

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 92.09.25

ASSESSMENT REPORT 21999

MINING DIVISION: Liard

PROPERTY: Best Bet  
LOCATION: LAT 56 48 00 LONG 130 38 00  
UTM 09 6296100 400248  
NTS 104B15E  
CLAIM(S): Best Bet 5-6, Wally, Henry, Nick, Ernie, Ted  
OPERATOR(S): Glendale Res.  
AUTHOR(S): Montgomery, A.T.; Ikona, C.K.  
REPORT YEAR: 1991, 69 Pages  
KEYWORDS: Jurassic, Andesites, Basalts, Argillites, Siltstones  
WORK  
ONE: Geological, Geochemical, Prospecting  
PROS 150.0 ha  
SOIL 64 sample(s) ; ME  
Map(s) - 2; Scale(s) - 1:12 500

LOG NO: DEC 21 1991 RD.

ACTION:

FILE NO.

1991 GEOLOGICAL AND GEOCHEMICAL  
ASSESSMENT REPORT ON THE  
BEST BET 5 & 6, WALLY, HENRY, NICK,  
ERNIE AND TED MINERAL CLAIMS

**RECEIVED**  
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Located in the Iskut River Area  
Liard Mining Division  
British Columbia  
NTS 104B/15E  
56°48' North Latitude, 130°38' West Longitude

OWNER: MR. ED CARSON  
OPERATOR: GLENDALE RESOURCES INC.

- Prepared by -  
A.T. MONTGOMERY, Geologist  
C.K. IKONA, P.Eng.

November, 1991

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

21,999

1991 GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT ON THE  
BEST BET 5 & 6, WALLY, HENRY, NICK, ERNIE AND TED MINERAL CLAIMS

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1991 GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT ON THE  
BEST BET 5 & 6, WALLY, HENRY, NICK, ERNIE AND TED MINERAL CLAIMS

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## 1.0 INTRODUCTION

Glendale Resources Inc.'s Henry property (Wally, Henry, Nick, Ernie and Ted claims) and Best Bet property (Best Bet 5 & 6 claims), located in the Iskut River area of northwestern British Columbia, were the subject of geological and geochemical assessment work programs during the 1991 field season.

The properties are located on Map Sheet NTS 104B/15, immediately east of Forrest Kerr Creek north of the Iskut River junction.

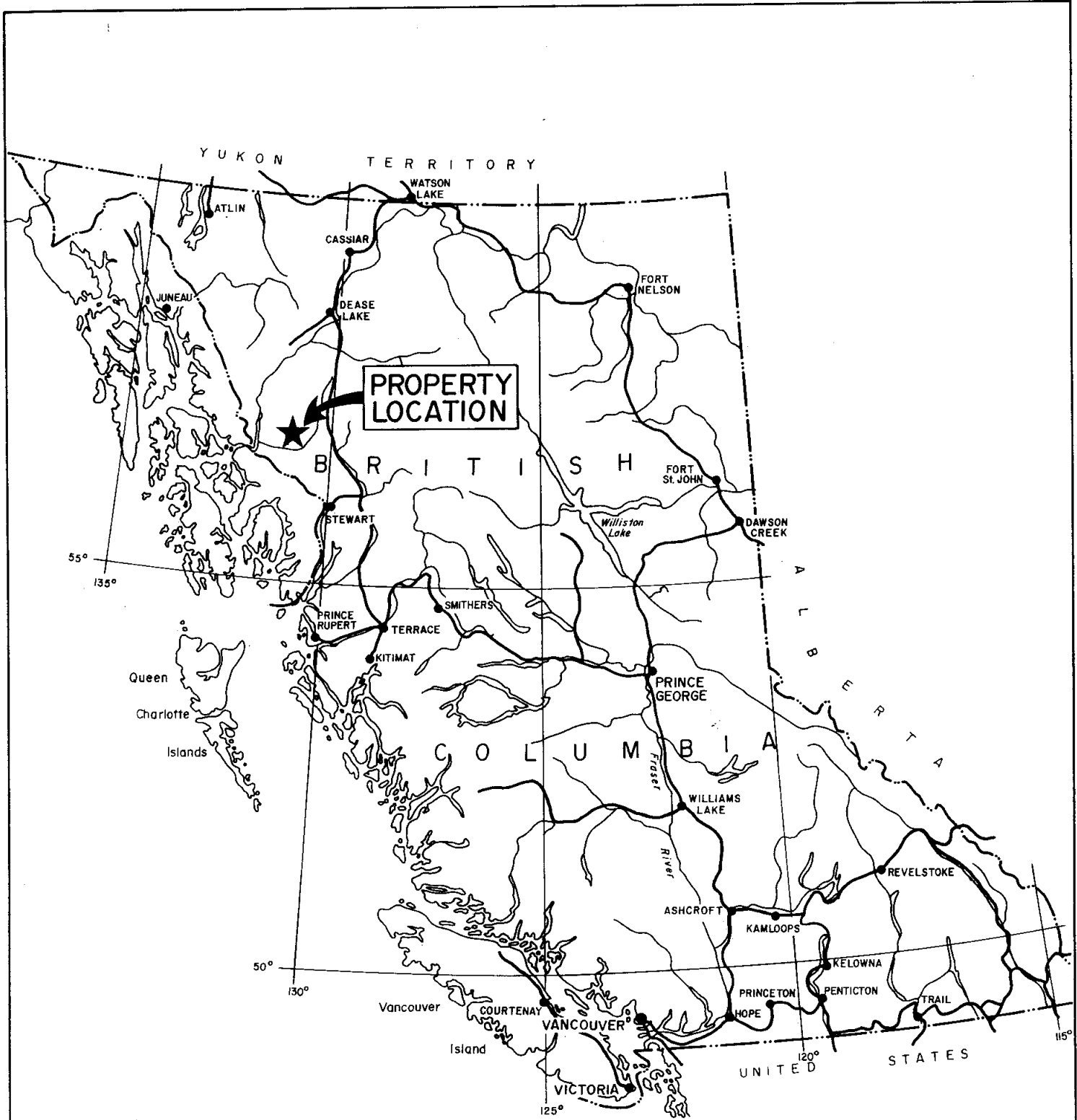
Work was carried out between September 22 and 24, 1991 by Pamicon Developments Ltd. on behalf of Glendale Resources Inc. and included contour soil sampling, geological mapping, prospecting and rock sampling. This work follows reconnaissance sampling and mapping programs completed in 1990. The properties were staked during September 1989 and January 1990.

Government mapping indicates that most of the claims area is underlain by Jurassic Hazelton Group Eskay Creek Facies volcanics. A pillow basalt sequence underlying most of the property area is stratigraphically equivalent to andesite breccia overlying the Eskay Creek deposit, 18 kilometres to the southeast.

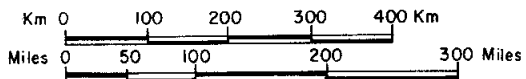
Geochemical soil and rock sampling completed during the 1991 program failed to return any anomalous base or precious metal values. However work completed to date on the claims represents only a partial assessment of the properties. Further work including geophysical, geochemical and geological surveys is recommended on both properties.

## 2.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The mineral claims are located approximately 115 kilometres northeast of Wrangell, Alaska, and 110 kilometres north of Stewart, British Columbia, on the eastern edge of the Coast Range Mountains (Figure 1). Bob Quinn Lake on the Stewart-Cassiar Highway is situated 30 kilometres to the east-northeast



<p>GLENDALE RESOURCES INC.</p>			
<p>BEST BET 5 &amp; 6, TED, HENRY, WALLY, ERNIE, NICK CLAIMS</p>			
<p><b>PROPERTY LOCATION MAP</b></p>			
<p>LIARD MINING DIVISION, B.C.</p>			
<p><b>PAMICON DEVELOPMENTS LTD.</b></p>			
DRAWN.	N.T.S.	DATE.	FIGURE.
J.W.	104B/15E	OCT.1991	<b>1</b>



while Bronson airstrip servicing Cominco/Prime's Snip mine and other mining activity in the area is 35 kilometres to the west-southwest. Forrest Kerr Creek flows immediately west of the claims while the Iskut River is located to the south and east of the claims. Coordinates of the claims area are 56°50' north latitude and 130°35' west longitude for the Best Bet property and 56°46' north latitude and 130°35' west longitude for the Henry property. The properties fall under the jurisdiction of the Liard Mining Division.

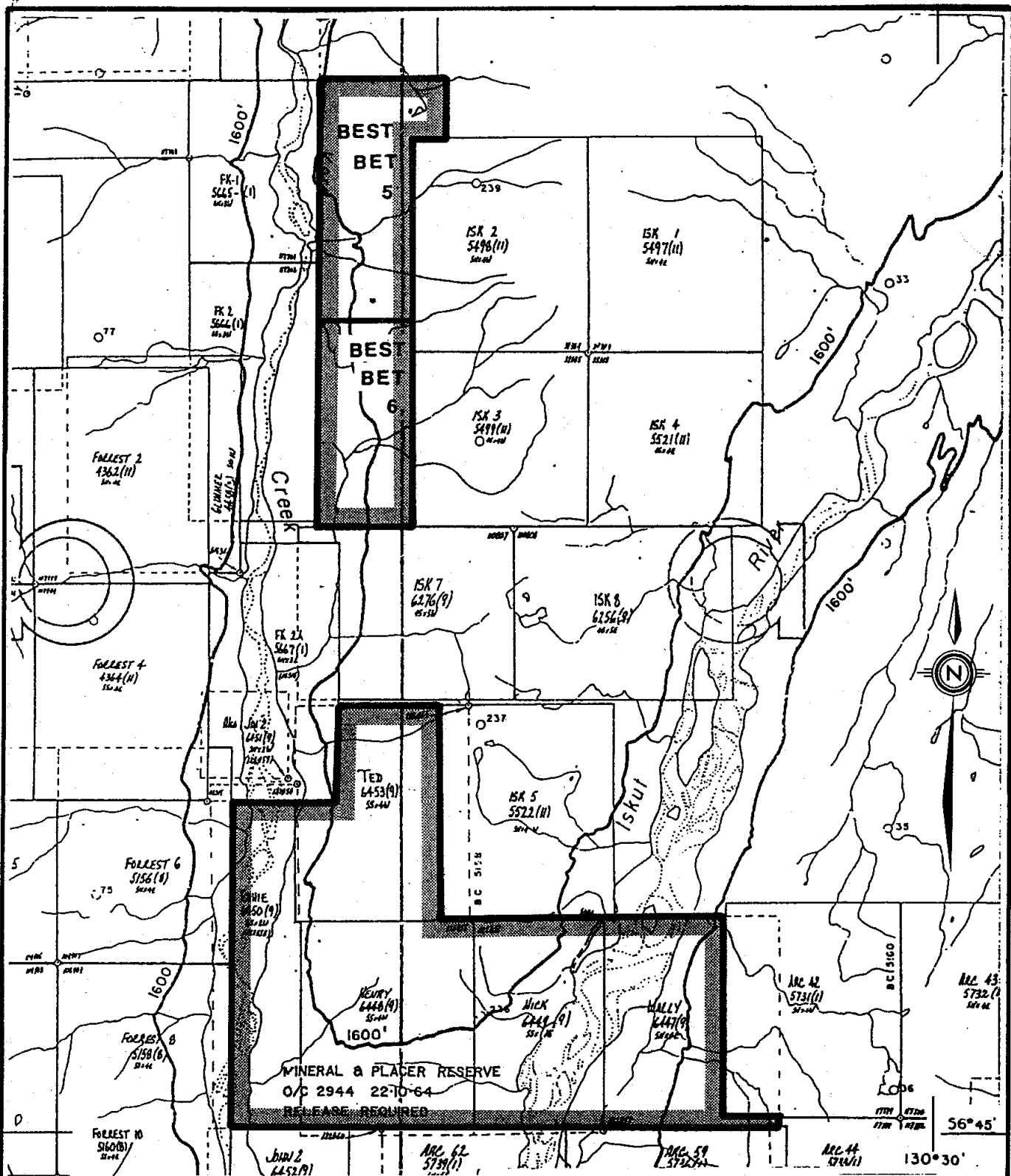
Access to the properties in 1991 was by helicopter from the Bronson Creek gravel airstrip. Frequent scheduled and charter flights to the Bronson strip from Smithers, Terrace and Wrangell, Alaska are available during the field season using a variety of fixed wing aircraft.

During the 1991 field season an access road to Eskay Creek was completed from Bob Quinn Lake on the Stewart-Cassiar Highway along the Iskut to the Iskut River-Volcano Creek junction, a distance of approximately 30 kilometres. This road crosses the Henry claim group east of the Iskut River, and will provide excellent access during future programs.

The claims occupy a portion of the Forrest Kerr valley as well as higher ground to the east. Elevations range from 255 metres above sea level near Forrest Kerr Creek to 1200 metres in the higher portions of the properties. Treeline is between elevations of 1100 and 1600 metres. Lower slopes are predominantly covered with large spruce and fir timber. The property at higher elevations can be worked from June to mid-October. The intermediate elevations are generally characterized by moderate to extreme relief and dense vegetation which can handicap investigation.

### 3.0 LIST OF CLAIMS (Figure 2)

Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the following claims, located in the Liard Mining Division, are owned by Mr. Ed Carson. The properties are subject to an option



**GLENDALE RESOURCES INC.**

**BEST BET 5 & 6, TED, HENRY,  
WALLY, ERNIE, NICK CLAIMS**

**CLAIM LOCATION MAP**

LIARD MINING DIVISION, B.C.

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**PAMICON DEVELOPMENTS LTD.**

DRAWN. J.W.	N.T.S. 104B/15E.	DATE. OCT. 1991	FIG. <b>2</b>
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Km 0 1 2 4 Km



agreement whereby Glendale Resources Inc. may earn 100% interest in the claims.

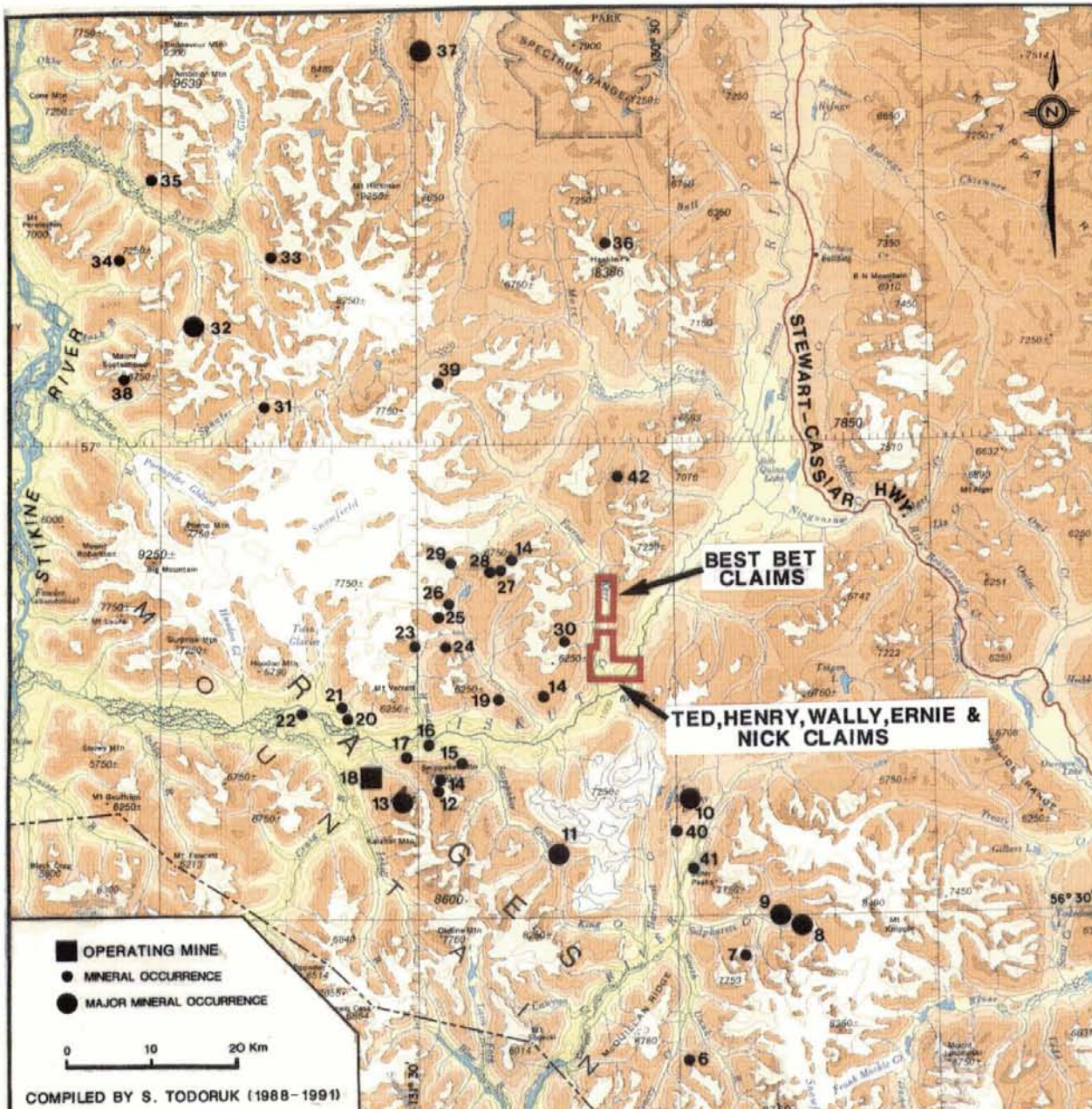
<u>Claim Name</u>	<u>No. of Units</u>	<u>Record Number</u>	<u>Date of Record</u>	<u>Expiry Date*</u>
Best Bet #5	18	6647	January 22, 1990	January 22, 1993
Best Bet #6	15	6648	January 22, 1990	January 22, 1993
Ted	20	6453	September 25, 1989	September 25, 1992
Wally	20	6447	September 26, 1989	September 26, 1992
Henry	20	6448	September 27, 1989	September 27, 1992
Nick	15	6449	September 27, 1989	September 27, 1992
Ernie	<u>16</u>	6450	September 25, 1989	September 25, 1992
Total	124			

\*pending government acceptance of 1991 assessment report

All claims are subject to release pursuant to o/c 2944, October 22, 1964.

#### 4.0 AREA HISTORY

Figure 3 of this report presents a 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 Jurassic age Hazelton Group and Triassic age Stuhini Group Island arc volcanic and sedimentary rocks (Unuk River Formation, Betty Creek Formation, Mt. Dilworth Formation, Salmon River Formation) with their metamorphic equivalents trend northwest and contain many of the region's known mineral occurrences. Older Devonian, Mississippian and Permian Stikine Assemblage limestone reef and mafic to felsic volcanic rocks also represent a prospective mineral host. These units are bounded by the Coast Range intrusive complex to the west and by mid to upper Jurassic sediments of the Bowser Basin to the east.



COMPILED BY S. TODORUK (1988-1991)

**PROPERTY OWNER**

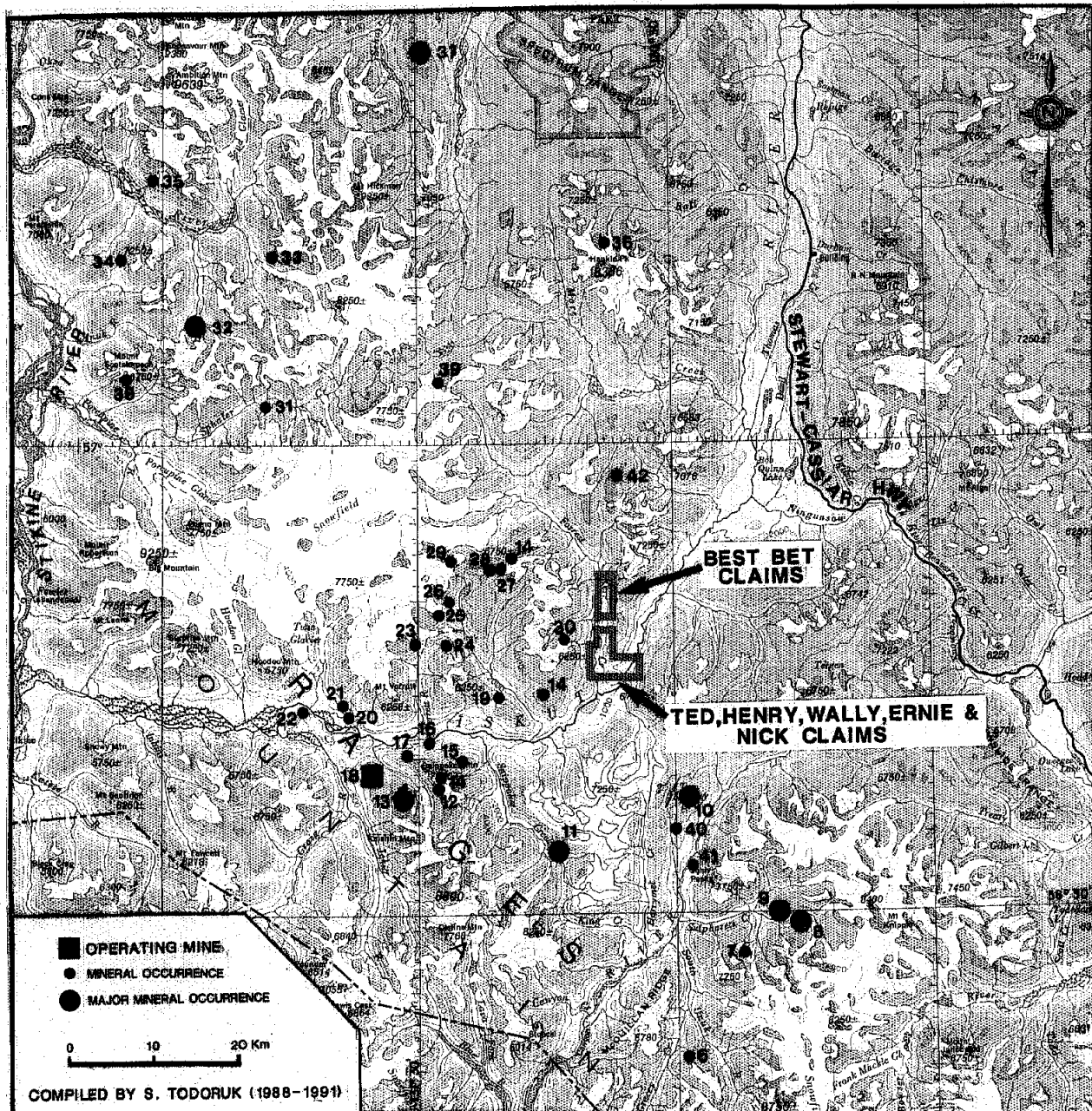
1. Westain Resources Ltd./Sillish Premier Mines
2. Westain Resources Ltd./Fourteen Mining Explorations Ltd.
3. Noranda (Todd Creek Project)
4. Seattle Gold Mine
5. Cranbrook
6. Canadian Caribou Resources/Wagon Ventures/Silver Princess Resources (Over Project)
7. Flaxey Iron Inc. (Kerr Project)
8. Casey Resources Ltd. (Gold Ridge Project)
9. Noranda/Cranbrook (Selkirk West Zone Project)
10. Prime/Priskin Resources Ltd. (Baker Creek Project)
11. Consolidated Silver Standard Mines Ltd. (E & L Deposit)
12. Inco Resources Ltd.
13. Skyline Gold Corporation (Johnny Mountain Mine)
14. Keaton Resources Ltd.
15. Vector Resources Inc./Nephele Resources Ltd. (Golden Spray Mine)
16. Keyfitz/Boyd & Peterson
17. Klondike
18. Consolidated Silver Standard/Pacific Century Bayl. (Hayfield Project)
19. International Prism Exploration Ltd.
20. Noranda Resources Ltd.
21. Prime Resources Corp./American Ore Ltd./Sulden Sand
22. Carrol/Phin (Black & Hill Project)
23. International Prism Exploration Ltd.
24. Prepaid Resource Corp.
25. Sea Gold Resources Inc.
26. Gulf International Minerals Ltd. (Northwest Zone)
27. Consolidated Caprock Resources/Crimmonstar (Kerr Claims)
28. International Prism Exploration Ltd.
29. International Prism Exploration Ltd.
30. Noranda Resources Inc. (Furber Project)
31. Pass Lake Resources Ltd./Laurie Resources Ltd. (Trek Project)
32. Hedono Bay/Inco/Priskin (Selkirk Creek Deposit)
33. Continental Gold Corp./Priskin Resources Ltd./Sillish Mines Ltd.
34. Inco Resources Ltd./Inco Resources Ltd. (Jack Wilson Project)
35. Pass Lake Resources Ltd./Consolidated Goldmine Ltd. (20 Project)
36. Lar Minerals (Chadwick Peak Project)
37. Scheff Creek
38. Consolidated Silver Standard/Pacific Century Bayl. (Hayfield Project)
39. Continon (Overmont Project)
40. Consolidated Silver Standard/American Pulse
41. Savage/Springs Resources/Dove Resources
42. Noranda/High Frontier Resources/Kennecott

**MINERAL RESERVES AND/OR ELEMENTS**

- 6,100,000 tonnes 0.094 oz/ton Au, 2.73 oz/ton Ag
- 1,860,000 tonnes 0.19 oz/ton Au, 1.61 oz/ton Ag
- Au
- 16,890,000 tons 1.75 Cu
- 470,000 tons 0.27 oz/ton Au, 1.31 oz/ton Ag
- 66 million tons, .085 Cu, .010 oz/ton Au
- 375,000 tons 0.75 oz/ton Au, 1.8 oz/ton Ag
- 870,400 tons 0.44 oz/ton Au, 18.9 oz/ton Ag
- 5.2 million tons 0.67 oz/ton Au, 24.1 oz/ton Ag
- 1,260,000 tons 0.805 Au, 0.642 Cu
- Au, Ag, Cu, Pb, Zn
- 219,000 tons 0.45 oz/ton Au added in August, 1990
- Au, Ag, Cu, Pb, Zn
- Au, Ag
- Au, Ag, Cu, Pb, Zn
- Au, Ag, Cu, Pb, Zn
- 1,332,000 tons 0.873 oz/ton Au
- Ag, Au
- Au
- Au
- Au, Ag, Cu, Pb, Zn
- Au
- Au
- Au, Ag, Cu
- Ag, Cu, Au
- Ag, Cu, Pb, Zn
- Au, Ag, Cu, Pb, Zn
- Au, Ag, Cu, Pb, Zn
- 121,000,000 tonnes 1.052 Cu, 0.317 g/t Au, 7.94 g/t Ag
- Au, Ag, Cu
- Au, Cu
- Au, Cu
- Au
- 910,000,000 tonnes 0.105 Cu, 0.0015 Au, 0.113 g/t Au, 0.150 g/t Ag
- 300,000 tons 0.120 oz/ton Au
- Au, Ag, Cu, Pb, Zn
- Au, Ag
- Au, Ag
- Au

**GLENDALE RESOURCES INC.**  
**BEST BET CLAIMS TED, HENRY, WALLY, ERNIE & NICK CLAIMS**  
**Regional Mineral Occurrence Map**  
**LIARD MINING DIVISION, B.C.**  
**PAMICON DEVELOPMENTS LTD.**  
 DRAWN. J.W. N.T.S. DATE 103.104 OCT. 1991 FIGURE. 3





COMPILED BY S. TODORUK (1988-1991)

**PROPERTY OWNER**

1. Westin Resources Ltd./2011th Premier Mines
2. Westin Resources Ltd./Toussaint Mining Exploration Ltd.
3. Noranda (Ore) Creek Project
4. Seattle Gold Mine
5. Grand
6. Canadian Cariboo Resources/Magna Ventures/Silver Princess Resources (Ore Project)
7. Placer Dome Inc. (Kerr Project)
8. Catara Resources Ltd. (Gold Ridge Project)
9. Noranda/Grand (Oligocene West Zone Project)
10. Prince/Elkton Resources Ltd. (Elkay Creek Project)
11. Consolidated Silver Standard Mines Ltd. (S & L Deposit)
12. Teed Resources Ltd.
13. Skyline Gold Corporation (Johnny Mountain Mine)
14. Cavalry Resources Ltd.
15. Vector Resources Inc./Nephele Resources Ltd. (Golden Spray Vein)
16. Royal Knight/Big Petroleum
17. Ulimbo
18. Comstock/Prime Resource Corp. (Gulp Deposit)
19. International Prisa Explorations Ltd.
20. Meridor Resources Ltd.
21. Prime Resource Corp./American Ore Ltd./Olden Lead
22. Doran/Philo (Bock & Hill Project)
23. International Prisa Explorations Ltd.
24. Pexgold Resource Corp.
25. Sea Gold Resources Inc.
26. Gulf International Minerals Ltd. (Northwest Zone)
27. Consolidated Copper Resources/International Kerr (Glen)
28. International Prisa Explorations Ltd.
29. International Prisa Explorations Ltd.
30. Amalco Resources Inc. (Forest Project)
31. Pass Lake Resources Ltd./Lorica Resources Ltd. (Tree Project)
32. Hudson Bay/Comstock/Lomax (Galena Creek Deposit)
33. Continental Gold Corp./CIGL Resources Ltd./Goldhill Mines Ltd.
34. Bullex Resources Ltd./Saratov Resources Ltd. (Check Wilson Project)
35. Pass Lake Resources Ltd./Consolidated Goldwest Ltd. (JF Project)
36. Lac Minerals (Banka Peak Project)
37. Schell Creek
38. Consolidated Silver Standard/Pacific Century Expl. (Baylert Project)
39. Contaco (Paromet Project)
40. Consolidated Silver Belle/American Pike
41. Grange/Springer Resources/Ore Resources
42. Noranda/High Frontier Resources/Denacott

**MINERAL RESERVES AND/OR ELEMENTS**

- 6,100,000 tonnes 0.654 oz/ton Au, 2.33 oz/ton Ag
- 1,850,000 tonnes 0.29 oz/ton Au, 0.41 oz/ton Ag
- Au
- 10,890,000 tons 1.75 Cu
- 470,000 tons 0.27 oz/ton Au, 1.31 oz/ton Ag
- 66 million tons, .853 Cu, .511 oz/ton Au
- 375,000 tons 0.75 oz/ton Au, 1.0 oz/ton Ag
- 820,400 tons 0.41 oz/ton Au, 10.9 oz/ton Ag
- 5.2 million tons 0.47 oz/ton Au, 21.1 oz/ton Ag
- 1,300,000 tons 0.405 Au, 0.652 Cu
- Au, Ag, Cu, Pb, Zn
- 210,000 tons 0.45 oz/ton Au mined to August, 1990
- Au, Ag, Cu, Pb, Zn
- Au, Ag
- Au, Ag, Cu, Pb, Zn
- Au, Ag, Cu, Pb, Zn
- 1,672,000 tons 0.611 oz/ton Au
- Au, Ag
- Au
- Au, Ag, Cu
- Au, Cu, Zn
- Au, Pb, Zn
- Cu, Au
- Au, Ag, Cu
- Cu, Au
- 125,000,000 tonnes 1.053 Cu, 0.397 g/t Au, 7.24 g/t Ag
- Au, Ag, Cu
- Au, Cu
- Au, Cu
- Au
- 30,000,000 tonnes 1.302 Cu, 0.200 Au, 0.113 g/t Au, 0.531 g/t Ag
- 200,000 tons 0.170 oz/ton Au
- Au, Ag, Cu, Pb, Zn
- Au, Ag
- Au, Ag
- Au

**GLENDALE RESOURCES INC.**  
**BEST BET CLAIMS TED, HENRY, WALLY, ERNIE & NICK CLAIMS**  
**Regional Mineral Occurrence Map**  
**LIARD MINING DIVISION, B.C.**  
**PAMICON DEVELOPMENTS LTD.**  
 DRAWN: J.W. N.T.S. DATE: OCT 1991 FIGURE 3

Mining activity within this area goes back to the turn of the century. This area of approximately 10,000 square kilometres has historically been referred to as the Stikine Arch comprising several distinct mineral camps including 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 to present.

#### 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 headwaters 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>
Cominco/Prime	Snip	Iskut	1,032,000	0.875		Note 1
Newhawk/Lacana	West Zone	Sulphurets	550,400	0.420	18.00	Note 2
	Sulphurets Lake Zone	Sulphurets	20,000,000	0.08		Note 3
Catear Resources	Gold Wedge	Sulphurets	295,000	0.835	2.44	Note 4
Westmin Silbak	Silbak	Stewart	5,770,000	2.06 g/t	86.3 g/t	

Note 1: News Release, Vancouver Stockwatch, November 7, 1988

Note 2: News Release, Northern Miner, February 19, 1990

Note 3: News Release, Vancouver Stockwatch, August 24, 1989

Note 4: Pers. Comm., Catear Resources

Between August, 1988 and July, 1990 Skyline Gold Corp. produced 210,000 tons grading 0.45 oz/ton Au (pers. comm., D. Yeager) from its Reg property. Production at the Snip Mine began on schedule in January 1991 with a present production rate at 360 metric tonnes per day. Snip is expected to produce 93,000 troy ounces of gold per year (Mining Review, September/October, 1991).

These successes have generated extensive exploration activity in the area which has led to the discovery of a large number of mineral occurrences. This recent wave of exploration activity is confirming the diversity and richness of mineralization in the Stikine Arch area. Discoveries include precious metal veins and shears, gold enriched skarns, porphyry style Cu-Au deposits and most recently VMS type massive sulphide deposits (Eskay Creek, Black Dog).

The most notable discovery to date is on Tom MacKay's old Eskay Creek showings. Work on this project by Prime/Stikine Resources indicates a major gold-silver-base metal mineral deposit of possible volcanogenic massive sulphide and epithermal affinity with a minimum strike length of 1800 metres. Some notable 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 89-109	682.2 feet	0.875 oz/ton Au and 0.97 oz/ton Ag
including	62.3 feet	7.765 oz/ton Au and 1.35 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. In 1990 an underground development and sampling program was initiated on the deposit to confirm reserves and obtain bulk samples for metallurgical testing. This program completed in May involved 6,653 feet of underground development and 8,202 feet of drilling. Work is continuing by majority share holders Corona and Placer Dome with environmental studies, underground development and mining and milling engineering studies. Recent reserve figures stand at 5.2 million tons grading 0.67 oz/ton Au and 24.13 oz/ton Ag, with base metal values (The Northern Miner, September 23, 1991). A start-up date as early as 1994 is being projected. Road construction to the proposed mine site is continuing on schedule and has reached the Iskut River/Volcano Creek junction as of September 1991.

Recent (September 1991) activity adjacent to Eskay has led to a possibly significant gold-silver discovery by Springer Resources/Cove Resources/Granges. Hole J-91-7 intersected 4 metres of 33.3 grams Au and 248 grams Ag per tonne (The Northern Miner, September 30, 1991).

Drilling on Gulf International Minerals' Northwest Zone skarn near Newmont Lake was carried out between 1987 and 1990. Better drill intersections include hole 88-28, 15.1 feet @ 0.810 oz/ton Au and hole 90-18, 9.2 feet @ 7.280 oz/ton Au (1990 annual report).

In September 1989 Bond International Gold Inc. announced initial drill results from their Red Mountain project. The location of this project is 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. Recently published reserves for the Marc Zone total 933,000 tons of 0.37 oz/ton Au (The Northern Miner, February 18, 1991). 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.

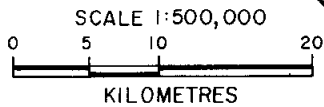
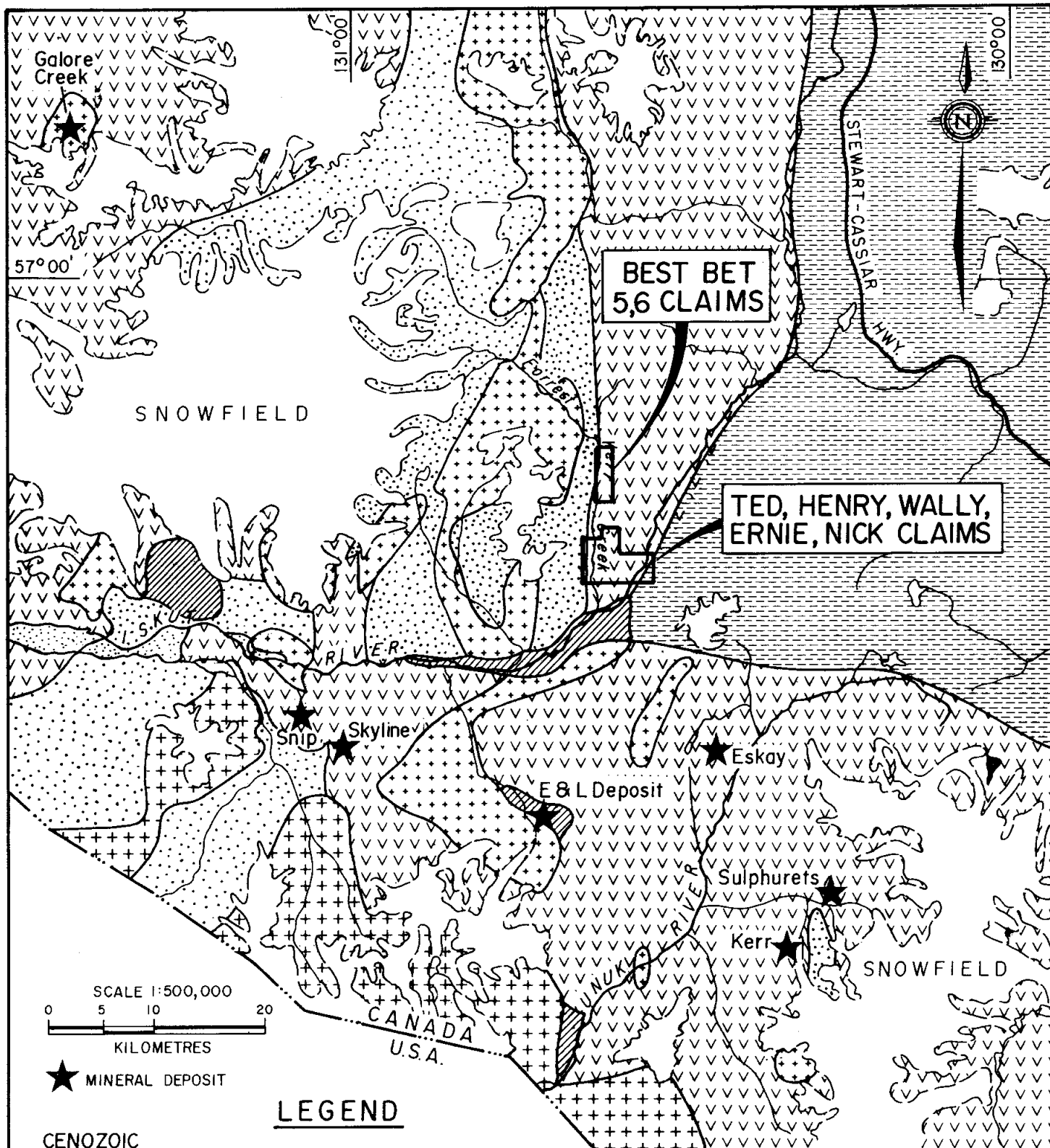
The locations of a number of these occurrences are indicated in the accompanying figure. At this time these represent only a fraction of the reported results in this rapidly developing area.

## 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, 1972, 1973, 1982, 1986). 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. In addition, the Mineral Deposit Research Unit (MDRU) is conducting a 3 year study of the metallogenesis of the Iskut River area, B.C.

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. Latest interpretations by Anderson (1989, 1990) outline the Stikine lithostructural terrane at the western edge of the Intermontaine tectonic belt as four distinct tectonostratigraphic assemblages extending from Stewart northwest to Telegraph Creek:





★ MINERAL DEPOSIT

**LEGEND**

**CENOZOIC**

- Recent basalt flows
- Early Tertiary felsic intrusives, primarily quartz monzonite

**MESOZOIC**

- Jurassic to Tertiary intrusives, felsic to intermediate, incl. Coast Range Intrusives
- Middle to Upper Jurassic Bowser Lake Group clastic sediments

- Upper Triassic to Upper Jurassic volcanics and sediments, Hazelton and Stuhini Groups

**PALEOZOIC**

- Permian and older clastic, limestone and volcanic rocks and metamorphic equivalents; includes metamorphic rocks of unknown age.

<b>GLENDALE RESOURCES INC.</b>			
<b>BEST BET 5 &amp; 6, TED, HENRY, WALLY, ERNIE, NICK CLAIMS</b>			
<b>SIMPLIFIED REGIONAL GEOLOGY</b>			
LIARD MINING DIVISION, B.C.			
<b>PAMICON DEVELOPMENTS LTD.</b>			

Geology interpreted from G.S.C. Map II-1971, Telegraph Creek; Equity Preservation Corp., Stewart-Sulphurets-Iskut Map 1988; B.C.G.S. Open File 1990-1; and from Pamicon Developments Ltd. field maps.

Drawn.	N.T.S.	Date	FIG.
J.W.	103,104	OCT. 1991	<b>4</b>

- \* Paleozoic Stikine Assemblage reef limestone and mafic to felsic volcanics
- \* Triassic to Jurassic volcano-plutonic arc complexes (Stuhini Group, Hazelton Group)
- \* Middle and Upper Jurassic Bowser overlap assemblage in the east
- \* Tertiary Coast plutonic complex to the west

Age dating of mineralization within the various mining districts suggests a close cospatial and coeval relationship with Jurassic volcanics and intrusives. This has directed exploration efforts toward these members. Godwin's (Godwin et al., 1990) galena lead isotope dates define Jurassic Au-Ag-Cu-Zn-Pb mineralization that is cogenetic with the Hazelton Group and associated plutons.

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

## PALEOZOIC

### Stikine Assemblage Volcanic and Sedimentary Rocks

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 mafic to felsic volcanic flows, tuffs and volcanoclastics.

## MESOZOIC

### Stuhini Group Volcanic and Sedimentary Rocks

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 intermediate to mafic volcanics interfingering with minor shale members in the southeast.

### Transitional Unit

A gradational contact is recognized between the sedimentary, basinal facies of the Stuhini Group and a condensed section of Hazelton Group volcanic rocks near the headwaters of the Unuk River and Treaty Creak. Siliceous siltstone, greywacke and conglomerate lie above uppermost Stuhini group rocks, and interfinger with dacite sills and flows underlying Hazelton group lava and volcanic breccia.

### Hazelton Group Volcanic and Sedimentary Rocks

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 siliceous siltstone pebble conglomerate and greywacke sediments capped by feldspar porphyry flow; the Betty Creek Formation (Grove, 1986) overlying the Unuk River Formation consists of maroon and green volcanic

conglomerate, breccia siltstones and greywacke often containing diagnostic jasperoidal veins, with the youngest climatic eruption of Hazelton volcanism consisting of dacite to rhyolite, spherulitic rhyolite welded tuff and tuff breccia correlative with 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.

#### Salmon River Formation (Spatsizi Group Equivalent)

Anderson (1990) includes the volcanic poor Lower and Middle Jurassic Salmon River Formation as the upper part of the volcanic-dominant Hazelton Group. Salmon River comprises two members; a thin, belemnoid-rich upper Lower Jurassic calcareous sandstone underlies three informal lower Middle Jurassic facies that form north-trending belts. The eastern Troy Ridge Facies (Pajama beds) is characterized by black cherty, radiolarian-bearing shale and alternating beds of white tuffs. The unit contains more shale to the north and upsection toward the gradational contact with the basal Bowser Lake Group. The pajama bed sequence serves as an important marker for indentifying the favourable underlying Hazelton Group. Westward the Eskay Creek facies pillowed lava and limey to siliceous shale and siltstone replace the Troy Ridge facies. Further west near Snippaker Mountain andesitic lavas and breccias overlie sandy limestone, limey conglomerate and limey sandstone, forming the Snippaker Mountain facies.

### Bowser Group Sedimentary Rocks

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 VOLCANIC ROCKS

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 1991 WORK PROGRAM

Exploration programs fulfilling assessment work requirements were completed on Glendale Resources Inc.'s Henry property and Best Bet property. Work on the Henry property comprised two days of geochemical contour soil sampling and 1:12,500 scale geological mapping in conjunction with prospecting and rock sampling. A similar program was completed over one day on the Best Bet property. These programs follow reconnaissance prospecting, geological mapping and contour soil sampling completed in 1990.

## 6.1 HENRY PROPERTY

Work was completed September 22 and 23, 1991 on the south Henry and Nick claims where argillite and siltstone form part of the underlying volcanic sequence. Argillite occurs in association with volcanogenic massive sulphide mineralization at Eskay Creek and at Eurus Resource Corp./Thios Resources Inc.'s Black Dog deposit, located along the Iskut River approximately 40 kilometres to the west.

Forty-six, mainly B-horizon contour soil samples were collected along an east-west line between the Iskut River and Forrest Kerr Creek (Figure 6). Samples were collected at depths between 25 cm and 50 cm at 50 metre sample spacings. Eight rock chip samples were collected in conjunction with geological mapping. Samples were analyzed for gold and 32 element ICP at Chemex Labs Ltd. of North Vancouver, B.C. Sample descriptions, analytical results and procedures are appended to this report.

## 6.2 BEST BET PROPERTY

On the Best Bet property, work was completed September 24, 1991 in the north-west Best Bet 5 claim, an area underlain by basalt breccia, intermediate tuff and minor argillite. Eighteen contour soil samples, mainly B-horizon, were collected along the 540 metre contour elevation between depths of 20 cm and 50 cm at 25 metre sample spacings (Figure 7). Four rock chip samples were collected during mapping and sent to Chemex Labs Ltd. for gold plus 32 element ICP analysis.

## 7.0 PROPERTY GEOLOGY, GEOCHEMISTRY AND MINERALIZATION

Sample results and locations and results from geological mapping for the two claim blocks is presented on Figure 6 (Wally, Henry, Nick, Ernie and Ted claims) and Figure 7 (Best Bet 5 and 6 claims).

### 7.1 HENRY PROPERTY (Figure 6)

The claim group occupies an area near the junction of the Iskut River and Forrest Kerr Creek. Brief property geological mapping correlates well with government scale mapping from 1989 and 1990.

The most extensive unit on the claims is Middle (?) Jurassic Hazelton Group grey to green pillow basalt, pillow breccia flows and flow breccias (Figure 5) (unit mJvb on Open File 1990-2). R.G. Anderson of the GSC refers to this succession as the Salmon River Formation, Eskay Creek Facies which in the property area is believed to attain a thickness of up to 2000 metres. Eighteen kilometres to the southeast this unit is 150 metres thick and at its base is intercalated with a distinctive basal carbonaceous mudstone/mudstone-rhyolite breccia, the "contact unit", which hosts the Eskay Creek deposit.

In 1990, possibly correlative stratigraphy to the Eskay Creek deposit "contact unit" was mapped along an east-west trending saddle at the lowest topographical levels on the south end of the property. These rocks reportedly lie underneath the thick succession of Middle (?) Jurassic pillow basalts. Rocks in this area consist of lapilli ash flow tuffs, siltstone and argillites. Further work is required to determine the stratigraphic position and significance of these units.

In this part of the property, government mapping also indicates a northeast trending contact between the pillow basalt unit and an overlying unit of dark green brecciated siliceous siltstones, pyritic cherts and carbonaceous tuffaceous wackes (unit Jw on Figure 5). This area was the focus of 1991 mapping on the claims. Work outlined a sequence of intermediate lapilli to ash tuff and subordinate brecciated argillite, poorly bedded argillite and crystal tuff, with rare pebble conglomerate lenses. Pebble conglomerate is present at the base of the conformably overlying Bowser Lake Group basinal sediments, suggesting that this package of volcanic and sedimentary rocks occurs stratigraphically directly below the Bowser Lake Group and consequently above unit mJvb, the pillow basalt sequence.







One small diorite/gabbro intrusive was noted on the property in the north central claims area at approximately the 3,000 foot ASL level. This intrusive may represent a feeder to the basalts.

Structurally, the property is cut by two major fault systems which parallel the Iskut River and Forrest Kerr Creek. Topographical features indicate that a third east-northeast fault direction may exist on the property.

Extensive overburden consisting of glacial till deposits and recent alluvium cover the Iskut River and Forrest Kerr Creek valleys and lower hillsides.

Contour soil sampling and rock sampling carried out in 1991 in the south property area failed to return any anomalous results. All soil samples assayed less than the 5 ppb Au detection limit, while maximum values for other elements included 0.6 ppm Ag, 89 ppm Cu, 20 ppm Pb and 330 ppm Zn. From rock samples the highest gold value, 30 ppb Au, was collected from a grab sample of pyritic altered volcanic. Other maximum values included 0.6 ppm Ag, 181 ppm Cu, 2 ppm Pb and 74 ppm Zn. This work in addition to soil samples collected in 1990 covers only part of the claims area (Figure 6).

## 7.2 BEST BET PROPERTY (Figure 7)

Geology on the Best Bet 5 and 6 mineral claims is similar to that seen to the south on the Wally, Henry, Nick, Ernie and Ted claims. Middle (?) Jurassic Hazelton Group grey to green pillow basalt and pillow breccia flows cover the entire claims area with the exception of two lenses or windows of alternating black and white siliceous tuffs and sediments which have been mapped by Logan (Open File 1990-2). These rocks may be correlative to the Eskay Creek deposit "contact unit".

More detailed mapping in 1991 in the northwest Best Bet 5 claim outlined an intermediate andesite flow breccia at river elevation underlying dark grey to green basalt breccia and massive basalt at higher elevations. A two metre

wide interbed of rusty weathering, black finely bedded argillite was noted within the basalt breccia unit. A grab sample of this argillite returned background values.

Structurally, northeasterly trending topographic linears were noted on the property and are inferred to represent a northeast fault orientation. A northeasterly fault shown on Open File 1990-2 (Figure 5) crosses the claims.

No significant analytical results were returned from geochemical contour soil samples or rock chip samples collected from the property. All rock and soil samples returned background gold values. Maximum analytical values for other elements included, from soils, 0.2 ppm Ag, 73 ppm Cu, 20 ppm Pb and 312 ppm Zn, and from rock samples, 1.8 ppm Ag, 69 ppm Cu, <2 ppm Pb and 182 ppm Zn. Sampling has only evaluated a small part of the claims area (Figure 7).

## 8.0 MINERAL POTENTIAL

The geological setting in the claims area presents a potential host for both stratabound mineralization similar to that found at Eskay Creek and epigenetic vein and shear hosted precious metal mineralization.

The subject properties are underlain predominantly by a pillow basalt sequence which is stratigraphically equivalent to andesite which overlies the Eskay Creek deposit, located 18 kilometres to the southeast. At Eskay, andesite forms a 150 metre thick upper sequence above the mineralized "contact unit" mudstone and rhyolite breccia. Below this, Mount Dilworth Formation dacite and rhyolite form a basal package.

The Eskay Creek 21B deposit is probably a stratigraphically controlled Kuroko type volcanogenic massive sulphide deposit. This is supported by lead isotope dates which correlate mineralization with Early Jurassic host rocks, and by syngenetic ore textures such as slump structures and graded bedding.

Similar mineralization to that at Eskay can be hypothetically projected along strike to the equivalent stratigraphic sequence in the claims area. The pillow basalt sequence which underlies much of the properties and is reportedly up to 2000 metres thick would overly a projected contact horizon. Whether or not this sequence is a consistent thickness over the entire claims area is unknown. Thinner accumulations of basalt in areas may result in exposure of deeper stratigraphy. Fault uplifting and folding may also contribute to exposing underlying stratigraphy. Argillite mapped on the properties indicates a sedimentary component, possibly near a transition zone analogous to the Eskay contact horizon.

The overlying basalt package itself could presumably host volcanogenic stratabound mineralization, possibly of the Cyprus type.

As well as stratabound volcanogenic massive sulphide mineralization, the claims area is a potential host for epigenetic vein and shear hosted precious metal mineralization. These types of occurrences in the Iskut-Eskay region are characteristically associated with structural features and intrusive activity. Both criteria exist at the property area. The claims straddle the Forrest Kerr Creek and Iskut River regional structures, and on the properties several topographic linear features may reflect faulting. Intrusive activity in the area includes a small diorite plug on the Henry property, and west of the properties lies a large felsic Jurassic age stock. Mineralization possibly related to this later intrusive includes several vein and shear occurrences on Avondale Resources Inc.'s adjacent Forrest Kerr property to the west.

## 9.0 DISCUSSION AND CONCLUSIONS

Short exploration programs were completed on Glendale Resources Inc.'s two properties located in the Iskut River area of northwestern British Columbia.

Work consisted of limited contour soil sampling, geological mapping and rock sampling, follow up to initial reconnaissance mapping and sampling completed in 1990.

Government mapping by Logan and Anderson indicate the claims area is predominantly underlain by rocks of the Middle Jurassic Hazelton Group Eskay Creek Facies. These rocks are equivalent to the andesite pillow breccias which overly the stratiform (?) Eskay creek deposit. Although this overlying sequence is apparently much thicker at the property than at Eskay, it is possible that windows or fault blocks may be uplifted exposing underlying favourable stratigraphy, and therefore more readily accessible to exploration, as noted by Ikona, 1990. Alternatively, it is possible that sulphide horizons may occur within the overlying basalt sequence. Sedimentary or felsic volcanic horizons are considered favourable exploration targets.

On the south Henry, Nick and Ernie claims government mapping indicates the area is underlain by sedimentary and volcanic rocks which stratigraphically overly the pillow basalt sequence. This is supported by pebble conglomerate lenses which link these rocks to the overlying Bowser Lake Group. In light of Eskay's projected stratigraphic position below the pillow basalt sequence, this area is considered less favourable for an Eskay type occurrence.

A narrow argillite bed noted on the northwest Best Bet 5 claim indicates a sedimentary component to this area, previously regarded as a monotonous basalt sequence. Argillite interbeds may indicate proximity to an underlying contact zone.

Some potential may also exist on the properties for epigenetic vein and shear precious metal mineralization, more commonly observed in the Iskut River area.

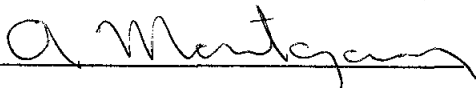
## 10.0 RECOMMENDATIONS

The two properties cover projections of the stratigraphic sequence hosting the Eskay Creek deposit. As such these areas warrant further evaluation. Additional work is recommended for both properties, including geochemical soil sampling, geophysical surveys and mapping in conjunction with prospecting.

Soil sampling and geophysical surveying should be completed over a systematic grid arrangement which could also be used as control for mapping and prospecting. Mapping at 1:12,500 scale is recommended. Where steep terrain does not allow for a grid, contour lines should be utilized. Control could be established with select cut baselines and crosslines to tie in flagged and compassed lines.

Contingent upon results from such an initial program, a follow-up program focussing on prioritized targets may be warranted.

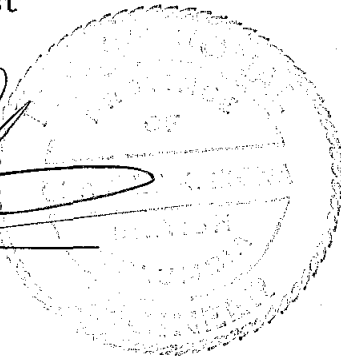
Respectfully submitted,



A.T. Montgomery, Geologist



C.K. Ikona, P.Eng.



**APPENDIX I**

**BIBLIOGRAPHY**

## BIBLIOGRAPHY

- Alldrick, D.J. (1985): Stratigraphy and Petrology of the Stewart Mining Camp (104B/1); B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1984, Paper 1985-1, p. 316-341.
- Alldrick, D.J. (1987): Geology and Mineral Deposits of the Salmon River Valley, Stewart Area, NTS 104A and 104B; British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Survey Branch, Open File Map 1987-22.
- Alldrick, D.J. and J.M. Britton (1988): Geology and Mineral Deposits of the Sulphurets Area (104A/5, 104A/12, 104B/8, 104B/9); B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1988-4.
- Alldrick, D.J., J.M. Britton, I.C.L. Webster and C.W.P. Russell (1989): Geology and Mineral Deposits of the Unuk Area (104B/7E, 8W, 9W, 10E); B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1989-10.
- Alldrick, D.J., J.M. Britton, M.E. Maclean, K.D. Hancock, B.A. Fletcher and S.N. Hiebert (1990): Geology and Mineral Deposits of the Snippaker Area (NTS 104B/6E, 7W, 10W, 11E), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Survey Branch, Open File 1990-16.
- Anderson, R.G. (1989): A Stratigraphic, Plutonic, and Structural Framework for the Iskut River Map Area, Northwestern British Columbia; in Current Research, Part E, Geological Survey of Canada, Paper 89-1E, p. 145-154.
- Anderson, R.G. and D.J. Tharkelson (1990): Mesozoic Stratigraphy and Setting For Some Mineral Deposits in Iskut River Map Area, Northwestern British Columbia; in Current Research, Part E, GSC, Paper 90-1F, p. 131-139.

Britton, J.M. and D.J. Alldrick (1988): Sulphurets Map Area (104A/5W, 12W; 104B/8E, 9E); B.C. Ministry of Energy Mines and Petroleum Resources, Geological Fieldwork 1987, Paper 1988-1, p. 199-209.

Britton, J.M., I.C.L. Webster and D.J. Alldrick (1989): Unuk Map Area (104B/7E, 8W, 9W, 10E), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 198, Paper 1989-1, pages 241-250.

Britton, J.M. (1990): Stratigraphic Notes from the Iskut-Sulphurets Project Area (104B); in Geological Fieldwork 1990, BCMEMPR, Paper 1991-1, p. 131-137.

Britton, J.M., J.D. Blackwell, and T.G. Schroeter (1990a): #21 Zone Deposits, Eskay Creek, Northwestern British Columbia; B.C. Ministry of Energy, Mines and Petroleum Resources, Exploration in British Columbia 1989, p. 197-223.

Britton, J.M., B.A. Fletcher, and D.J. Alldrick (1990b): Snippaker Map Area (104B/6E, 7W, 10W, 11E); B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1989, Paper 1990-1, p. 199-209.

Brown, D.A. and James M. Logan (1991): Stratigraphic Evolution of the Paleozoic Stikine Assemblage in the Stikine and Iskut River Areas, Northwestern British Columbia; in Canadian Journal of Earth Sciences, Vol. 28, Number 6, June 1991, p. 958-972.

Equity Preservation Corp. (1988): Stewart-Sulphurets-Iskut Map Handbook.

Fletcher, B.A. and S.N. Hiebert (1990): Geology of the Johnny Mountain Area (104B/11E); B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1990-19.



- Godwin, C.I., A.D.R. Pickering and J.E. Gabites (1990): Interpretation of Galena Lead Isotopes from the Stewart-Iskut Area; in Geological Fieldwork 1990, BCMEMPR, Paper 1991-1, p. 235-243.
- Grove, E.W. (1972): Geology and Mineral Deposits of the Stewart Area; B.C. Department of Mines and Petroleum Resources, Bulletin 58.
- Grove, E.W. (1973): Detailed Geological Studies in the Stewart Complex, Northwestern British Columbia, Ph.D. Thesis, McGill University.
- Grove, E.W. (1982): Unuk River, Salmon River, Anyox Map Areas; Ministry of Energy, Mines and Petroleum Resources.
- Grove, E.W. (1986): Geology and Mineral Deposits of the Unuk River, Salmon River, and Anyox Map Areas; B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 63.
- Ikona, C.K. (1991): Summary Report on the Best Bet 5 & 6, Wally, Henry, Nick, Ernie and Ted Mineral Claims for Glendale Resources Inc.
- Ikona, C.K. (1990): Summary Assessment Report on the Best Bet 5 & 6, Wally, Henry, Nick, Ernie and Ted Mineral Claims for Glendale Resources Inc.
- Kerr, F.A. (1948): Lower Stikine and Western Iskut River Areas, British Columbia, GSC, Memoir 246, 94 pages.
- Lefebure, D.V. and M.H. Gunning (1988): Gold Lithochemistry of Bronson Creek Area, British Columbia (104B/10W, 11E); B.C. Ministry of Energy, Mines and Petroleum Resources, Exploration in British Columbia 1987, p. B71-B77.
- Lefebure, D.V. and M.H. Gunning (1989): Geology of the Bronson Creek Area (104B/10W, 11E); B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1989-28.

- Logan, J.M. and V.M. Koyanagi (1989): Geology and Mineral Deposits of the Galore Creek Area, Northwestern B.C. (104G/3, 4); BCMEMPR, Geological Fieldwork 1988, Paper 1989-1, p. 269-284.
- Logan, J.M. and V.M. Koyanagi (1989): Preliminary Geology and Mineral Deposits of the Sphaler Creek and Flood Glacier (104G/3, 4); BCMEMPR, Open File 1989-8.
- Logan, J.M., V.M. Koyanagi and J.R. Drobe (1990): Geology of the Forrest Kerr Creek Area, Northwestern British Columbia (104B/15); British Columbia Geological Survey, Geological Fieldwork 1989, Paper 1990-1, p. 127-139.
- Logan, J.M., V.M. Koyanagi and J.R. Drobe (1990): Geology and Mineral Occurrences of the Forrest Kerr-Iskut River Area, Northwestern B.C., British Columbia Geological Survey Open File 1990-2.
- National Geochemical Reconnaissance, 1:250,000 Map Series (1988): Iskut River, British Columbia (NTS 104B); Geological Survey of Canada, Open File 1645; B.C. Ministry of Energy, Mines and Petroleum Resources, RGS-18.
- Read, P.B., R.L. Brown, J.F. Psutka, J.M. Moore, M. Journeay, L.S. Lane and M.J. Orchard (1989): Geology, More and Forrest Kerr Creeks (Parts of 104B/10, 15, 16 and 104G/1, 2), Northwestern British Columbia; Geological Survey of Canada, Open File 2094.
- Smith, P.L. and E.S. Carter (1990): Jurassic Correlations in the Iskut River Map Area, British Columbia; Constraints on the Age of the Eskay Creek Deposit; in Current Research, Part E, Geological Survey of Canada, Paper 90-1E, p. 149-151.

Souther, J.G. (1972): Telegraph Creek Map Area, British Columbia; GSC, Paper 71-44, 38 pages.

Souther, J.G., D.A. Brew and A.V. Ikulitch (1979): Iskut River, GSC Map 1418A.

Taylor, D.P. (1991): Geological Report on the GLA-RON Claim Group, Forrest Kerr Area, Liard Mining Division, B.C., Blue Gold Resources Ltd.

Todoruk, S.L., C.K. Ikona and M.A. Stammers (1990): Summary of 1989 Exploration, Forrest 1-15 Mineral Claims.

Webster, I.C.L. and G.E. Ray (1990): Skarns in the Iskut River - Scud River Region, Northwest British Columbia (104B, G); in Geological Fieldwork 1990, BCMEMPR Paper 1991-1, p 245-253.

**APPENDIX II**

**COST STATEMENTS**

**COST STATEMENT**  
**GLENDALE RESOURCES INC.**  
**BEST BET 5 & 6 MINERAL CLAIMS**  
**LIARD MINING DIVISION**  
**SEPTEMBER 22 TO 24, 1991**

**WAGES**

M. Stammers (Geologist) - 1 day @ \$375.00	\$ 375.00	
A. Montgomery (Geologist) - 1 day @ \$300.00	300.00	
J. Anderson (Prospector) - 1 day @ \$300.00	<u>300.00</u>	
		\$ 975.00

**CAMP AND EQUIPMENT EXPENSE**

Room and Board

Pamicon Crew      3		
NMH Crew <u>1</u>		
4 days @ \$100.00	\$ 400.00	

Expendible Field Supplies	<u>75.00</u>	
		475.00

**GENERAL EXPENSES**

Helicopter	\$ 590.22	
Assays	239.64	
Report	500.00	
Management	<u>124.48</u>	
		<u>1,454.34</u>

2,904.34

	GST	<u>203.30</u>
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Total This Program		<u>\$3,107.64</u>
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**COST STATEMENT**  
**GLENDALE RESOURCES INC.**  
**WALLY, HENRY, NICK, ERNIE AND TED MINERAL CLAIMS**  
**LIARD MINING DIVISION**  
**SEPTEMBER 22 TO 24, 1991**

**WAGES**

M. Stammers (Geologist) - 2 days @ \$375.00	\$ 750.00	
A. Montgomery (Geologist) - 2 days @ \$300.00	600.00	
J. Anderson (Prospector) - 2 days @ \$300.00	<u>600.00</u>	
		\$1,950.00

**CAMP AND EQUIPMENT EXPENSE**

<b>Room and Board</b>		
Pamicon Crew      6		
NMH Crew <u>3</u>		
9 days @ \$100.00	\$ 900.00	
Expendible Field Supplies	<u>150.00</u>	
		1,050.00

**GENERAL EXPENSES**

Travel, Accommodation and Airfare	\$ 440.00	
Helicopter	1,311.60	
Assays	832.81	
Report	1,500.00	
Management	<u>612.66</u>	
		<u>4,697.07</u>
		7,696.07
	GST	<u>538.79</u>

**Total This Program** \$8,235.86

**APPENDIX III**

**SAMPLE DESCRIPTION FORMS**





**PAMICON DEVELOPMENTS LIMITED**

**Geochemical Data Sheet - SOIL SAMPLING**

Sampler John Anderson  
Date Sept 22 1991

Project Glendale  
Property Henry & Nick

NTS 104 B 15  
Location Ref 1.2500  
Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	PPB ← PPM ASSAYS →				
				Colour	Texture	Drainage				Au	Ag	Cu	Pb	Zn
000 E	L-450	30cm	B	Orange B	ROCK CHIPS		5°	Timber		<	<	32	6	302
050 E	"	35	B	Dark B	Fine		F	"		<	0.6	60	20	270
100 E	"	30	B	Light B	"		F	"		<	0.2	65	18	272
150 E	"	40	B	OB	"		5	"		<	<	31	4	208
200 E	"	30	B	OB	"		10°	"		<	<	19	2	166
250 E	"	25	B	Poor	Fine		20°	"		<	<	33	12	102
300 E	"	30	B	OB	"		F	"		<	<	18	8	76
350 E	"	30	B	LB	"		10°	"		<	<	43	20	330
400 E	"	40cm	B	PB	"		<5°	DC		<	<	23	2	62
450 E	"	35	B	DB	"		5°	Timber		<	<	32	2	114
500 E	"	30	B	DB	"		F	"		<	<	54	4	138
550 E	"	40	B	Black	Mud		10°	Swamp		<	<	28	4	146
600 E	"	35	B	OB	Fine		10°	Timber		<	<	44	14	192
650 E	"	45	B	OB	"		F	"		<	<	28	2	230
700 E	"	30	B	OB	"		F	"		<	<	14	6	82
750 E	"	50	B	OB	"		F	"	Top of hill	<	<	21	<	182
800 E	"	40	B	OB	"		30°	"	Base of cliff	<	<	43	4	154
850 E	"	30	A	DB	"		30°	"		<	<	11	10	46
900 E	"	40	B	OB	"		20°	"		<	<	40	<	172



**PAMICON DEVELOPMENTS LIMITED**

**Geochemical Data Sheet - SOIL SAMPLING**

NTS 104 B 15

Sampler John Anderson  
Date Sept 23 1991

Project Glendale  
Property Henry

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

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	PPB - PPM ASSAYS				
				Colour	Texture	Drainage				Au	Ag	Cu	Pb	Zn
050 W	L-450	40cm		DB	Fine		F	DC		<	0.2	62	6	138
100 W	"	40		OB	"		5°	Timber		<	<	28	<	142
150 W	"	50		OB	"		15°	"		<	0.2	42	<	224
200 W	"	30		OB	"		F	"		<	<	28	<	72
250 W	"	40		DB	"		15°	"		<	0.2	28	<	190
300 W	"	40cm		OB	"		20°	"		<	<	27	<	86
350 W	"	35		OB	"		15°	"		<	0.2	26	<	150
400 W	"	30		OB	"		10°	"		<	<	22	<	248
450 W	"	40	A	DB	"		20°	"		<	<	30	<	74
500 W	"	40	B?	LB	"		30°	"	500w → 600w Traced NW	<	<	13	<	42.
550 W	"	NO		Sample					Gliff	-----				
600 W	"	30		OB	"		10°	"		<	0.6	35	<	168
650 W	"	40		OB	"		10°	"		<	0.2	14	2	122
700 W	"	30		LB	"		10°	"		<	<	24	2	242
750 W	"	40		LB	"		15°	"		<	<	17	4	122
800 W	"	30		OB	"		F	"		<	<	15	2	140
850 W	"	30		OB	Rocky		10°	"		<	<	24	<	240
900 W	"	30cm		OB	Rocky		20°	"		<	<	89	<	200





PAMICON  
DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler John Anderson  
Date Sept 24 1991

Project Glendale  
Property Best Bet

NTS 104B/15E  
Location Ref \_\_\_\_\_  
Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS				
				Colour	Texture	Drainage				PPB	PPM	→		
									Ag	Cu	Pb	Zn		
000 S	L-540	25	B	OB	Rocky		10°	Timber	<	<	26	10	54	
025	"	30	B	OB	"		15°	"	<	<	24	<	70	
050	"	30	B	OB	"		20°	"	<	<	25	<	104	
075	"	40	B	LB	Mud		10°	"	<	<	17	6	40	
100 S	"	30	B	OB	Rocky		5°	"	<	<	25	4	122	
125	"	20	B	LB	Fine		10°	"	<	<	41	10	178	
150	"	50	B	DB	Rocky		Cliff Base	"	<	0.2	16	2	48	
175	"	30	B	DB	"		5°	"	<	<	23	20	56	
200 S	"	30	B	LB	Silt		5°	"	<	<	73	<	158	
225	"	40	A	DB	"		CB	"	Poor Sample	<	<	25	2	80.
250	"	30	B	LB	Fine		25	"		<	<	45	<	130
275	"	25	B?	Black	"		30	"		<	<	37	<	124
300 S	"	25	B	LB	"		30	"		<	<	35	8	162
325	"	20	B	Black	"		CB	"	Poor Sample	<	<	24	<	136
350	"	25	B	DB	Rocky		35	"		<	<	50	<	240
375	"	20	B?	DB	"		30	"		<	<	32	2	182
400 S	"	25	B	LB	"		30	"		<	<	42	<	312
425	"	N.S												
450	"	30	B	LB	Rocky		10°	"		<	<	51	<	208

**APPENDIX IV**

**ANALYTICAL RESULTS**



# 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

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 15-OCT-91  
 Invoice No. : I9122722  
 P.O. Number :

Project : HENRY  
 Comments: ATTN: MIKE STAMMERS

## CERTIFICATE OF ANALYSIS A9122722

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	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
	FA+AA																				
461826	205	294	< 5	< 0.2	1.42	20	440	< 0.5	< 2	4.10	< 0.5	9	35	32	2.49	30	< 1	0.47	20	0.80	730
461827	205	294	< 5	0.6	0.14	< 5	20	< 0.5	2	>15.00	< 0.5	1	22	4	0.67	80	< 1	0.04	30	1.22	815
461828	205	294	10	< 0.2	0.15	< 5	70	< 0.5	< 2	>15.00	< 0.5	< 1	23	54	0.59	70	< 1	< 0.01	30	0.33	1095
461829	205	294	< 5	0.2	0.09	< 5	10	< 0.5	8	>15.00	< 0.5	< 1	25	1	0.23	70	< 1	0.01	30	0.21	550
461876	205	294	30	0.2	2.34	< 5	40	< 0.5	< 2	1.20	< 0.5	18	25	181	8.09	10	< 1	0.04	< 10	1.63	560
461877	205	294	< 5	< 0.2	1.41	< 5	110	< 0.5	2	7.17	0.5	15	35	181	4.67	30	< 1	0.64	30	0.91	1320
461878	205	294	< 5	0.6	0.14	< 5	30	< 0.5	< 2	>15.00	< 0.5	< 1	22	5	0.62	80	< 1	0.07	30	0.56	575
461879	205	294	< 5	< 0.2	0.49	20	50	< 0.5	< 2	11.25	< 0.5	8	43	39	4.05	40	< 1	0.16	20	4.65	1865

CERTIFICATION:

*B. Coughlin*





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## CERTIFICATE OF ANALYSIS

A9122722

SAMPLE	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
461826	205	294	1	0.06	10	750	< 2	10	9	64	0.01	< 10	< 10	68	10	24
461827	205	294	< 1	0.02	< 1	170	< 2	20	1	235	< 0.01	< 10	< 10	20	30	18
461828	205	294	< 1	0.02	1	310	< 2	10	2	246	< 0.01	< 10	< 10	16	30	18
461829	205	294	< 1	0.02	< 1	90	2	15	< 1	188	< 0.01	< 10	< 10	12	40	12
461876	205	294	4	0.16	< 1	940	< 2	< 5	18	22	0.76	< 10	< 10	273	< 10	66
461877	205	294	4	0.05	15	940	< 2	15	17	78	0.02	< 10	< 10	106	10	74
461878	205	294	< 1	0.01	1	330	< 2	15	1	470	< 0.01	< 10	< 10	39	30	20
461879	205	294	7	0.02	6	380	< 2	5	4	110	< 0.01	< 10	< 10	171	10	36

CERTIFICATION:



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To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.

VANCOUVER, BC

V6B 1N4

A9122721

Comments: ATTN: MIKE STAMMERS

CERTIFICATE

A9122721

PAMICON DEVELOPMENTS LIMITED

Project: HENRY

P.O. #:

Samples submitted to our lab in Vancouver, BC.

This report was printed on 9-OCT-91.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	46	Dry, sieve to -80 mesh
298	46	ICP - AQ Digestion charge

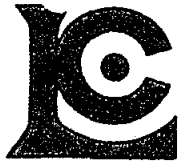
\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	46	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
922	46	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
921	46	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
923	46	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	46	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	46	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	46	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	46	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	46	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	46	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	46	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	46	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	46	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	46	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	46	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	46	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	46	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	46	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	46	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	46	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	46	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	46	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	46	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	46	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	46	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	46	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
944	46	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	46	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	46	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	46	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	46	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	46	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	46	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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OCT 11 1991  
LABORATORY



# 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

Page Number :1-A  
 Total Pages :2  
 Certificate Date: 09-OCT-91  
 Invoice No. :19122721  
 P.O. Number :

Project : HENRY  
 Comments: ATTN: MIKE STAMMERS

## CERTIFICATE OF ANALYSIS A9122721

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	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
L450 0000E	201 298	< 5	< 0.2	6.65	35	180	0.5	6	0.32	1.5	28	41	32	7.84	< 10	< 1	0.04	10	0.51	475
L450 0050E	201 298	< 5	0.6	3.34	25	180	< 0.5	2	0.43	3.0	15	44	60	6.68	< 10	< 1	0.05	10	0.31	1220
L450 0100E	201 298	< 5	0.2	3.32	35	210	< 0.5	4	0.39	1.5	19	53	65	6.43	< 10	< 1	0.10	10	0.38	775
L450 0150E	201 298	< 5	< 0.2	4.34	10	190	< 0.5	< 2	0.31	1.0	11	39	31	6.42	< 10	1	0.07	10	0.48	290
L450 0200E	201 298	< 5	< 0.2	2.97	35	160	< 0.5	4	0.16	0.5	8	35	19	5.45	< 10	< 1	0.05	< 10	0.29	520
L450 0250E	201 298	< 5	< 0.2	0.97	< 5	160	< 0.5	4	0.47	0.5	3	24	33	1.39	< 10	< 1	0.05	< 10	0.15	130
L450 0300E	201 298	< 5	< 0.2	1.61	20	60	< 0.5	4	0.18	1.0	3	35	18	6.41	< 10	< 1	0.03	< 10	0.14	205
L450 0350E	201 298	< 5	< 0.2	3.73	25	210	< 0.5	< 2	0.49	2.0	15	39	43	6.18	< 10	< 1	0.05	10	0.48	525
L450 0400E	201 298	< 5	< 0.2	0.81	< 5	80	< 0.5	< 2	0.16	1.0	6	21	23	2.87	< 10	< 1	0.03	< 10	0.08	135
L450 0450E	201 298	< 5	< 0.2	3.55	10	130	< 0.5	< 2	0.33	1.0	10	34	32	6.53	< 10	< 1	0.03	< 10	0.34	275
L450 0500E	201 298	< 5	< 0.2	3.48	< 5	130	< 0.5	< 2	0.17	1.5	13	38	54	7.17	< 10	< 1	0.04	< 10	0.42	495
L450 0550E	201 298	< 5	< 0.2	2.61	15	150	< 0.5	< 2	2.37	1.0	15	25	28	3.16	10	< 1	0.04	10	0.28	285
L450 0600E	201 298	< 5	< 0.2	5.91	40	130	< 0.5	2	0.52	1.5	22	36	44	6.67	< 10	< 1	0.08	10	0.56	635
L450 0650E	201 298	< 5	< 0.2	7.60	20	190	0.5	< 2	0.29	4.0	30	43	28	7.47	< 10	< 1	0.03	10	0.49	1025
L450 0700E	201 298	< 5	< 0.2	5.92	15	120	< 0.5	14	0.18	1.5	17	38	14	6.31	< 10	< 1	0.03	< 10	0.38	425
L450 0750E	201 298	< 5	< 0.2	4.99	10	110	< 0.5	4	0.16	1.0	13	41	21	6.88	< 10	< 1	0.04	< 10	0.38	270
L450 0800E	201 298	< 5	< 0.2	7.76	45	200	0.5	< 2	0.23	< 0.5	36	45	43	8.16	< 10	< 1	0.03	20	0.60	700
L450 0850E	201 298	< 5	< 0.2	1.09	< 5	190	< 0.5	< 2	0.21	0.5	2	22	11	1.05	< 10	< 1	0.04	< 10	0.08	55
L450 0900E	201 298	< 5	< 0.2	6.52	25	330	1.0	< 2	0.28	0.5	30	45	40	7.08	< 10	< 1	0.06	20	0.56	395
L450 0950E	201 298	< 5	0.2	4.89	10	190	< 0.5	2	0.21	1.0	12	44	26	6.14	< 10	< 1	0.05	10	0.32	170
L450 1000E	201 298	< 5	< 0.2	2.09	15	250	< 0.5	< 2	1.84	< 0.5	10	29	17	3.41	< 10	< 1	0.04	10	0.26	515
L450 1050E	201 298	< 5	< 0.2	6.02	5	210	< 0.5	< 2	0.31	1.0	21	44	28	7.20	< 10	< 1	0.03	10	0.50	700
L450 1100E	201 298	< 5	< 0.2	6.24	55	290	< 0.5	< 2	0.30	< 0.5	37	47	38	7.10	< 10	< 1	0.04	10	0.81	850
L450 1150E	201 298	< 5	< 0.2	1.84	20	150	< 0.5	< 2	0.20	< 0.5	5	38	14	3.82	< 10	< 1	0.06	< 10	0.19	240
L450 1200E	201 298	< 5	< 0.2	4.65	20	200	< 0.5	< 2	0.20	0.5	15	46	21	5.99	< 10	< 1	0.04	< 10	0.39	230
L450 1250E	201 298	< 5	< 0.2	4.22	25	260	< 0.5	< 2	0.26	0.5	17	71	42	6.19	< 10	< 1	0.16	< 10	0.97	540
L450 1300E	201 298	< 5	< 0.2	2.61	< 5	260	< 0.5	< 2	0.46	0.5	14	58	45	4.21	< 10	< 1	0.14	10	1.13	600
L450 0050W	201 298	< 5	0.2	2.56	125	160	< 0.5	2	2.79	0.5	10	30	62	2.93	< 10	2	0.06	10	0.31	935
L450 0100W	201 298	< 5	< 0.2	5.49	5	240	< 0.5	8	0.33	2.5	16	41	28	9.08	< 10	1	0.04	10	0.37	400
L450 0150W	201 298	< 5	0.2	5.67	10	210	< 0.5	< 2	0.22	2.0	23	45	42	8.00	< 10	< 1	0.04	10	0.38	550
L450 0200W	201 298	< 5	< 0.2	6.59	5	90	< 0.5	< 2	0.09	1.0	11	52	28	9.68	< 10	1	0.02	< 10	0.30	795
L450 0250W	201 298	< 5	0.2	5.18	< 5	220	0.5	< 2	0.25	2.5	23	33	28	6.14	< 10	< 1	0.07	10	0.49	725
L450 0300W	201 298	< 5	< 0.2	3.45	< 5	90	< 0.5	< 2	0.18	1.0	10	26	27	5.96	< 10	< 1	0.03	< 10	0.33	485
L450 0350W	201 298	< 5	0.2	9.28	< 5	150	< 0.5	< 2	0.25	3.0	33	38	26	8.37	< 10	3	0.05	10	0.55	570
L450 0400W	201 298	< 5	< 0.2	6.67	< 5	210	< 0.5	< 2	0.24	3.0	29	39	22	7.68	< 10	< 1	0.04	10	0.39	1355
L450 0450W	201 298	< 5	< 0.2	0.72	< 5	210	< 0.5	< 2	0.30	1.5	5	27	30	4.18	< 10	1	0.02	< 10	0.08	440
L450 0500W	201 298	< 5	< 0.2	0.48	5	80	< 0.5	< 2	0.11	< 0.5	4	19	13	2.69	< 10	1	0.04	< 10	0.07	95
L450 0600W	201 298	< 5	0.6	6.87	< 5	270	< 0.5	2	1.29	4.5	23	41	35	7.85	< 10	< 1	0.02	10	0.39	560
L450 0650W	201 298	< 5	0.2	4.71	10	180	< 0.5	2	0.15	2.5	10	32	14	7.56	< 10	< 1	0.02	< 10	0.20	300
L450 0700W	201 298	< 5	< 0.2	4.90	25	190	< 0.5	< 2	0.19	1.0	18	38	24	6.08	< 10	< 1	0.06	< 10	1.38	560

CERTIFICATION: *B. Campbell*



# Chemex Labs Ltd.

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## CERTIFICATE OF ANALYSIS

## A9122721

SAMPLE	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
L450 0000E	201	298	4	0.03	24	760	6	< 5	11	31	0.84	< 10	< 10	203	< 10	302
L450 0050E	201	298	13	0.01	24	2080	20	< 5	7	36	0.31	< 10	< 10	206	< 10	270
L450 0100E	201	298	14	0.01	32	2050	18	10	11	39	0.43	< 10	< 10	221	< 10	272
L450 0150E	201	298	5	0.04	24	520	4	< 5	7	29	0.38	< 10	< 10	135	< 10	208
L450 0200E	201	298	2	0.01	14	1110	2	< 5	4	20	0.45	< 10	< 10	145	< 10	166
L450 0250E	201	298	1	0.02	6	670	12	< 5	5	60	0.31	< 10	< 10	58	< 10	102
L450 0300E	201	298	3	0.02	6	940	8	< 5	3	17	0.64	< 10	< 10	227	< 10	76
L450 0350E	201	298	4	0.02	26	930	20	< 5	8	67	0.50	< 10	< 10	169	< 10	330
L450 0400E	201	298	7	0.01	7	270	2	< 5	2	22	0.60	< 10	< 10	202	< 10	62
L450 0450E	201	298	4	0.03	11	800	2	< 5	6	40	0.74	< 10	< 10	178	< 10	114
L450 0500E	201	298	4	0.03	13	620	4	< 5	6	22	0.51	< 10	< 10	172	< 10	138
L450 0550E	201	298	3	0.02	12	820	4	< 5	4	140	0.13	< 10	< 10	67	< 10	146
L450 0600E	201	298	10	0.08	23	800	14	< 5	13	42	0.61	< 10	< 10	205	< 10	192
L450 0650E	201	298	2	0.03	24	2580	2	< 5	11	24	0.75	< 10	< 10	180	< 10	230
L450 0700E	201	298	1	0.03	8	3060	6	< 5	6	18	0.69	< 10	< 10	170	< 10	82
L450 0750E	201	298	1	0.03	17	2230	< 2	< 5	7	16	0.71	< 10	< 10	180	< 10	182
L450 0800E	201	298	3	0.03	32	1590	4	< 5	18	26	0.96	< 10	< 10	210	< 10	154
L450 0850E	201	298	1	0.01	3	530	10	< 5	2	25	0.27	< 10	< 10	56	< 10	46
L450 0900E	201	298	< 1	0.03	34	890	< 2	< 5	16	27	0.64	< 10	< 10	172	< 10	172
L450 0950E	201	298	2	0.03	20	830	10	< 5	9	21	0.66	< 10	< 10	169	< 10	114
L450 1000E	201	298	2	0.01	15	810	< 2	< 5	4	89	0.29	< 10	< 10	88	< 10	100
L450 1050E	201	298	< 1	0.02	28	2160	< 2	5	11	27	0.62	< 10	< 10	162	< 10	154
L450 1100E	201	298	1	0.03	45	1430	< 2	5	16	29	0.75	< 10	< 10	181	< 10	244
L450 1150E	201	298	< 1	0.01	10	840	6	< 5	3	20	0.23	< 10	< 10	109	< 10	108
L450 1200E	201	298	< 1	0.02	23	1220	2	< 5	7	22	0.44	< 10	< 10	152	< 10	98
L450 1250E	201	298	2	0.01	57	2200	< 2	< 5	8	27	0.14	< 10	< 10	132	< 10	208
L450 1300E	201	298	1	0.01	53	850	< 2	5	8	31	0.09	< 10	< 10	95	< 10	108
L450 0050W	201	298	2	0.02	16	1170	6	< 5	9	142	0.23	< 10	< 10	71	< 10	138
L450 0100W	201	298	3	0.03	11	1670	< 2	< 5	7	33	1.19	< 10	< 10	245	< 10	142
L450 0150W	201	298	3	0.02	23	2030	< 2	< 5	10	21	1.06	< 10	< 10	202	< 10	224
L450 0200W	201	298	3	0.01	8	1310	< 2	< 5	7	10	0.63	< 10	< 10	246	< 10	72
L450 0250W	201	298	2	0.05	25	1090	< 2	5	10	27	0.49	< 10	< 10	123	< 10	190
L450 0300W	201	298	3	0.03	8	1480	< 2	5	8	22	0.62	< 10	< 10	213	< 10	86
L450 0350W	201	298	3	0.04	20	1720	< 2	< 5	14	29	0.94	< 10	< 10	206	< 10	150
L450 0400W	201	298	1	0.03	16	2400	< 2	< 5	9	28	0.98	< 10	< 10	195	< 10	248
L450 0450W	201	298	1	< 0.01	8	870	< 2	< 5	2	43	0.62	< 10	< 10	162	10	74
L450 0500W	201	298	< 1	0.01	4	450	< 2	< 5	2	17	0.62	< 10	< 10	132	< 10	42
L450 0600W	201	298	1	0.02	16	1010	< 2	< 5	11	51	1.07	< 10	< 10	214	< 10	168
L450 0650W	201	298	< 1	0.01	9	3830	2	< 5	5	16	0.67	< 10	< 10	194	< 10	122
L450 0700W	201	298	3	0.01	24	2080	2	< 5	8	12	0.34	< 10	< 10	178	< 10	242

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# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: PAMICON DEVELOPMENTS LIMITED

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

Page Number :2-A  
Total Pages :2  
Certificate Date: 09-OCT-91  
Invoice No. :19122721  
P.O. Number :

Project : HENRY  
Comments: ATTN: MIKE STAMMERS

## CERTIFICATE OF ANALYSIS A9122721

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	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
L450 0750W	201 298	< 5	< 0.2	7.65	30	60	< 0.5	6	0.18	1.5	21	38	17	8.47	< 10	< 1	0.02	< 10	0.44	665
L450 0800W	201 298	< 5	< 0.2	8.65	< 5	80	< 0.5	10	0.11	3.0	24	38	15	8.83	< 10	< 1	0.01	< 10	0.33	495
L450 0850W	201 298	< 5	< 0.2	8.76	25	100	< 0.5	< 2	0.19	1.5	27	49	24	9.77	< 10	< 1	0.03	< 10	0.56	375
L450 0900W	201 298	< 5	< 0.2	7.42	35	110	< 0.5	< 2	0.26	1.0	31	43	89	9.19	< 10	< 1	0.02	10	0.98	515
L450 0950W	201 298	< 5	< 0.2	3.45	10	190	< 0.5	< 2	0.39	0.5	13	37	20	5.91	< 10	< 1	0.05	< 10	0.96	1060
L450 1050W	201 298	< 5	< 0.2	1.86	15	100	< 0.5	< 2	0.17	< 0.5	4	27	13	3.09	< 10	< 1	0.08	< 10	0.27	270

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Comments: ATTN: MIKE STAMMERS

## CERTIFICATE OF ANALYSIS

A9122721

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L450 0750W	201 298	4	0.04	8	3980	4	< 5	7	17	0.87	< 10	< 10	213	< 10	122
L450 0800W	201 298	< 1	0.01	10	3150	2	< 5	8	11	0.95	< 10	< 10	217	< 10	140
L450 0850W	201 298	2	0.02	25	790	< 2	< 5	9	15	0.92	< 10	< 10	221	< 10	240
L450 0900W	201 298	2	0.03	30	540	< 2	< 5	19	22	0.83	< 10	< 10	192	< 10	200
L450 0950W	201 298	2	0.03	12	710	< 2	< 5	5	25	0.84	< 10	< 10	192	< 10	202
L450 1050W	201 298	2	0.01	6	1410	8	< 5	4	18	0.18	< 10	< 10	116	< 10	62

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Comments: ATTN: MIKE STAMMERS

## CERTIFICATE OF ANALYSIS

### A9122719

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	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
461830	205 294	< 5	< 0.2	4.04	10	150	< 0.5	6	8.35	< 0.5	23	163	35	4.62	40	10	0.07	20	2.60	720
461880	205 294	< 5	0.2	4.13	15	< 10	< 0.5	< 2	8.08	< 0.5	1	99	9	0.63	40	1	< 0.01	10	0.11	110
461881	205 294	< 5	0.4	6.19	< 5	10	< 0.5	< 2	8.85	1.5	21	191	24	3.68	40	< 1	< 0.01	20	1.35	395
461882	205 294	< 5	1.8	1.47	85	40	< 0.5	< 2	0.48	1.0	8	95	69	7.08	< 10	2	0.08	10	0.81	315

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to: PAMICON DEVELOPMENTS LIMITED

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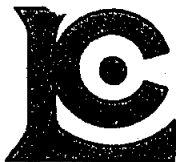
A9122719

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
461830	205	294	< 1	0.08	49	490	< 2	10	18	37	0.51	< 10	< 10	200	20	72
461880	205	294	< 1	0.02	15	160	< 2	10	1	24	0.08	< 10	< 10	20	20	22
461881	205	294	1	0.01	55	500	< 2	10	6	27	0.41	< 10	< 10	143	10	62
461882	205	294	4	0.06	16	640	< 2	10	15	5	0.37	< 10	< 10	321	< 10	182

CERTIFICATION:

*B. Cagli*





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PAMICON DEVELOPMENTS LIMITED

Project: BEST BET  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 8-OCT-91.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	17	Dry, sieve to -80 mesh
217	1	Geochem ring entire sample
298	18	ICP - AQ Digestion charge

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	18	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
922	18	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
921	18	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
923	18	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	18	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	18	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	18	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	18	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	18	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	18	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	18	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	18	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	18	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	18	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	18	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	18	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	18	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	18	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	18	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	18	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	18	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	18	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	18	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	18	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	18	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	18	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
944	18	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	18	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	18	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	18	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	18	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	18	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	18	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: PAMICON DEVELOPMENTS LIMITED

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VANCOUVER, BC  
V6B 1N4

Page No. : 1-A  
Total Pages : 1  
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Invoice No. : I9122720  
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Project : BEST BET  
Comments: ATTN: MIKE STAMMERS

## CERTIFICATE OF ANALYSIS A9122720

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	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
L540 000S	201 298	< 5	< 0.2	5.35	< 5	40	< 0.5	< 2	0.09	1.5	5	66	26	10.05	< 10	1	0.01	< 10	0.31	180
L540 025S	201 298	< 5	< 0.2	3.30	< 5	70	< 0.5	< 2	0.07	0.5	6	48	24	7.18	< 10	< 1	0.03	< 10	0.37	225
L540 050S	201 298	< 5	< 0.2	3.12	< 5	70	< 0.5	4	0.20	1.0	10	53	25	7.65	< 10	< 1	0.03	< 10	0.45	485
L540 075S	201 298	< 5	< 0.2	1.73	< 5	50	< 0.5	< 2	0.22	< 0.5	8	30	17	3.24	< 10	1	0.03	< 10	0.46	175
L540 100S	201 298	< 5	< 0.2	3.52	< 5	60	< 0.5	< 2	0.20	< 0.5	14	82	25	7.89	< 10	< 1	0.02	< 10	0.82	680
L540 125S	201 298	< 5	< 0.2	4.73	< 5	110	< 0.5	< 2	0.09	0.5	10	51	41	5.71	< 10	< 1	0.03	< 10	0.75	405
L540 150S	201 298	< 5	< 0.2	1.54	< 5	50	< 0.5	2	0.19	0.5	13	38	16	4.04	< 10	3	0.02	< 10	0.41	620
L540 175S	201 298	< 5	< 0.2	2.07	< 5	30	< 0.5	< 2	0.12	0.5	4	35	23	7.13	< 10	< 1	0.03	< 10	0.17	260
L540 200S	201 298	< 5	< 0.2	5.81	< 5	140	< 0.5	< 2	0.98	1.0	35	142	73	7.34	< 10	< 1	0.06	20	2.40	1630
L540 225S	201 298	< 5	< 0.2	1.72	< 5	100	< 0.5	< 2	0.67	< 0.5	21	51	25	3.73	< 10	< 1	0.03	< 10	1.04	1255
L540 250S	201 298	< 5	< 0.2	4.15	< 5	110	< 0.5	< 2	0.28	1.0	13	62	45	5.97	< 10	< 1	0.03	< 10	0.92	565
L540 275S	201 298	< 5	< 0.2	2.63	< 5	70	< 0.5	< 2	1.42	0.5	15	44	37	5.46	< 10	< 1	0.04	< 10	0.31	1955
L540 300S	201 298	< 5	< 0.2	4.37	< 5	50	< 0.5	< 2	0.31	2.0	18	60	35	7.78	< 10	< 1	0.02	< 10	0.50	1080
L540 325S	201 298	< 5	< 0.2	2.34	< 5	70	< 0.5	< 2	0.90	1.5	28	39	24	7.37	< 10	< 1	0.04	< 10	1.00	3940
L540 350S	201 298	< 5	< 0.2	3.81	< 5	130	< 0.5	< 2	0.86	2.0	52	103	50	8.47	< 10	2	0.02	< 10	1.21	1640
L540 375S	201 298	< 5	< 0.2	2.70	< 5	60	< 0.5	< 2	0.81	5.0	32	76	32	6.77	< 10	< 1	0.03	< 10	0.90	1090
L540 400S	217 298	< 5	< 0.2	3.32	< 5	70	< 0.5	2	1.28	3.0	43	108	42	6.79	< 10	< 1	0.07	< 10	2.22	1795
L540 450S	201 298	< 5	< 0.2	5.49	< 5	110	< 0.5	< 2	0.24	1.5	24	83	51	6.90	< 10	< 1	0.06	< 10	1.01	640

CERTIFICATION: *B. Coughlin*



# Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.  
 VANCOUVER, BC  
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Project : BEST BET  
 Comments: ATTN: MIKE STAMMERS

## CERTIFICATE OF ANALYSIS A9122720

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L540 000S	201 298	1 < 0.01		11	390	10	< 5	7	6	0.42	< 10	< 10	173	< 10	54
L540 025S	201 298	2 < 0.01		10	500	< 2	< 5	5	9	0.33	< 10	< 10	167	< 10	70
L540 050S	201 298	1 0.01		15	920	< 2	< 5	5	10	0.49	< 10	< 10	196	< 10	104
L540 075S	201 298	2 0.01		12	690	6	< 5	4	11	0.29	< 10	< 10	158	< 10	40
L540 100S	201 298	2 0.01		28	1480	4	< 5	6	8	0.44	< 10	< 10	208	< 10	122
L540 125S	201 298	1 < 0.01		24	870	10	< 5	9	6	0.23	< 10	< 10	137	< 10	178
L540 150S	201 298	2 0.01		18	1010	2	< 5	3	16	0.26	< 10	< 10	127	< 10	48
L540 175S	201 298	4 0.01		8	890	20	< 5	3	7	0.40	< 10	< 10	140	< 10	56
L540 200S	201 298	1 0.01		63	1100	< 2	< 5	24	54	0.36	< 10	< 10	185	< 10	158
L540 225S	201 298	2 0.02		24	1330	2	< 5	5	28	0.18	< 10	< 10	93	< 10	80
L540 250S	201 298	1 0.01		26	730	< 2	< 5	8	11	0.25	< 10	< 10	135	< 10	130
L540 275S	201 298	2 0.01		13	1160	< 2	< 5	5	32	0.25	< 10	< 10	152	< 10	124
L540 300S	201 298	4 0.01		20	990	8	< 5	6	13	0.46	< 10	< 10	174	< 10	162
L540 325S	201 298	3 0.02		29	1350	< 2	< 5	3	41	0.26	< 10	< 10	164	< 10	136
L540 350S	201 298	3 0.01		38	1370	< 2	< 5	12	18	0.42	< 10	< 10	241	< 10	240
L540 375S	201 298	3 0.01		31	1080	2	< 5	8	30	0.56	< 10	< 10	228	< 10	182
L540 400S	217 298	2 0.05		48	2010	< 2	< 5	15	39	0.43	< 10	< 10	171	< 10	312
L540 450S	201 298	3 0.01		38	830	< 2	< 5	15	12	0.40	< 10	< 10	183	< 10	208

CERTIFICATION:

*B. Coughlin*

**APPENDIX V**

**ANALYTICAL PROCEDURES**



# Chemex Labs Ltd.

Analytical Chemists

Geochemists

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## CHEMEX LABS LTD ANALYTICAL PROCEDURES

### 1. TRACE ANALYSIS

#### 32 ELEMENT GEOCHEMISTRY PACKAGE - ICP-AES

Prepared sample (0.5g) is digested with concentrated nitric-aqua regia acid at medium heat for approximately 2 hours. The acid solution is diluted to 25 ml with demineralized water, mixed and analyzed on a Jarrell-Ash 1100 Plasma unit after calibration with proper standards.

Results are corrected for spectral interelement interferences.

*Al	0.01%	*Cr	1 ppm	Mn	1 ppm	*Na	0.01%
Sb	5 ppm	Co	1 ppm	Hg	1 ppm	*Sr	1 ppm
As	5 ppm	Cu	1 ppm	Mo	1 ppm	*Tl	10 ppm
*Ba	10 ppm	Fe	0.01%	Ni	1 ppm	*Ti	0.01%
*Be	0.5 ppm	*Ga	10 ppm	P	10 ppm	*W	10 ppm
Bi	2 ppm	*La	10 ppm	*K	0.01%	U	10 ppm
Cd	0.5 ppm	Pb	2 ppm	Se	10 ppm	V	1 ppm
*Ca	0.01%	*Mg	0.01%	Ag	0.2 ppm	Zn	2 ppm

\* Elements for which the digestion is possibly incomplete.

#### TRACE 10

Samples digested and analyzed as above and reported as Ag, Co, Cu, Fe, Mn, Mo, Ni, Pb, Zn. Arsenic analyzed as follows:

Arsenic ppm - Chemex Code 13

A 1.0 gram sample is digested with HN03 - aqua regia acids for approximately 2 hours. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified and reduced with NaBH<sub>4</sub> and arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm

## 2. GOLD AND SILVER

Gold FA-AA ppb - Chemex Code 100

A 10 gram sample is fused with a basic litharge flux inquarted with 10 mg of Au-free silver and then cupelled.

Beads for AA finish are digested for 1/2 hour in 1 ml  $\text{HN0}_3$ , then 3 ml  $\text{HCl}$  are added and digested for 1 hour. The samples are cooled and made to a volume of 10 ml, homogenized and run on the AAS with background correction.

Ag, Au (oz/t): Codes 383 and 396

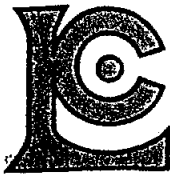
Silver and gold analyses are done by standard fire assay techniques. In the sample preparation stage the screens are checked for metallics which, if present, are assayed separately and calculated into the results obtained from the pulp assay.

0.5 (14.583 g) or 1 (29.166 gm) assay ton sub samples are fused in litharge, carbonate and silicious fluxes. The lead button containing the precious metals is cupelled in a muffle furnace. The combined Ag and Au is weighed on a microbalance, parted, annealed and again weighed as Au. The difference in the two weighing is Ag.

Cu, Pb and Zn

Pb% - Chemex Codes 301, 312 and 316

A 2 gram sub-sample is digested in hot perchloric-nitric acid mixture for two hours, cooled, then transferred into a 250 ml volumetric flask. Nitric acid is added to the final sample and standard solutions. The solutions are then analyzed on an atomic absorption instrument.



# Chemex Labs Ltd.

Analytical Chemists

Geochemists

Registered Assayers

212 Brooksbank Ave.  
North Vancouver, B.C.  
Canada V7J 2C1

Phone: (604) 984-0221

Telex: 043-52597

## PREPARATION METHODS

### 201 - DRY, SIEVE TO -80 MESH

a) Geochemical soil/silt samples are usually received in High/wet-strength 4x6 soil gusset bags. Sample sets are ordered, and dried for 12 to 24 hours at 50 deg. C.

b) The dried sample is hammered, to desegregate the soil particles, and then poured from the gusset bag into an 8 inch dia. 80 mesh stainless steel screen.

c) The sieve is shaken horizontally over a large clean piece of paper, where the -80 mesh fraction accumulates. When all the -80 fraction has passed through the sieve the +80 portion is discarded.

d) The -80 fraction is poured into a 2x3 coin envelope, which contains the exact same number as the submitted sample, for distribution to the analytical lab.

### 202 - DRY, SIEVE TO -80 MESH, SAVE +80 FRACTION

a) and b) see sections a) and b) of 201 c) The sieve is shaken horizontally over a large clean piece of paper, where the -80 mesh fraction accumulates. When all the -80 fraction has passed through the sieve the +80 portion is poured into a new 4x6 gusset bag (which contains the same number as the submitted sample), boxed, and filed. d) The -80 fraction is poured into a 2x3 coin envelope, which contains the exact same number as the submitted sample, for distribution to the analytical lab.

### 203 - DRY, SIEVE TO -35 MESH

a) Geochemical soil/silt samples are usually received in High/wet-strength 4x6 soil gusset bags. Sample sets are ordered, and dried for 12 to 24 hours at 50 deg. C.

b) The dried sample is hammered, to desegregate the soil particles, and then poured from the gusset bag into an 8 inch dia. 35 mesh stainless steel screen.



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## PREPARATION METHODS - ROCK/ORE

### 205 - GEOCHEM RING

a) Samples arrive in poly or olefin rock bags. Samples are ordered prior to crushing.

b) The sample is poured into a primary jaw, and crushed to approximately 1/4 inch. This is secondary crushed in a roll crusher to approximately 10 mesh.

c) The crushed sample is then split using a Jones Riffle splitter to approximately 200 to 250 grams. The reject is poured into the original bag for storage, or return to client.

d) The sample split is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag, (which has been labeled with the original number), for distribution to the analytical lab.

### 217 - GEOCHEM RING - ENTIRE SAMPLE (Used for samples 200 grams or less)

a) The entire sample is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag (correctly labeled), for distribution to the analytical lab.

### 208 - ASSAY RING

a) Samples arrive in poly or olefin rock bags. Samples are ordered prior to crushing.

b) The sample is poured into a primary jaw, and crushed to approximately 1/4 inch. This is secondary crushed in a roll or cone crusher to approximately 10 mesh.

c) The crushed sample is then split using a Jones Riffle splitter to approximately 200 to 250 grams. The reject is poured into the original bag for storage, or return to client.



d) The sample split is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag, (which has been labeled with the original number), sealed prior to being distributed to the analytical lab.

#### 207 - ASSAY ROTARY PULVERIZE

a) and b) - see sections a) and b) under 208 c) The crushed sample is then split using a Jones Riffle splitter to approximately 250 to 350 grams. The reject is poured into the original bag for storage, or return to client. d) The sample split is ground in a Bico rotary pulverizer and screened to 140 mesh. The +140 material is visually inspected for metallics. e) If NO metallics are found, then the +140 fraction is hand ground to -140. The entire sample is then homogenized (by rolling). f) IF metallics are found, they are put into a separate coin envelope, kept with the original sample, and fused separately. The entire -140 fraction is homogenized.



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## PREPARATION METHODS - OTHER

### 214 - RECEIVED AS PULP

a) sample arrives at the lab, as a pulp. If the pulp is of poor prep, we will recommend that the client conduct a 217 ring entire sample. If pulp is ore grade, for precious metals, pulp should be homogenized (rolled) prior to the analysis.

### 213 - HEAVY MINERAL SEPARATION - SG. 2.96

a) sample is dried at a temperature of 50 deg. C.

b) the dry sample is screened to -18 mesh (unless otherwise requested).

c) the sample is split to approximately 300 grams, and placed in a separation funnel. Tetrabromoethane is added (2.5mls/gram) to the separation funnel, shaken vigorously, and heavies allowed to separate.

d) heavies are drained into filter funnels. The separatory funnels are shaken again, heavies allowed to settle, and heavies drained. This is repeated until no more heavies are separating.

e) heavies are allowed to drain thoroughly.

Heavies: a) the heavy fraction is washed with acetone, put into a clean pan, and allowed to dry. b) magnetics are separated from non-magnetics, and each put in separate coin envelopes. c) the non-magnetics are then ring mill prepared to approximately 150 mesh.

Lights: a) Tetrabromoethane is drained through a vacuum filter. The lights are washed in acetone for about 30 seconds, drained, and then allowed to dry. b) the dried lights are then put into 4x6 (labeled) tin-top bags.

c) The sieve is shaken horizontally over a large clean piece of paper, where the -35 mesh fraction accumulates. When all the -35 fraction has passed through the sieve the +35 portion is discarded.

d) The -35 fraction is put into a ring grinder and rung to approximately 150 mesh. The pulp is put into a 2x3 coin envelope (same sample numbered envelope) for distribution to the analytical lab.

**APPENDIX VI**

**STATEMENT OF QUALIFICATIONS**

STATEMENT OF QUALIFICATIONS

I, ALLAN T. MONTGOMERY, of 4764 Moss Street, Vancouver, 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 (Honours).
3. THAT my primary employment since 1985 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 work completed by myself along with Mike Stammers between September 22 and 24, 1991.
6. THAT I have no interest in the property described herein, nor in securities of any company associated with the property, nor do I expect to receive any such interest.
7. THAT I hereby grant permission to Glendale Resources Inc. for the use of this report in any prospectus or other documentation required by any regulatory authority.

DATED at Vancouver, B.C., this 27<sup>th</sup> day of November, 1991.



Allan Montgomery, Geologist

**APPENDIX VII**

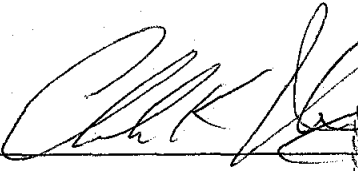
**ENGINEER'S CERTIFICATE**

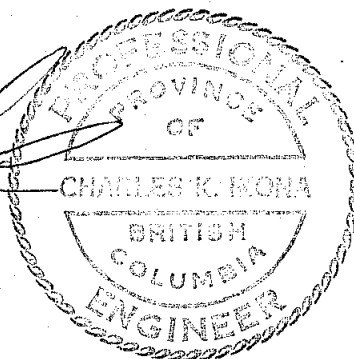
ENGINEER'S CERTIFICATE

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 completed by Mike Stammers and Al Montgomery under my supervision.
5. THAT I have no interest in the property described herein, nor in securities of any company associated with the property, nor do I expect to receive any such interest.
6. THAT I hereby grant permission to Glendale Resources Inc. for the use of this report in any prospectus or other documentation required by any regulatory authority.

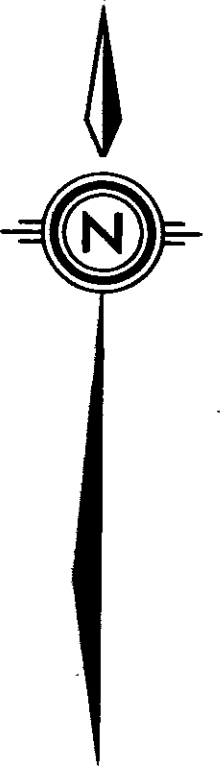
DATED at Vancouver, B.C., this 27<sup>th</sup> day of Nov, 1991.

  
Charles K. Ikona, P.Eng.

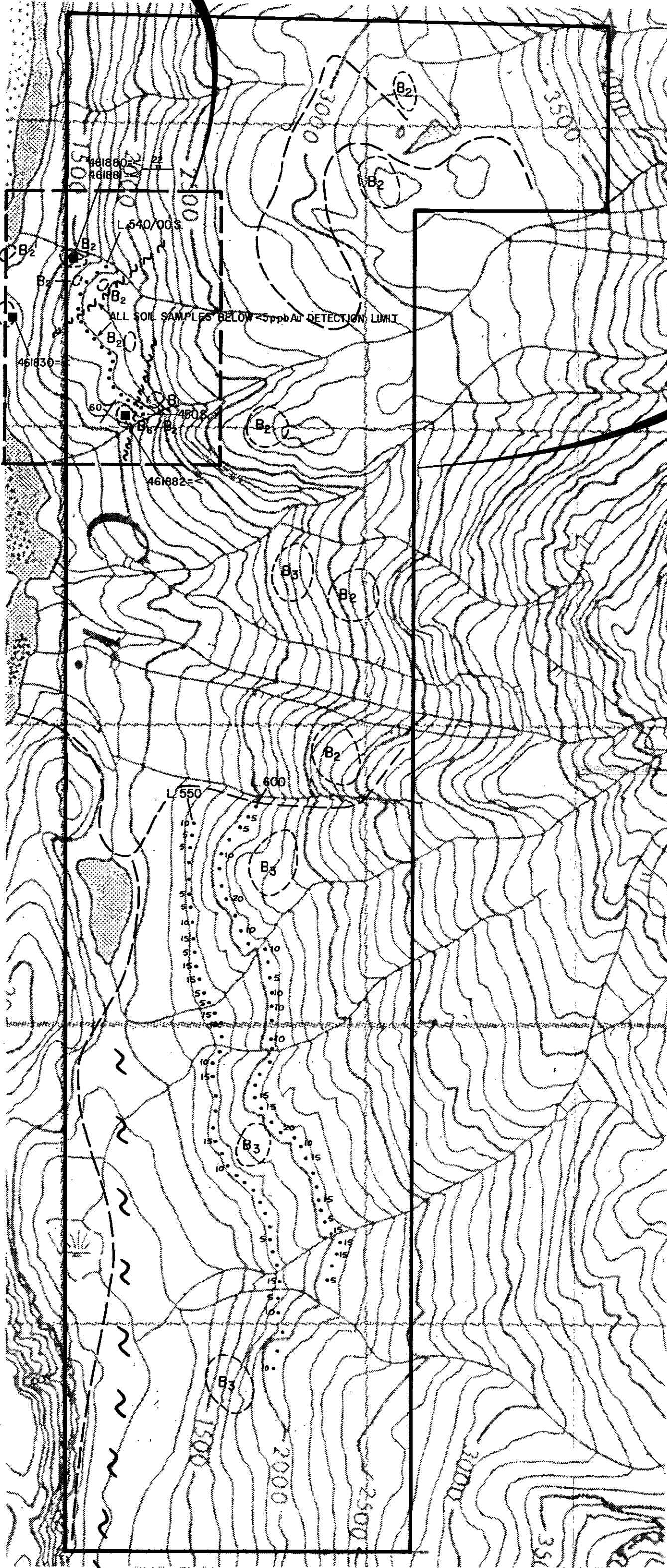


AREA OF 1991 WORK

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

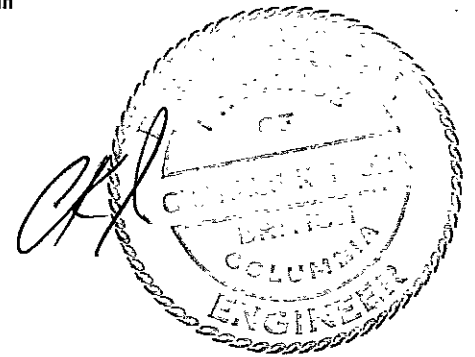


21,999  
PROPERTY  
BOUNDARY

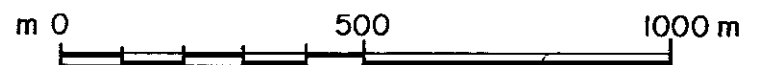


LEGEND

- Recent Alluvium and Till
- LOWER & MIDDLE JURASSIC-HAZELTON GROUP**
- B** Solmon River Fm. Eskay Creek Facies  
Medium grey to green Pillow Basalts, locally amygdaloidal, Pillow Breccia flows, thinly bedded black and white siliceous tuffs and sediments
- B<sub>1</sub>** Vesicular Basaltic Flows, massive basalt
- B<sub>2</sub>** Basaltic Breccia/Andesite Flow Breccia Clasts subangular to subrounded up to 0.5m, dull green to maroon (B<sub>2</sub>)
- B<sub>3</sub>** Lapilli Tuff  
Locally may grade into breccia or poorly sorted pebble conglomerate
- B<sub>4</sub>** Lapilli Ash Flow Tuffs  
Medium grey with slightly rounded clasts up to 5 cm.
- B<sub>5</sub>** Siltstone  
thinly bedded, dark grey to black in colour
- B<sub>6</sub>** Argillite  
Massive, fragmented, dark grey in colour, may contain argillite clasts
- Minor Fault (inferred)
- Major Fault (inferred from topography)
- Prospecting Traverse
- Soil Sample Locations  
(PPB Au. where noted)      (not detected where not noted)
- 461830=< 1991 Rock Sample / Au ppb  
(=< less than 5 ppb Au detection limit)
- 60° Sedimentary bedding, dip
- 65° Fracture/vein



SCALE 1:2,500

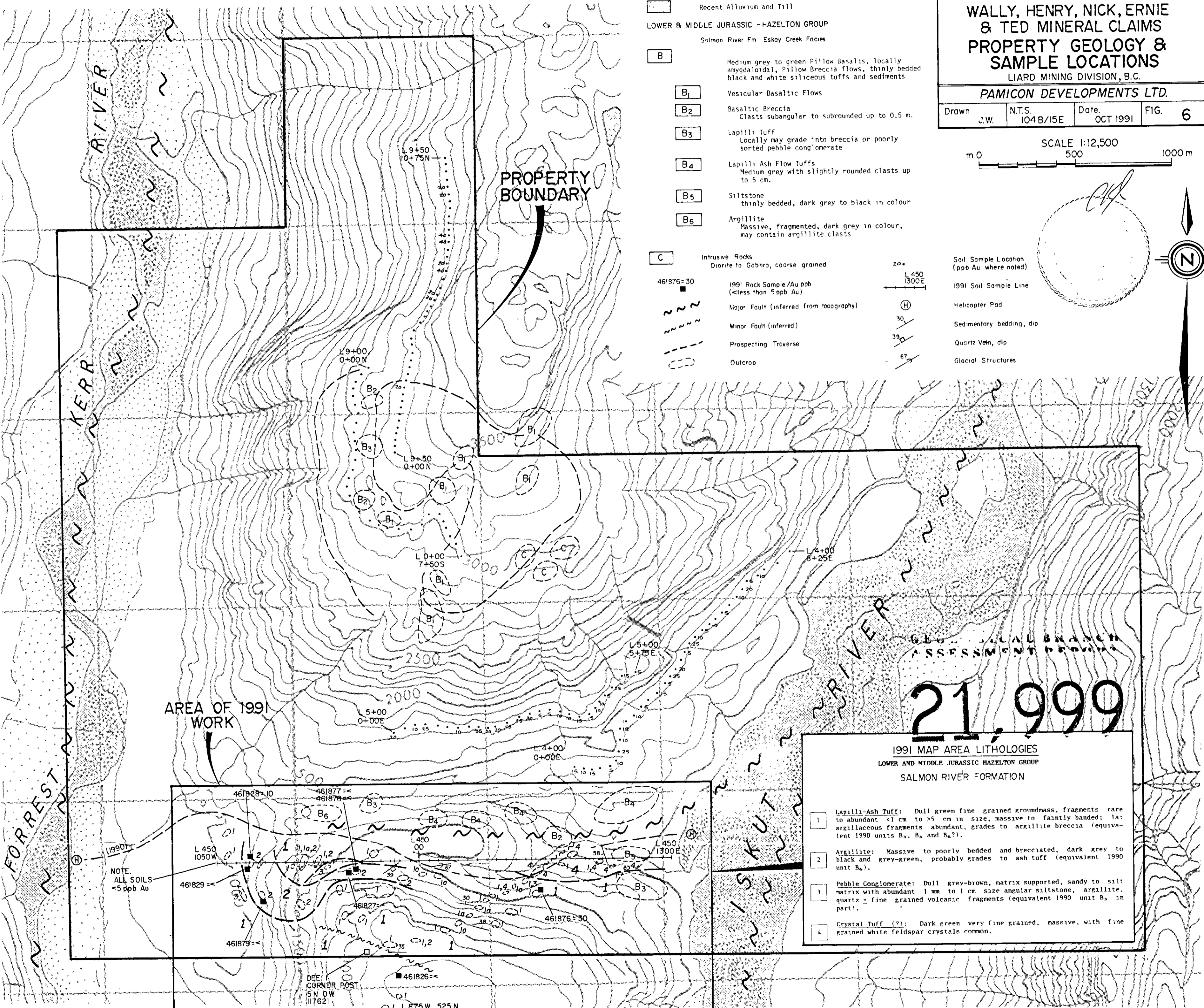


<b>GLENDALE RESOURCES INC.</b>			
<b>BEST BET MINERAL CLAIMS PROPERTY GEOLOGY &amp; SAMPLE LOCATIONS</b>			
LIARD MINING DIVISION, B.C.			
<b>PAMICON DEVELOPMENTS LTD.</b>			
Drawn. J.W.	N.T.S. 104B/15E.	Date. OCT. 1991	FIG. 7



LEGEND

- |  |  |  |  |
|--|--|--|--|
|  | Recent Alluvium and Till   |  | Soil Sample Location<br>(ppb Au where noted) |
| LOWER & MIDDLE JURASSIC - HAZELTON GROUP |  |  |  |
| Salmon River Fm Eskay Creek Facies       |  |  |  |
|  | Medium grey to green Pillow Basalts, locally amygdaloidal, Pillow Breccia flows, thinly bedded black and white siliceous tuffs and sediments |  | Helicopter Pad                               |
|  | Vesicular Basaltic Flows   |  | Sedimentary bedding, dip                     |
|  | Basaltic Breccia<br>Clasts subangular to subrounded up to 0.5 m.   |  | Quartz Vein, dip                             |
|  | Lapilli Tuff<br>Locally may grade into breccia or poorly sorted pebble conglomerate  |  | Glacial Structures                           |
|  | Lapilli Ash Flow Tuffs<br>Medium grey with slightly rounded clasts up to 5 cm.   |  |  |
|  | Siltstone<br>thinly bedded, dark grey to black in colour   |  |  |
|  | Argillite<br>Massive, fragmented, dark grey in colour, may contain argillite clasts  |  |  |
|  | Intrusive Rocks<br>Diorite to Gabbro, coarse grained   |  |  |
|  | 1991 Rock Sample /Au ppb<br>(less than 5 ppb Au)   |  |  |
|  | Major Fault (inferred from topography)   |  |  |
|  | Minor Fault (inferred)   |  |  |
|  | Prospecting Traverse   |  |  |
|  | Outcrop  |  |  |



**1991 MAP AREA LITHOLOGIES**  
LOWER AND MIDDLE JURASSIC HAZELTON GROUP  
SALMON RIVER FORMATION

1	Lapilli-Ash Tuff: Dull green fine grained groundmass, fragments rare to abundant <1 cm to >5 cm in size, massive to faintly banded; la: argillaceous fragments abundant, grades to argillite breccia (equivalent 1990 units B <sub>1</sub> , B <sub>2</sub> and B <sub>6</sub> ?).
2	Argillite: Massive to poorly bedded and brecciated, dark grey to black and grey-green, probably grades to ash tuff (equivalent 1990 unit B <sub>6</sub> ).
3	Pebble Conglomerate: Dull grey-brown, matrix supported, sandy to silt matrix with abundant 1 mm to 1 cm size angular siltstone, argillite, quartz ± fine grained volcanic fragments (equivalent 1990 unit B <sub>3</sub> in part).
4	Crystal Tuff (?): Dark green very fine grained, massive, with fine grained white feldspar crystals common.

NOTE:  
ALL SOILS  
<5 ppb Au

DEE CORNER POST  
5N 0W  
117621

461826=<

L 875 W, 525 N.  
KODIAK SOIL GRID STATION