

LOG NO: <i>Feb 28/91</i> RD.
ACTION:
FILE NO:

1990 SUMMARY REPORT
ON THE
GOLD 17-20 MINERAL CLAIMS

- Prepared for -
BLUE GOLD RESOURCES LTD.

Located in the Iskut River Area
Liard Mining Division
NTS 104G/2W, 104B/15W
57°02' North Latitude
130°54' West Longitude

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

February, 1991

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,008



TYPE OF REPORT/SURVEY(S) GEOLOGICAL SUMMARY	# TOTAL COST 87,202. ⁶⁶
--	---------------------------------------

AUTHOR(S) A. MONTGOMERY SIGNATURE(S) *[Signature]*

S. TODORUK
C. IKONA

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED Nov. 22, 1990 YEAR OF WORK 1990

PROPERTY NAME(S) GOLD 17-20

COMMODITIES PRESENT Au, Ag, Cu, Zn

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION HARD NTS 104A/2W, 104B/15W

LATITUDE 57° 02' NORTH LONGITUDE 130° 54' WEST

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

- GOLD 17 4386 20 UNITS GOLD 20 4389 20 UNITS
- GOLD 18 4387 20 UNITS
- GOLD 19 4388 20 UNITS

OWNER(S) (1) CARDINAL MINERAL CORP. (2)

MAILING ADDRESS 115, 645 FORT STREET VICTORIA, B.C.

OPERATOR(S) (that is, Company paying for the work) (1) BLUE GOLD RESOURCES (2)

MAILING ADDRESS 1140, 625 HOWE ST VANCOUVER, B.C.

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):
 Mississippian age volcanic and sedimentary rocks underly the property, cut by Jurassic and Cretaceous intrusives to the east and south. Broadly folded volcanic/sedimentary sequences include andesite flows, fine grained and lithic lapilli tuff, andesite breccia, dacite, amygdaloidal flow, limestone, argillite, meta-siltstone. Strong silica-pyrite-limonite alteration is local; Au-Ag[±]-Cu[±]-Zn shear vein & Fe-Zn skarn min'g. located.

REFERENCES TO PREVIOUS WORK GSC map 1418A, Awmack, H.J. (1989) Geol. Report, Todoruk, S.L. and C.K. Ikona (1990) Geol. Report GSC Map 11-1971, paper 71-44.

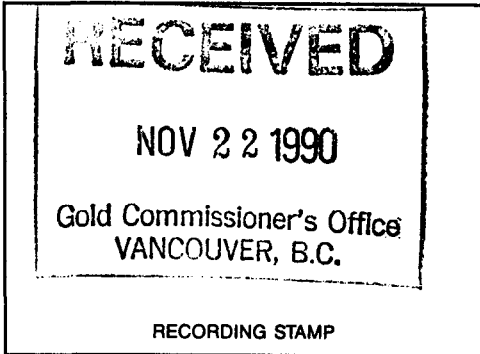
TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS			COST APPORTIONED
GEOLOGICAL (scale, area)					
Ground	
Photo	
GEOPHYSICAL (line-kilometres)					
Ground					
Magnetic	
Electromagnetic	
Induced Polarization	
Radiometric	
Seismic	
Other	
Airborne					
GEOCHEMICAL (number of samples analysed for)					
Soil	
Silt	
Rock	
Other	
DRILLING (total metres; number of holes, size)					
Core	
Non-core	
RELATED TECHNICAL					
Sampling/assaying	
Petrographic	
Mineralogic	
Metallurgic	
PROSPECTING (scale, area)					
PREPARATORY/PHYSICAL					
Legal surveys (scale, area)	
Topographic (scale, area)	
Photogrammetric (scale, area)	
Line/grid (kilometres)	
Road, local access (kilometres)	
Trench (metres)	
Underground (metres)	
				#	
				TOTAL COST	87,202.66

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)	
Value of work approved	
Value claimed (from statement)	
Value credited to PAC account	
Value debited to PAC account	
Accepted Date	Rept. No.	Information Class



Mineral Tenure Act
Sections 25, 26 & 27

STATEMENT OF WORK — CASH PAYMENT



Indicate type of title Mineral
(Mineral or Placer)

Mining Division Liard

I, Doug Fulcher
(Name)
711, 675 West Hastings Street
(Address)
Vancouver, B.C.

Agent for Cardinal Mineral Corp.
(Name(s))
115, 645 Fort Street
(Address)
Victoria, B.C.

684-5901 V6B 1N4
(Telephone) (Postal Code)

381-5435 V8W 1G2
(Telephone) (Postal Code)

Valid subsisting FMC No. 289706

Valid subsisting FMC No. 306982

FMC Code FULCDA

FMC Code CAR MIC

STATE THAT: (NOTE: If only paying cash in lieu, turn to reverse and complete columns G to J and Q to T.)

1. I have done, or caused to be done, work on the Gold 17, 18, 19, 20 Claim(s)

Record No(s) 4386, 4387, 4388, 4389
Work was done from July 1, 19 90, to November 22, 19 90 ;

and was done in compliance with Section 50 of the Mineral Tenure Act and

Section 19(3) of the Regulation YES NO

I hereby request that the claims listed in Column G on this Statement of Work be Grouped and I confirm that all claims listed are contiguous YES NO
FEE — \$10.00

TYPE OF WORK

PHYSICAL: Work such as trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails. Details as required under section 13 of the Regulations, including the map and cost statement, must be given on this statement.
PROSPECTING: Details as required under section 9 of the Regulations must be submitted in a technical report. Prospecting work can only be claimed once by the same owner of the ground, and only during the first three years of ownership.
GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL, DRILLING: Details must be submitted in a technical report conforming to sections 5 through 8 (as appropriate) of the Regulations.
PORTABLE ASSESSMENT CREDIT (PAC) WITHDRAWAL: A maximum of 30% of the approved value of geological, geophysical, geochemical and/or drilling work on this statement may be withdrawn from the owner's or operator's PAC account and added to the work value on this statement.

TYPE OF WORK (Specify Physical (include details), Prospecting, Geological, etc.)	VALUE OF WORK			= D
	Physical	*Prospecting	*Geological etc.	
<u>Geological, geochemical, prospecting, mapping and sampling</u>			<u>86,087.06</u>	
<u>Report to follow in 90 days</u>				
TOTALS	A	+	B	+
				C
				= D
				86,087.06
PAC WITHDRAWAL — Maximum 30% of Value in Box C Only				E
from account(s) of _____				E
			TOTAL	F
				86,087.06
* Who was the operator (provided the financing)? Name <u>Blue Gold Resources</u> Address <u>1140, 625 Howe Street</u> <u>Vancouver</u> Phone: _____	Transfer amount in Box F to reverse side of form and complete as required.			



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

Robson Square
159, 800 Hornby Street
Vancouver
British Columbia
V6Z 2C5

CERTIFIED MAIL # L31859401

November 24, 1989

Cardinal Minerals Corp.
115-645 Fort Street
Victoria, B.C.
V8W 1G2

Dear Sir:

Re: Gold 17-20 Mineral Claims
Record Nos. 4386-4389
LIARD MINING DIVISION

The work credit requested on the Statement of Work recorded on November 24/89 (photocopy enclosed) is being applied to the above mentioned claim(s). A copy of the statement bearing the issued document number indicating application of the work credits is enclosed for your records.

Pursuant to Section 29(1) of the Mineral Tenure Act and Section 1(5) of the Regulation, this work statement must be substantiated by a technical report: two copies of the report must be received on or before February 24, 1990.

Both copies of the report may be submitted direct to this office or any sub-recording office for this mining division (which includes all Gold Commissioners' offices). A copy of the enclosed photocopy of the statement must be included with the reports. Pursuant to Section 29(2) of the Act, the failure to submit the required reports so that they are received within the Mineral Titles system within the 90 day period will result in the cancellation of all credits to the claim(s) from the enclosed statement.

All enquiries concerning the report should be directed to Mr Talis Kalnins of the Geological Branch in Victoria (604-356-2286). Enquiries with respect to the statement of work credits are to be directed to this office.

Yours truly

Rick Conte
Deputy Gold Commissioner

encl(s).

/gp

cc Mr. D. Fulcher
711-675 W. Hastings St.
Vancouver, BC V6B 1N4

1990 SUMMARY REPORT on the GOLD 17-20 MINERAL CLAIMS

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
2.0 LIST OF CLAIMS	2
3.0 LOCATION, ACCESS AND PHYSIOGRAPHY	2
4.0 AREA HISTORY	3
5.0 REGIONAL GEOLOGY	8
6.0 PROPERTY GEOLOGY	11
7.0 MINERALIZATION	13
8.0 DISCUSSION, CONCLUSIONS AND RECOMMENDATIONS	14

LIST OF FIGURES

	<u>Following Page</u>
Figure 1 Location Map	1
Figure 2 Claim Map	2
Figure 3 Regional Mineral Occurrence Map	3
Figure 4 Regional Geology Map	8
Figure 5 Rock, Soil and Silt Sample Locations/ Results and Property Geology	pocket

APPENDICES

Appendix I	Bibliography
Appendix II	Cost Statement
Appendix III	Analytical Procedures
Appendix IV	Assay Certificates
Appendix V	Rock Description Forms
Appendix VI	Statements of Qualifications
Appendix VII	Engineer's Certificate

1.0 INTRODUCTION

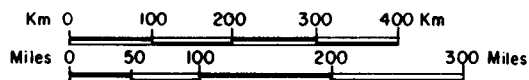
Between July and September, 1990 Blue Gold Resources Ltd. carried out an exploration program consisting of prospecting and geological mapping on their Gold 17-20 mineral claims (80 units). This work program followed up and expanded upon an assessment work program completed in 1989 on these claims. As well, the legal corner post for the claims was located and from this point the eastern claim boundary was surveyed in by personnel of Pamicon Developments Ltd. (not legally surveyed).

During the course of this year's work, the legal corner post for the Gold 17-20 claims was found to be located some 2 kilometres south of where initial staking crews had reported its location and, as a result, the actual location of the claims has shifted dramatically to the south as depicted on the accompanying claim map.

At present, two prominent styles of mineralization have been identified on the Gold 17-20 claims. Near the central parts of the property, a large area of silicification, pyritization and gossan occurs possibly related to shearing activity while near the eastern claim boundary several occurrences of magnetite + pyrite + sphalerite skarn mineralization occur as pods and lenses.

Exploration activity in the region remains high with continued evaluation of several promising prospects ongoing. Of these, most attention is presently being directed toward the Eskay Creek deposit, the Snip gold mine, the Kerr prospect and the Brucejack deposit. 1990/91 winter drill testing evaluations are ongoing at Thios Resources Inc./Eurus Resources Ltd.'s Rock & Roll project and also at Tymar Resources Inc./Akiko Lori Resources' Lakewater project along strike to the southwest from the Eskay Creek deposit. Additionally, several exploration properties in the Galore Creek area to the west of the Blue Gold property are receiving continued attention, including the Galore Creek deposit and Copper Canyon deposit.

**PROPERTY
LOCATION**



BLUE GOLD RESOURCES LTD.

GOLD 17-20 CLAIMS

PROPERTY LOCATION MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN. J.W.	N.T.S. 104G/2W	DATE. Feb. 1991	FIGURE. 1
----------------	-------------------	--------------------	--------------

2.0 LIST OF CLAIMS

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 Cardinal Mineral Corporation (Figure 2). Separate documents indicate the claims are under option to Blue Gold Resources Ltd.

<u>Claim Name</u>	<u>Record Number</u>	<u>No. of Units</u>	<u>Record Date</u>	<u>Expiry Year</u>
Gold 17	4386	20	November 26, 1987	1992*
Gold 18	4387	20	November 26, 1987	1992*
Gold 19	4388	20	November 26, 1987	1992*
Gold 20	4389	20	November 26, 1987	1992*

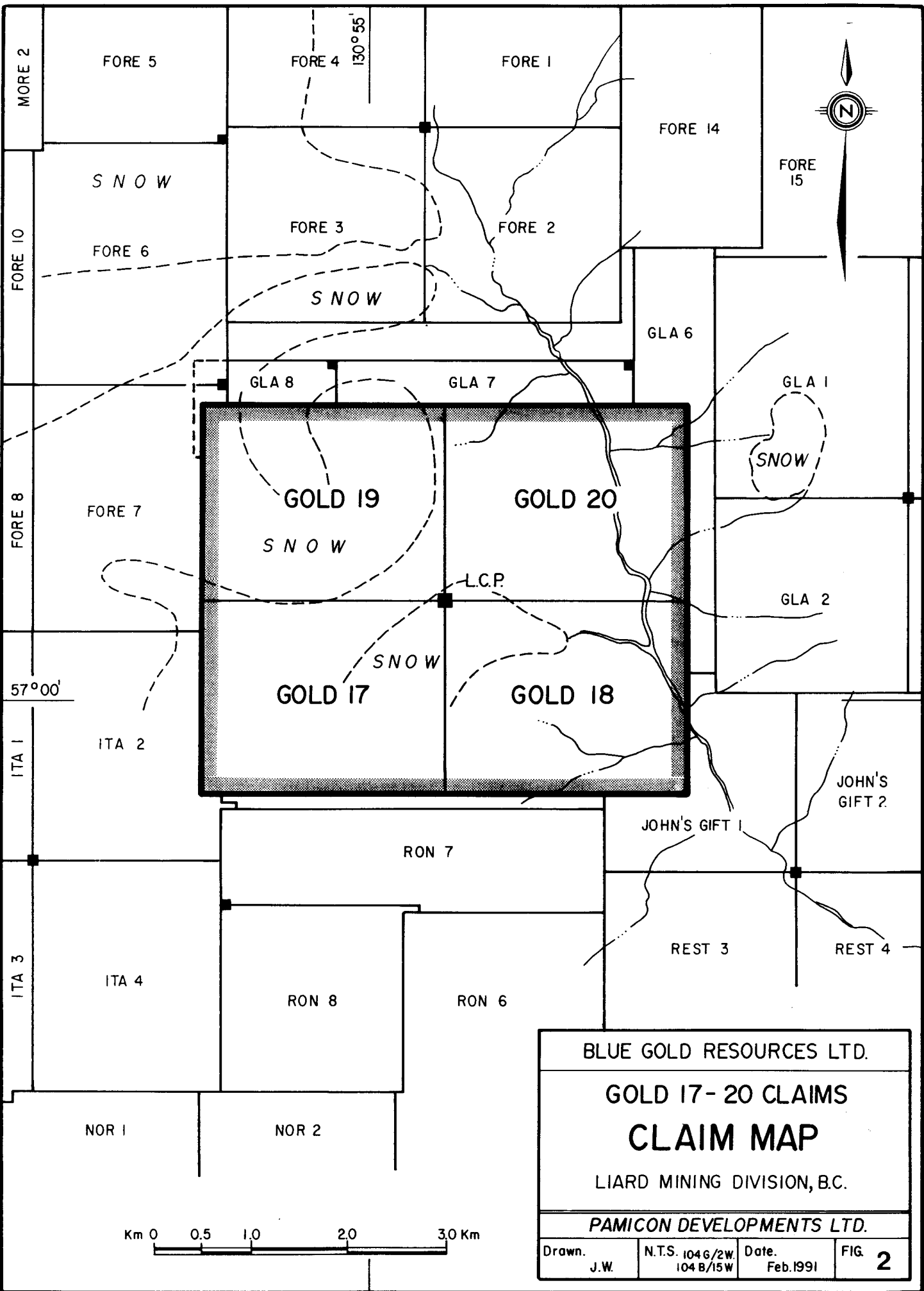
*pending government approval

The location of the legal corner post for the Gold 17-20 mineral claims has been verified by the author.

3.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Gold 17-20 claims lie on the headwaters of the southern tributary of More Creek in the Coast Range Mountains, approximately 130 kilometres northwest of Stewart, British Columbia and 110 kilometres northeast of Wrangell, Alaska (Figure 1). The property falls within the Liard Mining Division, NTS 104G/2W and 104B/15W, centered at 57°02' north latitude and 130°54' west longitude.

Access to the property is by helicopter from the Forrest Kerr airstrip, located less than 13 kilometres south-southeast of the property. Charter flights using fixed wing aircraft link the strip to Terrace and Smithers during the field season from June through October. This strip is suitable for STOL aircraft with approximately 370 metres of usable surface. During 1988, Pamicon Developments Ltd. provided camp facilities and helicopter service to



BLUE GOLD RESOURCES LTD.

GOLD 17-20 CLAIMS

CLAIM MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn. J.W.	N.T.S. 104 G/2W 104 B/15W	Date. Feb. 1991	FIG. 2
----------------	------------------------------	--------------------	---------------

the airstrip. Eventually, access could be obtained by constructing a road up More Creek valley from Highway 37 to the property.

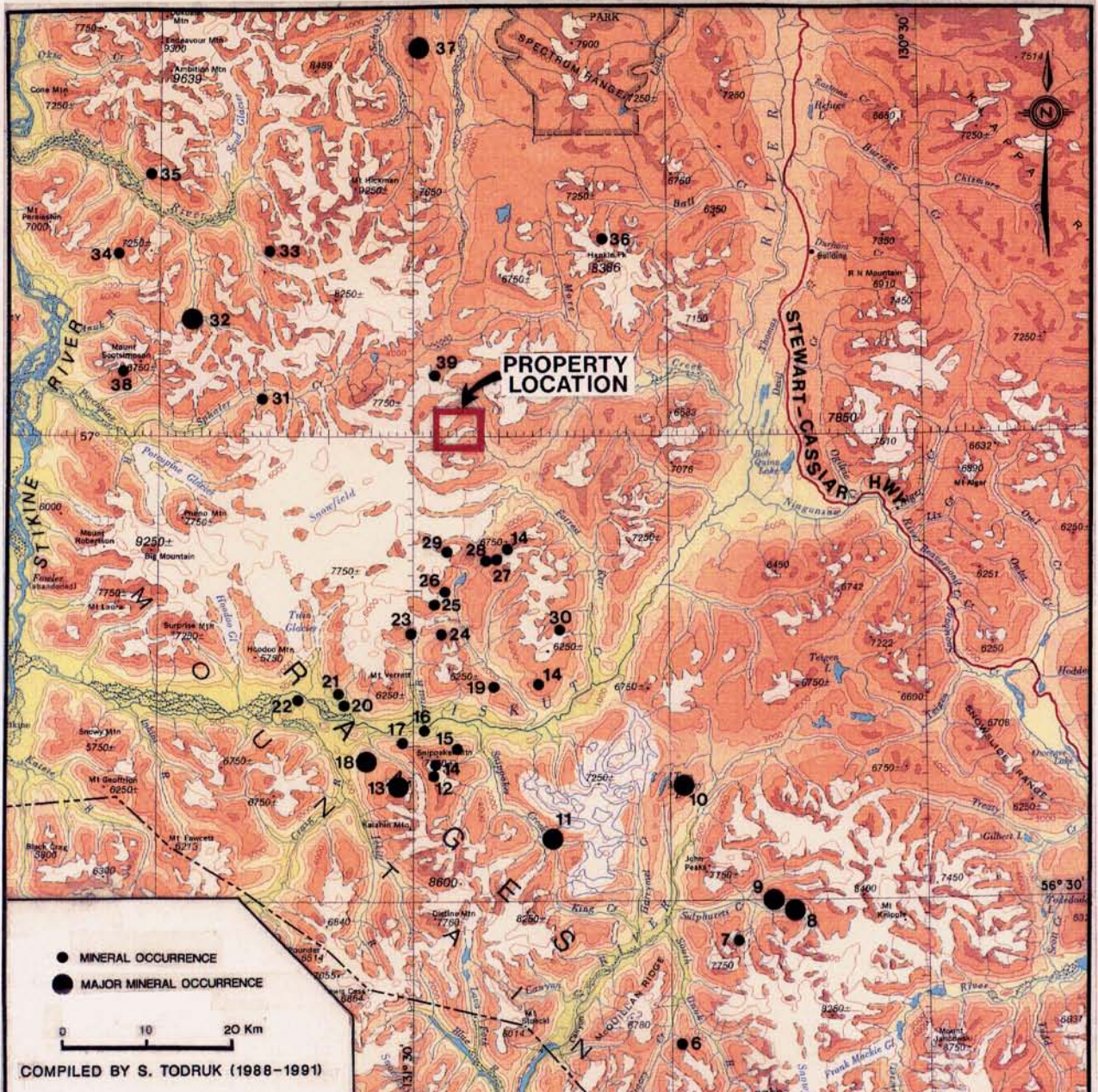
The Gold 17-20 claims straddle the headwaters of a southern tributary of More Creek below the toe of two glaciers emanating from a major icefield to the east. Topography is rugged, typical of mountainous and glaciated terrain. Elevations range from 790 metres above sea level in the valley bottom to over 1600 metres on the Gold 19 claim. Outcrop exposure is good throughout most of the property excepting some areas masked by the heavy vegetation which occurs below treeline and by glacier cover and deposits.

Lower slopes throughout the Iskut region are normally covered with a dense growth of hemlock and spruce with an undergrowth of devil's club and huckleberry. Steeper open slopes are covered by dense slide alder growth. Open alpine vegetation is found above treeline which occurs at approximately between 1000 and 1200 metres elevation. Both summer and winter temperatures are moderate although annual rainfall may exceed 200 centimetres and several metres of snow commonly fall at higher elevations. Working conditions for surface exploration would be optimal from June to early October.

4.0 AREA HISTORY

Figure 3 of this report presents a map of northwestern B.C. from the town of Stewart in the south to near Telegraph Creek in the north, a distance of 225 kilometres. Within this area, a semi-arcuate band of Hazelton Group equivalent volcanic and sedimentary rocks (Unuk River Formation, Betty Creek Formation, Salmon River Formation) 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



- MINERAL OCCURRENCE
- MAJOR MINERAL OCCURRENCE



COMPILED BY S. TODRUK (1988-1991)

PROPERTY OWNER	MINERAL RESERVES AND/OR ELEMENTS
1. Vestal Resources Ltd./Silk Premier Mines	6,100,000 tonnes 0.064 oz/ton Au, 2.35 oz/ton Ag
2. Vestal Resources Ltd./Vornagan Mining Explorations Ltd.	1,860,000 tonnes 0.09 oz/ton Au, 0.47 oz/ton Ag
3. Noranda (Todd Creek Project)	Au
4. Scottie Gold Mine	Au
5. Granduc	18,830,000 tons 1.75 Cu
6. Canadian Caribou Resources/Magna Ventures/Silver Princess Resources (Uoc Project)	470,000 tons 0.27 oz/ton Au, 1.31 oz/ton Ag
7. Placer Dome Inc. (Kerr Project)	66 million tons, .265 Cu, .010 oz/ton Au
8. Catar Resources Ltd. (Gold Wedge Project)	375,000 tons 0.75 oz/ton Au, 1.0 oz/ton Ag
9. Newhawk/Granduc (Sulphurets West Zone Project)	715,400 tons 0.43 oz/ton Au, 19.70 oz/ton Ag
10. Prime/Silkline Resources Ltd. (Ebak Creek Project)	4.36 million tons 0.77 oz/ton Au, 25.12 oz/ton Ag
11. Consolidated Silver Standard Mines Ltd. (E & L Deposit)	3,200,000 tons 0.801 Au, 0.662 Cu
12. Inel Resources Ltd.	Au, Ag, Cu, Pb, Zn
13. Skyline Gold Corporation (Johnny Mountain Mine)	210,000 tons 0.45 oz/ton Au mined to August, 1990
14. Kestrel Resources Ltd.	Au, Ag, Cu, Pb, Zn
15. Hector Resources Inc./Nephele Resources Ltd. (Golden Spray Vein)	Au, Ag
16. Royal Day/Big H Petroleum	Au, Ag, Cu, Pb, Zn
17. Winslow	Au, Ag, Cu, Pb, Zn
18. Coninco/Prime Resource Corp. (Sajp Deposit)	1,031,000 tons 0.875 oz/ton Au
19. International Prima Exploration Ltd.	Ag, Au
20. Meridor Resources Ltd.	Au
21. Prime Resource Corp./American Ore Ltd./Golden Band	Au, Ag, Cu, Pb, Zn
22. Barron/Thine (Rock & Hill Project)	Au
23. International Prima Exploration Ltd.	Au
24. Pezold Resource Corp.	Au
25. Sea Gold Resources Inc.	Au
26. Gulf International Minerals Ltd. (Northwest Zone)	Au, Ag, Cu
27. Consolidated Caprock Resources/Crimsonstar (Kerr Claims)	Au, Cu, Ag
28. International Prima Exploration Ltd.	Ag, Pb, Zn
29. International Prima Exploration Ltd.	Cu, Au
30. Arvadale Resources Inc. (Porrett Project)	Au, Ag, Cu
31. Pass Lake Resources Ltd./Larica Resources Ltd. (Freh Project)	Cu, Au
32. Hudson Bay/Coninco/Kemco (Galore Creek Deposit)	125,000,000 tonnes 1.065 Cu, 0.397 g/t Au, 7.94 g/t Ag
33. Continental Gold Corp./Giga Resources Ltd./Goldbelt Mines Ltd.	Au, Ag, Cu
34. Bellex Resources Ltd./Skrabot Resources Ltd. (Jack Wilson Project)	Au, Cu
35. Pass Lake Resources Ltd./Consolidated Goldwest Ltd. (LD Project)	Au, Cu
36. Lac Minerals (Hunkin Peak Project)	Au
37. Schaff Creek	910,000,000 tonnes 0.205 Cu, 0.0205 Mo, 0.113 g/t Au, 0.392 g/t Ag
38. Consolidated Silver Standard/Pacific Century Exp. (Paydirt Project)	700,000 tons 0.170 oz/ton Au
39. Coninco (Foreacre Project)	Au, Ag, Cu, Pb, Zn

BLUE GOLD RESOURCES LTD.

GOLD 17-20 CLAIMS

Regional Mineral Occurrence Map

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

NTS: 103, 104 Date: FEB. 1991 FIGURE: 3

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

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

1900 - 1975

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

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

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

After World War II the area was explored for base metals, notably copper. This era led to the discovery of the Granduc, Galore Creek and Schaft Creek copper deposits and the E & L copper-nickel deposit. Published reserves of these are listed below and shown on Figure 3.

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

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

1975 - Present

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

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

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

<u>Company</u>	<u>Deposit</u>	<u>Area</u>	<u>Short Tons</u>	<u>Au</u> (oz/t)	<u>Ag</u> (oz/t)	<u>Ref.</u>
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 1988-90 work on this project of Prime/Stikine Resources indicated a major gold-silver-base metal mineral deposit of possible volcanogenic massive sulphide and epithermal affinity with a minimum strike length of 1800 metres. Some notable 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 with drilling and

underground bulk sampling tests. 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).

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

In September 1989 Bond International Gold Inc. announced initial drill results from their Red Mountain project. The location of this project is some 15 kilometres east of Stewart. A 66 metre intersection on the Marc Zone reportedly graded 9.88 gm/tonne gold and 49.20 gm/tonne silver. Recently published reserves for the Marc Zone total 933,000 tons of 0.37 oz/ton Au (The Northern Miner, February 18, 1991). On the Willoughby Gossan Zone a 20.5 metre intersection is reported as 24.98 gm/tonne gold and 184.2 gm/tonne silver.

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

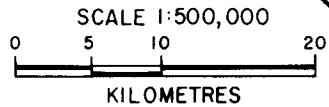
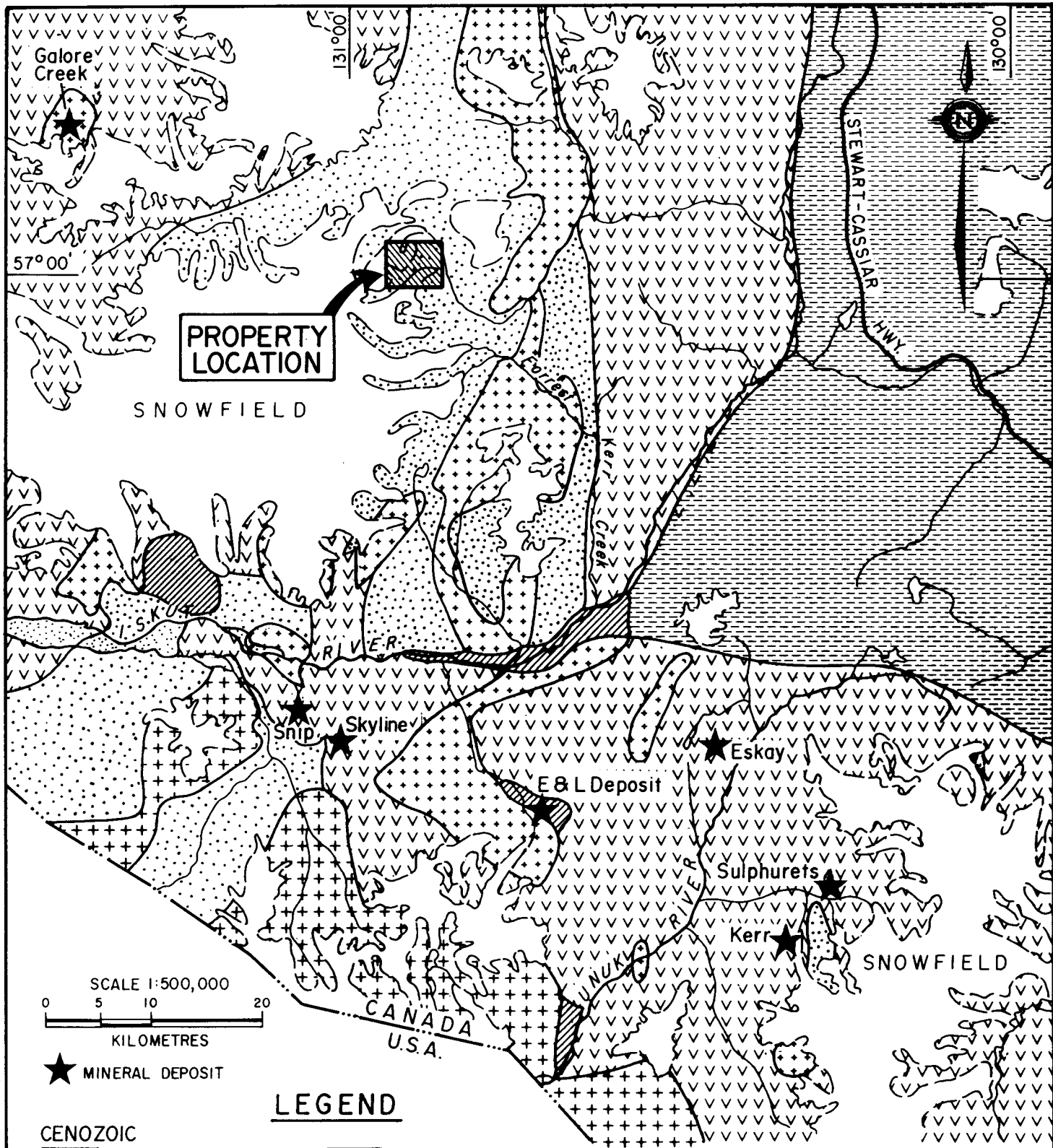
The locations of a number of these occurrences are indicated in the accompanying figure. At this time these represent only a fraction of the reported results in this rapidly developing area.

5.0 REGIONAL GEOLOGY

The geology of the Iskut-Galore-Eskay-Sulphurets area has undergone considerable study in the past few years by industry, federal and provincial geologists (Figure 4). Much of this work stemmed from Grove's mapping of the Stewart Complex (Grove, 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 late Triassic to early Jurassic volcanics and intrusives within. This has directed exploration efforts toward these members.





★ MINERAL DEPOSIT


LEGEND

CENOZOIC


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

MESOZOIC

-  Jurassic 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.

BLUE GOLD RESOURCES LTD.			
GOLD 17-20 CLAIMS			
SIMPLIFIED REGIONAL GEOLOGY			
LIARD MINING DIVISION, B.C.			
PAMICON DEVELOPMENTS LTD.			
Drawn.	N.T.S.	Date	FIG.
J.W.	103,104	Feb. 1991	4

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

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

PALEOZOIC

Stikine Assemblage Volcanic and Sedimentary Rocks

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

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

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

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

MESOZOIC

Stuhini Group Volcanic and Sedimentary Rocks

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

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 gradational to unconformable	Successor basin
SPATSIZI GROUP		
L. Jurassic	shale, tuff, limestone unconformable	
HAZELTON GROUP		
E. Jurassic	coeval alkalic/calc-alkalic gradational to unconformable	contractional event? Island Arc rocks
STUHINI GROUP		
L. Triassic	intrusions; mafic volcanic rocks in the east, bimodal in the west polymictic conglomerate basaltic to andesitic volcanics (plagioclase and hornblende)	extensional in western area 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 unconformable	upper coralline limestone and conglomerate lower limestone with tuff layers thick bedded limestone commonly bioclastic, coarse crinoids, corals
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, ?

Hazelton Group Volcanic and Sedimentary Rocks

Lower Jurassic Hazelton Group volcanic and sedimentary rocks predominantly occur in the southeast, northwest corners and central portions of the Galore-Iskut-Sulphurets area. Hazelton Group stratigraphy consists of the lowermost Unuk River Formation (Grove, 1986) comprised of mafic to intermediate volcanics with interbedded shale, argillite and greywacke sediments capped by feldspar porphyry flow; the Betty Creek Formation (Grove, 1986) overlying the Unuk River Formation consists of maroon and green volcanic conglomerate and breccia often containing diagnostic jasperoidal veins, with the youngest uppermost member of the Hazelton Group consisting of dacite to rhyolite, spherulitic rhyolite welded tuff and tuff breccia with basal sediments and upper pillow basalts 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 Sedimentary Rocks

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 Sedimentary Rocks

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

CENOZOIC VOLCANIC ROCKS

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

PLUTONIC ROCKS

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

6.0 PROPERTY GEOLOGY

The Blue Gold property is underlain by a broadly folded package of volcanic and sedimentary rocks, of probable Mississippian age; younger intermediate to felsic intrusives outcrop in the northeast claim area (Figure 5). Older rocks are locally foliated and altered, including large gossanous areas of intense to weak silicification with limonite and pyritization.

Property scale antiform fold structures in the north and south of the property outline a stratigraphic sequence of intermediate volcanic flows and pyroclastics and fine grained sedimentary rocks and limestones. Discontinuous volcanic layers include green to mauve phyric andesite flow (?), aphyric andesite, fine grained tuff, lithic lapilli tuff, andesite breccia with elongate clasts, finely crystalline to glassy green dacite to andesite, and minor amygdaloidal flows. Sedimentary rocks occur as a main limestone sequence, and as thinner sedimentary layers within dominantly volcanic strata. Limestones are well bedded and occur with interbedded argillite and laminated meta-siltstone. Argillites commonly show limonitic staining.

Intrusive rocks outcropping in the northeast claim area are medium to coarsely crystalline, equigranular, of felsic to intermediate composition. Regional scale government mapping (GSC Map 1418A) outlines large areas of Jurassic and Cretaceous quartz diorite, granodiorite and quartz monzonite to the south and east of the claims.

Gossans occur on the property in the south and central claim area measuring tens to hundreds of metres in area. These conspicuous alteration zones were the attention of prospecting and sampling efforts in 1990. They are characterized by intense silicification with associated pyritization and limonitic weathering pervading andesitic volcanic country rock. Post-alteration lamprophyre dykes and possible fault structures in areas of alteration may be evidence of original structural controls to these alteration events.

Fault structures are inferred on the property, based on structural and lithological information, in the northeast claim area along northeast trending creeks, and along the wide glacial valley which trends northeast to southeast across the property.

7.0 MINERALIZATION

Two prominent styles of mineralization have been identified on the Gold 17-20 claims. Copper, gold, silver and zinc values occur with quartz veining and stringers associated with large alteration zones in the south and central claims area; and iron \pm zinc skarn mineralization occurs near the east claim boundary, associated with intrusive activity. Volcanogenic massive sulphide mineralization found predominantly as boulders occurs on Cominco's Foremore claims immediately to the north.

On the Gold claims, the main focus of evaluation was two large areas of gossan, silicification and pyritization near the legal corner post (Figure 5). The zones occur on the north and south sides of a large glacier some 1300 metres apart.

Within the zones, andesitic (?) rocks appear to have been pervasively silicified with narrow 1 to 5 mm fracture controlled quartz stringers and disseminations of pyrite. Weathering of this alteration creates a spectacular gossanous effect. At areas of most intense alteration, localized zones of shearing, brecciation and frothy quartz vein development occur hosting what is probably secondary pyrite mineralization with local amounts of minor chalcopyrite and sphalerite. Locally, chalcopyrite and sphalerite can be quite strong. Brecciation and shearing present within these areas may be indicative of a structural control to the localizing of alteration. To date, assays obtained from sampling have returned geochemically anomalous gold and silver values as well as locally anomalous copper results.

Steep and often inaccessible topography in these areas, which should be attempted only by expert rock climbers, has put constraints on exploration efforts to date. As a result, geological mapping, geophysical and more comprehensive rock geochemical surveys are incomplete.

Sample results of interest from these zones are summarized below:

Sample Number	Zn (%)	Cu		Ag		Au	
		(ppm)	(%)	(ppm)	(oz/ton)	(ppb)	(oz/ton)
55904	--	--	1.18	17.3	--	150	--
55905	--	--	4.86	15.6	--	40	--
55907	--	--	13.58	32.0	--	50	--
55908	--	--	2.57	6.9	--	50	--
55909	--	--	1.73	4.7	--	90	--
55919	--	--	2.23	11.8	--	40	--
55921	--	--	9.67	5.2	--	30	--
55929	12.4	624	--	3.8	--	130	--
31933	--	102	--	2.4	--	1,340	--
55601	--	143	--	11.0	--	910	--
2145	2.37	--	1.20	7.9	--	60	--
31941	--	181	--	--	1.33	1,260	--
31948	4.22	--	7.85	2.9	--	90	--

Along the eastern claim boundary of the Gold 20 claim, several exposures of magnetite + pyrite + sphalerite skarn mineralization occur both on the property and on the adjacent claims owned by Kestrel Resources Ltd.

Mineralization predominantly occurs as pods and lenses of massive magnetite + pyrite + sphalerite varying in width up to several metres and extending for tens of metres along strike. Host rocks are mainly intermediate volcanics. The more significant examples of this style of mineralization occur along the edges of More Creek. To date, low precious metal values with locally anomalous values in copper and zinc have been obtained.

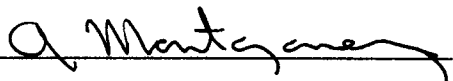
8.0 DISCUSSION, CONCLUSIONS AND RECOMMENDATIONS

During the 1990 field season, identification of the legal corner post for the Gold 17-20 mineral claims positioned the claims dramatically to the south of where they were initially believed to be. As a result, some exploration efforts expended during the 1989 and early 1990 season were north of the Gold 17-20 claims as they now stand.

However, also as a result of the new claims positioning two exploration targets have now been identified on the claims. Most significant is a large area measuring 500 m x 200 m near the south centre of the property which has been subjected to a major episode of alteration consisting of silicification and pyritization. To date, geochemically anomalous values in gold, silver and copper have been produced throughout this zone. It is believed a major structure not yet identified may be the source for this aerially extensive mineralizing event. A 1991 diamond drill program should concentrate on evaluating this system.

Potential also exists on the claims for discovery of an economically significant skarn-type ore deposit. Several occurrences of this style of mineralization are known to occur near the eastern boundary of the Gold 20 claim along More Creek. To date, the most impressive mineralized skarn bodies identified are located just off the claims to the east. Mineralization mainly occurs as massive magnetite and pyrite with minor amounts of sphalerite. Low base and precious metal values have been obtained from these occurrences thus far. The occurrence of massive sulphide float on Cominco's Foremore property to the north is also encouraging. Similar style mineralization may occur on the Blue Gold property. Further prospecting, surface sampling programs and geological work is warranted to determine the extent and character of skarn and other types of mineralization on the Blue Gold property.

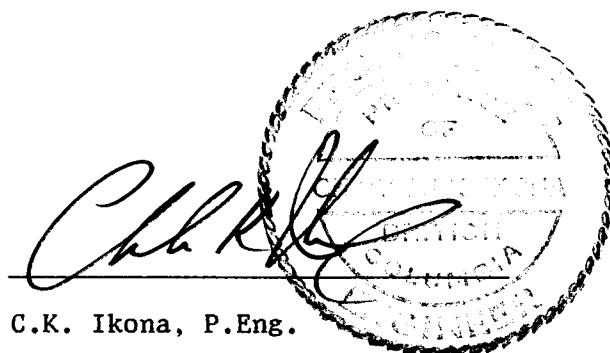
Respectfully submitted,



A.M. Montgomery, Geologist



S.L. Todoruk, Geologist



C.K. Ikona, P.Eng.

APPENDIX I

BIBLIOGRAPHY

BIBLIOGRAPHY

- Alldrick, D.J., J.K. Mortensen, and R.L. Armstrong (1986): Uranium-Lead Age Determinations in the Stewart Area; in Geological Fieldwork, 1985, British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1986-1, p. 217-218.
- Alldrick, D.J. (1987): Geology and Mineral Deposits of the Salmon River Valley, Stewart Area, NTS 104A and 104B; British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Survey Branch, Open File Map 1987-22.
- Anderson, R.G. (1989): A Stratigraphic, Plutonic, and Structural Framework for the Iskut River Map Area, Northwestern British Columbia; in Current Research, Part E, Geological Survey of Canada, Paper 89-1E, p. 145-154.
- Awmack, H.J. (1989): Geological Report on the Gold 17-20 Claims.
- Britton, J.M., I.C.L. Webster and D.J. Alldrick (1989): Unuk Map Area (104B/7E, 8W, 9W, 10E), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 198, Paper 1989-1, pages 241-250.
- Calpine Resources Inc.: News Release, Vancouver Stockwatch, December 13, 1988.
- de Carle, R.J. (1988): Report on a Combined Helicopter-Borne Magnetic, Electromagnetic and VLF Survey, Iskut River Area, Liard Mining Division, British Columbia.
- Delaware Resources Corp.: Progress Report, Snip Prospect, November 19, 1987.
- Delaware Resources Corp.: News Release, Vancouver Stockwatch, November 11, 1988.

Delaware Resources Corp.: News Release, Vancouver Stockwatch, January 16, 1989.

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

Geological Survey of Canada (1979): Map No. 1418A, Iskut River.

Gulf International Minerals Ltd.: Annual Report, 1987.

Gulf International Minerals Ltd.: Annual Report, February 1988.

Grove, E.W. (1968): Unuk River, Annual Report, Ministry of Mines and Petroleum Resources, British Columbia, p. 45-46.

Grove, E.W. (1972): Geology and Mineral Deposits of the Stewart Area; B.C. Department of Mines and Petroleum Resources, Bulletin 58.

Grove, E.W. (1973): Detailed Geological Studies in the Stewart Complex, Northwestern British Columbia, Ph.D. Thesis, McGill University.

Grove, E.W. (1982): Unuk River, Salmon River, Anyox Map Areas; Ministry of Energy, Mines and Petroleum Resources.

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

Grove, E.W. (1987): Geology and Mineral Deposits of the Unuk River, Salmon River, and Anyox Map Areas; B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 63.

Hancock, K.D. (1990): Geology of Nickel Mountain (109B/10W), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1989, Paper 1990-1.

Kerr, F.A. (1948): Lower Stikine and Western Iskut River Areas, B.C., Geological Survey of Canada Memoir No. 246.

Lefebure, D.V. and M.H. Gunning (1987): Exploration in British Columbia 1987, in press, B.C. Geological Survey Branch publication.

Logan, J.M., V.M. Koyanagi and J.R. Drobe (1990): Geology of the Forrest Kerr Creek Area, Northwestern British Columbia (104B/15); British Columbia Geological Survey, Geological Fieldwork 1989, Paper 1990-1, p. 127-139.

Logan, J.M., V.M. Koyanagi and J.R. Drobe (1990): Geology and Mineral Occurrences of the Forrest Kerr-Iskut River Area, Northwestern B.C., British Columbia Geological Survey Open File 1990-2.

Skyline Explorations Ltd.: Annual Report, 1987.

Skyline Explorations Ltd.: Annual Report, 1988.

Souther, J.G. (1971): Geology Telegraph Creek, GSC Map 11-1971, Paper 71-44.

Ticker Tape Resources Ltd.: News releases dated September 21, 1987 and October 13, 1987.

Todoruk, S.L. and C.K. Ikona (1990): Geological Report on the Gold 17-20 Mineral Claims.

Tungco Resources Corporation: News release dated December 1, 1987.

Western Canadian Mining Corp.: News release dated November 12, 1987.

APPENDIX II

COST STATEMENT

Surveying			
B. Lightle - 5.5 days @ \$250.00		1,375.00	
Linecutters			
G. Clark & Associates - 6 days @ \$300.00		<u>1,800.00</u>	
Total Wages			\$ 29,375.00
Field Project Supervision			3,522.97
 CAMP AND EQUIPMENT EXPENSES			
Room and Board			
Pamicon Crew	91 days		
Linecutters	6 days		
Helicopter Crew	<u>15 days</u>		
	112 days @ \$125.00	\$ 14,000.00	
Field Equipment and Supplies		<u>2,275.00</u>	16,275.00
 GENERAL EXPENSES			
Travel, Accommodation and Airfare		\$ 2,040.00	
Space Tel Communications		765.00	
Fixed Wing		357.70	
Helicopter		21,591.05	
Freight		140.00	
Assays		5,788.00	
Survey Equipment Rental		400.00	
Orthophotos		2,947.94	
Report		<u>4,000.00</u>	
			<u>38,029.69</u>
TOTAL THIS PROGRAM			<u>\$ 87,202.66</u>

APPENDIX III

ANALYTICAL PROCEDURES

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.

-2-

- (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

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 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.

-2-

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

UGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

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

February 22, 1991

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

FROM: VANGEOCHEM LAB LIMITED
1650 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine silver by fire assay method 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 8" x 12" plastic 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 into 100-mesh or finer by using a disc mill. The pulverized samples were then put in the new bags for subsequent analyses.

2. Method of Digestion

- (a) 20.0 - 30.0 grams of the pulp samples were used. Samples were weighed out by using a top-loading balance into a fusion pot.
- (b) A flux of litharge, soda ash, silica, borax, either flour or potassium nitrite was added. The samples were thoroughly mixed and then fused at 1900 degrees Fahrenheit to form a lead button.
- (c) The silver was extracted by cupellation, weighed and parted with diluted nitric acid.

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L8
TEL (604) 251-5656
FAX (604) 254-5717

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

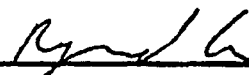
-2-

3. Method of Calculation

The silver was calculated by the weigh loss of the bead and then parts per million (ppm) was calculated.

4. Analysts

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



Raymond Chan
VANGEOCHEM LAB LIMITED



MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

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

February 22, 1991

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

FROM: VANGEOCHEM LAB LIMITED
1650 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine Cu, Pb and Zn
assay 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 the new bags for subsequent analyses.

2. Method of Digestion

- (a) 0.200 gram portions of the minus 100 mesh samples were used. Samples were weighed out by using an analytical balance.
- (b) Samples were digested in multi acids in volumetric flasks.



MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

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


-2-

3. Method of Analyses

Cu, Pb and Zn concentrations were determined using a Techtron Atomic Absorption Spectrophotometer Model AA5 with their respective hollow cathode lamps. The digested samples were directly aspirated into an air and acetylene mixture flame. The results, in parts per million, were calculated by comparing them to a set of standards used to calibrate the atomic absorption units.

4. Analysts

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



Raymond Chan
VANGEOCHEM LAB LIMITED

APPENDIX IV

ASSAY CERTIFICATES

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.

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

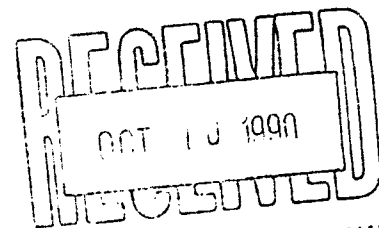
DATE: SEPT 18 1990

REPORT#: 900446 GA
JOB#: 900446

PROJECT#: BLUE GOLD
SAMPLES ARRIVED: SEPT 11 1990
REPORT COMPLETED: SEPT 18 1990
ANALYSED FOR: Au ICP

INVOICE#: 900446 NA
TOTAL SAMPLES: 39
SAMPLE TYPE: 39 SOIL
REJECTS: DISCARDED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____
Steve Todoruk

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1088 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: 900446 GA

JOB NUMBER: 900446

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
L1150 000W	5
L1150 025W	20
L1150 050W	nd
L1150 075W	5
L1150 100W	nd
L1150 125W	5
L1150 150W	nd
L1150 175W	nd
L1150 200W	20
L1150 225W	nd
L1150 250W	nd
L1150 275W	10
L1150 300W	nd
L1150 325W	nd
L1150 350W	nd
L1150 375W	nd
L1150 400W	15
L1150 425W	nd
L1150 450W	nd
L1150 475W	nd
L1150 500W	nd
L1150 525W	10
L1150 550W	nd
L1150 575W	20
L1150 600W	10
L1150 625W	nd
L1150 650W	25
L1150 700W	15
L1150 725W	nd
L1150 750W	15
L1150 775W	15
L1150 800W	20
L1150 850W	10
L1150 875W	10
L1150 900W	nd
L1150 925W	10
L1150 950W	20
L1150 975W	5
L1150 1000W	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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: *Rynath*

REPORT #: 900446 PA

PAKICON DEVELOPMENTS LTD.

PROJECT: BLUE GOLD

DATE IN: SEPT 11 1990

DATE OUT: OCT 09 1990

ATTENTION: MR. STEVE TODORUK

PAGE 1 OF 1

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
L1150 000W	0.4	2.73	<3	209	<3	0.20	2.2	13	22	25	4.03	0.11	1.13	1209	16	0.03	18	0.06	<2	<2	2	19	<5	<3	163
L1150 025W	0.3	3.23	<3	144	<3	0.24	2.5	17	12	24	7.04	0.17	1.73	1968	25	0.03	11	0.07	<2	<2	<2	17	<5	<3	240
L1150 050W	0.1	0.74	<3	94	<3	0.28	<0.1	4	6	9	0.79	0.03	0.18	132	7	0.01	<1	0.06	3	<2	33	19	<5	<3	64
L1150 075W	0.3	2.22	<3	42	<3	0.07	0.6	6	14	23	4.01	0.07	0.48	550	11	0.03	6	0.14	<2	<2	10	6	<5	<3	81
L1150 100W	0.2	3.38	<3	70	<3	0.10	1.4	11	20	28	6.33	0.15	0.66	1197	9	0.02	8	0.06	<2	<2	<2	10	<5	<3	86
L1150 125W	0.1	4.13	<3	153	<3	0.09	1.5	9	19	22	4.34	0.10	1.23	435	16	0.02	12	0.06	<2	<2	<2	9	<5	<3	130
L1150 150W	0.4	3.30	<3	94	<3	0.09	1.5	10	16	32	3.85	0.09	0.61	585	8	0.02	9	0.08	<2	<2	<2	10	<5	<3	74
L1150 175W	0.3	3.24	<3	81	<3	0.10	1.9	8	22	26	6.04	0.14	0.56	301	16	0.02	5	0.06	<2	<2	3	11	<5	<3	82
L1150 200W	0.2	2.46	<3	55	<3	0.10	1.1	9	17	19	2.69	0.06	0.56	324	8	0.02	6	0.08	<2	<2	20	14	<5	<3	56
L1150 225W	0.3	3.71	<3	34	<3	0.08	0.2	11	17	35	4.48	0.09	0.72	603	7	0.02	7	0.07	<2	<2	3	9	<5	<3	79
L1150 250W	0.1	2.73	<3	66	<3	0.07	0.9	9	16	17	3.46	0.06	0.69	378	8	0.02	3	0.05	<2	<2	12	9	<5	<3	70
L1150 275W	0.3	2.81	<3	47	<3	0.06	1.1	9	14	21	3.82	0.08	0.62	495	8	0.02	6	0.06	<2	<2	9	9	<5	<3	70
L1150 300W	<0.1	1.25	<3	62	<3	0.04	<0.1	7	10	9	1.35	0.02	0.19	100	7	0.02	4	0.04	8	<2	31	8	<5	<3	40
L1150 325W	<0.1	3.03	<3	99	<3	0.05	1.7	10	18	44	3.97	0.10	1.31	682	10	0.02	10	0.08	<2	<2	<2	7	<5	<3	114
L1150 350W	<0.1	3.36	<3	253	<3	0.16	3.3	20	19	122	5.09	0.13	1.44	2863	9	0.03	12	0.05	<2	<2	<2	10	<5	<3	181
L1150 375W	<0.1	1.49	<3	147	<3	0.17	1.6	14	12	23	3.76	0.08	0.33	3258	9	0.02	5	0.10	73	<2	18	13	<5	<3	109
L1150 400W	<0.1	4.38	<3	98	<3	0.08	2.3	16	19	77	5.27	0.14	1.02	2610	10	0.03	10	0.12	<2	<2	<2	10	<5	<3	140
L1150 425W	<0.1	3.27	<3	>1000	<3	0.51	2.4	14	13	45	4.77	0.18	0.94	6797	9	0.04	2	0.33	<2	<2	<2	42	<5	<3	181
L1150 450W	<0.1	1.84	<3	77	<3	0.06	1.9	8	12	19	3.63	0.08	0.36	1086	9	0.02	2	0.12	<2	<2	14	10	<5	<3	81
L1150 475W	<0.1	3.24	<3	106	<3	0.05	1.5	14	17	59	4.57	0.10	0.99	1475	12	0.02	11	0.06	<2	<2	<2	9	<5	<3	107
L1150 500W	<0.1	2.80	<3	83	<3	0.02	2.0	14	14	74	4.63	0.10	0.79	1793	8	0.02	7	0.08	<2	<2	<2	6	<5	<3	104
L1150 525W	<0.1	2.05	<3	96	<3	0.04	1.8	10	12	36	4.24	0.08	0.54	1114	10	0.03	3	0.14	<2	<2	7	8	<5	<3	88
L1150 550W	<0.1	2.54	<3	145	<3	0.16	1.2	12	14	40	4.43	0.11	0.74	1954	10	0.03	1	0.10	<2	<2	9	15	<5	<3	94
L1150 575W	<0.1	2.54	<3	58	<3	0.02	3.1	9	11	81	5.93	0.11	0.52	983	11	0.03	<1	0.20	<2	<2	<2	4	<5	<3	80
L1150 600W	<0.1	3.72	<3	59	<3	0.07	2.2	9	13	46	4.41	0.10	0.49	623	9	0.03	<1	0.06	<2	<2	<2	8	<5	<3	97
L1150 625W	0.5	2.46	<3	215	<3	0.28	6.9	22	27	137	4.25	0.12	1.32	3382	18	0.03	54	0.11	<2	<2	2	17	<5	<3	438
L1150 650W	0.2	3.58	<3	369	<3	0.23	1.8	16	23	77	4.62	0.14	1.09	1339	11	0.03	16	0.03	<2	<2	<2	16	<5	<3	151
L1150 700W	0.3	2.28	<3	89	<3	0.08	1.9	14	15	58	3.84	0.08	1.05	1345	8	0.03	7	0.06	<2	<2	3	7	<5	<3	116
L1150 725W	<0.1	2.09	<3	53	<3	0.03	2.2	9	14	29	4.73	0.08	0.52	598	11	0.02	<1	0.11	<2	<2	10	8	<5	<3	85
L1150 750W	<0.1	2.53	<3	165	<3	0.11	2.0	12	18	37	4.97	0.10	0.67	1910	9	0.03	4	0.15	<2	<2	7	11	<5	<3	137
L1150 775W	<0.1	2.20	<3	167	<3	0.17	5.4	17	16	81	3.76	0.09	1.34	1549	8	0.03	18	0.05	<2	<2	<2	11	<5	<3	157
L1150 800W	<0.1	3.64	<3	206	<3	0.14	3.5	15	19	80	4.82	0.14	0.87	1495	11	0.06	7	0.04	<2	<2	4	12	<5	<3	185
L1150 850W	<0.1	2.89	<3	51	<3	0.07	1.7	14	13	54	4.42	0.10	0.87	986	10	0.04	<1	0.13	<2	<2	7	11	<5	<3	114
L1150 875W	<0.1	2.33	<3	148	<3	0.20	2.2	17	16	70	3.71	0.11	1.45	1543	7	0.03	3	0.05	<2	<2	4	12	<5	<3	105
L1150 900W	<0.1	2.62	<3	102	<3	0.29	2.0	18	25	65	4.20	0.12	1.70	1266	8	0.03	5	0.04	<2	<2	6	14	<5	<3	112
L1150 925W	<0.1	2.28	<3	163	<3	0.22	2.2	18	20	75	3.77	0.11	1.51	1466	7	0.03	<1	0.05	<2	<2	6	14	<5	<3	97
L1150 950W	<0.1	2.04	<3	139	<3	0.27	1.9	17	17	58	3.52	0.10	1.39	1246	7	0.03	<1	0.05	<2	<2	11	22	<5	<3	84
L1150 975W	<0.1	1.89	<3	151	<3	0.20	2.1	15	15	49	3.31	0.09	1.27	1162	5	0.03	<1	0.05	<2	<2	5	15	<5	<3	89
L1150 1000W	<0.1	1.80	<3	131	<3	0.18	1.3	14	13	42	3.12	0.08	1.26	1017	6	0.03	<1	0.04	<2	<2	8	11	<5	<3	77

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
1088 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900233 GA JOB NUMBER: 900233 PANICON DEVELOPMENTS LTD. PAGE 1 OF 1

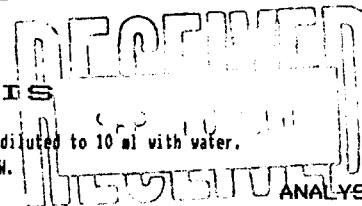
SAMPLE #	Au
L4000 000W	20
L4000 025W	nd
L4000 050W	nd
L4000 075W	25
L4000 100W	nd
L4000 125W	30
L4000 150W	25
L4000 175W	20
L4000 200W	nd
L4000 225W	25
L4000 250W	10
L4000 275W	25
L4000 300W	5
L4000 325W	5
L4000 350W	10
L4000 375W	nd
L4000 400W	10
L4000 425W	5
L4000 450W	15
L4000 475W	20
L4000 500W	25
L4000 525W	5
L4000 550W	nd
L4000 575W	15
L4000 600W	nd
L4000 625W	5
L4000 650W	nd
L4000 675W	15
L4000 700W	nd
L4000 725W	10
L4000 750W	nd
L4000 775W	nd
L4000 800W	15
L4000 825W	nd
L4000 850W	nd
L4000 875W	5
L4000 900W	nd

samples off property to the north

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

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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: *Reginald*

REPORT #: 900233 PA PAMICON DEVELOPMENTS LTD. PROJECT: BLUE GOLD-GOLD DATE IN: AUG 13 1990 DATE OUT: SEPT 06 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
L4000 000W	0.8	3.54	<3	34	7	0.59	2.8	30	39	79	5.44	0.19	1.06	739	22	<0.01	29	0.11	31	<2	27	34	<5	14	99
L4000 025W	0.5	4.22	<3	46	<3	0.45	3.8	28	34	58	6.23	0.24	0.67	586	21	<0.01	9	0.06	20	<2	22	31	<5	<3	83
L4000 050W	0.8	4.34	<3	38	66	0.45	3.1	28	32	45	5.44	0.22	0.69	1053	14	<0.01	17	0.08	23	<2	26	30	<5	<3	85
L4000 075W	1.0	3.37	<3	54	<3	0.56	2.4	27	29	35	4.59	0.21	0.64	995	16	<0.01	15	0.08	19	<2	21	39	<5	<3	87
L4000 100W	0.8	3.66	<3	32	<3	0.39	1.5	19	25	46	4.17	0.16	0.63	798	15	<0.01	14	0.11	<2	<2	22	32	<5	<3	98
L4000 125W	1.1	4.66	<3	71	<3	0.30	4.5	30	46	100	8.48	0.37	1.43	1084	20	<0.01	44	0.07	25	<2	18	25	<5	<3	134
L4000 150W	0.8	4.05	<3	48	<3	0.36	1.6	21	30	43	4.52	0.19	0.72	1218	15	<0.01	10	0.11	10	<2	23	27	<5	<3	111
L4000 175W	0.6	4.11	<3	103	46	0.39	4.3	31	34	42	6.03	0.28	0.72	4225	14	<0.01	18	0.18	15	<2	21	33	<5	<3	176
L4000 200W	0.8	2.85	<3	93	<3	0.63	4.8	36	25	54	6.04	0.23	0.83	2841	9	<0.01	13	0.21	19	<2	22	49	<5	<3	123
L4000 225W	0.7	4.74	<3	71	<3	0.40	3.5	35	38	98	6.18	0.28	1.49	1159	21	<0.01	19	0.07	16	<2	24	32	<5	<3	133
L4000 250W	1.2	2.83	<3	176	<3	0.70	3.8	38	37	87	4.93	0.23	0.86	6596	16	<0.01	24	0.18	33	<2	21	39	<5	<3	168
L4000 275W	0.8	3.04	<3	133	<3	0.50	4.7	36	30	49	7.01	0.33	0.67	979	16	<0.01	6	0.17	41	<2	30	31	<5	<3	98
L4000 300W	0.5	2.24	<3	60	<3	0.32	2.0	20	24	39	4.15	0.21	0.45	507	11	<0.01	<1	0.09	15	<2	25	20	<5	<3	85
L4000 325W	0.6	3.82	<3	88	<3	0.46	2.9	31	30	86	5.70	0.24	0.94	3090	15	<0.01	15	0.12	12	<2	22	38	<5	<3	140
L4000 350W	0.5	3.21	<3	59	<3	0.93	4.4	41	34	65	5.59	0.28	1.66	1760	16	<0.01	13	0.07	13	<2	25	41	<5	<3	141
L4000 375W	0.5	4.19	<3	126	<3	0.55	4.2	35	39	186	5.90	0.30	1.72	2707	21	<0.01	23	0.08	23	<2	22	38	<5	<3	150
L4000 400W	0.5	4.12	<3	82	<3	0.79	5.2	36	35	119	7.05	0.32	1.57	1821	22	<0.01	14	0.22	17	<2	24	50	<5	<3	121
L4000 425W	<0.1	2.19	26	161	<3	1.64	2.3	20	19	77	3.02	0.04	1.10	1892	15	<0.01	<1	0.10	4	<2	25	33	<5	<3	95
L4000 450W	0.6	4.84	<3	145	<3	1.04	3.4	48	41	240	6.46	0.31	1.97	2865	20	<0.01	20	0.12	24	<2	25	56	<5	<3	139
L4000 475W	0.6	5.09	<3	127	<3	1.36	3.3	54	63	243	7.03	0.30	2.86	2015	27	<0.01	31	0.06	27	<2	29	100	<5	<3	163
L4000 500W	1.1	4.36	<3	35	<3	0.20	4.0	24	39	61	5.41	0.29	0.75	1151	22	<0.01	16	0.10	36	<2	22	12	<5	<3	154
L4000 525W	0.7	3.16	13	72	<3	0.34	3.6	29	34	63	5.03	0.29	0.58	2330	23	<0.01	2	0.13	28	<2	28	19	<5	<3	121
L4000 550W	1.2	2.41	<3	45	<3	0.28	2.8	18	29	49	5.34	0.26	0.45	593	18	<0.01	<1	0.15	25	<2	24	17	<5	<3	112
L4000 575W	1.4	2.60	49	35	<3	0.14	3.9	19	23	99	5.70	0.25	0.49	2193	18	<0.01	9	0.11	130	<2	14	6	<5	<3	307
L4000 600W	1.0	2.34	17	48	<3	0.23	1.8	17	29	56	4.31	0.28	0.59	1547	18	<0.01	4	0.21	34	<2	15	12	<5	<3	166
L4000 625W	0.8	1.83	114	110	<3	0.86	5.1	24	20	115	6.14	0.30	0.35	4311	26	<0.01	55	0.27	53	<2	17	80	<5	<3	392
L4000 650W	0.2	0.91	42	58	<3	0.20	1.5	5	10	43	2.61	0.13	0.27	686	12	<0.01	10	0.17	11	<2	18	6	<5	<3	182
L4000 675W	0.7	1.59	68	77	<3	0.15	5.1	14	22	94	5.28	0.23	0.26	1196	18	<0.01	40	0.16	35	<2	11	4	<5	<3	216
L4000 700W	0.9	1.78	41	109	<3	0.43	2.4	30	22	175	5.43	0.32	0.68	1635	17	<0.01	30	0.14	43	<2	15	16	<5	<3	158
L4000 725W	0.6	1.82	21	81	<3	0.21	2.8	18	19	56	3.70	0.23	0.55	2582	20	<0.01	9	0.25	34	<2	20	9	<5	<3	136
L4000 750W	0.7	4.53	4	93	<3	0.24	2.7	25	31	185	6.00	0.32	1.49	2364	19	<0.01	17	0.13	32	<2	21	15	<5	<3	204
L4000 775W	0.5	3.60	<3	177	<3	0.33	5.0	25	27	107	5.53	0.30	1.01	2278	16	<0.01	6	0.09	40	<2	17	20	<5	<3	213
L4000 800W	0.3	2.59	33	54	<3	0.24	4.3	18	25	61	5.03	0.24	0.70	872	16	<0.01	1	0.14	38	<2	16	12	<5	<3	134
L4000 825W	0.4	3.53	<3	528	<3	0.43	3.9	27	32	96	5.23	0.28	0.85	1905	17	<0.01	<1	0.14	40	<2	25	19	<5	<3	111
L4000 850W	0.6	3.91	<3	85	<3	0.68	2.8	57	34	194	6.50	0.34	2.34	1866	20	<0.01	12	0.08	28	<2	24	40	<5	<3	136
L4000 875W	0.6	4.04	<3	131	<3	0.29	4.1	41	31	212	5.99	0.32	1.19	1383	16	<0.01	8	0.07	47	<2	19	24	<5	<3	147
L4000 900W	0.5	3.42	<3	150	<3	0.52	4.9	100	28	137	5.92	0.27	0.97	4777	17	<0.01	13	0.25	92	<2	19	47	<5	<3	180

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.

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: JULY 23 1990

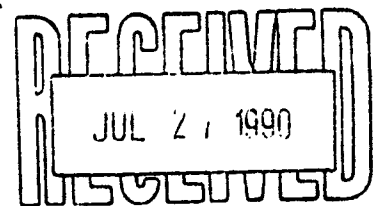
REPORT#: 900115 GA
JOB#: 900115

PROJECT#: GOLD
SAMPLES ARRIVED: JULY 18 1990
REPORT COMPLETED: JULY 23 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900115 NA
TOTAL SAMPLES: 1
SAMPLE TYPE: 1 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: VGC Staff

SIGNED: _____

Raymond

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900115 GA

JOB NUMBER: 900115

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #

Au
ppb
100

2102

sample off property to north

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VAN HEUCHEM LABORATORIES LIMITED

1988 Triumph Street, Vancouver, B.C. V5L 1K5
 Ph: (604)251-5656 Fax: (604)254-5717

ICAP GEOCHEMICAL ANALYSES

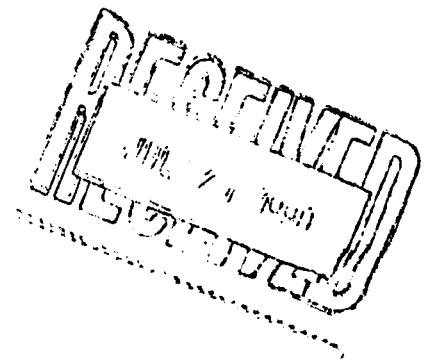
A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O at 95° C for 90 minutes and is diluted to 10 ml with water.
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: Raymond

REPORT #: 900115 PA PAMICON DEVELOPMENTS LTD. PROJECT: GOLD DATE IN: JULY 18 1990 DATE OUT: JULY 24 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
2102	2.2	.78	61	6	42	.29	8.0	83	28	33	>10.00	.04	.49	219	15	.03	25	.04	79	18	16	13	<5	<3	73
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



GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: JULY 23 1990

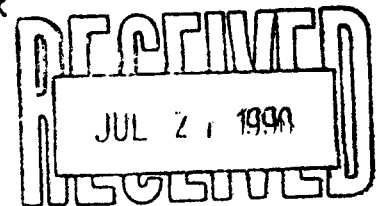
REPORT#: 900116 GA
JOB#: 900116

PROJECT#: GOLD
SAMPLES ARRIVED: JULY 18 1990
REPORT COMPLETED: JULY 23 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900116 NA
TOTAL SAMPLES: 8
SAMPLE TYPE: HEAVY SEDIMENT
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: VGC Staff

SIGNED: _____

Raymond

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900116 GA

JOB NUMBER: 900116

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #

Au

ppb

2101

nd

2104

10

2105

10

2106

nd

2201

nd

2202

nd

2203

nd

2204

nd

samples off property to smith

" " "

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

ICAP GEOCHEMICAL ANALYSES

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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: *Raymond*

REPORT #: 900116 PA PAMICON DEVELOPMENTS LTD. PROJECT: GOLD DATE IN: JULY 18 1990 DATE OUT: JULY 25 1990 ATTENTION: MR. STEVE TODORUK PAGE 1 OF 1

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
2101	<0.1	2.51	50	72	15	.94	6.3	25	78	70	4.65	.15	1.75	822	14	.01	35	.11	77	11	17	49	15	11	145
2104	<0.1	2.36	44	66	15	.61	5.1	23	47	62	4.13	.09	1.61	832	13	.01	41	.08	69	10	13	37	9	4	130
2105	<0.1	2.69	50	85	14	.94	4.7	22	43	81	4.97	.14	1.83	958	13	.01	32	.11	69	11	13	37	8	10	148
2106	.2	2.53	42	123	8	.50	5.8	19	45	63	4.46	.07	1.74	892	11	.01	30	.08	57	4	11	31	<5	13	185
2201	<0.1	2.60	53	65	9	.54	4.7	24	39	71	4.61	.09	1.71	899	13	.01	22	.11	72	9	16	42	10	7	215
2202	<0.1	2.60	58	91	11	.45	5.2	25	34	71	4.58	.08	1.67	966	14	.01	27	.09	84	15	16	40	22	15	203
2203	<0.1	2.55	61	93	15	.74	5.3	28	50	100	5.09	.12	1.62	1031	14	.01	39	.09	77	12	15	38	17	12	155
2204	<0.1	2.89	61	60	10	.89	5.3	24	46	72	4.78	.13	1.55	1084	15	.01	32	.07	70	10	16	74	8	18	166
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

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: AUG 03 1990

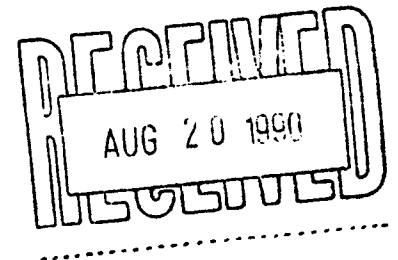
REPORT#: 900153 GA
JOB#: 900153

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: JULY 27 1990
REPORT COMPLETED: AUG 03 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900153 NA
TOTAL SAMPLES: 33
SAMPLE TYPE: 33 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: VGC Staff

SIGNED: _____

Signature

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900153 GA

JOB NUMBER: 900153

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb	
2107	nd	} samples off property to north
2108	nd	
2109	nd	
2110	130	
2111	1060	
2112	40	} " " "
2113	20	
2114	20	
2115	2430	
2116	10	
2117	290	
2118	480	
31901	100	
31902	30	
31903	20	
31904	60	
31905	6400	
31906	230	
31907	630	
31908	150	
31909	320	
31910	3100	
31911	200	
31912	290	
31913	100	
31914	300	
31915	680	
31916	360	
31917	50	
31918	310	
31919	120	
31920	30	
31921	20	

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

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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 #: 900153 PA PAMICON DEVELOPMENTS LTD. PROJECT: BLUE GOLD-GOLD DATE IN: JULY 27 1990 DATE OUT: AUG 14 1990 ATTENTION: MR. STEVE TODORUK PAGE 1 OF 1

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
2107	<0.1	0.44	78	9	<3	2.42	1.3	16	38	51	4.71	0.24	0.20	627	9	0.06	<1	0.07	57	19	6	49	7	14	<1
2108	0.1	1.68	319	8	23	1.79	2.2	72	128	71	>10.00	0.26	1.48	1324	24	0.02	199	0.15	98	91	20	14	8	15	126
2109	<0.1	0.74	39	64	<3	2.38	<0.1	4	44	15	2.60	0.23	0.80	679	7	<0.01	11	0.05	37	7	6	26	5	10	428
2110	0.2	0.50	9	114	<3	0.29	<0.1	15	58	204	2.26	0.14	0.09	397	4	0.07	<1	0.08	33	<2	2	9	<5	9	<1
2111	10.5	0.15	823	10	18	<0.01	63.7	14	88	346	8.40	0.15	0.03	<1	21	<0.01	50	0.03	717	86	9	3	<5	19	13007
2112	10.2	1.23	185	24	86	>10.00	3.1	65	41	13065	6.57	0.36	1.35	4261	28	<0.01	<1	0.28	319	63	15	80	14	17	509
2113	<0.1	1.76	116	26	<3	1.82	<0.1	16	62	310	3.86	0.21	1.00	1471	14	0.05	<1	0.10	52	49	11	62	<5	4	79
2114	<0.1	0.57	11	128	<3	0.10	<0.1	2	65	20	1.53	0.12	0.06	<1	1	0.07	<1	0.11	29	<2	3	12	<5	6	<1
2115	4.4	0.09	<3	5	18	<0.01	<0.1	2	105	4782	1.10	0.11	0.02	<1	4	0.05	<1	0.11	116	7	<2	3	<5	10	58
2116	0.3	0.57	12	17	45	1.07	<0.1	6	97	11690	2.87	0.16	0.27	687	11	<0.01	<1	0.21	53	13	4	6	10	12	400
2117	9.7	0.10	124	9	126	0.57	<0.1	18	178	>20000	9.00	0.19	0.04	211	28	<0.01	<1	0.48	185	77	7	9	13	17	435
2118	10.7	0.08	222	9	102	3.18	<0.1	13	118	16941	9.09	0.26	0.04	194	18	<0.01	<1	0.34	589	121	6	30	<5	21	270
31901	0.4	1.66	682	8	89	1.61	11.9	250	141	320	>10.00	0.41	0.94	464	39	0.01	40	0.09	181	280	40	119	7	23	36
31902	0.1	0.96	208	11	32	0.99	6.2	62	56	293	9.93	0.25	0.44	375	20	0.01	41	0.12	67	83	17	106	30	21	46
31903	<0.1	1.42	60	69	18	0.75	2.3	33	46	48	3.45	0.14	0.76	355	14	<0.01	20	0.08	25	3	12	56	44	<3	34
31904	1.2	0.05	16	49	6	1.68	101.7	8	102	1153	0.91	0.20	0.34	692	8	2.80	9	0.02	2485	<2	4	34	19	37	15668
31905	4.7	0.15	1863	8	4	0.15	15.7	10	195	181	5.20	0.11	0.04	75	16	0.73	34	0.05	107	61	8	5	29	19	4034
31906	0.6	0.46	<3	31	<3	5.49	2.1	2	27	2653	0.81	0.35	0.12	848	5	<0.01	6	0.07	14	<2	4	53	68	7	79
31907	3.0	0.51	<3	127	8	4.08	0.9	3	29	4777	0.94	0.29	0.12	585	4	0.01	7	0.08	17	<2	4	77	26	10	48
31908	0.7	0.67	<3	21	<3	8.20	1.1	3	25	2665	0.79	0.38	0.23	1056	7	<0.01	11	0.06	20	<2	6	80	57	7	63
31909	2.0	0.54	<3	18	5	9.30	1.7	9	51	4401	2.36	0.37	0.16	1404	7	0.02	19	0.24	19	<2	6	50	45	15	43
31910	40.0	0.74	103	42	158	4.49	5.4	25	55	>20000	4.17	0.35	0.59	1192	14	0.09	32	0.57	72	56	10	60	27	16	248
31911	3.5	2.23	413	143	67	1.11	7.6	86	65	3597	>10.00	0.33	1.55	902	38	0.04	55	0.10	107	169	26	82	37	16	132
31912	2.4	1.75	119	37	53	1.56	2.5	61	56	5449	3.85	0.21	1.38	1297	17	0.03	32	0.16	47	36	15	81	5	6	101
31913	2.0	0.61	40	63	37	1.95	3.0	47	132	7576	3.12	0.21	0.36	961	13	0.03	19	0.13	34	7	6	50	<5	12	79
31914	5.0	1.36	258	165	113	2.16	8.9	36	65	10970	>10.00	0.41	0.48	618	26	0.02	59	0.36	93	134	21	425	50	13	103
31915	49.0	1.19	183	13	135	5.58	4.0	38	53	11667	6.00	0.42	1.01	1457	23	0.05	31	0.23	115	101	13	174	<5	28	148
31916	2.6	0.53	640	3	97	0.26	14.0	712	125	237	>10.00	0.42	0.30	131	33	0.01	82	0.05	293	319	31	9	7	59	42
31917	0.3	0.08	<3	31	<3	0.06	1.1	13	29	2098	1.31	<0.01	0.02	41	12	<0.01	4	0.04	19	<2	3	867	11	10	17
31918	1.0	0.97	192	14	26	0.22	6.1	47	80	621	7.54	0.15	0.47	246	26	0.01	38	0.09	89	88	15	103	<5	19	64
31919	0.6	0.48	<3	10	<3	0.41	1.4	24	66	828	3.20	<0.01	0.26	211	7	0.05	6	0.07	11	<2	4	75	54	5	27
31920	0.3	0.27	153	3	9	1.20	3.9	39	58	133	7.62	0.19	0.17	381	12	0.05	28	0.03	62	56	10	72	<5	21	14
31921	0.2	0.56	1300	124	149	0.44	21.9	49	120	103	>10.00	0.80	0.16	1123	352	0.02	133	0.09	343	646	50	14	<5	106	82

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 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.

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: AUG 16 1990

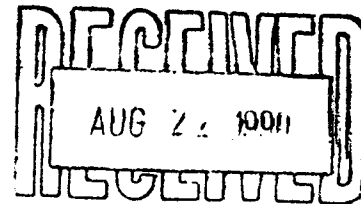
REPORT#: 900153 AB
JOB#: 900153

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: JULY 27 1990
REPORT COMPLETED: AUG 16 1990
ANALYSED FOR: Cu Zn

INVOICE#: 900153 NB
TOTAL SAMPLES: 9
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 9 ROCK

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1088 TRIUMPH ST.~~
~~VANCOUVER, B.C. V5L 1K5~~
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900153 AB

JOB NUMBER: 900153

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Zn %
2111	--	.78
2112	1.47	--
2116	1.07	--
2117	2.53	--
2118	1.36	--
31904	--	1.45
31910	4.26	--
31914	1.36	--
31915	1.50	--

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.01

ppm = parts per million

< = less than

signed: _____

Raymond G.

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: AUG 03 1990

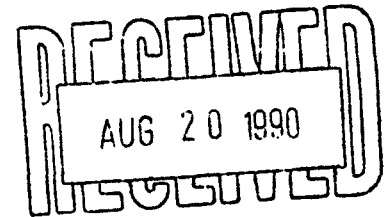
REPORT#: 900153 AA
JOB#: 900153

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: JULY 27 1990
REPORT COMPLETED: AUG 03 1990
ANALYSED FOR: Au

INVOICE#: 900153 NA
TOTAL SAMPLES: 3
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 3 ROCK

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: Raymond Chan

SIGNED:

Raymond Chan

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900153 AA

JOB NUMBER: 900153

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
2115	.076
31905	.188
31910	.094

DETECTION LIMIT

.005

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____



GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: AUG 15 1990

REPORT#: 900181 GA
JOB#: 900181

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 03 1990
REPORT COMPLETED: AUG 15 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900181 NA
TOTAL SAMPLES: 24
SAMPLE TYPE: 24 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: VGC Staff

SIGNED: _____

Raymond

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900181 GA

JOB NUMBER: 900181

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
2119	120
2120	20
2121	50
2122	80
2123	310
2124	20
2125	10
2126	20
2127	10
2128	20
2129	10
2130	nd
2131	nd
2132	20
2206	10
2207	20
2208	30
2209	20
31923	810
31924	170
31925	30
31926	20
31927	30

off property to north

" "

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.

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

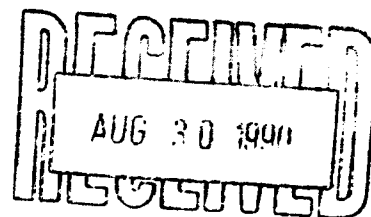
DATE: AUG 24 1990

REPORT#: 900181 AB
JOB#: 900181

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 03 1990
REPORT COMPLETED: AUG 24 1990
ANALYSED FOR: Ag

INVOICE#: 900181 NB
TOTAL SAMPLES: 2
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 2 ROCK

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED:

Raymond Chan

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1980 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: 900181 AB

JOB NUMBER: 900181

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #

Ag
oz/st

2121

1.45

located off claims to north

DETECTION LIMIT

.01

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.00018

ppm = parts per million

< = less than

signed: _____

Raymond G.

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6

Ph: (604)251-5656 Fax: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

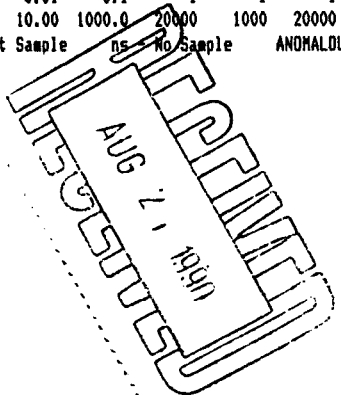
A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *Ryan*

REPORT #: 900181 PA PANICON DEVELOPMENTS LTD. PROJECT: BLUE GOLD-GOLD DATE IN: AUG 03 1990 DATE OUT: AUG 22 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
2119	2.7	0.05	3	77	48	0.48	1.0	3	89	3592	0.85	0.06	0.02	185	9	0.01	22	0.03	1779	<2	6	84	<5	<3	64
2120	1.0	0.17	<3	551	37	1.36	6.3	2	204	1388	0.64	0.05	0.13	514	6	0.17	17	0.04	1253	<2	4	41	<5	10	823
2121	>50.0	0.07	321	41	<3	1.31	9.9	<1	138	7908	1.97	0.10	0.08	316	14	0.08	15	0.02	8	359	5	13	10	<3	315
2122	4.4	0.09	<3	17	6	0.28	3.2	3	210	7442	1.47	0.10	0.05	181	10	0.01	26	0.02	69	<2	6	5	<5	<3	30
2123	25.0	0.05	37	11	<3	0.95	7.5	11	98	14349	8.74	0.04	0.03	182	37	0.08	32	0.11	341	66	11	12	<5	<3	33
2124	1.7	0.06	<3	30	60	1.99	3.3	<1	237	3341	0.93	0.08	0.06	456	8	0.02	19	0.04	98	<2	8	28	8	<3	98
2125	0.2	0.82	<3	>1000	78	4.99	5.2	<1	62	62	4.61	<0.01	1.21	2568	11	0.06	23	0.05	<2	<2	8	127	12	32	87
2126	0.2	2.10	<3	21	<3	0.78	12.2	8	119	27	>10.00	<0.01	1.23	725	19	0.09	34	0.04	13	19	13	20	8	81	60
2127	0.2	0.64	56	46	<3	0.34	4.7	10	58	37	2.02	0.15	0.26	280	18	<0.01	34	0.06	69	34	9	16	<5	13	51
2128	0.1	0.71	<3	59	<3	0.59	5.0	3	80	5	4.14	0.12	0.21	735	15	0.02	23	0.06	<2	<2	12	10	14	37	101
2129	0.1	0.70	<3	243	10	1.38	1.1	<1	73	<1	1.80	0.07	0.41	456	10	0.01	31	0.02	<2	<2	8	29	10	35	42
2130	<0.1	1.08	<3	135	<3	7.16	4.6	<1	39	<1	2.79	0.02	0.72	1024	9	0.03	25	0.05	<2	<2	7	123	13	48	66
2131	0.1	1.21	6	31	<3	0.61	5.3	11	47	28	3.13	0.13	0.84	779	15	0.02	41	0.04	35	4	10	12	5	38	78
2132	0.2	0.35	11	52	121	1.24	6.5	10	163	15	3.19	0.21	0.10	309	16	<0.01	43	0.02	31	<2	12	30	7	10	29
2206	0.3	1.52	<3	21	15	>10.00	4.8	17	82	128	2.31	<0.01	1.39	1157	12	0.03	60	0.05	13	<2	17	94	7	47	62
2207	0.3	1.11	10	37	<3	1.92	5.1	11	59	28	3.04	0.12	0.57	944	11	0.03	54	0.04	50	11	10	39	<5	37	110
2208	0.1	0.18	<3	43	<3	>10.00	10.7	3	36	410	5.96	<0.01	4.50	3740	17	0.09	56	0.04	<2	<2	13	63	9	<3	30
2209	0.3	0.19	<3	25	<3	>10.00	17.6	<1	48	34	3.75	<0.01	4.17	2177	23	0.20	92	0.09	3	<2	14	152	11	<3	726
31923	0.4	2.88	<3	6	<3	0.19	14.7	20	33	74	>10.00	0.03	1.96	591	24	0.11	56	0.07	126	14	19	11	12	111	68
31924	0.4	0.30	<3	5	<3	0.13	16.7	16	148	23	>10.00	<0.01	0.11	90	35	0.14	67	0.02	93	<2	18	8	14	<3	215
31925	<0.1	2.25	<3	173	<3	3.28	10.3	21	101	110	3.61	0.20	1.76	1017	19	0.03	82	0.07	19	<2	21	659	13	83	72
31926	<0.1	1.31	<3	875	46	4.12	6.7	7	71	58	2.08	0.19	0.76	1135	17	0.01	60	0.05	26	<2	13	321	10	50	94
31927	<0.1	0.43	<3	46	81	0.55	3.7	5	80	29	1.12	0.14	0.21	370	16	<0.01	70	0.02	12	<2	12	28	8	18	38

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.

GEOCHEMICAL ANALYTICAL REPORT

=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

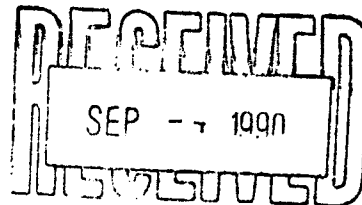
DATE: AUG 16 1990

REPORT#: 900214 GA
JOB#: 900214

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 10 1990
REPORT COMPLETED: AUG 16 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900214 NA
TOTAL SAMPLES: 7
SAMPLE TYPE: 7 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

A handwritten signature in cursive script, appearing to read "Steve Todoruk", written over a dashed line.

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900214 GA

JOB NUMBER: 900214

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au	
2133	ppb	} north of claims
2134	nd	
2135	nd	
30501	1180	} location unknown
30502	nd	
31928	nd	} north of claims
31929	1980	

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

VANGEOCHEM LAI 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 HNO₃ to H₂O 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: *Ryan*

REPORT #: 900214 PA

PANICON DEVELOPMENTS LTD.

PROJECT: BLUE GOLD-GOLD

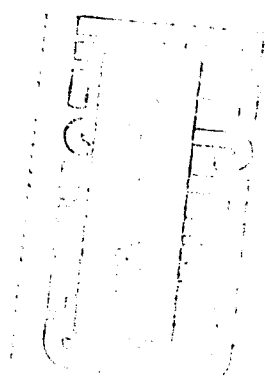
DATE IN: AUG 10 1990

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	
2133	0.1	2.06	<3	167	<3	1.36	2.7	11	60	15	2.00	0.02	0.74	395	8	<0.01	16	0.02	5	<2	8	70	<5	<3	73	
2134	<0.1	0.41	<3	23	<3	2.13	7.2	50	40	51	>10.00	0.21	1.35	345	36	<0.01	42	<0.01	46	<2	23	78	9	<3	32	
2135	<0.1	3.46	<3	447	<3	5.56	3.6	31	72	41	6.79	<0.01	2.66	1502	14	<0.01	43	0.07	4	<2	11	196	<5	<3	74	
30501	>50.0	0.01	1077	9	<3	1.60	215.9	52	91	1826	>10.00	0.18	0.04	420	78	<0.01	16	<0.01	3702	26	25	5	7	<3	>20000	
30502	0.4	0.32	<3	25	<3	6.27	9.5	28	46	30	>10.00	<0.01	0.82	834	39	<0.01	<1	<0.01	99	<2	27	203	7	<3	380	
31928	<0.1	0.96	<3	21	<3	0.17	1.3	7	73	286	2.17	0.13	0.54	727	16	<0.01	<1	0.03	29	<2	5	5	5	<3	63	
31929	13.0	0.76	<3	8	<3	6.10	5.8	18	59	>20000	2.55	<0.01	0.39	413	18	<0.01	<1	0.02	36	<2	14	99	<5	<3	250	
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
~~1088 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.

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: SEPT 04 1990

REPORT#: 900214 AA
JOB#: 900214

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 10 1990
REPORT COMPLETED: SEPT 04 1990
ANALYSED FOR: Cu Zn Ag

INVOICE#: 900214 NB
TOTAL SAMPLES: 2
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 2 ROCK

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

RECEIVED
SEP 10 1990
REGISTERED

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: *Raymond Chan*

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1088 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: 900214 AA

JOB NUMBER: 900214

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Zn %	Ag oz/st
30501	--	2.81	2.33
31929	1.72	--	--

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.01

ppm = parts per million

.01

< = less than

signed: _____

Raymond Lee

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: AUG 15 1990

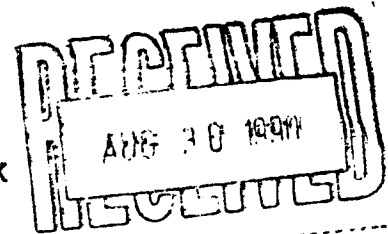
REPORT#: 900232 GA
JOB#: 900232

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 13 1990
REPORT COMPLETED: AUG 15 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900232 NA
TOTAL SAMPLES: 2
SAMPLE TYPE: 2 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900232 GA

JOB NUMBER: 900232

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #

Au

ppb

2140

60

2142

130

} north of claims

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

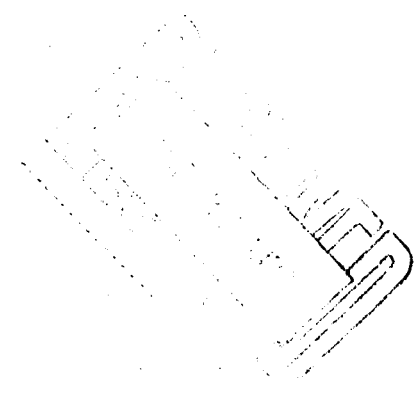
A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *[Signature]*

REPORT #: 900232 PA PANICON DEVELOPMENTS LTD. PROJECT: BLUE GOLD-GOLD DATE IN: AUG 13 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
2140	4.0	0.45	<3	4	12	1.48	1.3	415	75	480	7.37	<0.01	0.80	228	24	<0.01	27	0.05	40	<2	14	40	<5	<3	13
2142	12.0	0.04	122	5	<3	3.86	6.1	127	31	3165	>10.00	<0.01	1.92	2385	28	<0.01	25	<0.01	273	<2	17	52	5	<3	137
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, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT

=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: AUG 27 1990

REPORT#: 900253 GA
JOB#: 900253

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 17 1990
REPORT COMPLETED: AUG 27 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900253 NA
TOTAL SAMPLES: 5
SAMPLE TYPE: 5 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

RECEIVED
SEP 10 1990
REGISTERED

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____
Raymond

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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: 900253 GA

JOB NUMBER: 900253

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb	
2136	> 10000	} north of claims
2137	80	
2138	40	
2139	30	
2141	180	

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

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.

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: AUG 27 1990

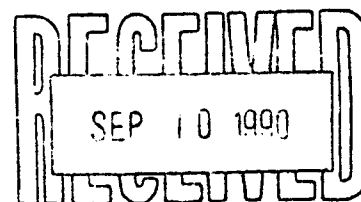
REPORT#: 900253 AA
JOB#: 900253

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 17 1990
REPORT COMPLETED: AUG 27 1990
ANALYSED FOR: Au

INVOICE#: 900253 NA
TOTAL SAMPLES: 1
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 1 ROCK

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: Raymond Chan

SIGNED: _____

Raymond Chan
Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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: 900253 AA

JOB NUMBER: 900253

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #

Au
oz/st

2136

.472

DETECTION LIMIT

.005

1 troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

Raymond Lee

VANGEOCHEM LAB LIMITED

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 HNO₃ to H₂O 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: *Rogers*

REPORT #: 900253 PA PANICON DEVELOPMENTS LTD. PROJECT: BLUE GOLD-GOLD DATE IN: AUG 17 1990 DATE OUT: SEPT 07 1990 ATTENTION: MR. STEVE TODORUK PAGE 1 OF 1

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
2136	5.0	0.06	18	10	<3	1.97	4.4	18	96	3895	2.46	<0.01	0.20	676	26	<0.01	39	0.03	538	11	13	18	<5	<3	47
2137	0.1	3.28	<3	46	<3	0.91	3.5	49	63	90	5.92	0.56	2.66	1544	23	<0.01	27	0.07	30	<2	29	41	<5	<3	83
2138	0.9	1.50	<3	13	86	0.24	2.6	22	51	435	5.28	1.32	1.23	550	20	<0.01	27	0.05	26	<2	8	4	9	<3	97
2139	<0.1	0.34	<3	23	<3	2.03	17.3	70	72	17	>10.00	4.27	2.45	535	74	<0.01	79	<0.01	146	55	56	51	<5	<3	71
2141	1.7	0.05	<3	6	<3	6.28	9.3	308	58	144	>10.00	<0.01	3.13	2611	86	<0.01	43	<0.01	108	27	31	103	6	<3	40

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.

RECEIVED
 SEP 10 1990
 RECEIVED

1630 PANDORA STREET
VANCOUVER, BC V5L 1L8
(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1088 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.

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: SEPT 05 1990

REPORT#: 900306 GA
JOB#: 900306

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 24 1990
REPORT COMPLETED: SEPT 05 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900306 NA
TOTAL SAMPLES: 34
SAMPLE TYPE: 34 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

RECEIVED
SEP 26 1990
RESULTS

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
4988 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: 900306 GA JOB NUMBER: 900306 PANICON DEVELOPMENTS LTD. PAGE 1 OF 1

SAMPLE #	Au
2143	50
2144	60
2145	60
2146	40
2147	20
2148	70
2149	30
2150	20
2151	140
2152	10
2153	30
2211	nd
2212	70
2213	180
2214	100
31932	760
31933	1340
31934	770
31935	430
31936	250
31937	400
31938	290
31939	250
31940	1260
31941	1260
31942	120
31943	20
31944	1060
31945	80
31946	900
31947	80
31948	90
31949	20
31950	40

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

ASSAY ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: SEPT 27 1990

REPORT#: 900306 AA
JOB#: 900306

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 24 1990
REPORT COMPLETED: SEPT 27 1990
ANALYSED FOR: Ag

INVOICE#: 900306 NA
TOTAL SAMPLES: 1
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 1 ROCK

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

RECEIVED
SEP 28 1990
REGISTERED

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: Raymond Chan
Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900306 AA

JOB NUMBER: 900306

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Ag oz/st
31941	1.33

DETECTION LIMIT

.01

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.00014

ppm = parts per million

< = less than

signed: _____

Raymond K

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

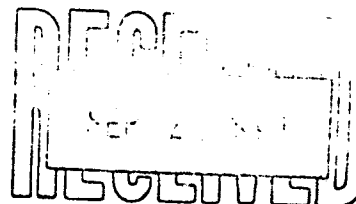
DATE: SEPT 28 1990

REPORT#: 900306 AB
JOB#: 900306

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 24 1990
REPORT COMPLETED: SEPT 28 1990
ANALYSED FOR: Cu Zn

INVOICE#: 900306 NA
TOTAL SAMPLES: 2
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 2 ROCK

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED:

Raymond Chan

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900306 AB

JOB NUMBER: 900306

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Zn %
2145	1.20	2.37
31948	7.85	4.22

DETECTION LIMIT

1 troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.01

ppm = parts per million

< = less than

signed: _____

[Handwritten Signature]

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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.

RECEIVED
SEP 20 1990
ANALYST: *[Signature]*

REPORT #: 900306 PA PANICON DEVELOPMENTS LTD. PROJECT: BLUE GOLD-GOLD DATE IN: AUG 24 1990 DATE OUT: SEPT 26 1990 ATTENTION: MR. STEVE TOBORUK 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
2143	1.1	0.42	64	3	<3	0.05	7.6	17	109	33	>10.00	0.03	0.23	121	19	0.02	18	0.03	139	35	6	7	<5	<3	112
2144	1.3	0.34	<3	3	<3	0.06	13.3	18	81	107	>10.00	0.03	0.13	69	15	0.03	15	0.03	363	34	7	8	<5	<3	680
2145	7.9	0.26	<3	3	<3	1.15	260.0	30	67	15246	>10.00	0.05	0.07	1111	20	0.60	25	0.01	840	35	7	105	<5	<3	>20000
2146	0.7	0.20	<3	3	<3	0.18	10.9	10	71	123	>10.00	0.04	0.09	190	16	0.03	14	0.02	293	41	8	13	<5	<3	343
2147	<0.1	0.30	26	33	<3	0.74	1.0	3	72	27	3.05	0.02	0.34	409	5	0.01	5	0.01	24	<2	2	12	<5	<3	46
2148	0.6	1.98	<3	3	<3	1.51	15.1	105	41	163	>10.00	0.10	2.31	1722	22	0.05	29	0.05	510	92	17	35	<5	<3	359
2149	<0.1	0.94	<3	11	<3	0.72	3.9	10	95	49	8.37	0.03	1.06	782	7	0.02	8	0.02	99	11	5	12	<5	<3	153
2150	<0.1	0.37	7	9	<3	0.43	2.4	3	41	5	5.11	0.02	0.35	678	5	<0.01	5	0.02	49	<2	3	46	<5	<3	44
2151	2.2	0.39	153	17	<3	0.18	2.4	6	58	16	3.71	0.01	0.11	75	13	<0.01	7	0.05	64	2	3	7	<5	<3	71
2152	<0.1	0.43	11	34	<3	1.15	3.9	8	107	15	4.28	0.03	0.62	315	5	0.01	6	0.03	39	<2	3	12	<5	<3	244
2153	1.8	0.32	84	41	<3	0.93	4.1	3	36	41	2.16	0.02	0.06	450	3	0.01	5	0.04	686	<2	<2	24	<5	<3	495
2211	<0.1	0.08	52	14	<3	0.05	0.1	<1	223	618	0.56	<0.01	0.04	85	1	<0.01	5	<0.01	14	<2	<2	3	<5	<3	10
2212	12.7	0.42	218	40	<3	0.09	2.1	14	30	77	3.16	<0.01	0.03	28	4	<0.01	12	0.04	44	9	4	4	<5	<3	52
2213	14.6	0.56	477	201	<3	0.23	0.9	13	15	53	2.24	<0.01	0.05	29	3	<0.01	4	0.07	54	10	6	17	<5	<3	7
2214	1.1	0.27	153	22	<3	0.20	1.3	16	72	37	2.72	<0.01	0.02	12	4	<0.01	7	0.05	39	5	5	48	<5	<3	11
31932	5.9	0.31	1476	5	<3	0.01	7.4	3	76	311	8.01	0.01	0.03	23	12	0.02	7	0.01	156	127	4	7	<5	<3	546
31933	24.0	0.22	1739	5	<3	0.01	4.8	4	51	102	8.45	0.02	0.02	29	29	0.01	14	0.01	181	166	4	4	<5	<3	216
31934	14.2	0.20	1728	4	<3	0.01	8.1	7	56	83	>10.00	0.02	0.02	27	29	0.02	12	0.01	243	130	5	5	<5	<3	342
31935	4.9	0.15	663	3	<3	0.02	29.1	8	129	63	>10.00	0.03	0.02	34	15	0.08	9	0.01	294	87	6	11	<5	<3	3589
31936	1.8	0.19	367	14	<3	<0.01	1.2	4	128	42	3.07	<0.01	0.02	23	10	<0.01	4	0.02	103	11	<2	13	<5	<3	65
31937	10.7	0.28	1292	6	<3	0.02	8.8	12	58	75	7.91	0.02	0.03	32	12	0.02	27	0.02	263	138	4	28	<5	<3	855
31938	7.6	0.18	714	9	<3	<0.01	7.1	3	128	81	6.09	0.01	0.01	28	21	0.02	11	0.02	1155	59	3	4	<5	<3	643
31939	1.6	0.23	236	11	<3	0.02	2.2	10	46	48	3.81	<0.01	0.03	34	8	<0.01	6	0.03	91	4	2	28	<5	<3	139
31940	21.1	0.22	1975	4	<3	0.04	4.1	8	54	77	>10.00	0.02	0.06	64	35	0.01	20	0.02	152	192	5	8	<5	<3	25
31941	>50.0	0.23	>2000	3	<3	0.02	10.3	13	92	181	>10.00	0.04	0.04	32	59	0.03	28	0.02	264	271	8	4	<5	<3	60
31942	4.3	0.34	1288	3	<3	0.03	17.0	19	72	85	>10.00	0.06	0.38	161	13	0.06	35	0.03	244	402	12	6	<5	<3	1515
31943	2.4	1.53	238	10	<3	0.13	6.1	36	16	45	6.82	0.02	1.57	701	11	0.02	13	0.07	96	21	6	7	<5	<3	553
31944	20.1	0.55	1379	3	<3	0.03	20.7	21	72	105	>10.00	0.04	0.61	233	23	0.06	24	0.03	195	175	9	10	<5	<3	2505
31945	2.5	0.35	31	11	<3	0.02	3.7	6	17	43	6.85	0.01	0.05	15	6	0.01	7	0.02	86	11	4	3	<5	<3	62
31946	34.0	0.27	>2000	4	<3	0.02	33.4	24	39	7315	>10.00	0.03	0.03	36	15	0.12	16	0.02	2130	264	7	3	<5	<3	5509
31947	2.2	1.78	108	11	<3	0.08	50.1	19	72	3401	5.87	0.01	1.83	844	16	0.13	14	0.06	108	11	6	7	<5	<3	7260
31948	29.0	0.42	20	3	<3	0.03	488.8	21	104	>20000	>10.00	0.03	0.29	163	23	0.94	21	<0.01	755	33	9	5	<5	<3	>20000
31949	2.7	0.43	62	11	<3	0.05	11.7	5	49	6549	4.17	<0.01	0.33	208	7	0.03	<1	0.03	61	3	3	11	<5	<3	1203
31950	1.2	1.81	36	11	<3	0.05	27.1	9	54	2531	5.75	0.01	2.17	1249	17	0.05	8	0.03	58	9	7	7	<5	<3	2570

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.

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: SEPT 11 1990

REPORT#: 900341 GA
JOB#: 900341

PROJECT#: BLUE GOLD
SAMPLES ARRIVED: AUG 30 1990
REPORT COMPLETED: SEPT 11 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900341 NA
TOTAL SAMPLES: 12
SAMPLE TYPE: 12 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

RECEIVED
OCT -4 1990
RECEIVED

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____
Raymond

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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: 900341 GA

JOB NUMBER: 900341

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
2166	80
2167	20
2168	30
2169	60
2170	1280
2171	70
2172	120
2173	230
2174	160
2175	870
2176	140
2177	70

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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: *Roy*

REPORT #: 900341 PA

PANICON DEVELOPMENTS LTD.

PROJECT: BLUE GOLD

DATE IN: AUG 30 1990

DATE OUT: OCT 01 1990

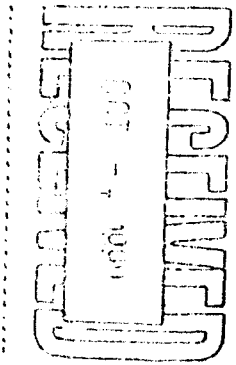
ATTENTION: MR. STEVE TODORUK

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
2166	1.9	1.81	<3	15	<3	1.70	48.8	37	116	413	8.51	0.29	0.58	888	14	0.31	13	0.07	152	3	13	120	<5	<3	10429
2167	2.1	0.05	<3	11	<3	1.93	97.9	311	32	1098	>10.00	1.25	0.04	1177	26	0.60	23	<0.01	121	92	26	7	<5	<3	18899
2168	2.8	0.46	<3	12	<3	1.39	406.8	405	56	1459	>10.00	1.00	0.13	1120	14	2.69	22	<0.01	112	58	24	2	<5	<3	>20000
2169	4.2	2.31	<3	16	<3	3.20	51.2	27	62	371	>10.00	0.41	0.79	2014	16	0.31	16	0.03	13443	<2	15	14	<5	<3	10297
2170	2.3	2.11	535	7	<3	3.24	11.2	331	156	2463	>10.00	0.62	0.84	2516	23	0.05	45	0.06	122	20	18	15	<5	<3	430
2171	0.7	0.30	<3	11	<3	>10.00	8.0	27	26	123	8.21	0.26	0.54	5024	11	0.04	25	<0.01	179	30	9	157	<5	<3	321
2172	<0.1	2.34	<3	30	<3	6.72	3.7	19	98	7	7.15	0.35	0.77	3914	13	0.02	24	0.02	<2	<2	11	20	<5	<3	125
2173	6.0	0.82	291	4	<3	4.77	13.0	625	57	2910	>10.00	1.13	0.17	2661	28	0.07	57	0.05	103	78	23	15	6	<3	207
2174	<0.1	2.00	<3	19	<3	>10.00	3.3	102	49	245	8.30	0.39	0.79	3048	13	0.02	60	<0.01	<2	3	11	120	<5	<3	99
2175	>50.0	2.24	<3	11	819	>10.00	8.1	23	60	>20000	8.70	0.39	0.29	2381	48	0.05	14	<0.01	584	<2	16	21	<5	<3	198
2176	3.6	2.87	<3	27	<3	2.40	2.4	126	59	5662	3.64	0.20	2.05	1242	16	0.03	17	0.05	<2	<2	16	130	<5	<3	156
2177	5.2	4.19	<3	16	<3	1.88	4.5	49	53	11642	5.43	0.24	4.03	1857	31	0.05	32	0.02	<2	<2	22	41	<5	<3	267

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.

IMPRIMÉ AU CANADA



ASSAY ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

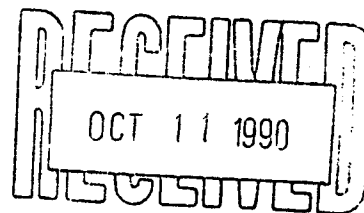
DATE: OCT 10 1990

REPORT#: 900341 AA
JOB#: 900341

PROJECT#: BLUE GOLD
SAMPLES ARRIVED: AUG 30 1990
REPORT COMPLETED: OCT 10 1990
ANALYSED FOR: Cu Pb Zn Ag

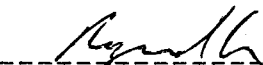
INVOICE#: 900341 NB
TOTAL SAMPLES: 6
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 6 ROCK PULP

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: 

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900341 AA

JOB NUMBER: 900341

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st
2166	--	--	1.03	--
2167	--	--	1.80	--
2168	--	--	8.67	--
2169	--	.90	1.02	--
2175	3.75	--	--	1.60
2176	1.14	--	--	--

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.01

ppm = parts per million

.01

.01

< = less than

signed: _____

[Handwritten Signature]

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1088 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.

GEOCHEMICAL ANALYTICAL REPORT

=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: SEPT 12 1990

REPORT#: 900347 GA
JOB#: 900347

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 30 1990
REPORT COMPLETED: SEPT 12 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900347 NA
TOTAL SAMPLES: 32
SAMPLE TYPE: 32 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

RECEIVED
OCT -4 1990
REGISTERED

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

Raymond H.

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1986 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: 900347 GA JOB NUMBER: 900347 PANICON DEVELOPMENTS LTD. PAGE 1 OF 1

SAMPLE #	Au ppb
2154	60
2155	20
2156	10
2157	40
2158	50
2159	30
2160	20
2161	20
2162	nd
2163	20
2215	40
2216	20
2217	10
2218	140
2219	100
2220	30
2221	20
2222	300
55901	60
55902	780
55903	740
55904	150
55905	40
55906	20
55907	50
55908	50
55909	90
55910	40
55911	440
55912	40
55913	30
55914	10

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

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
 Ph: (604)251-5636 Fax: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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: *R. Smith*

REPORT #: 900347 PA PAMICON DEVELOPMENT LTD. PROJECT: BLUE GOLD-GOLD DATE IN: AUG 30 1990 DATE OUT: OCT 2 1990 ATTENTION: MR. STEVE TODDRUK 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
2154	0.8	0.76	<3	3	<3	0.35	6.6	49	60	86	>10.00	0.47	0.46	206	38	0.04	13	0.02	170	44	18	28	<5	<3	96
2155	0.2	0.93	<3	32	<3	1.45	0.5	8	109	22	2.35	0.14	0.99	1036	8	0.01	8	0.02	<2	<2	5	143	<5	<3	36
2156	0.4	0.11	<3	131	<3	>10.00	<0.1	3	59	711	0.95	0.12	0.36	3215	5	0.03	28	0.02	180	12	3	210	<5	<3	21
2157	0.2	0.59	<3	3	<3	0.55	4.6	22	108	21	>10.00	0.34	0.48	407	16	0.04	9	<0.01	58	33	14	17	<5	<3	64
2158	2.0	0.23	<3	3	<3	0.10	6.4	12	73	662	>10.00	0.19	0.03	27	13	0.03	9	<0.01	41	23	8	3	<5	<3	370
2159	1.1	0.29	<3	3	<3	0.36	4.8	12	101	40	>10.00	0.35	0.12	166	17	0.04	5	<0.01	259	37	13	8	<5	<3	57
2160	1.1	0.16	<3	2	<3	1.55	53.4	21	75	1323	>10.00	0.50	0.36	864	17	0.26	6	<0.01	857	46	17	31	<5	<3	8351
2161	<0.1	0.22	<3	39	<3	>10.00	4.4	17	53	79	5.11	0.24	5.54	1840	13	0.03	22	<0.01	32	22	7	252	<5	<3	114
2162	<0.1	0.36	<3	244	<3	>10.00	3.9	21	23	25	5.01	0.25	6.23	1638	15	0.03	24	<0.01	24	16	8	328	<5	<3	90
2163	<0.1	0.20	<3	201	<3	>10.00	2.6	22	54	62	5.28	0.26	4.41	2028	13	0.03	24	<0.01	23	38	7	181	<5	<3	70
2215	0.3	0.64	<3	3	<3	0.34	4.9	20	74	17	>10.00	0.35	0.47	233	16	0.04	5	0.02	59	32	14	8	<5	<3	60
2216	<0.1	0.11	<3	9	<3	7.58	2.1	3	111	10	4.88	0.27	0.80	4465	6	0.02	2	<0.01	40	11	4	438	<5	<3	72
2217	<0.1	0.62	<3	6	<3	0.23	2.4	6	67	9	5.17	0.11	0.55	299	8	0.02	<1	0.02	<2	8	4	47	<5	<3	58
2218	1.0	0.28	<3	2	<3	0.44	13.2	25	111	500	>10.00	0.47	0.15	294	41	0.07	3	<0.01	326	47	16	21	<5	<3	808
2219	1.0	0.29	<3	2	<3	0.52	4.3	16	74	128	>10.00	0.34	0.22	396	20	0.04	4	<0.01	113	37	13	6	<5	<3	91
2220	0.3	0.31	<3	2	<3	0.10	3.6	5	177	89	>10.00	0.20	0.05	42	10	0.03	5	<0.01	85	22	8	30	<5	<3	54
2221	<0.1	0.50	<3	4	<3	0.33	2.8	5	95	14	9.35	0.18	0.43	406	12	0.03	<1	0.01	10	18	7	40	<5	<3	67
2222	1.2	0.27	<3	2	<3	0.16	10.1	19	111	52	>10.00	0.37	0.04	34	39	0.05	2	<0.01	1297	42	14	5	<5	<3	355
55901	2.1	0.28	<3	13	<3	0.11	20.2	6	96	1161	2.46	0.06	0.06	51	3	0.12	<1	0.03	8885	2	2	13	<5	<3	3768
55902	7.6	0.20	231	3	<3	0.08	5.2	7	76	93	7.01	0.11	0.02	39	58	0.03	86	0.01	390	85	5	16	<5	<3	326
55903	8.7	0.19	386	4	<3	0.05	6.1	4	71	56	5.82	0.09	0.02	29	26	0.05	38	<0.01	263	74	4	11	<5	<3	1205
55904	17.3	0.47	46	7	<3	0.13	9.1	8	85	10255	4.33	0.10	0.17	169	8	0.08	1	0.02	57	11	3	8	<5	<3	2350
55905	15.6	1.50	<3	2	<3	0.14	23.5	15	72	>20000	>10.00	0.25	1.31	809	19	0.12	7	<0.01	<2	<2	13	7	<5	<3	2721
55906	4.2	1.49	<3	5	<3	0.17	1.5	7	90	7052	5.84	0.14	1.44	799	11	0.03	3	<0.01	<2	<2	8	19	<5	<3	251
55907	32.0	0.89	<3	2	<3	0.19	28.8	25	93	>20000	>10.00	0.40	0.69	599	33	0.18	12	<0.01	<2	<2	18	3	<5	<3	3407
55908	6.9	0.68	<3	2	<3	0.09	12.5	10	96	19415	>10.00	0.18	0.54	310	12	0.07	<1	<0.01	102	19	9	17	<5	<3	1327
55909	4.7	0.40	<3	<1	<3	0.18	10.2	18	69	14936	>10.00	0.40	0.27	188	33	0.07	4	<0.01	46	42	16	3	<5	<3	782
55910	1.3	0.20	<3	5	<3	0.19	33.0	7	89	560	4.87	0.09	0.09	220	9	0.18	<1	0.01	140	10	3	26	<5	<3	6139
55911	3.8	0.17	116	<1	<3	0.16	11.3	18	62	161	>10.00	0.37	0.07	68	22	0.06	4	<0.01	194	132	15	4	<5	<3	718
55912	1.7	5.00	<3	1	<3	0.22	12.0	27	72	246	>10.00	0.49	4.61	2104	43	0.07	7	<0.01	<2	7	27	2	<5	<3	851
55913	1.6	0.32	<3	2	<3	0.07	5.5	9	58	169	>10.00	0.19	0.08	26	10	0.03	<1	<0.01	2366	21	7	3	<5	<3	360
55914	0.8	0.31	<3	19	<3	0.02	0.9	1	66	69	1.89	0.05	0.06	9	24	0.02	<1	0.02	90	<2	<2	34	<5	<3	163

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	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.

ASSAY ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: OCT 10 1990

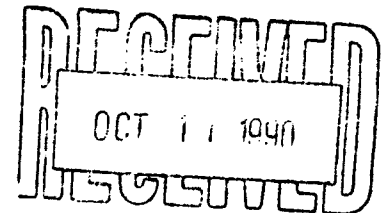
REPORT#: 900347 AA
JOB#: 900347

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: AUG 30 1990
REPORT COMPLETED: OCT 10 1990
ANALYSED FOR: Cu

INVOICE#: 900347 NB
TOTAL SAMPLES: 5
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 5 ROCK PULP

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: Raymond Chan

SIGNED:

Raymond Chan

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900347 AA

JOB NUMBER: 900347

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Cu %
55904	1.18
55905	4.86
55907	13.58
55908	2.57
55909	1.73

DETECTION LIMIT

.01

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

Raymond G.

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.

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

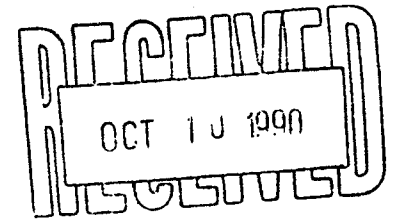
DATE: SEPT 17 1990

REPORT#: 900392 GA
JOB#: 900392

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: SEPT 05 1990
REPORT COMPLETED: SEPT 17 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900392 NA
TOTAL SAMPLES: 20
SAMPLE TYPE: 20 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

[Handwritten signature]

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900392 GA

JOB NUMBER: 900392

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
2164	nd
2165	nd
55915	40
55916	60
55917	20
55918	20
55919	40
55920	190
55921	30
55922	30
55923	20
55924	80
55925	40
55926	70
55927	570
55928	110
55929	130
55930	50
55931	20
55932	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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: *Ryan G*

REPORT #: 900392 PA

PAMICON DEVELOPMENTS LTD.

PROJECT: BLUE GOLD-GOLD

DATE IN: SEPT 05 1990

DATE OUT: OCT 05 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
2164	<0.1	1.06	<3	348	<3	0.08	4.0	20	129	1284	6.93	0.08	0.61	2471	18	0.04	127	<0.01	27	7	8	9	<5	<3	30
2165	<0.1	0.76	<3	39	<3	>10.00	4.8	25	15	330	8.03	0.59	2.85	4668	9	0.07	29	<0.01	63	26	11	164	<5	<3	52
55915	2.6	0.32	<3	2	<3	0.26	10.6	59	88	66	>10.00	0.30	0.08	101	29	0.11	22	<0.01	286	65	19	4	<5	<3	113
55916	0.9	0.23	86	12	<3	0.26	3.3	19	79	18	4.10	0.07	0.05	71	28	0.03	10	0.05	61	4	7	7	<5	<3	17
55917	0.9	0.34	69	9	<3	0.02	4.2	16	36	31	3.55	0.03	0.04	45	6	0.03	86	<0.01	38	<2	3	4	<5	<3	378
55918	1.7	1.22	<3	9	<3	2.03	19.1	25	34	516	5.39	0.23	0.89	1548	12	0.19	16	0.04	613	3	11	80	<5	<3	2435
55919	11.8	0.11	<3	2	<3	0.04	10.0	16	90	>20000	>10.00	0.30	0.04	43	12	0.14	15	<0.01	156	77	18	3	<5	<3	361
55920	2.4	2.46	<3	3	<3	0.12	10.1	15	39	261	>10.00	0.22	2.77	1371	32	0.09	21	0.05	238	77	20	7	<5	<3	223
55921	5.2	0.99	<3	2	<3	0.08	409.5	14	44	9038	>10.00	0.13	0.87	685	20	6.67	19	0.02	1783	30	13	3	<5	<3	>20000
55922	0.5	1.03	<3	9	<3	0.14	8.0	8	57	136	4.38	0.06	0.82	514	11	0.10	16	0.07	1007	<2	6	10	<5	<3	1162
55923	0.5	1.19	<3	12	<3	0.13	10.1	5	21	53	4.06	0.06	0.79	483	9	0.11	11	0.07	422	<2	6	11	<5	<3	1250
55924	1.4	1.66	<3	3	<3	0.15	7.3	14	49	38	>10.00	0.15	1.42	937	20	0.07	20	0.06	104	25	13	6	<5	<3	313
55925	0.5	0.16	25	59	<3	0.03	2.1	2	51	50	1.70	0.02	0.04	42	9	0.03	9	0.03	282	<2	<2	12	<5	<3	119
55926	3.9	0.32	48	7	<3	0.05	5.7	11	83	77	5.61	0.07	0.04	22	13	0.07	15	0.04	307	23	5	12	<5	<3	558
55927	5.7	1.59	207	12	<3	0.02	17.5	17	60	171	5.96	0.07	1.35	960	30	0.15	31	0.02	4739	13	10	4	<5	<3	1888
55928	9.1	0.53	<3	81	<3	<0.01	5.4	3	122	778	3.00	0.03	0.22	155	14	0.04	12	0.01	4856	<2	4	265	<5	<3	397
55929	3.8	1.14	<3	4	<3	0.68	607.6	15	64	624	3.70	0.10	1.02	1477	24	9.36	22	<0.01	459	4	8	92	<5	<3	>20000
55930	1.3	0.24	181	7	<3	0.10	9.9	12	74	38	5.24	0.06	0.03	22	18	0.11	15	0.05	71	15	6	13	<5	<3	1259
55931	5.2	0.86	<3	14	<3	1.50	>1000.0	47	135	10731	2.06	0.17	0.41	198	14	2.42	34	<0.01	12413	<2	7	19	<5	<3	>20000
55932	9.5	1.03	<3	74	<3	5.43	12.2	10	134	12076	1.72	0.31	0.78	473	6	0.05	21	<0.01	99	<2	5	23	<5	<3	372

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 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.

IMPORTE AU CANADA

EXPORTED FROM CANADA

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: OCT 10 1990

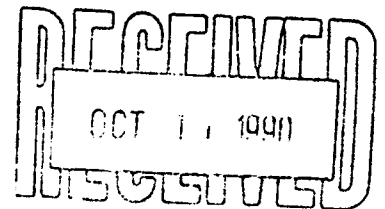
REPORT#: 900392 AA
JOB#: 900392

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: SEPT 05 1990
REPORT COMPLETED: OCT 10 1990
ANALYSED FOR: Cu Pb Zn

INVOICE#: 900392 NB
TOTAL SAMPLES: 5
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 5 ROCK PULP

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: Raymond Chan

SIGNED:

Raymond Chan

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900392 AA

JOB NUMBER: 900392

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Pb %	Zn %
55919	2.23	--	--
55921	--	--	9.67
55929	--	--	12.40
55931	1.18	1.06	3.40
55932	1.32	--	--

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.01

ppm = parts per million

.01

< = less than

signed: _____

Raymond G...

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



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.

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

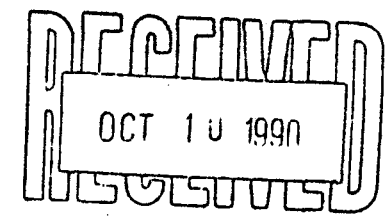
DATE: SEPT 17 1990

REPORT#: 900437 GA
JOB#: 900437

PROJECT#: BLUE GOLD
SAMPLES ARRIVED: SEPT 11 1990
REPORT COMPLETED: SEPT 17 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900437 NA
TOTAL SAMPLES: 2
SAMPLE TYPE: 2 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____
[Handwritten Signature]

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900437 GA

JOB NUMBER: 900437

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #

2178
2179

Au
ppb
10 (ND-007 in field)
20 (ND-008 in field)

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

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 HNO₃ to H₂O 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: *Roy Lh*

REPORT #: 900437 PA

PANICON DEVELOPMENTS LTD.

PROJECT: BLUE GOLD

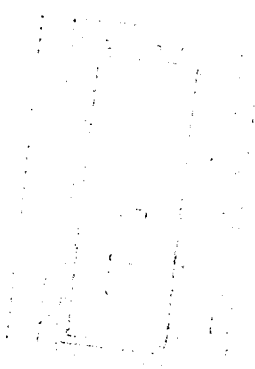
DATE IN: SEPT 11 1990

DATE OUT: OCT 09 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
2178	0.2	0.37	<3	40	<3	<0.01	<0.1	3	140	15	2.72	0.05	0.03	71	7	0.01	147	<0.01	28	6	<2	4	<5	<3	8
2179	1.0	0.19	<3	<1	<3	0.04	4.7	22	59	27	>10.00	0.26	0.02	<1	16	0.02	<1	<0.01	165	22	6	11	<5	<3	210
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.

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

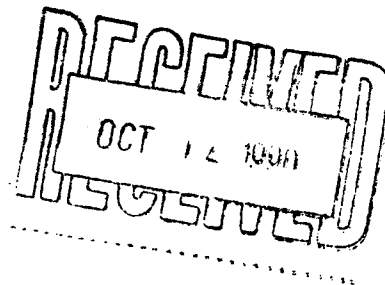
DATE: SEPT 20 1990

REPORT#: 900460 GA
JOB#: 900460

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: SEPT 13 1990
REPORT COMPLETED: SEPT 20 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900460 NA
TOTAL SAMPLES: 21
SAMPLE TYPE: 21 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____
[Handwritten signature]

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1088 TRIUMPH ST.~~
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900460 GA

JOB NUMBER: 900460

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	As ppb
20201	250
20202	310
20203	300
20204	150
20205	nd
20206	90
20207	180
20208	180
20209	180
20210	110
20211	120
20212	140
20213	190
20214	110
55945	120
55946	160
55947	10
55948	320
55949	400
55950	390
65933	40

← must be 55933

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANGEOCHEM LTD LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
 Phi(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 HNO₃ to H₂O 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: *Ryan*

REPORT #: 900460 PA

PANICON DEVELOPMENTS LTD.

PROJECT: BLUE GOLD-GOLD

DATE IN: SEPT 13 1990

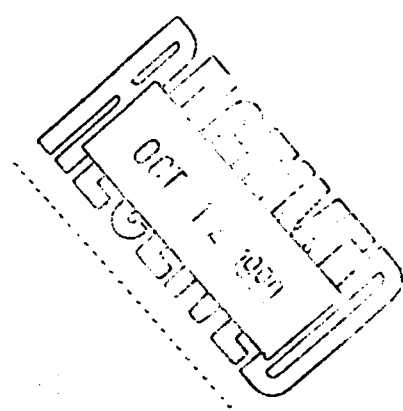
DATE OUT: OCT 11 1990

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
28201	6.1	0.33	60	5	<3	1.60	19.9	793	24	4060	>10.00	0.93	0.09	977	18	0.20	215	<0.01	220	102	26	6	100	<3	519
28202	6.1	0.62	267	4	<3	1.33	11.3	520	34	1189	>10.00	0.87	0.18	1927	18	0.18	236	<0.01	420	101	28	9	93	<3	171
28203	3.8	1.12	<3	11	<3	3.12	8.5	354	29	1953	>10.00	0.71	0.43	2167	15	0.13	99	0.04	150	66	22	4	74	<3	144
28204	4.8	1.12	<3	6	<3	2.50	9.7	246	26	1643	>10.00	0.83	0.18	1723	19	0.15	30	0.02	148	87	26	9	74	<3	76
28205	0.6	0.38	1017	7	<3	3.96	9.7	14	25	101	>10.00	0.65	0.15	4762	15	1.30	7	<0.01	3386	60	18	74	<5	<3	>20000
28206	0.9	0.92	<3	19	<3	3.95	11.0	320	16	2326	>10.00	0.88	0.13	1568	18	0.17	16	<0.01	171	89	26	2	90	<3	364
28207	9.1	1.19	<3	9	<3	4.82	11.6	280	40	8688	>10.00	0.75	0.14	2338	15	0.16	12	<0.01	148	70	23	6	<5	<3	457
28208	4.9	0.99	<3	12	<3	5.38	10.6	580	22	3044	>10.00	0.88	0.09	1884	16	0.17	13	<0.01	147	85	25	6	<5	<3	408
28209	2.5	0.16	<3	5	<3	1.36	10.5	249	17	2670	>10.00	0.81	0.05	305	14	0.17	9	<0.01	155	98	24	<1	>100	<3	95
28210	3.8	1.44	<3	13	<3	5.92	7.7	256	15	8962	>10.00	0.74	0.19	2046	12	0.13	2	<0.01	95	63	22	3	<5	<3	243
28211	3.1	2.00	<3	4	<3	5.59	6.4	234	29	1824	>10.00	0.59	0.33	3707	9	0.09	18	0.03	98	34	19	2	<5	<3	115
28212	2.1	0.16	<3	2	<3	1.01	10.9	315	8	2640	>10.00	0.80	0.05	324	15	0.20	15	<0.01	166	110	28	<1	>100	<3	105
28213	7.0	0.94	<3	11	<3	3.16	11.8	551	18	4186	>10.00	0.85	0.25	1150	21	0.18	28	<0.01	185	100	29	7	88	<3	230
28214	6.0	1.15	<3	12	<3	7.27	8.9	441	11	4462	>10.00	0.76	0.34	2299	15	0.13	37	0.01	109	68	22	19	<5	<3	168
55945	4.2	0.71	<3	<1	<3	0.12	101.9	412	22	1910	>10.00	0.69	0.21	308	15	1.53	142	<0.01	181	99	29	3	<5	<3	>20000
55946	5.2	0.70	<3	3	<3	0.18	52.8	362	21	4387	>10.00	0.67	0.22	555	15	0.77	102	0.02	205	96	28	<1	<5	<3	12383
55947	0.6	1.08	<3	4	<3	7.12	8.6	75	18	384	>10.00	0.63	0.44	2509	9	0.11	<1	<0.01	180	47	17	26	<5	<3	534
55948	3.2	0.53	124	3	<3	2.02	9.3	416	39	959	>10.00	0.80	0.10	820	15	0.18	269	<0.01	213	97	27	9	>100	<3	213
55949	0.8	1.52	<3	3	<3	>10.00	4.5	101	16	414	>10.00	0.54	0.22	3063	7	0.07	1	<0.01	43	24	14	3	<5	<3	54
55950	5.6	0.48	<3	3	<3	2.35	8.3	1067	45	3251	>10.00	0.72	0.18	1754	13	0.16	200	<0.01	172	86	25	2	98	<3	250
65933	1.8	1.08	<3	4	<3	5.89	8.9	64	14	1850	>10.00	0.81	0.56	2714	13	0.14	<1	<0.01	117	74	23	18	<5	<3	141

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.



PRINTED IN CANADA

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

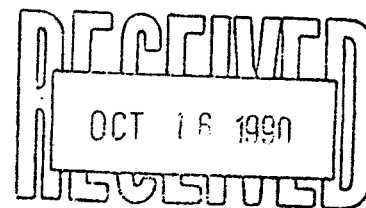
DATE: OCT 15 1990

REPORT#: 900460 AA
JOB#: 900460

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: SEPT 13 1990
REPORT COMPLETED: OCT 15 1990
ANALYSED FOR: Zn

INVOICE#: 900460 NB
TOTAL SAMPLES: 3
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 3 ROCK PULP

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900460 AA

JOB NUMBER: 900460

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Zn %
28205	2.56
55945	2.94
55946	1.26

DETECTION LIMIT

.01

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

Royalty

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~4988 TRIUMPH ST.~~
~~VANCOUVER, B.C. V5L 1K5~~
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: SEPT 20 1990

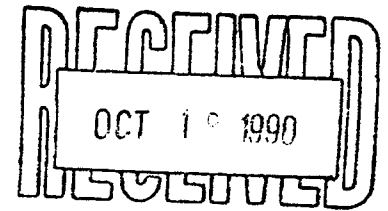
REPORT#: 900500 GA
JOB#: 900500

PROJECT#: BLUEGOLD GOLD 17-20
SAMPLES ARRIVED: SEPT 17 1990
REPORT COMPLETED: SEPT 20 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900500 NA
TOTAL SAMPLES: 11
SAMPLE TYPE: 11 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1088 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: 900500 GA

JOB NUMBER: 900500

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au
	ppb
55934	20
55935	130
55936	260
55937	560
55938	70
55939	110
55940	190
55941	720
55942	430
55943	100
55944	120

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

VANGEOCHEM LTD 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 HNO₃ to H₂O 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 #: 900500 PA

PAMICON DEVELOPMENTS LTD.

PROJECT: BLUEGOLD GOLD 17-20

DATE IN: SEPT 17 1990

DATE OUT: OCT 17 1990

ATTENTION: MR. STEVE TODORUK

PAGE 1 OF 1

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
55934	0.8	0.27	<3	6	<3	2.29	4.6	60	31	339	>10.00	0.47	1.05	1189	15	0.10	10	<0.01	98	46	13	73	<5	<3	177
55935	3.3	1.90	<3	3	<3	0.36	4.6	253	47	2151	>10.00	0.66	0.46	789	22	0.15	6	0.04	107	62	24	10	<5	<3	135
55936	5.1	1.31	59	10	<3	0.27	6.4	206	50	1408	>10.00	0.61	0.41	992	29	0.14	29	0.04	187	56	22	2	<5	<3	125
55937	20.1	1.24	30	14	<3	2.70	23.5	456	48	14946	>10.00	0.69	0.36	1611	20	0.25	364	0.02	111	62	20	2	<5	<3	2293
55938	3.5	2.46	<3	8	<3	>10.00	167.0	92	26	1339	>10.00	0.59	0.85	3828	10	2.20	34	<0.01	72	15	13	36	<5	<3	>20000
55939	5.4	1.72	<3	9	<3	8.02	26.4	29	42	1288	>10.00	0.64	0.41	2508	14	0.41	96	0.04	80	33	16	9	<5	<3	6406
55940	6.1	1.28	<3	19	<3	6.35	6.3	310	26	1647	>10.00	0.69	0.32	3215	17	0.14	191	0.02	92	47	17	7	<5	<3	511
55941	11.1	0.69	246	6	<3	2.72	4.7	374	40	4352	>10.00	0.58	0.17	1709	16	0.12	757	<0.01	89	47	15	3	<5	<3	179
55942	7.0	0.22	114	6	<3	2.54	5.9	520	60	1352	>10.00	0.81	0.17	2215	26	0.17	256	<0.01	164	75	18	8	<5	<3	357
55943	5.9	1.20	<3	10	<3	4.00	5.9	784	25	10857	>10.00	0.70	0.23	1751	20	0.15	12	<0.01	101	55	19	8	<5	<3	380
55944	7.0	0.77	<3	9	<3	2.56	6.8	921	21	4292	>10.00	0.72	0.24	1000	19	0.16	13	<0.01	115	60	19	9	<5	<3	304
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

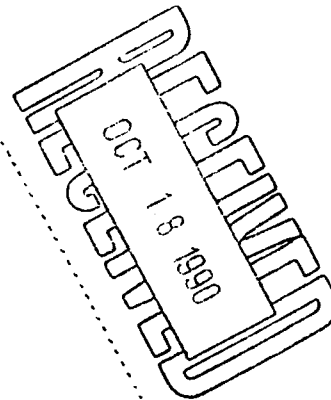
< - Less Than Minimum

> - Greater Than Maximum

is - Insufficient Sample

ns - No Sample

ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.



ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: OCT 19 1990

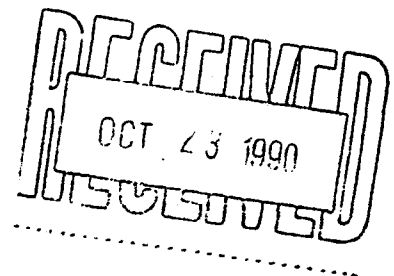
REPORT#: 900500 AA
JOB#: 900500

PROJECT#: BLUEGOLD GOLD 17-20
SAMPLES ARRIVED: SEPT 17 1990
REPORT COMPLETED: OCT 19 1990
ANALYSED FOR: Cu Zn

INVOICE#: 900500 NB
TOTAL SAMPLES: 3
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 3 ROCK PULP

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: Raymond Chan

SIGNED:

Raymond Chan

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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.

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

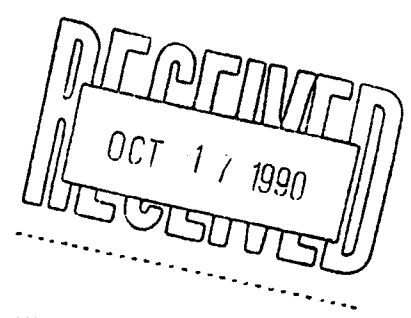
DATE: SEPT 25 1990

REPORT#: 900511 GA
JOB#: 900511

PROJECT#: BLUEGOLD GOLD 17-20
SAMPLES ARRIVED: SEPT 18 1990
REPORT COMPLETED: SEPT 25 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900511 NA
TOTAL SAMPLES: 2
SAMPLE TYPE: 2 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____
[Handwritten signature]

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1988 TRIUMPH ST.~~
~~VANCOUVER, B.C. V5L 1K6~~
● (604) 251-5656
● FAX (604) 254-5717

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

REPORT NUMBER: 900511 GA

JOB NUMBER: 900511

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au
2180	ppb 660
2223	30

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

ASSAY ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

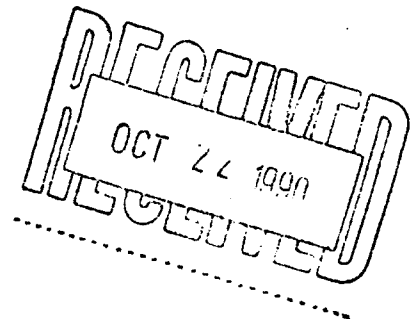
DATE: OCT 17 1990

REPORT#: 900511 AA
JOB#: 900511

PROJECT#: BLUEGOLD GOLD 17-20
SAMPLES ARRIVED: SEPT 18 1990
REPORT COMPLETED: OCT 17 1990
ANALYSED FOR: Cu

INVOICE#: 900511 NB
TOTAL SAMPLES: 1
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 1 ROCK PULP

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900511 AA

JOB NUMBER: 900511

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Cu %
2180	2.30

DETECTION LIMIT

.01

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

[Signature]

ICAP GEOCHEMICAL ANALYSIS

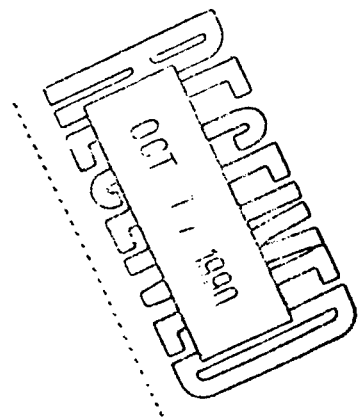
A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: Randy

REPORT #: 900511 PA PAMICON DEVELOPMENTS LTD. PROJECT: BLUGOLD GOLD 17-20 DATE IN: SEPT 18 1990 DATE OUT: OCT 16 1990 ATTENTION: MR. STEVE TODDRUK PAGE 1 OF 1

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
2180	8.9	2.45	<3	37	<3	2.33	6.4	44	49	19195	5.32	0.25	0.90	1130	26	0.07	34	0.05	<2	<2	14	81	<5	<3	493
2223	1.1	2.80	<3	61	<3	2.49	2.2	23	28	818	5.77	0.26	0.94	1627	15	0.06	34	0.05	<2	<2	13	30	<5	<3	62
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	10000	100	1000	1000	20000

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



IMP: PHE AU CANADA

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V6L 1K5
● (604) 251-5656
● FAX (604) 254-5717

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

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

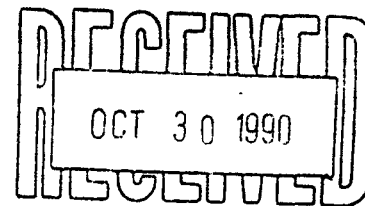
DATE: SEPT 26 1990

REPORT#: 900580 GA
JOB#: 900580

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: SEPT 24 1990
REPORT COMPLETED: SEPT 26 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900580 NA
TOTAL SAMPLES: 4
SAMPLE TYPE: 4 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

A handwritten signature in black ink, appearing to read "Steve Todoruk", written over a dashed horizontal line.

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1988 TRIUMPH ST.~~
~~VANCOUVER, B.C. V6L 1K5~~
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900580 GA

JOB NUMBER: 900580

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
2181	60
2182	50
2183	50
2184	60

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

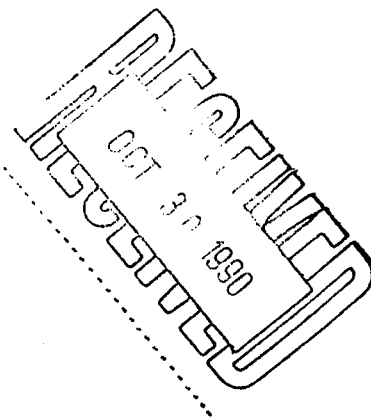
ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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: *Raymond*

REPORT #: 900580 PA PAMICON DEVELOPMENTS LTD. PROJECT: BLUE GOLD-GOLD DATE IN: SEPT 24 1990 DATE OUT: OCT 29 1990 ATTENTION: MR. STEVE TODORUK PAGE 1 OF 1

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	
2181	4.3	0.37	<3	7	<3	6.95	5.3	198	58	8911	>10.00	1.02	0.37	3146	26	0.24	47	<0.01	44	56	<2	50	<5	<3	62	
2182	3.8	0.80	144	23	<3	8.54	2.1	55	22	6712	8.33	0.40	1.19	6311	17	0.11	17	0.03	4	7	<2	28	<5	<3	93	
2183	1.0	0.25	<3	15	<3	5.20	4.3	163	27	2131	>10.00	1.39	1.37	>20000	31	0.32	7	<0.01	77	69	<2	34	<5	<3	62	
2184	2.3	0.34	1005	21	<3	6.61	<0.1	58	24	2610	>10.00	0.73	1.15	>20000	21	0.17	13	<0.01	44	30	<2	57	<5	<3	79	
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.																										



GEOCHEMICAL ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: OCT 10 1990

REPORT#: 900615 GA
JOB#: 900615

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: OCT 01 1990
REPORT COMPLETED: OCT 10 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900615 NA
TOTAL SAMPLES: 37
SAMPLE TYPE: 37 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

RECEIVED
NOV - 6 1990
LABORATORY

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

Signature

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900615 GA

JOB NUMBER: 900615

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au
2185	nd
2186	nd
2187	nd
2188	nd
2189	nd
2190	nd
2191	10
2192	10
2193	40
2194	20
2195	20
2196	50
2197	nd
2198	nd
2199	nd
2225	nd
2226	nd
2227	nd
2228	2500
2229	40
2230	360
2231	20
2232	40
2233	10
2234	nd
30503	nd
30504	60
30505	40
30506	20
30507	10
55551	380
55552	60
55553	80
55554	80
55601	910
55602	750
55603	230

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

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

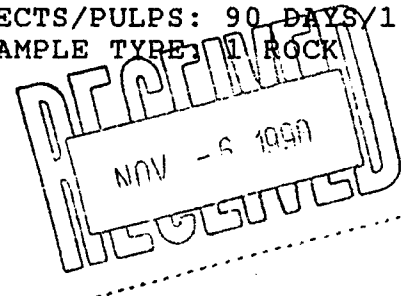
DATE: OCT 10 1990

REPORT#: 900615 AA
JOB#: 900615

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: OCT 01 1990
REPORT COMPLETED: OCT 10 1990
ANALYSED FOR: Au

INVOICE#: 900615 NA
TOTAL SAMPLES: 1
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 1 ROCK

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED:

Raymond Chan

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900615 AA

JOB NUMBER: 900615

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
2228	.074

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

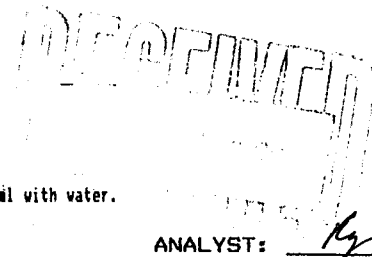
[Handwritten Signature]

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 HNO₃ to H₂O 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: *K. J. ...*

REPORT #: 900615 PA

PAMICON DEVELOPMENTS LTD.

PROJECT: BLUE GOLD-GOLD

DATE IN: OCT 01 1990

DATE OUT: NOV 2 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
2185	0.4	2.41	<3	33	<3	1.60	2.7	50	56	483	4.82	0.20	0.93	653	10	0.07	7	0.03	<2	<2	<2	124	<5	<3	43
2186	<0.1	0.42	<3	135	<3	1.55	3.5	1	124	43	0.88	0.11	0.09	729	3	0.03	3	0.02	<2	<2	<2	19	<5	<3	12
2187	12.6	0.24	<3	253	<3	>10.00	3.7	2	13	7	1.71	0.14	0.16	5652	5	0.08	10	0.02	21	4	<2	187	<5	<3	14
2188	<0.1	0.39	<3	229	<3	>10.00	3.0	3	26	9	1.73	0.21	0.16	4291	5	0.07	13	0.02	6	<2	<2	231	<5	<3	14
2189	<0.1	2.37	<3	24	<3	0.22	2.9	12	73	11	6.21	0.11	1.40	470	17	0.05	64	0.05	<2	<2	<2	5	<5	<3	41
2190	<0.1	1.42	<3	3	<3	0.14	3.2	13	101	11	>10.00	0.16	0.81	307	12	0.08	3	0.04	<2	<2	<2	9	<5	<3	48
2191	<0.1	1.06	<3	6	<3	0.08	2.5	6	107	11	6.17	0.07	0.54	245	14	0.05	2	0.01	<2	<2	<2	107	<5	<3	22
2192	0.1	2.09	<3	2	<3	0.15	3.4	21	103	7	>10.00	0.27	1.12	423	20	0.08	21	<0.01	<2	<2	<2	7	<5	<3	67
2193	0.3	1.73	<3	5	<3	0.12	2.3	14	104	10	6.11	0.09	1.04	321	16	0.06	9	0.05	<2	<2	<2	5	<5	<3	34
2194	0.2	1.31	<3	2	<3	0.24	2.7	18	103	8	>10.00	0.24	0.66	159	15	0.08	8	<0.01	<2	<2	<2	8	<5	<3	34
2195	0.4	0.69	<3	2	<3	0.20	3.3	17	99	19	>10.00	0.27	0.20	96	11	0.09	3	<0.01	28	10	<2	9	<5	<3	38
2196	3.0	0.93	<3	30	<3	0.10	16.1	6	93	2530	3.11	0.06	0.28	269	13	0.31	4	0.04	130	<2	<2	21	<5	<3	3217
2197	<0.1	0.31	<3	22	<3	0.05	<0.1	2	159	41	2.13	0.02	0.05	599	3	0.03	1	<0.01	53	<2	<2	187	<5	<3	80
2198	<0.1	0.21	<3	13	<3	0.68	1.4	1	114	15	2.36	0.07	0.31	699	13	0.05	5	0.01	38	4	<2	84	<5	<3	46
2199	0.1	1.33	<3	24	<3	0.10	2.1	4	77	92	5.25	0.09	0.76	381	8	0.06	6	0.05	<2	<2	<2	16	<5	<3	241
2225	2.6	3.39	<3	6	<3	0.78	3.2	42	71	792	>10.00	0.40	1.47	1100	13	0.11	7	0.04	<2	<2	<2	49	<5	<3	110
2226	0.9	2.66	<3	34	<3	6.36	1.9	29	82	795	7.31	0.35	0.66	3683	14	0.07	15	0.03	<2	<2	<2	116	<5	<3	56
2227	0.4	2.77	<3	14	<3	2.76	2.0	57	67	434	4.62	0.22	1.15	1786	7	0.08	36	0.05	<2	<2	<2	185	<5	<3	138
2228	4.8	2.02	<3	82	<3	2.64	8.5	66	36	6346	4.76	0.25	0.90	1181	13	0.14	26	0.06	150	<2	<2	42	<5	<3	980
2229	0.4	1.99	<3	9	<3	4.33	1.5	21	26	193	6.05	0.32	0.73	634	16	0.05	7	0.14	<2	<2	<2	45	<5	<3	89
2230	5.2	3.51	411	6	<3	2.53	9.4	365	44	2924	>10.00	0.59	0.84	2243	20	0.21	40	0.02	2052	5	<2	58	<5	<3	1011
2231	0.4	0.38	41	15	<3	0.17	2.6	9	86	210	2.13	0.04	0.07	85	11	0.03	6	0.07	329	<2	<2	23	<5	<3	318
2232	0.2	0.24	<3	47	<3	0.02	0.2	1	103	18	0.80	<0.01	0.02	18	5	0.05	4	0.01	189	3	<2	42	<5	<3	12
2233	0.2	0.58	<3	15	<3	0.12	<0.1	4	112	16	2.28	0.04	0.18	107	11	0.03	6	0.06	70	<2	<2	9	<5	<3	159
2234	0.1	0.33	<3	37	<3	0.04	<0.1	1	108	29	1.34	0.01	0.11	89	6	0.03	10	0.02	27	<2	<2	5	<5	<3	168
30503	0.4	3.13	<3	31	<3	2.51	2.0	75	48	372	6.33	0.27	1.85	1672	10	0.09	67	0.06	<2	<2	<2	138	<5	<3	141
30504	0.7	1.84	<3	11	<3	2.29	2.3	51	77	472	5.45	0.24	0.38	463	13	0.06	25	0.05	13	<2	<2	161	<5	<3	31
30505	0.3	1.88	<3	8	<3	3.35	1.7	26	14	109	4.78	0.30	0.53	491	5	0.06	5	0.07	<2	<2	<2	24	<5	<3	38
30506	0.1	0.93	<3	14	<3	0.38	1.4	29	29	88	3.14	0.10	0.22	81	8	0.02	10	0.08	<2	<2	<2	5	<5	<3	25
30507	8.1	2.60	<3	53	<3	1.32	2.4	27	57	12480	5.04	0.17	1.17	813	11	0.09	14	0.05	<2	<2	<2	181	<5	<3	87
55551	2.0	0.56	31	13	<3	0.02	3.7	3	73	169	1.95	0.04	0.06	25	5	0.06	10	<0.01	804	2	<2	11	<5	<3	490
55552	1.1	0.53	80	18	<3	0.21	12.7	27	54	485	4.08	0.09	0.62	1888	10	0.14	28	0.03	219	<2	<2	21	<5	<3	1419
55553	0.5	0.49	<3	15	<3	0.17	<0.1	4	91	22	1.75	0.05	0.09	108	8	0.01	10	0.03	179	<2	<2	32	<5	<3	71
55554	0.9	0.39	42	5	<3	0.03	2.0	12	82	26	3.84	0.07	0.06	49	16	0.01	11	0.01	121	5	<2	4	<5	<3	34
55601	11.0	0.34	>2000	2	<3	0.06	8.3	4	149	143	9.20	0.16	0.03	25	26	0.18	9	<0.01	4917	147	<2	4	<5	<3	1605
55602	28.0	0.30	>2000	2	<3	0.06	2.5	7	109	92	>10.00	0.19	0.04	24	25	0.07	11	<0.01	169	180	<2	2	<5	<3	83
55603	2.3	0.55	30	12	<3	0.26	<0.1	5	88	15	2.01	0.06	0.20	346	5	0.01	12	0.02	108	7	<2	34	<5	<3	47

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.

IMPRIME AU CANADA

ASSAY ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

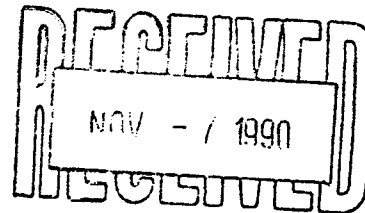
DATE: NOV 05 1990

REPORT#: 900615 AB
JOB#: 900615

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: OCT 01 1990
REPORT COMPLETED: NOV 05 1990
ANALYSED FOR: Cu

INVOICE#: 900615 NB
TOTAL SAMPLES: 1
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 1 ROCK PULP

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED:

Raymond Chan

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & VANCOUVER OFFICE.

REPORT NUMBER: 900615 AB

JOB NUMBER: 900615

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #

Cu
%

30507

1.22

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

Myra L.

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

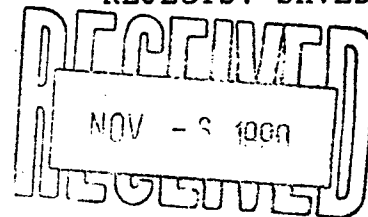
DATE: OCT 04 1990

REPORT#: 900637 GA
JOB#: 900637

PROJECT#: BLUE GOLD-GOLD
SAMPLES ARRIVED: OCT 02 1990
REPORT COMPLETED: OCT 04 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900637 NA
TOTAL SAMPLES: 6
SAMPLE TYPE: 6 ROCK
REJECTS: SAVED

SAMPLES FROM: BRONSON CAMP
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

[Handwritten signature]

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER & BRONSON CAMP.

REPORT NUMBER: 900637 GA

JOB NUMBER: 900637

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au
	ppb
55604	30
55605	nd
55606	60
55607	190
55608	nd
55609	100

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

VANGEOCHEM LTD. 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 HNO₃ to H₂O 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 #: 900637 PA

PANICON DEVELOPMENTS LTD.

PROJECT: BLUE GOLD-GOLD

DATE IN: OCT 2 1990

DATE OUT: NOV 1 1990

ATTENTION: MR. STEVE TODORUK

PAGE 1 OF 1

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
55604	<0.1	0.26	<3	361	<3	0.12	1.8	1	102	9	7.70	0.08	0.04	58	13	0.09	3	0.02	37	12	<2	28	<5	<3	11
55605	0.6	1.20	<3	38	<3	1.05	3.0	24	121	391	7.67	0.21	0.95	872	8	0.10	16	0.03	49	4	<2	77	<5	<3	60
55606	0.5	0.32	<3	6	<3	0.03	1.6	11	137	44	7.07	0.06	0.08	42	18	0.06	13	<0.01	44	13	<2	42	<5	<3	17
55607	2.0	0.30	<3	4	<3	0.10	3.0	31	165	26	>10.00	0.28	0.04	22	15	0.18	16	<0.01	64	17	<2	7	<5	<3	21
55608	<0.1	0.31	5	836	<3	2.00	1.3	2	191	12	1.64	0.12	0.82	741	13	0.03	22	0.02	14	6	<2	205	<5	<3	30
55609	2.2	0.41	<3	17	<3	0.12	3.2	45	109	70	>10.00	0.34	0.11	61	19	0.17	16	<0.01	23	13	<2	48	<5	<3	25
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

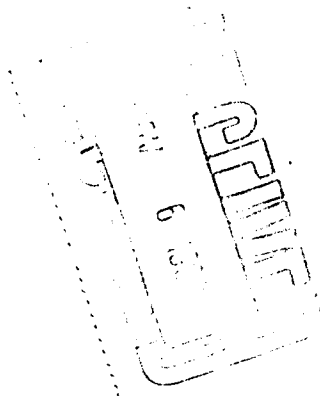
< - Less Than Minimum

> - Greater Than Maximum

is - Insufficient Sample

ns - No Sample

ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.



REPORT NUMBER: 900500 AA

JOB NUMBER: 900500

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Zn %
55937	1.82	--
55938	--	4.48
55943	1.37	--

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.01

ppm = parts per million

< = less than

signed: _____

[Handwritten Signature]

APPENDIX V

ROCK DESCRIPTION FORMS

Sampler John Anderson / Luke Vanzino

Project BLUE GOLD

Location Ref _____

Date July 21 1990

Property GOLD 17-20 CLAIMS

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width Run Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag %T	Ag ppm	Cu	Pb	Zn
2107	Gold 19 1320m NW Slope into Glacier	GRAB Andesite		Andesite	Silicic	Ry 8%	Silicified Zone 1m x 10m.	nd	-	50.1	51	57	45
2108	As above 1340m	Grab		Argillite	Silicic	Fine, diss Pyrite 5%	Bleached, friable, fault zone controlled.	nd	-	0.1	71	98	126
2109	As Above 1345m	Grab.		Argillite	Silicic	Pyrite.	Very fine, euhedral py.	nd	-	40.1	15	37	428
2110	Central W Basin 1320m	Grab		Andesite	Silicic	Pyrite.		130	-	0.2	204	33	45
2111	" "	Grab		Argillite.	Silicic	15% Ry	FLAT. Thin (0.5cm) qtz stockworks Abundance suggests localised source.	1060		10.5	246	717	$\frac{13,081}{0.78\%}$
2112	West side of Gold 18	Grab.		limestone	limonite	Ry, minor Cpy, MnOxide.		40	-	10.2	$\frac{13,065}{1.17\%}$	319	509
2106		H.S.						nd	0.2	63	57	185	42

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler N. DeBoeck
Date Aug 25/90

Project Blue Gold
Property Gold 17-20

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag	As	Cu	Pb	Zn
2166	Morr Cr	Grab	30cm	lmstn	Limy	Pyr	all on W side Mve Ct	80	1.9	43	413	152	10429
167	"	"	"	"	"	Mass Pyr	} one mass pyr lens	20	2.9	43	1098	121	16899
168	"	"	"	"	"	"		30	2.8	43	1459	112	20000
169	"	"	15cm	"	"	PbCuZnFe		60	4.2	43	371	59%	152%
170	"	"	30cm	"	"	FeZnCuAs	425° 90	1280	2.3	535	246	122	430
171	"	"	"	"	"	Fe	} All similar lens in skarny lmstn	70	0.7	43	123	179	321
172	"	"	"	"	"	"		120	4.0	43	7	42	125
173	"	"	"	"	"	"		230	6.0	291	2910	103	207
174	"	"	"	"	"	"		160	4.0	43	245	42	99
175	"	"	"	"	"	Cu+Fe		870	750	43	20000	584	197
176	"	"	"	"	"	"	} Cr. Copper Cliffs	140	3.6	43	5662	42	156
177	"	"	"	"	"	"		70	5.2	43	11641	42	267
2178							ND-007 in field	10	0.2	43	15	28	8
2179							ND-008 in field	20	1.0	43	27	165	210

Sampler Debock B
Date Sept 7/90

Project Blue Gold
Property Gold 17-00

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS						
				Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn		
	Gold 17-20	Grn 6												
28203	"	"		Sharn		massive pyrite magnetite	part of 01 zone	300	3.8	1953	150	114		
04	"	"		"		"	zone 2-3 m wide 30 m long	150	4.8	1643	148	76		
05	"	"		"		massive fine grained laminae pyrite massive pyrite	15-20 m wide	nd	0.6	101	3386	>2000 2.55%		
06	"	"		"		massive pyrite pyrrhotite	main part of sharn zone - 20-30 m thick 50-60 m long 30 m high	90	0.9	2326	171	364		
07	"	"		"	"	massive pyrite pyrrhotite	"	100	9.1	8688	148	488	457	
08	"	"		"	"	massive pyrite chalc mag	"	100	4.9	3044	147	95	408	
09	"	"		"		pyrite pyrrhotite	"	100	2.5	2670	155	203	95	
10	"	"		"		pyrite	"	110	3.8	8962	95	115	213	
11	"	"		"	"	"	"	120	3.1	1824	98	115	115	
12	"	"		"		pyrite pyrrhotite	"	140	2.1	2646	166	230	105	
13	"	"		"		"	"	190	7.0	4186	185	118	230	
14	"	"		"		"	8 m long 2-4 m wide	110	6.0	4462	109	118	168	

Sampler DeBoeck E
Date July 21/90

Project Blue Gold
Property Gold 17-20

Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS										
				Rock Type	Alteration	Mineralization		Au Ppb	Au %	Ag Ppm	Cu	Pb	Zn					
	Gold 17-20	Grab																
31101	"	"		Andesite		Pyrite massive	30cm float boulder	100	-	0.4	320	181	36					
02	"	"		"	Epideite	Pyrite	Near apatite dyke	30	-	0.5	293	67	46					
03	"	"		"	"		Float	20	-	0.1	48	25	34					
04	"	"		QU		Chalco	60-70cm angular float	60	-	1.2	1153	2485	1568					
05	"	"		QU	QU	massive pyrite	Float * just north end of property	6400	0.188	4.7	181	107	4034					
06	"	"		Shale		Chalco sphal.	100m downslope from OC	230	-	0.6	1653	14	79					
07	"	"		"	"	"	"	630	-	3.0	4777	17	48					
31923	Gold 17-20	"		andesite	limonitic	Pyrite 10%		810		0.4	74	126	69					
31924	"	"		silicified andesite	"	"	from zone of limonitic alteration, bleaching and vuggy silicification	170		0.4	23	93	215					

Sampler De Boer M E

Project Blue Gold

Location Ref _____

Date July 22 1970

Property Gold 17-20

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS							
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	As ppm	Cu	Pb	Zn		
	Gold	Grab													
31908	"	"			Skarn	Chalco	Disseminated Chalco in Skarn - Zone	150	-	0.7	1665	26	63		
09	"	"			"	"	35-45 m wide 25 m high	320	-	2.0	4401	19	43		
10	"	"		Skarn	Silicified	"		3100	0.094	40.0	$\frac{22000}{4.26\%}$	72	248		
11	"	"		Skarn	Shear	"	" "	200	-	3.5	1597	107	132		
12	"	"		"		"	" "	290	-	2.4	1449	42	101		
13	"	"		Qtz	Skarn	Chalco	near garnet skarn	100	-	2.0	1576	34	79		
14	"	"			"	massive magnetite Chalco	Contact with intrusion	300	-	5.0	$\frac{8970}{13.6\%}$	93	103		
15	"	"		Andesite	QU	fine massive pyrite Chalco	Float on crest of moraine	680	-	49.0	$\frac{10667}{150\%}$	115	148		
16	"	"		"	"	pyrite Chalco	Float 75cm high	360	-	2.6	237	293	42		
17	"	"		Andesite	Shear Qtz	Chalco pyrite	• QU in shear 2 m	50	-	0.3	2098	19	17		
18	"	"		"	"	fine pyrite	wall on margins	310	-	1.0	621	89	67		
19	"	"		"	"	pyrite Chalco	" "	120	-	0.6	828	11	27		
20	"	"		"	"	massive pyrite	" "	30	-	0.3	133	62	14		
21	"	"		marlstone		pyrite horwood from pyrite	10 m ² area of pyrite horwood	20	-	0.2	102	343	82		

right side North boundary

Sampler Netoek E
Date Aug 10/90

Project Blue Gold
Property Gold 17-20

Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width Line Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS							
				Rock Type	Alteration	Mineralization		Au PPD	Ag	As	Cu	Pb	Zn		
	<u>Gold 17-20</u>	<u>Grab</u>		<u>Breccia Qtz</u>	<u>Pyritized</u>	<u>Massive Pyrite</u>	<u>100m wide 100m high several hundred long</u>								
<u>31932</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>760</u>	<u>5.9</u>	<u>1476</u>	<u>311</u>	<u>139</u>	<u>546</u>		
<u>33</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>1340</u>	<u>2.4</u>	<u>1739</u>	<u>102</u>	<u>863</u>	<u>216</u>		
<u>34</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>710</u>	<u>1.4</u>	<u>1736</u>	<u>83</u>	<u>840</u>	<u>842</u>		
<u>35</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>Massive Pyrite possibly</u>	<u>"</u>	<u>430</u>	<u>4</u>	<u>636</u>	<u>63</u>	<u>293</u>	<u>3589</u>		
<u>36</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>Massive Pyrite</u>	<u>zone of pyrite 16-12 m wide 50m x long</u>	<u>250</u>	<u>1.8</u>	<u>367</u>	<u>42</u>	<u>24</u>	<u>65</u>		
<u>37</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>near contact of breccia & host andite</u>	<u>400</u>	<u>10</u>	<u>280</u>	<u>75</u>	<u>510</u>	<u>65</u>		
<u>38</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>Pyrite some arsenic</u>	<u>"</u>	<u>290</u>	<u>7.6</u>	<u>781</u>	<u>81</u>	<u>99</u>	<u>65</u>		
<u>39</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>Massive Pyrite</u>	<u>- Pyrite not as massive - not as brecciated</u>	<u>250</u>	<u>1.6</u>	<u>276</u>	<u>48</u>	<u>49</u>	<u>189</u>		
<u>40</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>Brecciated</u>	<u>1260</u>	<u>2.11</u>	<u>1853</u>	<u>77</u>	<u>54</u>	<u>25</u>		
<u>41</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>" in 3x5m wide zone</u>	<u>1260</u>	<u>1.33</u>	<u>238</u>	<u>181</u>	<u>156</u>	<u>1575</u>		
<u>42</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>Subcomp at base of O.C.</u>	<u>120</u>	<u>4.3</u>	<u>1271</u>	<u>85</u>	<u>180</u>	<u>553</u>		
<u>43</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>massive fine grainy</u>	<u>20</u>	<u>2.4</u>	<u>238</u>	<u>45</u>	<u>90</u>	<u>1250</u>		
<u>44</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>Pyrite with Qtz</u>	<u>1060</u>	<u>20.1</u>	<u>177</u>	<u>105</u>	<u>194</u>	<u>10050</u>		
<u>45</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>near contact with dyke</u>	<u>80</u>	<u>2.5</u>	<u>31</u>	<u>43</u>	<u>81</u>	<u>1205</u>		
<u>46</u>	<u>"</u>	<u>"</u>		<u>"</u>	<u>"</u>	<u>"</u>	<u>2m high 20m long much Qtz present</u>	<u>900</u>	<u>34</u>	<u>2000</u>	<u>7315</u>	<u>2131</u>	<u>2510</u>		

Sampler DeBoeckh E
Date Aug 10 190

Project Blue Gold
Property Gold 17-20

Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS							
				Rock Type	Alteration	Mineralization		Au ppb	Ag	As	Cu	Pb	Zn		
	Gold 17-20	Grab													
31947	"	"		Altered Andesite		Fine Pyrite	-deseminated pyrite	80	2.2	109	350	101	7250		
48	"	"		"		Massive Pyrite	7.85% Cu 4.22% Zn	90	2.9	20	2450	751	1000		
						Massive Chalco									
49	"	"		"	"	Massive Pyrite		20	2.7	62	656	6	1203		
50	"	"		"	"	Some Chalco									
50	"	"		"	"	Good Pyrite	High silicified andesite - some Qtz	40	1.2	36	250	81	2570		

PAMIC
DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler N. DeBoek
Date Sept 27/90

Project Blue Gold
Property Gold 17-20

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
					Rock Type	Alteration	Mineralization		Au ppb	Pg ppm	Cu ppm	Pb ppm	Zn ppm	
55604	Gold 17-20	Chip			Tuffaceous limy		Pyr	All samples from	30	<		9	37	11
605	"	"			"	"	"	one o/c 25-30m x	nd	0.6		391	49	60
606	"	"			"	"	"	100m. Heavy limonitic	60	0.5		44	44	17
607	"	"			"	"	"	alt @ 55 20-5570	190	2.0		26	64	21
608	"	"			"	"	"		nd	<		12	14	30
609	"	"			"	"	"		100	2.2		70	23	25

MAN

DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler DeBoals E
Date Aug 21/90

Project Blue Gold
Property Gold

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS							
					Rock Type	Alteration	Mineralization		Au g/t	Au %	Cu ppm	Ag ppm	Pb ppm	Zn ppm		
	Gold	Grab														
55901	"	"				Silicified Chales	Float at base of mineralized zone	60	-	1161	2.1	8885	3768			
02	"	"			Altered Intrusive	Massive fine grained Pyrite	Considerable QU increase in OC	780	-	93	7.6	3910	326			
03	"	"			"	"	looks like Qtz - Pyrite breccia	140	-	56	8.7	263	1205			
04	"	"			"	QU Chales	10m long - sporadic	150	-	10255 1.18%	17.3	57	2350			
05	"	"			Agglomerate	Pyrite Chales	in QU zone - 40cm wide	40	-	> 20000 4.86%	15.6	<	2721			
06	"	"			"	Pyrite	- 20cm wide zone along edge of Dyke	20	-	7052	4.2	<	251			
07	"	"			"	Massive Chales	15cm wide 4m long - trace	50	-	> 20000 13.59%	32.0	<	3407			
08	"	"			"	Sheared Fine Pyrite massive	- Zone 40m long	50	-	19415 2.57%	6.9	102	1327			
09	"	"			"	very fine massive Pyrite	25cm wide zone	90	-	14933 1.73%	4.7	46	782			
10	"	"			"	"	3m wide 3-4m high	40	-	560	1.3	148	6139			
11	"	"			"	Altered Hydrothermal	7m long 1m thick good Qtz	440	-	161	3.8	194	718			
12	"	"			"	Massive medium grained Pyrite	1.5 - 2m wide 1m high	40	-	246	1.7	<	851			
13	"	"			"	"	20m wide	30	-	169	1.6	2366	360			
14	"	"			"	Altered Silicified	20m long 3m high	10	-	69	0.8	90	163			

Sampler DeBoer^H
Date Aug 24 / 90

Project Blue Gold
Property Gold 17-20

Location Ref _____

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS						
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu	Pb	Zn		
	Gold 17-20	Grab												
55915	"	"			Pyritized	massive gray pyrite possibly arsenio	10cm wide 2 m long	40	2.6	66	286	113		
16	"	"			"	fine pyrite & chalc		60	0.9	18	61	17		
17	"	"			"	pyrite minimum chalc	2m wide 3-4 m exposed	20	0.9	31	38	378		
18	"	"			"	pyrite minor barite	15m x 15m	20	1.7	516	613	2435		
19	"	"		QZ2	"	massive pyrite chalc	25cm wide - exposed for 3m - 4m	40	11.8	²²⁰⁰⁰ 223%	156	361		
20	"	"			"	fine grained massive pyrite	20 cm wide exposed for 1m	190	2.4	261	238	223		
21	"	"			"	chalc sphal pyrite	Float	30	5.2	9038	1783	²²⁰⁰⁰ 167%		
22	"	"		volcanic	Pyritized bleached	fine pyrite	50cm - 5m long	30	0.5	136	1007	1162		
23	"	"		"	"	massive pyrite minor galena	Subcrop	20	0.5	53	422	1250		
24	"	"		"	"	massive pyrite	"	80	1.4	38	104	313		

Sampler Debeck E
Date Sept 6 / 90

Project Blue Gold
Property Gold 17-20

Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS								
				Rock Type	Alteration	Mineralization		Ag ppm	Au ppm	Cu ppm	Pb ppm	Zn ppm				
	Gold 17-20	Grab														
35	"	"		S/Korn Vulcanite	pyritized	massive pyrit	50-60cm 8-10m long	130	3.3		2151	107	135			
36	"	"		"	"	"	"	260	5.1		1408	187	125			
37	"	"		S/Korn		massive magnetite Chalco	10m wide 25m long	560	20.1		1494 182%	111	2293			
38	"	"		"		Sphal Chalco massive	20-40cm wide as 37	70	3.5		1339	72	2000 1.48%			
39	"	"		"		Sphal magnetite Chalco	3m x 4m	110	5.4		1239	80	6406			
40	"	"		"		pyrit Chalco	3-8m wide 25m long	190	6.1		1647	92	511			
41	"	"		"	"	massive pyrit	in Qtz zone as 40	720	11.1		4352	39	179			
42	"	"		"		massive pyrit S.Korn mag.	60cm wide 3m long	430	7.0		1352	164	357			
43	"	"		"		massive pyrit S.Korn Chalco pyrit	1-2cm wide 30m long	100	5.9		10357 1.37%	101	380			
44	"	"		"		"	"	120	7.0		432	115	304			
* 55934	80m west of LCP	Grab	4cm	Andesite	Silice, Fe	massive v. fine pyrit	Minor pyrit + bands of coarse pyrit + calcite. Heavy, dense.	20	0.8		339	93	177			

Sampler Debak F
Date Sept 7 190

Project Star Gold
Property Gold 17-20

Location Ref _____
Air Photo No _____

** taken ~ 200 metres East of Gold 20 - 1/2.

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS							
				Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn			
	Gold 20	Grab													
55945	200 metres E of Gold 20	"		Skarn in Metased.		massive pyrite pyrrhotite	1.5m wide 3-5m long	120	4.2	1910				>2000 2.94%	
46	"	"		"		pyrite magnetite	1-2m wide 4-5m long	160	5.2	4387				12383 1.26%	
33	"	"		"		massive pyrite	6-8 m long 4m high	40	1.8	1350	117			141	
47	"	"		"		pyrite chalc									
47	"	"		"		massive magnetite pyrite	as 33	10	0.6	384				534	
48	"	"		"		massive fine grained pyrite magnetite	1.5m wide 5m long	320	3.2	959				213	
49	"	"		"		massive coarse pyrite chalc	15m wide zone in 5m wide 25m long 8m zone	400	0.8	414				54	
50	200 m E of Gold 20 1/2	"		"		massive pyrite magnetite	as 49	390	5.6	3251				750	
28201	"	"		"		massive pyrrhotite hemite	2-8m wide 10m high.	250	6.1	4060	220			519	
02	"	"		"		massive pyrite pyrrhotite	2m below 01	310	6.1	1185	420			171	

APPENDIX VI

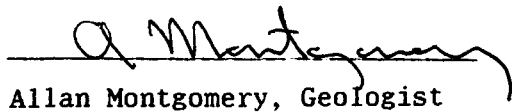
STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, ALLAN T. MONTGOMERY, of 312, 229 Lakewood Drive, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Geologist in the employment of Pamicon Developments Limited, with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology (Honours).
3. THAT my primary employment since 1985 has been in the field of mineral exploration.
4. THAT my experience has encompassed a wide range of geologic environments and has allowed considerable familiarization with prospecting, geophysical, geochemical and exploration drilling techniques.
5. THAT this report is based on data generated by myself, under the direction of Steve L. Todoruk, Geologist and Charles K. Ikona, Professional Engineer.
6. THAT I have no interest in the property described herein, nor in securities of any company associated with the property, nor do I expect to receive any such interest.
7. THAT I hereby grant permission to Blue Gold Resources Ltd. for the use of this report in any prospectus or other documentation required by any regulatory authority.

DATED at Vancouver, B.C., this 22nd day of February, 1991.

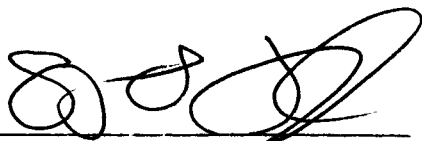

Allan Montgomery, Geologist

STATEMENT OF QUALIFICATIONS

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

1. THAT I am a Geologist in the employment of Pamicon Developments Limited, with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.
3. THAT my primary employment since 1979 has been in the field of mineral exploration.
4. THAT my experience has encompassed a wide range of geologic environments and has allowed considerable familiarization with prospecting, geophysical, geochemical and exploration drilling techniques.
5. THAT this report is based on data generated by myself, under the direction of Charles K. Ikona, Professional Engineer.
6. THAT I have no interest in the property described herein.
7. THAT I hereby grant permission to Blue Gold Resources Ltd. for the use of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

DATED at Vancouver, B.C., this 22 day of February, 1991.



Steve L. Todoruk, Geologist

APPENDIX VII


ENGINEER'S CERTIFICATE

ENGINEER'S CERTIFICATE

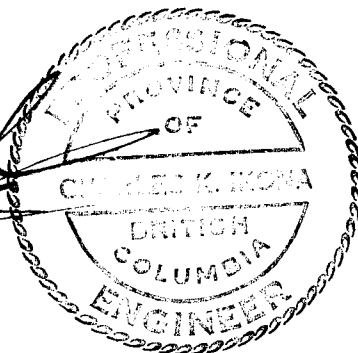
I, CHARLES K. IKONA, of 5 Cowley Court, Port Moody, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Mining Engineer with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a degree in Mining Engineering.
3. THAT I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.
4. THAT this report is based on work conducted under my direction in 1990 and on extensive knowledge of the immediate area.
5. THAT I have no interest in the property described herein.
6. THAT I consent to the use by Blue Gold Resources Ltd. of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

DATED at Vancouver, B.C., this 22nd day of Feb, 1991.



Charles K. Ikona, P.Eng.





LEGEND

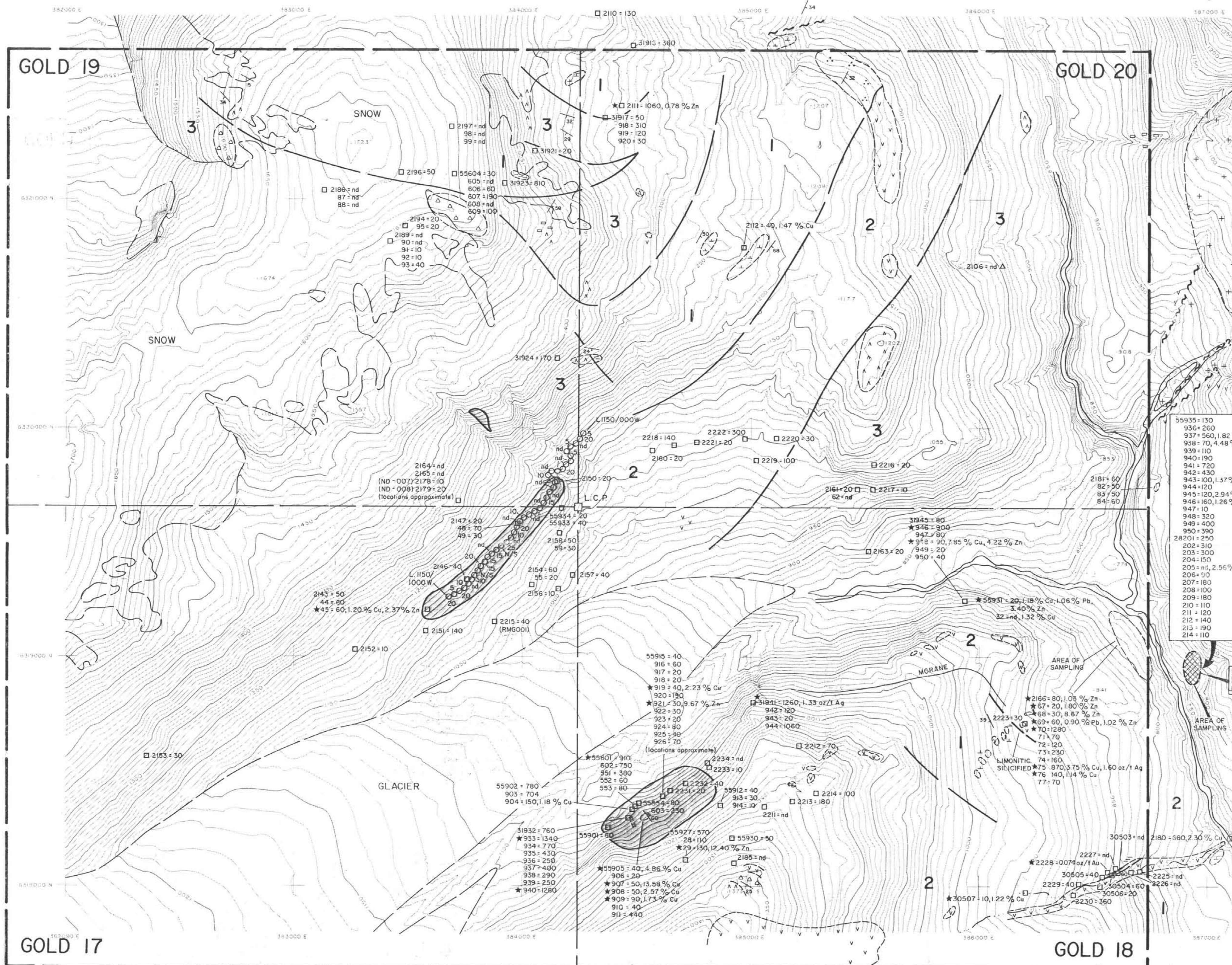
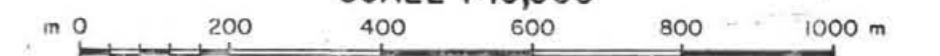
LITHOLOGIES

- 1 Limestone, well bedded, interbedded tuffs and fine grained sediments
- 1 ARGILLITE
- 1 SILTSTONE, META-SILTSTONE
- 2 ANDESITE, PORPHYRITIC, FLOW, GREEN TO MAUVE
- 3 LAPILLI/ASH TUFF, POORLY BEDDED
- 3 VOLCANIC BRECCIA
- DACITE TO ANDESITE, FINELY CRYSTALLINE TO GLASSY, GREEN
- INTRUSIVE, MEDIUM TO COARSELY CRYSTALLINE, FELSIC TO INTERMEDIATE
- BIOTITE - LAMPROPHYRE DYKE

SYMBOLS

- ASSAY OF SIGNIFICANCE
- ROCK SAMPLE LOCATION / RESULT (Au ppb)
- HEAVY SEDIMENT SAMPLE LOCATION / RESULT (Au ppb)
nd = NON-DETECTABLE
- SOIL SAMPLE LOCATION / RESULT (Au ppb)
- GOSSANOUS ZONE OF STRONG SILICIFICATION AND PYRITIZATION ± CHALCOPYRITE
- SEDIMENTARY BEDDING, DIP
- DYKE, DIP
- FAULT, INFERRED
- OUTCROP LIMIT
- GEOLOGICAL CONTACT, APPROXIMATE

SCALE 1:10,000



55935 = 130
936 = 260
937 = 560, 1.82% Cu
938 = 70, 4.48% Zn
939 = 110
940 = 190
941 = 720
942 = 430
943 = 100, 1.37% Cu
944 = 120
945 = 120, 2.94% Zn
946 = 160, 1.26% Zn
947 = 10
948 = 320
949 = 400
950 = 390
2820 = 250
202 = 310
203 = 300
204 = 150
205 = nd, 2.56% Zn
206 = 90
207 = 160
208 = 100
209 = 180
210 = 110
211 = 120
212 = 140
213 = 190
214 = 110

AREA OF SKARN +
MAGNETITE +
PYRITE ± Zn ± Cu

AREA OF SAMPLING

AREA OF SAMPLING

AREA OF SAMPLING

AREA OF SAMPLING

AREA OF SAMPLING

AREA OF SAMPLING

AREA OF SAMPLING

AREA OF SAMPLING

AREA OF SAMPLING

AREA OF SAMPLING

BLUE GOLD RESOURCES LTD.

GOLD 17 - 20 CLAIMS
ROCK, SOIL AND HEAVY SEDIMENT
SAMPLE LOCATION/RESULTS
AND PROPERTY GEOLOGY
LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN: J.C. /J.W.	N.T.S. 1048/15W 1046/2W	DATE: FEB., 1991	FIGURE: 5
----------------------	-------------------------------	---------------------	--------------