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

Located in the Iskut River Area
Liard Mining Division
NTS 104B/15E
56°50' North Latitude, 130°35' West Longitude

- Prepared for -

GLENDALE RESOURCES INC.

- Prepared by -

C.K. IKONA, P.Eng.

November, 1990

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. has an option to acquire a 100% interest in seven mineral claims located adjacent to Forrest Kerr Creek in the Iskut River area of B.C.

The claims adjoin Avondale Resources Inc. Forrest Kerr project which received extensive exploration in 1989 and 1990 and is 18 km northwest of Prime Resources Group/Stikine Resources Inc.'s Eskay Creek deposit.

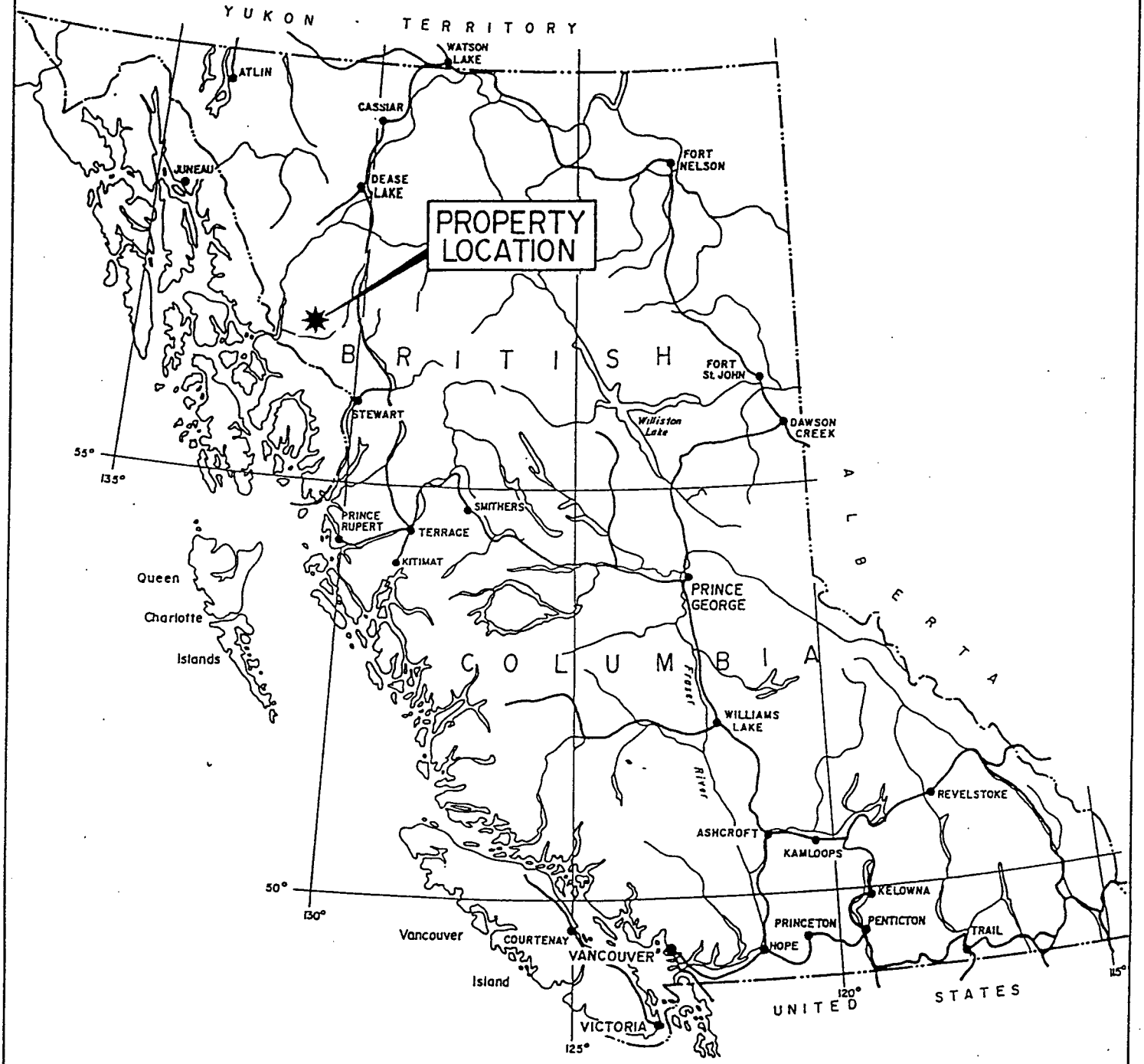
In July, 1990, Glendale Resources Inc. requested that Pamicon Developments Ltd. conduct a limited reconnaissance program consisting of prospecting, geological mapping and some geochemical soil contour sample lines on the properties.

A large portion of the claim group is characterized by extreme relief and extensive undergrowth consisting of slide alder, devils club and scrub timber with difficult access. Other areas of the claims are covered by recent alluvium along the Iskut River and Forrest Kerr Creek which mask underlying geology. Consequently most of the work was concentrated in areas where access and traversing were possible. Although this did not provide complete coverage of the claims it is felt that enough information was obtained to make decisions on performing further work.

This report summarizes results of the 1990 project.

2.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The mineral claims are located approximately 115 kilometres east 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 while Bronson airstrip servicing Cominco/Prime's Snip deposit and Skyline Gold Corp.'s Johnny Mountain gold mine is 35 kilometres to the west-southwest. Forrest



GLENDALE RESOURCES INC.

BEST BET No.5 & 6, TED, HENRY, WALLY, ERNIE, NICK CLAIMS

PROPERTY LOCATION MAP

0 100 200 MILES

0 100 200 300 KILOMETRES

PAMICON DEVELOPMENTS LTD.

DRAWN	PROJECT	DATE	FIG. 1

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, and the property falls under the jurisdiction of the Liard Mining Division.

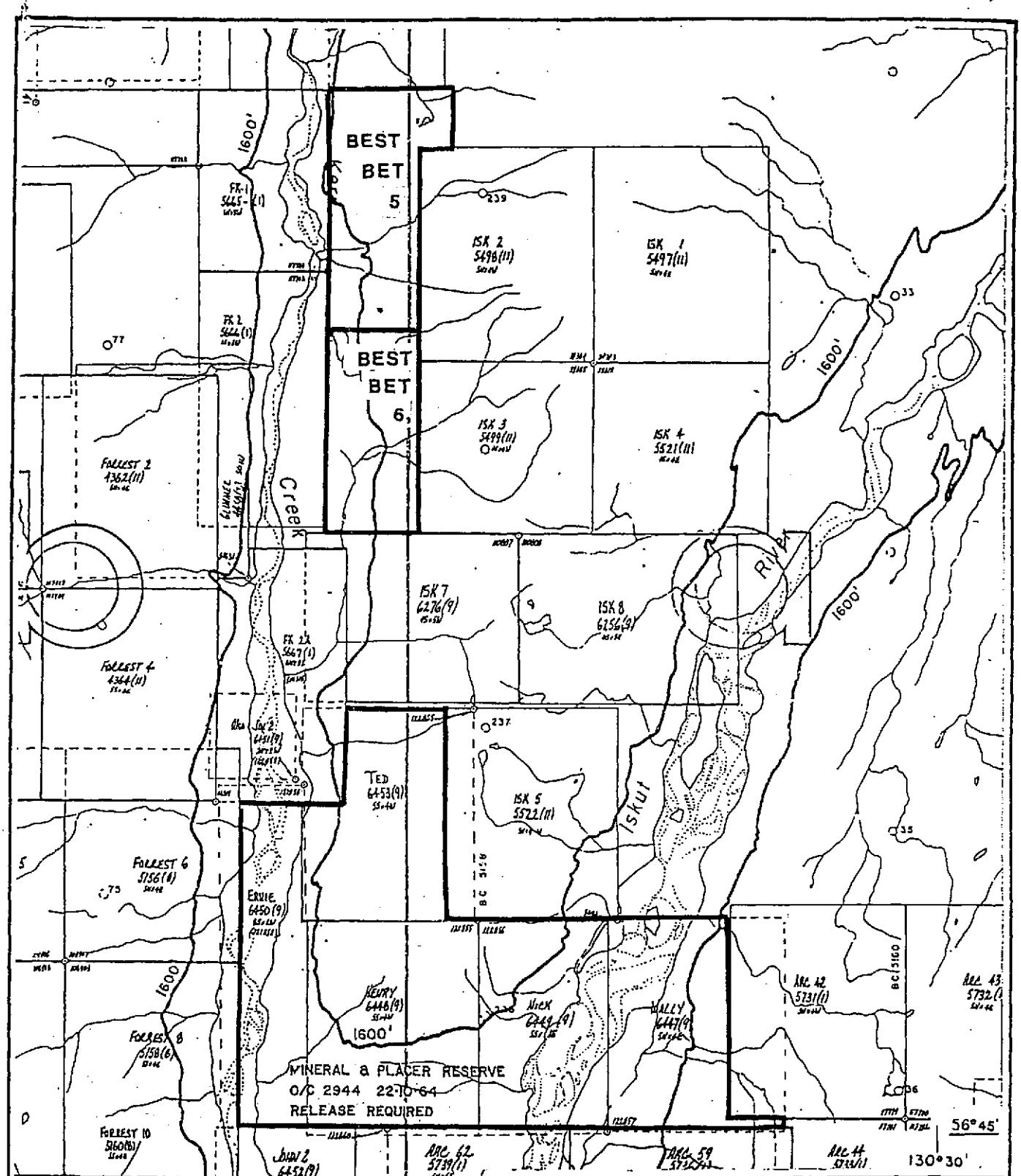
Access to the property is via helicopter from the Bronson Creek gravel airstrip, Bob Quinn Lake or the Forrest Kerr airstrip located 15 kilometres to the northwest at the headwaters of the Forrest Kerr Creek. Frequent scheduled and charter flights to the Bronson strip from Smithers, Terrace and Wrangell, Alaska are available during the field season using a variety of fixed wing aircraft.

The Province of British Columbia has recently completed a study on possible road access to the Iskut, Eskay Creek and Sulphurets areas. Surveying for this road from the Stewart-Cassiar Highway from Bob Quinn Lake down the Iskut to Bronson Creek commenced in late summer 1990. A possible branch road at Km 40 would allow access to Eskay Creek and the Unuk River area including Sulphurets.

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 property. 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 extreme relief and dense vegetation which severely handicaps 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 No.5 & 6, TED, HENRY, WALLY, ERNIE, NICK CLAIMS

CLAIM LOCATION MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN	PROJECT	DATE	FIG. 2

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

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

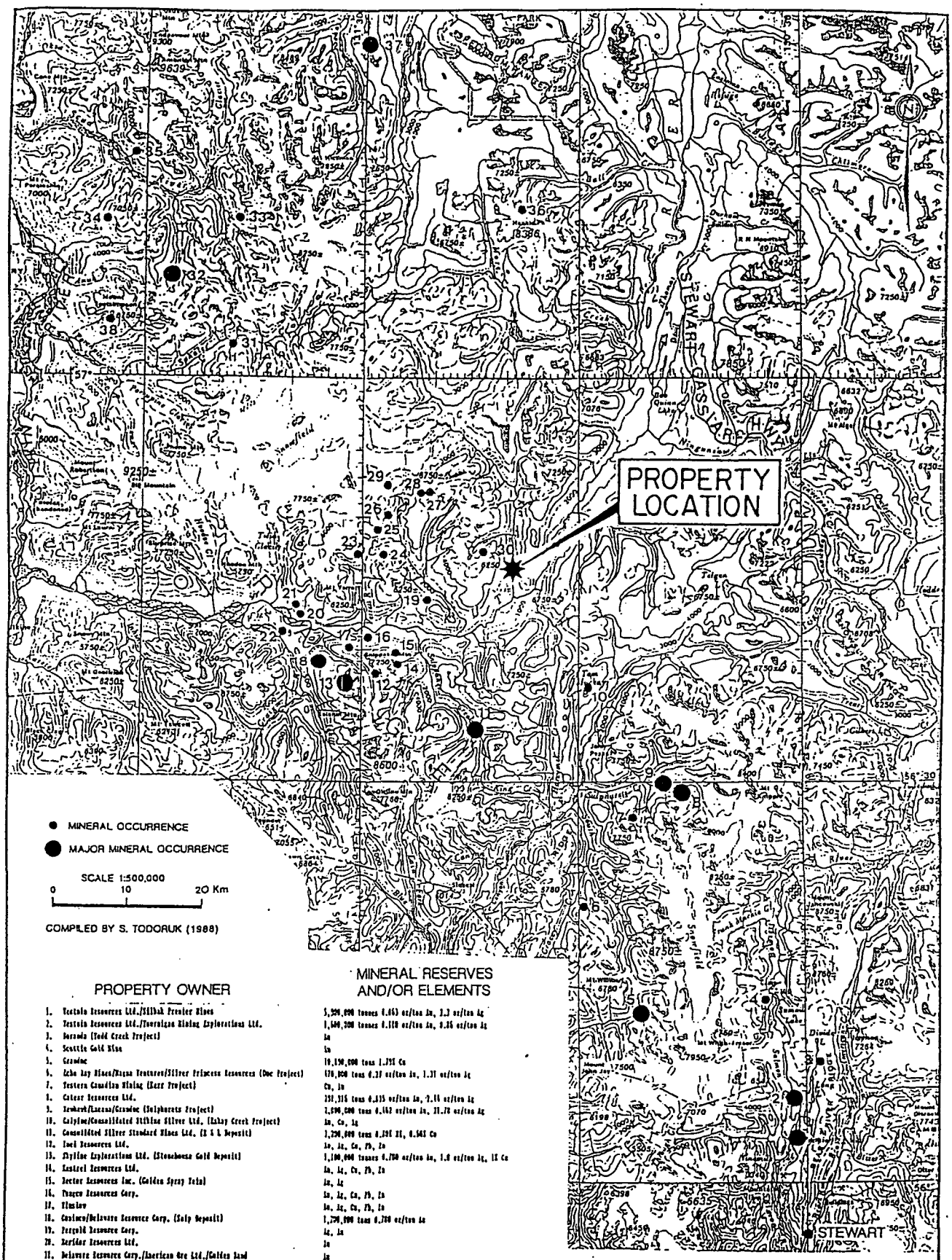
All claims are subject to release pursuant to o/c 2944, October 22, 1964.

The writer briefly examined these claims in July 1990 and has been actively involved in exploration on the Forrest mineral claims which lie adjacent to the subject claims to the west. The work discussed in this report was conducted at the direction of the writer.

4.0 AREA HISTORY

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

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



PROPERTY OWNER

MINERAL RESERVES AND/OR ELEMENTS

1.	Teztonic Resources Ltd./Silbak Premier Mines	5,329,000 tonnes 0.463 oz/ton Au, 2.3 oz/ton Ag
2.	Teztonic Resources Ltd./Tournigan Mining Explorations Ltd.	1,600,200 tonnes 0.118 oz/ton Au, 0.36 oz/ton Ag
3.	Bornite (Todd Creek Project)	Au
4.	Seattle Gold Mins	Au
5.	Granduc	10,130,000 tons 1.35% Cu
6.	Echo Bay Mines/Magna Ventures/Silver Princess Resources (Doc Project)	170,000 tons 0.27 oz/ton Au, 1.31 oz/ton Ag
7.	Western Canadian Mining (Kerr Project)	Cu, Au
8.	Calsar Resources Ltd.	151,315 tons 0.315 oz/ton Au, 2.16 oz/ton Ag
9.	Newmont/Lacana/Granduc (Sulphurets Project)	1,696,500 tons 0.102 oz/ton Au, 21.78 oz/ton Ag
10.	Calpine/Consolidated Silbina Silver Ltd. (Eskay Creek Project)	Au, Cu, Ag
11.	Consolidated Silver Standard Mines Ltd. (Z & L Deposit)	1,250,000 tons 0.595 Zn, 0.561 Cu
12.	Inel Resources Ltd.	Au, Ag, Cu, Pb, Zn
13.	Skyline Explorations Ltd. (Stonehouse Gold Deposit)	1,100,000 tonnes 0.750 oz/ton Au, 1.0 oz/ton Ag, 1% Cu
14.	Kestrel Resources Ltd.	Au, Ag, Cu, Pb, Zn
15.	Hector Resources Inc. (Golden Spray Vein)	Au, Ag
16.	Pinaco Resources Corp.	Au, Ag, Cu, Pb, Zn
17.	Klondex	Au, Ag, Cu, Pb, Zn
18.	Cominco/Delaware Resource Corp. (Indy Deposit)	1,250,000 tons 0.700 oz/ton Au
19.	Pezgold Resource Corp.	Ag, Au
20.	Corridor Resources Ltd.	Au
21.	Delaware Resource Corp./American Ore Ltd./Golden Band	Au
22.	Esperanza Development Corp./Crest Resources Ltd.	Au, Ag, Cu, Pb
23.	Flicker Tape Resources Ltd. (Ring Vein)	Au
24.	Pezgold Resource Corp.	Au
25.	Consolidated Sea-Gold Corp.	Au
26.	Gulf International Minerals Ltd. (Northwest Zone)	Au, Ag, Cu
27.	Lone Claims	Ag, Cu, Au
28.	Pezgold Resource Corp. (Koba Zone)	Ag, Pb, Au
29.	Pezgold Resource Corp. (Ken Zone)	Cu, Au
30.	Forrest Project	Au, Ag, Cu
31.	Pine Lake Resources Ltd. (Trek Project)	Cu, Au
32.	Calsar Creek	125,500,000 tonnes 1.06% Cu, 0.33% g/t Au, 7.5% g/t Ag
33.	Continental Gold Corp.	Au, Ag, Cu
34.	Keller Resources Ltd./Barrabat Resources Ltd. (Jack Wilson Project)	Au, Cu
35.	Pine Lake Resources Ltd. (JB Project)	Au, Cu
36.	Lac Minerals (Double Peak Project)	Au
37.	Schaft Creek	510,520,000 tonnes 0.30% Cu, 0.020% Mo, 0.013 g/t Au, 0.372 g/t Ag
38.	Perdiet	220,570 tons 0.123 oz/ton Au

GLENDALE RESOURCES INC.

BEST BET No. 5 & 6, TED, HENRY, WALLY, ERNIE, NICK CLAIMS

Regional Mineral Occurrence Map

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Geologist:	NTS: 103, 104	Date: JAN. 1990	FIGURE: 3

to in more specific areas which range from the Stewart area to Sulphurets, Iskut and Galore Creek areas. Recent discoveries appear to be filling in areas between these known mineralized camps. It is probable that the entire area can be considered as one large mineralized province with attendant subareas.

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

1900 - 1975

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

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

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

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

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

	Tons	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)	Ni (%)
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.

Company	Deposit	Area	Short Tons	Au (oz/t)	Ag (oz/t)	Ref.
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.

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

DDH #CA 89-93	91.8 feet	0.453 oz/ton Au and 16.9 oz/ton Ag
DDH #CA 89-109	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 and exploration is continuing. Reserves based on this drilling indicate probable reserves of 4,364,000 tons grading 0.77 oz/ton

Au and 29.12 oz/ton Ag (Northern Miner, September 24, 1990).

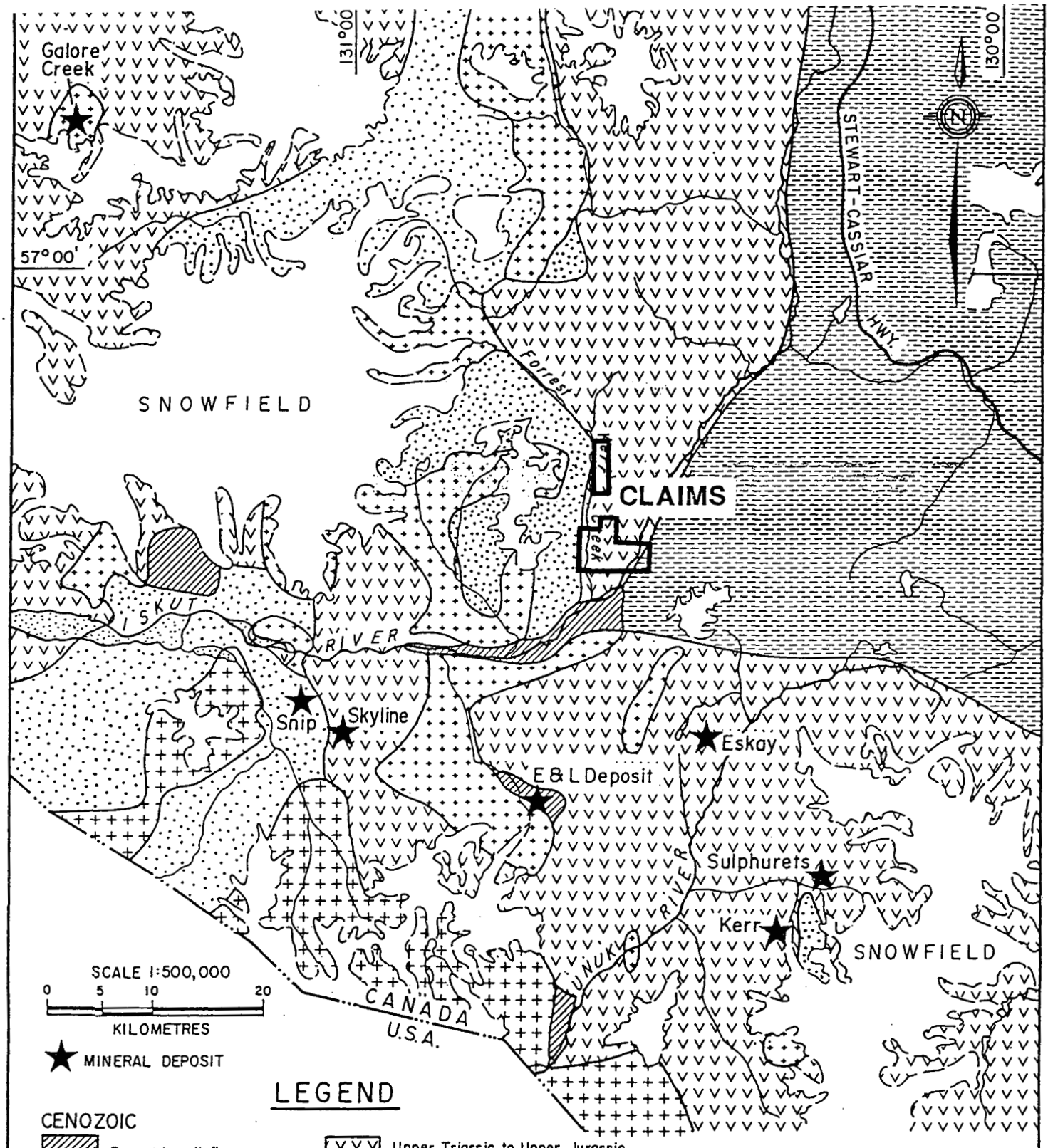
In 1990 the companies initiated an underground development and sampling program on the deposit to confirm these reserves and obtain bulk samples for metallurgical testing.

Drilling on Gulf International Minerals' Northwest Zone near Newmont Lake has been ongoing between 1987 and 1990. A few of their more significant intersections are provided below (annual reports and news releases).

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

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

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



LEGEND

CENOZOIC

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

MESOZOIC

- Cretaceous and Tertiary intrusives, felsic to intermediate
- 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.

Geology interpreted from G.S.C. Map 11-1971, Telegraph Creek; Equity Preservation Corp., Stewart-Sulphurets-Iskut Map 1988; and from Pamicon Developments Ltd. field maps

GLENDALE RESOURCES INC.

BEST BET No. 5 & 6, TED, HENRY, WALLY, ERNIE, NICK CLAIMS

SIMPLIFIED REGIONAL GEOLOGY

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date	FIG.
J.W.	103, 104	Jan. 1990	4

Stratigraphy of the Iskut River Area
(after descriptions by R.G. Anderson and J.M. Logan)

Stratigraphy	Lithology	Comments
BOWSER GROUP		
M. Jurassic	conglomerate, siltstone, sandstone, shale	Successor basin
	gradational to unconformable	
SPATSIZI GROUP		
L. Jurassic	shale, tuff, limestone	
	unconformable	
HAZELTON GROUP		
E. Jurassic	coeval alkalic/calc-alkalic	contractional event? Island Arc rocks
	gradational to unconformable	
STUHINI GROUP		
L. Triassic	intrusions; mafic volcanic rocks in the east, bimodal in the west	extensional in western area
	polymictic conglomerate basaltic to andesitic volcanics (plagioclase and hornblende)	no Triassic clasts; limestone clasts common
M. Triassic	sedimentary rocks	
	unconformable — contractional event	
STIKINE ASSEMBLAGE		
Permian	thin bedded coralline to crystalline limestone (over 1000 m thick), fossiliferous; intermediate flows and volcaniclastics	volcanic units resemble Hazelton Group rocks
E. Permian	rusty argillite	
	unconformable	
	'siliceous' turbidite, felsic lapilli tuff	extensional event
Missis-sippian	mafic meta-volcanics and metasediments; upper coralline limestone and conglomerate; lower limestone with tuff layers	thick bedded; limestone commonly bioclastic, coarse crinoids, corals
	unconformable	
E. Devonian	limestone; intermediate to felsic volcanics	contractional events; rocks highly deformed

Plutonic Rocks - Coast Plutonic Complex

L. Tertiary	granodiorite, diorite, basalt
	intrusive contacts
E. Tertiary	quartz diorite, granodiorite, quartz monzonite, feldspar porphyry, granite
	intrusive contact
M. Jurassic	quartz monzonite, feldspar porphyry, syenite
	intrusive contact
L. Jurassic	diorite, syenodiorite, granite
	intrusive contact
L. Triassic	diorite, quartz diorite, granodiorite
? Not determined	quartz diorite, ?

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 LOCAL ACTIVITY

The area immediately to the west of Forrest Kerr Creek has received extensive exploration activity for the last two years. Companies active in the region along with a very abbreviated summary of reported results are presented below. These are presented to acquaint the reader with the type of work proceeding in the immediate area.

Avondale Resources Inc. - Conducted a major reconnaissance program on their large Forrest claim holdings in 1989. In excess of 20 occurrences of copper-arsenic-gold-silver mineralization were located over a 7 km strike length. In 1990 basic field work was completed on 75% to 80% of the Avondale property and succeeded in locating in excess of 30 occurrences of gold and copper mineralization along a 12 km strike length. Preliminary drilling was conducted on several of the known targets. The best intersection reported to date is hole #7 on the Creek zone in the central portion of the property. Results are tabulated below.

DDH	Interval (metres)	Core Length (metres/feet)	Gold (oz/ton)	Silver (oz/ton)	Copper (%)
90-7	104.2 - 229.71	125.5	0.051	0.020	0.36
	including				
	141.1 - 160.8	19.7	0.90	0.50	1.29

Kestrel Resources Ltd. - Work on the KRL claims adjoining Avondale's Forrest property to the west located quartz veining with visible gold and assays

of up to 7.0 oz/ton Au. These showings were drilled in 1990.

(news release, September 7, 1990)

Gulf International Minerals - Drilling on their Northwest Zone near Newmont Lake 15 km to the west has been ongoing from 1987 to 1990. A summary of their more significant intersections is provided below (annual reports and news releases).

Drill Hole	Interval (feet)	Length (feet)	Copper (%)	Silver (oz/ton)	Gold (oz/ton)
87-25	343.0-373.0	30.0	0.23	0.11	0.404
	409.3-412.0	2.7	0.55	0.35	0.250
	470.2-473.8	3.6	0.42	0.19	1.520
87-29	167.0-170.0	3.0	0.001	0.01	0.140
	205.0-241.5	36.5	0.97	39.73	1.605
88-28	213.9-229.0	15.1			0.810
	260.5-276.6	16.1			0.645
	354.0-363.2	9.2			0.319

6.0 REGIONAL GEOLOGY

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

Grove defined a northwest trending assemblage of Upper Triassic and Jurassic volcanics and sedimentary rocks extending from Alice Arm in the south to the Iskut River in the north as the Stewart Complex. Paleozoic limestone and

volcanics underlie the complex while Mesozoic to Tertiary aged intrusives cut the units. Tertiary felsic plutons forming the Coast Plutonic Complex bound the area to the west while clastic sediments of the Spatsizi and Bowser Lake Groups overlap on the east.

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

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

PALEOZOIC STIKINE

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

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

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

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

MESOZOIC VOLCANICS AND SEDIMENTS

Stuhini Group

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

Hazelton Group

Lower Jurrasic Hazelton Group volcanic and sedimentary rocks predominantly occur in the southeast, northwest corners and central portions of the Galore-Iskut-Sulphurets area. Hazelton Group stratigraphy consists of the lowermost Unuk River Formation (Grove, 1986) comprised of mafic to intermediate volcanics with interbedded shale, argillite and greywacke sediments; the Betty Creek Formation (Grove, 1986) overlying the Unuk River Formation consists of maroon and green volcanic conglomerate and breccia, with the youngest uppermost member of the Hazelton Group consisting of welded tuff and tuff breccia correlative with Grove's (1986) Salmon River Formation and Alldrick's (1987) Mount Dilworth Formation.

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

Spatsizi Group

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

Bowser Group

Bowser Lake Group Middle and Upper Jurassic clastic sediments cover most of the northeast quadrant of the map area. Interbedded shale and greywacke units predominate in the south while thick-bedded shales dominate toward the north. Near the highlands toward the northern reaches of the Bowser Basin, basal chert-rich conglomerates identify the Bowser Group as an overlap assemblage.

CENOZOIC VOLCANICS

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

PLUTONIC ROCKS

The Coast Plutonic Complex, forming the western boundary of the Stewart Complex, is generally characterized by felsic Tertiary plutons. Late Triassic Stuhini Group and Early Jurassic Hazelton Group plutonic styles suggest coeval and cospatial relationships with surrounding volcanics via distinctive porphy-

BEST BET CLAIMS

TED, HENRY, WALLY, ERNIE & NICK CLAIMS

FORREST KERR FAULT

Scale 1:50,000

Km 0 0.5 1.0 2.0 3.0 Km

GLENDALE RESOURCES INC.

BEST BET No.5 & 6, TED, HENRY, WALLY, ERNIE, NICK CLAIMS

PROPERTY GEOLOGY

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104 B/15 E.	DEC. 1990	5

LEGEND

QUATERNARY

Rv — *RECENT VOLCANICS*

Qal — *TILL, ALLUVIUM*

LAYERED ROCKS

MIDDLE TO UPPER JURASSIC BOWSER LAKE GROUP

JBp — *PLANAR BEDDED SHALE AND LOCALLY CROSSBEDDED SANDSTONE TURBIDITE COUPLETS*

JBcg — *CHERT PEBBLE TO GRANULE CONGLOMERATE*

JURASSIC

Ju — *UNDIVIDED SEDIMENTS AND VOLCANICS*

Jw — *BRECCIATED AND CRACKLE FRACTURED DARK GREEN AND GREY SILICEOUS SILTSTONES AND PYRITIC CHERT, CARBONACEOUS TUFFACEOUS WACKES WITH INTERBEDDED CONGLOMERATE CONTAINING CLASTS OF CHERT, BLACK SILTSTONE, AND INTERMEDIATE TO FELSIC VOLCANICS (Jwcg)*

MIDDLE(?) JURASSIC

mJvb — *DENSE MEDIUM GREY TO GREEN PILLOW BASALT, LOCALLY AMYGDALOIDAL, PLAGIOCLASE PHYRIC, PILLOW BRECCIA FLOWS AND FLOW BRECCIAS, HYALOCLASTITE.*

mJvs — *THINLY BEDDED, ALTERNATING BLACK AND WHITE SILICEOUS TUFFS AND SEDIMENTS*

LOWER(?) JURASSIC

LJp — *FISSILE, THIN BEDDED, SILTSTONE AND SANDSTONE WITH CARBONACEOUS WOOD FRAGMENTS, GRANULE CONGLOMERATES CONTAINING INTERMEDIATE VOLCANIC, SEDIMENTARY AND LIMESTONE CLASTS.*

Llt — *BROWNISH GREY LAPILLI AND CRYSTAL TUFF; RHYOLITE CRYSTAL TUFF AND LESSER FLOWS (Llrt)*

UPPER TRIASSIC STUHINI GROUP

uTS — *UNDIVIDED VOLCANICS AND SEDIMENTS*

- **uTSvt** — *MAROON AND GREEN PLAGIOCLASE AND LESSER AUGITE-PHYRIC LAPILLI TO BLOCK TUFFS AND ASSOCIATED EPICLASTICS*
- **uTSv** — *MAROON AND GREEN PORPHYRITIC VOLCANIC FLOW BRECCIAS, PLAGIOCLASE-PHYRIC (uTSvp); AUGITE-PHYRIC (uTSva)*
- **uTSl** — *GREY-GREEN APHANITIC TUFF*
- **uTSw** — *TUFFACEOUS WACKE, ARGILLITE, LIMESTONE; CARBONACEOUS AND CALCAREOUS SILTSTONE INTERBEDDED WITH FINE GRAINED SANDSTONE AND MINOR CONGLOMERATE; MAROON VOLCANIC CONGLOMERATE WITH LIMESTONE CLASTS(uTSwcg)*

PALEOZOIC STIKINE ASSEMBLAGE

Pu — *UNDIVIDED METAVOLCANICS AND METASEDIMENTS*

WESTERN ASSEMBLAGE

PERMIAN

Pv — *UNDIVIDED PERMIAN VOLCANICS AND SEDIMENTS*

- **Pvl** — *LAPILLI AND PLAGIOCLASE CRYSTAL TUFF, FELSIC WELDED ASH TUFF, THINLY BEDDED SILICEOUS LIMESTONE LENSES; RHYOLITE FLOWS (Pvr); VOLCANIC SANDSTONE, SILTSTONE AND MAROON SHALLOW(?) WATER CONGLOMERATES (Pvs)*
- **Pc2** — *ALGAL LIMESTONE; THIN-LAMINATED, DARK GREY TO BLACK, LOCALLY FETID, WEATHERS BUFF, PISOLITE-RICH BEDS AND CUSPATE STACKED CONCAVE ALGAL STRUCTURES COMMON*
- **Pvb** — *HORNBLENDE-PLAGIOCLASE PORPHYRITIC ANDESITE BRECCIA FLOWS; LOCALLY AMYGDALOIDAL, CONTAINS 30 TO 40 PERCENT EUHEDRAL WHITE PLAGIOCLASE AND 15 PERCENT CHLORITIC ACICULAR HORNBLENDE CRYSTALS; MAROON LAHAR AND LAPILLI TUFF (Pvbq)*
- **Pc1** — *BIOCLASTIC LIMESTONE WITH CHERTY INTERBEDS; MEDIUM-BEDDED TO MASSIVE GREY BIOCLASTIC CALCARENITE AND LESSER BUFF SILTY DOLOMITIC UNITS; THIN BEDDED SECTIONS CONTAIN BLACK TO YELLOWISH BUFF AMORPHOUS SILICA BEDS UP TO 20 CENTIMETRES THICK; SOLITARY CORALS, FORAMINIFERA, BRYOZOAN, CRINOIDS AND VARIOUS BRACHIOPODS ARE LOCALLY ABUNDANT*
- **Pcg** — *THICK BEDDED, BOULDER TO PEBBLE CONGLOMERATE, CLASTS ARE AUGITE PHYRIC, PLAGIOCLASE PHYRIC, ANDESITE, BASALT, AND LIMESTONE CLASTS.*

MISSISSIPPIAN - PENNSYLVANIAN

- **Mss** — *SILTSTONE-SANDSTONE TURBIDITES AND LESSER CHERTS*
- **Mc** — *THICK-BEDDED CRINOIDAL CALCARENITE WITH INTERBEDDED SILICEOUS SILTSTONE*
- **Mv** — *UNDIVIDED VOLCANICS*
  - **Mvt** — *MAFIC TO INTERMEDIATE SCORIACEOUS LAPILLI TUFF; SILICEOUS DUST TUFFS AND EPICLASTICS (Mvtc); INTERMEDIATE TO FELSIC ASH FLOW AND WELDED TUFFS (Mvt)*
  - **Mvr** — *RHYOLITE, RHYODACITE, PINK AND ORANGE FLOW BANDED BRECCIAS VARYING TO MASSIVE SUBVOLCANIC BODIES, GLOMEROPORPHYRITIC FELDSPAR AND QUARTZ EYES COMMON.*
  - **Mvb** — *MASSIVE-AMYGDALOIDAL BASALT FLOWS; HYALOCLASTITE DEBRIS FLOWS (Mvbc); PILLOW BASALT (Mvbp)*

EASTERN ASSEMBLAGE

PERMIAN

- **Ptc** — *DEFORMED CHLORITIC TUFFS AND METAVOLCANICS, INTERBEDDED TUFFACEOUS AND SILICEOUS SILTSTONES AND NUMEROUS THIN BEDDED RECRYSTALLIZED LIMESTONES.*
- **Pc** — *LIMESTONE; BIOCLASTIC, MEDIUM-BEDDED, RECRYSTALLIZED, WHITE TO BUFF, SPARSELY CRINOIDAL CALCARENITE WHICH LOCALLY IS COMPLETELY RECRYSTALLIZED TO COARSE CALCITE*

PERMIAN AND OLDER

- **Pms** — *METASEDIMENTS AND MINOR LIMESTONE; SILTSTONES ARE GREY TO LIGHT GREEN, PHYLLITIC AND INTERLAYERED WITH GRAPHITIC ARGILLITE AND SILICEOUS PHYLLITE AND THIN LENSES OF DARK BROWN LIMESTONE; GREEN AND WHITE SILICEOUS TURBIDITE COUPLETS AND CHERTY TUFFS(Pmsc) OCCUR HIGH IN THE STRATIGRAPHY.*
- **Pc** — *LIMESTONE; RECRYSTALLIZED, THIN BEDDED TO MORE COMMONLY MASSIVE, WHITE TO BUFF COLOURED.*
- **Pmv** — *MAFIC TO FELSIC METAVOLCANICS, RARE LIMESTONE LENSES; VARIABLY FOLIATED TO SCHISTOSE, PURPLE TO DARK GREEN PLAGIOCLASE PORPHYRITIC FLOWS AND TUFFS.*

LOWER DEVONIAN

lDc — *DEFORMED CORALLINE LIMESTONES; LESSER INTERBEDDED PEBBLE CONGLOMERATE, SILICEOUS AND CARBONACEOUS SHALES AND BOTH MAFIC AND FELSIC TUFFS.*

INTRUSIVE ROCKS

CRETACEOUS AND YOUNGER (?)

Kp — *PLAGIOCLASE QUARTZ PORPHYRY; OCCURS AS SMALL PLUGS AND DYKES INTRUDING NORTH TRENDING FAULTS, PYRITIC AND OXIDIZED TO YELLOW AND RED GOSSANS.*

JURASSIC AND YOUNGER(?)

- **Jg** — *BIOTITE GRANITE; PINK, COARSE TO MEDIUM GRAINED, EQUIGRANULAR TO 'QUARTZ EYE' PORPHYRITIC, LESS COMMONLY HORNBLENDE IS THE MAFIC CONSTITUENT, QUARTZ EXCEEDS 30 PERCENT, QUARTZ RICH PHASES (50 PER CENT) ARE SPATIALLY RELATED TO FAULT STRUCTURES*
- **Jqm** — *HORNBLENDE QUARTZ MONZONITE TO MONZONITE; COARSE TO MEDIUM GRAINED, HORNBLENDE AVERAGES 20 PERCENT AS 5 MILLIMETRE CRYSTAL LATHS AND POIKILITIC CLOTS, BIOTITE WHERE PRESENT IS FINE GRAINED AND LESS THAN 5 PERCENT.*
- **Jd** — *HORNBLENDE DIORITE, HORNBLENDE QUARTZ DIORITE; HORNBLENDE IS CHLORITIC AND COMPRISES MORE THAN 40 PERCENT OF THE ROCK.*

MIDDLE(?) JURASSIC

Jdl — *DIORITE TO GABBRO; COARSE GRAINED, OCCURS AS STOCKS AND SILLS, PLAGIOCLASE CRYSTALS ARE EUHEDRAL TO SUBHEDRAL ACCULAR CLOTS WHICH IMPART A DISTINCTIVE FELTY INTERLOCKING TEXTURE, THESE SUBVOLCANIC INTRUSIONS MAY REPRESENT FEEDERS TO THE PILLOW BASALTS(Jvb)*

EARLY JURASSIC

- **eJm** — *HORNBLENDE-PLAGIOCLASE-PORPHYRITIC MONZONITE; OCCURS AS DYKES, SILLS AND PLUGS CHARACTERIZED BY A HEMATITIC GROUNDMASS ALTERED WITH PINK SUBHEDRAL TO EUHEDRAL PLAGIOCLASE (UP TO 50 PERCENT) AND HORNBLENDE CRYSTALS, TRACHYTIC TEXTURES ARE COMMON, STRONGLY MAGNETIC.*
- **eJg** — *HORNBLENDE BIOTITE POTASSIUM FELDSPAR MEGACRYSTIC GRANITE.*

AGE UNKNOWN

- **qd** — *HORNBLENDE QUARTZ DIORITE; MEDIUM GRAINED, LOCALLY FOLIATED AND ALTERED, CONTAINS IRREGULAR MAFIC INCLUSIONS (UP TO 100 CENTIMETRES) OF AMPHIBOLITES.*
- **d** — *ALTERED DIORITE*
- **DYKES** — *a) APHYRIC ANDESITE AND BASALT; pp) MAFIC PLAGIOCLASE PHYRIC; l) LAMPROPHYRE; r) RHYOLITE/APLITE*

MAP SYMBOLS

Geological contact (defined, approximate, assumed)

Unconformable contact (defined, assumed)

Bedding (horizontal, inclined, overturned)

Foliation

Fault (observed, inferred)

Thrust or high angle reverse fault (defined, assumed)

Anticline (direction of plunge indicated)

Syncline (direction of plunge indicated)

Minor fold axis

Joint

Dyke

Vein

Outcrop visited

ritic dykes such as the Premier Porphyry. Tertiary Coast Complex plutons lack these dykes and volcanic equivalents.

7.0 PROPERTY GEOLOGY

More detailed geology for the two claim blocks is presented on Figure 6 - (Walley, Henry, Nick, Ernie and Ted claims) and Figure 7 (Best Bet 5 and 6 claims).

7.1 WALLY, HENRY, NICK, ERNIE AND TED CLAIMS

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

The most prominent unit recognized on the claims is Middle (?) Jurassic Bowser Lake Group grey to green pillow basalt, pillow breccia flows and flow breccias (Figure 5) (unit mJvb on Open File 1990-2 and units B, B_2, B_3 on Figure 6). R.G. Anderson of the Geological Survey of Canada refers to this succession as the Eskay Creek facies which in the property area is believed to attain a thickness of 1300 metres. Eighteen kilometres to the southeast at the epithermal-stratabound Eskay Creek deposit, this unit is only 60 metres thick and at its base is intercalated with a distinctive basal siliceous and limey, radiolaria-bearing shale and argillite (the "contact zone" which hosts the Eskay Creek deposit).

Possibly correlative stratigraphy to the Eskay Creek deposit "contact zone" was mapped along an east-west trending saddle at the lowest topographical levels on the south end of the property. These rocks would appear to lie underneath the thick succession of Middle (?) Jurassic pillow basalts. Rocks in this area consist of lapilli ash flow tuffs, siltstone and argillites.

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.

Only one small diorite/gabbro intrusive was noted in the north central claims area at approximately the 3,000 foot ASL level. Structurally, the property is cut by two major fault systems which parallel the Iskut River and Forrest Kerr Creek.

Extensive overburden consisting of glacial till deposits and recent alluvium prevent any observation of these proposed fault systems. Other minor fault features which are likely splays from the major faults were observed on the property.

7.2 BEST BET 5 AND 6 CLAIMS (Figure 6)

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 Bowser Lake 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 zone".

The claims occupy a west facing bank of Forrest Kerr Creek between approximately 1,500 and 2,500 feet ASL. The area is characterized by a relatively flat area in the south and west portions of the claims containing recent alluvium with steep slopes (to greater than 50% with associated cliffs) on the eastern portion of the claims.

A splay from the Forrest Kerr fault is postulated to pass through the west part of the claim group and has developed the flatter topography in this

area. This region is covered by recent alluvium and presents little opportunity for preliminary exploration.

8.0 SAMPLE RESULTS

No results of any significance were returned by samples collected during prospecting and mapping on the Wally, Henry, Nick, Ted and Ernie nor the Best Bet 5 and 6 claims.

Soil sample locations are plotted on Figures 6 and 7. A total of 130 soils were taken on the Wally, Henry, Nick, Ted and Ernie claims along with 3 rock chip samples while 82 soil samples were collected from the Best Bet 5 and 6 claims. Soil samples were taken from soil pits 5 to 40 cm deep consisting usually of B-C horizon material. Full sample descriptions from each location are appended to this report. Sample analytical preparation is also appended.

Soil geochemical values were generally low in gold with individual highs up to 40 ppb Au. Silver, copper, lead and zinc also reported low values.

9.0 DISCUSSION AND CONCLUSIONS

A small reconnaissance exploration program was carried out on Glendale Resources Ltd.'s two properties in the Iskut River area of northwestern British Columbia in 1990.

Work consisted of contour soil traverses in areas of accessibility in conjunction with prospecting and geological mapping. No anomalous values in precious or base metals were recorded.

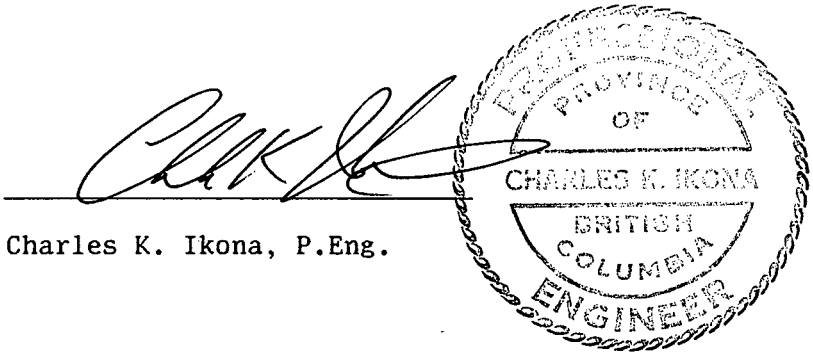
Government mapping in the area by Logan and Anderson indicate the claims area to be predominantly underlain by rocks of Middle (?) Jurassic Bowser Lake

group pillow basalt volcanics which are referred to as the Eskay Creek facies. Field mapping during 1990 agrees with this conclusion. In light of ongoing work and interpretation at the polymetallic Eskay Creek deposit 18 km to the southeast, it can be reasoned that rocks which form the hangingwall to the Eskay Creek deposit also overlie the vast majority of the Glendale properties. Although this cover is much greater over the subject properties, it is possible that windows or faulted blocks may be uplifted and therefore more readily accessible and amenable to exploration. Any further work on the property should be directed toward locating such areas with subsequent exploration focussed on these units.

Some potential may also exist to discover Fe + Cu + Zn volcanic massive sulphide deposits of the Cyprus-type in the Bowser Lake assemblage itself. These occurrances are closely associated with opheiolitic submarine pillow basalt sequences. They occur in rocks ranging from Paleozoic to Tertiary age (examples include Cyprus, Ergaui Maden in Turkey and Betts Cove in Newfoundland).

To date no occurrances of this type have been documented in the Bowser Lake group in the immediate area although the Granduc deposit near Stewart may possibly represent a deposit of this nature in the older Hazelton sequence.

Respectfully submitted,



Charles K. Ikona, P.Eng.

APPENDIX I

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APPENDIX II

COST STATEMENT

COST STATEMENT

GLENDALE RESOURCES INC.

BEST BET 5,6, TED, WALLY, HENRY

NICK & ERNIE CLAIMS

JULY 1 TO OCTOBER 30, 1990

LIARD MINING DIVISION

WAGES		
Manager/Coordinator		
K. Milledge - 3 day @ $250.00	$ 750.00	
Geologists		
R. Darney		
- 2 days @ $425.00	850.00	
L. Vanzino		
- 2 days @ $325.00	650.00	
R. Gerhardt		
- 1 day @ $325.00	325.00	
Samplers/Trenchers		
E. Munroe - 4 days @ $225.00	900.00	
G. Douglas - 3 days @ $225.00	675.00	
P. Hoffman - 3 days @ $225.00	675.00	
J. E lmore - 1 day @ $225.00	225.00	
K. Russel - 2 days @ $225.00	450.00	
J. Gordon - 2 days @ $225.00	450.00	
T. Montgomery - 3 days @ $225.00	675.00	
D. Elinn - 1 Day @ $225.00	225.00	
Prospectors		
N. Debock - 1 day @ $300.00	300.00	
J. Anderson - 1 day @ $300.00	300.00	
Total Wages		$ 7,450.00

CAMP AND EQUIPMENT EXPENSES

Room and Board			
Pamicon Crew	29.0 days		
N.M. Heli	1.0 days		
	30.0 days @ $125.00	$ 3,750.00	
Field Equipment and Supplies		725.00	
			4,475.00

GENERAL EXPENSES

Management Fees	$ 801.31	
Travel, Accomodation, Airfare	480.00	
Space Tel and Communications	180.00	
Freight	67.00	
Reproductions	274.41	
Helicopter	4,200.28	
Fixed Wing	73.50	
Assays	3,231.20	
		9,307.70
Report Cost		2,500.00
TOTAL THIS PROGRAM		$ 23,732.70

APPENDIX III

ANALYTICAL PROCEDURES

VGC VANGEOCHEM LAB LIMITED

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FAX (604) 254-5717

BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

November 21, 1990

TO: Mr. Steve Todoruk
PAMICON DEVELOPMENTS LTD.
711 - 675 W. Hastings St.
Vancouver, BC V6B 1N4

FROM: VANGEOCHEM LAB LIMITED
1630 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine gold by fire assay method and detect by atomic absorption spectrophotometry in geological samples.

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.

(b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.

(c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for subsequent analyses.

2. Method of Extraction

(a) 20.0 to 30.0 grams of the pulp samples were used. Samples were weighed out using a top-loading balance and deposited into individual fusion pots.

(b) A flux of litharge, soda ash, silica, borax, and, either flour or potassium nitrite is added. The samples are then fused at 1900 degrees Farenhiet to form a lead "button".

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(c) The gold is extracted by cupellation and parted with diluted nitric acid.

(d) The gold beads are retained for subsequent measurement.

3. Method of Detection

(a) The gold beads are dissolved by boiling with concentrated aqua regia solution in hot water bath.

(b) The detection of gold was performed with a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out on a strip chart recorder. The gold values, in parts per billion, were calculated by comparing them with a set of known gold standards.

4. Analysts

The analyses were supervised or determined by Mr. Raymond Chan or Mr. Conway Chun and his laboratory staff.

Raymond Chan
VANGEOCHEM LAB LIMITED

VGC VANGEOCHEM LAB LIMITED

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November 21, 1990

TO: Mr. Steve Todoruk
PAMICON DEVELOPMENTS LTD.
711 - 675 W. Hastings St.
Vancouver, BC V6B 1N4

FROM: VANGEOCHEM LAB LIMITED
1630 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine Aqua Regia soluble gold in geochemical samples.

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.

(b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.

(c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for subsequent analyses.

2. Method of Digestion

(a) 5.00 to 10.00 grams of the minus 80-mesh portion of the samples were used. Samples were weighed out using an electronic micro-balance and deposited into beakers.

(b) Using a 20 ml solution of Aqua Regia (3:1 solution of HCl to HNO3), each sample was vigorously digested over a hot plate.

(c) The digested samples were filtered and the washed pulps were discarded. The filtrate was then reduced in volume to about 5 ml.

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(d) Au complex ions were then extracted into a di-isobutyl ketone and thiourea medium (Anion exchange liquids "Aliquot 336").

(e) Separatory funnels were used to separate the organic layer.

3. Method of Detection

The detection of Au was performed with a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out onto a strip chart recorder. A hydrogen lamp was used to correct any background interferences. The gold values, in parts per billion, were calculated by comparing them with a set of gold standards.

4. Analysts

The analyses were supervised or determined by Mr. Conway Chun or Mr. Raymond Chan and his laboratory staff.

Raymond Chan
VANGEOCHEM LAB LIMITED

VGC VANGEOCHEM LAB LIMITED

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November 21, 1990

TO: Mr. Steve Todoruk
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711 - 675 W. Hastings St.
Vancouver, BC V6B 1N4

FROM: VANGEOCHEM LAB LIMITED
1630 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine hot acid soluble for 25 element scan by Inductively Coupled Plasma Spectrophotometry in geochemical silt and soil samples.

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" X 6", Kraft paper bags. Rock samples would be received in poly ore bags.

(b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.

(c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for subsequent analyses.

2 Method of Digestion

(a) 0.50 gram portions of the minus 80-mesh samples were used. Samples were weighed out using an electronic balance.

(b) Samples were digested with a 5 ml solution of HCl:HNO3:H2O in the ratio of 3:1:2 in a 95 degree Celsius water bath for 90 minutes.

(c) The digested samples are then removed from the bath and bulked up to 10 ml total volume with demineralized water and thoroughly mixed.

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RENO, NEVADA, U.S.A.

3. Method of Analyses

The ICP analyses elements were determined by using a Jarrell-Ash ICAP model 9000 directly reading the spectrophotometric emissions. All major matrix and trace elements are interelement corrected. All data are subsequently stored onto disketts.

4. Analysts

The analyses were supervised or determined by Mr. Conway Chun or Mr. Raymond Chan and his laboratory staff.

Raymond Chan
VANGEOCHEM LAB LIMITED

APPENDIX IV

ASSAY REPORTS

VGC VANGEOCHEM LAB LIMITED

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 900567 GA JOB NUMBER: 900567 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
L550 000S	10
L550 025S	5
L550 050S	5
L550 075S	nd
L550 100S	nd
L550 125S	5
L550 150S	5
L550 175S	10
L550 200S	15
L550 225S	5
L550 250S	15
L550 275S	15
L550 300S	5
L550 325S	5
L550 350S	15
L550 375S	10
L550 400S	nd
L550 425S	nd
L550 450S	10
L550 475S	15
L550 550S	nd
L550 575S	15
L550 600S	nd
L550 625S	nd
L550 650S	10
L550 700S	nd
L550 725S	nd
L550 750S	nd
L550 800S	5
L550 825S	nd
L550 850S	nd
L550 875S	15
L550 900S	5
L550 925S	10
L550 950S	nd
L550 975S	nd
L550 1000S	10
L600 000S	nd
L600 025S	5
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
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BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900567 GA JOB NUMBER: 900567 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
L600 050S	5
L600 075S	nd
L600 100S	10
L600 125S	nd
L600 150S	nd
L600 175S	20
L600 200S	nd
L600 225S	10
L600 250S	nd
L600 275S	10
L600 300S	nd
L600 325S	5
L600 350S	10
L600 375S	10
L600 400S	nd
L600 425S	10
L600 450S	nd
L600 475S	nd
L600 500S	nd
L600 525S	nd
L600 550S	15
L600 575S	15
L600 600S	nd
L600 625S	20
L600 650S	10
L600 675S	15
L600 700S	nd
L600 725S	nd
L600 750S	nd
L600 775S	15
L600 800S	5
L600 825S	15
L600 850S	15
L600 875S	15
L600 900S	5

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED
1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

REPORT #: 900567 PA | PANICON DEVELOPMENTS LTD. | PROJECT: GLENDALE | DATE IN: SEPT 24 1990 | DATE OUT: OCT 26 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L550 000S	0.5	6.60	<3	168	<3	1.09	2.8	32	66	60	6.08	0.26	0.45	3541	30	0.09	80	0.08	<2	<2	<2	26	<5	<3	211
L550 025S	0.2	1.68	<3	82	<3	3.79	1.2	17	29	25	2.43	0.23	0.43	4125	11	0.06	31	0.13	<2	<2	<2	47	<5	<3	110
L550 050S	0.4	2.92	<3	110	<3	0.80	1.8	20	38	23	4.03	0.14	0.29	576	13	0.05	17	0.05	<2	<2	<2	21	<5	<3	92
L550 075S	0.3	0.98	<3	33	<3	0.08	0.9	8	19	19	2.35	0.02	0.13	100	9	0.02	11	0.02	<2	<2	<2	6	<5	<3	60
L550 100S	0.3	1.68	<3	111	<3	0.63	1.5	14	30	26	2.95	0.11	0.26	270	11	0.04	21	0.05	<2	<2	<2	20	<5	<3	123
L550 125S	0.1	4.80	<3	81	<3	1.90	2.3	61	108	53	6.93	0.31	1.36	2356	22	0.07	85	0.07	<2	<2	<2	30	<5	<3	127
L550 150S	0.1	3.38	<3	41	<3	1.02	2.5	43	60	31	5.72	0.21	0.81	2280	13	0.06	41	0.16	<2	<2	<2	23	<5	<3	125
L550 175S	1.0	3.41	<3	93	<3	0.18	1.3	17	43	49	5.85	0.14	0.49	932	13	0.04	23	0.13	<2	<2	<2	8	<5	<3	151
L550 200S	0.4	2.82	<3	74	<3	0.16	1.2	19	41	63	4.82	0.11	0.64	1138	12	0.04	34	0.17	<2	<2	<2	8	<5	<3	168
L550 225S	0.5	2.40	<3	79	<3	0.28	1.4	14	36	23	4.53	0.10	0.29	1000	14	0.04	16	0.19	<2	<2	<2	11	<5	<3	100
L550 250S	0.7	3.46	<3	74	<3	0.15	2.2	23	39	31	5.24	0.11	0.35	734	13	0.06	9	0.12	<2	<2	<2	14	<5	<3	122
L550 275S	1.0	4.78	<3	88	<3	0.18	2.1	19	50	38	7.42	0.18	0.42	866	18	0.06	14	0.47	<2	<2	<2	7	<5	<3	123
L550 300S	0.2	3.12	<3	70	<3	0.14	1.6	12	41	40	4.98	0.10	0.45	449	14	0.04	20	0.14	<2	<2	<2	8	<5	<3	88
L550 325S	0.3	6.86	<3	82	<3	0.14	2.2	27	60	39	8.02	0.21	0.49	612	22	0.07	17	0.18	<2	<2	<2	6	<5	<3	185
L550 350S	0.1	4.15	<3	79	<3	0.12	2.2	17	51	39	5.97	0.13	0.58	432	17	0.05	29	0.08	<2	<2	<2	7	<5	<3	138
L550 375S	0.2	4.93	<3	106	<3	0.15	1.4	17	51	37	5.81	0.13	0.70	366	15	0.05	28	0.03	<2	<2	<2	8	<5	<3	157
L550 400S	0.5	4.00	<3	70	<3	0.88	3.0	42	129	43	6.44	0.22	1.94	1082	18	0.09	89	0.07	<2	<2	<2	12	<5	<3	239
L550 425S	0.6	3.30	<3	101	<3	0.13	2.2	30	53	64	7.21	0.17	0.32	459	15	0.07	16	0.12	<2	<2	<2	7	<5	<3	84
L550 450S	0.4	3.44	<3	136	<3	0.18	1.5	22	55	41	7.30	0.17	0.57	420	15	0.06	21	0.13	<2	<2	<2	8	<5	<3	117
L550 475S	0.6	1.69	<3	35	<3	0.06	0.6	27	30	21	5.81	0.11	0.11	253	11	0.05	3	0.02	<2	<2	<2	5	<5	<3	48
L550 550S	1.1	1.40	<3	58	<3	0.25	0.6	10	33	11	3.13	0.05	0.16	125	10	0.03	17	0.10	<2	<2	<2	14	<5	<3	62
L550 575S	1.5	3.87	<3	89	<3	0.23	0.8	18	47	31	5.84	0.13	0.36	471	18	0.05	19	0.08	<2	<2	<2	11	<5	<3	106
L550 600S	0.5	5.47	<3	85	<3	1.08	2.9	72	189	60	7.80	0.29	2.96	1965	26	0.08	221	0.10	<2	<2	<2	13	<5	<3	187
L550 625S	0.4	5.64	<3	144	<3	0.56	4.0	44	75	77	5.72	0.19	1.00	644	19	0.07	63	0.03	<2	<2	<2	9	<5	<3	370
L550 650S	0.4	>10.00	<3	39	<3	0.12	0.6	27	100	32	9.21	0.29	0.23	555	28	0.08	5	0.03	<2	<2	<2	5	<5	<3	93
L550 700S	0.3	0.92	<3	69	<3	1.80	2.1	24	16	20	1.53	0.13	0.12	131	9	0.04	5	0.05	13	<2	<2	45	<5	<3	62
L550 725S	0.2	4.22	<3	96	<3	0.36	1.8	31	33	32	>10.00	0.31	0.09	574	28	0.14	<1	0.03	<2	<2	<2	16	<5	<3	142
L550 750S	0.1	5.71	<3	110	<3	0.13	1.7	18	52	36	6.05	0.14	0.56	361	18	0.05	17	0.02	<2	<2	<2	8	<5	<3	134
L550 800S	0.1	3.23	<3	44	<3	0.62	0.9	40	89	32	5.17	0.17	0.95	949	17	0.08	35	0.08	<2	<2	<2	27	<5	<3	110
L550 825S	0.2	5.86	<3	62	<3	0.39	2.2	45	83	33	7.52	0.22	0.48	637	23	0.10	12	0.03	<2	<2	<2	15	<5	<3	137
L550 850S	0.2	3.68	<3	41	<3	0.29	1.7	37	75	27	7.63	0.22	0.73	312	17	0.08	25	0.06	<2	<2	<2	13	<5	<3	96
L550 875S	0.2	0.70	<3	30	<3	0.13	<0.1	11	16	5	0.87	<0.01	0.13	68	4	0.02	<1	0.07	<2	<2	<2	13	<5	<3	25
L550 900S	0.4	6.90	<3	57	<3	0.07	<0.1	15	55	25	6.71	0.16	0.35	242	21	0.06	5	0.01	<2	<2	<2	5	<5	<3	116
L550 925S	0.8	4.60	<3	172	<3	0.51	1.5	34	43	53	6.13	0.20	0.24	1716	18	0.11	3	0.08	<2	<2	<2	22	<5	<3	118
L550 950S	0.4	4.97	<3	83	<3	0.09	1.1	19	55	36	5.61	0.12	0.52	272	17	0.05	14	0.07	<2	<2	<2	6	<5	<3	128
L550 975S	0.3	6.16	<3	52	<3	0.09	0.6	15	49	22	7.51	0.17	0.34	270	22	0.07	5	0.03	<2	<2	<2	4	<5	<3	89
L550 1000S	0.4	3.66	<3	151	<3	1.65	0.4	20	37	25	3.10	0.17	0.26	420	16	0.04	13	0.09	<2	<2	<2	60	<5	<3	91
L550 000S	0.8	4.81	<3	104	<3	1.71	1.4	35	73	60	6.84	0.28	0.87	2650	20	0.07	45	0.10	<2	<2	<2	35	<5	<3	149
L600 025S	0.4	2.92	<3	79	<3	0.15	1.1	14	42	40	4.45	0.09	0.71	587	13	0.03	24	0.05	<2	<2	<2	8	<5	<3	130
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	15.00	2000	10000	1000	15.00	1000.0	20000	10000	20000	15.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

VANGEOCHEM LAB LIMITED

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ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST:

REPORT #: 900567 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: GLENDALE | DATE IN: SEPT 24 1990 | DATE OUT: OCT 29 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L600 050S	0.3	8.66	<3	83	<3	0.69	1.8	40	77	63	7.10	0.27	0.44	1030	21	0.08	36	0.06	<2	<2	<2	23	<5	<3	126
L600 075S	<0.1	4.00	<3	77	<3	0.24	1.0	31	54	30	7.13	0.18	0.36	553	18	0.08	23	0.03	<2	<2	<2	9	<5	<3	140
L600 100S	<0.1	4.65	<3	43	<3	0.92	1.1	59	95	52	8.72	0.30	1.00	3219	22	0.08	60	0.11	<2	<2	<2	29	<5	<3	123
L600 125S	<0.1	2.86	<3	71	<3	1.69	0.9	60	65	36	6.52	0.28	0.68	7716	18	0.06	43	0.16	<2	<2	<2	41	<5	<3	125
L600 150S	<0.1	3.67	<3	73	<3	0.15	0.7	14	47	50	5.22	0.11	0.55	471	17	0.04	29	0.17	<2	<2	<2	7	<5	<3	111
L600 175S	<0.1	2.67	<3	115	<3	0.28	0.7	16	49	62	5.05	0.12	0.84	749	15	0.05	38	0.17	<2	<2	<2	13	<5	<3	133
L600 200S	<0.1	3.55	<3	164	<3	0.15	0.9	16	53	42	5.90	0.12	0.44	465	18	0.05	26	0.08	<2	<2	<2	14	<5	<3	115
L600 225S	<0.1	2.29	<3	65	<3	0.09	<0.1	18	33	28	5.39	0.10	0.17	330	12	0.04	9	0.09	<2	<2	<2	7	<5	<3	63
L600 250S	<0.1	3.09	<3	71	<3	0.17	0.6	15	43	37	5.32	0.12	0.63	317	13	0.04	26	0.09	<2	<2	<2	9	<5	<3	109
L600 275S	0.2	3.71	<3	140	<3	0.43	1.4	30	109	40	7.05	0.20	1.28	588	19	0.07	62	0.04	<2	<2	<2	15	<5	<3	184
L600 300S	0.2	1.51	<3	79	<3	0.18	<0.1	15	31	28	4.01	0.07	0.19	302	19	0.03	14	0.03	<2	<2	<2	11	<5	<3	62
L600 325S	0.4	2.49	<3	95	<3	0.25	0.5	9	38	21	5.56	0.10	0.14	126	18	0.03	7	0.05	<2	<2	<2	17	<5	<3	61
L600 350S	0.3	5.56	<3	67	<3	0.14	1.4	17	52	46	7.77	0.19	0.30	649	22	0.08	15	0.05	<2	<2	<2	5	<5	<3	100
L600 375S	<0.1	4.78	<3	124	<3	0.48	1.6	32	69	68	6.07	0.19	0.95	1850	16	0.06	51	0.09	<2	<2	<2	16	<5	<3	225
L600 400S	0.2	5.30	<3	106	<3	0.19	1.4	30	69	63	7.64	0.19	0.43	1206	23	0.09	20	0.08	<2	<2	<2	7	<5	<3	166
L600 425S	0.3	5.31	<3	115	<3	0.34	0.8	24	55	44	6.27	0.17	0.46	538	18	0.07	22	0.06	<2	<2	<2	15	<5	<3	146
L600 450S	<0.1	3.32	<3	75	<3	0.34	0.7	31	52	34	8.21	0.22	0.45	1475	16	0.08	12	0.07	<2	<2	<2	10	<5	<3	129
L600 475S	<0.1	4.72	<3	75	<3	0.16	1.1	21	62	43	7.01	0.17	0.54	716	16	0.05	21	0.09	<2	<2	<2	7	<5	<3	128
L600 500S	<0.1	3.44	<3	88	<3	0.33	0.2	19	49	29	6.68	0.18	0.32	902	15	0.05	14	0.27	<2	<2	<2	12	<5	<3	151
L600 525S	<0.1	0.71	<3	27	<3	0.03	<0.1	11	10	3	0.36	<0.01	0.04	37	5	<0.01	2	0.02	31	<2	<2	5	<5	<3	14
L600 550S	0.1	2.79	<3	81	<3	0.18	<0.1	15	52	40	6.67	0.13	0.36	346	18	0.05	17	0.06	<2	<2	<2	11	<5	<3	86
L600 575S	0.2	4.56	<3	116	<3	0.30	<0.1	23	53	54	4.82	0.13	0.62	675	17	0.04	32	0.07	<2	<2	<2	10	<5	<3	123
L600 600S	<0.1	2.40	<3	35	<3	0.18	0.7	24	47	19	6.99	0.14	0.23	297	13	0.06	7	0.05	<2	<2	<2	8	<5	<3	57
L600 625S	<0.1	1.42	<3	32	<3	0.10	<0.1	20	29	13	5.16	0.07	0.14	286	10	0.05	3	0.07	8	<2	<2	8	<5	<3	48
L600 650S	0.3	3.12	<3	82	<3	0.14	1.0	17	56	33	5.88	0.11	0.65	379	14	0.04	22	0.05	<2	<2	<2	7	<5	<3	121
L600 675S	0.6	3.94	<3	53	<3	0.40	1.4	32	96	29	7.45	0.20	0.54	1354	17	0.06	24	0.08	<2	<2	<2	13	<5	<3	98
L600 700S	<0.1	9.24	<3	56	<3	1.10	1.3	79	114	61	8.50	0.34	1.20	2744	26	0.09	51	0.06	<2	<2	<2	23	<5	<3	173
L600 725S	0.2	3.67	<3	58	<3	0.52	0.6	44	148	33	>10.00	0.31	0.88	353	22	0.09	35	0.03	<2	<2	<2	12	<5	<3	93
L600 750S	0.3	9.27	<3	31	<3	1.63	1.2	74	177	73	8.35	0.35	1.23	1166	30	0.07	77	0.07	<2	<2	<2	11	<5	<3	140
L600 775S	0.1	8.19	<3	57	<3	0.65	0.7	31	133	38	7.42	0.25	0.73	322	24	0.07	44	0.05	<2	<2	<2	14	<5	<3	81
L600 800S	0.2	3.81	<3	48	<3	0.97	<0.1	42	57	29	5.28	0.18	0.82	1017	18	0.07	38	0.05	<2	<2	<2	28	<5	<3	89
L600 825S	0.2	2.65	<3	81	<3	0.50	1.1	51	90	32	8.04	0.22	0.31	223	21	0.10	17	0.04	<2	<2	<2	15	<5	<3	81
L600 850S	0.4	>10.00	<3	43	<3	1.81	<0.1	54	115	56	4.75	0.26	0.06	1984	31	0.04	12	0.04	<2	<2	<2	29	<5	<3	87
L600 875S	0.3	5.91	<3	71	<3	0.25	0.1	31	90	32	9.00	0.25	0.77	855	22	0.06	36	0.08	<2	<2	<2	9	<5	<3	118
L600 900S	0.5	5.31	<3	42	<3	0.10	<0.1	29	40	22	7.92	0.19	0.12	582	19	0.08	<1	0.07	<2	<2	<2	5	<5	<3	122
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

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BRANCH OFFICES
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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900213 GA JOB NUMBER: 900213 **PAMICON DEVELOPMENTS LTD.**

SAMPLE #	Au ppb
89351	nd
89352	nd
89353	nd

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEMLAB LIMITED
1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: _____

REPORT #: 900213 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: GLERDALE | DATE IN: AUG 10 1990 | DATE OUT: AUG 29 1990 | ATTENTION: MR. STEVE TODORUK | PAGE 1 OF 1

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
89351	<0.1	4.97	<3	32	<3	7.56	3.5	89	218	72	8.30	<0.01	4.07	1623	22	<0.01	137	0.08	<2	<2	46	58	<5	<3	131
89352	<0.1	3.62	<3	16	<3	5.97	1.7	70	153	57	4.54	<0.01	1.67	655	16	<0.01	98	0.07	<2	<2	36	42	<5	<3	103
89353	<0.1	5.20	<3	9	<3	9.42	3.0	46	110	33	4.22	<0.01	2.01	725	11	<0.01	65	0.04	<2	<2	29	33	<5	<3	72
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

1630 PANDORA STREET
VANCOUVER, BC V5L 1L6
(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1988 TRIUMPH ST.~~
~~VANCOUVER, B.C. V5L 1K5~~
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900334 GA JOB NUMBER: 900334 **PANICON DEVELOPMENTS LTD.**

SAMPLE #	Au ppb
L400 000E	15
L400 025E	10
L400 050E	15
L400 075E	nd
L400 100E	5
L400 125E	10
L400 150E	nd
L400 175E	25
L400 200E	10
L400 225E	15
L400 250E	nd
L400 275E	10
L400 300E	5
L400 325E	nd
L400 350E	15
L400 375E	5
L400 400E	25
L400 425E	20
L400 450E	nd
L400 475E	5
L400 500E	25
L400 525E	10
L400 550E	5
L400 575E	10
L400 600E	nd
L400 625E	5
L400 650E	nd
L400 675E	10
L400 700E	20
L400 725E	5
L400 750E	10
L400 775E	nd
L400 800E	nd
L400 825E	10
L450 000E	20
L450 025E	nd
L450 050E	5
L450 075E	5
L450 100E	15
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

1630 PANDORA STREET
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BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

SAMPLE #	Au ppb
L450 125E	nd
L450 150E	10
L450 175E	5
L450 200E	10
L450 225E	nd
L450 250E	nd
L450 275E	nd
L450 300E	5
L450 325E	10
L450 350E	15
L450 375E	5
L450 400E	25
L450 425E	nd
L450 450E	5
L450 475E	20
L450 500E	20
L500 000E	20
L500 025E	nd
L500 050E	10
L500 075E	25
L500 100E	nd
L500 125E	nd
L500 150E	10
L500 175E	25
L500 200E	20
L500 225E	20
L500 250E	25
L500 275E	25
L500 300E	30
L500 325E	5
L500 350E	5
L500 375E	10
L500 400E	10
L500 425E	15
L500 450E	10
L500 475E	10
L500 500E	5
L500 525E	25
L500 550E	15
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

1630 PANDORA STREET
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BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900334 GA JOB NUMBER: 900334 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
L500 575E	5

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED
1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST:

REPORT #: 900334 PA PANICON DEVELOPMENTS LTD. PROJECT: GLENDALE DATE IN: AUG 29 1990 DATE OUT: OCT 01 1990 ATTENTION: MR. STEVE TODORUK

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L400 000E	<0.1	2.41	<3	176	<3	0.35	2.0	22	38	34	4.51	0.09	0.28	519	13	0.03	20	0.20	33	<2	18	19	<5	<3	126
L400 025E	<0.1	5.44	<3	424	<3	0.27	2.8	38	46	49	6.00	0.12	0.65	1088	19	0.04	54	0.13	16	<2	24	21	<5	<3	207
L400 075E	<0.1	8.89	<3	229	<3	0.36	5.1	58	55	61	8.47	0.18	0.86	835	29	0.08	38	0.09	22	<2	41	29	<5	<3	160
L400 100E	<0.1	3.90	<3	372	<3	0.43	3.4	39	46	39	7.54	0.16	0.41	1057	18	0.05	32	0.22	43	<2	27	32	<5	<3	230
L400 125E	<0.1	5.33	<3	347	<3	0.38	9.7	39	49	41	7.14	0.15	0.56	2173	21	0.06	42	0.19	29	<2	28	27	<5	<3	462
L400 150E	<0.1	6.07	<3	299	<3	0.56	5.7	46	54	51	9.40	0.20	0.40	742	25	0.06	26	0.07	47	3	39	36	<5	<3	285
L400 175E	<0.1	6.36	<3	241	<3	0.46	3.0	45	53	50	7.22	0.16	0.60	616	26	0.06	46	0.04	32	<2	31	28	<5	<3	321
L400 200E	0.1	4.40	<3	380	<3	2.63	3.3	36	72	75	5.94	0.29	0.64	995	21	0.07	35	0.08	29	3	22	97	<5	<3	513
L400 225E	<0.1	6.94	<3	170	<3	0.42	5.0	51	55	48	8.14	0.17	0.45	643	24	0.06	33	0.10	30	<2	36	28	<5	<3	458
L400 250E	0.1	6.80	<3	359	<3	1.40	5.4	50	55	60	6.80	0.25	0.74	1271	24	0.07	41	0.07	24	<2	34	67	<5	<3	292
L400 275E	0.2	6.07	<3	506	<3	1.54	11.9	47	47	85	6.07	0.25	0.60	5625	23	0.07	60	0.08	20	<2	29	78	<5	<3	370
L400 300E	<0.1	7.01	<3	220	<3	0.35	5.8	37	49	35	6.98	0.15	0.49	712	24	0.05	37	0.17	22	<2	31	26	<5	<3	452
L400 325E	<0.1	1.32	<3	170	<3	0.38	2.2	18	25	28	3.65	0.08	0.15	1344	8	0.03	9	0.28	28	<2	13	31	<5	<3	121
L400 350E	<0.1	6.66	<3	159	<3	0.36	2.8	53	49	43	7.26	0.14	0.44	1039	25	0.05	23	0.31	31	<2	35	29	<5	<3	246
L400 375E	<0.1	4.12	<3	288	<3	0.21	2.9	26	35	43	5.30	0.11	0.64	730	17	0.04	36	0.10	19	<2	18	19	<5	<3	299
L400 400E	<0.1	5.33	<3	284	<3	0.39	3.4	43	40	50	6.25	0.14	0.55	1747	20	0.06	24	0.14	26	<2	28	35	<5	<3	175
L400 425E	0.2	9.98	<3	335	<3	0.28	4.1	73	59	76	8.81	0.19	0.64	940	29	0.09	53	0.26	18	<2	45	22	<5	<3	389
L400 450E	<0.1	6.99	<3	319	<3	0.45	5.4	49	49	48	7.65	0.17	0.55	1103	24	0.06	31	0.26	25	<2	36	33	<5	<3	315
L400 475E	<0.1	7.68	<3	280	<3	0.35	2.4	56	55	56	8.02	0.16	0.61	1025	27	0.06	37	0.15	28	<2	40	33	<5	<3	171
L400 500E	<0.1	8.62	<3	318	<3	0.32	4.0	57	60	55	8.19	0.17	0.69	745	27	0.06	33	0.26	21	<2	41	26	<5	<3	333
L400 525E	<0.1	6.84	<3	607	<3	0.36	5.2	48	53	49	7.85	0.15	0.53	784	24	0.06	42	0.26	32	<2	35	26	<5	<3	365
L400 550E	<0.1	3.14	<3	366	<3	0.31	3.2	31	44	44	7.29	0.13	0.29	556	16	0.04	17	0.27	43	6	25	27	<5	<3	162
L400 575E	<0.1	6.15	<3	725	<3	0.60	2.7	47	51	48	7.13	0.17	0.71	1002	22	0.05	34	0.19	24	<2	32	46	<5	<3	192
L400 600E	<0.1	4.82	<3	777	<3	0.40	3.1	36	40	48	6.40	0.14	0.55	790	18	0.04	35	0.16	18	<2	24	32	<5	<3	191
L400 625E	<0.1	4.16	<3	515	<3	0.26	2.3	31	39	44	5.87	0.12	0.62	779	16	0.04	35	0.12	21	<2	21	20	<5	<3	216
L400 650E	<0.1	3.91	<3	706	<3	0.28	2.4	30	36	38	5.93	0.11	0.46	766	17	0.03	29	0.09	26	3	20	23	<5	<3	179
L400 675E	<0.1	3.87	<3	542	<3	0.26	2.1	28	32	66	5.73	0.12	0.44	629	15	0.03	30	0.06	16	5	17	20	<5	<3	137
L400 700E	<0.1	3.54	<3	627	<3	0.93	2.6	26	35	68	5.37	0.18	0.51	1374	14	0.04	30	0.09	57	<2	18	39	<5	<3	195
L400 725E	<0.1	3.50	<3	424	<3	0.37	2.8	31	31	53	6.51	0.14	0.41	3991	16	0.04	24	0.17	43	17	17	26	<5	<3	194
L400 750E	0.2	8.95	<3	272	<3	0.36	4.4	58	55	58	8.85	0.18	0.61	720	30	0.06	37	0.12	24	<2	43	27	<5	<3	254
L400 775E	<0.1	5.10	<3	287	<3	0.60	2.6	32	40	46	6.05	0.16	0.55	572	19	0.04	34	0.09	25	<2	24	46	<5	<3	185
L400 800E	<0.1	5.37	<3	566	<3	0.56	2.6	37	44	42	7.18	0.17	0.53	1275	20	0.05	30	0.10	35	<2	28	41	<5	<3	214
L400 825E	<0.1	2.92	<3	223	<3	0.16	1.8	18	32	35	5.43	0.09	0.24	353	13	0.03	12	0.10	33	<2	17	15	<5	<3	170
L450 000E	<0.1	5.12	<3	287	<3	0.63	4.1	37	48	55	7.89	0.19	0.50	534	20	0.05	25	0.05	41	<2	30	40	<5	<3	348
L450 025E	<0.1	4.14	<3	178	<3	0.31	2.9	35	44	44	6.41	0.13	0.63	872	17	0.05	35	0.13	26	<2	23	22	<5	<3	323
L450 050E	<0.1	3.66	<3	338	<3	0.72	2.9	38	41	54	6.27	0.17	0.50	2697	15	0.05	21	0.25	39	<2	22	47	<5	<3	366
L450 075E	<0.1	4.62	<3	194	<3	0.24	2.1	29	44	39	6.04	0.11	0.48	319	17	0.04	31	0.12	32	<2	25	18	<5	<3	251
L450 100E	<0.1	6.98	<3	191	<3	0.37	1.9	48	51	59	7.65	0.15	0.75	1220	25	0.05	47	0.18	27	<2	33	25	<5	<3	337
L450 125E	<0.1	7.44	<3	152	<3	0.41	4.0	57	51	55	8.37	0.17	0.60	890	26	0.06	27	0.36	29	<2	39	31	<5	<3	415
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested

1630 Pandora St[illegible] Vancouver[illegible] V5[illegible]
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ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST:

REPORT #: 900334 PA | PAMICON DEVELOPMENT LTD. | PROJECT: GLENDALE | DATE IN: AUG 29 1990 | DATE OUT: OCT 1 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
L450 150E	0.2	5.16	<3	229	<3	0.39	3.9	52	382	45	7.01	0.22	0.60	967	362	0.06	1543	0.10	<2	<2	31	22	<5	<3	328
L450 175E	<0.1	3.11	<3	325	<3	0.59	3.8	30	32	65	5.29	0.18	1.11	5281	20	0.04	37	0.10	<2	<2	12	24	<5	<3	248
L450 200E	<0.1	4.90	<3	225	<3	0.42	4.0	39	50	51	6.83	0.21	0.69	1026	19	0.04	39	0.10	<2	<2	22	19	<5	<3	400
L450 225E	<0.1	4.72	<3	249	<3	1.89	4.7	44	53	57	6.47	0.29	0.55	3698	19	0.06	43	0.06	<2	<2	24	86	<5	<3	392
L450 250E	<0.1	2.71	<3	428	<3	1.75	3.7	32	26	60	3.80	0.20	0.79	4369	15	0.09	25	0.15	<2	<2	16	119	<5	<3	253
L450 275E	<0.1	3.85	<3	375	<3	0.67	3.8	35	43	79	6.89	0.22	1.28	1983	15	0.05	30	0.07	<2	<2	16	40	<5	<3	382
L450 300E	<0.1	4.17	<3	474	<3	0.32	3.4	48	48	151	9.37	0.25	0.61	1497	19	0.04	34	0.04	<2	<2	17	15	<5	<3	349
L450 325E	<0.1	3.47	<3	317	<3	0.23	3.5	42	46	54	6.60	0.17	0.47	2735	14	0.04	29	0.06	<2	<2	20	14	<5	<3	382
L450 350E	<0.1	2.42	<3	235	<3	0.45	2.1	25	35	38	6.55	0.19	0.59	1434	14	0.03	21	0.07	18	<2	13	30	<5	<3	209
L450 375E	<0.1	3.22	<3	307	<3	0.57	3.1	24	33	108	6.29	0.21	1.48	1330	14	0.03	21	0.07	<2	<2	9	28	<5	<3	152
L450 400E	<0.1	4.22	<3	137	<3	0.54	3.0	33	34	77	6.64	0.22	1.38	1659	13	0.05	26	0.06	<2	<2	15	35	<5	<3	229
L450 425E	<0.1	3.45	<3	426	<3	1.14	3.3	41	38	71	5.90	0.24	0.72	3861	14	0.06	35	0.11	<2	<2	20	77	<5	<3	367
L450 450E	<0.1	3.23	<3	138	<3	0.78	3.9	32	38	89	6.17	0.21	1.29	2132	15	0.05	27	0.08	<2	<2	14	40	<5	<3	257
L450 475E	<0.1	3.45	<3	161	<3	0.91	3.0	38	40	81	5.06	0.20	0.63	3138	14	0.04	33	0.11	<2	<2	19	66	<5	<3	208
L450 500E	<0.1	4.38	<3	165	<3	0.48	2.5	42	49	33	6.00	0.19	0.50	1433	14	0.04	39	0.06	<2	<2	23	29	<5	<3	323
L500 000E	0.2	8.74	<3	168	<3	0.47	4.7	66	61	37	8.42	0.30	0.75	785	20	0.06	40	0.03	<2	<2	39	24	<5	<3	344
L500 025E	<0.1	1.38	<3	211	<3	4.59	1.0	11	56	28	1.40	0.19	0.26	714	10	0.02	19	0.13	<2	<2	11	174	<5	<3	84
L500 050E	<0.1	4.14	<3	61	<3	2.74	3.1	34	50	29	5.37	0.29	1.88	379	18	0.05	60	0.03	<2	<2	20	77	<5	<3	140
L500 075E	<0.1	3.72	<3	53	<3	0.80	2.1	43	48	23	5.55	0.19	0.63	341	17	0.04	24	0.05	<2	<2	30	36	<5	<3	183
L500 100E	<0.1	4.38	<3	177	<3	0.38	3.6	39	52	31	6.34	0.18	0.81	627	16	0.04	54	0.11	<2	<2	22	17	<5	<3	318
L500 125E	0.1	9.14	<3	90	<3	0.54	4.7	56	56	30	8.14	0.29	0.52	581	22	0.06	25	0.08	<2	<2	43	33	<5	<3	140
L500 150E	<0.1	4.45	<3	76	<3	0.67	4.7	63	72	37	7.99	0.26	1.85	1631	17	0.05	50	0.10	<2	<2	29	24	<5	<3	237
L500 175E	0.2	>10.00	<3	94	<3	0.46	6.9	74	58	24	8.97	0.34	0.75	777	21	0.07	36	0.14	<2	<2	46	26	<5	<3	368
L500 200E	<0.1	5.17	<3	192	<3	1.21	7.7	61	62	45	7.70	0.30	0.82	2508	18	0.06	50	0.08	<2	<2	31	53	<5	<3	432
L500 225E	<0.1	9.75	<3	129	<3	0.53	5.5	55	60	28	8.89	0.30	0.50	723	26	0.06	28	0.08	<2	<2	40	28	<5	<3	411
L500 250E	<0.1	8.25	<3	210	<3	0.53	7.0	76	60	34	9.13	0.33	0.64	1342	21	0.07	37	0.07	<2	<2	42	34	<5	<3	486
L500 275E	<0.1	6.30	<3	163	<3	0.59	3.5	57	54	24	7.50	0.27	0.48	977	21	0.05	31	0.04	<2	<2	36	34	<5	<3	331
L500 300E	0.2	6.16	<3	153	<3	0.57	3.1	64	51	25	7.75	0.25	0.71	1698	17	0.07	34	0.13	<2	<2	36	44	<5	<3	436
L500 325E	0.2	2.56	<3	230	<3	0.63	6.3	24	32	25	4.78	0.16	0.39	2190	11	0.05	60	0.06	187	<2	12	40	<5	<3	944
L500 350E	<0.1	3.24	<3	408	<3	0.65	3.3	37	37	82	5.80	0.19	0.64	2327	14	0.04	21	0.08	<2	<2	16	27	<5	<3	531
L500 375E	<0.1	3.69	<3	157	<3	0.46	3.0	44	36	110	6.19	0.18	0.89	3327	18	0.04	27	0.08	<2	<2	18	25	<5	<3	340
L500 400E	<0.1	4.75	<3	142	<3	0.38	2.7	48	43	129	6.95	0.22	0.88	2114	16	0.04	31	0.05	<2	<2	20	21	<5	<3	388
L500 425E	<0.1	4.91	<3	184	<3	0.51	3.2	57	53	37	7.44	0.23	0.59	1591	16	0.05	40	0.07	<2	<2	32	33	<5	<3	406
L500 450E	<0.1	2.82	<3	231	<3	0.38	1.4	48	38	23	6.08	0.18	0.40	1863	8	0.05	26	0.08	<2	<2	26	35	<5	<3	434
L500 475E	<0.1	7.66	<3	253	<3	0.35	2.1	53	58	38	7.69	0.24	0.69	833	21	0.04	42	0.11	<2	<2	33	24	<5	<3	210
L500 500E	<0.1	2.14	<3	116	<3	0.32	1.6	32	35	16	5.46	0.13	0.23	839	12	0.03	9	0.06	<2	<2	20	26	<5	<3	183
L500 525E	<0.1	>10.00	<3	98	<3	0.44	2.1	67	67	51	8.47	0.31	0.76	759	23	0.06	31	0.06	<2	<2	46	21	<5	<3	323
L500 550E	<0.1	3.41	<3	46	<3	0.21	4.9	42	31	170	>10.00	0.29	1.38	2353	23	0.04	16	0.05	361	7	13	10	<5	<3	575
L500 575E	<0.1	5.71	<3	127	<3	0.59	2.3	49	49	26	6.88	0.23	0.62	1218	20	0.05	30	0.15	<2	<2	33	30	<5	<3	340
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

VANGEOCHEM LAB LIMITED
1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: _____

REPORT #: 900334 PA | PAMICON DEVELOPMENT LTD. | PROJECT: GLENDALE | DATE IN: AUG 29 1990 | DATE OUT: OCT 1 1990 | ATTENTION: MR. STEVE TODORUK | PAGE 3 OF 3

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L400 050E	0.2	7.06	<3	231	<3	0.25	1.0	42	51	44	6.47	0.19	0.53	540	17	0.04	34	0.16	<2	<2	27	15	<5	<3	198
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

1630 PANDORA STREET
VANCOUVER, BC V5L 1L6
(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1988 TRIUMPH ST.~~
~~VANCOUVER, B.C. V5L 1K5~~
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900160 GA JOB NUMBER: 900160 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
L900 000S	nd
L900 025S	nd
L900 050S	nd
L900 075S	nd
L900 100S	nd
L900 125S	nd
L900 150S	nd
L900 175S	nd
L900 200S	nd
L900 225S	nd
L900 250S	nd
L900 275S	nd
L900 300S	nd
L900 325S	nd
L900 350S	nd
L900 375S	nd
L900 400S	nd
L900 425S	nd
L900 450S	nd
L900 475S	nd
L900 500S	nd
L900 525S	nd
L900 550S	nd
L900 575S	nd
L900 600S	nd
L900 625S	nd
L900 650S	nd
L900 675S	nd
L900 700S	nd
L900 725S	nd
L900 750S	nd
L950 000N	nd
L950 025N	nd
L950 050N	nd
L950 075N	nd
L950 100N	nd
L950 125N	nd
L950 150N	nd
L950 175N	nd
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

1630 PANDORA STREET
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VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

SAMPLE #	Au ppb
L950 200N	nd
L950 225N	nd
L950 250N	20
L950 275N	nd
L950 300N	nd
L950 325N	nd
L950 350N	nd
L950 375N	nd
L950 400N	nd
L950 425N	nd
L950 450N	nd
L950 475N	nd
L950 500N	nd
L950 525N	nd
L950 550N	nd
L950 575N	nd
L950 600N	20
L950 625N	20
L950 650N	nd
L950 675N	nd
L950 700N	40
L950 725N	20
L950 750N	nd
L950 775N	nd
L950 825N	40
L950 850N	nd
L950 875N	nd
L950 900N	nd
L950 925N	nd
L950 950N	20
L950 975N	20
L950 1000N	nd
L950 1025N	nd
L950 1050N	nd

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

1630 Pandora Street, Vancouver V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *Reynold*

REPORT #: 900160 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: GLENDALE/ERNIE | DATE IN: JULY 30 1990 | DATE OUT: AUG 23 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L900 000S	0.1	2.14	<3	89	43	0.50	5.3	27	49	119	3.53	0.79	0.36	315	16	0.02	58	0.12	77	86	20	34	<5	<3	82
L900 025S	0.6	5.49	<3	50	<3	0.47	5.6	101	40	97	5.74	1.18	0.27	1773	18	0.02	39	0.19	121	151	20	26	<5	<3	82
L900 050S	0.2	3.57	<3	56	<3	1.07	9.5	42	54	173	6.34	1.45	0.55	1418	19	0.03	42	0.18	110	147	33	40	<5	<3	119
L900 075S	<0.1	2.66	<3	87	<3	0.72	10.1	46	74	180	7.91	0.91	0.42	1095	14	0.04	55	0.14	76	91	34	33	<5	<3	137
L900 100S	<0.1	>10.00	<3	49	<3	0.50	6.5	49	44	194	8.77	0.24	0.75	1039	12	0.03	40	0.15	149	206	41	30	<5	<3	59
L900 125S	<0.1	>10.00	<3	19	<3	0.32	6.9	39	42	195	8.52	0.37	0.53	291	12	0.03	39	0.16	154	215	40	17	<5	<3	62
L900 150S	0.1	7.97	<3	97	<3	1.04	10.0	85	63	245	>10.00	0.75	0.48	2970	15	0.05	56	0.23	136	186	44	49	<5	<3	185
L900 175S	<0.1	6.28	<3	44	<3	0.24	3.9	43	43	169	6.91	0.85	0.48	664	14	0.03	42	0.12	123	163	31	17	<5	<3	86
L900 200S	0.1	5.46	<3	96	<3	0.36	7.8	38	62	180	7.45	1.10	0.39	478	17	0.03	53	0.15	111	142	36	23	<5	<3	100
L900 225S	0.1	9.24	<3	54	<3	0.39	4.5	37	77	170	8.64	0.24	0.80	490	30	0.04	124	0.12	125	171	39	17	<5	<3	78
L900 250S	<0.1	2.34	<3	71	<3	0.54	3.6	30	66	143	6.22	0.33	0.54	1151	8	0.03	42	0.21	44	36	24	22	<5	<3	119
L900 275S	0.1	6.04	<3	58	<3	2.63	11.1	93	176	183	>10.00	0.21	4.19	4411	12	0.07	147	0.14	73	120	33	31	<5	<3	172
L900 300S	0.1	6.09	<3	54	<3	0.64	13.8	86	133	165	>10.00	0.64	2.39	3098	18	0.06	112	0.18	117	177	34	18	<5	<3	158
L900 325S	0.2	>10.00	<3	26	<3	0.39	9.3	56	58	257	>10.00	0.96	0.81	855	22	0.04	45	0.24	196	279	51	24	<5	<3	56
L900 350S	0.6	4.96	<3	48	<3	0.29	9.3	60	62	330	>10.00	<0.01	0.68	675	16	0.05	48	0.16	89	122	58	20	<5	<3	71
L900 375S	0.2	2.14	<3	94	<3	0.80	1.3	22	55	89	4.07	0.12	0.49	1493	4	0.02	38	0.17	23	<2	12	38	<5	<3	86
L900 400S	0.1	8.65	39	55	<3	0.18	6.3	35	100	191	>10.00	0.03	0.40	295	13	0.04	24	0.12	130	176	41	12	<5	<3	68
L900 425S	0.1	4.92	<3	83	<3	0.17	5.8	25	72	129	9.72	0.70	0.43	344	17	0.04	35	0.15	97	126	28	10	<5	<3	115
L900 450S	0.1	4.32	<3	87	<3	0.09	6.7	26	52	126	9.14	0.75	0.43	536	15	0.04	32	0.09	96	138	29	12	<5	<3	134
L900 475S	0.1	6.13	<3	104	<3	0.11	4.5	15	45	70	6.30	<0.01	0.58	486	8	0.05	36	0.08	77	101	20	8	<5	<3	228
L900 500S	0.6	6.52	<3	64	<3	0.12	7.5	29	53	168	9.75	0.45	0.25	261	17	0.04	55	0.11	140	171	36	5	<5	<3	120
L900 525S	0.1	>10.00	<3	28	<3	0.26	4.2	59	49	197	8.47	0.98	0.91	2065	18	0.03	36	0.33	232	327	44	17	<5	<3	55
L900 550S	0.4	7.53	<3	68	<3	0.16	8.9	27	57	122	6.80	0.62	0.88	370	14	0.04	55	0.11	131	169	30	9	<5	<3	147
L900 575S	0.3	7.08	<3	107	<3	0.10	4.1	34	68	168	9.89	0.02	0.48	682	11	0.05	36	0.11	108	134	34	7	<5	<3	163
L900 600S	0.1	6.38	<3	73	<3	0.30	13.3	64	78	323	>10.00	<0.01	0.55	1162	18	0.05	33	0.16	121	176	61	19	<5	<3	67
L900 625S	<0.1	5.77	4	115	<3	0.13	5.7	30	73	115	8.01	0.49	0.85	471	14	0.05	51	0.09	109	135	26	7	<5	<3	212
L900 650S	0.4	3.56	17	98	<3	0.39	9.0	42	86	146	>10.00	0.83	0.58	1915	19	0.04	43	0.23	105	141	29	16	<5	<3	88
L900 675S	<0.1	5.02	<3	89	<3	2.02	6.4	76	146	162	>10.00	0.60	3.06	4099	13	0.06	93	0.19	95	129	39	20	<5	<3	153
L900 700S	<0.1	8.40	<3	122	<3	0.28	2.7	32	56	184	9.85	<0.01	0.40	386	11	0.04	27	0.13	128	177	41	16	<5	<3	86
L900 725S	<0.1	3.97	7	71	<3	0.79	7.1	50	110	155	>10.00	<0.01	1.07	1681	11	0.05	58	0.21	71	92	30	17	<5	<3	133
L900 750S	<0.1	3.88	<3	66	<3	0.51	6.1	50	83	181	9.79	0.51	0.82	792	15	0.04	52	0.12	89	113	37	18	<5	<3	125
L950 000S	<0.1	3.15	4	70	<3	0.12	5.2	31	70	152	8.27	0.85	0.29	223	15	0.03	28	0.06	98	141	34	8	<5	<3	81
L950 025S	0.2	2.68	8	69	<3	0.22	4.8	29	64	145	7.03	0.94	0.30	345	13	0.03	24	0.10	90	105	31	10	<5	<3	74
L950 050S	<0.1	6.11	<3	23	<3	0.06	8.8	42	59	268	>10.00	<0.01	0.29	232	16	0.05	24	0.11	112	175	59	3	<5	<3	67
L950 075S	<0.1	2.86	<3	56	<3	0.23	<0.1	20	68	104	5.96	<0.01	0.66	334	5	0.03	37	0.10	51	50	21	9	<5	<3	101
L950 100S	0.1	3.52	<3	51	<3	0.10	3.8	22	64	117	8.59	0.06	0.50	286	11	0.04	27	0.14	67	87	26	6	<5	<3	100
L950 125S	<0.1	>10.00	<3	34	<3	0.09	4.6	30	54	171	9.23	0.59	0.34	100	15	0.03	24	0.10	174	255	38	8	<5	<3	58
L950 150S	<0.1	2.80	<3	80	<3	0.92	4.3	41	69	108	6.55	0.80	1.20	1061	9	0.03	46	0.15	59	76	30	49	<5	<3	110
L950 175S	<0.1	4.32	<3	70	<3	0.28	2.3	39	48	193	>10.00	<0.01	0.23	769	11	0.05	22	0.11	72	88	41	13	<5	<3	119
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

(- Less Than Minimum) - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

[redacted] LABORATORIES LTD.
1630 Pandora Street, Vancouver, [redacted] V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: [signature]

REPORT #: 900180 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: GLENDALE/ERNIE | DATE IN: JULY 30 1990 | DATE OUT: AUG 24 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L950 200N	0.3	2.33	56	87	<3	0.39	17.3	56	65	305	>10.00	0.23	0.17	251	35	0.04	67	0.09	142	109	53	22	<5	<3	110
L950 225N	<0.1	4.27	31	52	<3	0.11	8.8	32	58	135	8.13	0.23	0.50	276	27	0.03	28	0.07	128	91	33	8	<5	<3	105
L950 250N	0.2	7.16	<3	39	79	0.13	6.5	35	54	234	>10.00	0.09	0.40	264	19	0.04	14	0.10	108	83	45	9	<5	<3	77
L950 275N	0.1	3.91	<3	74	<3	0.47	6.7	22	51	127	8.35	0.01	0.51	166	8	0.04	30	0.10	36	19	22	15	<5	<3	55
L950 300N	0.6	5.02	<3	88	<3	0.25	2.4	52	60	311	>10.00	0.06	0.34	371	14	0.05	12	0.06	89	49	45	13	<5	<3	102
L950 325N	0.9	8.95	<3	47	<3	0.22	9.2	39	47	212	9.93	0.17	0.34	223	23	0.03	24	0.14	156	110	43	16	<5	<3	65
L950 350N	0.5	7.36	<3	48	<3	0.20	12.1	48	141	280	>10.00	0.23	0.35	255	99	0.04	440	0.15	157	127	48	11	<5	<3	83
L950 375N	0.3	4.59	<3	44	24	0.11	0.6	16	40	91	6.66	0.02	0.45	352	11	0.04	48	0.08	60	<2	20	5	<5	<3	114
L950 400N	<0.1	5.51	<3	35	<3	0.11	3.5	15	39	112	8.83	0.03	0.32	289	9	0.04	4	0.10	31	3	22	5	<5	<3	67
L950 425N	0.2	6.32	<3	32	<3	0.14	1.6	26	70	178	9.75	0.08	0.35	588	12	0.04	16	0.12	74	33	26	7	<5	<3	65
L950 450N	0.1	7.39	<3	31	<3	0.20	0.9	67	39	162	7.14	0.11	0.46	1629	13	0.03	20	0.15	102	57	31	16	<5	<3	60
L950 475N	<0.1	5.43	15	83	<3	0.15	3.3	23	41	106	5.01	0.21	0.60	340	20	0.02	27	0.11	95	54	21	13	<5	<3	121
L950 500N	<0.1	3.63	<3	75	<3	0.18	5.0	26	46	155	8.36	0.15	0.30	204	17	0.03	13	0.10	70	23	31	18	<5	<3	85
L950 525N	<0.1	4.31	<3	35	<3	0.10	<0.1	7	31	81	4.84	0.01	0.45	243	1	0.03	17	0.07	6	<2	14	6	<5	<3	89
L950 550N	0.1	2.33	<3	70	<3	0.20	<0.1	22	25	199	4.31	0.03	0.15	107	1	0.02	<1	0.07	4	<2	29	24	<5	<3	81
L950 575N	<0.1	4.26	<3	41	<3	0.17	6.3	35	57	247	>10.00	0.09	0.19	148	13	0.05	15	0.07	61	20	41	14	<5	<3	71
L950 600N	<0.1	6.95	<3	32	<3	0.09	4.1	25	36	168	7.86	0.19	0.17	147	15	0.02	13	0.13	105	59	32	9	<5	<3	53
L950 625N	0.2	7.44	12	47	<3	0.09	5.1	18	32	143	7.82	0.11	0.19	140	9	0.03	11	0.09	81	36	26	8	6	<3	58
L950 650N	0.1	7.15	<3	42	<3	0.15	<0.1	14	34	118	8.46	0.04	0.34	216	8	0.04	4	0.08	59	<2	28	10	<5	<3	61
L950 675N	<0.1	2.76	<3	69	<3	0.50	1.3	29	63	151	5.77	0.08	0.60	485	6	0.03	29	0.12	31	<2	23	14	<5	<3	90
L950 700N	<0.1	7.10	10	47	<3	0.26	8.8	23	56	123	7.05	0.24	0.44	236	27	0.02	69	0.16	138	90	26	13	<5	<3	91
L950 725N	0.2	3.97	<3	62	<3	0.19	6.2	24	63	114	8.29	0.22	0.56	398	16	0.03	25	0.07	71	37	25	12	<5	<3	109
L950 750N	0.2	5.34	<3	52	<3	0.13	4.6	40	64	287	>10.00	0.12	0.19	191	13	0.04	14	0.09	73	34	51	10	<5	<3	81
L950 775N	<0.1	3.29	<3	61	<3	0.37	2.4	36	43	218	7.65	0.10	0.42	761	7	0.03	14	0.13	36	2	35	26	<5	<3	100
L950 800N	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
L950 825N	0.2	4.49	26	58	<3	0.29	8.4	35	68	205	9.00	0.21	0.45	387	26	0.04	77	0.12	111	56	36	15	<5	<3	128
L950 850N	0.5	2.99	13	49	<3	0.20	2.1	22	38	114	5.95	0.19	0.47	359	13	0.03	32	0.10	61	16	28	13	<5	<3	101
L950 875N	0.3	4.38	<3	37	<3	0.28	<0.1	7	60	95	7.66	<0.01	0.24	859	<1	0.04	14	0.42	<2	<2	18	8	<5	<3	66
L950 900N	0.5	3.50	<3	47	<3	0.21	6.5	30	78	227	>10.00	<0.01	0.46	907	7	0.06	24	0.21	<2	<2	34	10	5	<3	96
L950 925N	0.1	3.85	32	46	<3	0.09	1.6	20	54	142	9.78	0.01	0.44	959	8	0.04	28	0.13	32	<2	22	7	<5	<3	92
L950 950N	0.4	4.90	<3	21	<3	0.26	<0.1	26	39	160	7.91	0.06	0.44	587	6	0.03	15	0.13	35	<2	25	19	<5	<3	63
L950 975N	0.3	2.61	12	71	<3	0.40	<0.1	35	49	92	4.85	0.11	0.65	2092	6	0.03	22	0.14	21	<2	13	16	5	<3	85
L950 1000N	0.3	3.60	<3	58	<3	0.28	7.6	37	76	239	>10.00	0.10	0.50	412	15	0.05	26	0.13	53	9	42	18	<5	<3	127
L950 1025N	0.2	3.21	<3	30	<3	2.06	<0.1	25	81	94	5.75	<0.01	1.87	1492	<1	0.05	53	0.10	<2	<2	10	34	<5	<3	89
L950 1050N	0.1	1.58	<3	11	<3	1.01	<0.1	<1	40	38	3.08	<0.01	0.90	458	<1	0.03	6	0.04	<2	<2	4	9	<5	<3	39
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

APPENDIX V

SAMPLING REPORTS

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler J. ELMORE / P. HOFFMAN
Date SEPT 11/90
Project
Property GLENDALE / Best Bet
NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS
				Colour	Texture	Drainage				Au ppb
L550	000	25	B	RED BR	FINE		40	UNDERBRUSH TREES		10
"	025 S	35	A-B	DARK BR	MED		55	"		5
"	050	35	B	LT BR	FINE		55	"		5
"	075	30	B	GREY BR	"		20	"	LINE WENT UP TO AVOID CLIFF -30 FT	nd
"	100 S	30	B	"	"		15	"		nd
"	125	25	B	LT BR	COARSE		55	"		5
"	150	40	B	DARK BR	"		30	"		5
"	175	20	B	LT BR	"		25	"		10
"	200 S	30	B	"	"		30	"		15
"	225	35	B	RED BR	"		20	"		5
"	250	35	B	"	FINE		20	"		15
"	275	20	B	ORANGE BR	"		20	"		15
"	300 S	30	B	"	"		30	"		5
"	325	25	B	ORANGE	"		20	"		5
"	350	25	B	ORANGE BR	FINE		15	"		15
"	375	30	B	"	"		30	"		10
"	400 S	30	B	LT BR	"		5	"	SAMPLE TAKEN BESIDE LARGE CREEK	nd
"	425	25	B	ORANGE BR	"		20	"		nd
"	450 S	25	B	"	FINE		25	"		10

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler J. ELMORE / P. HOFFMAN
Date SEPT 11/90
Project
Property GLENDALE
NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS
				Colour	Texture	Drainage				Au ppb
L 550	475	35	B	ORANGE BR	FINE		30	UNDERBRUSH TREES		15
"	500 S	NO SAMPLE					25	"	BOULDER FIELD	
"	525	NO SAMPLE					25	"	" "	
"	550	30	A-B	BLACK	FINE		35	"		nd
"	575	35	B	ORANGE BR	COARSE		45	"		15
"	600 S	35	B	BR	"		50	"		nd
"	625	35	B	"	"		45	"		nd
"	650	30	B	ORANGE BR	MED		20	"		10
"	675	NO SAMPLE					20	"	CREEK-LARGE	
"	700 S	35	B	BLACK	FINE		5	"		nd
"	725	40	B	ORANGE BR	"		2	"		nd
"	750	35	B	ORANGE	"		10	"		nd
"	775	NO SAMPLE					45	"	ROCKS	
"	800 S	35	B	BR	COARSE		75	"		5
"	825	35	B	ORANGE BR	FINE		55	"		nd
"	850	30	B	"	COARSE		35	"		nd
"	875	25	A-B	GREY BR	FINE		15	"		15
"	900 S	30	B	ORANGE BR	"		<5	"		5
"	925	40	B	BR	"		<5	"		10

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler J. ELMORE / P. HOFFMAN
Date SEPT 11/90
Project
Property GLENDALE
NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au PPB					
L550	950 S	20	B	ORANGE	FINE	[redacted]	<5	UNDERBRUSH TREES		nd					
"	975	25	B	"	"	[redacted]	<5	"		nd					
"	1000 S	35	A-B	BLACK	"	[redacted]	10	"		10					

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler E.G. Munroe G. Douglas Project _____ NTS _____

Date Sept 11/90 Property Glendale Best Bet Location Ref _____ Air Photo No _____

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS
				Colour	Texture	Drainage				Au ppb
00S	L600	25cm	B	DB	Rocky	DRY	45°	forest	- Dropped off by	nd
25	"	20	B	OB	COARSE		"	"	lake, North West	5
50	"	20	B	RB	fine		35°	"	corner of property	5
75	"	25	B	OB	Rocky		40°	"	455m elev. climbed	nd
100	"	30	B	DB	"		45°	"	directly EAST to	10
125	"	35	B	DB	"		50°	"	elev. of 600m.	nd
150	"	35	B	OB	COARSE		40°	"	- started Line South	nd
175	"	15	B	OB	Rocky		"	"	from 00S	20
200	"	35	B	RB	Fine		30°	"		nd
225	"	25	B	RB	"		"	"	-275 South	10
250	"	30	B	OB	"		"	"	came to stream	nd
275	"	25	B	LB	Rocky		20°	"		10
300	"	25	B	GB	Fine		15°	"		nd
325	"	35	B	RB	"		10°	"	-350S sampled	5
350	"	15	B	OB	"		"	"	At tree stump	10
375	"	10	B	RB	Rocky		"	"	-375S sampled	10
400	"	25	B	DB	Fine		25°	"	At tree stump.	nd
425	"	10	B	RB	Rocky		40°	"		10
450	"	35	B	RB	Rocky		45°	"		nd

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler E.G. Munroe G. Douglas Project _____ NTS _____

Date Sept 11/90 Property Glendale Location Ref _____ Air Photo No _____

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS
				Colour	Texture	Drainage				Au ppb
475 S	L600	15m	B	RB	Fine	DRY	45°	forest	- sampled in	nd
500	"	15	B	RB	"	"	"	"	up turned stump.	nd
525	"	10	B	GB	Rocky	"	35°	"		nd
550	"	20	B	OB	Fine	"	15°	"	- Very steep shit	15
575	"	35	B	RB	Rocky	"	40°	"		15
600	"	20	B	LB	COARSE	"	"	"		nd
625	"	20	B	GB	Fine	"	35°	"		20
650	"	20	B	OB	"	"	"	"		10
675	"	30	B	DB	Rocky	"	45°	"		15
700	"	30	B	RB	COARSE	"	50°	"		nd
725	"	35	B	OB	Rocky	"	55°	"		nd
750	"	15	B	RB	Rocky	"	60°	"		nd
775	"	15	B	OB	"	"	"	"	-Sampled At tree	15
800	"	35	B	LB	"	"	"	"	stump	5
825	"	30	B	OB	COARSE	"	45°	"		15
850	"	10	B	RB	Fine	"	"	"	- 850 S Sampled At	15
875	"	35	B	OB	Rocky	"	"	"	Tree stump 580m	15
900	"	25	B	OB	Fine	"	35°	"	elevation	5
END	"	X	X	X	X	X	X	X		

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler _____ Project Gleddle NTS _____

Date Aug 1/90 Property _____ Location Ref _____

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		ppb Au	ppm Cu	ppm Zn			
89351	950 m	sled grab		Argillite	carbonate + hematite			Nil	72	131			
89352	950 m	"		Argillite	" + <1% py			Nd	57	103			
89353	1000 m	"			calcite vein	1-2% hematite		Nd	73	72			

PRINTED IN CANADA

[redacted] DEVELOPMENTS LIMITED — Geochemical Data S[redacted]t - SOIL SAMPLING

Sampler: ERNIE MUNROE / RADAR
Date: ~~July~~ 2 AUG 18, 90
Project:
Property: GLENDALE
NTS:
Location Ref:
Air Photo No:

ERNIE - Ted - etc.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb	As ppm		Cu ppm	Pb ppm	Zn ppm
L400	00E	35	B	LBR	MED	dry	30°	Timb	OUTCROP	15	<0.1		34	33	125
"	25E	30	"	"	Rocky	"	25°	"		10	<0.1		49	16	207
"	50E	15	"	RBR	Fine	"	20°	"	OUTCROP	15	.2		44	<	198
"	75E	25	"	ORBR	Rocky	"	15°	"		nd	<0.1		61	22	160
"	100E	20	"	LBR	MED	"	20°	"		5	<0.1		39	43	230
"	125E	30	"	"	MED	"	"	"		10	<0.1		41	29	462
"	150E	25	"	DKBR	Fine	"	25°	"		nd	<0.1		51	47	285
"	175E	35	"	"	"	"	15°	"		25	<0.1		50	32	321
"	200E	30	"	MEDBR	"	"	10°	"	Possible Helipad area	10	0.1		75	29	513
"	225E	30	"	DKBR	"	"	"	"		15	<0.1		49	30	458
"	250E	30	"	RBR	"	"	0°	"		nd	0.1		60	24	282
"	275E	35	"	LBR	"	"	5°	"		10	0.2		65	20	370
"	300E	25	"	ORBR	"	"	"	"	--	5	<0.1		35	22	452
"	325E	30	BC	MEDBR	MED	"	10°	"		nd	<0.1		25	28	
"	350E	35	B	DKBR	Fine	"	5°	"		15	<0.1		43	31	246
"	375E	30	"	LBR	"	"	10°	"		5	<0.1		43	19	249
"	400E	10	"	ORBR	"	"	"	"	Upturned tree stump	25	<0.1		50	26	
"	425E	15	"	"	"	"	"	"		20	0.2		76	18	
"	450E	25	"	LBR	"	"	"	"		nd	<0.1		48	25	
V	475E	20	"	RBR	"	"	"	"		5	<0.1		56	28	

[redacted] DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: ERNIE MUNROE / RADAR Project: NTS:

Date: Aug 18, 90 Property: GLENDALE Location Ref: Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb	Ag ppm		Cu ppm	Pb ppm	Zn ppm
L400	500E	10	B	DkBr	Fine	dry	10°	timb		25	<		55	21	
	525E	20	"	LBr	"	"	5°	"		10	<		49	32	
	550E	25	"	DkBr	Med	"	15°	"		5	<		42	43	
	575E	15	"	LBr	"	"	1°	"		10	<		48	24	
	600E	25	"	DkBr	Coarse	"	20°	"		5	<		43	16	
	625E	20	"	"	Rocky	"	25°	"		5	<		44	35	
	650E	25	"	RBr	Med	"	30°	"		5	<			26	
	675E	30	"	MBr	Fine	"	30°	"		10	<			16	
	700E	30	"	DkBr	Med	"	40°	"		20	<			51	
	725E	25	"	"	Coarse	"	35°	"		5	<			43	
	750E	20	"	"	Fine	"	45°	"		10	.2			24	
	775E	25	"	"	"	"	40°	"		20	<			23	
	800E	20	BC	LBr	Coarse	"	45°	"		5	<			35	
	825E	25	"	DkBr	Fine	dry	45°	timb	END of line	10	<			33	

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[redacted] DEVELOPMENTS LIMITED

Geochemical Data S[redacted]t - SOIL SAMPLING

Sampler E.G. Manroe / G. Douglas
Date Aug 19/90

Project
Property GLENDALE

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz.	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	
00E	2500	10cm	B	OB	FINE	DRY	25°	PINE SPRUCE	- Area mostly made	20					
25E	"	40	A-C	BLACK	FINE		25	TAG	up of tightly knit	nd					
50E	"	35	B	MB	MED		0	ALDER	TREES 8-10 inches	10					
75E	"	20	B	OB	MED		5	DEVILS	APART	25					
100E	"	15	B	OB	COARSE		5	CLUB	- plenty of outcrop	nd					
125E	"	25	B	LB	FINE		5		- limestone	5					
150	"	20	B	LB	FINE		10			10					
175	"	25	B	OB	FINE		5			25					
200	"	20	B	OB	FINE		15			20					
225	"	25	B	OB	FINE		15			20					
250	"	30	B	OB	FINE		20			25					
275	"	25	B	OB	ROCKY		25			25					
300	"	25	B	LB	FINE		20			30					
325	"	25	B	LB	COARSE		25			5					
350	"	25	B	LB	COARSE		45			5					
375	"	25	B	GB	COARSE		45		TALUS SLOPE COVERED	10					
400	"	15	B	OB	COARSE		45		IN DIRT	10					
425	"	20	B	OB	FINE		45			15					
450	"	15	B	OB	FINE		35		POSSIBLE HELI PAD	10					
475	"	20	B	OB	FINE		0°			10					

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler E.G. Munroe J. Gordon Project

Date July 25/90 Property Glendale ERNIE - Ted

NTS

Location Ref

Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
00 S	L900	25cm	B	DB	FINE	DRY	25°	SUB ALPINE	started 900 m elev.	nd	0.1	119	77	82
25 S	"	45	B	RB	"	"	0°	TAG ALDER	60 m below chopper	nd	0.6	37	121	82
50 S	"	45	B	DB	"	"	20	Devils	pad	nd	0.2	173	110	119
75 S	"	35	B	DB	"	"	25	club	25 south sampled	nd	<0.1	130	75	137
100 S	"	30	B	DB	"	"	"		AT BASE of rock	nd	<0.1	194	143	59
125 S	"	25	B	OB	"	"	"		face.	nd	<0.1	135	154	62
150 S	"	40	B	RB	"	"	30			nd	0.1	245	136	105
175 S	"	30	B	RB	"	"	"		STEEP AREA	nd	<0.1	169	123	86
200 S	"	35	B	DB	"	"	"			nd	0.1	180	111	100
225 S	"	25	B	RB	"	"	20			nd	0.1	170	125	78
250	"	30	B	LB	COARSE	"	20			nd	<0.1	143	44	119
275	"	50	B	B	COARSE	"	35			nd	0.1	183	73	122
300	"	20	B	MB	COARSE	"	35			nd	0.1	165	117	158
325	"	40	B	RB	FINE	"	0		325 SOUTH Dropped	nd	0.2	252	196	56
350	"	40	B	OB	FINE	"	0		Down to 870 m elev.	nd	0.8	330	89	71
375	"	30	B	MB	COARSE	"	25		To A plateau.	nd	0.2	89	23	86
400	"	25	B	OB	FINE	"	25			nd	0.1	191	130	68
~~425~~	"													

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler E. Munro. J. Gordon

Date 06/07/90

Project Glendale.

Property

NTS

Location Ref

Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
425	L900	15	B	R	FN	Dry	10	Trees	Old Burn - Thick Bush	nd	0.1	129	97	115
450	"	25	"	RB	"	"	10	"	"	nd	0.1	126	96	134
475	"	20	"	YB	"	"	15	"	"	nd	0.1	70	77	228
500	"	25	"	RB	"	"	20	"	"	nd	0.6	168	140	120
525	"	25	"	O	"	"	20	"	"	nd	0.1	197	232	56
550	"	30	"	MB	"	"	20	"	"	nd	0.4	122	131	147
575	"	20	"	OB	"	"	20	"	"	nd	0.3	168	108	163
600	"	25	"	OB	"	"	25	"	"	nd	0.1	223	121	67
625	"	25	"	RB	"	"	25	"	"	nd	<0.1	115	109	212
650	"	20	"	RB	CS	"	25	"	"	nd	0.4	146	105	88
675	"	20	"	RB	CS	"	35	"	"	nd	<0.1	162	95	153
700	"	35	"	RB	FN	"	35	"	"	nd	<0.1	184	128	86
725	"	30	"	RB	CS	"	40	"	"	nd	<0.1	155	71	133
750	"	25	"	RB	CS	"	30	"	"	nd	<0.1	181	89	125

Protected Grade

21

DAMICON DEVELOPMENTS LIMITED

Geochemical Data [redacted] - SOIL SAMPLING

Sampler Todd Montgomery
Date July 26/1990

Project Glendale
Property Glendale (Elev) L 950
Ervie Ted etc.

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au	Ag
00N	Glendale	10	B	OR	fine		0°			nd	
25N	L 950	20		DB	fine		2°			nd	
50N		20		RB	fine		1°			nd	
75N		30		DB	fine		40°			nd	
100N		25		OB	fine		0			nd	
125N		25		OR	fine		0			nd	
150N		35		DB	fine		70			nd	
175N		25		DR	fine		0			nd	
200N		35		BR	fine		0			nd	
225N		20		O	fine		3			nd	
250N		15		O	fine		8			20	
275N		20		B	fine		8			nd	
300N		20		OB	fine		10			nd	
325N		15		OB	fine		0			nd	
350N		20		BR	fine		10			nd	
375N		20		BO	fine		20			nd	
400N		20		O	fine		15			nd	
425N		30		BR	fine		30			nd	
450N		30		OB	fine		5			nd	
475N		35		DB	fine		15			nd	

Printed in Canada

PAMICON
DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

NTS

Sampler Todd Montgomery
Date July 26/1990

Project Glendale
Property Glendale (Elev) L750

Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb
500N	Glendale	35	B	DB	fine		45			nd
525N	L750	30	|	OB	fine		3			nd
550N	|	10	|	DB	fine		3		540 outcrop	nd
575N	|	35	|	OR	fine		2		|	nd
600N	|	20	|	OR	fine		5		|	20
625N	|	35	|	O	fine		0		|	20
650N	|	30	|	OR	fine	boul	5		Power Lining 330°N	nd
675N	|	25	|	E	coarse	|	40		outcrop	nd
700N	|	30	|	LB	fine	—	25		Power 330°N	40
725N	|	20	|	OR	mod	|	10		|	20
750N	|	30	↓	RO	mod	|	10		|	nd
775N	—	—	N	S	—	—	35		outcrop 775-800 30m S	nd
800N	|	15	B	OB	med	|	25		|	40
825N	|	25	|	B	fine	|	20		|	40
850N	|	20	|	LR	med	|	15		|	nd
875N	|	15	|	OR	fine	|	45		|	nd
900N	|	20	|	OR	fine	|	45		cross Power Lining 0°	nd
925N	|	35	|	OR	fine	|	0		|	nd
950N	↓	30	|	DB	fine	|	15		|	20
975N		35	↓	DB	coarse		45			20

Produced Canada

PAMICON [redacted] DEVE[redacted]OPMENTS LIMITED [redacted]

Sampler Todd Montgomery
Date July 26/1990

Project Glendale
Property Glendale (Elev) L950

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION: Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS: Au ppb
1000N	Glendale	30	B	OR	fine		40			nd
1025N	L950	40	/	Block	coarse		45		cliff face	nd
1050N	/	30	V	BR	med		45			nd
1075N	V	—	N/S				45		massive outcrop	
					...					
					...					

APPENDIX VI

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.

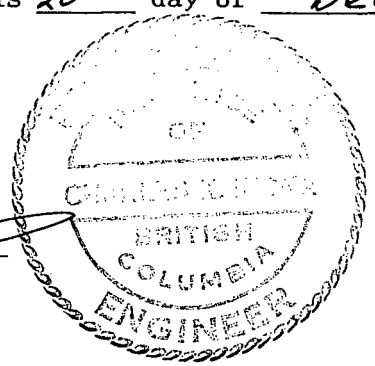
3. THAT I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.

4. THAT this report is based all available information and extensive personal knowledge of the immediate area, on work conducted in 1990 under my direction and on a brief personal inspection of the property in July 1990.

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 20th day of Dec, 1990.



Charles K. Ikona, P.Eng.

LEGEND

Recent Alluvium and Till

MIDDLE JURASSIC

Layered Rocks

B — Bowser Lake Group
Medium grey to green Pillow Basalts, locally amygdaloidal, Pillow Breccia flows, thinly bedded black and white siliceous tuffs and sediments

B_1 — Vesicular Basaltic Flows

B_2 — Basaltic Breccia
Clasts subangular to subrounded up to 0.5 m.

B_3 — Lapilli Tuff
Locally may grade into breccia or poorly sorted pebble conglomerate

B_4 — Lapilli Ash Flow Tuffs
Medium grey with slightly rounded clasts up to 5 cm.

B_5 — Siltstone
thinly bedded, dark grey to black in colour

B_6 — Argillite
Massive, fragmented, dark grey in colour, may contain argillite clasts

Major Fault (inferred from topography)

Prospecting Traverse

Soil Sample Locations
. (PPB Au. where noted) . (not detectedwhere not noted)

C — Intrusive Rocks

Diorite to Gabbro, coarse grained

GLENDALE RESOURCES INC.

WALLY, HENRY, NICK, ERNIE & TED MINERAL CLAIMS

GEOLOGY & SAMPLING MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date.	FIG.
J.W.	104 B/15E	Dec 1990	6

SCALE 1:12,500

m 0 — 500 — 1000 m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,684

N

PROPERTY BOUNDARY

KERR RIVER

FORREST KERR RIVER

ISKUT RIVER

L 9+50 10+75N

L 9+00 0+00N

L 9+50 0+00N

L 0+00 7+50S.

L 5+00 0+00E.

L 4+00 0+00E.

L 5+00 5+75E.

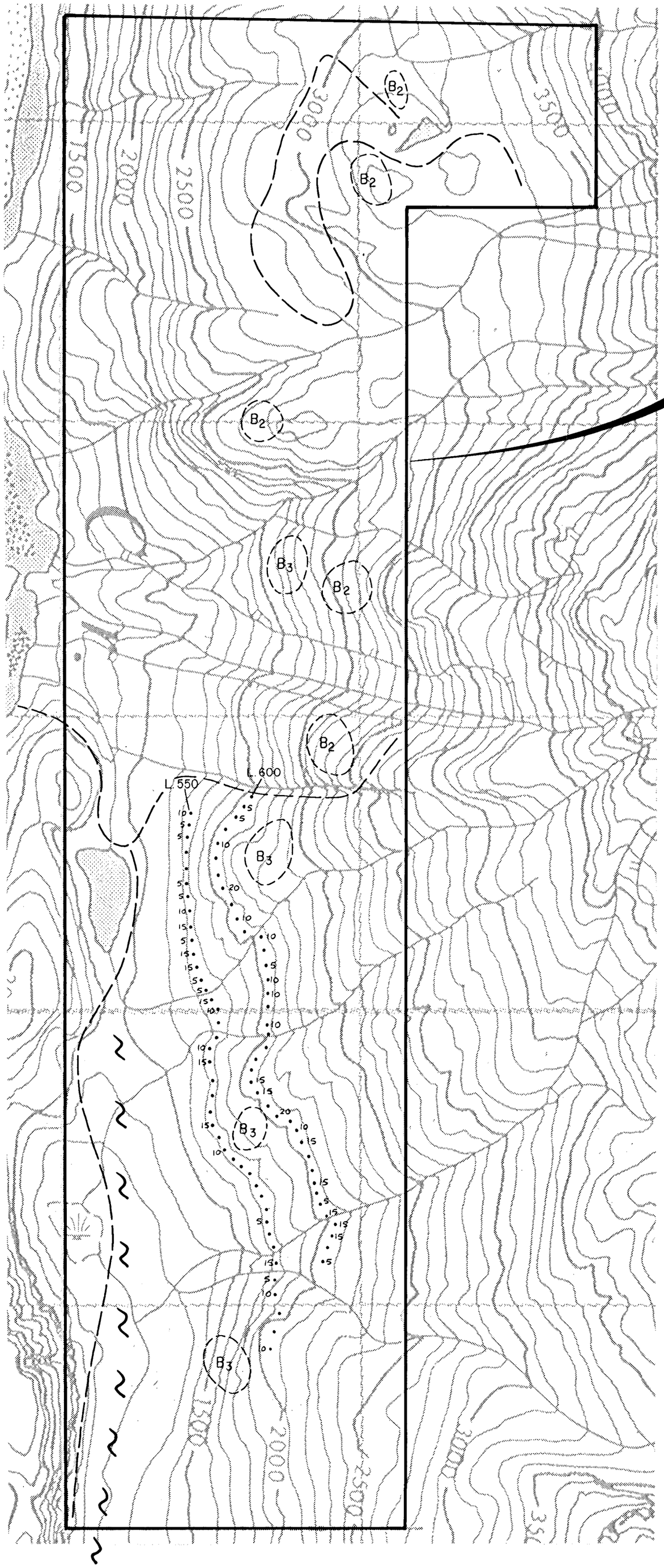
L 4+00 8+25E.

2500

2000

1500

1000



PROPERTY BOUNDARY

N

LEGEND

Recent Alluvium and Till

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m 0 500 1000 m

GLENDALE RESOURCES INC.

BEST BET MINERAL CLAIMS
GEOLOGY & SAMPLING MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date.	FIG.
J.W.	104B/15E	Dec. 1990	7