTIFICATE OF ANALYSIS

A8927994

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
L 225	201	238	< 1	0.03	10	950	6	< 5	5	27	0.24	< 10	< 10	93	< 10	96
L 250	201	238	< 1	0.01	7	1440	< 2	< 5	4	13	0.11	< 10	< 10	74	< 10	82
L 275	201	238	< 1	0.02	28	860	10	< 5	6	15	0.65	< 10	< 10	150	< 10	152
L 300	201	238	1	0.02	20	900	10	5	5	23	0.31	< 10	< 10	112	< 10	132
L 325	201	238	< 1	0.02	29	860	4	5	7	23	0.50	< 10	< 10	126	< 10	130
L 350	201	238	< 1	0.03	26	820	8	< 5	10	16	0.58	< 10	< 10	131	< 10	164
L 375	201	238	< 1	0.01	25	660	4	< 5	5	10	0.35	< 10	< 10	98	< 10	170
L 400	201	238	3	0.02	30	880	14	15	7	11	0.65	< 10	< 10	148	< 10	160
L 425	201	238	< 1	0.01	35	610	10	5	7	11	0.40	< 10	< 10	129	< 10	158
L 450	201	238	1	< 0.01	79	240	2	< 5	6	12	0.10	< 10	< 10	79	< 10	100
L 475	201	238	< 1	0.01	64	620	< 2	5	8	6	0.20	< 10	< 10	78	< 10	172

CERTIFICATION:

*B. Coughlin*



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212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

TERRACON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N4

Project : MYSTERY

Comments :

\* Page No  
Tot. Pages : 1  
Date : 22-OCT-89  
Invoice # : I-8928067  
P.O. # :

## CERTIFICATE OF ANALYSIS A8928067

SAMPLE DESCRIPTION	PREP CODE	Cu %	Ag FA oz/T								
22604	214 --	3.37	1.38								

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OCT 23 1989

CERTIFICATION :

*W. San Amosini*



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ce	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*	
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	%	PPM	PPM
104503	1	8	4	36	1	11	16	3612	8.18	3	5	ND	1	69	2	2	2	47	18.04	.001	7	1	5.29	1	.01	2	.06	.01	.01			
104526	1	144	8	93	1	11	16	1394	7.00	2	5	ND	1	29	1	2	2	99	2.20	.078	6	9	1.05	37	.01	6	.33	.04	.03			
104527	1	104	12	59	1	19	21	962	7.45	21	5	ND	2	37	1	3	2	87	3.70	.053	4	15	1.05	7	.01	14	.29	.03	.02			
104529	1	13	4	105	1	35	4	688	2.99	2	5	ND	1	38	1	2	2	20	4.22	.022	5	7	1.44	9	.01	3	.24	.01	.03			
104532	2	125	78	531	1	4	6	207	3.66	1016	5	ND	7	163	1	3	2	19	1.38	.038	26	4	.05	3	.01	12	.44	.02	.27			
104533	3	200	30	66	1	17	26	1307	8.45	3	5	ND	1	80	1	2	2	41	2.75	.344	8	4	.87	3	.01	6	.58	.01	.30			
104539	3	5	12	9	1	5	4	348	1.44	3	5	ND	1	32	1	2	2	4	1.25	.017	5	5	.20	64	.01	2	.33	.02	.07			
104540	1	1579	50	29	1.4	4	9	275	19.63	190	5	ND	1	20	1	2	13	1	.90	.003	2	1	.40	1	.01	5	.61	.01	.02			
104541	4	158	7	21	1	8	12	100	2.16	2	5	ND	1	15	1	2	2	26	1.22	.069	2	6	.18	4	.06	5	.78	.04	.05			
104546	2	68	22	63	3	9	19	1015	5.65	16	5	ND	3	112	1	3	2	127	3.78	.082	6	8	1.97	54	.05	5	3.14	.14	.11			
104548	3	5	11	49	1	4	2	294	2.43	4	5	ND	2	36	1	2	2	3	.70	.025	20	5	.03	53	.01	2	.16	.03	.09			
104549	36	45	7	306	1	41	4	998	3.80	27	5	ND	1	889	3	2	2	22	16.57	.036	3	3	.25	23	.01	8	.33	.01	.10			
104550	140	102	15	306	3	80	11	524	8.82	181	5	ND	2	189	4	2	2	42	7.27	.090	7	4	.23	5	.01	9	.38	.01	.12			
104636	3	59	4	16	2	7	10	33	14.85	2	5	ND	2	4	1	14	2	14	.12	.002	2	2	.01	1	.01	2	.18	.02	.05			
104637	2	41	21	41	2	33	9	51	13.71	8	5	ND	1	6	1	20	3	11	.36	.001	2	3	.01	1	.01	8	.19	.01	.09			
104641	3	252	50	71	1.7	188	70	536	17.45	298	5	2	1	5	1	7	22	28	.07	.029	2	28	.86	1	.04	3	1.31	.01	.34	250		
104642	2	1696	131	220	15.1	21	53	362	17.70	45038	5	27	1	5	1	14	40	28	.28	.111	2	2	1.10	5	.02	6	1.68	.01	.15			
104643	5	742	48	23	13.5	7	8	31	6.37	385	5	33	1	2	1	3	14	16	.01	.006	2	6	.02	15	.01	6	.08	.01	.04			
104649	2	93	13	128	1	7	17	508	6.81	114	5	ND	1	8	1	3	2	189	.28	.080	6	12	1.27	8	.01	11	1.66	.05	.03			
104671	18	9	14	55	1	8	2	41	2.41	45	5	ND	3	5	1	2	2	2	.01	.001	11	8	.01	24	.01	2	.11	.04	.06			
104675																																
104676	7	28370	15	1028	33.9	241	157	93	15.01	2	5	ND	1	4	14	5	2	1	.22	.024	2	2	.03	3	.01	11	.04	.01	.01	1	3050	
104679	2	119	4	8	1	8	6	163	1.49	8	5	ND	3	8	1	3	2	1	.63	.011	3	9	.01	35	.01	2	.21	.02	.15	1	9	
104680	4	972	11	23	1.3	9	17	50	6.13	629	5	ND	1	1	1	3	21	1	.04	.008	2	7	.19	11	.01	3	.48	.01	.11	1	3670	
104682	1	112	2	12	1	4	9	81	2.68	81	5	ND	1	5	1	2	5	13	.09	.026	2	6	.27	25	.01	5	.57	.01	.17	1	250	
104683	4	2983	19	16	10.3	16	25	7	16.76	1419	5	25	1	1	1	3	245	1	.01	.001	2	3	.01	1	.01	9	.14	.01	.08	1	29100	
104684	5	1060	9	6	1.4	7	8	140	4.06	144	5	ND	1	3	1	2	3	1	.25	.014	2	7	.12	13	.01	2	.22	.01	.14	1	1230	
104699																																
104700	1	289	5	37	1.1	47	40	288	2.45	13	5	ND	1	30	1	2	2	51	1.24	.018	2	18	1.15	40	.05	2	1.36	.02	.03	1		
8910 C/NI-B	10	63	62	132	6.7	68	30	1034	4.08	42	19	7	38	50	19	13	18	61	.51	.093	40	55	.91	179	.06	36	1.96	.06	.13	17		

Ag  
PPM  
BARYTEX

BARYTEX

Assay Recommended for Au > 10%  
Ag > 80 ppm.





SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	KI PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
104536	1	24	3	62	1	5	9	516	3.53	2	5	ND	1	38	1	2	2	40	.75	.063	10	7	1.17	71	.03	14	1.49	.01	.09	1	3	-
104537	1	18	5	59	1	4	9	455	3.34	6	5	ND	1	31	1	2	2	34	.74	.058	11	8	.98	65	.03	2	1.30	.02	.09	1	7	-
104538	1	52	5	58	1	5	15	534	4.24	11	5	ND	3	38	1	2	2	54	.52	.085	10	8	1.09	76	.03	11	1.31	.01	.05	2	22	-
104542	1	27	5	54	1	6	10	494	3.50	2	5	ND	1	35	1	2	2	41	.44	.054	12	8	.98	172	.03	4	1.38	.02	.10	1	8	-
104543	2	54	9	51	1	5	19	439	5.78	11	5	ND	2	58	1	2	2	98	2.53	.102	9	9	.81	122	.04	5	1.08	.01	.04	4	58	-
104544	1	45	6	54	1	6	14	471	3.75	6	5	ND	2	60	1	2	2	61	2.99	.085	9	9	.87	149	.04	3	1.14	.01	.05	4	125	-
104545	1	31	7	67	1	8	11	743	3.97	2	5	ND	3	44	1	2	2	44	.73	.058	14	11	1.12	188	.03	7	1.65	.02	.13	1	8	-
104547	9	59	14	368	3	29	15	741	5.03	17	5	ND	1	28	3	4	2	87	.70	.083	15	15	1.10	304	.05	13	1.99	.02	.15	1	1	-
104644	2	15	15	170	2	17	42	1763	10.72	23	5	ND	1	29	1	2	2	174	1.17	.072	9	14	1.22	129	.01	10	2.57	.02	.11	1	9	460
104645	2	17	209	2	23	48	4624	10.52	16	5	ND	1	24	1	2	2	221	.64	.103	27	22	2.01	349	.05	14	3.17	.02	.06	1	8	160	
104646	2	20	196	1	21	50	4014	11.35	24	5	ND	1	20	1	2	2	246	.52	.076	16	17	2.46	183	.06	18	3.44	.02	.06	1	13	230	
104647	2	10	159	2	18	32	2086	9.30	22	5	ND	1	47	1	2	2	167	1.06	.074	12	15	1.49	326	.01	9	2.37	.02	.10	1	8	510	
104648	2	17	175	1	14	36	2198	10.66	26	5	ND	1	22	1	2	2	204	1.41	.061	13	14	1.96	280	.01	8	3.56	.02	.06	1	7	330	
104650	1	7	130	1	14	25	1170	8.00	8	5	ND	1	22	1	2	2	193	1.00	.065	9	15	1.96	124	.18	8	2.62	.04	.05	1	6	110	
104651	5	13	216	2	40	27	1102	7.22	8	5	ND	2	33	1	2	2	120	1.03	.148	12	35	1.14	144	.09	58	1.91	.05	.10	1	3	470	
104652	3	6	179	2	23	30	1014	10.37	20	5	ND	2	25	1	2	2	90	.82	.148	10	19	.84	69	.02	23	1.22	.03	.12	1	3	2000	
104653	1	8	185	1	63	1777	14.63	19	5	ND	2	15	1	3	2	99	.57	.109	18	137	1.07	108	.01	11	2.42	.01	.11	1	2	2500		
104654	4	11	114	1	115	44	1561	9.90	42	5	ND	1	20	1	2	2	104	.89	.118	10	66	.83	193	.01	8	1.73	.02	.12	1	4	2600	
104655	3	7	111	1	97	36	1300	10.60	30	5	ND	2	20	1	2	2	94	.61	.120	10	57	.51	185	.01	13	1.11	.02	.13	1	1	3300	
104656	2	12	138	1	27	38	1686	10.52	71	5	ND	2	19	1	2	2	108	.17	.122	10	19	.36	405	.01	9	1.85	.02	.12	1	6	1650	
104657	2	119	12	105	1	67	29	817	9.46	40	5	ND	1	18	1	2	2	85	.40	.129	8	44	.46	252	.01	22	1.06	.02	.10	1	3	3700
104658	1	8	83	1	31	39	1212	7.25	8	5	ND	1	51	1	2	2	109	3.30	.083	11	146	3.95	142	.01	18	3.35	.01	.13	1	1	900	
104659	1	6	102	1	99	44	1520	8.15	28	5	ND	2	15	1	2	2	111	.70	.110	11	76	.64	281	.01	10	1.53	.01	.11	1	1	800	
104660	2	6	101	1	49	28	1085	8.09	39	5	ND	1	11	1	2	2	85	.24	.084	7	32	.40	292	.01	6	1.06	.02	.09	1	3	2000	
104661	2	10	143	1	37	34	1885	9.42	26	5	ND	1	12	1	2	2	107	.25	.085	7	20	.30	326	.01	9	.85	.01	.09	1	4	2700	
104662	1	9	188	2	30	46	2298	10.59	19	5	ND	2	12	1	2	2	107	.50	.105	8	12	.26	184	.01	15	.81	.01	.12	1	7	1900	
104663	4	12	205	2	36	46	1724	9.12	10	5	ND	1	17	1	2	2	90	1.26	.107	11	16	.55	111	.01	5	1.37	.01	.15	2	6	600	
104664	2	6	175	1	27	45	2451	10.46	7	5	ND	2	11	1	2	2	115	.44	.088	9	12	.31	307	.01	15	1.10	.01	.12	1	7	1100	
104665	4	95	12	145	3	35	20	781	5.67	7	5	ND	2	46	1	2	2	111	1.40	.123	11	32	1.32	154	.05	18	1.78	.02	.14	2	6	460
104666	2	140	8	157	2	23	25	987	7.71	12	5	ND	2	43	1	3	2	95	1.56	.114	8	21	1.18	109	.05	23	1.12	.04	.10	1	2	800
104667	4	16	871	2	149	17	597	3.90	29	5	ND	2	50	1	3	2	69	2.33	.085	8	112	2.14	124	.08	22	1.74	.05	.10	1	8	720	
104668	4	72	18	146	1	94	18	670	4.87	25	5	ND	1	48	1	2	2	83	1.93	.096	9	77	1.66	132	.08	19	1.83	.05	.12	1	9	500
104677	6	14	90	2	23	35	1683	7.16	36	5	ND	2	21	1	2	2	84	.27	.063	15	17	1.73	468	.05	3	2.49	.01	.08	2	15	-	
104681	13	15	90	2	39	59	2074	9.75	58	5	ND	2	59	1	2	4	73	.65	.071	14	24	1.55	374	.04	14	2.72	.03	.10	1	18	-	
104689	1	84	14	101	2	10	13	793	4.46	26	5	ND	1	53	1	2	2	75	2.79	.112	11	17	1.11	115	.06	15	1.61	.02	.06	2	28	-
STD C/AU-S	17	60	36	132	7.1	67	30	925	4.08	36	17	6	37	47	17	14	17	56	.49	.084	37	55	.89	174	.06	33	1.88	.06	.14	12	48	1300

BARYTEX

No.	SAMPLE No.	Cu	Zn	Pb	Ag	As	Cd	Sb	PPB B910-0	
									Au	Pg. 3/
99	SOIL 109833	30	222	4	0.1	8	1.1	1		5
100	CHECK NL-6	50	140	64	1.2	82	1.9	34		1
01	109835	26	164	4	0.1	2	0.7	2		5
02	109836	70	194	4	0.1	2	0.9	1		5
103	109841	100	116	8	0.2	40	0.4	1		10
	109843	70	96	2	0.2	12	0.6	2		10
05	109848	150	140	20	0.5	28	0.6	4		10
106	109926	82	98	4	0.1	12	0.2	2		3
107	109928	26	114	12	0.1	8	0.3	2		5
08	SOIL 109934	38	76	2	0.1	1	0.2	2		5

No.	T. SAMPLE No.	wt. (g)	PPB Au	Cu	Zn	Pb	Ag	BARYTEX	
9	PAN 103520	24.6	210	32	540	12	0.2		
10	103522	32.6	23500	320	320	130	10.8		
11	103524	29.6	6000	194	166	66	2.6		
12	103525	72.4	28800	590	300	264	6.6		
13	103546	29.9	40	140	110	282	1.0		
14	103550	31.0	40	42	132	40	1.0		
15	103625	40.6	100	80	76	11	0.6		
16	104008	37.3	10	86	240	2	0.2		
17	104035	36.7	2410	760	260	216	2.2		
18	104670	16.4	2770	82	280	24	0.6		
19	104672	25.2	440	152	520	52	0.6		
21	104674	16.2	60000	138	72	16	6.0		
22	104678	14.5	480	106	34	4	0.6		
	104686	37.8	70	130	520	8	0.2		
23	104687	28.0	79000	170	160	1880	22.0		
26	104688	63.1	4250	142	380	345	2.1		
27	104698	40.2	300	112	150	145	1.9		
28	106551	46.1	220	320	126	55	0.7		
29	109842	45.9	40	90	100	4	0.6		
30	109849	30.5	120	680	150	1500	13.6		
31	109850	40.3	220	76	60	11	0.4		
32	109851	22.5	410	98	240	1	0.2		
33	109883	23.6	10	60	158	1	0.2		
34	109886	39.3	1480	106	134	1	0.4		
35	109927	15.4	5	24	80	2	0.2		
36	109929	23.8	10	44	64	1	0.2		
37	109931	29.9	5	156	136	1	0.4		
38	PAN 109933	28.6	100	100	82	1	0.2		

3. Pan-cons: entire sample used for Au determination.  
 \*Cu, Zn, Pb, Ag values obtained from Aqua Regia sol'n.

**APPENDIX VI**

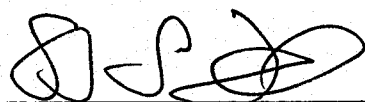
**STATEMENT OF QUALIFICATIONS**

## STATEMENT OF QUALIFICATIONS

I, STEVE L. TODORUK, of 5700 Surf Circle, Sechelt, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Geologist in the employment of Pamicon Developments Limited, with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.
3. THAT my primary employment since 1979 has been in the field of mineral exploration.
4. THAT my experience has encompassed a wide range of geologic environments and has allowed considerable familiarization with prospecting, geophysical, geochemical and exploration drilling techniques.
5. THAT this report is based on data generated by myself, under the direction of Charles K. Ikona, Professional Engineer.
6. THAT I have an interest in the property described herein and in the securities of Barytex Resource Corp.
7. THAT I hereby grant permission to Barytex Resource Corp. for the use of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

DATED at Vancouver, B.C., this 18<sup>th</sup> day of June, 1990.



Steve L. Todoruk, Geologist

**APPENDIX VII**

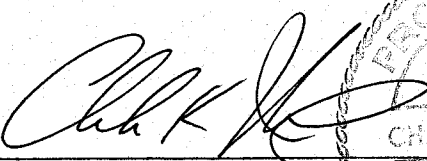
**ENGINEER'S CERTIFICATE**

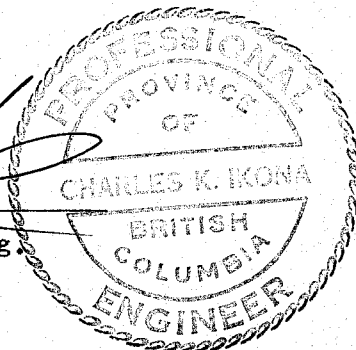
**ENGINEER'S CERTIFICATE**

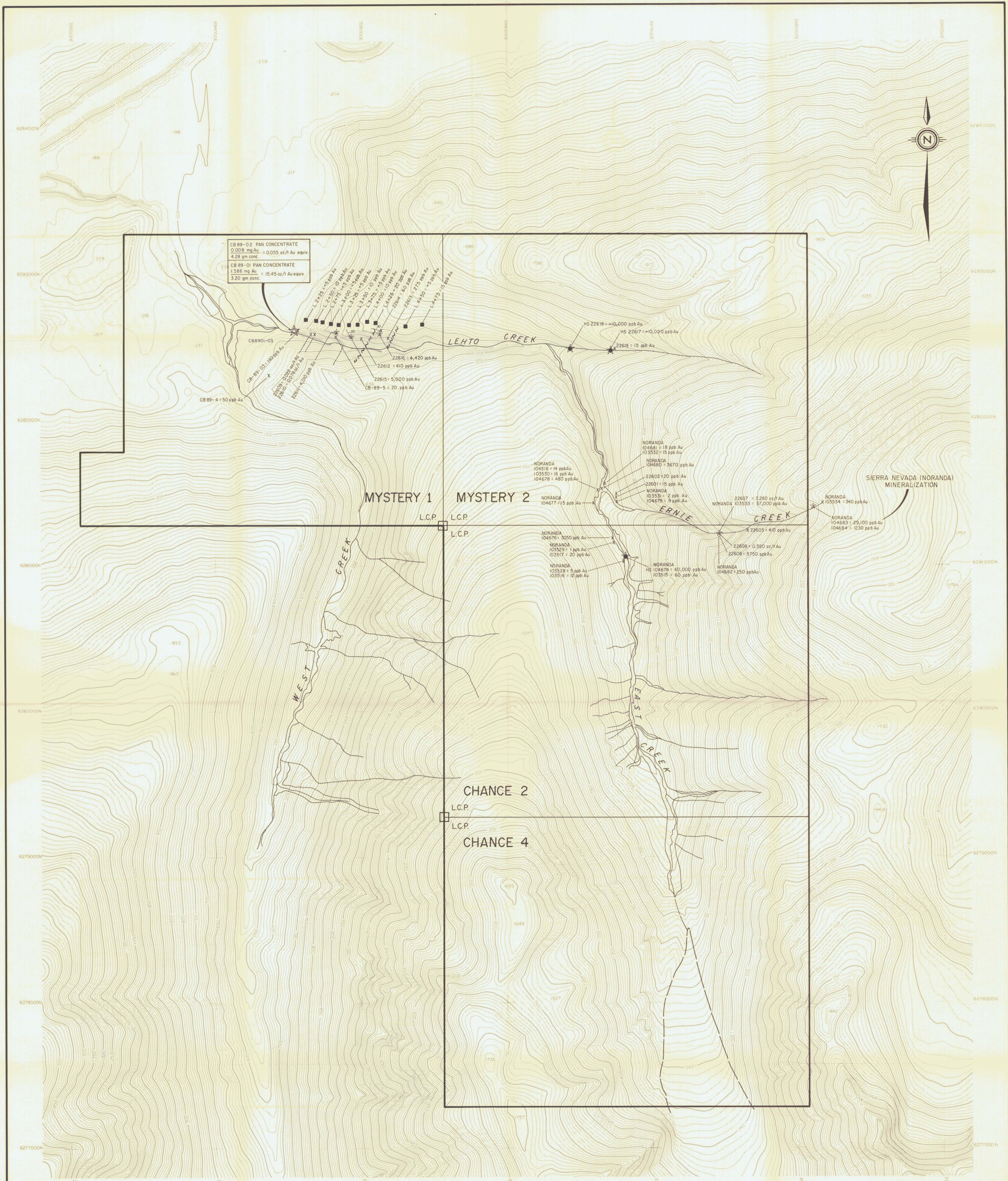
I, CHARLES K. IKONA, of 5 Cowley Court, Port Moody, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Mining Engineer with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a degree in Mining Engineering.
3. THAT I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.
4. THAT this report is based on work conducted under my direction in 1988 and on extensive knowledge of the immediate area.
5. THAT I have an interest in the property described herein and in the securities of Barytex Resource Corp.
6. THAT I hereby grant permission to Barytex Resource Corp. for the use of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

DATED at Vancouver, B.C., this 18<sup>th</sup> day of June, 1990.

  
Charles K. Ikona, P.Eng.





CB 89-02 PAN CONCENTRATE  
 0.008 mg Au = 0.055 oz/ft Au equiv  
 4.28 gm conc

CB 89-01 PAN CONCENTRATE  
 1.586 mg Au = 15.45 oz/ft Au equiv  
 3.20 gm conc



Scale 1:10,000  
 0 200 400 600 800 1000 m

- SAMPLING DATA**
- x ROCK CHIP SAMPLE
  - HEAVY SEDIMENT SAMPLE
  - SILT SAMPLE
  - SOIL SAMPLE
  - △ PAN CONCENTRATE
  - ☆ ANOMALOUS VALUE

**BARYTEX RESOURCES CORP.**  
**MYSTERY 1, 2 AND CHANCE 2, 4**  
**MINERAL CLAIMS**  
**1989 ROCK CHIP, HEAVY SEDIMENT,**  
**SILT & SOIL SAMPLE LOCATION MAP**

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN: J.W.	N.T.S. 104B/10	DATE: MAY, 1990	FIG. No. <b>6</b>
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GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

**20,126**