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1990 SUMMARY REPORT
ON THE
GAB 9 MINERAL CLAIM
FOR
JAZZMAN RESOURCES INC.

Located in the Iskut River Area
Liard Mining Division
NTS 104B/15W
56°52' North Latitude
130°55' West Longitude

- prepared by -

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C.K. IKONA, P.Eng.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,152

March, 1991

SUMMARY GEOLOGICAL REPORT on the GAB 9 MINERAL CLAIM

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1.0 INTRODUCTION

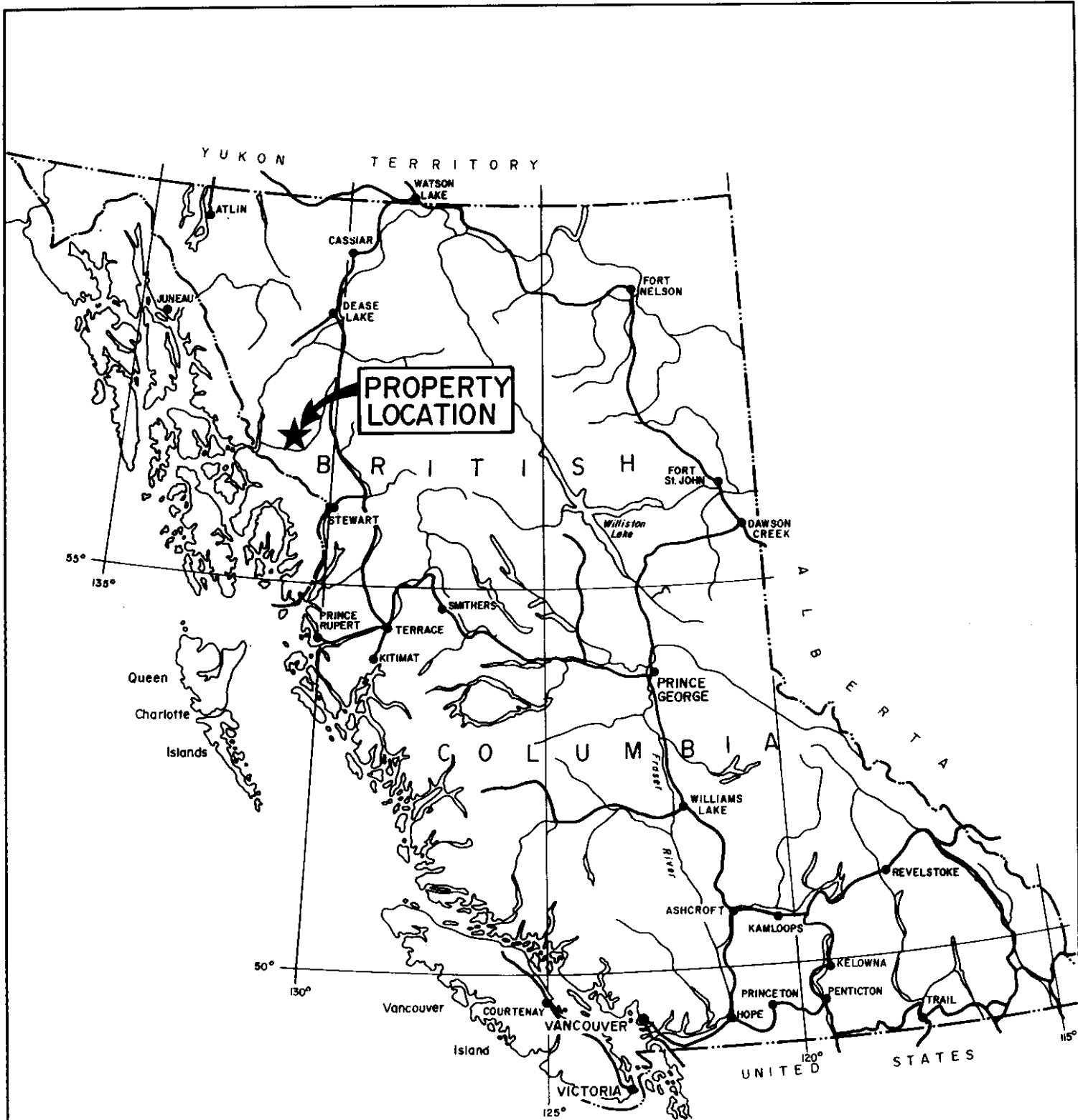
Between August and October, 1990 at the request of Jazzman Resources Inc., Pamicon Developments Ltd. carried out a program of grid establishment, geophysical surveying and diamond drill testing (totalling 2523 metres) on their Gab 9 mineral claim located in the Iskut River area of northwestern British Columbia. The Gab 9 claim is situated immediately north of Gulf International Minerals' Northwest Zone and possibly hosts the northward on-strike extension of that deposit. To date, the Northwest Zone has been successfully drill tested along strike for 300 metres and to depths of 200 metres below surface. Gulf's northernmost drill hole which has intersected the zone is located approximately 150 metres south of Jazzman's claim boundary.

During 1990, four drill holes were completed from one set-up on the Gab 9 claim near the Jazzman/Gulf claim boundary fanning an area which was believed to be the on-strike projection of the Northwest Zone. These four holes were successful in intersecting similar stratigraphy and alteration associated with varying amounts of mineralization as to that seen in the Northwest Zone. As well, a fifth drill hole was collared approximately 125 metres to the north in an attempt to test the same mineralizing system along strike.

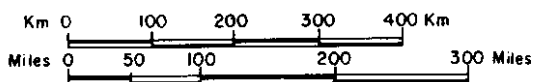
The 1990 drill program appears to have successfully pierced the northward on-strike projection of the Northwest Zone stratigraphy. Although gold values to date have been subeconomic, continued drilling and evaluation of this area offers excellent potential for discovering a sizeable and attractive mineral deposit.

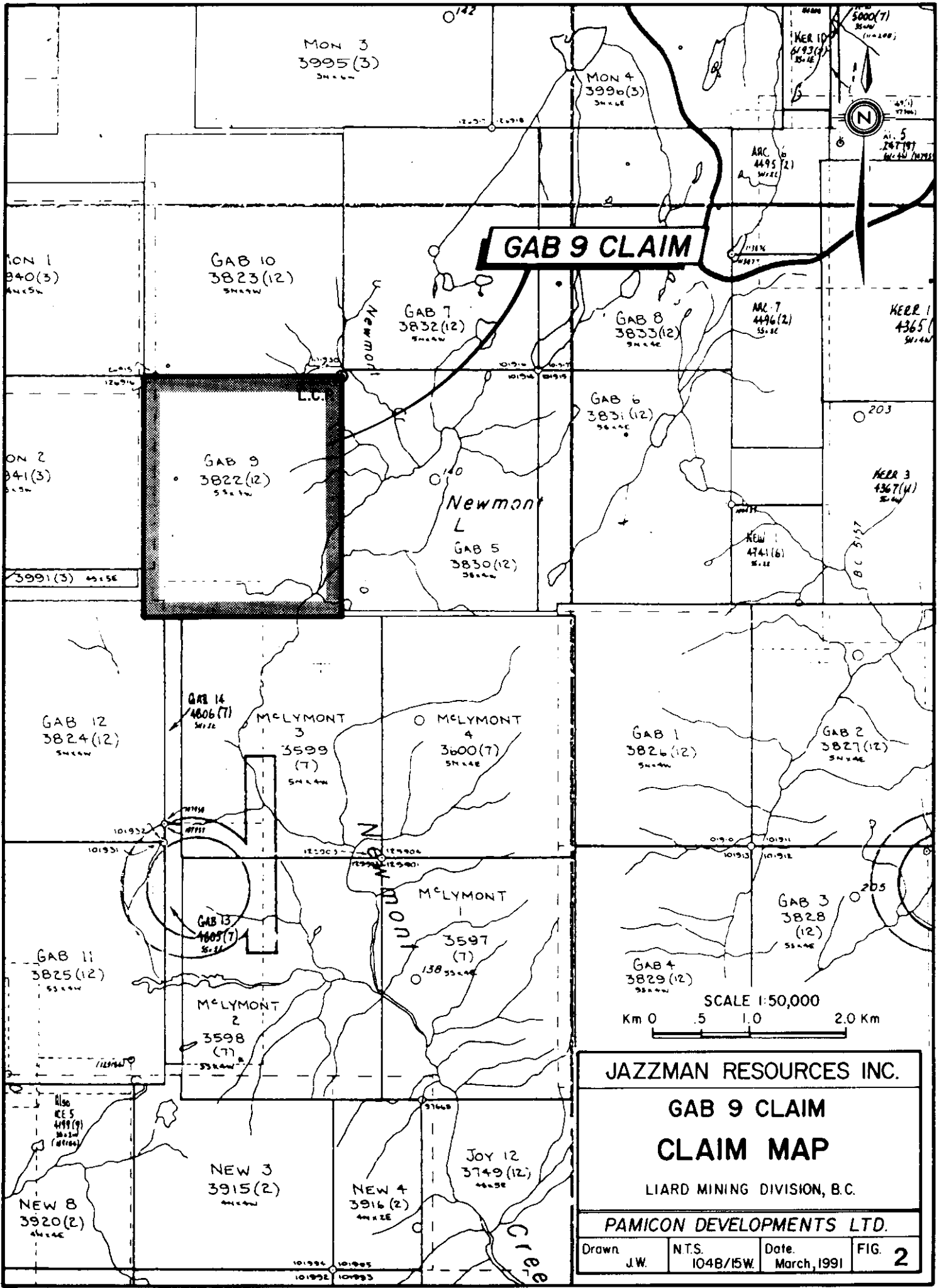
2.0 LIST OF CLAIMS

Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the Gab 9 claims are owned by Jazzman Resources Inc. (Figure 2).



JAZZMAN RESOURCES INC.			
GAB 9 CLAIM			
PROPERTY LOCATION MAP			
LIARD MINING DIVISION, B.C.			
PAMICON DEVELOPMENTS LTD.			
DRAWN. J.W.	N.T.S. 104 B/15W.	DATE. March, 1991	FIGURE. 1





GAB 9 CLAIM

JAZZMAN RESOURCES INC.

GAB 9 CLAIM

CLAIM MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn J.W.	NTS. 1048/15W	Date March, 1991	FIG. 2
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<u>Claim Name</u>	<u>Record Number</u>	<u>No. of Units</u>	<u>Record Date</u>	<u>Expiry Date</u>
Gab 9	3822	20	December 22, 1986	December 22, 1995

3.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Gab 9 claims are located approximately 110 kilometres east of Wrangell, Alaska, and 100 kilometres north of Stewart, British Columbia, on the eastern edge of the Coast Range Mountains (Figure 1). Bob Quinn Lake on the Stewart-Cassiar Highway is situated 45 kilometres to the northeast while Bronson airstrip (servicing Cominco/Prime's Snip deposit and Skyline Exploration's Stonehouse Gold deposit) is 17 kilometres to the south. Coordinates of the claims area are 56°52' north latitude and 130°55' west longitude, within the jurisdiction of the Liard Mining Division.

Access to the property is via helicopter from the Bronson Creek gravel airstrip or the Forrest Kerr airstrip. Daily scheduled flights using a variety of fixed wing aircraft to the Bronson strip from Smithers, Terrace and Wrangell, Alaska have been available during the field season.

The Province of British Columbia has recently completed a study on possible road access to the Iskut River, Eskay Creek and Sulphurets areas. Construction of a road from the Stewart-Cassiar Highway from Bob Quinn Lake down the Iskut valley to Bronson Creek is anticipated in the near future.

Geographically, the claims area is moderately forested below treeline and easily accessible above this elevation, with gentle to steep slopes. Elevations on the property vary between 500 to 1500 metres.

4.0 AREA HISTORY

Figure 3 of this report presents a regional scale map of northwestern B.C. from the town of Stewart in the south to near Telegraph Creek in the north, a distance of 225 kilometres. Within this area, a semi-arcuate band of Hazelton 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.

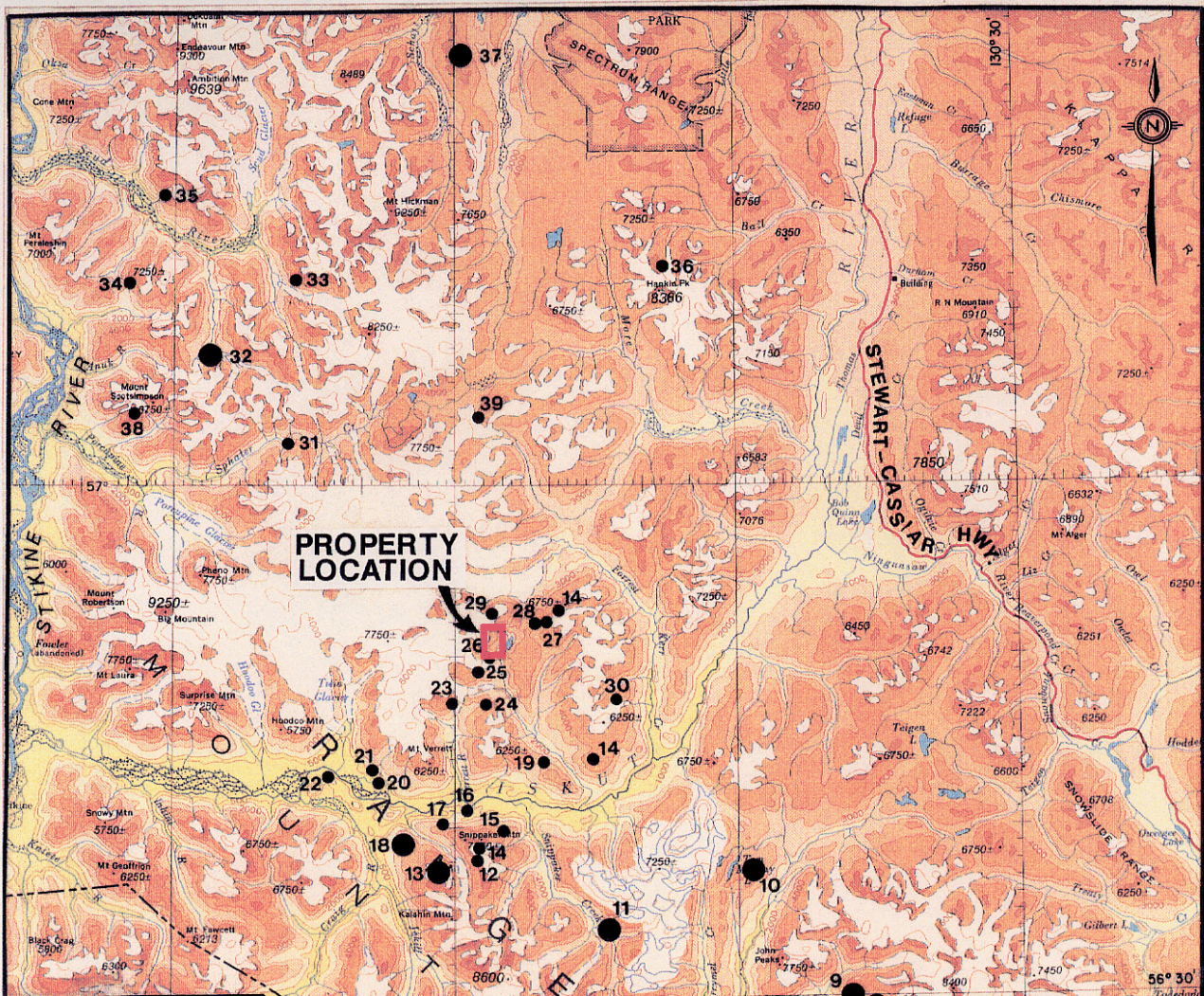
This area of approximately 10,000 square kilometres has historically been referred to as the Stikine Arch. Mining activity within it goes back to the turn of the century. Due to the large size of the region it has been referred to in more specific areas which range from the Stewart area to Sulphurets, 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, 1980s and early 1990s.

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



PROPERTY LOCATION

- MINERAL OCCURRENCE
- MAJOR MINERAL OCCURRENCE

0 10 20 Km

COMPILED BY S. TODRUK (1988-1991)

MINERAL RESERVES AND/OR ELEMENTS

PROPERTY OWNER

1. Restain Resources Ltd./Silkha Premier Mines 6,100,000 tonnes 0.064 oz/ton Au, 2.39 oz/ton Ag
2. Restain Resources Ltd./Tourngina Mining Explorations Ltd. 1,850,000 tonnes 0.89 oz/ton Au, 0.47 oz/ton Ag
3. Borama (Toad Creek Project) Au
4. Scottie Gold Mine Au
5. Granduc 10,890,000 tons 1.75 Cu
6. Canadian Cariboo Resources/Magna Ventures/Silver Princess Resources (Doc Project) 410,000 tons 0.27 oz/ton Au, 1.31 oz/ton Ag
7. Placer Dome Inc. (Kerr Project) 66 million tons .862 Cu, .018 oz/ton Au
8. Gateur Resources Ltd. (Gold Hodge Project) 375,000 tons 0.75 oz/ton Au, 1.8 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/Stikine Resources Ltd. (Ebakay Creek Project) 4.36 million tons 0.77 oz/ton Au, 21.12 oz/ton Ag
11. Consolidated Silver Standard Mines Ltd. (E & T Deposit) 3,200,000 tons 0.882 Ni, 0.681 Cu
12. Inco Resources Ltd. Au, Ag, Cu, Pb, Zn
13. Ishikawa Gold Corporation (Johnny Mountain Mine) 210,000 tons 0.45 oz/ton Au mined to August, 1990
14. Kentrol Resources Ltd. Au, Ag, Cu, Pb, Zn
15. Vector Resources Ltd./Nephele Resources Ltd. (Golden Spray Vein) Au, Ag
16. Royal Bay/Big H Petroleum Au, Ag, Cu, Pb, Zn
17. Vision Au, Ag, Cu, Pb, Zn
18. Cominco/Prime Resource Corp. (Snip Deposit) Au, Ag, Cu, Pb, Zn
19. International Prism Exploration Ltd. 1,032,000 tons 0.875 oz/ton Au
20. Meridian Resources Ltd. Au, Ag
21. Prime Resource Corp./American Ore Ltd./Golden Band Au
22. Durox/Thins (Buck & Bull Project) Au, Ag, Cu, Pb, Zn
23. International Prism Exploration Ltd. Au
24. Pezzoli Resource Corp. Au
25. Sea Gold Resources Inc. Au
26. Gulf International Minerals Ltd. (Northwest Zone) Au, Ag, Cu
27. Consolidated Caprock Resources/Crimsonator (Kerr Claims) Au, Cu, Au
28. International Prism Exploration Ltd. Ag, Pb, Zn
29. International Prism Exploration Ltd. Cu, Au
30. Avonvale Resources Inc. (Forrest Project) Au, Ag, Cu
31. Pass Lake Resources Ltd./Lorica Resources Ltd. (Trek Project) Cu, Au
32. Hudson Bay/Cominco/Kenoco (Galere Creek Deposit) 125,000,000 tonnes 1.065 Cu, 0.357 g/t Au, 7.94 g/t Ag
33. Continental Gold Corp./Gigi Resources Ltd./Goldbelt Mines Ltd. Au, Ag, Cu
34. Bellier Resources Ltd./Sarabat Resources Ltd. (Jack Wilson Project) Au, Cu
35. Pass Lake Resources Ltd./Consolidated Goldwest Ltd. (LD Project) Au, Cu
36. Lac Minerals (Makin Peak Project) Au
37. Schaft Creek 910,000,000 tonnes 0.385 Cu, 0.0201 Ni, 0.113 g/t Au, 0.992 g/t Ag
38. Consolidated Silver Standard/Pacific Century Expl. (Paydirt Project) 200,000 tons 0.120 oz/ton Au
39. Cominco (Foreure Project) Au, Ag, Cu, Pb, Zn

JAZZMAN RESOURCES INC.

GAB 9 CLAIM

Regional Mineral Occurrence Map

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

NTS: 103, 104 Date: MARCH 1991 FIGURE: 3

- * 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	Sulphurets	20,000,000	0.08		Note 3
	Lake Zone					
Catear Resources	Gold Wedge	Sulphurets	295,000	0.835	2.44	Note 4
Westmin Silbak	Silbak	Stewart	5,770,000	2.06 g/t	86.3 g/t	

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

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

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

Note 4: Pers. Comm., Catear Resources

Between August, 1988 and July, 1990 Skyline Gold Corp. produced 210,000 tons grading 0.45 oz/ton Au (pers. comm., D. Yeager) from its Reg property.

These successes have generated extensive exploration activity in the area which has led to the discovery of a large number of mineral occurrences which are in a preliminary stage of evaluation. The most notable of these to date is on Tom MacKay's old Eskay Creek showings. The 1988/89/90 work on this project of Calpine/Stikine Resources indicates a major gold-silver-base metal

mineral deposit of possible volcanogenic massive sulphide and epithermal affinity with a minimum strike length of 1800 metres. Some notable 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 (news release, September 14, 1990).

During the 1990 season American Fiber Corp./Consolidated Silver Butte intersected encouraging results in drilling on their adjoining claims south of Eskay Creek. Hole 90-30 returned 46.9 feet of 0.421 oz/ton Au and 30.91 oz/ton Ag (pers. comm. J. Bond, American Fiber).

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 (1990 Annual Report).

<u>Drill Hole</u>	<u>Length</u> (feet)	<u>Gold</u> (oz/ton)
87-25	3.6	1.52
87-29	6.2	8.09
88-28	15.1	0.810
88-28	16.1	0.645
89-11	26.9	0.625
90-1	10.5	1.131
90-2	16.1	0.638
90-18	9.2	7.280
90-26	8.8	0.715

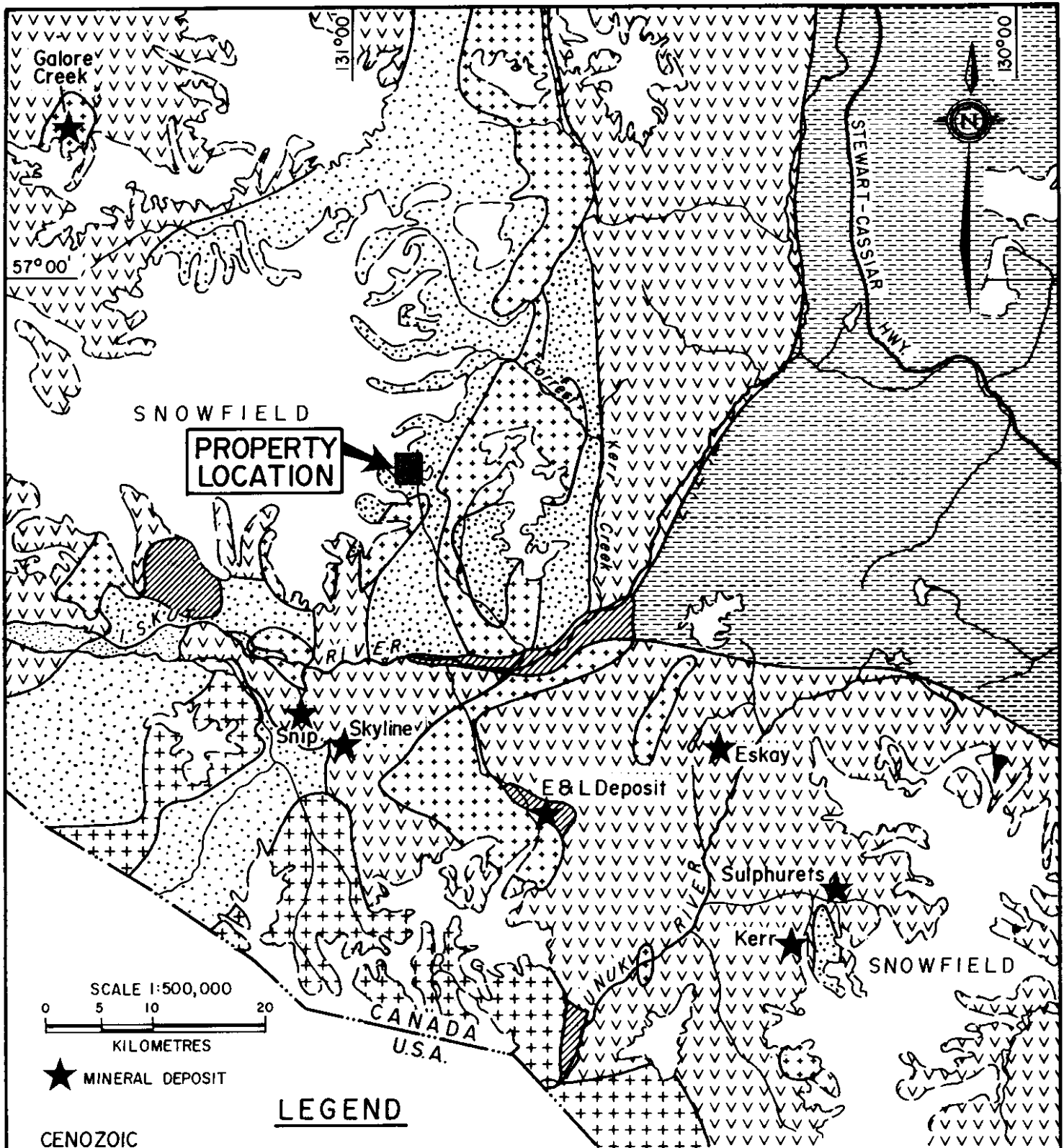
In September 1989 Bond International Gold Inc. announced initial drill results from their Red Mountain project. This project is located 20 kilometres east of Stewart. A 66 metre intersection on the Marc Zone reportedly graded 9.88 gm/tonne gold and 49.20 gm/tonne silver. On the Willoughby Gossan Zone a 20.5 metre intersection is reported as 24.98 gm/tonne gold and 184.2 gm/tonne silver.

A great many other companies active in the areas have released assays from preliminary trenching and/or drilling. Many of these show excellent values in gold, silver and base metals and it is anticipated that additional properties with mineral reserves of possible economic significance will emerge. Of recent interest in the area is the discovery in 1990 of a Kuroko-type polymetallic volcanogenic massive sulphide occurrence on Eurus Resource Corp./Thios Resources Inc.'s Rock & Roll project. Trench samples range up to 0.317 oz/ton Au, 100 oz/ton Ag, 8.15% Pb, 4.24% Zn and 0.65% Cu over 4.6 feet while in drilling a 31.7 foot intersection graded 0.80 oz/ton Au, 25.7 oz/ton Ag, 2.07% Pb, 5.35% Zn, 0.58% Cu.

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.





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

★ MINERAL DEPOSIT


LEGEND

CENOZOIC


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

MESOZOIC

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

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

PALEOZOIC

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

JAZZMAN RESOURCES INC.			
GAB 9 CLAIM			
SIMPLIFIED REGIONAL GEOLOGY			
LIARD MINING DIVISION, B.C.			
PAMICON DEVELOPMENTS LTD.			
Drawn. J.W.	N.T.S. 103,104	Date. March, 1991	FIG. 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.

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. This has directed exploration efforts toward these members.

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.

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

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

Plutonic Rocks - Coast Plutonic Complex

L. Tertiary	granodiorite, diorite, basalt	
intrusive contacts		
E. Tertiary	quartz 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, ?	

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.

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 import

ance 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.

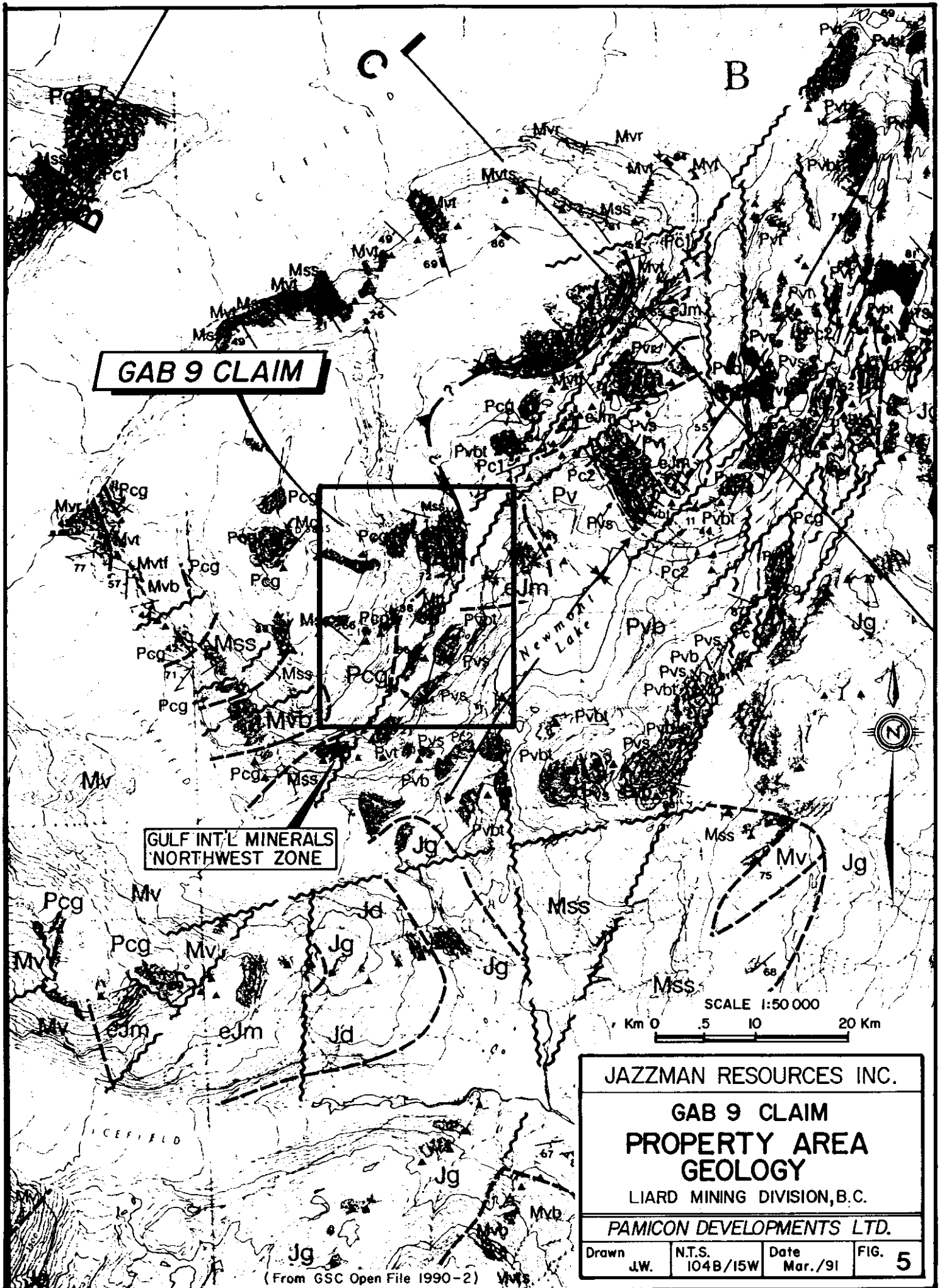
PLUTONIC ROCKS

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 AREA GEOLOGY

The Jazzman property area is underlain by volcanic and sedimentary rocks, on the western margin of a large area of intrusive rocks (Logan et al. 1990). Folding and several northeast to northwest fault structures which cross the area, create a more complex geological setting (Figure 5).

A regional scale, northeast trending synclinal graben is centered along Newmont Lake southeast of the claim. This structure contains intermediate to felsic composition volcanics including breccias, flows and tuffs, and sedimentary rocks including limestones, conglomerates, wackes and argillite. Recent fossil data suggests a possible late Jurassic age for this sequence (pers. comm. J. Logan, BCMEMPR). To the west, Permian age boulder and pebble conglomerates outcrop with Mississippian-Pennsylvanian age fine grained sedimentary rocks and rhyolitic to basaltic composition volcanic rocks, including tuffs, flows and breccias. Crinoidal limestone has been emplaced along a thrust fault contact. This unit hosts Gulf International Minerals Ltd.'s Northwest Zone skarn prospect. South and east of the property large areas of Jurassic and younger (?) intrusives include biotite granite, hornblende diorite and hornblende quartz/diorite.



GAB 9 CLAIM

**GULF INT'L MINERALS
NORTHWEST ZONE**

JAZZMAN RESOURCES INC.

**GAB 9 CLAIM
PROPERTY AREA
GEOLOGY**

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn J.W.	N.T.S. 104B/15W	Date Mar./91	FIG. 5
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(From GSC Open File 1990-2)

LEGEND

QUATERNARY

- Rv** RECENT VOLCANICS
- Qal** TILL ALLUVIUM

LAYERED ROCKS

MIDDLE TO UPPER JURASSIC BOWSER LAKE GROUP

- JBp** FLATLY BEDDED SHALE AND LOCALLY CROSSBEDDED SANDSTONE TURBIDITE COMPLETS
- JBog** CHERT PEBBLE TO GRAVEL CONGLOMERATE

JURASSIC

- Ju** UNDIVIDED SEDIMENTS AND VOLCANICS
- Jw** BRECCIATED AND CRACKLE FRACTURED DARK GREEN AND GREY SILICEOUS SILTSTONE AND PHYRIC CHERT, CARBONACEOUS TUFFACEOUS WACKES WITH INTERBEDDED CONGLOMERATE CONTAINING CLASTS OF CHERT, BLACK SILTSTONE, AND INTERMEDIATE TO FELSIC VOLCANICS (Jw=8)

MIDDLE(?) JURASSIC

- mJvb** DENSE MEDIUM GRAY TO GREEN FLOW BASALT, LOCALLY AMPHIBOLITIC, FLAGIOLASE PHYRIC, FLOW BRECCIA FLOWS AND FLOW BRECCIAS, HYALOCLASTITE
- mJvs** THINLY BEDDED, ALTERNATING BLACK AND WHITE SILICEOUS TUFFS AND SEDIMENTS

LOWER(?) JURASSIC

- Ljp** FISSILE, THIN BEDDED, SILTSTONE AND SANDSTONE WITH CARBONACEOUS WOOD FRAGMENTS, GRAVEL CONGLOMERATES CONTAINING INTERMEDIATE VOLCANIC, SEDIMENTARY AND LIMESTONE CLASTS
- Llt** BROWNISH GRAY LAPILLI AND CRYSTAL TUFF, PHYOLITE CRYSTAL TUFF AND LESSER FLOWS (Llt)

UPPER TRIASSIC STURINI GROUP

- uTS** UNDIVIDED VOLCANICS AND SEDIMENTS
- uTSvt** MAROON AND GREEN FLAGIOLASE AND LESSER ALGITE-PHYRIC LAPILLI TO BLOCK TUFFS AND ASSOCIATED EPICLASTICS
- uTSy** MAROON AND GREEN PORPHYRYC VOLCANIC FLOW BRECCIAS, FLAGIOLASE-PHYRIC (uTSy); ALGITE-PHYRIC (uTSy=4)
- uTSI** GRAY-GREEN APHYRIC TUFF
- uTSw** TUFFACEOUS WACKES, ARGILLITE, LIMESTONE, CARBONACEOUS AND CALCAREOUS SILTSTONE INTERBEDDED WITH FINE GRAINED SANDSTONE AND MAROON CONGLOMERATE; MAROON VOLCANIC CONGLOMERATE WITH LIMESTONE CLASTS (uTSw=8)

PALEOZOIC STONE ASSEMBLAGE

- Fu** UNDIVIDED METAVOLCANICS AND METASEDIMENTS

WESTERN ASSEMBLAGE

PERMIAN

- Pv** UNDIVIDED PERMIAN VOLCANICS AND SEDIMENTS
- Pvt** LAPILLI AND FLAGIOLASE CRYSTAL TUFF, FELSIC WELDED ASH TUFF, THINLY BEDDED SILICEOUS LIMESTONE LENSES; PHYOLITE FLOWS (Pvt); VOLCANIC SANDSTONE, SILTSTONE AND MAROON SMALL(HT) WACKER CONGLOMERATES (Pvt)
- Pc2** ALGAL LIMESTONE, THIN LAMINATED, DARK GRAY TO BLACK, LOCALLY PETRO, WEATHERS BUFF, FISSILE-RICH BEDS AND CRIPPLE STACKED CONCAVE ALGAL STRUCTURES COMMON
- Pvb** HORNBLende-FLAGIOLASE PORPHYRYC ANDESITE MAROON FLOWS; LOCALLY AMPHIBOLITIC, CONTAINS 30 TO 40 PERCENT EMBEDDED WHITE FLAGIOLASE AND 15 PERCENT OOLITIC ACICULAR HORNBLende CRYSTALS; MAROON LAPILLI AND LAPILLI TUFF (Pvb)
- Pc1** BIOCLASTIC LIMESTONE WITH CHERTY INTERBEDS; MEDIUM-BEDDED TO MASSIVE GRAY BIOCLASTIC CALCARENITE AND LESSER BUFF SLTY DOLOMITIC LINTS; THIN BEDDED SECTIONS CONTAIN BLACK TO YELLOWISH BUFF AMPHIBOLUS SALCA BEDS UP TO 30 CENTIMETRES THICK; SOLITARY CORALS, FORAMINIFERA, BRYOZOAN CRINIDS AND WARIOUS BRACHIOPODS ARE LOCALLY ABUNDANT
- Pcg** THICK BEDDED, BOULDER TO PEBBLE CONGLOMERATE, CLASTS ARE ALGITE PHYRIC, FLAGIOLASE PHYRIC, ANDESITE, BASALT, AND LIMESTONE CLASTS

MISSISSIPPIAN - PENNSYLVANIAN

- Msa** SILTSTONE-SANDSTONE TURBIDITES AND LESSER CHERTS
- Mc** THICK-BEDDED CRINOIDAL CALCARENITE WITH INTERBEDDED SILICEOUS SILTSTONE
- Mv** UNDIVIDED VOLCANICS
- Mvt** MAFC TO INTERMEDIATE BROWNACEOUS LAPILLI TUFF; SILICEOUS DUST TUFFS AND EPICLASTICS (Mvt); INTERMEDIATE TO FELSIC ASH FLOW AND WELDED TUFFS (Mvt)
- Mvr** PHYOLITE, PHYOLITIC, PINK AND ORANGE FLOW BANDED BRECCIAS WAITING TO MASSIVE BURNOLANIC BONES, GLAUCOPHYRYC FELDSPAR AND QUARTZ PHYC COMMON
- Mvb** MASSIVE AMPHIBOLITIC, BASALT FLOWS; HYALOCLASTITE DEBRIS FLOWS (Mvb); FLOW BASALT (Mvb)

EASTERN ASSEMBLAGE

PERMIAN

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

PERMIAN AND OLDER

- Pms** METASEDIMENTS AND MAROON LIMESTONE, SILTSTONES AND GRAY TO LIGHT GREEN PHYLLITE AND INTERLAYERED WITH GRANITIC ARGILLITE AND SILICEOUS PHYLLITE AND THIN LENSES OF DARK BROWN LIMESTONE, GREEN AND WHITE SILICEOUS TURBIDITE COMPLETS AND CHERTY TUFFS (Pms) OCCUR HIGH IN THE STRATIGRAPHY
- Pc** LIMESTONE, RECRYSTALLIZED, THIN BEDDED TO MORE COMMONLY MASSIVE, WHITE TO BUFF COLOURED
- Pmv** MAFC TO FELSIC METAVOLCANICS, BARE LIMESTONE LENSES; VARIABLY FOLIATED TO SCHISTOSE, PURPLE TO DARK GREEN FLAGIOLASE PORPHYRYC FLOWS AND TUFFS
- Idc** DEFORMED COALIFER LIMESTONES; LESSER INTERBEDDED PEBBLE CONGLOMERATE, SILICEOUS AND CARBONACEOUS SHALES AND BOTH MAFC AND FELSIC TUFFS

INTRUSIVE ROCKS

CRETACEOUS AND YOUNGER (?)

- Kp** FLAGIOLASE QUARTZ PORPHYRY, OCCURS AS SMALL PLUGS AND DYKES INTRUDING NORTH TRENDING FAULTS, PHYRIC AND COLORED TO YELLOW AND RED BOSSAGE

JURASSIC AND YOUNGER (?)

- Jg** BIOTITE GRANITE; PINK, COARSE TO MEDIUM GRAINED, EQUIGRAINULAR TO QUARTZ EYE PORPHYRYC, LESS COMMONLY HORNBLende IS THE MAFC CONSTITUENT; QUARTZ EXCEEDS 30 PERCENT, QUARTZ RICH PHASES (50 PER CENT) ARE SPATIALLY RELATED TO FAULT STRUCTURES
- Jqm** HORNBLende QUARTZ MONZONITE TO MONZONITE, COARSE TO MEDIUM GRAINED HORNBLende AVERAGES 20 PERCENT AS 3 MILLIMETRE CRYSTAL LATHS AND PORLITIC CLOTS, BIOTITE WHERE PRESENT IS FINE GRAINED AND LESS THAN 5 PERCENT
- Jd** HORNBLende DIORITE, HORNBLende QUARTZ DIORITE; HORNBLende IS CHLORITIC AND COMPRISES MORE THAN 40 PERCENT OF THE ROCK

MIDDLE(?) JURASSIC

- Jdl** DIORITE TO GABBRO; COARSE GRAINED, OCCURS AS STOCKS AND SELLS, FLAGIOLASE CRYSTALS ARE EMBEDDED TO SUBHEDRAL ACICULAR CLOTS WHICH IMPART A DISTINCTIVE FELTY INTERLOCKING TEXTURE, THESE SUBVOLCANIC INTRUSIONS MAY REPRESENT FEEDERS TO THE FLOW BASALTS (Lvt)

EARLY JURASSIC

- eJm** HORNBLende-FLAGIOLASE-PORPHYRYC MONZONITE, OCCURS AS DYKES, SELLS AND PLUGS CHARACTERIZED BY A NEMATIC GROUNDMASS ALTERED WITH PHYC SUBHEDRAL TO EMBODIAL FLAGIOLASE (UP TO 30 PERCENT) AND HORNBLende CRYSTALS, TRACHTIC TEXTURES ARE COMMON, STRONGLY MAGNETIC
- eJg** HORNBLende BIOTITE POTASSIUM FELDSPAR MEGACRYSTIC GRANITE

AGE UNKNOWN

- qd** HORNBLende QUARTZ DIORITE; MEDIUM GRAINED, LOCALLY FOLIATED AND ALTERED, CONTAINS IRREGULAR MAFC INCLUSIONS (UP TO 100 CENTIMETRES) OF AMPHIBOLITES
- d** ALTERED DIORITE
- DYKES** (d) PHYRIC ANDESITE AND BASALT; (m) MAFC FLAGIOLASE PHYRIC; (l) AMPHIBOLITIC; (j) PHYOLITE/LAPILLI

MAP SYMBOLS

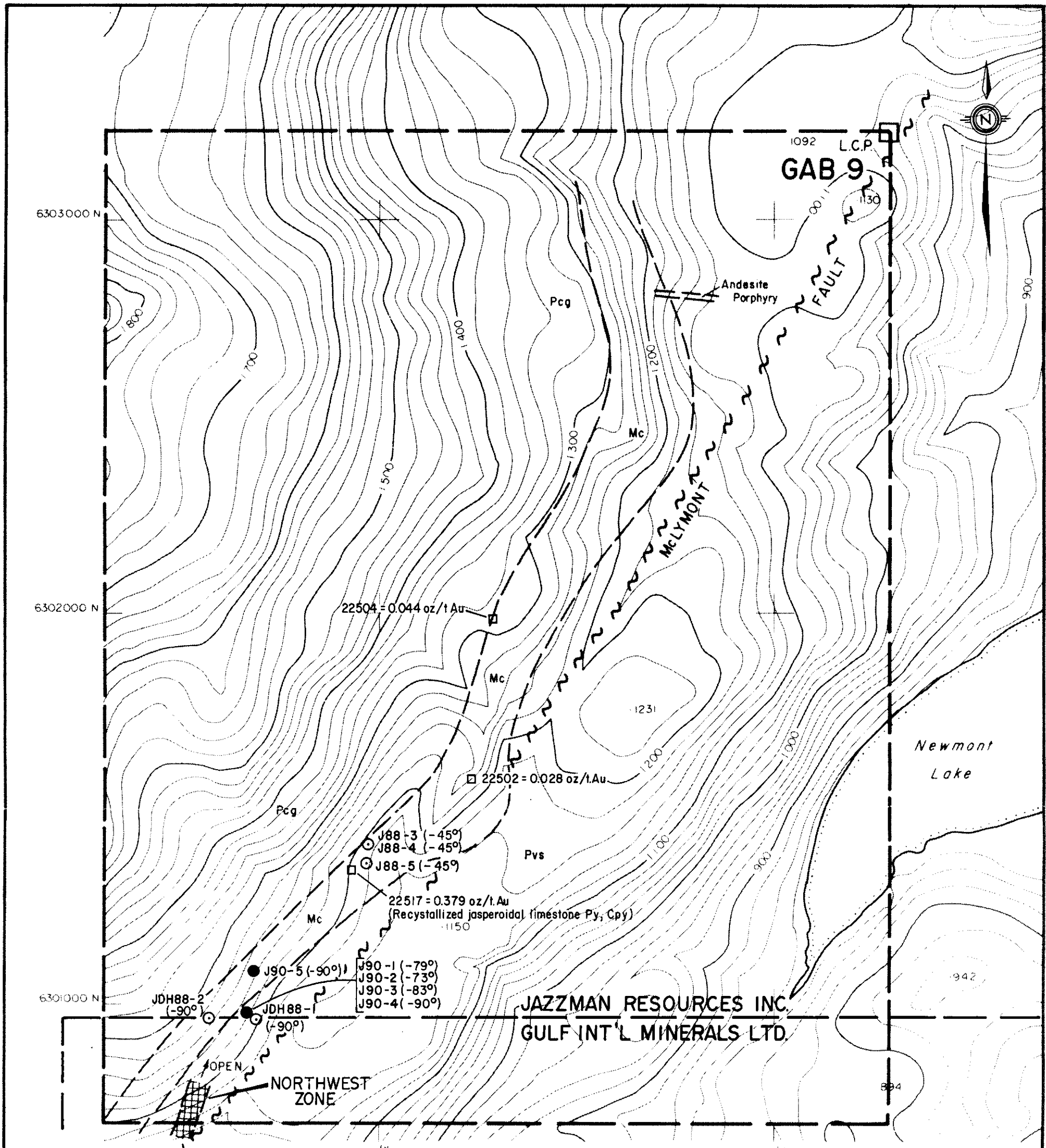
- Geological contact (defined, approximate, assumed) _____
- Unconformable contact (defined, assumed) _____
- Bedding (horizontal, inclined, overturned) _____ X // //
- Foliation _____ //
- Fault (observed, inferred) _____
- Thrust or high angle reverse fault (defined, assumed) _____
- Anticline (direction of plunge indicated) _____
- Syncline (direction of plunge indicated) _____
- Minor fold axis _____
- Joint _____
- Dyke _____
- Vein _____
- Outcrop visited _____

7.0 PROPERTY GEOLOGY AND MINERALIZATION

Preliminary mapping indicates that the Gab 9 claim overlies a thick succession of volcanic and sedimentary rock units, including sandstone, conglomerate, tuff and flows, and an interbedded horizon of crinoidal limestone (Figure 6). These units are believed to be Mississippian to Permian in age. A porphyritic unit occurs as dykes or flows (?).

The conglomerate consists of subrounded fragments up to 15 to 30 cm in diameter set in a dark green medium grained matrix (referred to as volcanic cobble conglomerate from 1972 Newmont mapping). Clasts are augite phyric, plagioclase phyric, andesite, basalt and limestone (Logan et al. 1990). This unit is interbedded with a bedded, dark green to grey coloured sandstone with occasionally interbedded light green mudstone. Diamond drilling near the south property boundary in 1990 and 1988 revealed that these units, logged as volcanic conglomerate/breccia and ash tuff/volcanic sandstone/tuff/wacke, represent most of the subsurface geology to depths of over 600 metres. Other units encountered in drilling include dark grey tuff/argillite, crinoidal limestone, plagioclase porphyry and minor crystal flow (?).

A thick light grey shallowly dipping crinoidal limestone unit trends from approximately 600 metres south of the Jazzman property on the Gulf claims northward across the entire length of the Gab 9 claim block. The unit occurs only as subcrop at the southern most end of the Northwest Zone on the Gulf property and is not exposed on surface again until near the middle of the Jazzman property. Based on knowledge from Gulf drilling information, the limestone unit attains a thickness of up to 20 metres. It is within this limestone that Gulf's Northwest Zone is hosted. Replacement style mineralization is located within zones of marblized (skarned) limestone and consists of quartz, calcite, magnetite, pyrite, chalcopryrite, jasper and to a lesser extent barite, gypsum, sphalerite, galena and specular hematite. In 1988 and 1990, diamond drilling on the Jazzman property intersected this unit in several holes reaching a maximum true thickness of approximately 20 metres. Dolomitized and marblized sections were encountered.



LEGEND

PERMIAN

- Pvs VOLCANIC SANDSTONE, SILTSTONE & MAROON SHALLOW (?) WATER CONGLOMERATES
- Pcg THICK BEDDED BOULDER TO PEBBLE CONGLOMERATE, SANDSTONE

MISSISSIPPIAN-PENNSYLVANIAN

- Mc THICK BEDDED CRINOIDAL CALCARENITE WITH INTERBEDDED SILICEOUS SILTSTONE

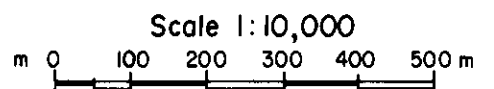
J90-5 (-90°) 1990 DIAMOND DRILL HOLE, DIP

JDH88-2 (-90°) 1988 DIAMOND DRILL HOLE, DIP

22502 1988 ROCK SAMPLE HIGHLIGHT

— GEOLOGICAL CONTACT, APPROXIMATE

~ FAULT, ASSUMED



JAZZMAN RESOURCES INC.			
GAB 9 CLAIM			
COMPILATION MAP			
LIARD MINING DIVISION, B.C.			
PAMICON DEVELOPMENTS LTD.			
DRAWN J.W.	N.T.S. 104 B/15 W.	DATE MARCH, 1991	FIG. 6

Intrusive rocks on the claims consist of a feldspar porphyry unit which outcrops in the centre of the property in close proximity to mineralized marblized crinoidal limestone. In this location, the feldspar porphyry contains feldspar phenocrysts up to 1 cm in size and is moderately to strongly magnetic. Similar feldspar porphyry was also intersected in drill holes JDH88-2 and J90-4 near the Gulf/Jazzman claim boundary.

Structural features recognized include steep angle faults and thrust faulting, and folding of sedimentary/volcanic stratigraphy. A well defined topographic linear outlines the regional scale northeast trending McLymont Fault. This steep normal (?) structure may be responsible for the localization of mineralization along its length, including the Northwest Zone. East-southeast cross faults offset the Northwest Zone mineralization on Gulf's property and likely continue onto the Jazzman property. Crinoidal limestone outcropping within the claim is emplaced along a southeast directed thrust fault (Logan et al. 1990). Bedding orientations collected on surface have various orientations while drill hole data suggests an open west verging fold, corresponding with the structural complexity of the immediate area.

Work programs in 1988 and 1990 have identified several indicators pointing to possible Gulf-style skarn mineralization on the Jazzman claim. Altered and mineralized limestone returned up to 0.379 oz/ton Au from surface grab samples near the south claim boundary along the projected trace of the horizon which hosts Gulf's Northwest Zone skarn. Diamond drilling along the south claim boundary has intersected this limestone in several holes at depths of between 200 and 300 metres below surface. This horizon often displays marblization, dolomitization and pyritization, similar to the Northwest Zone setting. As well, a silica-rich alteration zone was intersected in 1990 drilling which also is encountered in Gulf drilling, in association with mineralization.

8.0 DIAMOND DRILLING

Follow-up to a five hole, 854 metre 1988 exploration drill program on the Jazzman Gab 9 claim, a 1990 deep drill program was completed with five holes totalling 2523 metres. In addition, all 1988 drill holes were relogged to correlate with 1990 drilling. A 25 metre spaced control grid with station pickets was established along a 025° baseline using a total station EDM survey instrument, to allow for drill and survey control. Holes J90-1 to J90-5 tested the south claim boundary area for a possible northeast strike extension of Gulf's Northwest Zone mineralization (Figure 6). A summary of drilling is listed below.

<u>Drill Hole</u>	<u>Location</u>	<u>Azimuth</u>	<u>Dip</u>	<u>Length</u>
J90-1	south claim boundary	295°	79°	398.7 m
J90-2	south claim boundary	295°	74°	676.3 m
J90-3	south claim boundary	295°	83°	388.0 m
J90-4	south claim boundary	--	90°	576.0 m
J90-5	46+50E, 50+50N	--	90°	484.0 m

Drilling was completed utilizing a JK1000 drill with BQ rods. Holes J90-2 and J90-4 were later extended using a 38 drill. Drill core samples were sent to Vangeochem Labs Ltd. of Vancouver for analysis for Au ± Ag ± 25 element ICP analysis. Drill logs, assay certificates and analytical procedures are appended to this report.

Holes J90-1 to J90-4 were drilled along the Jazzman-Gulf claim boundary between 1988 holes JDH88-1 and JDH88-2 in a fan-like array (Figure 8) hole J90-5 was collared approximately 125 metres to the north to test the northeast strike of the limestone horizon (Figure 9).

All five holes intersected a thick package of volcanic and sedimentary rocks dominated by volcanic conglomerate and fine grained sedimentary-volcanic tuffs, sandstone and wackes. A crinoidal limestone horizon was encountered in

all 1990 drill holes. Limestone occurs as discrete horizons to 20 m true thickness and possibly as blocks within the volcano-sedimentary package. This stratigraphic horizon dips gently to the southeast outlining the lower limb of a west verging open fold structure. Below this horizon a pervasive silica-dolomite-sericite (?) alteration zone up to 200 metres thick has pervaded host rocks, resulting in a light tan-grey bleached alteration.

Weak to intense silicification with sericite and later stage dolomite/calcite and quartz veining typify this zone. Chlorite occurs as selvages and reaction rims adjacent to veinlets and breccia fragments. Locally shearing and fracturing are intense with associated clay gouge. Pyrite occurs as ubiquitous disseminations, stringers, etc. Minor chalcopyrite and magnetite was also encountered. Other alterations encountered in core include ankerite pervading country rock and as veinlets, epidote and hematite (at the expense of primary magnetite) and secondary (?) jasper horizons. Chlorite replaces mafic minerals in volcanics and sediments as a regional metamorphic product and as a propylitic alteration product.

Additional descriptions of geological and mineralogical features encountered in drilling are appended to this report.

The best mineralization from drilling was encountered in hole J90-2 with several 1.0 m samples returning anomalous Au values >100 ppb Au including values of 0.332 oz/ton, 0.136 oz/ton Au and 0.118 oz/ton Au. These values occur within or below the main silica alteration zone, with higher Au values associated with pyrite. In hole J90-5 results to 0.036 oz/ton Au occur in silicified pyritic volcanic sandstone. Limestone horizons returned only weakly anomalous metal values.

9.0 DISCUSSION AND CONCLUSIONS

Jazzman's Gab 9 claim is located in the Iskut River region of northwestern B.C., where recent developments include the Eskay Creek deposit, Prime/Cominco's Snip Mine, Skyline's Johnny Mountain deposit, Gulf's Northwest Zone skarn deposit, and the recently discovered Eurus Resource Corp./Thios Resources' Black Dog volcanogenic massive sulphide deposit.

The Jazzman claim covers an area of favourable Mississippian to Late Jurassic (?) volcanosedimentary strata. Significantly, a carbonate horizon which hosts Gulf's Northwest Zone Au-Ag-Cu skarn to the south trends northeast across the entire length of the Jazzman property. Surface sampling of local alteration and mineralized outcrops along this trend in 1988 returned assays to 0.379 oz/ton Au. Drilling near the south claim boundary intersected the carbonate horizon in several holes, confirming the continuation to the northeast onto the Jazzman property of the stratigraphy hosting the Northwest Zone mineralization. Features characteristic of the Northwest Zone mineralization encountered in drilling on the Jazzman property including pyrite, magnetite, jasper, dolomite, chalcopyrite, chlorite, marblization and silica alteration zones. Assaying of drill core returned anomalous Au values >100 ppb Au over broad zones to 0.332 oz/ton Au. Higher gold values appear to be associated with pyrite mineralization and silica alteration.

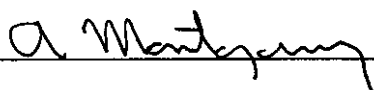
Future drill targets on the Jazzman property would include the strike and dip extension of this limestone horizon.

Specifically targets would include projected areas where silica alteration zones overlap with the carbonate horizon, and structural settings such as fold hinges and fault zones, where structural and chemical features could localize mineralization. Additional targets should include surface mineralization along the carbonate horizon to the northeast.

The potential of Jazzman's Gab 9 property lies in the location of a northeast strike extension of Gulf's Northwest Zone, or a similar such occurrence

elsewhere along the carbonate horizon. Geological data compiled to date confirms this possibility. Massive sulphides and vein/shear type deposits represent additional targets.

Respectfully submitted,



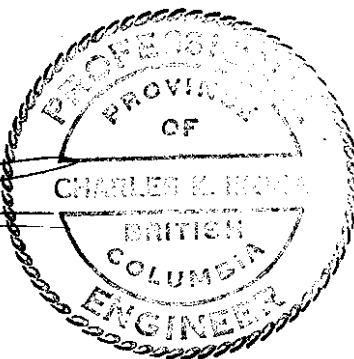
A.T. Montgomery, Geologist



S.L. Todoruk, Geologist



C.K. Ikona, P.Eng.



APPENDIX I

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BIBLIOGRAPHY

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APPENDIX II

COST STATEMENT

COST STATEMENT
JAZZMAN RESOURCES INC.
GAB 9 MINERAL CLAIM
LIARD MINING DIVISION
JULY 1, 1990 TO OCTOBER 31, 1990

WAGES

Geologists

S. Todoruk (Senior Geologist)	
- 19.5 days @ \$400.00	\$ 7,800.00
R. Darney (Senior Geologist)	
- 2 days @ \$400.00	800.00
A. Montgomery (Field Geologist)	
- 17 days @ \$325.00	5,525.00
M. Gerasimoff (Field Geologist)	
- 19 days @ \$325.00	6,175.00
K. Curtis (Field Geologist)	
- .5 days @ \$325.00	162.50

Manager/Coordinator

K. Milledge - 6.5 days @ \$250.00	1,625.00
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Prospectors

J. Anderson - 1 day @ \$300.00	300.00
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Samplers/Core Splitters

B. McAdam - 6 days @ \$225.00	1,350.00
T. Montgomery - 1 day @ \$250.00	225.00
K. Russell - 10 days @ \$225.00	2,250.00
C. O'Brien - 5.5 days @ \$225.00	1,237.50
G. Douglas - 8.5 days @ \$225.00	1,912.50
P. Hoffman - 10 days @ \$225.00	2,250.00
D. Flinn - 1 day @ \$225.00	225.00
E. Munroe - 2.5 days @ \$225.00	562.50
J. Elmore - 4 days @ \$225.00	900.00
P. Lingard - 1 day @ \$225.00	225.00
J. Anderson - 5 days @ \$225.00	1,125.00
B. Anderson - 1 day @ \$225.00	225.00
D. Enns - 2 days @ \$225.00	450.00

Surveyors

Robert Allen & Company (legal surveyors)	3,446.11
B. Lightle - 8.5 days @ \$250.00	2,125.00
B. McAdam - 3 days @ \$225.00	675.00
B. Charlton - 1 day @ \$225.00	225.00
D. Flinn - 1 day @ \$225.00	225.00
C. O'Brien - 1 day @ \$225.00	225.00

Pad Builders	<u>6,829.88</u>	
Total Wages		\$ 49,075.99
Project Supervision		37,762.00

CAMP AND EQUIPMENT EXPENSES

Room and Board		
Pamicon Crew	170 days	
Pad Builders	19 days	
Drillers	177 days	
Helicopter Crew	<u>50 days</u>	
	416 days @ \$125.00	\$ 52,000.00
Field Equipment and Supplies	<u>5,387.50</u>	57,387.50

GENERAL EXPENSES

Travel, Accommodation and Airfare	\$ 6,283.00	
Space Tel Communications	2,385.00	
Helicopter	101,780.48	
Fixed Wing	2,449.70	
Freight	1,142.73	
Assays	19,918.22	
Drilling	218,283.14	
Drill Fuel	8,159.16	
Drill Materials	8,308.57	
Survey Equipment Rental	630.00	
Plugger Rental	130.00	
Map Reproductions	150.06	
Report	<u>8,000.00</u>	
		<u>377,620.06</u>
TOTAL THIS PROGRAM		<u>\$521,745.55</u>

APPENDIX III

FIELD GEOLOGICAL SUMMARY

JAZZMAN RESOURCES INC.

1990 DIAMOND DRILL PROGRAM
FIELD GEOLOGICAL SUMMARY
FROM SURFACE AND DRILL HOLE INFORMATION

GAB 9 MINERAL CLAIM

by: M. GERASIMOFF, Geologist

August 23, 1990

North of the Iskut River, near Newmont Lake and Forrest Kerr Creek, a set of north to north-northeast trending faults dissect the bedrock into at least four major north-northeast trending blocks. A central block comprises of Jurassic diorite, granodiorite and lesser quartz monzonite would appear to be relatively displaced upward to form a horst. Newmont Lake lies centrally within a 3 to 4 km wide block on the west flank of the granitoid horst, marked by northwest verging folds which plunge to the north-northeast and south-southwest (Logan et al., 1990). Newmont Lake itself occupies a fold culmination modified by north trending and northeast trending faults. A third fault-bounded block adjoins the Newmont block on the west side, and is separated from it by the McLymont fault zone which has apparent west-side-down relative separation. The east side of the central granitoid block is the locus of several fault strands which separate it from a relatively down-dropped block east of Forrest Kerr fault.

Both the Newmont Lake block and the area to its immediate west are comprised of Paleozoic (Mississippian to Permian) Stikine Assemblage (Monger, 1977, 1984) volcanoclastic (epiclastic) strata and bioclastic debris, as well as minor fault-bounded slivers of the (otherwise unconformably overlying) Upper Triassic Stuhini Group (BCDM Open File 1990-2; Sheet 1).

The 1990 drilling program on the Gab 9 claim consists of five holes for a total footage of 6,819 feet (2078 m). Holes JA 90-01, -02, -03, and -04 form a fan-like array in a vertical plane trending AZ 115 (- AZ 295). These holes define the flank of a fold which has an apparent dip of about 45° to the east-southeast (see section). All of these holes are collared at the same location, at 1233 m elevation (see map) and penetrate up to 440 metres to a minimum elevation of 910 m above mean sea level. The rock types encountered are poorly sorted, texturally and compositionally immature volcanic epiclastic sandstone, pebbly sandstone, paraconglomerate with pebble to cobble sized clasts and (usually) a medium to coarse grained sandy matrix, and several metres thick sequences of thinly interbedded siltstone (frequently weakly pyritic) and fine to coarse grained feldspathic sandstone. These latter beds display graded bedding and load cast features which suggest deposition from

turbidity type currents, and an upright facing direction (at least locally). Thinly bedded Bouma sequences A-B and/or D-E are common, but the cross-bedded division C is either very rare or difficult to observe in core, or both. Bioclastic crinoidal and coralline limestone clasts of pebble to boulder size, and even olistostromal-block size in a pebbly matrix are found in a marker bed encountered in all holes thus far. This bed is from 20 to 40 metres thick in holes J90-1 through J90-4, and possibly as much as 93 metres thick in J90-5. It is the intersections of this marker bed in the bores which defines, more than any other feature, the subsurface structure of this area.

The bioclastic nature of the limestone fragments suggests that these rocks initially accumulated as the detritus from a shallow water reef, and their association with volcanic epiclastic rocks indicates their accumulation fringing an emerging calc-alkaline volcanic arc of Palaeozoic age.

Mass wasting of volcanic flows and pyroclastic deposits, and earthquake activity during eruptive periods probably led to thixotropic submarine slumping of deltas and coastal fans and the (at least partial) destruction of the crinoidal/coralline reef. These were carried down the submarine slope and mixed with volcanic epiclastic debris to form a "mega-glomerate" or olistostromal limestone bed(s). Overall, the depositional environment is of the deep water siliciclastic facies even though the materials may have been derived from subaerial volcanic eruptions and shallow marine fringing reefs.

STRUCTURAL FEATURES OBSERVED IN THE DRILL CORE

The most common structural features observed to date are:

1. completely healed brittle slip planes;
2. anastomosing foliations of chlorite and carbonate and less commonly epidote and carbonate which give the rock a serpentinite like appearance;

3. gouge zones consisting of pebbly carbonate and clay of a light grey colour; and
4. a protomylonitic (or "phacoidal") foliation of quartz and sericite which is usually confined to the more intensely altered (silicified and sericitized) strata.

Where observed in the field, the brittle slip planes usually have displacement across them which is less than, or approximately equal to, the spacing to the next shear (slip) plane. In other words the angular shear strain associated with these small discrete slip planes is less than 45°.

The protomylonitic shear zones (or planes) have a texture which has also been described as "phacoidal" (lenticular).

ALTERATION AND METALLIC MINERALIZATION

Geological Setting of Alteration and Mineralization

All of the volcanic and sedimentary rocks of the Iskut River area have undergone regional metamorphisms of the greenschist facies which has imparted the overall dark greenish grey to greenish black (chloritic) colouring. In the Newmont Lake area, the hydrothermal systems associated with Early Jurassic monzonite plugs and larger, Middle Jurassic and younger intrusions have overprinted this greenschist-facies regional metamorphism.

"Propylitic" hydrothermal alteration is widespread, grading into, and possibly indistinguishable from, regional metamorphism of greenschist facies. The "propylitic" alteration consists of pervasive chloritization of the mafic minerals derived from the volcanic source rocks (pyroxene and amphibole) and pervasive carbonatization.

The carbonatization is zoned. From the surface to a depth of a few hundred feet the carbonate consists of disseminated calcite (the sandstones and conglomerates, for example, react almost everywhere with dilute HCl), calcite veins and siderite. Siderite disappears beyond a few hundred feet of depth after which calcite is the only vein material. The frequently porous, or vuggy nature of the siderite suggests that the siderite may be derived from reaction of hydrothermal carbonate with iron dissolved in meteoric (ground) water). Sideritic staining is certainly very common at and probably parallels the topographic surface, which apparently transects the hydrothermal alteration zones (as described later). Epidote is relatively rare. It appears to be a late stage alteration product associated with faulting and slip-planes observed in core and in the field.

With increasing depth, calcite rapidly dwindles in proportion, giving way to dolomite veins. Dolomitization of bioclastic debris progresses from partial to complete and may be controlled by fracture porosity on the fringes of the dolomitization zone.

Bleaching of the chloritic sandstone/conglomerate near dolomite veins is a conspicuous feature, changing it from dark greenish grey or greenish black to a light brownish grey, pale red, or pale reddish brown. The mineralogical reaction taking place here appears to be the breakdown of chlorite in the hydrothermal environment of the vein. This yields Mg^{+2} which may be taken up in the dolomitization of calcite, as well as Fe^{+2} which is deposited as hematite (to give the reddish colour to the alteration) or possibly carried away in solution to be deposited elsewhere as pyrite and/or hematite and/or magnetite (dependent upon the activities of S and O in the hydrothermal system).

The dolomite zone is only about one hundred metres thick and rapidly gives way with increasing depth to moderate to intense silicification and sericitization. The zone of intense silicification is marked by the complete breakdown of original mafic minerals and the loss of greenish-black or dark greenish grey colour. The rock, bleached to a light grey, light brownish grey or

yellowish grey is composed almost entirely of quartz and sericite (both disseminated and along protomylonitic foliation planes) and possibly K-feldspar. The Fe released by the breakdown of chlorite may have been immediately re-combined to form the ubiquitous disseminated pyrite (1 to 3%) of this alteration zone.

In holes J90-1, -4, and -5 very dusky red jasper forms a rind 1 to 2 m thick between the carbonate (dolomite) alteration zone and the underlying silica + sericite alteration zone.

In hole J90-1 and -5, intense pyritization of the cherty, silicified (including jasperoidal) sandstone and conglomerate beds is related to dolomite net vein brecciation. In J90-5 in particular, the paragenetic sequence at this jasperoidal rind consists of:

1. probable pro-grade propylitization (now obliterated) with calcite;
2. probable dolomitization (now obliterated);
3. silicification with jasper, hematite (amorphous and specular varieties), and magnetite;
4. invasion of the jasperoidal chert by a fine, net-vein breccia of milky opaline quartz (chalcedony);
5. vein breccia of very pale orange dolomite, with pyrite;
6. cross-cutting barren dolomite; and
7. dolomite veins with chlorite selvages.

The last mineralogical change, the appearance of chlorite with dolomite appears to be unusual. Elsewhere chloritic selvages and retrograde alteration haloes appear on late-stage calcite veins cross-cutting rocks bleached of

chlorite during prograde dolomitization and silicification. There is a possibility here of de-dolomitization which would produce calcite plus free Mg^{+2} which would be taken up by chlorite. In J90-4 the (jasper + magnetite + hematite) rind is also mineralized with chalcopyrite, but this copper mineralization is associated with these late stage calcite veins. These late calcite veins host traces of chalcopyrite mineralization throughout the holes where they occur, and the especially intense chalcopyrite mineralization of the (jasper + hematite + magnetite) rind in J90-4 may be due to the unusual, iron-oxide rich chemistry of that zone.

COMPARISON WITH GULF'S NORTHWEST ZONE

Rich auriferous mineralization at Gulf's Northwest Zone is associated with chalcopyrite and pyrite replacements of dolomite within what were originally interpreted to be chert beds. Our drilling on the Gab 9 claims (to the north of the Northwest Zone) has shown the prograde nature of the alteration from propylitic to silicic/sericitic and also determined the true nature of the chert beds of the Gulf Northwest Zone as silicified sandstone and conglomerate, and not authigenic chert. This latter observation has since been confirmed by Gulf geologist Victor Jaramillo.

The selective auriferous mineralization/replacement of crinoidal limestone beds (or, as on the Gab 9 claims, a horizon consisting of discrete submarine talus blocks) leads to the classification of this mineralization as a skarn (sensu lato) even though the classic "skarn minerals" (such as garnet and diopside) are apparently absent at the depths probed thus far. This may be the low temperature suite of serpentine + phlogopite, muscovite, quartz, calcite, dolomite, sulphides (including chalcopyrite, bornite, chalcocite, pyrite, pyrrhotite, arsenopyrite, and galena), magnetite, and hematite found in gold-bearing skarns as noted by Boyle (1979) p. 249.

Two coincident factors are therefore required for auriferous mineralization:

1. silica + sericite alteration;
2. suitable (i.e., chemically unstable in the silica + sericite hydrothermal alteration zone) horizons for replacement (i.e., dolomitic) crinoidal limestone.

The drilling by both Gulf and by Jazzman on the Gab 9 claims has outlined an areally extensive silica + sericite alteration zone. In the plane of the drill section J90-1, 2, 3, and 4, the siliceous alteration zone approximately parallels the stratigraphy as outlined by one of the crinoidal limestone submarine talus-block horizons. Hole J90-5 approximately one hundred metres to the north was placed to test the orientation of the silicification zone (with respect to the limestone) in the north-northeastward (down-plunge) direction. If the silicification zone was sub-horizontal, then one could expect the limestone encountered in J90-1 to J90-4 to plunge downward into this alteration zone and possibly carry auriferous mineralization. However, the drilling on J90-5 has shown a plunge to the silicification zone parallel to the limestone horizon; the two do not intersect and so the alteration must be considered (for the present time) to be essentially concordant.

On Gulf's Northwest Zone, zones of more intense auriferous mineralization are not only related to dolomitized limestone within the silicification/sericitization zone, but apparently also related to faults and fractures which must have acted as hydrothermal conduits.

SUMMARY

Drilling on the Gab 9 claim of Jazzman Resources Ltd.'s McLymont project has outlined the down-plunge (to the northeast) continuation of the silicified and sericitized alteration which encloses crinoidal dolostone auriferous skarn (sensu lato) mineralization. To date, crinoidal limestone and dolostone has only been encountered above the silicification/sericitization zone and it appears very likely that the mineralized crinoidal dolostone found on Gulf's

Northwest Zone is not the same unit, but a similar one in a stratigraphically and structurally lower position. Physical limitations of the drilling equipment used for holes J90-1 through J90-5 have restricted exploration to no more than approximately 1,600'/500 m, but there is compelling geological information that warrants the re-entry of J90-1 and J90-3 (at least) for continuation of at least one hundred metres in order to intersect the down-plunge continuation of the Gulf Northwest Zone mineralized dolostone-bearing unit.

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- Monger, J.W.H. (1977): Upper Palaeozoic Rocks of the Western Canadian Cordillera and Their Bearing on Cordilleran Evolution; Canadian Journal of Earth Sciences, V. 14, pp. 1852-1859.
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APPENDIX IV

DRILL LOGS

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT JAZZMAN.	GROUND ELEV. 1245 m
HOLE NO. J-88-1	BEARING N/A.
LOCATION GAB 9 claim.	DIP 90°
	TOTAL LENGTH 324.6 m.
LOGGED BY M. GERASIMOFF, AUG. 7/1990.	HORIZONTAL PROJECT 0
DATE	VERTICAL PROJECT 324.6 m.
CONTRACTOR	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense
CORE SIZE BQ.	
DATE STARTED	
DATE COMPLETED	
DIP TESTS	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
COMMENTS Colours are those of the G.S.A. "Rock Colour Chart." <u>RELOG OF 1988 HOLE</u>	LEGEND

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	Lithology Description → GEOLOGICAL DESCRIPTION → Alteration, structure Description	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
No Core				No Core - Overburden.							
1				Fine-to-medium grained volcanic sst., pebbly volc. sst., and volc. paraconglom. Dark greenish-grey (5G4/1).							
10				Ankeritic Alteration related to fractures @ 20-30°, giving lt. brown, mod. brn., and dark yellow brown staining.							
20				Dark grey and ol. grey fine-gr. vol. sst.							
				Ankerite stain, 1m.							
30				Angular pebbly sst / paraconglomerate, Dark greenish grey (5G4/1) to greenish black (5G42/1)							
40				(COLOUR CHANGE) Purplish grey pebbly volc. sst. to paraconglomerate; angular clasts with coarse sand and granule matrix. Dolomite veinlets @ 30°							
50				As above, but mottled dark greenish grey, greenish black, very dusky red.							
60				Jumbled core; as above otherwise Pebbly calcitic gouge seam. Intense dolomite veining.							
70				One "interbed" of dusky yellow-green foliated (40°) volc. sst / pebbly sst. Hematitic fractures at 25°							
				Plagioclase Xl. tuff interbeds 1-2 dm.							
80				Pebbly volc. sst. / paraconglomerate as above; mottled v. dusky red, dk. red-brown Calcite veins @ 50°; Hem. partings @ 5°							
90				Serpentinite-like, chlorite + calc. + dol. + ank. foliation planes 78.5m - 85m. Foliation @ 15-40°; anastomosing							
90				cont'd.							

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A	B	C	D	E			
(13)				<i>cont'd.</i> Greenish black, dk. greenish grey, and lesser greyish red - mottled pebbly paraconglomerate.								
14				Some calcite vein breccia.								
100				(Colour Change)								
15				"Purplish" grayish red (5R 4/2) paraconglomerates								
110												
120				Colour Change								
17				Greenish black, dk. greenish grey								
18												
130				Strong protomylonitic foliation @ 30								
19												
140 20												
21				Lithology Break Interbeds of finely laminated, dark grey (N3) siltstone (tuff) appear. They are thin (1-10cm) interbeds with pebbly volcanic sandstone, as described above.								
150 22												
160 23												
24				Litho Break. Dark greenish grey (5G 4/1) pebbly sandstone, grit, paraconglomerate and orthoconglomerate. Some cobble-sized fragments. Angular-to-subangular. Poorly sorted, "immature" sediments!!								
170 25												
180 26												

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH						
Finely diss. pyrite appears with the silty beds. (<1% tot.)										

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A	B	C	D	E			
(26)												
190 27				<p>Litho Break.</p> <p>Re-appearance of some silty, dark-grey interbeds, as above.</p> <p>Core Bedding angle 45°</p>								
28				<p>Bedding disrupted by slip planes at high angle to bedding.</p> <p>Thinly- to very-thinly bedded, fine- to med.-grained volcanic sst (no pebbles).</p>								
200 29				<p>Moderate olive grey (5Y 5/1) colour.</p> <p>Interbeds of siltstone decrease with increasing depth, and sandstone becomes more thickly-bedded.</p>								
-210 30												
31				<p>Lithology Break.</p> <p>Light brownish grey (5YR 6/1), fine-grained sandstone appears as interbeds with med. grey (N5) or med. dk. grey (N4) siltstone, or med. olive grey (5Y 5/1) siltst.</p>								
-220 32				<p>Core - bedding angle ≈ 50°</p> <p>Dolomite vein breccias ~2m</p>								
-230 33				<p>Box 33 consists of jumbled core.</p>								
34				<p>Uncertain contact position</p> <p>Re-appearance of dark greenish grey (5G 4/1) volcanic conglomerate with angular, pebble-sized fragments (~80% by vol.) in a sandy matrix. Borders upon being an orthoconglomerate.</p>								
-240 35				<p>Dolomite veins @ 30'</p>								
-250 36				<p>Crinoidal 1st. appears in section, and would appear to be, more likely, large exotic blocks (mini-olistostromes) rather than beds of fossil hash. The blocks are of the dm-scale.</p>								
-260 37				<p>Slight reddish colour 242-255 m.</p>								
38				<p>3m of crinoidal limestone.</p>								
-270 (39)				<p>1m of crinoidal limestone</p>								

cont'd.

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A	B	C	D	E			
39				2 One metre of crinoidal limestone Gradational contact								
280	40			Dark greenish grey poorly sorted sandstone and pebbly sandstone / conglomerate, with ~0.5 m "interbeds" of mod. yel.-brown (10YR 5/4) or dark yellowish brown (10YR 4/2) fine-grained sandstone (Bleaching near gtz veins)								
290	41			dk. grn-grey sst (285-291 m) Litho break								
	42			dk. grn-grey + dusky yellow green sst (291-295 m) Litho break Pebble & cobble paraconglomerate Hematitic staining								
300	43			Litho break. Some crinoidal limestone, up to 2dm, appears here but this may be due to a core jumble.								
310	44			Greenish black, pale yellowish brown and medium dark grey mottled sst, grit-sandstone and siltstone. Core-bedding angle 40°								
320	45											
	46											
330				EOH.								
340												
350												
360												

**PAMICON
DEVELOPMENTS LIMITED**

DRILL LOG

PROJECT <i>JAZZMAN.</i>	GROUND ELEV. <i>1305m</i>
HOLE NO. <i>J 88-02.</i>	BEARING <i>Ø (N/A)</i>
LOCATION <i>GAB 9 claim.</i>	DIP <i>90°</i>
	TOTAL LENGTH <i>309m.</i>
LOGGED BY <i>M. GERASIMOFF.</i>	HORIZONTAL PROJECT <i>0</i>
DATE <i>AUGUST 7 & 8 1990.</i>	VERTICAL PROJECT <i>309m.</i>
CONTRACTOR	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>
CORE SIZE <i>BQ.</i>	
DATE STARTED	
DATE COMPLETED	
DIP TESTS	<p>TOTAL SULPHIDE SCALE</p> <p>traces only < 1% 1% - 3% 3% - 10% > 10%</p>
COMMENTS <i>Colours are those of the G.S.A. "Rock Colour Chart"</i>	
<p><u>RELOG OF 1988 HOLE</u></p>	
LEGEND	

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
				OVERBURDEN.							
1				Greenish black granule and pebble paraconglomerate - to - orthocongl.							
10			↘ 30°	Calcite veins @ 30° Pale yellowish-orange dolomite + white calcite breccia.							
20		?		Jumbled and lost core.							
30											
40			↘ 30°	Pebbly sandstone. Vuggy calcite + ank. @ 30°							
50			↘ 15°	Medium gray siltstone and dark gray pyritic siltstone Core-bedding $\angle \sim 15^\circ$ Ankeritic in top of box # 8							
60			↘ 45°	Medium gray siltstone and fine, greenish gray sandstone; finely laminated to thinly interbedded. Core-bedding $\angle \approx 45^\circ$							
70											
80			↘ 50°	Thinly bedded med. grained sst. and granulestone Med. gray siltstone and sandstone, finely laminated as above. Core-bedding angle $\approx 50^\circ$							
90			↘ 20°	Dol. + calc. veins. Core-bedding $\angle \approx 20^\circ$							
90.13											

1.1
4.

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
13				<i>Interbedded st. +sst.</i>							
14				<i>Greenish-gray pebbly sandstone, sandstone, and paraconglomerate.</i>							
100											
15											
16											
17											
120											
18											
130											
19											
140											
20											
21											
150				<i>Lithological Break.</i>							
22				<i>Mottled dk. greenish grey and very dusky red paraconglomerate.</i>							
				<i>transitional contact.</i>							
160				<i>Granule-and-pebble sst. Dark greenish grey.</i>							
24				<i>Dusky yellow-green (5G4 5/2) to grayish olive green (5G4 3/2) volc. SST. X-cut by yellowish orange (10YR 8/6) dolomite veins.</i>							
170				<i>Moderate yellowish-orange (10YR 5/4) and light brown (5YR 6/4), carbonatized and/or silicified sandstone.</i>							
180				<i>Moderately dark grey siltstone with ankeritic veins and interbeds of greenish gray (5G6/1) to light olive gray (5Y 6/1) plagioclase crystal tuft.</i>							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
<i>Traces of py. in sltst/sst.</i>									

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
<i>Trace py in s/stst.</i> <i>Trace cpy in dolostone</i>									
<i>Pyrite ubiquitous. Up to 1% (when averaged over 1m or more)</i>	<i>3</i>								

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
<i>39.</i>											
<i>280</i> <i>40.</i>				<i>One dm. wide vein of Jasper + pyrite</i>							
<i>290</i> <i>41.</i>											
<i>42.</i>				<i>Light olive gray to light br. gray sandstone (5Y 6/1) to (5YR 6/1)</i>							
<i>300</i> <i>43.</i>				<i>Greenish black sst.</i>							
<i>310.</i>				<i>Light olive grey to light brownish grey sandstone, as above</i> <i>greenish black sst.</i> <i>F.O.H.</i>							

LOCATION:

DRILL HOLE LOG

HOLE No.
JDH 88-3PAGE No.
1 of 2
 AZIM: 185
 DIP: -45°
 ELEV: 1200m.
 LENGTH: 76.8m.
 CORE SIZE: BQ.

DIP TEST

PROPERTY: JAZZMAN

 STARTED:
 COMPLETED:
 PURPOSE: RELOG OF 1988 HOLE

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

 CLAIM NO: GAB-9
 SECTION:
 LOGGED BY: M. GERASIMOFF
 DATE LOGGED: FRIDAY AUGUST 10, '90
 DRILLING CO:
 ASSAYED BY:

CORE RECOVERY:

Meters	FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		LENGTH	ASSAYS						
	FROM	TO			FROM	TO								
0	O/B.		No CORE - OVERBURDEN.											
1			Siliceous tuff; v. pale orange to pale yel. brn. Dol + ank. veins. Mottled gray, pyritic, and partially dolomitized crinoidal limestone (marble) From 4m to 64m.											
2			← Sparse ankeritic veining. (possibly siderite).											
3			Thick calcite veins.											
4			← Slight silicification. Calcite veins, hematite, and pyrite.											
5			← Slightly silicified. Calcite boxworks (vugs). Yellowish-gray (S/S) mylonitic, sericitic tuff. Foliation @ 35-55°											
6			Limestone with "ankerite" (siderite) veins and sparse hematite near these veins.											
7			Medium light gray crinoidal lst. (cont'd) cherty tuff.											
8			← bioclastic Crinoidal lst., possibly with cobble of crinoidal limestone in ~58m depth. (better-preserved crinoids than above, or below)											

J.88.03

LOCATION:

DRILL HOLE LOG

HOLE No. **JDH 88-04** PAGE No. **1 of 2**

AZIM: **165** ELEV: **1200m**
 DIP: **-45°** LENGTH: **98.5m**
 CORE SIZE:

DIP TEST

PROPERTY: **JAZZMAN.**

STARTED:
 COMPLETED:
 PURPOSE: **RELOG OF 1988 HOLE**

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

CLAIM NO: **GAB9**
 SECTION:
 LOGGED BY: **M. GERASIMOFF**
 DATE LOGGED: **AUGUST 10, 1990.**
 DRILLING CO:
 ASSAYED BY:

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NO.	FOOTAGE		LENGTH	ASSAYS							
				FROM	TO									
0		OVERBURDEN.												
1		Grey Crinoidal limestone w/ traces of Jasper. Chlorite + Jasper + pyrite veining.												
2		Crinoidal limestone with chlorite + epidote breccia veins. Becoming black and silty limestone @ 16-17m. with traces of py. in silty matrix between limestone fragments.												
3		Crinoidal lst. (cont'd)												
4		Weak calcite + siderite veining.												
5		Crinoidal limestone to EOH.												
6														
7														
8														
60														

J88 04

LOCATION:

DRILL HOLE LOG

HOLE No. JDH 88-05 PAGE No. 1 of 1

AZIM: 310° ELEV: 120m
DIP: -15 LENGTH: 45.0m
CORE SIZE: 3Q

DIP TEST

PROPERTY: JAZZMAN

STARTED:
COMPLETED:
PURPOSE: RELOG OF 1988 HOLE

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

CLAIM NO: GAB 9.
SECTION:
LOGGED BY: M. GERASIMOFF
DATE LOGGED: AUGUST 10, 1990.
DRILLING CO:
ASSAYED BY:



CORE RECOVERY:

M.	FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		LENGTH	ASSAYS						
	FROM	TO			FROM	TO								
0	OB		Overburden & cored boulder.											
1.			Crinoidal, bioclastic lst.											
2.			Crinoidal lst.											
3.			pale, yellowish orange dolostone.											
4.			Crinoidal, bioclastic lst. with siderite veins.											
			Dolostone as above.											
5.			Crinoidal lst.											
			Dolostone.											
6			Plag. sl. felt w/ saussurite red plag.											
EDH.			3 DK. greenish gray fine grained sst.											
50														
60														

J-88-05

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

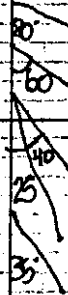
PROJECT JAZZMAN.	GROUND ELEV. 1233m.
HOLE NO. J-90-1	BEARING Az. 295°
LOCATION CLAIM GAB-9 - SOUTHERN LIMIT.	DIP 79°
	TOTAL LENGTH 398.7M.
LOGGED BY M. GERASIMOFF	HORIZONTAL PROJECT 76.1 m.
DATE	VERTICAL PROJECT 391.4 m.
CONTRACTOR FALCON DRILLING	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense
CORE SIZE BQ.	
DATE STARTED JULY 28/90	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED AUG 1/90	
DIP TESTS 300' 600' 900' 1200' 79' 77' 78' 8+79°	
COMMENTS Colours are those of the "G.S.A. Rock-color (sic) Chart"	LEGEND

AGE 12 OF 5

PROJECT: JAZZMAN

HOLE NO J50-1


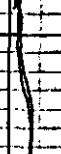


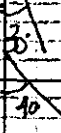




DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
0				Overburden 0- 2.10 m.							
-2											
-4											
-6											
-8											
-10											
-20											
-30											
-40											
-50											
-60											
-70											
-80											
-85											
-88											
-90											



clast-supported

Greenish black volcanic conglomerate with greenish black or reddish-brown-black ("maroon") matrix. Calcite veins throughout 1-3mm at cm-to-dm spacing. Epidote alteration patchy. Evidence of brecciation accomp. veins.

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
Sulphides virtually absent.									

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ	
					A	B	C	D	E			
100				(vuggy calc) Chlorite + hematite, hematite + epidote + calcite veinlets or fractures (w/slickensides parallel to L.A. of core).								
110				late barren vuggy calcite veins post-dating epidote + calcite veins (parallel to C.A.) ("End of conglomerate")								
120				↑ 119-120m: Intensely brecciated light greenish grey tuff or volcanic sst. (+ankerite + calcite + chlorite) rock resembling serpentine in texture. Strongest foliation @ 30°, but anastomosing.								
130				qtz veinlets @ 20, 30, 40°								
140				conglomerate, w/calc. veinlets Serpentine-like zone 0.5m with chaotic foliation; talc/chl/carb/qtz Calcite veinlets, up to 2cm, @ 40° accompanied by Ankerite								
150				Core-bedding angle of 30° → 10° between med. grained volcanic sst (dark greenish grey) and dark grey siltstone (?) or tuff. Obviously, this section must be tightly folded.								
160				Light greenish grey volcanic sandstone (tuff)								
170				- Dolomite + calcite (later) brx. veinlet 5cm true width @ 20° - Core-bedding @ 50° X-cut by slips @ 30° → 0° (across bdg. at a high angle)								
180												

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ	
					A	B	C	D	E			
180	✓			- laminated/thinly bedded volc. sst/slt @ 55° - Slip fractures @ 15° - 1m-wide zone of calcite - matrix chatter brx. - chatter brx parallel c.A.								
190	✓											
200	✓			Dolomite + lesser calcite veinlets @ 10-50° C-BA. 40°								
210	✓			CBA 60° Sst + conglomerate. increasing carb. alt ↓ + chlorite								
220	✓											
230	✓			Dolomite grey-black, olive black and dark greenish grey volcanic sst/sltst.								
240	✓			Coarsely xline marble, medium gray (slight brownish tint) "inter bedded" with (?? fault-intercalated with?) fine-grained, volcanic tuffs								
250	✓											
260	✓			volc. sst/tuffs - light olive gray with anastomosing chloritic partings								
270	✓											

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
280	✓			Tuff/Volcanic est with anastomosing chlorite/talc/carb. partings							
290	✓			Dolomitic + chert-matrix breccia of volcanics.							
300	Δ			Brownish black and light grey silicified cherty "tuff" with abundant pyrite; frequently brecciated, with sericitic foliation planes							
310	Δ			dark greenish grey to greenish black "chert" with pyrite - chertitic, chlorite partings - dolomite veins common							
320	Δ			light grey cherty tuff							
	Δ		45° CBA.	Fracture-controlled pyrite mineralization (Tectonic Fault)							
330	Δ			Cherty breccias appear throughout this section. These have gradational contacts with rather ordinary cherty tuff above and below them. The gradations are on the scale of a metre or more.							
340	Δ			The breccias consist of sand- and granule-sized matrix with pebble-sized, subangular-to-subrounded "clasts". The breccias are matrix-supported, and continue to E.O.H.							
350	Δ										
360	Δ			← Intense chloritic alteration for 0.5m							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au PPM	Ag PPM	Cu PPM	Zn PPM
		270.0	271.0	1.0m	41051	30	20.1	93	18
					41052	20	20.1	33	20
					41053	20	20.1	55	41
					41054	20	20.1	33	39
					41055	50	20.1	26	21
					41056	30	20.1	31	6
					41057	20	20.1	184	15
					41058	20	20.1	37	18
					41059	30	20.1	50	21
					41060	20	20.1	94	33
					41061	20	20.1	62	48
					41062	20	20.1	56	49
					41063	2.002	0.1	99	25
					41064	0.24	20.1	76	32
					41065	"	0.3	119	31
					41066	"	0.2	119	17
					41067	"	0.1	42	10
					41068	"	0.5	219	18
					41069	"	0.2	108	34
					41070	"	0.1	30	15
					41071	0.002	0.3	551	17
					41072	"	0.4	611	18
					41073	2.002	0.1	292	18
					41074	"	0.1	13	11
					41075	"	20.1	11	18
					41076	"	0.3	60	31
					41077	0.004	0.5	224	37
					41078	0.005	2.0	1320	24
					41079	0.005	1.1	501	20
					41080	0.005	0.3	106	10
					41081	0.003	0.3	115	13
					41082	0.006	0.2	137	9
					41083	0.007	0.7	183	6
					41084	0.005	0.3	79	21
					41085	0.005	0.3	116	21
					41086	5.002	20.1	1	11
					41087	20	20.1	135	20
					41088	250	0.2	48	23
					41089	150	0.2	268	17
					41090	740	0.2	359	26
					41091	130	0.1	241	14
					41092	80	0.2	175	9
					41093	20	20.1	210	11
					41094	620	20.1	90	14
					41095	60	20.1	135	7
					41096	30	20.1	191	6
					41097	80	20.1	236	4
					41098	80	20.1	55	5
					41099	80	20.1	13	5
					41100	30	20.1	3	2
					41101	30	0.1	6	3
					41102	300	20.1	2	5
					41103	120	20.1	1	21
					41104	370	20.1	9	7
					41105	400	20.1	3	2
					41951	ND	0.1	22	13
					41952	20	0.1	17	11
					41953	20	0.1	13	15
					41954	20	0.1	11	17
					41955	ND	20.1	7	14
					41956	170	20.1	51	16
					41957	36	20.1	15	10
					41958	38	20.1	24	12
					41959	20	20.1	35	15
					41960	10	20.1	18	13
					41961	60	20.1	11	16
					41962	60	0.1	15	16
					41963	20	20.1	21	8
					41964	10	20.1	21	9
					41965	ND	20.1	21	9
					41966	ND	20.1	21	7
					41967	210	20.1	21	7
					41968	ND	20.1	21	8
					41969	10	20.1	21	8
					41970	20	20.1	21	10
					41971	380	20.1	7	7
					41972	30	20.1	21	4
					41973	ND	20.1	21	4
					41974	10	20.1	21	7
					41975	30	20.1	21	14
					41976	ND	20.1	21	9
					41977	ND	"	"	"
					41978	ND	"	"	"
					41979	310	"	"	"
					41980	rd	"	"	"
					41981	rd	"	"	"
					41982	rd	"	"	"
					41983	20	"	"	"
					41984	20	"	"	"
					41985	nd	"	"	"
					41986	nd	"	"	"
					41987	nd	"	"	"

up to 50% pyrite + trace cpy. over 20 cm. length.

Pyrite on fractures + disseminated 1-3%. Pyrite predates later slip fractures, which offset pyrite veinlets.

Pyrite decr. downwards.

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au ppb	Ag ppm	Cu ppm	Zn ppm
		360	361		41986				
		361	362		41987				
		362	363		41988	nd	"	15	33
		etc		*	41989	nd	"	15	33
					41990	nd	"	15	33
					41991	nd	"	10	21
					41992	nd	"	10	21
					41993	nd	"	14	25
					41994	20	0.1	35	21
					41995	nd	0.1	15	21
					41996	nd	0.1	11	21
					41997	nd	0.1	13	21
					41224	10			
					41998	nd	20.1	17	7
					41999	nd	0.1	10	21
					42000	nd	0.1	10	21
					41801	nd	0.1	2	3
					41802	nd	"	3	5
					41803	nd	"	3	5
					41804	nd	"	3	5
					41805	30	"	3	5
					41806	nd	"	2	3
					41807	nd	"	2	3
					41808	40	"	2	3
					41809	10	"	2	3
					41810	nd	"	2	3
					41811	nd	"	2	3
					41812	20	"	2	3
					41813	nd	"	2	3
					41814	10	"	2	3
					41815	nd	"	2	3
					41816	10	"	2	3
					41817	10	"	2	3
					41818	10	"	2	3
					41819	10	"	2	3
					41820	20	"	5	21
					41821	40	"	2	3
					41822	nd	"	2	3
		398.0	398.7	0.7m					

PAMICON DEVELOPMENTS LIMITED

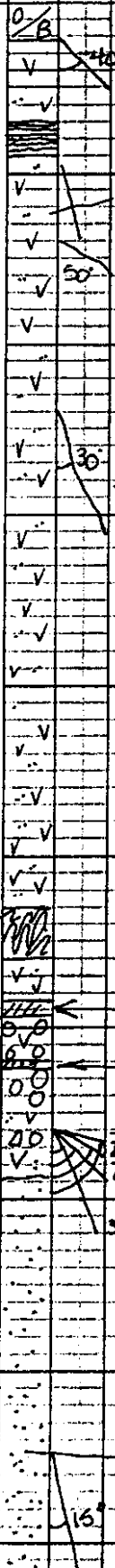
DRILL LOG

PROJECT JAZZMAN.	GROUND ELEV. 1233m																		
HOLE NO. J-90-2.	BEARING AZ 295°																		
LOCATION SOUTHERN LIMIT OF CLAIM GAB-9	DIP 73°																		
	TOTAL LENGTH 456.6m																		
LOGGED BY M. GERASIMOFF	HORIZONTAL PROJECT 133.5m																		
DATE AUGUST 4 - AUGUST 7.	VERTICAL PROJECT 436.6 m.																		
CONTRACTOR FALCON DRILLING.	ALTERATION SCALE 																		
CORE SIZE BQ.																			
DATE STARTED AUGUST 3(?), 1990.																			
DATE COMPLETED AUGUST 6 1990.	TOTAL SULPHIDE SCALE 																		
DIP TESTS <table border="1"> <tr> <td>300'</td> <td>600'</td> <td>900'</td> <td>1200'</td> <td>1500'</td> </tr> <tr> <td>70(?)</td> <td>73°</td> <td>73°</td> <td>73°</td> <td>73°</td> </tr> </table>		300'	600'	900'	1200'	1500'	70(?)	73°	73°	73°	73°								
300'	600'	900'	1200'	1500'															
70(?)	73°	73°	73°	73°															
COMMENTS <p>Colours are those of the "G.S.A. Rock-Color (sic) Chart"</p> <p>dip tests double checked results as below:</p> <table border="1"> <thead> <tr> <th>ft.</th> <th>etched dip</th> <th>corrected dip</th> </tr> </thead> <tbody> <tr> <td>308</td> <td>76°</td> <td>71°</td> </tr> <tr> <td>598</td> <td>77°</td> <td>71.5°</td> </tr> <tr> <td>908</td> <td>78°</td> <td>73°</td> </tr> <tr> <td>1208</td> <td>77°</td> <td>71.5°</td> </tr> <tr> <td>1500</td> <td>75°</td> <td>69°</td> </tr> </tbody> </table>	ft.	etched dip	corrected dip	308	76°	71°	598	77°	71.5°	908	78°	73°	1208	77°	71.5°	1500	75°	69°	LEGEND
ft.	etched dip	corrected dip																	
308	76°	71°																	
598	77°	71.5°																	
908	78°	73°																	
1208	77°	71.5°																	
1500	75°	69°																	

DEPTH (m)	BOX #	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
						A	B	C	D	E		
0	1				- Volcanic sandstone/grit with ankerite veinlets @ 40°							
1	1				- 7.0-8.5 m: Calcite cemented (barely!)							
2	2				- fault gouge, 7-9 m: grey-black with calcite & dolomite.							
2	2				- Random ankerite veinlets.							
2	2				- Calcite veinlets at 50°							
2	2				- Calcite-cemented shatter breccia							
3	3											
4	4				foliation and slip planes at ~30°							
5	5				- Ankerite veinlets							
6	6											
7	7											
8	8				Serpentinite-like textures with carbonate alteration prevalent From 53-56 m							
9	9				Dusky yellow-green coloured sst. (? epidote alteration) with ankerite grayish red matrix to volcanic conglomerate; greenish black frags.							
10	10				- Abundant calcite veinlets @ 30-70°							
11	11				Dark greenish-grey, medium-to-coarse-grained volcanic sst. with weak carb alt'n + carb veins							
13	13				Ankerite + calcite veins @ 15° frequent in this interval; some vuggy calcite							

Volcanic tuff/sst, dark greenish grey to greenish-black

Agglom.



DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A	B	C	D	E			
13				Volcanic sst.								
14				Volcanic conglomerate/grit, interbedded with coarse grained volc. sst (tuff)								
100			Ankeritic veins at 40-45°	Blackish-red fragments (subangular, pebble-sized) in greenish blk. matrix (matrix-supp.) or vice-versa (mottled)								
110												
120			50°	Volcanic sst. with structural convolutions - slip planes, some apparently graphitic; calcite veins common.								
130			35°	Serpentinite-like textures								
140			10-15°	- Volcanic sst/tuff w/ bedding at ~35°, but disrupted by slip planes. - Calcite veins @ 10°-15° with "shatter breccia" fragments.								
150			40°	Core-bedding angle 40°								
160			30°	CBA 30°								
170				Some medium-to-thick interbeds of lapilli-tuff pebbly volcanic est., from 130-180m								
180			25-30°	Serpentine-like texture, graphitic partings @ 25-30°; calcite veins.								

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ	
					A	B	C	D	E			
26				20-30° Calcite veins								
190				Chertic foliation parallel C.A.								
200				Bleached tuff, mottled pale yellowish brown and light olive gray. Appears to be brecciated upper contact ~15°, lower ~50° Dolomitized								
200				Dark grey tuff								
210				CBA = 50° Gradational, interbedded (?) contact with between volcanics above and Crinoidal limestone below, complicated by numerous slip-planes.								
220				Calcite veins @ 20-40° last crinoidal bed.								
230				Mottled black tuff/siltstone? and greenish grey tuff								
240				1.5 dm of calcite vein (scatter) breccia								
250				C.A. parallel foliation Pebbly, anastomosing gouge seams. Mottled black/lt. brn-grey tuff Lozenge-shaped fragments								
260				Light brownish grey tuff re-brecciated.								
270				Greenish black sandy tuff Gouge seams @ 20°								

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au ppt	Ag ppm	Cu ppm	Zn ppm
Trace py.									
Trace of Fuchsite ? Possibly fine-grained pink K-feldspar		193.0	194.0	1.0	41108	40	0.1	1202	31
					41109	20	0.3	172	48
					41110	10	0.1	48	44
					41111	10	0.1	6	63
					41112	ND	0.2	14	17
					41113	ND	0.2	10	11
					41114	ND	0.4	11	14
					41115	ND	0.1	55	11
					41116	ND	0.1	48	12
					41117	ND	0.1	71	13
					41118	ND	0.1	30	7
					41119	ND	0.1	66	6
					41120	ND	0.1	28	9
					41121	10	0.1	8	17
					41122	ND	0.1	21	19
				41123	ND	0.1	1	42	
				41124	ND	0.1	2	36	
				41125	ND	0.1	1	23	
				41126	20	0.1	21	28	
				41127	ND	0.1	21	28	
				41128	ND	0.1	2	30	
				41129	ND	0.1	21	19	
				41130	ND	0.1	21	24	
				41131	ND	0.1	21	21	
				41132	ND	0.1	21	52	
				41133	ND	0.1	2	84	
				41134	ND	0.1	21	37	
				41135	ND	0.1	21	48	
				41136	ND	0.1	8	113	
				41137	ND	0.2	46	19	
				41138	ND	0.1	3	21	
				41139	20	0.1	21	34	
				41140	ND	0.1	12	17	
				41141	10	0.3	31	12	
				41142	10	0.3	44	4	
				41143	nd	0.5	2	4	
				41144	30	0.1	2	11	
				41145	nd	0.1	21	37	
				41146	10	0.1	21	23	
				41147	nd	0.1	20	27	
				41148	20	0.2	25	15	
				41149	nd	0.1	15	20	
				41150	nd	0.1	14	20	
				41653	10	0.1	23	28	
				41654	10	0.1	10	32	
				41655	nd	0.1	2	19	
				41656	10	0.1	22	39	
				41657	10	0.1	9	41	
				41658	nd	0.1	18	28	
				41659	20	0.1	14	26	
				41660	nd	0.1	55	11	
				41661	nd	0.5	18	16	
				41662	nd	0.2	27	14	
				41663	nd	0.2	20	11	
				41664	20	0.4	14	30	
				41665	10	0.5	13	50	
				41666	10	0.7	14	24	
				41667	10	0.1	16	21	
				41668	40	0.1	42	45	
				41669	30	0.1	85	36	
				41670	20	0.1	53	30	
				41671	40	0.1	35	39	
				41672	10	0.1	41	51	
				41673	30	0.1	37	53	
				41674	10	0.1	12	51	
				41675	10	0.1	13	53	
				41676	20	0.1	25	44	
				41677	30	0.1	96	47	
				41678	nd	0.1	122	55	
				41679	nd	0.1	91	75	
				41680	30	0.1	73	32	
				41681	30	0.1	70	83	
				41682	20	0.1	59	84	
				41683	nd	0.1	74	96	
				41684	nd	0.2	95	28	
				41685	40	0.1	131	47	

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ	
					A	B	C	D	E			
280	10			Black, greenish black, and light brownish grey tuff								
290	41											
300	42											
310	43	SSPCBA		Cherty tuff; light br. gray to medium gray; light olive gray cherty tuffs.								
320	44	70° CBA										
330	45											
340	46	20° Py Stringer		Concentrically banded accretionary lapilli @ 325 m.								
350	47			Weak fuchsite alt'n in pebbly (lapilli) tuff; Sarcitic alt'n is moderately intense in these cherty (? silicified, bleached) tuffs. Also present are mylonitic fabrics, pressure-shadows on xls etc								
360	48			Talc parting at 15°, 30°								
370	49			Chlorite parting at 10'								
380	50			Chl. parting at 20'								
390	51			Dark greenish gray interbed of tuff in light olive gray cherty tuffs								

Core-axis parallel foliation

Black, greenish black, and light brownish grey tuff

Cherty tuff; light br. gray to medium gray; light olive gray cherty tuffs.

Concentrically banded accretionary lapilli @ 325 m.
Weak fuchsite alt'n in pebbly (lapilli) tuff; Sarcitic alt'n is moderately intense in these cherty (? silicified, bleached) tuffs. Also present are mylonitic fabrics, pressure-shadows on xls etc

Talc parting at 15°, 30°

Chlorite parting at 10'

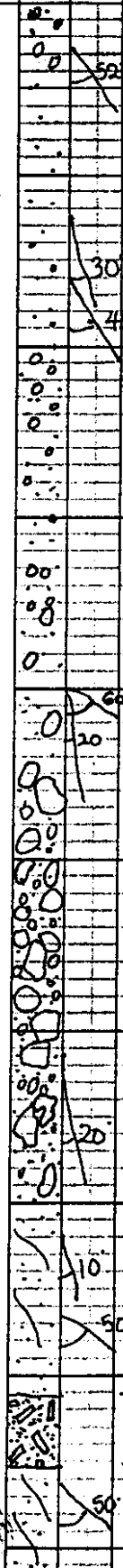
Chl. parting at 20'

Dark greenish gray interbed of tuff in light olive gray cherty tuffs

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	Au ppb oz/4	ASSAYS			
		FROM	TO	WIDTH						
Traces of py		270.0	271.0	1.0m	41688	10				
					41689	10				
					41690	30				
					41691	nd				
					41692	20				
					41693	20				
					41694	20				
					41695	10				
					41696	20				
					41697	nd				
					41698	nd				
					41699	10				
					41700	nd				
					701	nd				
					702	nd				
					703	nd				
					704	nd				
					705	nd				
					41706	nd				
					707	nd				
					708	nd				
					709	nd				
					710	nd				
					711	20				
					712	nd				
				713	nd					
				714	20					
				715	10					
Pyrite as stringers and disseminated blebs, up to ≈ 5mm Ø → approximately 5% py by volume					41716	30				
					717	30				
					718	20				
					719	10				
					720	50				
					721	210				
					722	110				
					723	60				
					724	270				
					725	530				
					41726	.13%				
					727	190				
					728	400				
					729	50				
					730	50				
					731	0.58				
					732	320				
					733	300				
					734	120				
					735	70				
					41736	40				
					737	30				
					738	10				
					739	10				
					740	nd				
				741	nd					
				742	nd					
				743	nd					
				744	nd					
				745	nd					
				41746	nd					
				41747	30					
				41748	20					
				41749	20					
				41750	10					
				41752	20					
				41753	20					
				41754	20					
				41755	10					
				41756	nd					
				41757	nd					
				41758	10					
				41759	10					
				41760	60					
				41761	50					
				41762	30					
				41763	20					
				41764	nd					
				41765	40					
				41766	nd					
				41767	60					
				41768	10					
				41769	10					
				41770	10					
				41771	10					
				41772	nd					
				41773	nd					
				41774	nd					
				41775	nd					
				41776	nd					

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A Ser.	B Cal.	C	D	E			
51				Dolomite veinlet @ 50°								
52												
53			30° 40°	Med. light gray volcanic sst/ granule-stone ("grit") Dolomite v. @ 30° Foliation def'nd by elongated, flattened grains @ 40°								
54				appearance of re-brecciation, a serpentinite-like anastomosing chloritic cleavage, and generally larger (pebble, block, bomb) volcanic fragments								
55				- Foliation is 40-50° - Dolomite veins @ 30° - Breccia is clast-supported								
56				in places, otherwise 50% pebble- or - larger frags. in a sand- or - granule matrix.								
57			60° 20°	Dol. str. 20-60°								
58				greenish gray matrix (SG6/1) and light brownish gray block/bomb-sized frags give core a mottled appearance. Some frags have green (chloritic) spots which may be pseudo- pseudomorphs after augite.								
59												
60				pyrite + chl. string at 20°								
61			10° 50°	Py/chl. 10°								
62				Extensive re-brecciation and sericitic mylonite zones. - Foliation ~ 50°								
63				intense sericite alteration, grayish red-purple (Hem?) alteration band 0.1m wide, jasper veinlets. Chlorite locally abundant, giving greenish black colour. Plagioclase Xl tuff								



Chloritic Altn increasing



MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
Pyrite blebs 1-5mm Ø	[Wavy line]	360.0	361.0	1.0	41777	nd			
					41778	nd			
					41779	nd			
		1.0m samples			41780	30			
		contiguous			41781	nd			
					41782	nd			
					41783	nd			
					41784	nd			
					41785	nd			
					41786	10			
Pyrite blebs 1-5mm Ø 1-3%	[Wavy line]				41787	nd			
					41788	nd			
					41789	20			
					41791	10			
					41792	20			
					41793	20			
					41794	210			
					41795	nd			
					41796	430			
					41797	20			
folded pyrite stringers appear here. Also pyrite in pressure shadows and along in matrix of conglom.	[Wavy line]				41798	nd			
					41799	nd			
					41800	nd			
					41901	nd			
					902	20			
					903	10			
					904	40			
					905	30			
					906	10			
					41907	30			
	[Wavy line]				909	50			
					910	20			
					911	120			
					912	10			
					913	10			
					914	30			
					915	60			
					916	nd			
					41917	20			
					918	10			
	[Wavy line]				919	20			
					920	30			
					921	20			
					922	130			
					923	nd			
					924	nd			
					925	10			
					926	10			
					41927	nd			
					928	nd			
	[Wavy line]				929	nd			
					930	130			
					931	nd			
					932	20			
					933	120			
					934	10			
					935	nd			
					936	20			
					41937	10			
					938	nd			
	[Wavy line]				939	nd			
					940	nd			
					941	nd			
					942	40			
					943	10			
					944	nd			
					945	130			
					946	20			
					41947	nd			
					948	20			
	[Wavy line]				949	nd			
					950	10			
					* 42 251	nd			
					252	250			
					253	30			
					254	10			
					255	nd			
					256	20			
					42 257	nd			
					258	40			
	[Wavy line]				259	10			
					260	nd			
					261	50			
					262	20			
					263	nd			
					264	nd			
					265	nd			
					266	nd			

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT JAZZMAN - GAB	GROUND ELEV. 1233
HOLE NO. J-90-2	BEARING 295°
LOCATION south extent of GAB9 claim	DIP -73°
	TOTAL LENGTH 676.3m (2219')
LOGGED BY A. MONTGOMERY	HORIZONTAL PROJECT
DATE Sept 28 - Oct 05 1990	VERTICAL PROJECT
CONTRACTOR ARCTIC DRILLING	ALTERATION SCALE  <ul style="list-style-type: none"> 0 absent 1 slight 2 moderate 3 intense
CORE SIZE BQ	
DATE STARTED Sept 27 (N) 1990	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> 0 traces only 1 < 1% 2 1% - 3% 3 3% - 10% 4 > 10%
DATE COMPLETED Oct 03 (D) 1990	
DIP TESTS 1318' 2219' 69° 68°	LEGEND
COMMENTS deepening of hole J-90-2 which was drilled to 456.6m (1498') by Falcon Drilling Rec'y avg. 96% * samples 55767 to 55841 fill-in samples.	

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
				Continued from 456m, 0-456.6 logged by M. Gerasimoff							
450.0				456.6-457.0 Broken/ground core/cave							
				457.0-458.3 SILICEOUS (CHERTY) TUFF light grey faintly banded v.f. grained tuffaceous particles in aphanitic groundmass B.C.A. - 60°-70°, weak milky-white dolomite-quartz fracture fillings							
455.0				458.3-461.0 PLAG.-PHYRIC, SUBVULCANIC mottled H. - med. grey to brownish grey v.f. grained massive with 1-5mm euhedral to anhedral plag. phenocrysts abundant. (maybe xsil-tuff); weak sericite alteration of plag. dolomite stringers commonly 15° T.G.A.; contacts sharp- irregular.							
460.0				461.0-463.0 SILICEOUS (CHERTY) TUFF cf. 457.0; moderate to strong fracturing to dolomite- quartz fracture filling; pale green & brownish-red casts may ⇒ sericite/hemitic ch'n							
465.0				463.0-470.2 VOLCANIC SANDSTONE (fine tuff) unbedded H. grey fine to coarse particulate tuff / siliceous tuff as above/ and deep reddish-grey interbedded tuff; B.C.A. 55°-70° weak - moderate dolomite/quartz fracture filling, strong at upr. contact; usp. sections @ 465.0- 465.3, 466.0-466.4, 468.2-468.6, 469.3-470.2 - as ↑ pyrite							
470.0											

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au PPb			
457.0-458.3: 4% stringer/ disseminated pyrite									
458.3-461.0: 2% medium grained disseminated pyrite									
		457.0	458.0	1.0	42274	30			
		458.0	459.0	1.0	42275	nd			
461.0-463.0: 1% stringer/patchy pyrite - fracture related		457.0	460.0	1.0	42276	20			
		460.0	461.0	1.0	42277	10			
		461.0	462.0	1.0	42278	120			
463.0-470.2: 1-5% pyrite as disseminations/stringers/bands; 467.0: 1cm wide band semi-massive pyrite in quartz-dolomite veined 40° TCA		462.0	463.0	1.0	42279	60			
		463.0	464.0	1.0	42280	nd			
		464.0	465.0	1.0	42281	nd			
		465.0	466.0	1.0	42282	20			
		466.0	467.0	1.0	42283	10			
		467.0	468.0	1.0	42284	20			
		468.0	469.0	1.0	42285	90			
		469.0	470.1	1.1	42286	nd			

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
				470.2-471.1 RED JASPER							
				deep red strongly fractured w/ H. blue-grey quartz & later dolomite/quartz fracture fillings quartz flooding → crackle breccia give Jasper or pinkish cast, disseminated to semi- massive pyrite							
-475.0				471.1-472.9 CRYSTAL FLOW							
				H. grey-brownish grey aphanitic faintly flow banded(?) with 1mm-3mm darker grey oval xstls abundant; banding 10°-30° tea; weak dolomite/ quartz veining, moderate sericite-(quartz) alteration upper contact sharp 35° tea.							
-490.0				472.7-479.0 ASH TUFF							
				v. fine grained H. brownish to reddish grey ± fine to 1-2mm tuffaceous material; moderate quartz-sericite alteration weak dolomite/calcrete/quartz veining as mm-wide stringers commonly 40° tea.							
-495.0				some at 472.6-473.0 ↓ (Fault) * 473.0-479.0: coarsely brecciated w/ dark grey to red quartz and jasper infilling; pale green sericite reaction rims on fragments.							
				477.0-477.9: strongly fractured/sheared 40° tea.							
				479.0-492.1 UNDIVIDED XSTL-SANDSTONE-LAPILLI TUFFS							
				red-brown grey to dark green, poorly sorted highly variable tuff; alteration also variable incl. moderate sericite-quartz to chlorite- sericite; weak calcrete- dolomite-quartz stringers							
-490.0				479.0-486.8: mainly lapilli-size volc. fragmental reddish grey to green; frags. sub-angular < 1cm- 10cm mainly intermediate volcanic							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au PPb	Au cA		
470.2-471.1: overall 5% pyrite as fine-coarse disseminations, stringers and massive patches related to quartz veining/fracturing.		470.1	471.1	1.0	42287	20			
470.6-471.0: overall ~ 10% pyrite.		471.1	472.0	0.9	42288	20			
		472.0	473.0	1.0	42289	nd			
471.1-472.9: ~2% fine-med. pyrite as stringers & rimming phenocrysts.		473.0	474.0	1.0	42290	nd			
		474.0	475.0	1.0	42291	10			
		475.0	476.0	1.0	42292	40			
		476.0	477.0	1.0	42293	10			
472.9-479.0: 1-2% pyrite mainly as stringers/disseminations in breccia matrix & fracturing.		477.0	478.0	1.0	42294	nd			
		478.0	479.0	1.0	42295	nd			
		479.0	480.0	1.0	42296	nd			
		480.0	481.0	1.0	42297	250			
		481.0	482.0	1.0	42298	110			
		482.0	483.0	1.0	42299	20			
		483.0	484.0	1.0	42300	nd			
		484.0	485.0	1.0	55651	nd			
479.0-492.4: 1-2% pyrite mainly as stringers associated with fractures + carbonate-quartz stringers.		485.0	486.0	1.0	55652	nd			
486.2-486.7: ~5% pyrite as bands-stringers		486.0	487.0	1.0	55653	1150	0.028		
		487.0	488.0	1.0	55654	70			
492.2-492.4: coarse patchy pyrite rimmed by chlorite selvage.		488.0	489.0	1.0	55655	40			
		489.0	490.0	1.0	55656	20			
		490.0	491.0	1.0	55657	30			
		491.0	492.0	1.0	55658	nd			

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
				481.5: 2cm wide dolomite veinlet. 30° tea.							
495.0				486.8-492.4: coarse volc. clastic grades into fine xstl tuff; red-brown-grey to dark green v. fine grained groundmass ± fine white xstls - aligned along bedding planes 50° tea.							
				487.0-488.0: moderate - strong calcite-dolomite stringers.							
				492.4-533.6 VOLCANIC BRECCIA							
500.0				dark green to reddish-brown grey coarse volcaniclastic; abundant angular to sub-rounded lithic - mainly volcanic fine & porphyritic, intermediate - fragments in fragment rich v. fine matrix. alteration mod. sericite - chlorite & possibly hematite (forming core a deep red cast) with local silicification. weak calcite-dolomite-quartz veining.							
505.0				498.8: 3cm wide calcite-quartz veinlet 35° tea.							
				505.8: 3cm wide calcite-dolomite veinlet 55° tea; dolomite bands at edge of vein to calcite in centre.							
				520.3: calcite stringer 60° tea with chloritic selvage along edges.							
510.0				512.2-514.2: stepped up calcite/dolomite veinlets / sericite alteration							
				509.8: calcite veinlets 35° tea w 20cm quartz-calcite-chlorite alteration selvage							
515.0											

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		AU PPB		
		492.0	493.0	1.0	55659	80		
		493.0	494.0	1.0	55667	80		
		494.0	495.0	1.0	55668	60		
		495.0	496.0	1.0	55669	20		
		496.0	497.0	1.0	55670	10		
492.4-533.6 : 1-3% pyrite disseminated & stringers.		497.0	498.0	1.0	55660	160		
497.5-499.0: ~4% pyrite as stringers/bands 20"- 40" thick.		498.0	499.0	1.0	55661	340		
		499.0	500.0	1.0	55671	nd		
501.2-502.0: ~3-4% pyrite as stringers/ patches.		500.0	501.0	1.0	55672	20		
		501.0	502.0	1.0	55662	9200	332	
		502.0	503.0	1.0	55673	240		
		503.0	504.0	1.0	55674	20		
		504.0	505.1	1.1	55675	30		
		505.1	506.1	1.0	55663	100		
		506.1	507.0	0.9	55676	20		
		507.0	508.2	1.2	55677	30		
		508.2	509.5	1.3	55678	30		
		509.5	510.5	1.0	55664	140		
		510.5	511.5	1.0	55679	30		
		511.5	512.4	0.9	55680	200		
		512.4	513.4	1.0	55665	nd		
		513.4	514.4	1.0	55666	10		
		514.4	515.4	1.0	55681	110		

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
520.0				517.4: 1cm wide quartz calcite veined 20° tca is 0.5cm wide pyrite band							
530.0				526.1: weak calcite alteration; + weak calcite stringer veins 35-60° tca. 528.0: lt. reddish brown-grey colouration down section corresponds with alteration change to sericite-quartz-(hematite) is increased milky calcite-quartz stringer veining, 50-60° tca. 531.7 - 533.6: strongly sheared 15° tca & brecciated opening of mylonite texture, calcite veinlets parallel shearing (pre-shear).							
535.0				533.6-535.2 SILICEOUS (CHERTY) TUFF H. grey v. fine grained is fine to <1cm sized white fragments, upr contact irregular sharp ~10° tca. 533.7-534.2: interbed of volcanic breccia as above 70° tca 535.2: lwr contact 60° tca.							
537.5				535.2-669.9 VOLCANIC BRECCIA cf. above unit (492.4m) *beds ~ 535.2 - 538.0: interbeds of finer material → volcanic sandstone make up ~ 60% of core. 535.2: weak milky white calcite/quartz stringers: veinlets 30-60° tca. this section							

core magnetite down hole stringer down esp. chert grey (epilli. fragments) matrix → magnetite.

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		AU PPb	AU O/T		
		515.4	516.4	1.0	55782	90			
		516.4	517.2	0.8	55783	90			
		517.2	518.2	1.0	55667	260			
		518.2	519.2	1.0	55784	110			
		519.2	520.2	1.0	55785	40			
		520.2	521.1	0.9	55786	200			
521.3-521.9: increased pyrite to ~ 5% disseminated/ patchy/ stringers.		521.1	522.1	1.0	55668	450			
		522.1	523.1	1.0	55787	200			
		523.1	524.1	1.0	55788	480			
		524.1	525.1	1.0	55789	70			
		525.1	526.1	1.0	55790	140			
527.5: 0.5 m wide pyrite band 15° tra.		526.1	527.3	1.2	55791	70			
		527.3	528.3	1.0	55669	400			
		528.3	529.3	1.0	55670	190			
533.6-535.2: 1% pyrite disseminations/ patchy		529.3	530.3	1.0	55671	60			
		530.3	531.3	1.0	55672	20			
		531.3	532.3	1.0	55673	240			
		532.3	533.3	1.0	55674	70			
		533.3	534.3	1.0	55675	320			
		534.3	535.3	1.0	55676	360			
		535.3	536.3	1.0	55677	1210	.052		
		536.3	537.2	0.9	55792	280			
535.2-541.0: 1-3% pyrite patchy disseminations & stringers, locally 5% pyrite 535.6-535.9: 5% fine to coarse patchy disseminated pyrite.		537.2	538.0	0.8	55793	480			
		538.0	539.0	1.0	55678	2010	.060		
		539.0	540.0	1.0	55794	520			
		540.0	541.1	1.1	55795	400			
		541.1	542.1	1.0	55679	360			
		542.1	543.4	1.3	55796	nd			
		543.4	544.4	1.0	55680	170			

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
				511.5-511.6: 4cm wide calcite/ quartz veinlet. 60°+cc.							
				543.1-543.7: strongly fractured w/ strong calcite/cyanite veinlets 60°+cc; minor clay gouge on fractures.							
				544.0-544.3: strong fracture w/ 3cm wide green clay gouge section.							
				548.0-548.3: h. brownish-grey bleaching; quartz-sericite-hematite alteration; adjacent to narrow calcite-quartz veinlet.							
				549.7-550.2: strong fracturing/ shearing 50-60°+cc; clay gouge on fractures; strong veining w/ milky-white calcite-quartz stringers; zone continues to 553. - weakly - after this section alteration moderate strength - sericite- chlorite - (calcite) hematite							
				559.0-560.7: stepped up fracturing/ sericite-hematite-(clay) with milky calcite-dolomite veinlets 35°+cc.							
				561.2: thin reaction rims (clay) along edges of lithic clasts							
				565.5-578.4: increased alteration/fracturing (to minor brecciation) ± calcite/dolomite veinlets & pyrite/(chalcopyrite) mineralization; with moderate → strong sericite- quartz with weaker hematite/ chlorite/clay/carbonates; calcite/ dolomite veinlets 20 → 70°+cc; decreased magnetite.							
				565.5-565.7: clay-calcite gouge on narrow fracture 20°+cc.							
				569.0-569.1: rubble/grit ⇒ fault, white quartz material. amongst rubble.							
				570.1-570.4: strong carbonate veining.							
				577.6-578.4: strong calcite 20°-30°+cc grades to less altered/ less fractured, cherted rock.							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		AU / ppb			
541.0 : generally ↓ pyrite down hole (-with appearance of magnetite.) avg. <1% to trace pyrite disseminated/stringers.		544.4	546.0	1.6	55681	120			
		546.0	547.0	1.0	55682	110			
		547.0	548.0	1.0	55683	80			
		548.0	549.0	1.0	55684	150			
		549.0	550.0	1.0	55685	250			
565.5-578.5 : increased pyrite ± chalcopyrite; <1% - 1 to 2% fine-medium grained fracture-controlled stringer/disseminated pyrite ± less chalcopyrite - associated in carbonate veinlets; < sulphide below 570m.		550.0	551.0	1.0	55686	20			
		551.0	552.0	1.0	55687	nd			
		552.0	553.0	1.0	55688	160			
		553.0	554.0	1.0	55689	610			
		554.0	555.0	1.0	55690	60			
		555.0	556.0	1.0	55691	20			
		556.0	557.0	1.0	55692	40			
		557.0	558.0	1.0	55693	10			
* sample 55797: 559.1-560.3 originally not split in error : sampled as 55797.		558.0	559.0	1.0	55694	20			
		559.1	560.3	1.2	55797*	nd			
		559.0	560.0	1.0	55695	60			
		560.0	561.0	1.0	55696	no result.			
		561.0	562.0	1.0	55697	20			
		562.0	563.0	1.0	55698	nd			
		563.0	564.0	1.0	55699	nd			
		564.0	565.0	1.0	55700	20			
		565.0	566.0	1.0	55701	10			
		566.0	567.0	1.0	55702	50			
		567.0	568.0	1.0	55703	40			
		568.0	569.0	1.0	55704	nd			
		569.0	570.0	1.0	55705	30			

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		AD / Ppb		
		570.0	571.0	1.0	55706	30		
		571.0	572.0	1.0	55707	30		
		572.0	573.0	1.0	55708	nd		
		573.0	574.0	1.0	55709	30		
		574.0	575.0	1.0	55710	220		
		575.0	576.0	1.0	55711	160		
		576.0	577.0	1.0	55712	40		
		577.0	578.0	1.0	55713	100		
		578.0	579.0	1.0	55714	30		
		579.0	580.0	1.0	55715	nd		
		580.0	581.0	1.0	55716	nd		
		581.0	582.0	1.0	55718	nd		
		582.0	583.0	1.0	55719	nd		
		583.0	584.0	1.0	55717	nd		
		584.0	585.0	1.0	55718	20		
		585.0	586.0	1.0	55719	30		
		586.0	587.0	1.0	55720	nd		
		587.0	588.0	1.0	55800	nd		
		588.0	589.0	1.0	55801	nd		
		589.0	590.0	1.0	55802	nd		
		590.0	591.0	1.0	55721	nd		
		591.0	592.0	1.0	55722	20		
		592.0	593.0	1.0	55723	70		
		593.0	594.0	1.0	55724	nd		
		595.0	596.0	1.0	55725	nd		
		596.0	597.0	1.0	55726	nd		
		597.0	598.0	1.0	55727	nd		
		598.0	599.0	1.0	55728	20		
		599.0	600.0	1.0	55729	10		
		599.0	595.0	1.0	55803	* nd		
		600.0	601.0	1.0	55730	nd		
		601.0	602.0	1.0	55804	10		
		602.0	603.0	1.0	55805	nd		
		603.0	604.0	1.0	55806	nd		
		604.0	605.0	1.0	55807	nd		
		605.0	606.0	1.0	55808	nd		
		606.0	607.0	1.0	55809	nd		
		607.0	608.0	1.0	55810	nd		
		608.0	609.0	1.0	55731	160		
		609.0	610.0	1.0	55732	nd		
		610.0	611.0	1.0	55733	nd		
		611.0	612.0	1.0	55811	10		
		612.0	613.0	1.0	55812	nd		
		613.0	614.0	1.0	55813	nd		
		614.0	615.0	1.0	55814	50		




DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
616.5-617.0				fine grained calcite-quartz veinlet 15° tca ± 20%							
623.5				weak epidote alteration							
627.0				increased calcite/quartz stringers with moderate sericite-chlorite-calcite alteration ± epidote							
631.5				notable increase in hematite at 631.5 m down hole, to ~633.3							
633.3				increase in chlorite/veining corresponds to ↓ magnetite, core becoming non-magnetic above calcite veinlet 420° tca ± 60° tca remaining							
632.9-634.6				strong epidote ± pyrite ophy veinlets							
				* strange fracturing of core down to ~660m							
640.3-641.0				strong fracturing ~ 70° tca							
641.3-642.0				3cm wide calcite-quartz veinlet 20° tca ± H. reddish-brown grey quartz-sericite? alteration 50 cm down hole							
644.0-644.2				strong calcite/quartz veining 30° tca ± associated alb.							
645.0				decreased veining down hole, decreased alteration - chlorite-sericite-calcite							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		AU PPb	AU oz/t		
616.8-617.0 : ~5% pyrite as coarse patches in veinlet		615.0	616.5	1.5	55815	nd			
		616.5	617.5	1.0	55734	nd			
		617.5	619.0	1.5	55816	nd			
		619.0	620.0	1.0	55735	nd			
622.5-623.5 : ~1% pyrite pyrite (pyrite) with arsenic calcite / quartz veinlet - similar patch at 624.2m.		620.0	621.0	1.0	55817	nd			
		621.0	622.0	1.0	55818	nd			
		622.0	623.0	1.0	55819	nd			
		623.0	624.0	1.0	55736	nd			
		624.0	625.0	1.0	55737	nd			
627.0 : ~1% fine - coarse patchy - stringer - pyrite/ (malcorvite) associated with stringers, down hole - grey to ~ 630.0 where silphide stringers commonly down hole.		625.0	626.0	1.0	55820	nd			
		626.0	627.0	1.0	55821	20			
		627.0	628.0	1.0	55738	630			
		628.0	629.0	1.0	55739	40			
		629.0	630.0	1.0	55740	320			
		630.0	631.0	1.0	55741	2060	062		
		631.0	632.0	1.0	55822	10			
		632.0	633.0	1.0	55823	10			
640.3-643.0 : increased pyrite ± chalcovite ; ~1%		633.0	634.0	1.0	55742	30			
		634.0	635.0	1.0	55743	10			
		635.0	636.0	1.0	55744	30			
		636.0	637.0	1.0	55824	100			
		637.0	638.0	1.0	55825	30			
		638.0	639.0	1.0	55826	40			
		639.0	640.0	1.0	55745	nd			
		640.0	641.0	1.0	55746	20			
		641.0	642.0	1.0	55747	60			
		642.0	643.0	1.0	55748	40			
		643.0	644.0	1.0	55749	nd			
		644.0	645.0	1.0	55750	nd			
		645.0	646.0	1.0	55827	10			
		646.0	647.0	1.0	55828	10			
	647.0	648.0	1.0	55829	10				
	648.0	649.0	1.0	55830	20				
	649.0	650.0	1.0	55751	110				
651.0 : increased sulphide down hole - <1% pyrite ± chalcovite stringers & patchy dissemination.		650.0	651.0	1.0	55752	40			
		651.0	652.0	1.0	55753	nd			
		652.0	653.0	1.0	55831	nd			
		653.0	654.0	1.0	55832	30			
		654.0	655.0	1.0	55833	60			
		655.0	656.0	1.0	55834	50			
		656.0	657.0	1.0	55754	100			
	657.0	658.0	1.0	55755	160				
	658.0	659.0	1.0	55835	100				
	659.0	660.0	1.0	55756	670				

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
670.0				668.8-668.7: intense sericite - quartz - carbonate alteration w string calcite - quartz veinlets & stringers 20-30° tea; associated pyrite & chalcopyrite.							
				667.1-667.5: intense veining ± H ₂ O grey clay exposure.							
				668.7 - 669.9: mod. sericite - chlorite alteration, weak calcite - quartz stringers							
				669.9-676.3 PALE GREEN SILICEOUS TOFF/FLOW							
				aphanitic massive pale green siliceous (felsic) stuff or possibly flow; ± 2 mm quartz & feldspar phenocrysts rare, upper contact sharp 10° tea. w minor shearing; weak calcite - quartz stringer veinlets							
670.0				*NOTE - 2nd to last box of core tipped over; resorted but still some jumble.							
				675.0 - 676.0: intensely altered - w shearing & calcite/quartz veining; sericite ± quartz - clay - carbonate altered, sheared 10-20° tea; strong white calcite quartz veinlets parallel shearing.							
				676.3 E.O.H.							

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT JAZZMAN 	GROUND ELEV. 1233 m.
HOLE NO. J-90-03.	BEARING AZ. 295
LOCATION JAZZMAN'S GAB-9 CLAIM, AT SOUTHERN LIMIT OF CLAIM.	DIP 83° throughout
	TOTAL LENGTH 388 m
LOGGED BY M. GERASIMOFF	HORIZONTAL PROJECT 47.3 m
DATE AUGUST 7, 1990.	VERTICAL PROJECT 385.1 m
CONTRACTOR FALCON DRILLING.	ALTERATION SCALE 
CORE SIZE BQ.	
DATE STARTED AUGUST 6, 1990.	TOTAL SULPHIDE SCALE 
DATE COMPLETED August 9, 1990.	
DIP TESTS @ 300 feet, 600' 900' 1200' 83' 83' 83' 83'	
COMMENTS There is a detailed, supplementary log for 240m - 260m. at the end of the regular log (pp. 6a & 6b of 6)	LEGEND

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A	B	C	D	E			
93-96			10-15°	93-96m: Serpentinite-like texture; Epidote + calcite in foliated zones cm-to-dm wide @ $\angle \approx 10-15^\circ$ and $\approx 60^\circ$								
100-110				Greenish black and v. dusky red pebble and-cobble sandstone/paraconglom. with angular-to-subrounded frags.								
110-120			30°	Calcite + chl + hem veins @ 30°								
120-130			20°	Grn-black & dk. grn-grey sst./pebbly sst / grit interbeds; Ankerite veins, gouge seam								
130-140				Grn-blk. & dk. grn. gray paraconglom. Intense calc + dol. att'n, + vein breccia and pebbly gouge seam at $\sim 20^\circ$								
140-150			25°	Dk. grn-grey pebbly sst./paracongl. First Crinoidal Pebble, 150.3m Thinly bedded, pebbly dark grn-grey volcanic sst. and dark grey siltst. Core-bedding angle $\sim 25^\circ$								
150-160			40-50° 20°	Calcite veins and vein brx. @ $40-50^\circ$ and 20°								
170-180												

cont'd

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
Oxidized pyrite 127.4-128.0									
Disseminated pyritic laminae in siltstone which appear to follow sandy laminae; py. < 1% total volume									

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
				Cont'd.							
190				Thinly interbedded, pebbly, dark green-gray volcanic sst and dark grey siltstone. Core-bedding $\angle = 25^\circ$							
				As above, but sst. > siltst.							
200				Core-bedding $\angle = 30^\circ$							
220				Medium gray siltstone, dark green-gray sandstone in a chaotic, (dolomite) + calcite (dom. calcite) crackle vein breccia. Veins domin. $0^\circ, 50^\circ, 30^\circ$							
230				Greenish black (5G4/1) and dark greenish grey (5G4/1) paracongl.							
240				Dolomitic crackle vein breccia and carbonate alteration (intense)							
250				Chloritic seams and mylonitic foliations at $30^\circ - 40^\circ$							
252-254				Bioclastic crinoidal lst.							
254-260				pebbly gouge seam @ $0-10^\circ$ Brecciated pyrite Pebbly siltst/lst and siltst.							
260				Mottled light/med. lt. gray & yellowish grey.							
260-294				medium bluish gray (5B5/1) - to dark greenish gray (5G4/1) medium-grained volcanic sst.							

See Detailed Supplement, Page 6.

continues:

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Ag Pb	Ag ppm		
		211-	212.0	1.0	42351	nd	<		
		1.0m sampling			352	20	<		
		contiguous			353	nd	<		
					354	nd	<		
					355	10	<		
					356	40	<		
					357	20	<		
					358	nd	<		
					359	20	<		
					42360	30	<		
					360	30	<		
					361	10	<		
					362	20	<		
					363	10	<		
					364	20	<		
		226	227	↓	365	30	<		
					366	nd	<		
					NS				
					NS				
					NS				
					NS				
					NS				
		240	241	1.0m	42367	10			
		1.0m sampling			368	10			
		contiguous			369	30			
					370	30			
					371	20			
					372	10			
					373	20			
					374	10			
					375	20			
					376	30			
					42377	nd			
		251	252	↓	378	nd			
					NS				
		253.8	255	1.2	42379	100			
		255	256	1.0	42380	100			
		1.0m sampling			381	60			
		contiguous			382	nd			
					383	nd			
					384	20			
					42385	40			
					386	40			
					387	60			
					388	70			
					389	80			
					390	110			
					391	290			
		267	268	↓	392	20			

Up to 1% py as blebs (up to 1cm Ø) when averaged over 1dm or more.

Cpy fracture, controlled over 1dm ≈ 1%

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
280				260-294 m (cont'd): Medium bluish gray (5B 5/1) - to dark greenish gray (5G 4/1) medium grained volcanic sst.							
290											
300				Greenish gray (5G 4 6/1) and light brownish grey (5YR 6/1) sandstone, pebbly sandstone, and conglomerate. Mottled, losing greenish grey colouration with increasing depth.							
310				2dm of vuggy calcite + pyrite py. stringer w/ dolomite gangue. Pink calcite veins cross-cutting pyrite mineralization pyrite stringer @ 30°							
320				Strong mylonitic / sericitic / chloritic foliation @ 30° Light brownish grey from 315m downward.							
330											
340											
350											
360											

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		AO		
					NS ↓			
		289	290	1.0	42373	170		
					394	130		
					395	40		
					396	20		
					397	40		
					398	20		
					399	10		
		296	297		42400	10		
		297	298		401	20		
					402	nd		
					403	40		
					404	40		
					405	50		
					406	20		
					407	10		
					408	20		
					409	20		
					42410	20		
					411	10		
		309	310		412	10		
					413	20		
					414	30		
					415	950		
					416	30		
					417	110		
					418	70		
					419	160		
					42420	30		
					421	10		
		319	320		422	30		
					423	30		
					424	20		
					425	70		
					426	10		
					427	10		
					428	40		
					429	40		
					42430	50		
					431	60		
		319	330		432	30		
					433	80		
					434	50		
					435	210		
					436	40		
					437	40		
					438	80		
					439	10		
					42440	30		
					441	40		
		339	340		442	90		
					443	60		
					444	210		
					445	30		
					446	60		
					447	20		
					448	30		
					449	30		
		346	347		42450	120		
		347	348		451	200		
		348	349		452	40		
		349	350		453	40		
					454	60		
					455	60		
					456	40		
					457	60		
					458	40		
					459	20		
					42460	nd		
					461	10		
		359	360	✓	462	10		
					463	nd		

2cm-wide pyrite stringer vein →

pyrite < 1%

3 1/4m →
1-3% pyrite as
stringer veinlets parallel
to strong foliation @ $\angle=30^\circ$

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
				Siliceous/silicified pebbly sst. and conglomerate as before (above).							
370			50°	Vuggy pink-and-white calcite in veins parallel to mylonitic sericite/chlorite foliation @ $\angle \approx 50^\circ$							
380											
390				EOH							
400											

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		AU	Pb	
1-3% disseminated blebs of pyrite, and as stringers parallel to foliation.	100%	360	361	1.0m	42464	nd		
					465	nd		
					466	nd		
					467	nd		
					468	nd		
					469	nd		
					470	nd		
					471	nd		
					472	nd		
					473	nd		
					42474	nd		
					475	10		
					476	30		
					477	10		
					478	30		
					479	10		
					480	460		
					481	160		
					482	30		
					483	20		
			42484	10				
			485	60				
			486	10				
			487	10				
			488	nd				
			489	10				
			490	10				
			42491	nd				
		387.0	387.9					

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	DETAILED SUPPLEMENT GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
240m				227m to 240.8m: Paraconglomerate.							
241			30°	Dolomitic vein breccia; chloritic mylonitic foliation, wavy calcite							
242			35°	Med. gray stst, possibly lst., in tectonic breccia Yellowish grey (5Y7/2) dol. brx. (crackle); light greenish gray (5G6/1) chloritic veins dom. @ 35°							
243				Limey siltstone/sst. with crinoidal bioclastic interbeds. Cherty, sericitic foliation bands @ 50° are dusky yellowish green (5G4.6/2) and grayish yellow green (5G4.7/2)							
244			50°								
245m											
246											
247											
248											
249											
250				Crackle brx of lst. & limey stst.							
251				Slip-fractured medium dark gray silty limestone - limey siltstone							
252				Bioclastic crinoidal limestone; pinkish grey (5YR 8/1) - to - very pale orange (10YR 8/2) dolomitized frags. in a stst.							
253			10°	matrix (med. gray - N5)							
254				Greenish-gray (5G4.6/1) siltstone, pebbly siltstone, and sandstone							
255				- lighter colour prob. due to carbonate alteration							
256			30°	- at 30°, chlorite selvages on 1-5mm thick calcite + dolomite veinlets, with traces of py.							
257											
258											
259											
260m				Med. bluish-gray (5B 5/1) - to - dark greenish gray (5G 4/1), medium-grained volcanic st.							
261											
262											
				Continues to 294. metres.							

DETAILED SUPPLEMENT

PAGE 6b OF 6.

PROJECT: JAZZMAN

August 8/90.

HOLE NO. J90-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
1-3% blebby pyrite overall Up to 1% fracture-controlled cpy. over only 1dm. <i>copy</i>									
Traces of pyrite.									
Sporadic pyrite in rounded blebs and as euhedra related to fractures. Averaged over a metre or more, there's <1% py.									

**PAMICON
DEVELOPMENTS LIMITED**

DRILL LOG

PROJECT <i>JAZZMAN</i>	GROUND ELEV. <i>1233m</i>
HOLE NO. <i>JA-90-4</i>	BEARING <i>N/A</i>
LOCATION <i>GAB-9 claim - southern boundary.</i>	DIP <i>90°</i>
	TOTAL LENGTH <i>351.1 m</i>
LOGGED BY <i>Mike Gerasimoff</i>	HORIZONTAL PROJECT <i>N.A.</i>
DATE <i>AUGUST 11 - 14, 1990.</i>	VERTICAL PROJECT <i>351.1 m.</i>
CONTRACTOR <i>FALCON DRILLING.</i>	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>
CORE SIZE <i>BQ.</i>	
DATE STARTED <i>AUGUST 9/90.</i>	
DATE COMPLETED	
DIP TESTS <i>300' 600' 900' 1200'</i> <i>89° 90 90 90</i>	<p>TOTAL SULPHIDE SCALE</p> <p>traces only < 1% 1% - 3% 3% - 10% > 10%</p>
COMMENTS <i>Colours are those of the "G.S.A. Rock-Color Chart"</i>	

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
<i>Pyrite = dissem. blebby patches ≤ 1% py</i>	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
	<i>5</i>								
<i>Malachite stain in vuggy calcite matrix @ 15°</i>									

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
				Gouge seam 3dm thick; pyritic (~1% as euhedra), pebbly and white-to-light grey mottled.							
				95.1m to 148.1m.							
-100				Dark greenish gray (SG4/1) and greenish black (SG2/1) coarse pebbly sandstone and paraconglomerate. Scattered pebbles of crinoidal bioclastic limestone.							
			15°	- 95.7 - 96.6m and 101.5 to 102.7m: Siderite + calcite veining.							
-110			20°	- 103.3-104.2m: Sideritic alteration, protomylonitic (phacoidal) seams, and traces (±1%) of disseminated pyrite.							
			20-25° C.B.A.	- Calcite veins @15°. Dusky yellow green (SG4 5/2) epidotic margins to sideritic alteration							
-120				- 106.1-109.7m traces of cpy in white calcite veins @20°							
				- 125.3-125.6m sideritic veins @20°							
-130											
-140			10-20°	- 142.6 - 145.7m: calcite veins @10°-20°							
-150			30°	- 146.6-146.9m: broken core. Calcite vein @30°							
			45°	Interbedded pyritic siltstone, crystal tuff pebbly sandstone, and bioclastic calcarenite 2cm thick. Core - bedding angle ~45°							
trace cpy				@158.2m: 1dm of white calcite vein							
-160			40° C.B. L ≈ 40								
-170				← slightly pyritic, slightly vuggy calcite veinlet.							
			40°	- @ 170m: protomylonitic ("phacoidal") seam 4cm thick @ L ≈ 40°							
-180				180.4-183.8m: see next page							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
<i>Cpy traces 106.1-109.7m.</i>									
<i>@155.8m: 1dm - thick light grey dolomite vein with a trace of chalcopyrite.</i>									



DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
				180.4m - 183.8m: Pebbly sst interbedded with thinly-bedded siltstone.							
			55	186.5 thinly bedded siltstone CBL = 55°							
190				188.1m: 3dm of phyllonitic/phacoidal dolomitic limestone with calcite veining							
				188.7-199.6m: greenish gray (5G 6/1) to greenish black (5G 2/1) interbedded volcanic para-conglomerate and sandstone.							
200			10-15	199.6-202.7: interbeds of lt. grey dolomitic clastic debris in volcanic sst and paraconglomerate Calcite veins @ 10-15°; vein-brk.							
				202.7-216.7m: Thinly interbedded greenish gray sst. and medium dark grey (N4) siltstone.							
210			35	- Carb. - Core-bedding $\angle \approx 35^\circ$ - Edg. - Conjugate calcite AND dolomite veins at 30° (parallel to bedding, and across bedding at a high angle.) - Carb.							
220				216.7-258.5m: Coarse greenish grey pebbly volcanic sst., with lesser fine-grained sst and very fine-grained sandstone interbeds. Core-bedding $\angle \approx 55-60$.							
230											
240											
250				249.6m - 250m: Dol. + calc. + chl. breccia veins and slip plane parallel to core axis.							
260											
270				258.5-261.8m: Very coarse grained sst & pebbly sst; ortho-conglomerate. Greenish gray (5G 4/1) to grn. blk. - 261.8-262.1 phacoidal chl. + dol (5G 2/1) + trace jasper + py $\leq 1\%$. - 262.1-263.2m: Yellowish gray (5Y 8/1) dolomite with chloritic hairline fract. - 269.4-271.6 lt. brn-grey altered sst w/ lesser green-grey mottle							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		Au Ppb	Ag ppm	Cu ppm	Zn ppm
<i>Pyrite reaction - rims on pebbles and blebby internal replacement. ≤ 2% py</i>									
<i>263.2-267: Mottled greenish-grey - lt. brownish grey breccia of sst w/chl. and dolomite veins @ 45°-55° and 1-2% py. as stringer veinlets and blebby replacements.</i>		<i>261.7</i>	<i>263.4</i>	<i>1.7</i>	<i>41301</i>	<i>0/0</i>	<i>1.0</i>	<i>28</i>	<i>19</i>
		<i>263.4</i>	<i>264.6</i>	<i>1.2</i>	<i>41302</i>	<i>10/10</i>	<i>0.4</i>	<i>71</i>	<i>16</i>
		<i>264.6</i>	<i>265.8</i>	<i>1.2</i>	<i>41303</i>	<i>20/20</i>	<i>1.3</i>	<i>265</i>	<i>41</i>
		<i>265.8</i>	<i>267.0</i>	<i>1.2</i>	<i>41304</i>	<i>0/0</i>	<i>0.3</i>	<i>135</i>	<i>25</i>
					<i>NS</i>				

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS				TOP	BOT
		FROM	TO	WIDTH		As ppb	Ag ppm	Cu ppm	Zn ppm		
277.7 - 281.9m: Four zones 0.3-1.0m wide of intense? dolomitic? alteration imparting reddish brown hues from lt. brn. gray to pale red (10R6/2) to mod. red brown (10R4/6)	277.7	278.7	1.0	41305	0/0	0.3	7	42			
Most intense alt'n is ass'd. w/ jasper + chlorite veins	278.7	279.7	1.0	41306	0/10	0.3	<1	42			
	279.7	280.7	1.0	41307	0/10	0.2	<1	29			
	280.7	281.7	1.0	41308	0/10	0.2	<1	29			
285.3-286.2 Dol. + calcite + chl + jasper + magn + py (3-5%) + cpy (1-2%?) + qtz.	285.0	285.9	0.9	41309	650/750	1.7	7069	42			
	285.9	287.0	1.1	41310	ND						
	287.0	288.0	1.0	41311	10						
	1.0m	contiguous		41312	ND						
				41313	ND						
				41314	10						
				315	ND						
				316	ND						
				317	50						
				318	20						
				319	10						
				320	20						
				321	40						
				322	20						
				323	10						
				41324	ND						
				325	20						
				326	ND						
				327	ND						
				328	ND						
				329	20						
				330	ND						
				331	ND						
				332	ND						
				333	ND						
				41334	ND						
				335	ND						
				336	ND						
				337	130						
				338	ND						
				339	550						
				340	ND						
				341	ND						
				342	130						
				343	60						
				41344	10						
				41345	20						
				41346	60						
				41347	ND						
				41348	70						
				41349	ND						
				* 41350	ND						
				41401	ND						
				41402	ND						
				41403	ND						
				41404	ND						
				405	ND						
				406	20						
				407	30						
				408	ND						
				409	ND						
				410	ND						
				411	ND						
				412	ND						
				413	ND						
				41414	40						
				415	ND						
				416	20						
				417	ND						
				418	60						
				419	70						
				420	ND						
				421	10						
				422	230						
				423	30						
1-3% fracture-controlled pyrite. Also pyrite as colloform on edges of incompletely replaced siltstone interbed.	350.0	351.1	1.1	41424 (EOH)	30						

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT JAZZMAN - GAB	GROUND ELEV. 1233 m
HOLE NO. J-90-4	BEARING -
LOCATION GAB 9 claim - southern boundary	DIP -90°
	TOTAL LENGTH 576.0m (1890')
LOGGED BY A. Montgomery	HORIZONTAL PROJECT -
DATE Oct 08 '90	VERTICAL PROJECT 576.0m
CONTRACTOR Arctic Drilling	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense
CORE SIZE BQ	
DATE STARTED Oct 04 (D) 1990	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED Oct 10 (D) 1990	
DIP TESTS 1157' (352.6m) 1575' (480.0m) 1889' (575.7m) 90° 90° 90°	
COMMENTS - continuation of hole J-90-4, previously drilled to 351.1m by Falcon Drilling, logged by M. Gerasimoff. - hole shut down at 576.0m (1890') due to poor ground conditions - rods sticking.	LEGEND

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		AU PPB		
351.1-384.1 : 1-2% pyrite as disseminations, stringers & rare bands.		351.1	353.0	1.9	55842	nd		250% recy
369.3: km wide vented of pyrite/hematite(chalcopyrite)/carbonate 50°ten.		353.0	354.0	1.0	55843	20		
		354.0	355.0	1.0	55844	30		
		355.0	356.0	1.0	55845	40		
		356.0	357.0	1.0	55846	nd		
		357.0	358.0	1.0	55847	nd		
		358.0	359.0	1.0	55848	nd		
		359.0	360.0	1.0	55849	nd		
		360.0	361.0	1.0	55850	nd		
		361.0	362.0	1.0	3201	60		
		362.0	363.0	1.0	3202	40		
		363.0	364.0	1.0	3203	10		
		364.0	365.0	1.0	3204	600		
		365.0	366.0	1.0	3205	110		
		366.0	367.0	1.0	3206	100		
		367.0	368.0	1.0	3207	50		
		368.0	369.0	1.0	3208	40		
		369.0	370.0	1.0	3209	10		

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A	B	C	D	E			
				363.0 - 381.1: slight increase in chlorite as fracture coarsens, fine pyroxene & biotites, calcite with yellow, exist to core possibly ⇒ dolomitization.								
380				381.1 - 386.5 ALTERED INTRUSIVE reddish-brown-grey massive fine grained porphyritic, 2-1mm dia sericitized feldspar? set in f.g. pyroxene; strong sericite-quartz? - dolomitic alteration obscures original texture; upr. contact sharp irregular - 80° tea low contact broken weak dolomitic veining, 70° tea.								
390				386.5 - 396.1 SILICIFIED ASH TUFF cf. 351.1 - 384.1, bedding 80° tea defined by grain size changes aphanitic → silt size rare fragments to lens with coarse material, weak chloritic micro fractures + selective alteration of beds, weak dolomitic veining.								
400				*386 - 392 m stronger fracturing of core.								
410				396.1 - 433.5 SILICIFIED LAPILLI TUFF similar pervasive quartz, sericite + weak dolomitic alteration as above, granular contact over 10cm into lapilli size fragmental - clast rich; minor dolomite/quartz veinlets 10°-50° tea, weak chlorite rims in some veinlets.								
				401.8 - 406.9: notable appearance of chloritic alteration giving core a dark green cast, stronger from 403.4 to 403.8								

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		AU PPB		
		370.0	371.0	1.0	3210	10		
		371.0	372.0	1.0	3211	10		
		372.0	373.0	1.0	3212	130		
		374.0	374.0	1.0	3213	20		
		374.0	375.0	1.0	3214	10		
		375.0	376.0	1.0	3215	50		
384.2: 0.5cm wide fine pyrite band 30° tea.		376.0	377.0	1.0	3216	10		
		377.0	378.0	1.0	3217	nd		
		378.0	379.0	1.0	3218	40		
		379.0	380.0	1.0	3219	20		
		380.0	381.0	1.0	3220	10		
		381.0	382.0	1.0	3221	10		
		382.0	383.0	1.0	3222	10		
		383.0	384.0	1.0	3223	nd		
384.1-386.5: <1% fine-med. grained disseminated pyrite		384.0	385.0	1.0	3224	200		
		385.0	386.0	1.0	3225	180		
		386.0	387.0	1.0	3226	50		
		387.0	388.0	1.0	3227	30		
		388.0	389.0	1.0	3228	50		
		389.0	390.0	1.0	3229	20		
		390.0	391.0	1.0	3230	10		
386.5-396.1: minor fine disseminated pyrite, rare stringer pyrite.		391.0	392.0	1.0	3231	nd		
		392.0	393.0	1.0	3232	nd		
		393.0	394.0	1.0	3233	nd		
		394.0	395.0	1.0	3234	nd		
		395.0	396.0	1.0	3235	230		
		396.0	397.0	1.0	3236	10		
		397.0	398.0	1.0	3237	nd		
		398.0	399.0	1.0	3238	20		
		399.0	400.0	1.0	3239	nd		
		400.0	401.0	1.0	3240	40		
		401.0	402.0	1.0	3241	10		
396.1-433.5: <1% fine to med. grained pyrite disseminations/stringers/veinlets. (decreases slightly down hole)		402.0	403.0	1.0	3242	10		
		403.0	404.0	1.0	3243	nd		
		404.0	405.0	1.0	3244	nd		
		405.0	406.0	1.0	3245	nd		
		406.0	407.0	1.0	3246	nd		
405.7-406.3: slight increase to 1% pyrite patchy disseminations & stringers.		407.0	408.0	1.0	3247	20		
		408.0	409.0	1.0	3248	490		
		409.0	410.0	1.0	3249	40		
		410.0	411.0	1.0	3250	nd		
409.1: 2 parallel 0.5cm fine pyrite bands 25° tea		411.0	412.0	1.0	3251	nd		
		412.0	413.0	1.0	3252	20		
		413.0	414.0	1.0	3253	110		
		414.0	415.0	1.0	3254	10		

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.	
					A	B	C	D	E			
				412.0-412.8: increased dolomite-calcite veining, as irregular veinlets & veinlets to 2cm wide 20° ca.								
420	90			422.0-423.0: stringer quartz-dolomite veinlets 20° ca precede stringer veining & quartz flooding from 422.6-423.0								
				423.0-423.1: narrow <1cm → 2cm grey quartz-breccia veinlet 20° ca, with fine pyrite in quartz matrix								
430				429.9-429.97: rubble → cave?								
				433.5-441.5 SILICIFIED ASH TUFF cf. 351.1-387.1, sandstone size to v. fine grained without lapilli size clasts as above similar quartz-sericite to weak dolomite alteration as above. 1-4mm calcite dots common, weak dolomite & quartz veinlets stringers.								
440				441.5-447.0 SILICIFIED LAPILLI cf. 396.1-433.5, gradational from above with into lapilli over 4m with 1st clast at 441.5 to clast rich at ~ 445.5m.								
				442.7: 5cm wide band of 2-3mm sericized square xrls rimmed in dolomite?								
450	90			443.0-454.0: rare lt. pink carbonate? in dolomite veinlet; dolomite veining, generally weak.								
				450.2-451.0: weak chlorite alteration								
				455.1: 1cm wide clay orange shales 60° ca.								
				456.0-457.1: irregular <2cm wide dolomite/quartz/calcite veining 10° ca.								
460												

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		AU PPB		
413.4 : minor coarse patchy pyrite local around 20'ca chlorite fracture		415.0	416.0	1.0	3255	60		
		416.0	417.0	1.0	3256	nd		
		417.0	418.0	1.0	3257	nd		
		418.0	419.0	1.0	3258	nd		
		419.0	420.0	1.0	3259	nd		
		420.0	421.0	1.0	3260	nd		
		421.0	422.0	1.0	3261	nd		
		422.0	423.0	1.0	3262	nd		
		423.0	424.0	1.0	3263	nd		
		424.0	425.0	1.0	3264	nd		
		425.0	426.0	1.0	3265	nd		
		426.0	427.0	1.0	3266	nd		
		427.0	428.0	1.0	3267	nd		
		428.0	429.0	1.0	3268	nd		
433.5 - 441.5 : minor fine disseminated pyrite : fine to medium grained patchy stringers		430.0	431.0	1.0	3270	nd		
		431.0	432.0	1.0	3271	nd		
		432.0	433.0	1.0	3272	nd		
		433.0	434.0	1.0	3273	nd		
		434.0	435.0	1.0	3274	nd		
		435.0	436.0	1.0	3275	nd		
		436.0	437.0	1.0	3276	nd		
		437.0	438.0	1.0	3277	nd		
		438.0	439.0	1.0	3278	nd		
		439.0	440.0	1.0	3279	nd		
441.5 - 449.1 : minor pyrite as fine to medium grained disseminations.		440.0	441.0	1.0	3280	nd		
		441.0	442.0	1.0	3281	nd		
		442.0	443.0	1.0	3282	nd		
		443.0	444.0	1.0	3283	nd		
		444.0	445.0	1.0	3284	nd		
450.2 - 451.0 : slight increase in pyrite to 1% with chlorite alteration.		445.0	446.0	1.0	3285	nd		
		446.0	447.0	1.0	3286	nd		
		447.0	448.0	1.0	3287	nd		
456.2 - 456.5 : 2-3% pyrite + minor chlorite fine to coarse patchy disseminations interstitial to fragments		448.0	449.0	1.0	3288	nd		
		449.0	450.0	1.0	3289	nd		
		450.0	451.0	1.0	3290	nd		
		451.0	452.0	1.0	3291	nd		
		452.0	453.0	1.0	3292	nd		
		453.0	454.0	1.0	3293	nd		
		454.0	455.0	1.0	3294	nd		
		455.0	456.0	1.0	3295	nd		
		456.0	457.0	1.0	3296	100		
		457.0	458.0	1.0	3297	20		
		458.0	459.0	1.0	3298	10		
		459.0	460.0	1.0	3299	nd		

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		AU PPb		
		460.0	461.0	1.0	3300	nd		
		461.0	462.0	1.0	3301	60		
		462.0	463.0	1.0	3302	nd		
		463.0	464.0	1.0	3303	nd		
		464.0	465.0	1.0	3304	Ad		
468.6-469.1: 1% pyrite veinlets/ stringers		465.0	466.0	1.0	3305	nd		
		466.0	467.0	1.0	3306	nd		
		467.0	468.0	1.0	3307	nd		
		468.0	469.0	1.0	3308	nd		
469.1-494.8: minor stringer pyrite.		469.0	470.0	1.0	3309	nd		
		470.0	471.0	1.0	3310	40		
		471.0	472.0	1.0	3311	30		
		472.0	473.0	1.0	3312	20		
		473.0	474.0	1.0	3313	nd		
		474.0	475.0	1.0	3314	nd		
		475.0	476.0	1.0	3315	nd		
480.3-481.3: ~1% pyrite disseminated/stringer assoc. related with shearing.		476.0	477.0	1.0	3316	nd		
		477.0	478.0	1.0	3317	nd		
		478.0	479.0	1.0	3318	nd		
		479.0	480.0	1.0	3319	nd		
		480.0	481.0	1.0	3320	nd		
		481.0	482.0	1.0	3321	nd		
		482.0	483.0	1.0	3322	nd		
		483.0	484.0	1.0	3323	70		
		484.0	485.0	1.0	3324	10		
		485.0	486.0	1.0	3325	30		
		486.0	487.0	1.0	3326	10		
		487.0	488.0	1.0	3327	nd		
		488.0	489.0	1.0	3328	nd		
		489.0	490.0	1.0	3329	nd		
		490.0	491.0	1.0	3330	nd		
		491.0	492.0	1.0	3331	20		
		492.0	493.0	1.0	3332	20		
		493.0	494.0	1.0	3333	nd		
494.8-514.0: minor pyrite as fine stringers/disseminations with rare fine chalcopyrite		494.0	495.0	1.0	3334	nd		
		495.0	496.0	1.0	3335	nd		
198.7: minor fine fracture controlled chalcopyrite with pyrite.		496.0	497.0	1.0	3336	270		
		497.0	498.0	1.0	3337	nd		
		498.0	499.0	1.0	3338	nd		
		499.0	500.0	1.0	3339	20		
503.3-503.5: minor chalcop- pyrite with ~ 1% pyrite stringers/disseminations		500.0	501.0	1.0	3340	nd		
		501.0	502.0	1.0	3341	nd		
		502.0	503.0	1.0	3342	nd		
		503.0	504.0	1.0	3343	nd		
		504.0	505.0	1.0	3344	nd		

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ	
					A	B	C	D	E			
510	71		X	fractured core, grey clay gouge on fractures, infrequent								
	83		X	dark green chloritic seams 30° tea.								
	69		X	509.9: decreased fracturing								
				corresponds with decreased alteration to mod-stress sericite-quartz-chlorite, weak calcite veining 20-50° tea, (to 528.0)								
	90			514.0-511.5 SILICIFIED LAPILLI TUFF								
				cf. 469.1-494.8; grades to lapilli from above finer unit, alteration variable intense quartz-sericite to moderate sericite-quartz-(chlorite).								
520				weakly to strongly fractured ± minor clay gouge on fractures, 514.0-528.0: moderate sericite-quartz-(chlorite) altered, weak calcite veining								
				526.8-527.2: strongly fractured 20° tea								
			X	527.9-529.3: strong shearing 20° tea with grey clay seams.								
530				weaker shearing carries on down hole to ~ 534.6.								
				below 528.0 alteration intense quartz-sericite with hairline clay-calcite fracturing weak to intense ± shearing as above.								
				539.2-539.9: intense white clay altered fracturing < 20° tea								
				weaker fracturing 544.0-553.4, few fragments noted - may be ash tuff or fragment poor.								
540	83			553.4-557.5: increasing fracturing & clay alteration leading to foliated quartz-calcite-pyrite								
	90			veining at 554.3-554.6 & intermittently down hole with strong to intense fracturing / clay gouge & calcite veinlets.								
550				556.4-559.0: v. strong - intense fracturing < 10° tea with calcite								

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		AU ppb			
		505.0	506.0	1.0	3345	nd			
		506.0	507.0	1.0	3346	nd			
		507.0	508.0	1.0	3347	nd			
		508.0	509.0	1.0	3348	nd			
		509.0	510.0	1.0	3349	nd			
		510.0	511.0	1.0	3350	nd			
		511.0	512.0	1.0	3351	nd			
		512.0	513.0	1.0	3352	nd			
		513.0	514.0	1.0	3353	nd			
		514.0	515.0	1.0	3354	nd			
514.0-554.3: minor fine to coarse patchy disseminated pyrite.		515.0	516.0	1.0	3355	nd			
		516.0	517.0	1.0	3356	130			
		517.0	518.0	1.0	3357	nd			
		518.0	519.0	1.0	3358	nd			
527.9-529.3: ~1% fine to medium grained pyrite as series of fracture related disseminations.		519.0	520.0	1.0	3359	nd			
		520.0	521.0	1.0	3360	nd			
		521.0	522.0	1.0	3361	nd			
		522.0	523.0	1.0	3362	nd			
		523.0	524.0	1.0	3363	nd			
		524.0	525.0	1.0	3364	nd			
		525.0	526.0	1.0	3365	nd			
		526.0	527.0	1.0	3366	nd			
		527.0	528.0	1.0	3367	nd			
		528.0	529.0	1.0	3368	nd			
		529.0	530.0	1.0	3369	nd			
		530.0	531.0	1.0	3370	nd			
		531.0	532.0	1.0	3371	nd			
		532.0	533.0	1.0	3372	nd			
		533.0	534.0	1.0	3373	nd			
		534.0	535.0	1.0	3374	nd			
543.3-545.3: increased pyrite >1% fine stringers related to overall fracturing in area.		535.0	536.0	1.0	3375	nd			
		536.0	537.0	1.0	3376	nd			
		537.0	538.0	1.0	3377	50			
		538.0	539.0	1.0	3378	nd			
554.3-554.6: foliated quartz-calcite vein 20" x ca with 5-10% fine to coarse pyrite as banding, similar veining occurs intermittently down section at 553.2-555.4, 555.8-555.9, 556.0-556.1, 559.2-559.5, 561.3-561.6, 561.95-562.1. Also minor veining. 5% Ss pyrite blobs/lenses/disseminations intermediate to massive sections <1% lobe - disseminated pyrite		539.0	540.0	1.0	3379	nd			
		540.0	541.0	1.0	3380	nd			
		541.0	542.0	1.0	3381	70			
		542.0	543.0	1.0	3382	nd			
		543.0	544.0	1.0	3383	nd			
		544.0	545.0	1.0	3384	nd			
		545.0	546.0	1.0	3385	nd			
		546.0	547.0	1.0	3386	nd			
		547.0	548.0	1.0	3387	nd			
		548.0	549.0	1.0	3388	nd			
		549.0	550.0	1.0	3389	nd			

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
				veining of strong clay gouge on fractures.							
560				562.7 - 564.5: strongly fractured w white clay gouge; fractures <10° tca.							
				564.5: claim section alteration - includes H. green outcrop - sericite - altered areas amongst more quartz dominated areas.							
570				565.9 - 566.7: strongly fractured 10° tca.							
				568.2 - 568.8: intense fracturing with abundant H. grey clay gouge 10° tca.							
				- weaker fracturing to 571.2, intense sericite - quartz altered.							
				571.2 - 571.5: strongly fractured 40° tca.							
				EOH							
				571.5 - 576.0 FAULT GOUGE							
				H. to dark grey clay gouge with abundant quartz-calcite veined fragments in clay matrix; poor recovery.							
				576.0 E O H							

**PAMICON
DEVELOPMENTS LIMITED**

DRILL LOG

PROJECT <i>JAZZMAN (GAB-9 claim)</i>	GROUND ELEV. <i>1254 m</i>
HOLE NO. <i>J-90-05</i>	BEARING <i>N.A.</i>
LOCATION <i>approx 46 + 50 E 50 + 50 N.</i>	DIP <i>-90°</i>
	TOTAL LENGTH <i>484.0 m</i>
LOGGED BY <i>M. GERASIMOFF</i>	HORIZONTAL PROJECT <i>N.A.</i>
DATE <i>AUGUST 16, 1990 - AUG. 21, '90</i>	VERTICAL PROJECT <i>484.0 m.</i>
CONTRACTOR <i>FALCON DRILLING LTD.</i>	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>
CORE SIZE <i>30.</i>	
DATE STARTED <i>AUGUST 14, 1990.</i>	
DATE COMPLETED <i>AUGUST 21 / 1990</i>	
DIP TESTS <i>300' 600' 900' 1200' 90° 90° 90° 90°</i>	<p>TOTAL SULPHIDE SCALE</p> <p>traces only < 1% 1% - 3% 3% - 10% > 10%</p>
COMMENTS <i>Colours are those of the G.S.A. "<u>Rock Color (sic) Chart</u>"</i> <i>see A. Mandomeny's log for additional details 401.7m - 481.0m.</i>	<p>LEGEND</p> <p><i>G = Gouge. F = Fuchsite J = Jasper H = Hematite M = Magnetite</i></p>

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
				<p><i>NB: general note of lithology</i></p> <p>0- Volcanic sandstone, pebbly sst., and paraconglomerate in various degrees and types of alteration, mostly carbonate alteration.</p>							
10				<p>0-10.1 m: dk. greenish grey (5G4/1) carbonate altered sst. Calcite veins @ 40°</p>							
20				<p>10.1-24.4 m: Carbonate + hematite - altered volcanic paraconglomerate & volc. sst. Angular fragments of pebble-size. Mottled olive gr (5Y4/1) to ol. blk. (5Y2/1), dark grn-gray to grn-blk. (5G4/1 to 5G2/1), and very dusky red (10R2/2)</p>							
30				<p>24.4-31.4 m: Lt. ol. grey, dk. grn-grey, grn-blk., and greyish red-purple (5RP4/2) carb-alt'd sst. Calcite + chlorite veinbrx @ 45° cross-cut earlier calcite + siderite veins @ 40° and proto-mylonitic foliation @ 15°</p>							
40				<p>31.4-43.0: Intense hematite alt'n + carbonate alt'n of volc. pebbly sst - mottled greenish black and very dusky red. This alteration cross-cut by (calcite + siderite) veins of dk. yellowish orange</p>							
50				<p>43.0-79.6 m: Mottled greenish black (5G2/1) and very dusky red (10R2/2) volcanic paraconglomerate and pebbly sandstone. Carbonate-alteration pervasive, but moderate.</p>							
60											
70											
80				<p>79.6-85.6 m: Cross-cutting (calcite + siderite) veins and alt'n, post-dated by calcite veins w/o siderite and occasional vugs.</p>							
90				<p>85.6-93.3: Same as 43.0-79.6 m.</p>							

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
				Foliation in sideritic att'n zone @ 50°							
-90				93.9-99.0m: Calcite + siderite veins cross-cut by vuggy "barren" calcite. Intense carb. att'n → med. bl. gray (5B5/1) to pale red (5R 6/2) and pale red-purple (5RP 6/2)							
-100				99.0-120.7m: Mottled greenish black & very dusky red volcanic pebbly sst. and paraconglomerate, as before.							
-110				Sparse (siderite + calcite) and "barren" calcite veining. Pervasive carbonate alteration of moderate intensity.							
-120				120.7-141.7: Intense carbonate-alteration zone							
-130	G	G		120.7-126.8: Angular, serpentinite-like breccia of pebble congl. + possible sltst. interbeds.							
		F		126.8-130.5: Lt. to med. gray pebbly dol. + trachite gouge							
	G			130.5-132.3m: Dk. grn-gray volcanic sst. progressively altered (downward) to dolomitic(?) carbonate + EUGHSITE.							
-140				Most-intensely att'd zone is about 0.5 m of pale yellowish-brown (10YR 7/2) colour.							
	G			132.3-138.1m: Mottled dk green/v. dusky red							
-150				141.4-141.7: White and pink (pale pink, 5RP 8/2) partly vuggy calcite with chlorite, epidote and sericitic alteration rim along 1dm-thick vein. 1-2 mm Ø xls of cpy within the calcite, near the vein margins only.							
		V		Sericitic foliation of about 20° to core axis.							
-160				141.7-191.4m: greenish black (5G2/1) & very dusky red (10R2/6) paraconglomerate with sparse (siderite + calcite) veins and calcite (only) veins.							
				151.7-152.7m: (Siderite + calcite) veins @ 30°, cross-cut by barren vuggy calcite @ 0°-15°							
-170				55°-80° Barren, white calcite veins @ 55°-80° and @ 15°-20°							
				15°-20°							
-180				178.6-191.1m: Sparse dolomite veining, with specular hematite (? I believe), and							

(cont'd)

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
				(cont'd)							
				pale yellowish brown (10YR 6/2) alteration haloes imposed upon dark greenish gray sandstone (5G4/1). Calcite veins are cross-cutting and lack obvious alteration haloes.							
-190											
				191.1-200.0m: Carbonate (dolomitic) - altered sandstone and dark grey (N2) siltst., thinly bedded. Alteration is associated with dolomite veins. Possible thin bed of foliated (crinoidal?) siltst. hash*							
-200				200-214.0 m: Greenish black pebble paraconglomerate (with pervasive, moderately intense, CaCO ₃ - alteration as is the case with almost all of the greenish-black sst/congl. series).							
-210											
				214.0-253.3 m: dark grey siltstone, thinly interbedded with dark greenish grey (5G4/1) sandstone of medium-to-coarse grain size. Becoming more sand-rich and thickly-bedded with depth. Core-bedding angle of ~70° @ 218m " " " ~45° @ 238m							
-220											
-230											
-240											
-250				~0.6m of ? limey siltstone							
				253.3-264.0 : dark greenish grey pebble-and-cobble volcanic paraconglomerate.							
-260											
				264.0-276.5m Crinoidal bioclastic limestone (not dolostone) cobbles and boulders in a pebbly sst and paraconglomerate matrix							

* not dolostone

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS		
		FROM	TO	WIDTH		Ag PPb	Ag OZ/t	
<i>Pyritic 1st. (hash?) 1-2dm thick</i>								
		264.0	265.0	1.0	41425			
		265.0	266.0	1.0	41426		1.005	
		266.0	267.0	1.0	41427		"	
		267.0	268.5	1.5	41428		"	
		268.5	269.5	1.0	41429		"	
		269.5	271.4	1.9	41430		"	
		271.4	272.4	1.0	41431		"	
		272.4	273.4	1.0	41432		"	

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ
					A	B	C	D	E		
				Crinoidal, bioclastic limestone boulder conglomerate. (cont'd.)							
-280				276.5 - 295.7 m: pebbly sst. and paraconglomerate.							
-290				Conjugate sets of calcite veins @ 30°-40° and narrow (1-5 cm) bands of "crackle" breccias. Overall character is brittle and lacking aff'n.							
				295.7 - 296.6 m: last crinoidal 1st. boulder							
300				297.2 - 313.6: Intense dolomitic carbonate alteration, bleaching rock from chloritic greenish black, to a pale yellowish brown (OYR 6/2) Accompanied by later dolomite + calcite veins with chlorite selvages and pyrite, as well as traces of chalcopyrite. See Note 7							
-310				313.6 - 320.6 m: Thinly interbedded volc. sst. w/ crinoid fragments, and dark grey siltstone. Alteration gives sst mottled grn-blk / lt. brn-grey colour.							
320				320.6 - 327.1 m: Pebbly volc. sst. interbedded with lesser very thin beds of siltstone.							
-330				327.1 - 342.6 m: Serpentinite-like texture exhibited by mottled dk. grn-grey, grn-grey, and lt. blue-grey carbonate-altered volcanic sst. Sericite ± talc foliations best dev'd. @ 20°-50°; Also anastomosing. Chlorite appears as selvages on (later) calcite veins.							
340				342.6 - 352.0 m: Interbedded sst., siltst., and bioclastic, crinoidal calcarenite. Mottled dark, dk. grn-grey, lt. brn. grey, with very lt. grey-to-very pale orange dolomite.							
-350				352.0 - 382.8 m: Dark greenish grey volcanic sandstone with light brownish grey alteration haloes around cross-cutting, barren dolomite veins. Pebbly in 352.0 - 354 m.							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM (m)	TO (m)	WIDTH (m)		AV PPL	AV OZ/T		
		273.4	274.4	1.0	41433		<.005		
		274.4	274.4	0.5	41434		"		
		274.9	275.9	1.0	41435		"		
		275.9	276.4	0.5	41436		"		
		295.75	296.85	1.10	41437		"		
		351.8	352.85	1.05	41438		"		
		409.5	409.7	5.2	41439		"		
		410.4	411.5	1.10	41440		"		
		additional fill-in sampling:							
		Oct 8 '90							
		141.3	142.0	0.7m	41501	nd			
		199.7	195.2	0.5	41502	10			
		199.2	200.2	1.0	41503	70			
		296.8	298.0	1.2	41504	50			
		298.0	299.0	1.0	41505	30			
		299.0	300.0	1.0	41506	60			
		313.3	314.0	0.7	41507	30			
Traces of cpy in pyrite →		316.0	317.0	1.0	41508	30			
Note: Some of the dolomite veins have phacoidal (protomylonitic) talc(?) and/or sericite-and-chlorite foliated margins.		317.0	318.0	1.0	41509	nd			
		318.0	319.0	1.0	41510	nd			
		319.0	320.0	1.0	41511	230			
		320.0	321.0	1.0	41512	nd			
		332.0	333.0	1.0	41513	nd			
		333.0	334.0	1.0	41514	nd			
		334.0	335.0	1.0	41515	nd			
		335.0	336.0	1.0	41516	nd			
		336.0	337.0	1.0	41517	nd			
@ 319.1 & 320.0 m: Pyrite w/ tr. cpy. →		337.0	338.0	1.0	41518	nd			
		338.0	339.0	1.0	41519	nd			
		339.0	340.0	1.0	41520	nd			
		340.0	341.0	1.0	41521	nd			
		341.0	342.0	1.0	41522	nd			
		342.0	343.0	1.0	41523	nd			
		343.0	344.0	1.0	41524	nd			
		344.0	345.0	1.0	41525	nd			
		345.0	346.0	1.0	41526	20			
≤ 1% pyrite as irregular patchy replacements, with traces of cpy		346.0	347.0	1.0	41527	nd			
Some traces of cpy in dol. veinlets		347.0	348.0	1.0	41528	nd			
		348.0	349.0	1.0	41529	90			
		349.0	350.0	1.0	41530	50			
		350.0	351.0	1.0	41531	110			
		352.0	353.0	1.0	41532	nd			
		353.0	354.0	1.0	41533	30			
		354.0	355.0	1.0	41534	40			
		355.0	356.0	1.0	41535	nd			
		356.0	357.0	1.0	41536	30			
		409.7	411.0	1.3	41537	nd			
		411.0	412.0	1.0	41538	nd			

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
370				352-382.8m: (cont'd): dk. greenish-grey sandstone with light brownish grey (5R 6/1) to pale red (10R 6/2) dolomitic carbonate(?) alteration. + sericite.							
380											
390				382.8 - 404.5m: Mottled greenish black (5G 2/1) volcanic sst; mottled pale red (10R 6/2) to moderate reddish orange (10R 6/6) Dolomite veins @ ~45° appear to post-date the reddish alt'n here							
400											
410		J, H, M		404.5 - 409.6 m: Dusky red (5R 3/4) to blackish red (5R 2/2) jasper + hematite + magnetite. → Post dated by a fine, net-breccia vein system of milky chalcedony; → in turn, post-dated by pyritiferous dolomite veins and breccia; → in turn, cross-cut by barren dolomite; → cross cut again by dolomite + chlorite							
420											
430				409.6 - 445.0m: Intense, pervasive silicification and sericitization of sandstone, pebbly sst, and paraconglomerate. Light brownish grey (5YR 6/1) to light grey (N7) and mottled with 2-5mm (x) flecks of dusky blue green (5B 3/2) chlorite as a retrograde mineral along fractures and also as disseminated knots. Core-bedding angle ~40°							
440											
450											


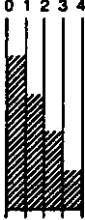
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM (m)	TO (m)	WIDTH (m)		AU PPb	AU o/t		
		412.0	413.0	1.0	41539	nd			
		413.0	414.0	1.0	41540	270			
		414.0	415.0	1.0	41541	1600	.036		
		415.0	416.0	1.0	41542	930			
		416.0	417.0	1.0	41543	1050	.029		
		417.0	418.0	1.0	41544	760			
		418.0	419.0	1.0	41545	550			
		419.0	420.0	1.0	41546	690			
		420.0	421.0	1.0	41547	520			
		421.0	422.0	1.0	41548	170			
		422.0	423.0	1.0	41549	20			
		423.0	424.0	1.0	41550	150			
		424.0	425.0	1.0	41551	20			
		425.0	426.0	1.0	41552	110			
		426.0	427.0	1.0	41553	100			
		427.0	428.0	1.0	41554	nd			
		428.0	429.0	1.0	41555	nd			
		429.0	430.0	1.0	41556	nd			
		430.0	431.0	1.0	41557	nd			
		431.0	432.0	1.0	41558	nd			
		432.0	433.0	1.0	41559	nd			
		433.0	434.0	1.0	41560	nd			
		434.0	435.0	1.0	41561	50			
		435.0	436.0	1.0	41562	20			
		436.0	437.0	1.0	41563	nd			
		437.0	438.0	1.0	41564	nd			
		438.0	439.0	1.0	41565	nd			
		439.0	440.0	1.0	41566	680			
		440.0	441.0	1.0	41567	nd			
		441.0	442.0	1.0	41568	nd			
		442.0	443.0	1.0	41569	nd			
		443.0	444.0	1.0	41570	nd			
		444.0	445.0	1.0	41571	nd			
		445.0	446.0	1.0	41572	nd			
		446.0	447.0	1.0	41573	nd			
		448.2	449.0	0.8	41574	nd			
		449.0	450.0	1.0	41575	nd			
		450.0	451.0	1.0	41576	nd			
		451.0	452.0	1.0	41577	30			
		452.0	453.0	1.0	41578	nd			
		453.0	454.0	1.0	41579	nd			
		454.0	455.0	1.0	41580	nd			
		455.0	456.0	1.0	41581	60			
		456.0	457.0	1.0	41582	nd			
		457.0	458.0	1.0	41583	nd			

1-3% pyrite.

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	AU PPB	ASSAYS		
		FROM (m)	TO (m)	WIDTH (m)					
<i>Disseminated pyrite</i>		458.0	459.0	1.0	41584	20			
		459.0	460.0	1.0	41585	nd			
		460.0	461.0	1.0	41586	nd			
		461.0	462.0	1.0	41587	nd			
		462.0	463.0	1.0	41588	nd			
		463.0	464.0	1.0	41589	nd			
		464.0	465.0	1.0	41590	20			
		465.0	466.0	1.0	41591	20			
		466.0	467.0	1.0	41592	30			
		467.0	468.0	1.0	41593	nd			
		468.0	469.0	1.0	41594	nd			
		469.0	470.0	1.0	41595	90			
		470.0	471.0	1.0	41596	nd			
		471.0	472.0	1.0	41597	30			
		472.0	473.0	1.0	41598	490			
		473.0	474.0	1.0	41599	20			
		474.0	475.0	1.0	41600	nd			
		475.0	476.0	1.0	41601	nd			
		476.0	477.0	1.0	41602	nd			
		477.0	478.0	1.0	41603	30			
	478.0	479.0	1.0	41604	80				
	479.0	480.0	1.0	41605	nd				
	480.0	481.0	1.0	41606	50				
	481.0	482.0	1.0	41607	nd				
	482.0	483.0	1.0	41608	nd				
	483.0	484.0	1.0	41609	nd				
		383.0	384.0	1.0	41610	nd			
		384.0	385.0	1.0	41611	30			
		385.0	386.0	1.0	41612	10			
		386.0	387.0	1.0	41613	110			
		387.0	388.0	1.0	41614	70			
		388.0	389.0	1.0	41615	200			
		401.7	403.0	1.3	41616	40			
		403.0	404.0	1.0	41617	nd			
		404.0	404.5	0.5	41618	450			

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT JAZZMAN (GAB 9)	GROUND ELEV. 1254 m								
HOLE NO. J-90-5	BEARING -								
LOCATION approx 46150E 50+50E	DIP -90								
	TOTAL LENGTH 484.0m								
LOGGED BY A. MONTGOMERY	HORIZONTAL PROJECT -								
DATE Oct 06 '90	VERTICAL PROJECT 484.0m								
CONTRACTOR FALCON DRILLING	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense 								
CORE SIZE BQ									
DATE STARTED Aug 19 '90	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10% 								
DATE COMPLETED Aug 21 '90									
DIP TESTS <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">300'</td> <td style="width: 25%;">600'</td> <td style="width: 25%;">900'</td> <td style="width: 25%;">1200'</td> </tr> <tr> <td>90°</td> <td>90°</td> <td>90°</td> <td>90°</td> </tr> </table>	300'	600'	900'	1200'	90°	90°	90°	90°	
300'	600'	900'	1200'						
90°	90°	90°	90°						
COMMENTS <p>added detail from 401.7m to 481.0m, original log by M. Gerasimoff.</p>	LEGEND								

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
					A	B	C	D	E		
				401.7 - 401.5 VOLCANIC SANDSTONE dull green with tan cast, v.f. grained with faint banding, may = bedding 45° tea, moderate sericite - chlorite - dolomite/calcite altered gives rock a mottled appearance, weak dolomite/calcite veinlets commonly 20-25° tea.							
				401.5 - 409.0 RED JASPER blackish-red aphanitic, massive, intense fine fracturing with milky-white chancelonic quartz + flooding gives a fine breccia texture to jasper; later dolomite veinlets cross-cut quartz; jasper grades to impure jasper → siliceous volcanic sandstone in place;							
				409.0 - 429.3 SILICIFIED VOLCANIC SANDSTONE dull light grey with reddish-brown & green hues, fine grained to aphanitic, faintly banded (40-50° tea) to massive, intensely pervasively quartz-sericite - (carbonate) altered ± later fracture controlled chlorite-calcite							
				409.0 - 426.0: light tan dolomite veinlets/stringers common 421.7 - 426.5: irregular chlorite-calcite seams/fractures give crackle-breccia texture.							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
401.7-404.5; <1% pyritic f. grained, disseminated plus minor stringers with carbonate veining nb. 7% pyrite as patches, bands, stringers with silicification from 404.15 to 409.5.									
404.5-409.0: <1% as fine to coarse patchy disseminations associated with carbonate veining									
409.0-429.3: overall <1%-3% pyritic as stringers/bands/ patches/disseminations									
subdivisions:									
410.1-410.3: 2% fracture controlled spec. hematite									
409.0-417.1: 1-2% fine to med. grained stringer/ disseminated pyrite with post carbonate veining									
417.1-420.5: slight increase in pyrite 2%- 3%; bands 30-50' ca.									
420.5-429.3: ~1% pyritic; @426.1 2m wide semi-massive slug of pyritic banding.									

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH					
429.3-464.3: 1% disseminated stringer, patchy pyrite									
447.0-448.0: 3% pyrite with best as v.f. examined wispy pyrite at 447.1.									
464.5-470.9: minor to 1% disseminated stringer with fine to medium crystalline pyrite.									
472.7-473.0: 1% pyrite as above + small 15° frac.									

APPENDIX V

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

VGC 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.

March 19, 1991

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

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

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

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.
- (b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.
- (c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for subsequent analyses.

2. Method of Extraction

- (a) 20.0 to 30.0 grams of the pulp samples were used. Samples were weighed out using a top-loading balance and deposited into individual fusion pots.
- (b) A flux of litharge, soda ash, silica, borax, and, either flour or potassium nitrite is added. The samples are then fused at 1900 degrees Fahrenheit to form a lead "button".



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

-2-

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

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

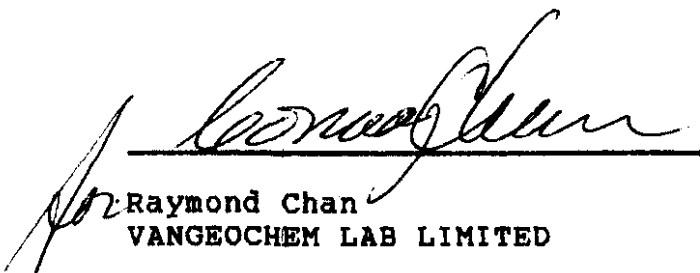
3. Method of Detection

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

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

4. Analysts

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



Raymond Chan
VANGEOCHEM LAB LIMITED

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.

-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

APPENDIX VI

ASSAY CERTIFICATES

ASSAY ANALYTICAL REPORT
=====

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

DATE: AUG 07 1990

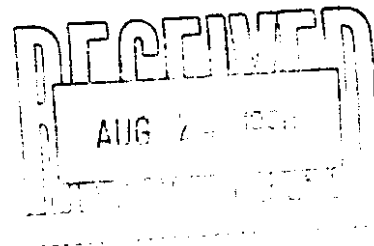
REPORT#: 900169 AA
JOB#: 900169

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 03 1990
REPORT COMPLETED: AUG 07 1990
ANALYSED FOR: Au 1A.T.

INVOICE#: 900169 NA
TOTAL SAMPLES: 44
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 44 DRILL CORE

SAMPLES FROM: MR. DONALD PENNER
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. DONALD PENNER



ANALYSED BY: Raymond Chan

SIGNED:

Raymond Chan

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER.

REPORT NUMBER: 900169 AA

JOB NUMBER: 900169

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 3

SAMPLE #	Au oz/st
41001	<.002
41002	<.002
41003	<.002
41004	<.002
41005	<.002
41006	<.002
41007	<.002
41008	<.002
41009	<.002
41010	<.002
41011	<.002
41012	<.002
41013	<.002
41014	<.002
41015	<.002
41016	<.002
41017	<.002
41018	<.002
41019	<.002
41020	<.002

DETECTION LIMIT

.002

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

[Handwritten Signature]

REPORT NUMBER: 900169 AA

JOB NUMBER: 900169

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 3

SAMPLE #	Au oz/st
41063	<.002
41064	<.002
41065	<.002
41066	<.002
41067	<.002
41068	<.002
41069	<.002
41070	<.002
41071	.002
41072	.002
41073	<.002
41074	<.002
41075	<.002
41076	<.002
41077	.004
41078	.005
41079	.006
41080	.005
41081	.003
41082	.006

DETECTION LIMIT

.002

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

Raymond

REPORT NUMBER: 900169 AA

JOB NUMBER: 900169

PANICON DEVELOPMENTS LTD.

PAGE 3 OF 3

SAMPLE #	Au oz/st
41083	.007
41084	.005
41085	.005
41086	<.002

DETECTION LIMIT

.002

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

Raymond Lee

ASSAY ANALYTICAL REPORT
=====

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

DATE: AUG 08 1990

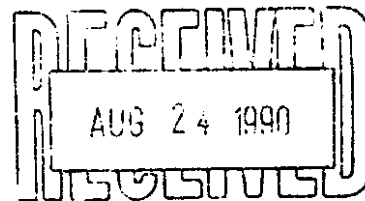
REPORT#: 900169 MA
JOB#: 900169

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 03 1990
REPORT COMPLETED: AUG 08 1990
ANALYSED FOR: Metallic Au

INVOICE#: 900169 NA
TOTAL SAMPLES: 2
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 2 DRILL CORE

SAMPLES FROM: MR. DONALD PENNER
COPY SENT TO: PAMICON DEVELOPMENTS LTD.

PREPARED FOR: MR. DONALD PENNER



ANALYSED BY: Raymond Chan

SIGNED: *Raymond Chan*

Registered Provincial Assayer

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

REPORT #: 900169 MA

FAMICON DEVELOPMENTS LTD.

Page 1 of 1

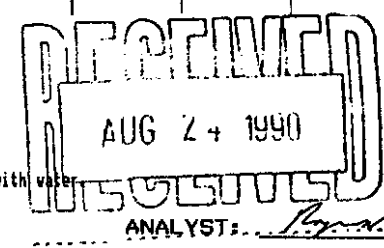
Sample Number	Weight (gm)	Au (mg)	Au (oz/st)
41078 +140	11.20	.006	---
41078 -140	325.80	.112	.010
41078 TOTAL	337.00	.118	.010
41079 +140	11.60	.007	---
41079 -140	328.70	.135	.012
41079 TOTAL	340.30	.142	.012

Minimum Detection 0.01 0.001 0.005
 Maximum Detection 10000.00 1000.000 1000.000
 < = Below Limit is = Insufficient Sample ns = No sample > = Over Limit

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.



REPORT #: 900169 PA PANICON DEVELOPMENTS LTD. PROJECT: JAZZMAN DATE IN: AUG 03 1990 DATE OUT: AUG 22 1990 ATTENTION: MR. STEVE TODDRUK PAGE 1 OF 2

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
41001	0.3	2.19	<3	77	<3	9.61	7.8	16	25	27	4.79	0.04	2.25	1771	14	0.07	19	0.09	42	<2	11	137	<5	<3	55
41002	0.2	3.85	<3	178	<3	2.21	9.6	25	33	35	6.11	0.09	2.57	969	12	0.10	34	0.09	69	44	15	78	<5	<3	92
41003	0.3	3.57	<3	378	<3	2.99	6.4	22	23	69	5.68	0.05	2.35	1093	11	0.10	27	0.13	58	20	12	109	<5	<3	85
41004	<0.1	3.90	<3	69	<3	3.31	7.2	24	22	29	5.63	0.04	2.71	1326	10	0.12	25	0.10	51	<2	14	81	<5	<3	99
41005	0.4	1.50	<3	12	<3	2.68	4.3	12	20	50	2.54	0.09	1.07	748	9	0.03	17	0.12	21	<2	10	70	<5	<3	31
41006	0.7	1.09	<3	21	<3	4.73	4.5	24	22	132	2.67	0.07	1.16	1043	8	0.03	20	0.12	48	<2	8	86	<5	<3	23
41007	0.3	1.86	<3	21	<3	7.18	6.6	23	16	77	4.28	0.06	1.35	1222	10	0.05	24	0.11	55	<2	9	130	<5	<3	34
41008	0.2	2.51	<3	13	<3	7.10	7.7	14	20	46	4.95	0.08	1.86	1466	13	0.07	22	0.11	38	<2	9	130	<5	<3	56
41009	0.2	1.24	<3	54	<3	6.35	7.8	16	23	138	4.67	0.12	2.31	2064	13	0.06	25	0.10	55	<2	10	87	<5	<3	34
41010	0.4	0.12	<3	87	<3	>10.00	12.4	7	24	50	7.99	<0.01	5.75	4638	15	0.16	22	0.04	43	<2	14	103	<5	83	24
41011	<0.1	0.53	<3	15	<3	4.70	6.6	18	52	91	2.16	0.14	1.07	1087	13	<0.01	25	0.32	58	<2	9	77	<5	16	17
41012	0.1	0.34	<3	14	<3	9.82	9.3	9	47	27	4.70	<0.01	3.39	2397	12	0.10	18	0.13	33	<2	13	62	<5	37	27
41013	<0.1	0.35	<3	13	<3	1.97	4.1	18	49	41	1.50	0.10	0.69	475	9	<0.01	20	0.05	48	<2	10	40	<5	<3	8
41014	<0.1	0.46	<3	18	<3	2.69	3.8	12	54	90	1.73	0.08	0.90	573	7	0.02	17	0.06	46	<2	10	48	<5	4	11
41015	<0.1	0.50	<3	15	<3	2.01	1.2	14	61	33	1.54	0.07	0.58	394	8	0.01	25	0.22	35	<2	8	36	<5	<3	11
41016	<0.1	0.48	38	18	<3	2.30	2.9	13	92	31	1.45	0.09	0.74	494	7	0.01	23	0.15	58	<2	8	37	<5	17	22
41017	0.3	0.34	<3	12	<3	>10.00	10.1	3	29	42	7.51	<0.01	5.30	3321	13	0.17	20	0.13	28	<2	11	79	<5	49	19
41018	0.3	0.44	<3	13	<3	3.72	5.8	22	53	171	2.12	0.14	1.15	867	14	<0.01	24	0.24	48	<2	6	51	<5	<3	14
41019	0.3	0.14	<3	7	<3	9.67	8.8	17	110	70	4.18	0.05	2.88	2266	12	0.07	38	0.08	45	<2	8	71	<5	47	25
41020	0.8	0.08	<3	5	<3	>10.00	3.3	4	9	36	1.14	<0.01	0.81	1593	8	0.02	13	0.03	56	<2	3	196	<5	44	16
41063	0.1	1.73	15	12	<3	3.67	6.9	18	14	99	4.69	0.07	1.89	1076	10	0.06	27	0.10	63	<2	9	55	<5	<3	25
41064	<0.1	2.19	<3	8	<3	3.09	7.0	6	16	76	4.58	0.05	2.16	1054	8	0.07	19	0.07	37	<2	10	45	<5	<3	32
41065	0.3	3.00	<3	9	<3	3.01	8.6	16	58	119	6.45	0.03	2.71	1151	9	0.11	41	0.15	54	<2	12	39	<5	<3	51
41066	0.2	0.69	<3	15	<3	6.81	8.4	11	12	118	4.38	0.05	2.36	1556	9	0.07	18	0.05	39	<2	9	61	<5	14	17
41067	0.1	0.63	<3	12	<3	5.41	6.8	11	11	42	3.46	0.09	1.72	1264	12	0.04	21	0.12	34	<2	6	66	<5	<3	10
41068	0.5	0.73	16	15	<3	6.19	7.0	24	14	219	3.96	0.12	2.01	1623	11	0.04	25	0.07	69	7	7	86	<5	17	18
41069	0.2	1.36	36	18	<3	6.29	8.2	14	11	100	4.84	0.13	2.31	1989	14	0.06	28	0.13	71	13	8	72	<5	<3	39
41070	0.1	1.00	8	21	<3	6.05	8.4	20	16	80	4.51	0.14	2.03	1587	12	0.04	30	0.12	74	23	7	68	<5	<3	19
41071	0.3	0.91	32	21	<3	6.42	7.7	16	12	531	4.56	0.13	2.09	1575	11	0.04	34	0.09	76	27	7	78	<5	19	17
41072	0.4	0.69	<3	19	<3	6.60	9.2	16	12	611	4.51	0.13	2.04	1691	12	0.04	25	0.12	56	<2	10	81	<5	<3	18
41073	0.1	0.60	<3	18	<3	4.58	4.7	18	8	202	3.63	0.08	1.43	1050	7	0.04	22	0.10	49	<2	9	69	<5	4	18
41074	0.1	0.71	<3	20	<3	4.34	6.9	10	7	43	3.39	0.08	1.41	1126	6	0.03	13	0.07	27	<2	8	54	<5	<3	11
41075	<0.1	1.14	<3	18	<3	4.65	5.0	5	8	17	4.07	0.08	1.68	1322	7	0.05	19	0.07	30	<2	7	56	<5	<3	18
41076	0.3	1.48	16	19	<3	6.08	9.1	25	15	60	6.20	0.07	2.17	1663	9	0.08	47	0.11	72	27	7	74	<5	<3	31
41077	0.5	1.88	31	47	<3	5.16	9.5	18	12	224	6.89	0.11	1.98	1417	11	0.08	50	0.10	74	46	7	71	<5	<3	39
41078	2.0	0.27	277	12	<3	3.87	16.1	60	75	1330	>10.00	0.11	1.35	1095	40	0.12	50	0.02	87	65	11	32	<5	51	24
41079	1.1	0.40	213	18	<3	2.63	11.7	35	103	501	8.84	0.16	0.93	746	18	0.06	59	0.03	80	39	9	28	<5	36	20
41080	0.3	0.54	58	26	<3	1.69	7.3	21	39	106	2.80	0.22	0.45	386	16	<0.01	34	0.25	99	53	8	26	<5	20	18
41081	0.3	0.34	82	19	<3	2.78	6.7	28	103	115	3.88	0.17	0.82	762	15	<0.01	43	0.20	93	49	8	26	<5	33	13

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, 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: *Rogers*

REPORT #: 900169 PA PANICON DEVELOPMENTS LTD. PROJECT: JAZZMAN DATE IN: AUG 03 1990 DATE OUT: AUG 22 1990 ATTENTION: MR. STEVE TODDROK PAGE 2 OF 2

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
41082	0.2	0.37	<3	22	<3	2.18	0.2	<1	45	137	2.98	0.02	0.68	734	13	0.02	16	0.09	<2	<2	8	23	<5	14	9
41083	0.7	0.42	24	12	<3	1.74	<0.1	24	38	183	6.40	<0.01	0.57	560	4	0.04	20	0.03	<2	<2	9	21	<5	19	6
41084	0.3	0.87	<3	28	<3	1.69	0.3	<1	119	29	3.47	<0.01	0.69	592	9	0.02	14	0.04	<2	<2	7	17	<5	35	21
41085	0.3	0.91	181	25	38	1.58	1.2	25	89	116	4.71	<0.01	0.68	660	4	0.03	28	0.04	62	26	9	20	7	17	21
41086	0.1	0.56	<3	22	<3	1.01	<0.1	<1	53	41	1.54	<0.01	0.36	361	4	0.01	5	0.03	<2	<2	3	14	<5	18	11

Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

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

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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

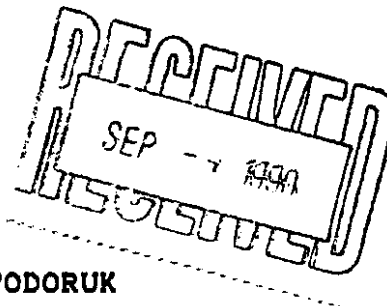
DATE: AUG 16 1990

REPORT#: 900239 GA
JOB#: 900239

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 14 1990
REPORT COMPLETED: AUG 16 1990
ANALYSED FOR: Au (FA/AAS) AVE. ICP

INVOICE#: 900239 NA
TOTAL SAMPLES: 9
SAMPLE TYPE: 9 CORE
REJECTS: SAVED

SAMPLES FROM: MR. DONALD PENNER
COPY SENT TO: PAMICON DEVELOPMENTS LTD.



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____
Raymond Lee

GENERAL REMARK: RESULTS FAXED TO MR. DONALD PENNER.

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VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 900239 GA JOB NUMBER: 900239 PANICON DEVELOPMENTS LTD. PAGE 1 OF 1

SAMPLE #	Au	
	ppb	
41301	nd	nd
41302	10	10
41303	20	20
41304	nd	nd
41305	nd	nd
41306	nd	10
41307	nd	10
41308	nd	10
41309	650	750

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

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

REPORT #: 900239 PA PANICON DEVELOPMENTS LTD. PROJECT: JAZZHAN DATE IN: AUG 14 1990 DATE OUT: AUG 28 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
41301	1.0	0.21	<3	18	104	>10.00	1.3	18	27	28	5.65	<0.01	4.17	3570	19	0.06	24	<0.01	88	4	14	86	<5	75	19
41302	0.4	0.54	<3	38	75	5.65	3.7	21	19	71	3.49	<0.01	1.91	1723	15	0.03	<1	0.03	29	<2	13	85	<5	<3	16
41303	1.3	0.96	<3	33	<3	9.78	1.9	8	30	265	5.70	<0.01	3.12	3207	18	0.05	<1	0.11	<2	<2	11	150	6	<3	41
41304	0.3	1.58	25	52	50	6.26	3.1	43	24	135	4.58	<0.01	2.40	1783	18	0.04	9	0.06	174	127	7	109	<5	<3	35
41305	0.3	1.79	<3	71	19	5.66	2.0	28	26	7	4.89	<0.01	2.54	1454	17	0.04	<1	0.10	27	<2	9	92	<5	<3	36
41306	0.1	2.23	<3	62	<3	3.54	3.3	18	21	<1	4.44	<0.01	2.20	1100	17	0.04	<1	0.13	<2	<2	13	79	<5	<3	43
41307	0.2	1.32	<3	54	<3	6.09	0.2	<1	29	<1	3.93	<0.01	2.05	1605	13	0.03	<1	0.08	<2	<2	8	121	<5	<3	25
41308	0.2	2.90	<3	53	<3	4.32	0.6	29	27	<1	5.49	<0.01	2.59	1361	20	0.05	<1	0.07	29	<2	6	88	<5	<3	58
41309	1.7	3.94	<3	22	<3	8.40	1.6	29	64	7069	>10.00	<0.01	2.76	3532	29	0.11	<1	0.06	<2	<2	17	157	<5	<3	92
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 14 1991
 LITSUBSUTS

IMPRIVE AU CANADA

GEOCHEMICAL ANALYTICAL REPORT
=====

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

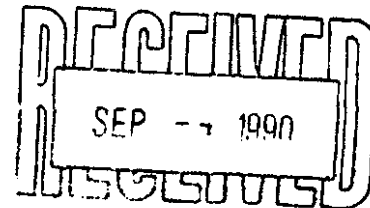
DATE: AUG 15 1990

REPORT#: 900219 GA
JOB#: 900219

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 10 1990
REPORT COMPLETED: AUG 15 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900219 NA
TOTAL SAMPLES: 2
SAMPLE TYPE: 2 CORE
REJECTS: SAVED

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

Raymond G.

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

REPORT NUMBER: 900219 GA

JOB NUMBER: 900219

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #

Au

ppb

41221

80

41222

100

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANGUARD CHEM 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: Raymond

REPORT #: 900219 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 10 1990

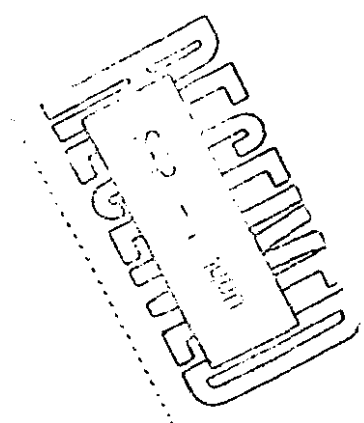
DATE OUT: AUG 29 1990

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
41221	0.9	0.07	10	13	<3	>10.00	4.1	31	28	1692	>10.00	<0.01	6.69	6583	37	<0.01	24	0.04	89	<2	16	123	7	<3	151
41222	1.2	0.09	8	13	<3	>10.00	0.9	40	47	629	8.32	<0.01	5.73	4729	25	<0.01	26	0.05	50	<2	15	107	5	<3	56
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
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(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1088 TRIUMPH ST.~~
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● (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

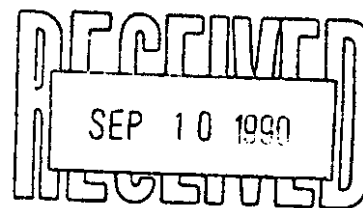
DATE: AUG 22 1990

REPORT#: 900245 GA
JOB#: 900245

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 15 1990
REPORT COMPLETED: AUG 22 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900245 NA
TOTAL SAMPLES: 62
SAMPLE TYPE: 62 CORE
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.

1630 PANDORA STREET
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(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

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BRANCH OFFICES
PASADENA, NFLD.
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RENO, NEVADA, U.S.A.

REPORT NUMBER: 900245 GA JOB NUMBER: 900245 PANICON DEVELOPMENTS LTD. PAGE 1 OF 2

SAMPLE #	Au ppb
41021	70
41022	10
41023	20
41024	10
41025	10
41026	30
41027	nd
41028	nd
41029	nd
41030	nd
41031	nd
41032	nd
41033	20
41034	10
41035	20
41036	10
41037	50
41038	10
41039	10
41040	nd
41041	10
41042	20
41043	20
41044	10
41045	30
41046	20
41047	20
41048	60
41049	40
41050	40
41051	30
41052	20
41053	70
41054	20
41055	50
41056	30
41057	40
41058	30
41059	30

DETECTION LIMIT 5
nd = none detected -- = 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
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RENO, NEVADA, U.S.A.

REPORT NUMBER: 900245 GA

JOB NUMBER: 900245

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 2

SAMPLE #	Au
	ppb
41060	20
41061	20
41062	20
41087	20
41088	250
41089	130
41090	740
41091	180
41092	50
41093	20
41094	620
41095	60
41096	30
41097	50
41098	50
41099	50
41100	30
41101	30
41102	800
41103	120
41104	370
41105	620
41106	400

DETECTION LIMIT

5

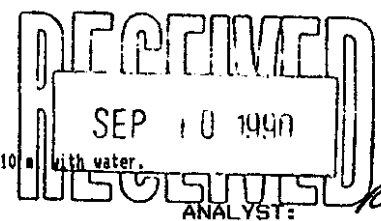
nd = none detected

-- = not analysed

is = insufficient sample

VANCOUVER 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.

REPORT #: 900245 PA PAMICON DEVELOPMENTS LTD. PROJECT: JAZZHAN DATE IN: AUG 15 1990 DATE OUT: SEPT 04 1990 ATTENTION: MR. STEVE TODORUK PAGE 1 OF 2

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
41021	31.0	0.49	213	12	<3	>10.00	3.7	9	23	332	1.91	<0.01	0.65	1122	14	<0.01	10	0.12	878	12	14	176	<5	7	1793
41022	6.0	0.19	64	5	<3	>10.00	0.4	5	17	50	0.75	<0.01	0.37	1108	15	<0.01	1	0.06	230	17	9	174	<5	<3	358
41023	1.8	0.07	9	26	<3	>10.00	<0.1	5	13	31	1.53	<0.01	0.98	1559	13	<0.01	8	0.01	106	8	11	179	<5	<3	145
41024	1.0	0.53	<3	27	<3	8.31	<0.1	8	62	44	1.83	<0.01	0.88	688	7	<0.01	14	0.14	57	<2	4	80	<5	<3	99
41025	0.1	0.99	<3	50	<3	6.14	0.3	8	34	48	2.52	<0.01	1.33	873	12	<0.01	23	0.04	25	<2	<2	78	6	13	43
41026	0.3	1.06	<3	38	<3	4.88	0.1	18	75	37	2.48	<0.01	1.06	608	12	<0.01	16	0.03	41	<2	3	126	<5	10	43
41027	0.2	1.33	<3	43	<3	1.73	0.9	21	64	17	2.29	0.50	0.98	375	15	<0.01	29	0.04	50	<2	7	41	<5	<3	43
41028	<0.1	1.82	<3	50	<3	1.86	0.8	12	38	14	2.91	0.07	1.24	523	12	<0.01	14	0.04	14	<2	10	44	13	<3	37
41029	<0.1	1.19	<3	39	<3	2.25	0.3	11	47	31	2.58	<0.01	1.00	495	11	<0.01	13	0.04	24	<2	<2	48	<5	<3	30
41030	<0.1	0.89	21	39	8	2.26	1.2	15	72	22	2.13	<0.01	0.81	590	12	<0.01	9	0.05	30	4	5	46	7	8	22
41031	<0.1	0.85	7	36	42	7.38	<0.1	11	51	21	1.72	<0.01	0.80	746	16	<0.01	6	0.16	34	11	5	108	<5	<3	34
41032	<0.1	0.71	3	13	<3	>10.00	<0.1	25	19	144	3.08	<0.01	0.79	1052	11	<0.01	9	0.02	39	<2	8	257	<5	8	22
41033	<0.1	2.21	<3	26	<3	9.14	0.6	17	34	13	4.06	<0.01	1.93	924	12	<0.01	11	0.06	13	<2	7	130	19	<3	38
41034	<0.1	2.58	<3	19	<3	3.98	<0.1	27	39	56	4.93	<0.01	2.18	969	16	<0.01	7	0.08	<2	<2	6	83	11	<3	49
41035	<0.1	1.75	<3	12	<3	2.97	0.6	32	29	43	4.03	<0.01	1.75	973	19	<0.01	7	0.09	34	<2	8	46	29	<3	41
41036	<0.1	1.49	<3	21	<3	3.03	0.5	20	27	40	3.15	<0.01	1.58	956	14	<0.01	13	0.09	19	<2	8	65	17	<3	36
41037	<0.1	1.56	22	26	<3	6.50	<0.1	27	26	95	4.82	<0.01	2.46	1823	12	<0.01	8	0.08	<2	<2	7	147	<5	<3	34
41038	<0.1	1.95	<3	24	<3	4.42	1.3	27	20	60	3.97	<0.01	2.00	1340	17	<0.01	5	0.09	10	<2	10	91	<5	<3	51
41039	<0.1	2.68	<3	13	<3	2.83	0.9	22	33	11	4.81	<0.01	2.49	1027	18	<0.01	16	0.09	28	<2	11	37	<5	<3	55
41040	<0.1	1.53	<3	12	35	2.97	2.2	17	30	24	3.18	<0.01	1.63	865	13	<0.01	7	0.09	24	7	12	41	7	<3	35
41041	<0.1	1.08	8	9	<3	3.45	2.3	12	24	28	2.53	<0.01	1.29	908	13	<0.01	<1	0.10	21	<2	4	51	13	<3	23
41042	<0.1	1.07	24	11	<3	3.03	0.3	24	20	112	2.89	<0.01	1.35	818	15	<0.01	11	0.08	34	15	6	33	40	<3	19
41043	<0.1	0.83	<3	21	<3	6.67	1.7	60	28	745	6.07	<0.01	2.23	2052	18	<0.01	15	0.06	36	11	15	70	<5	<3	21
41044	<0.1	1.63	<3	13	<3	4.22	1.1	20	25	30	3.77	<0.01	1.89	1235	12	<0.01	4	0.10	12	<2	5	61	<5	<3	31
41045	<0.1	1.51	<3	16	<3	4.32	<0.1	19	23	43	3.83	<0.01	1.89	1012	12	<0.01	5	0.09	24	<2	7	55	6	<3	26
41046	<0.1	1.13	<3	16	81	6.26	1.3	20	19	20	3.91	<0.01	2.32	1191	18	<0.01	9	0.10	31	11	9	86	44	<3	21
41047	<0.1	0.97	<3	13	<3	9.30	1.2	22	23	54	4.81	<0.01	3.17	1763	22	<0.01	10	0.08	29	<2	13	109	8	<3	22
41048	<0.1	1.23	<3	17	<3	6.57	0.7	27	22	22	4.54	<0.01	2.36	1276	17	<0.01	5	0.10	9	<2	10	103	<5	<3	18
41049	<0.1	1.27	241	15	49	4.77	2.4	25	15	94	4.79	<0.01	1.85	1141	15	<0.01	3	0.10	40	11	17	59	<5	<3	11
41050	<0.1	0.72	98	16	<3	7.44	1.7	17	20	38	4.35	<0.01	2.59	1492	18	<0.01	2	0.08	36	14	13	80	<5	10	14
41051	<0.1	1.10	11	18	<3	5.13	1.1	24	34	93	4.14	<0.01	1.80	1047	17	<0.01	14	0.11	26	<2	9	79	<5	<3	18
41052	<0.1	0.95	<3	220	<3	4.82	<0.1	15	24	39	3.67	<0.01	1.58	1056	13	<0.01	9	0.09	22	<2	7	82	<5	<3	20
41053	<0.1	2.19	<3	40	<3	4.14	1.2	38	20	55	5.34	<0.01	2.03	1163	18	<0.01	15	0.09	5	<2	8	57	<5	<3	41
41054	<0.1	2.19	<3	22	<3	3.03	1.1	18	30	33	4.57	<0.01	1.99	894	20	<0.01	<1	0.10	8	<2	10	44	10	<3	39
41055	<0.1	1.33	<3	22	<3	3.82	2.1	44	34	36	4.92	<0.01	1.71	1064	22	<0.01	12	0.11	32	16	13	55	20	<3	21
41056	<0.1	0.48	6	14	<3	5.12	<0.1	10	19	31	2.78	<0.01	1.72	1311	8	<0.01	<1	0.09	16	<2	7	65	6	<3	6
41057	<0.1	0.41	<3	61	<3	>10.00	2.2	14	17	154	6.33	<0.01	3.90	3108	16	<0.01	3	0.05	42	9	10	131	<5	<3	15
41058	<0.1	1.68	<3	12	<3	4.73	1.7	12	17	37	4.72	<0.01	2.10	1084	15	<0.01	6	0.07	24	<2	7	88	12	<3	18
41059	<0.1	1.82	<3	7	<3	2.59	<0.1	15	22	50	4.28	<0.01	1.61	750	19	<0.01	9	0.09	27	8	13	41	<5	<3	21

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.

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: *[Signature]*

REPORT #: 900245 PA PANICON DEVELOPMENTS LTD. PROJECT: JAZZMAN DATE IN: AUG 15 1990 DATE OUT: SEPT 04 1990 ATTENTION: MR. STEVE TOORUK PAGE 2 OF 2

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	
41060	<0.1	2.12	<3	11	<3	3.57	3.8	24	44	94	6.15	<0.01	2.71	1270	38	<0.01	48	0.06	86	<2	20	67	7	<3	39	
41061	<0.1	2.23	<3	10	19	2.95	3.7	38	43	62	6.22	<0.01	2.78	1293	36	<0.01	32	0.06	97	<2	22	50	6	<3	48	
41062	<0.1	2.48	<3	12	<3	3.54	4.6	33	46	56	6.12	<0.01	2.69	1361	33	<0.01	41	0.06	70	<2	20	58	<5	<3	49	
41087	<0.1	0.74	31	121	<3	2.38	2.4	18	57	135	2.37	<0.01	0.70	761	25	<0.01	57	0.05	68	5	15	44	<5	<3	20	
41088	0.2	0.82	49	14	93	1.91	2.2	30	53	48	6.17	0.05	0.72	655	37	<0.01	61	0.04	81	10	19	33	<5	<3	23	
41089	0.2	0.76	57	26	<3	1.88	5.7	31	90	268	4.47	0.54	0.71	659	36	<0.01	62	0.04	97	21	18	26	<5	<3	17	
41090	0.2	1.06	107	28	31	1.54	5.2	24	77	359	4.47	0.46	0.56	441	50	<0.01	108	0.05	102	21	16	31	5	<3	26	
41091	0.1	0.67	106	17	<3	0.86	1.9	30	71	241	5.34	0.27	0.38	262	47	<0.01	125	0.02	78	<2	13	15	<5	<3	16	
41092	0.2	0.32	100	17	<3	1.99	2.3	31	69	175	3.65	<0.01	0.67	614	59	<0.01	117	0.03	84	9	20	26	<5	<3	9	
41093	<0.1	0.23	62	13	<3	1.54	3.4	18	95	210	1.35	0.58	0.49	521	48	<0.01	62	0.08	95	23	22	16	<5	<3	11	
41094	<0.1	0.31	80	15	<3	2.07	1.0	24	132	90	2.72	0.35	0.62	475	45	<0.01	64	0.22	94	22	20	18	<5	<3	14	
41095	<0.1	0.28	180	16	<3	1.75	2.9	23	115	135	3.49	<0.01	0.60	452	26	<0.01	53	0.04	75	4	11	16	<5	<3	7	
41096	<0.1	0.38	59	21	<3	1.67	2.5	23	78	191	2.48	0.14	0.44	373	35	<0.01	77	0.21	71	9	9	19	5	<3	6	
41097	<0.1	0.29	90	19	<3	1.38	4.0	30	71	236	3.83	0.38	0.40	340	39	<0.01	102	0.14	95	12	8	16	<5	<3	4	
41098	<0.1	0.25	51	16	<3	1.74	4.9	39	59	55	3.53	0.51	0.64	513	48	<0.01	59	0.04	101	30	17	18	<5	<3	5	
41099	<0.1	0.35	<3	19	<3	1.69	4.8	36	112	13	4.58	0.27	0.64	544	34	<0.01	63	0.04	87	11	5	19	6	<3	5	
41100	<0.1	0.24	18	14	<3	1.47	3.7	26	92	3	2.69	0.24	0.46	334	28	<0.01	72	0.15	65	10	7	16	<5	<3	2	
41101	0.1	0.24	17	16	<3	1.22	5.5	37	65	6	5.85	0.50	0.44	362	46	<0.01	77	0.02	86	12	13	15	<5	<3	3	
41102	<0.1	0.31	38	19	<3	1.52	1.7	33	76	2	3.04	0.54	0.36	332	29	<0.01	51	0.25	83	25	<2	19	<5	<3	5	
41103	<0.1	0.27	15	16	<3	1.34	0.3	33	113	1	2.62	0.40	0.46	388	26	<0.01	55	0.05	58	10	14	14	5	<3	<1	
41104	<0.1	0.41	67	16	<3	1.83	0.7	38	101	9	3.34	0.14	0.65	491	23	<0.01	64	0.04	68	8	11	22	<5	<3	7	
41105	<0.1	0.71	<3	20	<3	>10.00	2.5	21	47	11	2.02	<0.01	1.00	736	20	<0.01	19	0.12	65	10	3	126	<5	<3	12	
41106	<0.1	0.22	<3	16	<3	2.34	2.2	37	58	3	4.09	<0.01	0.83	629	29	<0.01	56	0.05	53	11	6	20	<5	<3	2	
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
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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

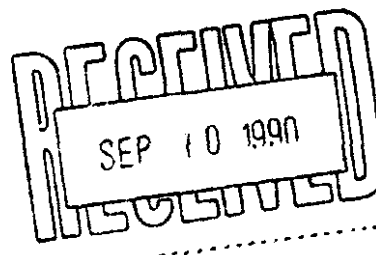
DATE: AUG 22 1990

REPORT#: 900252 GA
JOB#: 900252

PROJECT#: JAZZMAN N.
SAMPLES ARRIVED: AUG 17 1990
REPORT COMPLETED: AUG 22 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900252 NA
TOTAL SAMPLES: 70
SAMPLE TYPE: 70 CORE
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.

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

REPORT NUMBER: 900252 GA

JOB NUMBER: 900252

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 2

SAMPLE #	Au ppb
41151	30
41152	nd
41153	nd
41154	nd
41155	nd
41156	nd
41157	20
41158	nd
41159	nd
41160	nd
41161	10
41162	nd
41163	nd
41164	nd
41165	20
41166	nd
41167	10
41168	nd
41169	nd
41170	nd
41171	nd
41172	nd
41173	nd
41174	nd
41175	nd
41176	nd
41177	nd
41178	nd
41179	nd
41180	nd
41181	nd
41182	nd
41183	nd
41184	nd
41185	nd
41186	nd
41187	nd
41188	nd
41189	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

1680 HANCOCK STREET
VANCOUVER, B.C. V6L 1K6
(604) 251-5555

VGC VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 900252 GA JOB NUMBER: 900252 PANICON DEVELOPMENTS LTD. PAGE 2 OF 2

SAMPLE #	Au
41190	20
41191	20
41192	20
41193	nd
41194	20
41195	10
41196	10
41197	10
41198	10
41199	nd
41200	nd
41201	nd
41202	nd
41203	10
41204	20
41205	nd
41206	nd
41207	nd
41208	nd
41209	nd
41210	nd
41211	nd
41212	10
41213	10
41214	10
41215	nd
41216	nd
41217	nd
41218	nd
41219	nd
41220	nd

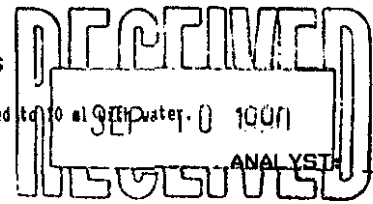
DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VANCOUVER 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.



REPORT #: 900252 PA PANICON DEVELOPMENTS LTD. PROJECT: JAZZMAN N. DATE IN: AUG 17 1990 DATE OUT: SEPT 04 1990 ATTENTION: MR. STEVE TODORUK PAGE 1 OF 2

IMPRIME AU CANADA

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
41151	0.5	0.42	45	42	<3	5.75	1.9	23	19	153	3.81	<0.01	2.17	1669	7	<0.01	<1	0.10	13	<2	5	89	<5	<3	25
41152	0.3	0.86	<3	32	<3	5.28	5.6	22	22	192	4.05	<0.01	2.38	1471	12	<0.01	15	0.08	<2	<2	6	86	<5	<3	99
41153	0.3	3.24	<3	17	<3	4.21	4.2	43	45	93	7.48	<0.01	3.97	1829	28	<0.01	7	0.09	28	<2	17	74	<5	<3	88
41154	0.4	3.50	<3	19	<3	4.22	4.5	47	49	135	7.97	<0.01	4.24	1749	18	<0.01	31	0.08	16	<2	14	94	<5	<3	85
41155	0.4	2.23	<3	18	<3	3.86	4.3	26	29	63	5.70	<0.01	2.68	1349	12	<0.01	11	0.09	7	<2	10	67	<5	<3	44
41156	0.5	2.51	<3	16	26	3.32	1.4	30	26	310	5.66	<0.01	2.95	1297	17	<0.01	<1	0.09	<2	<2	14	60	<5	<3	56
41157	0.2	1.33	<3	16	<3	3.54	0.7	29	26	98	4.28	<0.01	2.01	1116	14	<0.01	<1	0.09	19	<2	13	61	<5	<3	31
41158	0.3	1.24	<3	26	<3	3.48	4.6	25	32	150	3.94	<0.01	1.77	1009	14	<0.01	<1	0.11	33	<2	10	63	<5	<3	28
41159	0.2	0.43	30	40	<3	3.57	<0.1	14	23	87	2.39	<0.01	1.30	895	15	<0.01	<1	0.10	9	<2	6	58	<5	<3	10
41160	0.2	0.54	23	71	57	4.00	0.5	9	30	44	3.19	<0.01	1.41	1291	15	<0.01	<1	0.10	16	<2	5	59	<5	<3	16
41161	0.2	0.65	29	52	<3	3.56	<0.1	13	40	32	2.87	<0.01	1.35	1111	15	<0.01	<1	0.10	42	<2	10	66	<5	<3	19
41162	0.1	0.48	26	25	<3	4.12	<0.1	24	27	134	3.16	<0.01	1.74	1050	22	<0.01	<1	0.09	42	<2	17	65	<5	<3	15
41163	0.2	0.70	19	24	<3	3.56	<0.1	20	25	91	3.01	<0.01	1.54	895	14	<0.01	<1	0.10	27	<2	10	57	<5	<3	17
41164	0.1	0.45	30	22	27	6.52	<0.1	21	32	120	3.80	<0.01	2.61	1455	13	<0.01	<1	0.07	5	<2	4	95	<5	<3	11
41165	0.1	0.76	<3	20	<3	4.41	2.9	26	30	92	3.77	<0.01	1.69	1234	13	<0.01	1	0.09	26	<2	12	99	<5	<3	17
41166	<0.1	0.77	17	34	<3	3.61	0.7	37	39	119	3.63	<0.01	1.47	1042	21	<0.01	<1	0.11	50	<2	4	126	<5	<3	14
41167	<0.1	0.73	22	36	<3	4.15	<0.1	23	27	89	4.61	<0.01	1.85	1384	11	<0.01	<1	0.12	34	<2	13	118	<5	<3	13
41168	<0.1	0.66	<3	38	<3	5.07	<0.1	21	31	130	4.61	<0.01	2.03	1572	11	<0.01	<1	0.09	3	<2	8	105	<5	<3	14
41169	<0.1	0.84	15	42	71	4.92	1.2	24	33	75	4.07	<0.01	2.03	1486	19	<0.01	<1	0.12	5	<2	4	97	<5	<3	19
41170	<0.1	2.04	<3	39	<3	4.36	<0.1	29	35	72	5.55	<0.01	2.78	1661	26	<0.01	<1	0.17	45	<2	11	104	<5	<3	56
41171	0.1	1.92	<3	40	<3	4.17	<0.1	21	47	66	4.89	<0.01	2.60	1536	18	<0.01	<1	0.08	16	<2	12	90	<5	<3	57
41172	0.1	2.19	<3	29	<3	3.41	<0.1	25	54	57	5.03	<0.01	2.67	1429	16	<0.01	10	0.09	23	<2	12	76	<5	<3	68
41173	<0.1	1.32	5	35	<3	4.02	<0.1	26	47	91	4.18	<0.01	2.10	1372	19	<0.01	<1	0.09	57	<2	12	83	<5	<3	37
41174	<0.1	3.11	<3	34	<3	3.16	1.7	33	44	93	6.34	<0.01	3.14	1569	23	<0.01	1	0.09	12	<2	16	92	<5	<3	72
41175	<0.1	3.31	<3	27	<3	2.97	<0.1	31	36	68	6.60	<0.01	3.50	1614	11	<0.01	<1	0.08	4	<2	9	73	<5	<3	80
41176	<0.1	2.37	<3	43	<3	3.20	<0.1	24	38	73	5.32	<0.01	2.61	1452	26	<0.01	3	0.10	27	<2	11	59	<5	<3	63
41177	<0.1	2.36	<3	30	<3	3.54	<0.1	34	49	51	5.74	<0.01	2.89	1482	24	<0.01	<1	0.11	54	<2	15	67	<5	<3	70
41178	<0.1	1.75	<3	38	<3	4.77	<0.1	29	34	197	5.36	<0.01	2.72	1622	24	<0.01	13	0.09	38	<2	7	85	<5	<3	47
41179	<0.1	1.31	<3	31	<3	3.90	<0.1	33	35	63	4.28	<0.01	1.93	1258	23	<0.01	<1	0.10	31	<2	10	68	<5	<3	29
41180	<0.1	1.98	<3	30	<3	3.46	<0.1	33	41	89	5.02	<0.01	2.44	1316	23	<0.01	<1	0.08	28	<2	14	69	<5	<3	48
41181	<0.1	1.85	<3	31	14	3.07	<0.1	29	39	69	4.68	<0.01	2.26	1356	26	<0.01	<1	0.10	58	<2	14	49	<5	<3	49
41182	<0.1	1.72	<3	19	<3	4.47	<0.1	29	44	210	5.05	<0.01	2.67	1713	25	<0.01	<1	0.08	45	<2	14	79	<5	<3	38
41183	<0.1	2.96	<3	19	<3	2.74	<0.1	30	51	102	6.28	<0.01	2.83	1681	21	<0.01	<1	0.09	13	<2	15	52	<5	<3	75
41184	0.1	2.58	<3	26	<3	3.54	<0.1	30	50	124	5.95	<0.01	2.83	1965	29	<0.01	<1	0.11	49	<2	15	60	<5	<3	60
41185	0.2	3.15	<3	14	<3	3.16	<0.1	42	58	85	7.12	<0.01	3.33	2053	31	<0.01	<1	0.08	69	<2	15	60	<5	<3	79
41186	0.2	3.88	<3	12	<3	2.35	<0.1	47	51	91	7.66	<0.01	3.71	2022	28	<0.01	<1	0.08	41	<2	20	42	<5	<3	102
41187	0.1	3.12	<3	16	<3	3.11	<0.1	34	39	143	6.73	<0.01	3.19	1948	19	<0.01	<1	0.09	<2	<2	18	55	<5	<3	71
41188	<0.1	2.60	<3	25	<3	3.41	<0.1	38	57	92	5.96	<0.01	2.80	1929	20	<0.01	2	0.08	51	<2	18	59	6	<3	70
41189	<0.1	3.01	<3	25	<3	4.28	<0.1	42	59	85	7.21	<0.01	2.97	2336	30	<0.01	<1	0.10	71	<2	20	77	<5	<3	91

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 Suspected.

VANCOUVER 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: *Raymond*

REPORT #: 900252 PA

PAMICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN N.

DATE IN: AUG 17 1990

DATE OUT: SEPT 04 1990

ATTENTION: MR. STEVE TODORUK

PAGE 2 OF 2

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	
41190	0.5	2.21	<3	19	80	2.53	4.4	34	50	48	4.68	<0.01	2.18	1314	41	<0.01	28	0.08	59	<2	24	51	<5	<3	81	
41191	0.2	2.91	<3	19	32	4.45	3.7	30	58	109	6.25	<0.01	3.06	1837	26	<0.01	20	0.09	16	<2	17	76	<5	<3	90	
41192	0.1	2.20	<3	31	<3	3.90	3.9	16	27	112	5.49	<0.01	2.70	1877	15	<0.01	22	0.08	6	<2	19	62	<5	<3	62	
41193	0.2	2.31	<3	36	<3	3.88	5.5	28	31	169	5.73	<0.01	2.74	1688	27	<0.01	31	0.08	33	<2	12	70	<5	<3	72	
41194	0.1	2.64	<3	49	<3	3.58	7.6	30	35	70	6.32	<0.01	2.95	1860	26	<0.01	37	0.08	51	<2	17	55	<5	<3	79	
41195	<0.1	2.63	<3	60	<3	3.05	2.3	25	27	100	5.51	<0.01	2.71	1640	26	<0.01	7	0.09	32	<2	20	62	<5	<3	77	
41196	<0.1	2.05	<3	43	<3	3.42	2.6	21	13	112	5.01	<0.01	2.29	1709	15	<0.01	30	0.08	31	<2	10	57	9	<3	54	
41197	<0.1	2.46	<3	38	<3	2.98	6.8	25	30	77	5.82	<0.01	2.57	1708	26	<0.01	12	0.07	41	<2	17	56	<5	<3	69	
41198	<0.1	2.61	<3	46	<3	3.23	3.8	38	44	77	6.39	<0.01	2.86	1770	25	<0.01	39	0.07	52	<2	18	69	<5	<3	74	
41199	0.1	3.76	<3	68	<3	3.98	4.5	40	37	368	8.83	<0.01	3.46	2447	19	<0.01	30	0.14	18	<2	19	81	<5	<3	96	
41200	<0.1	2.53	<3	62	<3	2.86	5.4	28	28	58	5.91	<0.01	2.68	1497	21	<0.01	12	0.07	37	<2	14	43	<5	<3	66	
41201	0.1	1.35	<3	35	<3	4.22	5.0	16	17	24	4.02	<0.01	2.18	1366	26	<0.01	32	0.07	35	<2	17	50	<5	<3	30	
41202	0.3	3.13	<3	23	<3	2.61	5.8	35	32	172	6.99	<0.01	3.16	1738	21	<0.01	38	0.07	38	<2	15	31	<5	<3	80	
41203	<0.1	3.16	<3	56	<3	4.30	6.6	36	28	54	6.66	<0.01	3.27	2317	18	<0.01	24	0.12	25	<2	15	64	<5	<3	86	
41204	<0.1	3.08	<3	43	<3	3.86	3.5	31	13	67	6.91	<0.01	3.44	2152	20	<0.01	35	0.12	5	<2	19	54	<5	<3	75	
41205	<0.1	2.20	<3	53	<3	4.14	5.5	28	34	218	6.37	<0.01	2.30	1756	24	<0.01	21	0.09	44	<2	14	66	<5	<3	39	
41206	<0.1	1.74	<3	33	<3	3.93	6.4	33	29	123	5.08	<0.01	2.24	1594	22	<0.01	13	0.07	66	<2	11	68	<5	<3	39	
41207	0.1	0.55	<3	47	76	4.76	4.2	24	23	27	3.10	<0.01	1.96	1545	17	<0.01	26	0.05	28	<2	16	70	11	<3	13	
41208	<0.1	1.29	<3	49	<3	5.87	2.3	24	4	16	4.96	<0.01	2.78	2151	13	<0.01	27	0.09	37	<2	16	80	<5	<3	30	
41209	<0.1	0.52	<3	69	<3	7.56	5.0	18	9	41	4.24	<0.01	3.11	2323	15	<0.01	23	0.05	67	<2	12	94	<5	<3	19	
41210	<0.1	0.48	<3	44	<3	5.56	4.4	20	21	19	3.19	<0.01	2.20	1576	2	<0.01	21	0.05	40	<2	9	78	<5	<3	10	
41211	0.1	0.43	<3	24	<3	5.96	4.4	24	9	23	3.53	<0.01	2.30	1678	15	<0.01	<1	0.05	39	<2	14	95	<5	<3	7	
41212	<0.1	0.32	<3	17	<3	4.78	4.4	29	28	14	2.90	<0.01	2.00	1296	24	<0.01	7	0.05	63	<2	14	66	<5	<3	8	
41213	0.1	1.53	<3	34	<3	4.25	6.9	32	23	78	4.48	<0.01	2.43	1704	24	<0.01	28	0.05	62	<2	13	61	7	<3	33	
41214	0.4	2.12	<3	27	<3	3.54	3.6	46	22	92	5.61	<0.01	2.46	3118	8	<0.01	17	0.06	26	<2	16	61	<5	<3	45	
41215	0.1	0.87	<3	33	<3	5.88	6.4	41	20	40	6.42	<0.01	2.69	6874	21	<0.01	53	0.15	37	<2	15	109	<5	<3	36	
41216	0.2	0.82	<3	39	<3	5.89	6.5	28	26	51	6.80	<0.01	2.66	7595	31	<0.01	35	0.10	80	<2	18	111	<5	<3	26	
41217	0.3	0.84	<3	19	<3	3.89	5.5	26	24	7	7.23	<0.01	2.40	9479	23	<0.01	47	0.07	65	<2	20	96	<5	<3	47	
41218	<0.1	1.21	<3	19	<3	3.92	6.1	27	21	86	8.95	<0.01	2.47	13945	18	<0.01	67	0.05	50	<2	17	88	5	<3	43	
41219	<0.1	3.62	<3	16	<3	3.57	8.7	31	12	49	9.44	<0.01	2.94	12006	13	<0.01	85	0.06	56	<2	20	62	<5	<3	78	
41220	0.1	3.88	<3	44	<3	4.69	7.9	43	28	19	>10.00	<0.01	3.38	13325	23	<0.01	86	0.08	79	<2	24	75	13	<3	81	
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.																									

VOLUME 100 PAGE 2

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1088 TRIUMPH ST.~~
~~VANCOUVER, B.C. V6L 1K6~~
● (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 27 1990

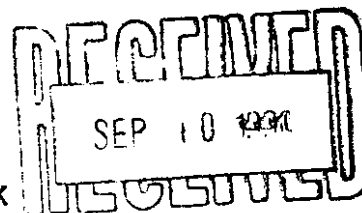
REPORT#: 900272 GA
JOB#: 900272

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 20 1990
REPORT COMPLETED: AUG 27 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900272 NA
TOTAL SAMPLES: 103
SAMPLE TYPE: 103 CORE
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
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VGC VANGEOCHEM LAB LIMITED

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~~VANCOUVER, B.C. V5L 1K5~~
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RENO, NEVADA, U.S.A.

REPORT NUMBER: 900272 GA JOB NUMBER: 900272 PANICON DEVELOPMENTS LTD. PAGE 1 OF 3

SAMPLE #	Au
	ppb
41108	40
41109	20
41110	10
41111	10
41112	nd
41113	nd
41114	nd
41115	nd
41116	nd
41117	nd
41118	nd
41119	nd
41120	nd
41121	10
41122	nd
41123	nd
41124	nd
41125	nd
41126	20
41127	nd
41128	nd
41129	nd
41130	nd
41131	nd
41132	nd
41133	nd
41134	nd
41135	nd
41136	nd
41137	nd
41138	nd
41139	20
41140	nd
41141	10
41142	10
41143	nd
41144	30
41145	nd
41146	10

DETECTION LIMIT 5
nd = none detected -- = 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
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BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900272 GA

JOB NUMBER: 900272

PAMICON DEVELOPMENTS LTD.

PAGE 2 OF 3

SAMPLE #	Au
41147	ppb
41148	nd
41149	20
41150	nd
41653	nd
41653	10
41654	10
41655	nd
41656	10
41657	10
41658	nd
41659	120
41660	nd
41668	40
41669	30
41670	20
41671	40
41672	10
41673	30
41674	10
41675	10
41676	20
41677	30
41678	nd
41679	nd
41680	30
41681	30
41682	20
41683	nd
41684	nd
41685	40
41686	10
41687	10
41688	20
41689	30
41690	nd
41691	nd
41692	20
41693	20
41751	nd

DETECTION LIMIT

5

nd = none detected

-- = 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
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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900272 GA

JOB NUMBER: 900272

PARICON DEVELOPMENTS LTD.

PAGE 3 OF 3

SAMPLE #	Au ppb
41951	nd
41952	20
41953	20
41954	20
41955	nd
41956	170
41957	90
41958	30
41959	20
41960	10
41961	60
41962	60
41963	20
41964	10
41965	nd
41966	nd
41967	200
41968	nd
41969	10
41970	20
41971	380
41972	30
41973	nd
41974	10
41975	30

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

1630 Pandora Street, Vancouver, V5L 1L6
 Phi (604) 251-5656 Fax (604) 717

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 10 1990
 ANALYST: *[Signature]*

REPORT #: 900272 PA PANICON DEVELOPMENTS LTD. PROJECT: JAZZMAN DATE IN: AUG 20 1990 DATE OUT: SEPT 05 1990 ATTENTION: MR: STEVE TODORUK PAGE 1 OF 3

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
41108	0.1	0.88	45	187	<3	3.43	7.1	33	49	1202	3.07	<0.01	1.75	834	26	<0.01	27	0.11	62	26	2	141	15	<3	31
41109	0.3	1.43	22	49	<3	3.99	1.9	35	53	172	4.42	<0.01	2.45	1154	26	<0.01	22	0.09	75	<2	9	89	<5	<3	48
41110	0.1	0.60	24	47	<3	4.22	3.8	28	34	48	4.12	<0.01	2.19	1098	13	<0.01	13	0.08	63	<2	20	116	8	<3	44
41111	0.1	0.58	<3	234	<3	4.53	3.8	33	44	6	5.90	<0.01	2.66	1277	23	<0.01	<1	0.09	37	<2	<2	123	<5	<3	63
41112	0.2	0.22	62	43	<3	4.63	0.5	20	77	14	2.69	<0.01	1.85	1204	25	<0.01	<1	0.02	64	6	8	71	<5	<3	17
41113	0.2	0.23	16	27	<3	3.14	4.7	18	127	10	1.79	<0.01	1.13	849	24	<0.01	<1	0.02	73	7	<2	63	7	<3	11
41114	0.4	0.36	11	59	<3	3.84	<0.1	17	60	11	2.23	<0.01	1.13	996	18	<0.01	19	0.04	55	<2	10	107	<5	<3	14
41115	0.1	0.24	38	13	55	2.43	<0.1	15	150	55	1.51	<0.01	0.70	633	21	<0.01	7	0.02	51	<2	<2	71	<5	<3	11
41116	0.1	0.34	64	13	<3	2.67	1.5	18	72	48	1.42	<0.01	0.55	639	22	<0.01	<1	0.06	67	18	<2	84	<5	<3	13
41117	0.1	0.34	14	15	<3	3.89	6.8	22	110	71	1.66	<0.01	0.79	761	21	<0.01	<1	0.03	69	<2	5	106	8	<3	13
41118	0.1	0.25	32	18	<3	2.96	3.4	15	48	30	1.55	<0.01	0.71	651	21	<0.01	<1	0.03	42	<2	10	85	<5	<3	7
41119	0.1	0.27	47	27	<3	3.71	1.6	18	83	66	1.47	<0.01	0.90	685	20	<0.01	<1	0.03	56	<2	<2	64	<5	<3	6
41120	0.1	0.25	14	42	<3	4.00	6.7	16	56	28	2.18	<0.01	1.42	1053	19	<0.01	<1	0.04	53	<2	<2	60	<5	<3	9
41121	<0.1	0.36	<3	36	<3	6.58	4.6	20	57	8	3.54	<0.01	2.37	1657	27	<0.01	<1	0.03	68	3	17	114	<5	<3	17
41122	<0.1	0.45	13	149	<3	7.83	4.6	17	38	<1	3.40	<0.01	2.11	1271	16	<0.01	8	0.03	40	<2	6	219	6	<3	19
41123	<0.1	0.28	<3	106	<3	>10.00	9.2	30	53	1	7.82	<0.01	6.00	3394	28	<0.01	19	<0.01	74	<2	15	206	<5	<3	42
41124	<0.1	0.11	6	19	<3	>10.00	7.3	32	34	2	7.06	<0.01	5.73	3707	35	<0.01	25	0.16	70	10	2	354	5	<3	36
41125	0.1	0.19	<3	24	<3	>10.00	4.3	13	30	1	2.78	<0.01	2.47	1797	26	<0.01	12	0.13	75	<2	11	345	<5	<3	23
41126	0.1	0.11	<3	36	<3	>10.00	3.1	19	18	<1	4.53	<0.01	4.79	2531	25	<0.01	14	0.02	62	<2	3	374	<5	<3	28
41127	0.1	0.33	<3	53	<3	>10.00	6.0	23	35	<1	6.56	<0.01	6.73	2684	24	<0.01	11	0.02	53	<2	16	312	<5	<3	28
41128	<0.1	0.46	<3	271	<3	>10.00	7.7	28	45	2	6.87	<0.01	5.24	1833	33	<0.01	30	0.03	72	18	19	204	<5	<3	30
41129	<0.1	0.23	48	50	<3	>10.00	6.9	20	29	<1	3.26	<0.01	2.56	997	24	<0.01	<1	0.01	60	<2	8	278	<5	<3	19
41130	<0.1	0.21	8	277	<3	>10.00	5.7	26	35	<1	6.61	<0.01	6.84	3191	31	<0.01	21	0.07	87	22	6	281	<5	<3	24
41131	<0.1	0.29	<3	56	<3	>10.00	7.4	18	29	1	3.62	<0.01	3.37	1988	22	<0.01	13	0.08	76	9	16	464	7	<3	21
41132	<0.1	0.91	21	58	<3	>10.00	6.3	22	28	<1	4.05	<0.01	3.20	917	21	<0.01	20	0.02	52	12	18	215	7	<3	52
41133	0.1	1.17	24	49	<3	>10.00	7.4	31	41	2	6.08	<0.01	4.35	1411	27	<0.01	11	0.04	76	18	13	155	<5	<3	84
41134	0.1	0.10	5	21	<3	>10.00	9.0	17	21	<1	3.46	<0.01	3.59	3317	33	<0.01	6	<0.01	86	<2	<2	399	<5	<3	37
41135	<0.1	<0.01	<3	48	<3	>10.00	7.2	30	38	<1	>10.00	<0.01	>10.00	11178	39	<0.01	11	0.15	96	12	27	368	<5	<3	48
41136	0.1	2.32	<3	83	<3	>10.00	8.9	31	48	8	7.82	<0.01	4.15	3425	30	<0.01	33	0.08	96	7	12	481	17	<3	113
41137	0.2	0.26	9	24	<3	>10.00	3.4	14	25	46	2.06	<0.01	1.75	1782	26	<0.01	10	0.02	77	25	3	380	<5	<3	19
41138	<0.1	0.08	<3	15	<3	>10.00	8.2	15	18	3	1.54	<0.01	1.68	3461	17	<0.01	<1	<0.01	65	12	2	546	<5	<3	21
41139	<0.1	<0.01	<3	21	<3	>10.00	7.2	29	32	<1	>10.00	<0.01	>10.00	7421	38	<0.01	2	<0.01	67	18	21	201	19	<3	34
41140	<0.1	0.26	<3	10	<3	>10.00	6.8	16	24	12	4.15	<0.01	4.88	3203	15	<0.01	<1	0.11	59	<2	5	195	<5	<3	17
41141	0.3	0.53	29	28	<3	3.93	2.9	19	135	31	1.78	<0.01	1.30	904	25	<0.01	<1	0.28	54	<2	<2	56	<5	<3	12
41142	0.3	0.27	24	13	<3	2.61	10.0	18	78	44	1.29	<0.01	0.82	652	23	<0.01	<1	0.06	69	2	<2	37	11	<3	4
41143	0.5	0.24	61	12	<3	4.92	7.9	30	156	2	2.00	<0.01	1.01	883	25	<0.01	48	0.06	53	<2	13	55	20	<3	4
41144	0.1	0.16	<3	12	<3	8.45	9.7	19	68	2	3.60	<0.01	3.29	2811	25	<0.01	38	0.05	63	7	4	84	<5	<3	11
41145	<0.1	0.05	6	100	<3	>10.00	11.8	33	77	<1	9.08	<0.01	9.51	8433	46	<0.01	39	<0.01	80	22	6	213	16	<3	37
41146	<0.1	0.02	<3	32	<3	>10.00	11.5	29	44	<1	9.15	<0.01	9.36	6133	47	<0.01	112	0.05	85	38	26	148	16	<3	23

Minimum Detection 0.1 0.01 3 1 3 0.01 0.1 1 1 1 0.01 0.01 0.01 1 1 0.01 1 0.01 2 2 2 1 5 3 1
 Maximum Detection 50.0 10.00 2000 1000 1000 10.00 1000.0 20000 1000 20000 10.00 10.00 10.00 20000 1000 10.00 20000 10.00 20000 2000 1000 10000 100 1000 20000
 < - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

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PAMICON DEVELOPMENTS LTD.

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

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 #: 900272 PA PAMICON DEVELOPMENTS LTD. PROJECT: JAZZMAN DATE IN: AUG 20 1990 DATE OUT: SEPT 05 1990 ATTENTION: MR. STEVE TODORUK PAGE 2 OF 3

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
41147	<0.1	0.47	6	29	<3	>10.00	1.5	13	46	30	3.57	<0.01	2.86	2350	12	<0.01	20	0.18	37	<2	19	172	<5	<3	27
41148	0.2	0.55	17	23	<3	5.22	<0.1	7	31	35	2.35	<0.01	1.56	1511	<1	<0.01	<1	0.04	27	<2	13	107	<5	<3	15
41149	<0.1	0.75	<3	26	<3	6.00	1.6	14	73	45	3.03	<0.01	1.91	1584	<1	<0.01	22	0.03	25	<2	<2	123	<5	<3	20
41150	<0.1	0.69	52	28	<3	2.47	<0.1	18	28	44	2.20	<0.01	1.10	780	1	<0.01	34	0.04	41	<2	10	73	<5	<3	20
41653	0.1	0.87	47	39	22	4.45	<0.1	14	75	33	2.92	<0.01	1.68	1400	<1	<0.01	<1	0.04	16	<2	6	116	<5	<3	28
41654	0.1	0.93	40	53	<3	5.12	<0.1	10	37	10	2.90	<0.01	1.52	1428	<1	<0.01	<1	0.04	29	<2	9	124	9	<3	32
41655	<0.1	0.61	29	61	<3	3.42	3.5	3	57	2	1.80	<0.01	0.85	862	1	<0.01	<1	0.19	31	<2	<2	100	<5	<3	19
41656	<0.1	0.31	31	114	41	8.87	2.6	14	30	22	4.22	<0.01	2.18	2499	11	<0.01	8	0.08	53	<2	8	241	<5	<3	39
41657	<0.1	0.64	21	34	<3	2.36	0.2	10	84	9	2.26	<0.01	0.93	678	1	<0.01	<1	0.04	39	<2	9	74	<5	<3	41
41658	<0.1	0.73	32	45	<3	3.99	3.3	13	42	18	2.41	<0.01	1.18	1098	1	<0.01	<1	0.04	6	<2	4	117	<5	<3	28
41659	0.1	0.72	41	35	<3	5.52	1.5	13	79	14	2.26	<0.01	1.25	1604	14	<0.01	<1	0.03	32	<2	14	142	<5	<3	26
41660	<0.1	0.51	77	55	<3	2.64	1.6	9	28	59	1.36	<0.01	0.66	657	2	<0.01	<1	0.04	25	<2	17	79	<5	<3	11
41668	0.1	0.40	79	35	<3	8.04	5.2	18	67	42	4.27	<0.01	3.20	1670	<1	<0.01	29	0.04	27	<2	13	175	<5	<3	45
41669	0.1	0.41	49	32	<3	6.79	4.0	23	24	85	3.71	<0.01	2.80	1349	12	<0.01	5	0.07	29	<2	<2	163	<5	<3	36
41670	0.1	0.41	15	35	77	4.52	3.0	39	40	53	4.03	<0.01	1.91	1056	17	<0.01	<1	0.08	42	<2	11	107	<5	<3	30
41671	0.1	0.28	57	26	45	7.60	3.8	26	6	35	5.08	<0.01	3.01	1614	14	<0.01	1	0.05	35	<2	9	171	<5	<3	39
41672	0.1	0.45	17	22	185	>10.00	3.3	22	24	41	6.64	<0.01	4.30	2438	14	<0.01	10	0.08	21	<2	11	269	<5	<3	51
41673	<0.1	0.62	11	29	62	6.36	2.3	33	37	37	6.13	<0.01	3.03	1880	15	<0.01	16	0.08	54	3	2	158	<5	<3	53
41674	<0.1	0.38	<3	22	27	8.53	1.9	35	20	13	6.93	<0.01	4.08	2369	16	<0.01	<1	0.10	43	<2	19	183	<5	<3	51
41675	<0.1	0.31	16	16	<3	9.56	2.3	27	35	15	6.35	<0.01	4.75	1958	14	<0.01	<1	0.08	57	<2	16	202	<5	<3	53
41676	<0.1	0.30	33	40	13	8.93	3.3	23	21	75	6.25	<0.01	4.17	2207	16	<0.01	15	0.08	41	6	7	215	<5	<3	44
41677	<0.1	0.92	40	63	<3	7.51	3.6	26	47	96	5.51	<0.01	3.50	1741	17	<0.01	<1	0.06	48	<2	18	168	8	<3	47
41678	<0.1	1.66	20	35	<3	3.61	3.5	32	34	122	5.05	<0.01	2.29	1200	17	<0.01	15	0.11	28	<2	8	76	<5	<3	55
41679	<0.1	2.25	34	29	<3	3.48	2.3	39	48	91	5.74	<0.01	2.88	1150	16	<0.01	<1	0.11	65	<2	3	74	<5	<3	75
41680	<0.1	0.92	15	47	<3	6.53	5.8	24	12	73	4.61	<0.01	2.93	1591	17	<0.01	<1	0.07	28	<2	15	108	<5	<3	32
41681	<0.1	2.31	4	32	<3	4.11	5.6	36	37	76	6.38	<0.01	3.40	1358	30	<0.01	<1	0.07	62	<2	14	95	<5	<3	83
41682	<0.1	2.07	14	44	<3	3.83	3.9	33	27	59	6.11	<0.01	3.24	1311	25	<0.01	<1	0.08	49	<2	5	84	<5	<3	84
41683	<0.1	2.41	14	95	<3	5.07	5.1	42	63	62	7.61	<0.01	4.02	1663	27	<0.01	4	0.08	85	15	16	111	<5	<3	96
41684	0.2	0.92	59	76	20	7.15	1.9	36	23	141	5.07	<0.01	3.17	1808	17	<0.01	<1	0.10	34	<2	13	137	<5	<3	28
41685	0.1	1.86	19	36	103	3.31	3.5	34	40	58	4.92	<0.01	2.37	1023	28	<0.01	13	0.08	47	<2	12	70	10	<3	47
41686	0.1	0.71	36	33	<3	5.93	<0.1	27	17	40	3.93	<0.01	2.56	1321	13	<0.01	<1	0.07	43	<2	4	127	<5	<3	18
41687	0.1	1.04	16	79	<3	7.31	5.6	27	30	59	4.67	<0.01	3.21	1686	17	<0.01	<1	0.07	55	9	15	171	6	<3	27
41688	<0.1	2.07	25	46	<3	3.70	0.8	30	25	74	5.16	<0.01	2.67	1144	27	<0.01	<1	0.08	48	<2	21	93	<5	<3	53
41689	<0.1	2.08	24	35	<3	3.85	4.1	30	33	95	5.47	<0.01	2.85	1201	28	<0.01	<1	0.09	30	9	9	101	<5	<3	55
41690	<0.1	1.56	58	41	<3	4.21	4.1	34	35	131	4.44	<0.01	2.34	1201	17	<0.01	<1	0.10	41	12	7	129	5	<3	35
41691	0.1	1.70	30	36	<3	5.99	3.8	33	38	115	5.52	<0.01	3.22	1626	17	<0.01	<1	0.08	64	<2	26	166	<5	<3	43
41692	<0.1	0.66	30	39	<3	9.20	3.6	33	31	144	5.17	<0.01	3.50	2193	17	<0.01	<1	0.06	30	<2	8	219	<5	<3	19
41693	0.1	0.92	25	121	59	6.87	0.6	40	30	50	4.90	<0.01	3.02	1725	17	<0.01	<1	0.08	39	<2	7	169	<5	<3	27
41751	0.1	0.48	7	113	<3	>10.00	6.4	49	32	73	7.02	<0.01	4.84	2689	33	<0.01	<1	0.07	48	20	22	305	<5	<3	51

Minimum Detection 0.1 0.01 3 1 3 0.01 0.1 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.

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 #: 900272 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 20 1990

DATE OUT: SEPT 05 1990

ATTENTION: MR. STEVE TODORUK

PAGE 3 OF 3

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
41951	0.1	0.30	19	25	<3	2.25	6.1	36	62	22	3.64	<0.01	0.81	725	32	<0.01	59	0.05	107	9	16	38	<5	<3	13
41952	0.1	0.32	30	23	14	2.58	4.4	32	95	17	3.88	0.04	0.99	864	32	<0.01	57	0.05	73	<2	20	38	<5	<3	11
41953	0.1	0.59	<3	35	<3	2.38	9.3	31	118	13	4.23	<0.01	0.75	719	26	<0.01	51	0.06	40	<2	7	43	<5	<3	15
41954	0.1	0.46	<3	20	65	2.22	6.2	31	68	11	4.55	<0.01	0.91	774	14	<0.01	117	0.04	26	<2	10	34	<5	<3	17
41955	<0.1	0.44	12	20	8	1.81	3.9	27	68	7	3.53	0.03	0.59	550	28	<0.01	54	0.03	72	8	7	26	<5	<3	14
41956	<0.1	0.44	156	22	31	2.11	8.1	15	94	51	3.76	<0.01	0.76	586	13	<0.01	25	0.05	36	<2	24	29	<5	<3	16
41957	<0.1	0.41	30	19	<3	1.16	3.8	25	88	15	4.11	0.17	0.37	362	13	<0.01	29	0.08	51	<2	11	20	<5	<3	10
41958	<0.1	0.40	16	22	<3	3.26	4.1	22	68	24	4.09	<0.01	1.25	985	21	<0.01	111	0.07	62	<2	18	40	<5	<3	12
41959	<0.1	0.58	134	21	<3	5.24	9.3	24	57	35	6.21	<0.01	1.32	1474	11	<0.01	25	0.13	47	<2	23	82	<5	<3	15
41960	<0.1	0.48	69	28	<3	3.86	6.8	37	57	18	4.72	<0.01	1.08	1104	11	<0.01	13	0.05	38	11	12	58	<5	<3	13
41961	<0.1	0.76	15	48	<3	3.60	5.5	39	99	11	4.26	<0.01	1.32	1153	27	<0.01	12	0.05	88	<2	15	54	<5	<3	16
41962	0.1	0.39	67	24	32	2.45	8.3	49	59	15	8.46	0.16	0.89	784	27	<0.01	106	0.04	67	3	15	30	<5	<3	16
41963	<0.1	0.41	8	56	77	2.29	5.9	23	49	<1	2.97	<0.01	0.84	658	10	<0.01	<1	0.06	47	<2	19	26	<5	<3	8
41964	<0.1	0.40	29	26	<3	2.78	4.0	30	93	<1	4.26	<0.01	1.09	663	26	<0.01	<1	0.04	68	<2	9	32	<5	<3	9
41965	<0.1	0.35	33	21	<3	2.58	2.5	23	80	<1	3.78	<0.01	0.96	671	21	<0.01	19	0.04	42	<2	21	35	<5	<3	9
41966	<0.1	0.40	32	19	<3	2.50	4.8	21	42	<1	3.05	<0.01	0.95	573	25	<0.01	<1	0.03	16	<2	21	36	<5	<3	7
41967	<0.1	0.50	92	28	<3	2.36	4.4	19	60	<1	3.24	<0.01	0.89	553	22	<0.01	<1	0.05	34	<2	12	33	<5	<3	7
41968	<0.1	0.45	28	28	<3	2.32	5.6	32	47	<1	4.33	0.08	0.79	507	20	<0.01	66	0.04	56	12	14	34	<5	<3	8
41969	<0.1	0.42	33	28	<3	2.25	7.1	21	44	<1	2.35	<0.01	0.81	442	16	<0.01	<1	0.04	35	<2	27	34	<5	<3	6
41970	<0.1	0.39	48	34	<3	3.93	5.1	43	50	<1	4.69	<0.01	1.35	890	23	<0.01	<1	0.03	28	<2	11	46	<5	<3	10
41971	<0.1	0.42	75	41	<3	2.43	6.7	29	66	7	3.82	0.03	0.85	519	20	<0.01	10	0.08	61	3	18	25	<5	<3	7
41972	<0.1	0.39	84	37	<3	2.34	3.6	15	47	<1	1.92	<0.01	0.94	401	4	<0.01	60	<0.01	13	<2	35	31	<5	<3	4
41973	<0.1	0.43	23	45	<3	2.50	<0.1	22	30	<1	2.60	<0.01	0.78	287	4	<0.01	2	0.08	26	<2	5	41	<5	<3	4
41974	<0.1	0.42	26	26	<3	3.17	6.8	31	58	<1	5.57	<0.01	1.04	465	20	<0.01	6	0.11	74	28	25	48	<5	<3	7
41975	<0.1	1.00	37	48	<3	2.80	3.7	26	85	<1	3.97	<0.01	0.84	744	17	<0.01	<1	0.05	33	5	30	64	<5	<3	14

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.

1520 PACIFIC STREET
VANCOUVER, BC V6L 1L5
(604) 251-5656



MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V6L 1K6
• (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

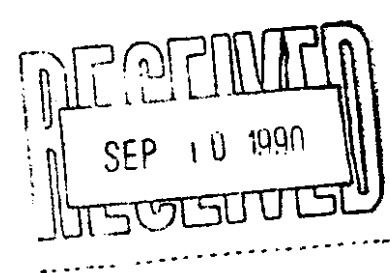
DATE: SEPT 06 1990

REPORT#: 900348 AA
JOB#: 900348

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 30 1990
REPORT COMPLETED: SEPT 06 1990
ANALYSED FOR: Ag Au

INVOICE#: 900348 NA
TOTAL SAMPLES: 16
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 16 CORE

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
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(604) 251-5656



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GEOCHEMICAL ANALYTICAL REPORT
=====

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

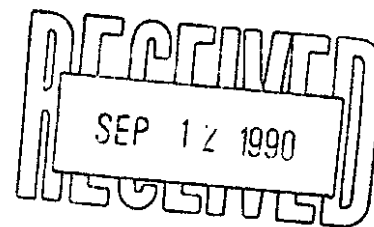
DATE: AUG 31 1990

REPORT#: 900317 GA
JOB#: 900317

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 28 1990
REPORT COMPLETED: AUG 31 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900317 NA
TOTAL SAMPLES: 7
SAMPLE TYPE: 7 CORE
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.

1630 PANDORA STREET
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(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

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● FAX (604) 254-5717

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REPORT NUMBER: 900317 GA

JOB NUMBER: 900317

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	la
41661	ppb
41662	nd
41663	nd
41664	20
41665	10
41666	10
41667	10

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) 4-5717

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. J. ...*

REPORT #: 900317 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 28 1990

DATE OUT: SEPT 08 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
41661	0.5	0.39	18	61	<3	3.74	3.8	18	36	18	2.31	<0.01	1.20	1070	24	<0.01	38	0.04	64	3	9	88	<5	<3	16
41662	0.2	0.36	4	86	<3	3.81	2.9	21	36	27	2.24	<0.01	1.17	1127	23	<0.01	26	0.04	67	7	8	86	<5	<3	14
41663	0.2	0.40	50	39	<3	2.52	5.1	18	33	20	1.71	<0.01	0.76	686	16	<0.01	37	0.05	53	<2	12	79	<5	<3	11
41664	0.4	0.85	4	36	<3	3.46	5.8	21	26	14	3.02	<0.01	1.00	963	20	<0.01	33	0.04	41	<2	11	95	<5	<3	30
41665	0.5	1.43	<3	32	<3	2.60	7.5	21	54	13	3.92	0.02	1.49	802	25	<0.01	50	0.04	61	<2	10	76	<5	<3	50
41666	0.2	0.54	<3	33	<3	4.21	3.9	16	31	14	2.51	<0.01	1.34	1290	18	<0.01	37	0.04	64	<2	11	103	<5	<3	24
41667	0.1	0.39	<3	34	<3	4.82	4.6	12	40	16	2.60	<0.01	1.85	1497	16	<0.01	20	0.05	40	<2	7	104	<5	<3	21
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 14 1990
 15252525

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VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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~~VANCOUVER, B.C. V5L 1K5~~
● (604) 251-5656
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BRANCH OFFICES
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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 29 1990

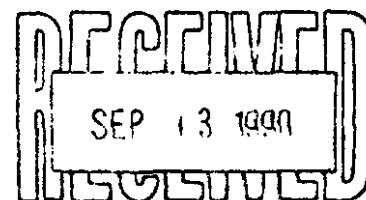
REPORT#: 900298 GA
JOB#: 900298

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 24 1990
REPORT COMPLETED: AUG 29 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900298 NA
TOTAL SAMPLES: 293
SAMPLE TYPE: 293 CORE
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.



MAIN OFFICE
~~1908 TRIUMPH ST.~~
VANCOUVER, B.C. V5L 1K5
• (604) 251-5656
• FAX (604) 254-5717

BRANCH OFFICES
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REPORT NUMBER: 900298 GA

JOB NUMBER: 900298

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 8

SAMPLE #	Au
41223	ppb
41224	nd
41310	10
41311	nd
41312	20
41313	nd
41314	nd
41315	10
41316	nd
41317	50
41318	20
41319	10
41320	20
41321	40
41322	20
41323	10
41324	nd
41325	20
41326	nd
41327	nd
41328	nd
41329	20
41330	nd
41331	nd
41332	nd
41333	nd
41334	nd
41335	nd
41336	nd
41337	130
41338	nd
41339	550
41340	nd
41341	nd
41342	130
41343	60
41344	10
41345	20
41346	60

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

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REPORT NUMBER: 900298 GA

JOB NUMBER: 900298

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 8

SAMPLE #	Au
41347	ppb nd
41348	70
41349	nd
41350	nd
41401	nd
41402	nd
41403	nd
41404	nd
41405	nd
41406	20
41407	30
41408	nd
41409	nd
41410	nd
41411	nd
41412	nd
41413	nd
41414	40
41415	nd
41416	20
41417	nd
41418	60
41419	70
41420	nd
41421	10
41422	230
41423	40
41424	30
41694	20
41695	10
41696	20
41697	nd
41698	nd
41699	10
41700	nd
41701	nd
41702	nd
41703	nd
41704	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

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REPORT NUMBER: 900298 GA

JOB NUMBER: 900298

PANICON DEVELOPMENTS LTD.

PAGE 3 OF 8

SAMPLE #	Au
	ppb
41705	nd
41706	nd
41707	nd
41708	nd
41709	nd
41710	nd
41711	20
41712	nd
41713	nd
41714	20
41715	10
41716	30
41717	30
41718	20
41719	40
41720	50
41721	230
41722	110
41723	60
41724	270
41725	530
41726	5000
41727	190
41728	400
41729	50
41730	50
41731	1020
41732	320
41733	390
41734	180
41735	70
41736	40
41737	30
41738	10
41739	10
41740	nd
41741	nd
41742	nd
41743	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

1600 HANCOCK STREET
VANCOUVER, BC V5L 1L6
(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1900 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 900298 GA

JOB NUMBER: 900290

PANICON DEVELOPMENTS LTD.

PAGE 4 OF 8

SAMPLE #	Au ppb
41744	nd
41745	nd
41746	nd
41747	30
41748	20
41749	30
41750	10
41752	20
41753	20
41754	20
41755	10
41756	nd
41757	nd
41758	10
41759	20
41760	60
41761	50
41762	30
41763	20
41764	nd
41765	40
41766	nd
41767	60
41768	10
41769	10
41770	10
41771	10
41772	nd
41773	nd
41774	nd
41775	nd
41776	nd
41777	nd
41778	nd
41779	nd
41780	30
41781	nd
41782	nd
41783	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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VANCOUVER, B.C. V5L 1K5
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● FAX (604) 254-5717

BRANCH OFFICES
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REPORT NUMBER: 900298 GA

JOB NUMBER: 900298

PANICON DEVELOPMENTS LTD.

PAGE 5 OF 8

SAMPLE #	Au
	ppb
41784	nd
41785	nd
41786	10
41787	nd
41788	nd
41789	nd
41790	20
41791	40
41792	20
41793	20
41794	210
41795	nd
41796	410
41797	20
41798	nd
41799	nd
41800	nd
41801	nd
41802	nd
41803	nd
41804	nd
41805	30
41806	nd
41807	nd
41808	40
41809	10
41810	nd
41811	nd
41812	20
41813	nd
41814	10
41815	nd
41816	10
41817	10
41818	10
41819	10
41820	20
41821	40
41822	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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~~VANCOUVER, B.C. V5L 1K6~~
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REPORT NUMBER: 900298 GA

JOB NUMBER: 900298

PANICON DEVELOPMENTS LTD.

PAGE 6 OF 8

SAMPLE #	Au ppb
41901	nd
41902	20
41903	10
41904	40
41905	30
41906	10
41907	30
41908	50
41909	20
41910	180
41911	10
41912	10
41913	60
41914	30
41915	nd
41916	10
41917	20
41918	10
41919	20
41920	30
41921	20
41922	130
41923	nd
41924	nd
41925	10
41926	10
41927	nd
41928	nd
41929	nd
41930	130
41931	nd
41932	20
41933	120
41934	10
41935	nd
41936	30
41937	10
41938	nd
41939	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

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(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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BRANCH OFFICES
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REPORT NUMBER: 900298 GA

JOB NUMBER: 900298

PANICON DEVELOPMENTS LTD.

PAGE 7 OF 8

SAMPLE #	Av ppb
41940	nd
41941	nd
41942	40
41943	10
41944	nd
41945	130
41946	20
41947	nd
41948	20
41949	nd
41950	10
41976	nd
41977	nd
41978	nd
41979	210
41980	nd
41981	nd
41982	nd
41983	20
41984	50
41985	nd
41986	nd
41987	nd
41988	nd
41989	nd
41990	nd
41991	nd
41992	nd
41993	nd
41994	20
41995	nd
41996	nd
41997	nd
41998	nd
41999	nd
42000	nd
42251	nd
42252	250
42253	30

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

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REPORT NUMBER: 900298 GA

JOB NUMBER: 900298

PANICON DEVELOPMENTS LTD.

PAGE 8 OF 8

SAMPLE #	Au ppb
42254	10
42255	nd
42256	20
42257	nd
42258	40
42259	10
42260	nd
42261	50
42262	20
42263	nd
42264	nd
42265	nd
42266	nd
42267	nd
42268	nd
42269	nd
42270	nd
42271	nd
42272	nd
42273	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

1630 PANDORA STREET
VANCOUVER, BC V5L 1L6
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RENO, NEVADA, U.S.A.

ASSAY ANALYTICAL REPORT
=====

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

DATE: AUG 29 1990

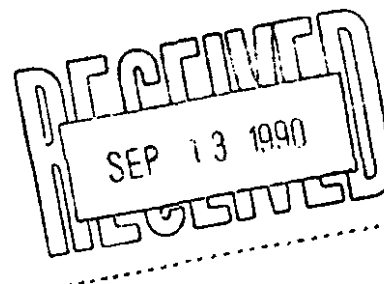
REPORT#: 900298 AA
JOB#: 900298

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 24 1990
REPORT COMPLETED: AUG 29 1990
ANALYSED FOR: Au

INVOICE#: 900298 NA
TOTAL SAMPLES: 2
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 2 CORE

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.

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BRANCH OFFICES
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REPORT NUMBER: 900298 AA

JOB NUMBER: 900298

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
41726	.136
41731	.038

DETECTION LIMIT

.005

1 Troy oz/short ton = 31.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

Richard 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: *Royal*

REPORT #: 900298 PA

PAMICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 24 1990

DATE OUT: SEP 11 1990

ATTENTION: MR. STEVE TODORUK

PAGE 1 OF 8

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
41223	<0.1	0.57	<3	58	<3	1.86	1.5	5	42	7	1.21	0.16	0.73	446	10	<0.01	17	0.01	241	<2	3	40	<5	<3	96
41224	<0.1	0.52	6	74	<3	2.00	0.8	4	49	3	1.51	0.17	0.84	597	3	<0.01	7	0.02	29	<2	4	40	<5	<3	15
41310	<0.1	4.71	<3	27	<3	1.88	3.8	14	38	38	7.34	0.32	2.43	761	30	<0.01	26	0.10	<2	<2	23	46	<5	<3	101
41311	<0.1	3.05	<3	17	<3	2.58	2.2	18	23	111	5.07	0.29	2.28	817	13	<0.01	22	0.11	<2	<2	15	52	<5	<3	61
41312	<0.1	2.21	<3	15	<3	3.39	1.8	21	24	34	4.14	0.27	2.05	1001	9	<0.01	18	0.11	<2	<2	11	59	<5	<3	45
41313	<0.1	2.92	<3	24	<3	2.54	2.2	21	31	24	4.90	0.28	1.92	855	10	<0.01	18	0.12	<2	<2	15	43	<5	<3	55
41314	<0.1	3.80	<3	19	<3	2.03	2.3	21	29	15	6.47	0.30	2.35	929	15	<0.01	23	0.11	<2	<2	19	34	<5	<3	76
41315	<0.1	2.70	<3	17	<3	2.32	1.4	23	23	7	4.87	0.26	1.99	894	12	<0.01	14	0.12	<2	<2	14	36	<5	<3	59
41316	<0.1	2.90	<3	18	<3	2.17	1.4	12	25	15	4.61	0.25	1.94	840	12	<0.01	12	0.09	60	<2	51	41	<5	<3	64
41317	<0.1	2.89	<3	17	<3	2.31	1.9	24	39	39	4.61	0.25	1.79	809	10	<0.01	17	0.08	<2	<2	15	43	<5	<3	63
41318	<0.1	2.61	<3	14	<3	2.32	1.2	12	35	13	4.04	0.24	1.63	774	8	<0.01	16	0.09	<2	<2	11	40	<5	<3	53
41319	0.2	2.33	<3	15	<3	4.29	1.8	29	29	37	4.70	0.28	1.86	1387	10	<0.01	22	0.09	<2	<2	11	70	<5	<3	40
41320	0.1	3.26	<3	13	<3	4.16	1.9	14	42	77	5.14	0.30	2.20	1433	11	<0.01	21	0.11	<2	<2	16	67	<5	<3	51
41321	<0.1	2.49	<3	15	<3	3.45	1.2	19	24	172	4.48	0.30	1.56	1030	8	<0.01	14	0.20	<2	<2	11	51	<5	<3	35
41322	<0.1	3.53	<3	22	<3	4.60	2.6	19	42	188	5.70	0.33	1.88	1454	11	<0.01	19	0.16	<2	<2	17	80	<5	<3	58
41323	<0.1	1.63	<3	9	<3	3.31	1.5	26	30	62	3.54	0.26	1.64	1048	5	<0.01	16	0.10	<2	<2	7	41	<5	<3	25
41324	<0.1	2.59	<3	7	<3	2.83	2.2	11	28	4	4.29	0.26	2.15	1100	7	<0.01	13	0.09	<2	<2	11	35	<5	<3	45
41325	<0.1	3.17	<3	11	<3	4.43	1.9	13	34	119	4.39	0.28	2.38	1220	10	<0.01	11	0.10	<2	<2	13	56	<5	<3	56
41326	<0.1	2.71	<3	7	<3	5.00	<0.1	7	24	6	3.12	0.24	1.98	1043	6	<0.01	4	0.10	<2	<2	10	63	<5	<3	41
41327	<0.1	3.03	<3	7	<3	3.97	0.8	10	23	105	3.98	0.26	2.09	1059	8	<0.01	11	0.14	<2	<2	12	55	<5	<3	49
41328	<0.1	2.66	<3	5	<3	4.00	0.9	14	23	27	4.36	0.27	2.24	1450	9	<0.01	20	0.11	<2	<2	11	49	<5	<3	48
41329	<0.1	2.81	<3	8	<3	3.46	1.3	33	26	79	4.94	0.28	2.26	1348	6	<0.01	10	0.11	<2	<2	12	43	<5	<3	47
41330	<0.1	1.22	<3	6	<3	4.70	0.5	10	17	10	3.51	0.24	1.81	1558	4	<0.01	<1	0.08	<2	<2	7	41	<5	<3	16
41331	<0.1	1.48	<3	22	<3	8.58	1.6	19	26	11	4.99	0.26	2.34	2401	6	<0.01	12	0.09	4	<2	10	98	<5	<3	24
41332	<0.1	1.01	<3	82	<3	7.09	1.5	7	20	<1	4.45	0.26	2.45	2315	5	<0.01	6	0.07	5	<2	6	94	<5	<3	31
41333	<0.1	1.57	<3	9	<3	2.21	0.4	13	27	7	3.17	0.23	1.32	813	3	<0.01	7	0.10	<2	<2	6	28	<5	<3	19
41334	<0.1	2.58	<3	5	<3	2.48	1.1	11	41	<1	4.50	0.26	2.01	1091	6	<0.01	11	0.10	<2	<2	12	30	<5	<3	40
41335	<0.1	2.55	<3	11	<3	3.06	0.7	19	32	24	5.10	0.29	1.91	1207	6	<0.01	<1	0.09	<2	<2	11	40	<5	<3	35
41336	<0.1	1.97	<3	10	<3	3.87	0.9	13	29	111	4.73	0.28	1.93	1597	4	<0.01	2	0.08	<2	<2	9	39	<5	<3	30
41337	<0.1	2.31	<3	13	<3	3.49	1.9	55	36	410	7.67	0.33	1.37	1272	8	<0.01	5	0.09	2	4	15	86	<5	<3	33
41338	<0.1	1.87	<3	13	<3	2.62	0.1	14	23	361	4.82	0.26	1.07	927	3	<0.01	<1	0.10	<2	<2	8	41	<5	<3	21
41339	<0.1	2.27	6	12	<3	2.36	2.8	135	36	868	9.50	0.36	1.33	1056	8	<0.01	17	0.09	7	10	15	39	<5	<3	35
41340	<0.1	2.67	<3	13	<3	3.06	0.4	13	31	12	4.70	0.27	1.95	1421	6	<0.01	3	0.09	<2	<2	10	44	<5	<3	30
41341	<0.1	3.03	<3	12	<3	2.21	0.4	13	22	<1	5.02	0.27	2.07	1277	5	<0.01	<1	0.09	<2	<2	12	31	<5	<3	31
41342	<0.1	3.22	<3	13	<3	3.81	0.4	9	29	50	5.80	0.31	2.12	1455	5	<0.01	<1	0.08	<2	<2	13	53	<5	<3	39
41343	<0.1	4.57	<3	7	<3	4.64	1.9	18	39	351	7.82	0.36	2.71	2075	12	<0.01	13	0.11	<2	<2	20	77	5	<3	71
41344	<0.1	3.16	<3	15	<3	3.00	0.5	16	14	7	5.83	0.31	2.19	1280	5	<0.01	<1	0.10	<2	<2	13	88	<5	<3	44
41345	<0.1	1.47	<3	13	<3	7.88	0.7	11	14	<1	5.12	0.27	2.45	2512	2	<0.01	<1	0.07	<2	<2	8	110	<5	<3	26
41346	<0.1	3.18	<3	12	<3	4.35	1.8	29	19	27	7.27	0.34	2.51	1721	9	<0.01	2	0.11	<2	<2	16	61	<5	<3	53

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 - Inefficient Sample

is - No Sample

is - Analytical Error

VANCOUVER LABORATORIES

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: *Ryanth*

REPORT #: 900298 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZIMAN

DATE IN: AUG 24 1990

DATE OUT: SEPT 10 1990

ATTENTION: MR. STEVE TODORUK

PAGE 2 OF 8

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
41347	<0.1	3.06	<3	11	<3	2.53	2.8	16	25	3	5.17	0.34	2.31	1032	12	<0.01	24	0.07	<2	<2	19	39	<5	<3	55
41348	<0.1	3.28	<3	29	<3	2.61	2.8	17	28	2	5.73	0.36	2.50	1100	13	<0.01	21	0.09	<2	<2	19	40	6	<3	55
41349	<0.1	3.69	<3	31	<3	2.69	2.6	21	26	2	6.18	0.38	2.77	1033	14	<0.01	20	0.08	<2	<2	22	51	<5	<3	69
41350	<0.1	3.81	<3	7	<3	3.14	3.3	23	21	3	5.86	0.37	2.73	1298	15	<0.01	19	0.09	<2	<2	22	46	<5	<3	64
41401	<0.1	3.74	<3	12	<3	3.26	2.4	20	25	2	5.53	0.35	2.53	1175	14	<0.01	19	0.06	<2	<2	22	59	<5	<3	70
41402	<0.1	3.76	<3	9	<3	3.54	2.8	19	22	1	5.18	0.35	2.37	1272	13	<0.01	17	0.07	<2	<2	21	75	<5	<3	66
41403	<0.1	4.36	<3	11	<3	3.91	3.0	18	17	1	6.14	0.39	2.67	1310	15	<0.01	22	0.09	<2	<2	23	79	<5	<3	78
41404	<0.1	3.68	<3	10	<3	5.05	3.4	18	39	1	6.59	0.40	2.31	1366	14	<0.01	27	0.10	<2	<2	22	84	<5	<3	69
41405	<0.1	3.12	<3	13	<3	3.10	2.6	18	17	<1	5.24	0.34	1.95	1088	14	<0.01	14	0.09	<2	<2	18	59	<5	<3	47
41406	<0.1	3.66	<3	18	<3	4.39	3.3	20	23	<1	6.19	0.38	2.32	1369	18	<0.01	17	0.14	<2	<2	21	144	<5	<3	49
41407	<0.1	2.91	<3	11	<3	6.54	2.9	30	16	1	5.57	0.35	2.13	1762	14	<0.01	15	0.06	<2	<2	18	249	<5	<3	44
41408	<0.1	2.73	<3	47	<3	2.93	2.4	14	20	<1	5.61	0.35	1.90	856	12	<0.01	14	0.05	<2	<2	17	105	<5	<3	38
41409	<0.1	2.45	<3	26	<3	2.88	2.9	17	23	<1	6.00	0.36	2.28	1008	11	<0.01	17	0.08	<2	<2	19	83	<5	<3	48
41410	<0.1	1.49	<3	182	<3	5.23	2.4	14	19	<1	6.01	0.37	2.38	1566	9	<0.01	19	0.09	8	3	15	273	<5	<3	42
41411	<0.1	2.73	<3	39	<3	6.29	3.7	22	18	<1	7.67	0.44	2.85	2158	13	<0.01	21	0.12	8	5	21	114	<5	<3	50
41412	<0.1	3.55	<3	29	<3	4.59	3.1	21	19	<1	6.20	0.39	2.34	1335	13	<0.01	16	0.08	<2	<2	24	139	<5	<3	62
41413	<0.1	3.58	<3	30	<3	3.48	2.6	21	19	4	5.76	0.37	2.29	912	13	<0.01	24	0.07	<2	<2	21	98	<5	<3	57
41414	<0.1	3.22	<3	15	<3	7.27	2.3	16	33	1	6.95	0.37	2.25	1580	16	<0.01	21	0.11	2	<2	21	177	<5	<3	47
41415	<0.1	2.90	<3	22	<3	4.41	2.7	15	21	<1	6.41	0.41	2.50	1756	12	<0.01	26	0.07	<2	<2	19	73	<5	<3	48
41416	<0.1	4.80	<3	58	<3	4.60	3.5	21	36	23	8.01	0.46	2.76	1891	17	<0.01	35	0.13	<2	<2	29	95	<5	<3	93
41417	0.3	2.15	<3	40	<3	5.03	1.9	11	14	5	4.93	0.35	1.95	2013	8	<0.01	21	0.08	<2	<2	14	93	<5	<3	39
41418	0.1	1.78	<3	45	<3	6.27	1.9	9	23	<1	4.56	0.33	2.19	1782	7	<0.01	13	0.06	3	<2	13	80	<5	<3	35
41419	0.1	0.74	9	25	<3	2.59	<0.1	6	56	168	2.04	0.23	0.77	755	2	<0.01	2	0.06	<2	<2	4	60	<5	<3	8
41420	<0.1	0.71	<3	24	<3	2.25	<0.1	7	35	32	2.59	0.24	0.76	549	3	<0.01	8	0.06	<2	<2	5	47	<5	<3	9
41421	0.2	0.63	6	21	<3	2.00	<0.1	8	47	6	3.29	0.23	0.58	456	89	<0.01	19	0.29	<2	<2	6	26	<5	<3	7
41422	0.3	0.69	6	37	<3	1.74	<0.1	7	71	4	2.22	0.20	0.52	427	7	<0.01	15	0.20	<2	<2	4	50	<5	<3	5
41423	<0.1	0.69	<3	31	<3	3.91	1.2	13	89	10	3.60	0.30	1.13	875	8	<0.01	13	0.30	5	<2	6	48	<5	<3	7
41424	<0.1	0.75	<3	40	<3	1.78	<0.1	12	40	6	2.91	0.21	0.66	402	3	<0.01	7	0.09	<2	<2	6	29	<5	<3	7
41694	0.1	0.59	3	31	<3	4.04	0.4	37	10	31	2.70	0.23	1.36	931	<1	<0.01	1	0.10	<2	<2	6	70	<5	<3	4
41695	<0.1	0.53	<3	22	<3	4.18	0.9	11	8	58	2.49	0.24	1.43	982	<1	<0.01	<1	0.09	<2	<2	5	70	<5	<3	4
41696	0.1	0.63	<3	25	<3	4.37	0.5	11	11	23	2.63	0.25	1.47	1069	<1	<0.01	<1	0.10	<2	<2	6	77	<5	<3	4
41697	<0.1	2.84	<3	20	<3	2.82	1.7	25	47	34	5.22	0.31	2.09	991	8	<0.01	13	0.20	<2	<2	17	46	<5	<3	63
41698	<0.1	1.70	<3	29	<3	3.74	0.5	23	21	48	3.91	0.29	1.75	1072	2	<0.01	6	0.11	<2	<2	12	71	<5	<3	30
41699	0.1	0.50	6	22	<3	5.26	1.1	13	10	46	3.04	0.27	1.60	1348	<1	<0.01	<1	0.14	7	<2	6	83	<5	<3	3
41700	<0.1	0.54	<3	30	<3	6.09	0.7	16	9	6	3.63	0.28	1.87	2096	<1	<0.01	<1	0.09	10	<2	7	79	<5	<3	6
41701	<0.1	1.66	<3	90	<3	3.30	1.0	14	14	11	4.08	0.32	1.63	1744	<1	<0.01	<1	0.06	<2	<2	10	61	<5	<3	26
41702	<0.1	1.86	<3	131	<3	3.58	0.6	12	12	11	4.46	0.33	1.75	1898	2	<0.01	9	0.06	<2	<2	13	64	<5	<3	29
41703	0.1	1.81	<3	140	<3	5.00	1.3	17	12	8	5.10	0.35	2.32	2814	2	<0.01	12	0.09	<2	<2	14	76	<5	<3	33
41704	0.1	2.13	<3	175	<3	3.26	0.9	14	393	<1	3.64	0.30	2.05	2321	374	<0.01	1628	0.05	<2	<2	11	58	<5	<3	29

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.

VANCOUVER LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph: (604)251-9656 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: *Raymond*

REPORT #: 900298 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 24 1990

DATE OUT: SEPT 10 1990

ATTENTION: MR. STEVE TODORUK

PAGE 3 OF 8

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
41705	<0.1	1.95	<3	43	<3	4.79	6.6	15	810	8	4.22	0.35	2.21	3939	784	<0.01	3446	0.12	<2	<2	11	85	<5	<3	37
41706	<0.1	2.44	<3	495	<3	4.54	3.2	21	31	24	4.99	0.35	2.35	2993	24	<0.01	65	0.08	<2	<2	14	88	<5	<3	51
41707	<0.1	2.46	<3	35	<3	3.94	2.3	18	16	50	4.41	0.33	2.33	3499	11	<0.01	24	0.08	<2	<2	12	64	<5	<3	52
41708	<0.1	2.49	<3	49	<3	3.58	2.4	17	11	128	4.39	0.34	2.17	3320	9	<0.01	18	0.08	<2	<2	12	63	<5	<3	53
41709	<0.1	3.39	<3	379	<3	3.78	2.7	24	15	51	4.73	0.37	2.60	3849	12	<0.01	17	0.05	<2	<2	14	88	<5	<3	62
41710	<0.1	4.31	<3	365	<3	3.57	2.3	32	25	9	5.69	0.40	3.12	4526	11	<0.01	23	0.12	<2	<2	20	154	<5	<3	81
41711	<0.1	2.56	<3	293	<3	3.63	2.6	17	17	79	4.62	0.35	2.14	3144	9	<0.01	17	0.09	<2	<2	14	77	<5	<3	48
41712	<0.1	4.07	<3	106	<3	2.59	2.3	21	22	44	5.45	0.35	2.84	3289	11	<0.01	24	0.06	<2	<2	18	70	7	<3	78
41713	<0.1	3.47	<3	84	<3	2.31	3.0	17	22	9	4.48	0.30	2.56	2942	8	<0.01	21	0.11	<2	<2	15	57	<5	<3	66
41714	<0.1	3.31	<3	109	<3	2.47	1.9	16	22	7	4.17	0.30	2.68	2542	8	<0.01	17	0.05	<2	<2	14	63	<5	<3	59
41715	<0.1	2.92	<3	26	<3	3.93	2.6	16	16	11	4.64	0.35	2.54	2550	8	<0.01	16	0.15	<2	<2	15	68	<5	<3	57
41716	<0.1	1.98	<3	24	<3	6.11	2.8	12	19	17	5.25	0.38	2.37	2432	7	<0.01	25	0.06	<2	<2	11	88	<5	<3	40
41717	<0.1	1.21	<3	59	<3	8.89	3.1	31	20	105	6.63	0.39	2.29	2531	8	<0.01	48	0.10	20	2	12	82	<5	<3	27
41718	<0.1	0.44	<3	22	<3	5.53	1.9	6	57	18	3.18	0.30	1.74	1262	7	<0.01	27	0.04	12	<2	5	47	<5	<3	9
41719	<0.1	0.42	21	22	<3	5.06	1.9	5	39	51	3.01	0.29	1.51	1846	9	<0.01	34	0.22	10	<2	5	55	<5	<3	11
41720	<0.1	0.37	14	17	<3	3.46	0.4	4	56	17	2.03	0.24	1.02	917	8	<0.01	40	0.17	8	<2	2	40	<5	<3	6
41721	<0.1	0.41	29	16	<3	3.71	<0.1	7	72	36	2.64	0.25	1.17	950	8	<0.01	48	0.11	8	<2	3	44	<5	<3	7
41722	0.3	0.37	62	18	<3	2.06	1.4	10	54	208	2.19	0.20	0.62	536	10	<0.01	45	0.11	10	<2	4	26	<5	<3	5
41723	0.7	0.36	88	18	<3	2.00	<0.1	8	91	38	2.23	0.21	0.63	510	10	<0.01	51	0.07	17	<2	2	24	<5	<3	5
41724	0.2	0.50	35	18	<3	1.44	0.1	5	99	140	1.95	0.17	0.54	521	5	<0.01	47	0.03	7	<2	<2	18	<5	<3	8
41725	1.3	0.39	72	20	<3	1.98	1.3	6	49	467	3.07	0.21	0.61	555	6	<0.01	45	0.06	15	<2	3	25	<5	<3	8
41726	2.3	0.57	361	25	<3	1.60	3.1	17	47	493	7.34	0.30	0.49	440	6	<0.01	53	0.07	30	5	10	28	<5	<3	13
41727	0.1	0.40	37	19	<3	2.32	1.2	7	73	223	2.95	0.22	0.71	561	<1	<0.01	27	0.05	12	<2	3	24	<5	<3	5
41728	0.2	0.45	31	15	<3	1.86	<0.1	7	50	248	2.90	0.21	0.69	561	<1	<0.01	24	0.05	14	<2	2	48	<5	<3	6
41729	0.1	0.40	50	13	<3	2.90	1.4	7	32	94	2.74	0.25	0.89	617	2	<0.01	21	0.05	13	<2	4	48	<5	<3	4
41730	<0.1	0.47	34	15	<3	2.02	0.5	7	30	247	1.95	0.19	0.66	418	<1	<0.01	17	0.06	9	<2	2	47	<5	<3	3
41731	1.6	0.45	4	16	<3	3.43	3.6	21	45	129	5.60	0.32	1.03	736	2	<0.01	29	0.04	21	3	8	31	<5	<3	7
41732	1.4	0.49	<3	18	<3	3.16	2.2	20	57	109	5.27	0.30	0.90	706	2	<0.01	32	0.10	18	5	7	29	<5	<3	7
41733	0.2	0.44	5	20	<3	1.92	0.3	9	37	67	3.03	0.21	0.56	443	1	<0.01	19	0.09	12	<2	5	20	<5	<3	3
41734	0.1	0.36	11	13	<3	1.97	0.5	12	31	20	2.38	0.19	0.62	442	<1	<0.01	13	0.03	12	<2	2	36	<5	<3	2
41735	0.1	0.47	13	14	<3	2.13	0.4	8	46	63	2.55	0.20	0.65	408	<1	<0.01	16	0.04	11	<2	3	55	<5	<3	3
41736	<0.1	0.47	8	16	<3	2.05	0.3	16	62	23	2.89	0.20	0.58	355	<1	<0.01	19	0.12	12	<2	4	54	<5	<3	3
41737	<0.1	0.45	<3	15	<3	2.79	2.5	18	32	24	5.01	0.27	0.74	470	1	<0.01	20	0.22	17	<2	6	49	<5	<3	5
41738	<0.1	0.50	5	20	<3	2.46	0.3	13	20	18	2.60	0.22	0.77	389	<1	<0.01	17	0.09	12	<2	4	55	<5	<3	3
41739	<0.1	0.50	<3	18	<3	3.29	1.4	14	36	18	2.61	0.24	1.04	566	<1	<0.01	12	0.12	15	<2	4	52	<5	<3	3
41740	0.2	0.56	4	21	<3	2.53	2.0	14	18	18	2.49	0.22	0.83	414	<1	<0.01	22	0.05	12	<2	5	52	<5	<3	4
41741	0.1	0.42	9	17	<3	2.71	0.6	4	48	19	2.00	0.21	0.85	522	<1	<0.01	12	0.03	16	<2	4	47	<5	<3	3
41742	<0.1	0.59	11	33	<3	3.20	0.5	8	25	19	1.90	0.23	0.88	595	2	<0.01	18	0.21	11	<2	3	50	<5	<3	3
41743	<0.1	0.39	12	31	<3	2.51	0.7	6	26	19	1.84	0.19	0.82	522	<1	<0.01	12	0.03	12	<2	2	50	<5	<3	3

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 ANALYSIS RESULTS - Further Analyses By Alternative Methods Suggested

JAI SOIL EM. 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: *Raymond L.*

REPORT #: 900298 PA

PAMICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 24 1990

DATE OUT: SEPT 10 1990

ATTENTION: MR. STEVE TODORUK

PAGE 4 OF 8

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
41744	<0.1	0.48	<3	38	<3	2.10	1.5	13	33	21	2.62	0.21	0.73	408	10	<0.01	33	0.08	8	<2	6	48	<5	<3	13
41745	<0.1	0.53	<3	26	<3	2.49	0.5	8	61	11	2.08	0.21	0.78	567	4	<0.01	19	0.02	<2	<2	5	56	<5	<3	10
41746	<0.1	0.58	<3	28	<3	2.70	1.7	11	53	14	2.90	0.24	0.74	502	14	<0.01	16	0.16	5	<2	7	61	<5	<3	8
41747	<0.1	0.56	<3	27	<3	3.66	1.3	11	21	4	3.23	0.27	0.92	678	9	<0.01	11	0.07	8	<2	7	84	<5	<3	10
41748	<0.1	0.56	<3	45	<3	3.07	1.7	12	29	7	3.05	0.26	0.81	611	17	<0.01	27	0.08	9	<2	7	73	<5	<3	10
41749	<0.1	0.53	<3	30	<3	2.37	1.9	10	49	6	2.75	0.23	0.75	572	7	<0.01	23	0.08	6	<2	5	41	<5	<3	8
41750	<0.1	0.53	7	31	<3	2.59	1.5	9	51	5	2.45	0.24	0.82	564	7	<0.01	24	0.07	7	<2	5	40	<5	<3	7
41752	<0.1	0.42	<3	31	<3	2.09	0.5	10	24	4	2.50	0.21	0.72	622	8	<0.01	30	0.06	5	<2	5	32	<5	8	6
41753	<0.1	0.50	<3	38	<3	2.32	1.5	17	30	21	3.62	0.24	0.78	544	56	<0.01	25	0.05	10	<2	7	35	<5	<3	7
41754	<0.1	0.43	5	29	<3	2.30	0.8	4	42	7	1.61	0.20	0.86	502	6	<0.01	8	0.02	4	<2	4	35	<5	<3	5
41755	<0.1	0.56	6	39	<3	1.51	1.0	6	53	4	1.48	0.18	0.53	277	5	<0.01	14	0.03	3	<2	4	46	<5	<3	4
41756	<0.1	0.56	<3	55	<3	2.03	0.8	6	30	4	1.82	0.21	0.78	334	9	<0.01	13	0.03	4	<2	5	42	<5	<3	6
41757	<0.1	0.45	<3	52	<3	1.94	1.0	4	26	2	1.50	0.19	0.74	294	8	<0.01	10	0.03	<2	<2	4	38	<5	<3	4
41758	<0.1	0.66	9	61	<3	1.82	0.8	5	41	3	1.69	0.21	0.70	291	4	<0.01	8	0.02	<2	<2	4	40	<5	<3	5
41759	<0.1	0.53	<3	35	<3	3.99	2.1	5	29	3	2.60	0.29	1.45	605	6	<0.01	10	0.01	7	<2	5	60	<5	<3	9
41760	<0.1	0.55	5	34	<3	2.13	0.7	5	62	4	1.88	0.22	0.86	323	3	<0.01	8	0.02	<2	<2	5	41	14	<3	6
41761	<0.1	0.59	<3	35	<3	2.56	1.6	8	54	8	2.73	0.25	1.00	433	5	<0.01	13	0.02	4	<2	6	46	<5	<3	8
41762	<0.1	0.48	9	30	<3	2.21	0.7	9	32	5	1.92	0.22	0.90	391	6	<0.01	17	0.02	3	<2	3	47	<5	<3	6
41763	<0.1	0.46	6	35	<3	2.39	0.6	7	34	2	2.04	0.22	0.98	443	5	<0.01	14	0.03	4	<2	4	47	<5	<3	7
41764	<0.1	0.45	7	31	<3	2.09	0.9	4	64	4	1.46	0.20	0.86	396	4	<0.01	11	0.02	2	<2	4	40	17	<3	6
41765	<0.1	0.59	11	38	<3	1.76	1.1	3	56	12	1.19	0.17	0.73	334	5	<0.01	15	0.02	<2	<2	2	45	<5	<3	6
41766	<0.1	0.46	9	24	<3	1.77	0.8	1	36	1	1.00	0.16	0.75	346	5	<0.01	11	<0.01	<2	<2	3	41	<5	<3	6
41767	<0.1	0.47	5	32	<3	2.16	0.8	4	38	6	1.71	0.20	0.91	409	5	<0.01	14	0.01	<2	<2	3	49	<5	<3	8
41768	<0.1	0.50	11	26	<3	2.09	1.1	2	53	<1	1.18	0.20	0.87	375	7	<0.01	9	<0.01	3	<2	2	45	<5	<3	6
41769	<0.1	0.51	7	67	<3	2.05	1.0	4	66	4	1.52	0.20	0.87	365	5	<0.01	14	<0.01	<2	<2	4	49	<5	<3	6
41770	<0.1	0.52	<3	32	<3	2.05	0.9	5	31	34	1.79	0.21	0.86	413	15	<0.01	17	0.01	<2	<2	5	45	<5	<3	6
41771	<0.1	0.45	9	26	<3	2.08	0.7	8	34	11	2.18	0.21	0.83	410	7	<0.01	22	0.02	3	<2	3	45	<5	<3	7
41772	<0.1	0.58	8	33	<3	2.00	1.0	5	50	16	1.48	0.20	0.84	379	5	<0.01	15	0.02	<2	<2	3	51	<5	<3	7
41773	<0.1	0.45	10	23	<3	2.11	1.0	3	36	<1	1.49	0.21	0.88	303	4	<0.01	10	0.01	<2	<2	3	48	<5	<3	9
41774	<0.1	0.58	7	42	<3	2.14	0.9	5	37	<1	1.73	0.23	0.85	314	6	<0.01	13	0.02	4	<2	3	48	<5	<3	8
41775	<0.1	0.69	<3	57	<3	1.89	0.9	6	51	<1	1.81	0.21	0.82	245	5	<0.01	10	0.02	<2	<2	3	48	<5	<3	7
41776	<0.1	1.42	<3	122	<3	2.66	1.9	12	68	31	2.46	0.25	1.63	462	8	<0.01	29	0.02	<2	<2	7	111	<5	<3	23
41777	<0.1	1.72	5	189	<3	3.54	1.6	16	82	33	2.66	0.28	1.83	573	9	<0.01	32	0.03	<2	<2	8	172	<5	<3	27
41778	<0.1	0.54	19	44	<3	2.24	1.0	5	63	<1	1.38	0.20	0.81	288	4	<0.01	14	0.02	<2	<2	<2	46	<5	<3	5
41779	<0.1	0.66	15	36	<3	2.35	0.8	6	52	<1	1.71	0.23	0.98	351	6	<0.01	15	0.02	<2	<2	3	49	<5	<3	7
41780	<0.1	0.49	33	33	<3	1.94	1.5	9	32	4	2.75	0.23	0.79	431	6	<0.01	18	0.02	8	<2	5	41	36	<3	7
41781	<0.1	0.52	3	39	<3	2.19	1.8	7	34	<1	2.40	0.23	0.93	528	8	<0.01	20	0.02	3	<2	3	48	<5	<3	7
41782	<0.1	0.56	9	52	<3	1.91	2.0	7	68	2	2.04	0.21	0.75	451	9	<0.01	30	0.01	<2	<2	3	41	<5	<3	6
41783	<0.1	0.51	<3	49	<3	1.62	4.5	6	70	<1	2.01	0.18	0.65	302	21	<0.01	83	0.02	<2	<2	3	43	<5	<3	5

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, 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 #: 900298 PA

PAHICOM DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 24 1990

DATE OUT: SEPT 10 1990

ATTENTION: MR. STEVE TOBORUK

PAGE 5 OF 8

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
41784	0.2	0.54	3	38	<3	1.91	0.4	3	29	4	1.62	0.19	0.70	362	5	<0.01	12	0.03	<2	<2	5	65	<5	<3	6
41785	<0.1	0.50	<3	10	<3	2.43	1.9	8	27	4	4.35	0.28	0.82	437	6	<0.01	10	0.08	11	<2	9	69	<5	<3	8
41786	<0.1	0.63	<3	21	<3	2.43	1.1	7	38	4	3.40	0.26	0.84	498	3	<0.01	6	0.08	<2	<2	7	64	<5	<3	7
41787	<0.1	0.65	<3	25	<3	2.31	1.1	8	51	2	3.19	0.26	0.80	424	3	<0.01	8	0.09	<2	<2	6	71	<5	<3	6
41788	<0.1	0.57	<3	25	<3	2.48	1.4	10	25	3	3.27	0.26	0.86	437	3	<0.01	8	0.08	3	<2	6	75	<5	<3	7
41789	0.1	0.54	<3	16	<3	2.62	<0.1	8	26	3	3.03	0.25	0.89	484	3	<0.01	8	0.09	4	<2	6	83	<5	<3	7
41790	<0.1	0.59	<3	45	<3	2.52	0.8	6	38	3	2.66	0.24	0.85	438	3	<0.01	8	0.08	3	<2	5	71	<5	<3	7
41791	<0.1	0.61	<3	21	<3	3.44	1.4	7	27	34	3.51	0.29	1.15	679	4	<0.01	9	0.09	4	<2	7	79	<5	<3	10
41792	<0.1	0.60	<3	48	<3	3.06	0.7	11	59	66	3.38	0.28	1.07	619	3	<0.01	10	0.10	6	<2	8	64	<5	<3	9
41793	<0.1	0.62	<3	36	<3	2.16	<0.1	7	46	6	2.67	0.23	0.73	418	2	<0.01	9	0.08	<2	<2	6	63	<5	<3	6
41794	<0.1	0.53	<3	31	<3	2.00	0.8	10	33	10	2.72	0.21	0.72	363	2	<0.01	9	0.08	<2	<2	4	68	<5	<3	7
41795	<0.1	0.96	<3	51	<3	3.56	<0.1	2	60	6	1.63	0.25	1.15	609	6	<0.01	12	0.37	<2	<2	6	68	<5	<3	9
41796	<0.1	0.53	5	31	<3	1.63	<0.1	9	73	2	1.20	0.17	0.68	308	1	<0.01	9	<0.01	<2	<2	4	37	<5	<3	6
41797	<0.1	0.65	<3	43	<3	2.20	<0.1	9	67	3	1.61	0.21	0.89	445	2	<0.01	9	0.01	<2	<2	4	35	<5	<3	8
41798	<0.1	0.55	10	42	<3	1.88	<0.1	2	32	2	1.32	0.18	0.73	391	2	<0.01	9	0.03	<2	<2	3	34	<5	<3	7
41799	<0.1	0.59	<3	29	<3	1.81	<0.1	1	40	2	1.12	0.18	0.74	363	2	<0.01	4	<0.01	<2	<2	4	39	<5	<3	5
41800	<0.1	0.55	<3	70	<3	1.09	<0.1	6	63	5	1.41	0.15	0.46	214	<1	<0.01	4	<0.01	<2	<2	3	28	<5	<3	4
41801	<0.1	0.59	7	84	<3	2.63	<0.1	4	56	2	1.60	0.22	1.03	730	1	<0.01	6	0.02	<2	<2	4	48	<5	<3	7
41802	<0.1	0.48	<3	41	<3	1.80	<0.1	1	34	3	1.06	0.17	0.72	411	3	<0.01	6	0.02	<2	<2	4	34	<5	<3	6
41803	<0.1	0.43	15	35	<3	1.90	<0.1	5	34	3	1.34	0.18	0.72	464	3	<0.01	4	0.02	<2	<2	4	21	<5	<3	5
41804	<0.1	0.59	<3	100	<3	1.30	<0.1	<1	56	4	0.82	0.15	0.53	336	3	<0.01	9	0.02	<2	<2	2	48	<5	<3	5
41805	<0.1	0.51	15	83	<3	1.61	<0.1	<1	65	3	1.13	0.16	0.69	492	2	<0.01	3	0.02	<2	<2	4	50	<5	<3	4
41806	<0.1	0.49	6	61	<3	1.75	<0.1	<1	28	2	0.96	0.17	0.72	496	3	<0.01	3	0.02	<2	<2	3	84	<5	<3	3
41807	<0.1	0.47	4	96	<3	1.83	<0.1	2	36	2	1.17	0.17	0.75	460	5	<0.01	4	0.02	<2	<2	3	47	<5	<3	5
41808	<0.1	0.60	<3	259	<3	1.91	<0.1	1	56	2	1.03	0.19	0.76	525	4	<0.01	3	0.02	<2	<2	4	52	<5	<3	5
41809	<0.1	0.43	8	75	<3	2.43	<0.1	3	73	5	1.19	0.19	0.66	388	2	<0.01	2	0.02	<2	<2	3	115	<5	<3	5
41810	<0.1	0.55	<3	107	<3	1.99	<0.1	<1	34	2	0.82	0.17	0.73	404	4	<0.01	2	0.02	<2	<2	3	101	<5	<3	4
41811	<0.1	0.48	<3	65	<3	2.61	<0.1	<1	30	2	1.11	0.18	0.91	511	3	<0.01	3	0.02	<2	<2	4	125	<5	<3	10
41812	<0.1	0.57	<3	48	<3	1.91	<0.1	<1	55	2	0.86	0.17	0.77	454	1	<0.01	<1	0.02	<2	<2	4	41	<5	<3	6
41813	<0.1	0.55	<3	44	<3	2.86	<0.1	<1	29	2	1.14	0.20	0.97	589	2	<0.01	3	0.02	<2	<2	2	100	<5	<3	6
41814	<0.1	0.51	<3	36	<3	2.54	<0.1	<1	61	2	0.86	0.18	0.73	465	6	<0.01	<1	0.02	<2	<2	2	83	<5	<3	5
41815	<0.1	0.54	10	62	<3	2.01	<0.1	<1	48	2	0.82	0.16	0.75	359	4	<0.01	3	0.02	<2	<2	2	59	<5	<3	4
41816	<0.1	0.48	<3	68	<3	1.78	<0.1	<1	33	2	0.84	0.16	0.68	291	1	<0.01	3	0.02	<2	<2	2	43	<5	<3	4
41817	<0.1	0.55	<3	74	<3	2.78	<0.1	2	39	3	1.30	0.20	0.97	463	2	<0.01	4	0.03	<2	<2	3	77	<5	<3	5
41818	<0.1	0.57	<3	56	<3	1.97	<0.1	2	65	2	1.11	0.18	0.76	437	<1	<0.01	1	0.03	<2	<2	3	28	<5	<3	4
41819	<0.1	0.54	<3	67	<3	2.11	<0.1	7	60	3	1.62	0.19	0.81	431	<1	<0.01	4	0.02	<2	<2	4	59	<5	<3	4
41820	<0.1	0.45	6	36	<3	1.70	<0.1	2	28	5	1.15	0.16	0.68	356	2	<0.01	3	0.02	<2	<2	2	20	<5	<3	2
41821	<0.1	0.51	22	47	<3	2.25	<0.1	3	27	21	1.84	0.19	0.91	537	2	<0.01	3	0.02	<2	<2	4	20	<5	<3	6
41822	<0.1	0.43	15	35	<3	2.04	<0.1	<1	49	2	0.81	0.16	0.87	409	10	<0.01	7	0.03	<2	<2	3	20	<5	<3	5

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.

JALBOUJEN 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: *Rayville*

REPORT #: 900298 PA

PAMICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 24 1990

DATE OUT: SEPT 10 1990

ATTENTION: MR. STEVE TOBORUK

PAGE 6 OF 8

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
41901	<0.1	0.51	23	72	<3	1.30	0.7	3	56	2	1.43	0.14	0.61	241	4	<0.01	6	<0.01	<2	<2	5	31	<5	<3	6
41902	<0.1	0.76	<3	52	<3	2.64	0.2	5	23	2	1.96	0.23	0.97	534	4	<0.01	4	0.10	<2	<2	5	37	<5	<3	10
41903	<0.1	0.71	<3	36	<3	2.68	0.9	6	20	6	2.15	0.23	0.82	577	5	<0.01	6	0.11	<2	<2	5	39	<5	<3	10
41904	<0.1	0.70	5	38	<3	2.86	1.2	9	24	1	2.59	0.24	1.01	614	4	<0.01	5	0.11	3	<2	7	33	<5	<3	10
41905	<0.1	0.68	<3	36	<3	3.35	1.5	9	44	1	3.10	0.25	1.09	575	5	<0.01	5	0.10	5	<2	8	38	<5	<3	9
41906	<0.1	0.95	<3	44	<3	3.05	1.5	6	18	3	2.69	0.25	1.17	525	6	<0.01	5	0.11	<2	<2	7	42	<5	<3	10
41907	<0.1	0.94	<3	37	<3	2.99	1.4	6	26	<1	3.06	0.26	1.02	564	5	<0.01	3	0.11	<2	<2	7	35	<5	<3	12
41908	<0.1	0.73	<3	30	<3	3.07	1.4	8	20	2	3.07	0.25	1.11	545	4	<0.01	6	0.11	3	<2	8	33	<5	<3	8
41909	<0.1	0.94	<3	27	<3	2.53	1.7	8	20	1	3.18	0.23	0.93	446	5	<0.01	4	0.11	<2	<2	8	36	<5	<3	9
41910	<0.1	1.32	<3	29	<3	3.26	1.3	13	46	2	3.86	0.26	1.13	526	6	<0.01	3	0.13	<2	<2	9	57	<5	<3	16
41911	<0.1	1.38	<3	31	<3	3.07	1.6	8	34	2	3.66	0.27	1.21	501	5	<0.01	5	0.12	<2	<2	9	43	<5	<3	14
41912	<0.1	1.38	<3	39	<3	3.13	1.1	11	20	<1	3.27	0.26	0.80	478	5	<0.01	2	0.10	<2	<2	9	50	<5	<3	20
41913	<0.1	1.41	<3	39	<3	3.46	0.8	11	19	<1	3.67	0.28	0.94	544	5	<0.01	4	0.11	2	<2	9	50	<5	<3	21
41914	<0.1	1.13	<3	43	<3	3.48	0.8	6	36	4	3.26	0.27	1.21	673	5	<0.01	3	0.12	<2	<2	9	35	<5	<3	12
41915	<0.1	1.12	<3	57	<3	3.15	0.9	9	26	7	3.25	0.28	1.13	620	5	<0.01	3	0.13	<2	<2	9	38	<5	<3	9
41916	<0.1	0.76	<3	49	<3	2.65	0.7	11	21	2	3.11	0.24	0.94	463	6	<0.01	1	0.08	<2	<2	7	36	<5	<3	5
41917	<0.1	0.95	<3	52	<3	2.75	0.8	13	24	<1	3.30	0.25	0.94	525	5	<0.01	5	0.15	3	<2	8	33	<5	<3	10
41918	<0.1	0.80	5	43	<3	2.40	0.4	5	29	1	2.19	0.23	0.79	465	3	<0.01	<1	0.10	<2	<2	6	28	<5	<3	5
41919	<0.1	0.70	7	34	<3	2.18	0.6	11	18	<1	3.78	0.25	0.70	441	4	<0.01	3	0.11	5	<2	7	22	<5	<3	5
41920	<0.1	0.49	<3	31	<3	3.31	1.1	20	34	2	4.40	0.28	1.08	676	4	<0.01	<1	0.09	8	<2	8	28	<5	<3	5
41921	<0.1	0.64	<3	38	<3	3.77	0.5	8	25	<1	3.04	0.27	1.30	844	4	<0.01	8	0.09	4	<2	7	30	<5	<3	6
41922	<0.1	0.62	11	38	<3	2.94	<0.1	8	17	<1	2.62	0.25	1.06	666	4	<0.01	<1	0.10	<2	<2	5	27	<5	<3	5
41923	<0.1	0.79	7	38	<3	2.99	0.5	7	20	<1	3.15	0.24	0.92	557	5	<0.01	<1	0.10	<2	<2	7	41	<5	<3	6
41924	<0.1	0.71	4	49	<3	3.52	0.2	7	33	<1	2.29	0.25	1.23	598	4	<0.01	<1	0.19	<2	<2	6	40	<5	<3	4
41925	<0.1	0.85	10	55	<3	3.08	0.4	3	28	<1	1.63	0.23	0.83	422	5	0.05	<1	0.55	<2	<2	5	43	<5	<3	3
41926	<0.1	0.49	16	33	<3	1.76	<0.1	9	34	<1	1.12	0.16	0.60	285	4	0.02	<1	0.09	<2	<2	3	30	<5	<3	2
41927	<0.1	0.50	19	26	<3	2.25	<0.1	9	25	<1	1.76	0.19	0.65	353	3	0.01	<1	0.11	<2	<2	4	32	<5	<3	2
41928	<0.1	0.65	14	51	<3	2.42	<0.1	2	28	<1	1.52	0.20	0.91	396	2	<0.01	<1	0.11	<2	<2	5	29	<5	<3	2
41929	<0.1	0.52	10	35	<3	2.85	0.2	13	33	<1	3.27	0.26	1.01	528	4	<0.01	<1	0.09	5	<2	6	26	<5	<3	4
41930	0.2	0.72	32	29	<3	2.80	<0.1	8	15	61	3.94	0.27	1.01	532	4	<0.01	<1	0.09	7	<2	7	25	<5	<3	5
41931	<0.1	0.56	11	37	<3	2.83	<0.1	2	14	<1	1.93	0.23	1.01	487	3	<0.01	<1	0.10	<2	<2	5	31	<5	<3	3
41932	<0.1	0.73	6	37	<3	2.91	<0.1	3	26	<1	2.79	0.24	1.02	513	3	<0.01	<1	0.13	<2	<2	6	31	<5	<3	3
41933	<0.1	0.78	<3	38	<3	3.14	0.5	5	15	<1	2.83	0.27	1.22	503	4	<0.01	<1	0.13	<2	<2	7	32	<5	<3	5
41934	<0.1	0.95	<3	45	<3	2.74	<0.1	4	37	<1	3.06	0.26	1.19	454	4	<0.01	<1	0.13	<2	<2	8	41	<5	<3	6
41935	<0.1	0.93	3	50	<3	2.68	<0.1	2	25	<1	2.49	0.24	1.05	413	2	<0.01	<1	0.13	<2	<2	6	43	<5	<3	5
41936	<0.1	1.17	<3	43	<3	2.91	<0.1	3	17	<1	2.59	0.25	1.01	425	4	<0.01	<1	0.10	<2	<2	6	46	<5	<3	12
41937	<0.1	1.05	<3	43	<3	2.34	<0.1	2	20	<1	2.24	0.22	1.02	387	3	<0.01	<1	0.10	<2	<2	6	39	<5	<3	11
41938	<0.1	0.71	7	36	<3	2.77	<0.1	2	31	<1	2.10	0.22	1.08	459	2	<0.01	<1	0.11	<2	<2	5	35	<5	<3	7
41939	<0.1	0.52	8	30	<3	2.80	<0.1	3	22	<1	2.24	0.22	1.06	481	2	<0.01	<1	0.10	<2	<2	4	36	<5	<3	4

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 10.00 20000 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 Alternative Methods Suggested

IMPRIME AU CANADA

IMPRIME AU CANADA

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: *Raymond Lee*

REPORT #: 900298 PA PANICON DEVELOPMENTS LTD. PROJECT: JAZZMAN DATE IN: AUG 24 1990 DATE OUT: SEPT 10 1990 ATTENTION: MR. STEVE TODORUK PAGE 7 OF 8

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
41940	<0.1	0.60	<3	34	<3	2.47	<0.1	1	18	3	1.51	0.23	0.86	462	5	<0.01	7	0.10	4	<2	4	37	<5	<3	8
41941	0.1	0.72	16	41	<3	2.60	0.9	2	14	13	1.95	0.24	0.91	516	3	<0.01	2	0.10	<2	<2	5	38	<5	<3	10
41942	<0.1	0.85	15	43	<3	2.30	0.6	3	32	38	2.58	0.25	0.79	474	2	<0.01	5	0.09	<2	<2	5	35	<5	<3	11
41943	<0.1	0.72	<3	39	<3	3.08	0.8	2	24	4	1.89	0.25	1.14	551	2	<0.01	2	0.10	<2	<2	4	34	<5	<3	5
41944	<0.1	0.66	<3	39	<3	2.58	3.8	3	570	25	1.45	0.23	0.89	477	571	<0.01	2309	0.10	<2	<2	4	40	<5	<3	6
41945	0.7	0.65	69	40	<3	2.61	0.1	2	19	298	2.07	0.25	0.97	522	10	<0.01	11	0.09	8	<2	6	29	<5	<3	17
41946	<0.1	0.58	<3	32	<3	2.63	0.3	3	38	8	3.03	0.25	0.98	376	1	<0.01	<1	0.09	<2	<2	5	37	<5	<3	7
41947	<0.1	0.52	13	26	<3	2.37	<0.1	<1	40	4	1.15	0.19	0.82	300	<1	<0.01	<1	0.15	<2	<2	3	39	<5	<3	4
41948	<0.1	0.63	16	33	<3	2.66	<0.1	2	15	4	1.34	0.22	0.88	311	<1	<0.01	<1	0.23	<2	<2	3	43	<5	<3	3
41949	<0.1	0.73	6	39	<3	2.34	<0.1	3	29	6	1.14	0.21	0.77	266	<1	0.01	<1	0.25	<2	<2	3	42	<5	<3	2
41950	<0.1	0.75	5	36	<3	3.00	<0.1	5	20	16	1.34	0.23	0.83	362	<1	<0.01	<1	0.46	<2	<2	4	45	<5	<3	4
41976	<0.1	0.75	<3	33	<3	4.04	<0.1	9	59	10	3.74	0.29	0.77	1028	6	<0.01	16	0.03	<2	<2	6	67	<5	<3	9
41977	<0.1	0.57	<3	47	<3	2.00	<0.1	7	33	8	2.28	0.20	0.76	457	3	<0.01	5	0.03	<2	<2	4	26	<5	<3	2
41978	<0.1	0.77	<3	44	<3	3.43	<0.1	7	24	7	2.43	0.24	0.97	874	2	<0.01	<1	0.01	<2	<2	4	47	<5	<3	13
41979	<0.1	1.00	18	86	<3	2.30	<0.1	5	64	8	2.38	0.24	0.97	634	3	<0.01	<1	0.02	<2	<2	6	33	<5	<3	11
41980	<0.1	0.65	10	63	<3	2.17	<0.1	2	30	7	1.43	0.21	0.79	697	<1	<0.01	<1	0.05	<2	<2	3	32	<5	<3	1
41981	<0.1	0.55	9	38	<3	1.99	<0.1	3	73	10	1.48	0.19	0.68	563	1	<0.01	<1	0.02	<2	<2	2	31	<5	<3	<1
41982	<0.1	0.53	<3	35	<3	2.08	<0.1	11	29	7	2.36	0.20	0.82	510	2	<0.01	<1	0.02	2	<2	3	30	<5	<3	2
41983	<0.1	0.54	12	38	<3	2.94	<0.1	2	49	6	1.83	0.23	1.10	687	<1	<0.01	<1	0.02	<2	<2	3	43	<5	<3	1
41984	<0.1	0.63	9	45	<3	2.92	<0.1	10	87	17	2.58	0.25	1.13	558	<1	<0.01	<1	0.02	2	<2	5	68	<5	<3	4
41985	<0.1	0.97	6	119	<3	4.30	<0.1	<1	26	9	1.68	0.26	1.02	937	<1	<0.01	<1	0.02	3	<2	6	71	<5	<3	11
41986	<0.1	0.82	12	83	<3	2.40	<0.1	7	50	8	1.94	0.22	0.83	556	<1	<0.01	<1	0.04	<2	<2	4	44	<5	<3	6
41987	<0.1	0.64	<3	44	<3	2.80	<0.1	10	33	9	2.60	0.25	0.79	630	<1	<0.01	<1	0.04	5	<2	5	47	<5	<3	4
41988	<0.1	0.94	<3	86	<3	2.73	<0.1	11	42	15	2.45	0.25	0.92	571	<1	<0.01	<1	0.04	<2	<2	5	47	<5	<3	3
41989	<0.1	0.78	10	61	<3	2.70	<0.1	5	95	11	1.86	0.23	0.94	650	<1	<0.01	<1	0.03	3	<2	5	48	<5	<3	4
41990	<0.1	0.53	14	79	<3	1.94	<0.1	<1	55	8	1.13	0.18	0.71	412	<1	<0.01	<1	<0.01	11	<2	3	37	<5	<3	<1
41991	<0.1	0.45	17	30	<3	2.21	<0.1	4	24	10	1.54	0.20	0.82	448	<1	<0.01	<1	<0.01	4	<2	2	34	<5	<3	<1
41992	<0.1	0.58	9	32	<3	2.13	<0.1	12	34	11	3.00	0.22	0.75	393	1	<0.01	4	0.01	5	<2	4	35	<5	<3	<1
41993	<0.1	0.53	9	29	<3	4.38	<0.1	9	76	14	2.93	0.27	1.34	1044	<1	<0.01	<1	<0.01	6	<2	4	52	<5	<3	5
41994	0.1	0.57	16	44	<3	2.87	<0.1	12	28	38	3.55	0.26	0.92	738	5	<0.01	14	0.04	10	<2	6	38	<5	<3	<1
41995	<0.1	0.50	8	29	<3	3.35	<0.1	4	19	15	2.41	0.24	0.99	1281	<1	<0.01	<1	0.04	3	<2	4	38	<5	<3	<1
41996	0.1	0.66	7	28	<3	2.84	<0.1	4	22	11	2.55	0.25	0.95	806	<1	<0.01	<1	0.16	<2	<2	4	47	<5	<3	<1
41997	<0.1	0.59	3	65	<3	2.06	<0.1	7	63	13	2.00	0.21	0.83	536	<1	<0.01	<1	0.02	3	<2	3	34	<5	<3	<1
41998	<0.1	0.68	<3	96	<3	4.14	<0.1	3	73	17	2.33	0.26	1.40	1293	<1	<0.01	<1	0.02	7	<2	4	143	<5	<3	7
41999	0.1	0.53	19	74	<3	2.04	<0.1	7	23	10	1.37	0.20	0.85	456	<1	<0.01	<1	0.02	<2	<2	2	43	<5	<3	<1
42000	<0.1	0.52	32	72	<3	1.68	<0.1	<1	27	10	1.42	0.18	0.69	468	<1	<0.01	<1	0.02	<2	<2	2	30	<5	<3	<1
42251	0.1	0.68	25	42	<3	2.76	<0.1	<1	20	24	1.44	0.24	0.90	426	<1	<0.01	<1	0.07	<2	<2	<2	35	<5	<3	<1
42252	0.2	0.75	61	45	<3	2.40	<0.1	2	5	225	2.41	0.25	0.82	484	<1	<0.01	<1	0.08	9	<2	4	30	<5	<3	<1
42253	<0.1	0.84	37	45	<3	2.45	<0.1	<1	45	84	1.23	0.23	0.52	369	<1	<0.01	<1	0.55	<2	<2	3	26	<5	<3	<1

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.

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 L.*

REPORT #: 900298 PA

PANTICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 24 1990

DATE OUT: SEPT 10 1990

ATTENTION: MR. STEVE TODORUK

PAGE 8 OF 8

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
42254	0.1	0.57	9	37	<3	1.95	0.9	6	31	17	1.78	0.19	0.66	451	5	<0.01	7	0.06	5	<2	5	29	<5	<3	9
42255	<0.1	1.05	<3	32	<3	2.70	1.6	14	18	9	3.26	0.26	1.17	562	6	0.02	11	0.03	3	<2	8	31	<5	<3	15
42256	<0.1	0.61	8	31	<3	2.30	1.3	13	38	32	3.33	0.23	0.79	416	7	0.01	16	0.04	8	<2	6	32	<5	<3	8
42257	<0.1	0.50	4	33	<3	2.22	0.4	3	73	5	1.68	0.20	0.81	434	5	<0.01	3	0.01	5	<2	3	27	<5	<3	6
42258	<0.1	0.59	48	37	<3	1.36	0.4	2	46	57	2.05	0.17	0.54	317	4	<0.01	2	0.01	9	<2	5	23	<5	<3	7
42259	<0.1	0.70	<3	34	<3	2.61	1.6	8	30	21	3.62	0.26	0.84	480	6	<0.01	5	0.10	6	<2	6	53	<5	<3	9
42260	0.1	0.42	15	24	<3	1.65	0.9	<1	33	2	1.32	0.15	0.60	285	4	<0.01	<1	0.01	2	<2	3	32	<5	<3	6
42261	<0.1	0.61	<3	32	<3	2.39	1.3	5	44	3	3.29	0.22	0.78	433	5	<0.01	<1	0.08	6	<2	6	48	<5	<3	8
42262	<0.1	0.54	<3	35	<3	2.05	0.1	8	50	36	3.09	0.21	0.65	352	7	<0.01	2	0.08	8	<2	5	42	<5	<3	8
42263	<0.1	0.64	<3	47	<3	2.52	1.2	9	25	3	3.03	0.24	0.93	493	6	0.02	3	0.04	6	<2	6	31	<5	<3	8
42264	<0.1	0.61	<3	335	<3	3.56	<0.1	4	17	4	2.30	0.24	1.23	599	5	0.01	5	0.02	<2	<2	4	46	<5	<3	6
42265	0.2	0.88	<3	214	<3	2.96	<0.1	12	25	15	2.55	0.24	1.19	494	5	0.01	<1	0.02	2	<2	4	187	<5	<3	7
42266	<0.1	0.65	5	104	<3	4.07	<0.1	3	30	1	2.19	0.24	1.41	755	5	0.01	<1	0.01	7	<2	5	42	<5	<3	5
42267	<0.1	1.76	<3	177	<3	2.34	1.1	6	16	2	2.85	0.24	1.54	461	8	0.02	4	0.01	<2	<2	9	99	<5	<3	17
42268	<0.1	1.99	<3	122	<3	1.80	1.1	4	27	<1	2.72	0.22	1.52	332	8	0.02	2	0.02	<2	<2	9	23	<5	<3	19
42269	<0.1	1.12	<3	61	<3	1.90	<0.1	7	19	7	2.68	0.20	1.16	295	6	0.02	<1	0.04	<2	<2	6	25	<5	<3	10
42270	<0.1	0.69	<3	99	<3	2.39	0.4	3	12	6	1.43	0.20	1.06	331	5	<0.01	<1	0.03	<2	<2	3	35	<5	<3	5
42271	<0.1	0.57	5	89	<3	1.95	0.5	<1	38	<1	1.02	0.17	0.80	324	4	<0.01	<1	0.02	<2	<2	<2	27	<5	<3	2
42272	<0.1	0.84	<3	102	<3	2.50	<0.1	3	24	5	1.57	0.19	1.15	403	4	0.01	<1	0.01	<2	<2	3	29	<5	<3	4
42273	<0.1	0.56	3	47	<3	1.92	0.5	2	19	2	1.13	0.17	0.75	323	4	<0.01	<1	0.01	<2	<2	<2	24	<5	<3	1

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.

IMPRIE AU CANADA

1630 PANDORA STREET
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(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
~~1908 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 31 1990

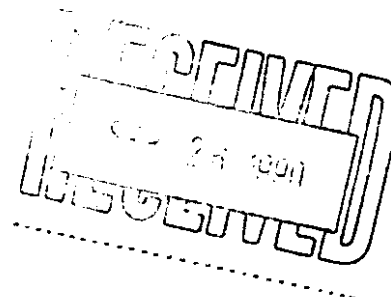
REPORT#: 900310 GA
JOB#: 900310

PROJECT#: JAZZMAN
SAMPLES ARRIVED: AUG 27 1990
REPORT COMPLETED: AUG 31 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900310 NA
TOTAL SAMPLES: 141
SAMPLE TYPE: 141 CORE
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.

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

REPORT NUMBER: 900310 GA

JOB NUMBER: 900310

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 4

SAMPLE #	Au
	ppb
42351	nd
42352	20
42353	nd
42354	nd
42355	10
42356	40
42357	20
42358	nd
42359	20
42360	30
42361	10
42362	20
42363	10
42364	20
42365	30
42366	nd
42367	10
42368	10
42369	20
42370	30
42371	20
42372	10
42373	20
42374	10
42375	20
42376	30
42377	nd
42378	nd
42379	100
42380	100
42381	60
42382	nd
42383	nd
42384	20
42385	40
42386	40
42387	640
42388	70
42389	80

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

1630 PANDORA STREET
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BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900310 GA

JOB NUMBER: 900310

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 4

SAMPLE #	Ag ppb
42390	110
42391	290
42392	20
42393	170
42394	130
42395	40
42396	10
42397	40
42398	20
42399	10
42400	10
42401	20
42402	nd
42403	40
42404	40
42405	50
42406	20
42407	10
42408	20
42409	20
42410	20
42411	10
42412	10
42413	20
42414	30
42415	950
42416	30
42417	114
42418	70
42419	160
42420	30
42421	10
42422	30
42423	30
42424	20
42425	70
42426	10
42427	10
42428	40

DETECTION LIMIT 5
nd = none detected -- = 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
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BRANCH OFFICES
PASADENA, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900310 GA

JOB NUMBER: 900310

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 4

SAMPLE #	μg ppb
42351	nd
42352	20
42353	nd
42354	nd
42355	10
42356	40
42357	20
42358	nd
42359	20
42360	30
42361	10
42362	20
42363	10
42364	20
42365	30
42366	nd
42367	10
42368	10
42369	20
42370	30
42371	20
42372	10
42373	20
42374	10
42375	20
42376	30
42377	nd
42378	nd
42379	100
42380	100
42381	60
42382	nd
42383	nd
42384	20
42385	40
42386	40
42387	640
42388	70
42389	80

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

JALLOUEN 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.

RECEIVED
SEP 26 1990
ANALYST [Signature]

REPORT #: 900310 PA

PANTICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 27 1990

DATE OUT: SEPT 24 1990

ATTENTION: MR. STEVE TODORUK

PAGE 1 OF 4

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
42351	<0.1	2.08	<3	22	<3	4.63	15.6	27	498	89	4.69	0.04	2.51	1573	460	0.11	2369	0.08	32	5	<2	73	<5	<3	62
42352	<0.1	1.32	24	30	<3	3.97	4.6	26	26	159	3.33	0.11	1.56	1197	13	0.07	45	0.11	35	<2	<2	72	<5	<3	50
42353	<0.1	2.49	<3	25	<3	5.14	3.2	32	13	53	5.06	0.06	2.20	1354	6	0.10	18	0.09	31	12	<2	87	<5	<3	63
42354	<0.1	2.14	<3	24	<3	3.67	2.1	40	15	40	4.82	0.09	2.00	1102	5	0.09	16	0.09	31	9	4	71	<5	<3	52
42355	<0.1	2.51	<3	29	<3	2.50	1.6	26	14	73	5.26	0.04	2.38	973	5	0.10	17	0.09	29	12	<2	40	<5	<3	53
42356	<0.1	2.10	<3	28	<3	5.47	0.9	16	9	42	4.20	0.10	2.33	1441	4	0.09	12	0.08	23	3	<2	97	<5	<3	43
42357	<0.1	0.91	14	24	<3	6.74	1.9	37	20	23	5.89	0.03	2.29	1744	6	0.10	14	0.07	43	<2	6	89	<5	<3	33
42358	<0.1	0.89	5	29	<3	6.31	1.0	14	14	90	3.29	0.09	1.73	1738	3	0.06	8	0.07	17	<2	3	93	<5	<3	17
42359	<0.1	0.94	15	26	<3	5.85	0.8	23	11	82	3.87	0.09	2.05	1503	4	0.07	9	0.08	14	<2	2	100	<5	<3	17
42360	<0.1	1.18	49	28	<3	5.15	2.6	34	11	45	4.59	0.07	1.71	1304	5	0.08	14	0.08	19	<2	2	104	<5	<3	40
42361	<0.1	1.36	11	42	<3	6.41	1.6	16	20	48	3.91	0.05	1.97	1496	3	0.08	13	0.07	16	<2	<2	92	<5	<3	22
42362	<0.1	1.90	8	42	<3	5.18	0.5	26	16	67	3.58	0.11	1.34	1166	4	0.07	16	0.09	19	<2	<2	100	<5	<3	36
42363	<0.1	2.55	<3	28	<3	2.87	1.7	24	14	65	5.20	0.05	1.83	1120	4	0.09	17	0.09	28	9	3	75	<5	<3	54
42364	<0.1	1.19	26	37	<3	6.64	0.7	28	9	52	3.23	0.04	1.64	1703	4	0.06	12	0.09	16	<2	<2	98	<5	<3	18
42365	<0.1	2.20	<3	357	<3	6.55	2.3	22	25	70	5.59	<0.01	2.73	2210	4	0.11	19	0.08	24	8	<2	117	<5	<3	59
42366	<0.1	2.41	<3	113	<3	4.95	1.7	22	23	4	5.03	0.08	2.46	1571	4	0.10	22	0.09	23	9	3	109	<5	<3	55
42367	<0.1	2.31	<3	112	<3	3.94	1.6	13	10	10	5.26	0.04	2.58	1131	4	0.10	16	0.07	22	7	4	66	<5	<3	49
42368	<0.1	0.65	23	40	<3	6.08	1.2	9	9	224	3.00	0.06	1.63	1385	2	0.06	12	0.07	6	<2	<2	95	<5	<3	8
42369	<0.1	0.07	<3	6	<3	>10.00	2.8	3	16	12	7.27	<0.01	5.86	4152	4	0.17	13	0.02	17	<2	3	89	<5	<3	17
42370	<0.1	0.56	11	33	<3	>10.00	1.2	1	24	152	2.59	<0.01	1.80	1564	2	0.06	10	0.24	9	<2	<2	114	<5	<3	5
42371	<0.1	0.45	18	34	<3	5.02	1.1	5	22	47	2.71	0.11	1.71	1131	3	0.05	22	0.06	4	<2	<2	60	<5	<3	4
42372	<0.1	0.48	32	49	<3	3.83	1.2	6	44	100	2.17	0.13	1.17	796	1	0.04	20	0.03	<2	<2	<2	61	<5	<3	3
42373	<0.1	0.38	48	36	<3	2.86	0.8	10	29	79	2.11	0.09	0.96	650	2	0.04	32	0.03	5	<2	<2	42	<5	<3	3
42374	<0.1	0.39	27	36	<3	3.11	0.4	13	26	62	2.12	0.12	1.10	756	2	0.04	24	0.03	6	<2	3	46	<5	<3	4
42375	<0.1	0.57	36	67	<3	2.96	0.7	11	32	76	2.18	0.09	1.03	650	2	0.04	19	0.04	5	<2	<2	47	<5	<3	4
42376	0.1	0.47	32	93	<3	6.70	1.6	17	26	186	4.29	0.02	2.33	1311	3	0.08	18	0.08	13	<2	2	82	<5	<3	5
42377	<0.1	0.51	15	67	<3	5.79	1.6	2	15	25	3.32	0.06	2.01	1301	3	0.07	10	0.11	8	<2	<2	67	<5	<3	7
42378	<0.1	0.50	37	190	<3	3.26	<0.1	11	27	42	2.15	0.08	1.14	735	2	0.04	21	0.04	3	<2	<2	54	<5	<3	6
42379	2.1	0.67	66	24	<3	5.88	1.6	49	9	766	4.38	<0.01	2.08	1394	4	0.08	150	0.08	19	<2	<2	87	<5	<3	25
42380	2.0	0.66	265	32	<3	6.45	3.1	82	25	440	5.87	<0.01	2.30	1429	4	0.11	36	0.06	70	<2	3	87	<5	<3	55
42381	0.4	0.92	176	22	<3	3.95	1.0	25	10	51	3.29	0.07	1.49	933	2	0.06	23	0.10	17	<2	<2	91	<5	<3	19
42382	<0.1	0.84	53	26	<3	5.12	0.9	12	15	47	3.67	0.09	1.86	1254	2	0.07	20	0.08	8	<2	4	94	<5	<3	13
42383	<0.1	0.79	19	26	<3	5.31	1.1	14	10	14	3.28	0.09	1.73	1345	2	0.06	12	0.08	7	<2	<2	81	<5	<3	8
42384	<0.1	0.73	42	20	<3	5.15	1.0	38	8	47	3.76	0.04	1.81	1316	3	0.07	16	0.08	4	<2	<2	69	<5	<3	8
42385	<0.1	2.24	<3	25	<3	3.64	1.8	10	15	24	5.26	0.05	2.53	1346	4	0.10	21	0.10	21	8	2	56	<5	<3	39
42386	<0.1	2.02	<3	23	<3	4.34	1.0	8	27	1	4.33	0.04	2.28	1542	3	0.09	23	0.07	16	<2	3	72	<5	<3	35
42387	<0.1	2.29	<3	22	<3	3.54	2.1	15	46	9	5.35	0.02	2.82	1534	4	0.11	32	0.09	20	6	3	51	<5	<3	41
42388	<0.1	2.24	<3	18	<3	3.78	1.2	10	48	14	5.12	<0.01	2.52	1447	4	0.10	28	0.08	15	4	3	62	<5	<3	41
42389	<0.1	1.99	<3	23	<3	3.26	0.9	9	27	<1	4.65	0.04	2.28	1349	4	0.09	23	0.07	16	3	3	53	<5	<3	37

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.

VANCOUVER LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
 Ph: (604)251-5656 Fax: (604)254-3717

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 #: 900310 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN

DATE IN: AUG 27 1990

DATE OUT: SEPT 24 1990

ATTENTION: MR. STEVE TODORUK

PAGE 2 OF 4

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
42390	<0.1	2.41	<3	26	<3	3.39	2.5	18	58	10	4.73	0.05	2.15	1199	10	<0.01	34	0.08	5	<2	6	50	<5	7	54
42391	<0.1	0.99	14	34	3	4.45	1.1	7	13	14	3.12	0.05	1.45	1295	7	<0.01	16	0.08	10	<2	3	58	<5	3	19
42392	<0.1	2.60	<3	19	<3	3.51	2.9	13	61	3	5.13	0.05	2.42	1470	11	<0.01	32	0.10	5	<2	6	44	<5	8	55
42393	<0.1	1.58	<3	15	<3	2.89	2.0	14	17	3	4.01	0.04	1.49	877	11	<0.01	13	0.07	12	<2	4	32	<5	5	26
42394	<0.1	1.52	4	15	<3	2.64	1.9	32	23	11	4.29	0.04	1.35	836	10	<0.01	9	0.05	9	4	4	31	<5	5	25
42395	<0.1	1.72	12	13	<3	3.01	2.3	27	19	143	4.81	0.05	1.57	1001	15	<0.01	12	0.06	16	<2	5	33	<5	5	30
42396	<0.1	2.33	<3	11	<3	3.11	3.3	55	18	42	6.15	0.05	2.05	1134	12	<0.01	18	0.08	11	3	6	37	<5	7	44
42397	<0.1	1.72	<3	14	<3	4.75	3.6	38	14	91	6.21	0.06	1.96	1357	10	<0.01	15	0.07	24	8	5	64	<5	6	34
42398	<0.1	1.03	28	14	<3	3.42	1.5	9	16	86	3.40	0.05	1.30	1089	9	<0.01	7	0.10	14	<2	3	38	<5	3	16
42399	<0.1	0.72	26	12	<3	3.48	2.5	20	14	28	3.11	0.05	1.20	1044	4	<0.01	10	0.06	17	4	3	33	<5	<3	9
42400	<0.1	2.01	<3	18	<3	3.39	2.5	39	18	139	6.06	0.05	1.80	1318	11	<0.01	25	0.10	17	6	6	41	<5	6	37
42401	<0.1	2.93	<3	12	<3	3.00	3.6	15	23	179	7.26	0.05	2.61	1505	16	<0.01	22	0.07	15	3	8	27	<5	9	65
42402	<0.1	1.89	<3	15	<3	3.84	2.6	10	18	95	5.36	0.05	2.08	1520	12	<0.01	13	0.08	13	4	5	33	<5	6	37
42403	<0.1	0.85	23	34	<3	4.81	2.1	35	18	100	4.51	0.05	1.66	1501	7	<0.01	17	0.07	22	7	4	43	<5	<3	16
42404	<0.1	0.62	26	32	7	4.28	1.7	13	11	350	3.09	0.05	1.34	1244	4	<0.01	5	0.08	13	<2	2	43	<5	<3	8
42405	<0.1	1.15	38	19	<3	6.10	3.8	23	9	140	5.73	0.06	2.02	1636	9	<0.01	16	0.06	25	8	5	92	<5	4	24
42406	<0.1	1.32	<3	34	<3	4.21	1.7	17	14	228	4.09	0.05	1.55	1280	6	<0.01	11	0.09	12	3	4	53	<5	4	19
42407	<0.1	0.95	17	30	<3	4.26	1.1	46	9	13	2.68	0.05	1.19	1214	5	<0.01	1	0.18	10	<2	3	56	<5	<3	11
42408	<0.1	1.46	23	58	<3	5.79	3.2	44	12	73	4.41	0.06	1.53	1628	8	<0.01	15	0.14	20	2	4	86	<5	5	31
42409	<0.1	0.96	35	44	<3	4.11	2.8	16	7	46	3.12	0.05	1.32	1241	7	<0.01	11	0.06	10	<2	3	57	<5	3	16
42410	<0.1	1.09	<3	35	<3	7.96	2.9	11	15	32	4.78	0.06	2.18	2339	7	<0.01	17	0.05	24	5	4	77	<5	3	19
42411	<0.1	2.94	<3	13	<3	6.84	3.3	15	14	14	6.22	0.07	2.91	2195	12	<0.01	11	0.08	8	<2	6	86	<5	9	53
42412	<0.1	2.81	<3	9	<3	4.86	3.7	18	15	49	6.64	0.06	2.50	1627	13	<0.01	7	0.05	13	3	7	62	<5	8	47
42413	<0.1	1.53	17	20	<3	5.16	3.0	18	10	184	4.71	0.06	1.72	1572	8	<0.01	9	0.08	19	3	4	64	<5	4	22
42414	<0.1	1.66	<3	23	<3	3.93	2.5	49	9	77	4.74	0.05	1.70	1076	9	<0.01	7	0.05	9	<2	4	60	<5	5	24
42415	0.1	1.12	15	37	<3	3.61	0.9	24	13	36	2.92	0.04	1.14	1059	5	<0.01	<1	0.06	2	2	3	47	<5	4	13
42416	<0.1	0.92	11	32	<3	5.11	1.1	16	24	8	3.58	0.05	1.58	1661	6	<0.01	5	0.06	12	<2	3	54	<5	<3	11
42417	<0.1	0.93	4	37	<3	3.60	1.7	21	42	18	3.22	0.05	1.01	1018	11	<0.01	<1	0.09	9	<2	2	52	<5	<3	9
42418	<0.1	1.48	6	33	<3	4.69	1.4	32	17	14	4.00	0.05	1.38	1331	49	<0.01	<1	0.07	11	2	3	74	<5	5	23
42419	<0.1	0.97	14	34	8	2.85	1.0	24	34	10	3.08	0.04	0.96	735	26	<0.01	<1	0.19	4	<2	2	42	<5	<3	7
42420	<0.1	0.75	24	29	5	3.13	0.8	14	56	75	3.23	0.04	1.15	797	4	<0.01	<1	0.04	8	3	2	39	<5	<3	7
42421	0.1	0.83	23	48	9	2.76	0.1	4	61	68	1.90	0.04	0.91	652	3	<0.01	<1	0.05	<2	<2	<2	40	<5	<3	4
42422	<0.1	0.64	29	51	<3	2.76	1.4	5	24	28	2.28	0.04	0.85	640	3	<0.01	<1	0.04	<2	2	<2	31	<5	<3	1
42423	<0.1	1.94	<3	65	<3	7.35	1.7	9	14	66	3.91	0.06	1.76	1987	7	<0.01	<1	0.05	<2	<2	4	107	<5	6	33
42424	<0.1	1.06	15	103	3	4.46	1.4	8	52	6	2.84	0.05	1.28	1238	4	<0.01	<1	0.05	6	<2	2	61	<5	<3	12
42425	0.1	1.20	6	130	<3	4.04	1.8	15	24	11	3.36	0.05	1.55	976	5	<0.01	<1	0.27	10	<2	3	46	<5	4	11
42426	<0.1	0.68	31	57	<3	3.44	1.7	14	20	8	2.49	0.04	1.10	945	4	<0.01	<1	0.07	6	<2	<2	43	<5	<3	3
42427	0.1	0.46	14	52	<3	5.82	1.8	13	10	18	3.35	0.05	1.65	1651	4	<0.01	<1	0.05	16	5	<2	63	<5	<3	2
42428	0.1	0.49	24	26	<3	3.09	1.3	9	36	16	3.70	0.04	1.00	804	4	<0.01	2	0.04	16	5	<2	39	<5	<3	<1

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

IMPURE OR UG ANALYSES

PRINTED IN CANADA

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 #: 900310 PA PANICON DEVELOPMENTS LTD. PROJECT: JAZZMAN DATE IN: AUG 27 1990 DATE OUT: SEPT 24 1990 ATTENTION: MR. STEVE TODORUK PAGE 3 OF 4

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
42429	<0.1	0.48	20	19	8	1.87	2.9	8	88	17	3.68	0.04	0.58	479	6	<0.01	56	0.03	13	3	2	29	<5	<3	11
42430	<0.1	0.64	24	33	<3	2.36	2.5	7	61	177	3.05	0.04	0.45	389	7	<0.01	61	0.24	9	<2	2	37	<5	<3	13
42431	<0.1	0.50	32	19	<3	2.45	2.7	9	64	223	3.93	0.04	0.53	531	9	<0.01	65	0.08	15	4	2	36	<5	<3	11
42432	<0.1	0.51	29	15	9	2.13	2.2	4	94	164	2.34	0.03	0.51	456	10	<0.01	46	0.04	7	<2	2	31	<5	<3	9
42433	<0.1	0.58	24	22	3	2.33	2.0	6	81	26	2.74	0.04	0.52	465	9	<0.01	37	0.16	8	<2	2	33	<5	<3	9
42434	<0.1	0.39	17	19	<3	2.26	1.8	13	48	14	3.38	0.04	0.70	600	12	<0.01	38	0.05	15	3	2	29	<5	<3	7
42435	<0.1	0.49	18	25	<3	3.09	2.4	37	56	15	4.14	0.04	0.96	964	21	<0.01	48	0.04	19	5	3	32	<5	<3	11
42436	<0.1	0.38	26	26	<3	2.96	2.6	13	77	7	3.70	0.04	0.95	856	11	<0.01	37	0.04	19	4	2	33	<5	<3	7
42437	<0.1	0.33	21	25	<3	2.15	2.9	12	91	89	3.29	0.04	0.73	650	10	<0.01	50	0.04	17	3	2	28	<5	<3	7
42438	<0.1	0.35	5	13	<3	2.19	3.8	45	45	24	6.95	0.04	0.71	763	10	<0.01	47	0.05	35	14	4	27	<5	<3	10
42439	<0.1	0.32	28	55	8	2.66	2.3	13	60	6	3.06	0.04	0.88	859	11	<0.01	30	0.04	13	<2	<2	28	<5	<3	7
42440	<0.1	0.39	24	48	5	2.05	1.9	16	99	6	2.92	0.04	0.65	578	8	<0.01	32	0.08	11	3	2	24	<5	<3	4
42441	<0.1	0.42	34	32	5	1.73	2.1	10	98	6	2.28	0.03	0.55	567	10	<0.01	40	0.03	8	<2	<2	23	<5	<3	7
42442	<0.1	0.57	15	25	6	2.05	2.1	18	61	8	3.69	0.04	0.68	668	12	<0.01	42	0.04	15	3	3	27	<5	<3	12
42443	0.2	0.32	22	22	<3	1.97	2.8	29	49	3	3.44	0.03	0.62	630	11	<0.01	30	0.04	16	5	2	23	<5	<3	5
42444	0.1	0.38	28	22	<3	1.76	2.0	19	70	5	2.57	0.03	0.60	473	11	<0.01	19	0.05	11	<2	<2	20	<5	<3	4
42445	0.3	0.38	24	17	<3	2.01	1.9	17	82	3	2.63	0.03	0.63	515	8	<0.01	23	0.05	9	<2	<2	25	<5	<3	3
42446	0.1	0.46	12	19	<3	2.41	2.7	14	45	3	3.61	0.04	0.65	550	10	<0.01	21	0.06	16	5	2	29	<5	<3	7
42447	0.2	0.37	27	35	13	3.01	1.7	14	42	3	2.94	0.04	0.74	831	14	<0.01	26	0.05	14	3	2	39	<5	<3	7
42448	0.1	0.55	16	40	<3	3.34	2.3	19	51	4	3.14	0.05	0.51	495	8	<0.01	19	0.05	14	<2	3	44	<5	<3	7
42449	0.2	0.67	23	19	8	3.07	2.8	19	60	7	3.08	0.04	0.52	373	11	<0.01	18	0.05	9	<2	2	43	<5	<3	12
42450	0.2	1.31	<3	26	<3	3.83	4.0	63	28	282	6.73	0.06	0.60	499	15	<0.01	16	0.08	26	11	4	62	<5	4	29
42451	0.1	0.70	13	18	8	3.17	1.7	17	31	8	2.69	0.04	0.61	421	13	<0.01	14	0.05	11	<2	2	35	<5	<3	13
42452	0.1	0.69	4	21	16	3.23	2.7	19	51	4	3.38	0.04	0.67	491	19	<0.01	18	0.05	12	3	3	39	<5	<3	13
42453	<0.1	0.52	27	23	10	3.56	1.5	21	55	2	3.10	0.04	0.52	368	33	<0.01	13	0.05	16	3	2	44	<5	<3	7
42454	<0.1	0.71	15	22	9	2.95	2.5	16	30	74	3.51	0.04	0.70	378	22	<0.01	16	0.06	15	3	2	33	<5	<3	12
42455	<0.1	0.76	15	19	7	2.94	1.7	20	32	55	3.87	0.04	0.85	417	12	<0.01	15	0.11	15	<2	3	30	<5	3	12
42456	<0.1	0.49	16	17	9	2.66	1.8	23	67	11	3.67	0.04	0.85	448	13	<0.01	13	0.05	17	4	2	27	<5	<3	3
42457	0.1	0.68	<3	18	<3	3.29	2.9	26	58	13	5.12	0.05	1.16	672	11	<0.01	25	0.06	21	8	4	29	<5	<3	12
42458	0.2	0.73	17	31	<3	2.33	2.3	29	28	5	3.48	0.04	0.93	706	7	<0.01	17	0.08	14	2	4	35	<5	<3	12
42459	0.1	1.03	5	26	<3	3.20	2.5	24	34	15	4.11	0.05	1.20	962	7	<0.01	16	0.08	32	4	3	41	<5	3	19
42460	0.1	0.83	<3	37	<3	4.98	2.0	17	56	1	3.86	0.05	1.21	1318	6	<0.01	12	0.05	18	5	3	63	<5	<3	13
42461	<0.1	0.71	8	43	8	2.82	2.3	14	44	<1	3.39	0.04	0.98	992	8	<0.01	12	0.05	16	3	3	32	<5	<3	7
42462	<0.1	0.46	28	25	16	2.34	1.4	14	22	2	2.92	0.04	0.92	467	6	<0.01	15	0.04	10	<2	2	22	<5	<3	<1
42463	<0.1	0.49	30	29	14	2.49	2.0	15	25	<1	2.61	0.04	1.02	377	4	<0.01	13	0.04	10	<2	2	22	<5	<3	<1
42464	<0.1	0.40	31	20	<3	3.21	2.4	14	51	<1	2.76	0.04	1.23	652	4	<0.01	13	0.06	14	<2	2	24	<5	<3	<1
42465	0.2	0.53	19	27	8	2.89	1.9	12	37	<1	2.82	0.04	1.22	618	4	<0.01	13	0.06	9	2	2	28	<5	<3	1
42466	<0.1	0.37	26	37	13	1.88	1.6	15	23	<1	2.70	0.03	0.74	331	10	<0.01	14	0.03	13	<2	2	25	<5	<3	<1
42467	0.1	0.38	26	39	4	2.48	1.5	12	20	<1	2.54	0.04	0.87	418	21	<0.01	7	0.02	11	<2	2	30	<5	<3	<1

Minimum Detection: Ag 0.1, Al 0.01, As 3, Ba 1, Bi 3, Ca 0.01, Cd 0.1, Co 1, Cr 1, Cu 1, Fe 0.01, K 0.01, Mg 0.01, Mn 1, Mo 1, Na 0.01, Ni 1, P 0.01, Pb 2, Sb 2, Sn 2, Sr 1, U 5, W 3, Zn 1
 Maximum Detection: Ag 50.0, Al 10.00, As 2000, Ba 1000, Bi 1000, Ca 10.00, Cd 1000.0, Co 20000, Cr 1000, Cu 20000, Fe 10.00, K 10.00, Mg 10.00, Mn 20000, Mo 1000, Na 10.00, Ni 20000, P 10.00, Pb 20000, Sb 2000, Sn 1000, Sr 10000, U 100, W 1000, Zn 20000
 < - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

L'IMPRIE AU CANADA

L'IMPRIE AU CANADA

VIA BELHE... 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: *Royak*

REPORT #: 900310 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZZHAN

DATE IN: AUG 27 1990

DATE OUT: SEPT 24 1990

ATTENTION: MR. STEVE TODORUK

PAGE 4 OF 4

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
42468	<0.1	0.49	33	72	10	2.07	1.8	9	59	16	1.51	0.03	0.79	443	8	<0.01	14	0.02	<2	<2	2	32	<5	<3	6
42469	<0.1	0.66	30	61	9	1.65	1.1	17	49	2	1.66	0.03	0.67	374	8	<0.01	7	0.03	3	<2	<2	23	<5	<3	7
42470	<0.1	0.41	30	33	<3	3.07	1.4	11	41	3	2.01	0.04	1.13	704	9	<0.01	12	0.03	5	<2	<2	30	<5	<3	7
42471	<0.1	0.58	29	41	<3	1.95	1.5	18	36	2	1.96	0.03	0.81	538	8	<0.01	7	0.03	6	<2	<2	23	<5	<3	9
42472	<0.1	0.57	30	69	4	2.56	0.8	6	68	1	1.35	0.03	0.69	632	6	<0.01	3	0.02	<2	<2	<2	44	<5	<3	7
42473	<0.1	0.80	22	75	<3	2.99	1.3	9	45	1	2.09	0.04	0.79	831	6	<0.01	<1	0.01	3	<2	2	48	<5	<3	12
42474	<0.1	0.67	16	26	<3	3.19	2.2	20	29	4	3.28	0.04	0.79	914	6	<0.01	13	0.02	10	2	3	54	<5	<3	13
42475	<0.1	0.63	16	34	<3	2.81	2.1	20	28	3	3.47	0.04	0.92	769	8	<0.01	12	0.03	11	2	3	40	<5	<3	12
42476	<0.1	0.68	36	69	<3	3.92	1.4	21	58	11	2.74	0.05	0.93	1037	5	<0.01	3	0.03	10	<2	3	55	<5	<3	13
42477	<0.1	0.54	35	127	14	2.51	0.8	3	40	2	1.56	0.04	0.82	477	3	<0.01	<1	0.03	<2	<2	<2	36	<5	<3	6
42478	<0.1	0.40	28	37	10	2.33	1.4	5	33	4	2.07	0.03	0.72	324	4	<0.01	<1	0.03	6	<2	3	36	<5	<3	6
42479	<0.1	0.41	38	53	8	2.01	1.1	6	29	10	1.26	0.03	0.62	360	18	<0.01	<1	0.02	4	<2	<2	31	<5	<3	3
42480	<0.1	0.43	36	42	8	2.05	1.8	36	70	85	2.45	0.03	0.75	559	17	<0.01	<1	0.02	9	2	<2	23	<5	<3	5
42481	<0.1	0.50	21	45	<3	2.50	1.5	48	53	12	2.98	0.04	0.89	637	7	<0.01	5	0.02	12	<2	3	30	<5	<3	6
42482	<0.1	0.47	32	56	7	1.61	1.2	24	27	4	2.37	0.03	0.62	361	7	<0.01	2	<0.01	7	<2	2	24	<5	<3	6
42483	<0.1	0.56	14	18	<3	2.66	2.0	15	22	2	3.82	0.04	1.02	795	6	<0.01	11	0.03	10	5	3	33	<5	<3	11
42484	<0.1	1.17	<3	45	<3	2.98	2.3	11	42	2	3.38	0.04	1.29	874	7	<0.01	2	0.02	5	<2	3	42	<5	3	24
42485	<0.1	0.56	41	93	<3	3.16	1.1	7	63	2	2.83	0.04	1.24	868	4	<0.01	<1	0.02	10	3	3	25	<5	<3	8
42486	<0.1	0.46	33	213	10	1.73	1.6	2	32	<1	1.20	0.03	0.77	338	4	<0.01	<1	<0.01	<2	<2	<2	39	<5	<3	2
42487	<0.1	0.39	34	159	12	1.90	0.8	1	28	<1	1.40	0.03	0.82	357	3	<0.01	<1	0.01	4	<2	<2	23	<5	<3	2
42488	<0.1	0.60	34	114	<3	1.82	<0.1	2	48	<1	1.43	0.03	0.80	383	3	<0.01	<1	0.02	<2	<2	2	20	<5	<3	5
42489	<0.1	0.46	32	169	18	2.00	0.2	1	55	<1	1.04	0.03	0.77	394	3	<0.01	<1	0.03	<2	<2	<2	39	<5	<3	3
42490	<0.1	0.45	36	152	9	2.20	0.6	2	29	<1	1.40	0.03	0.87	409	4	<0.01	<1	0.01	<2	<2	2	41	<5	<3	9
42491	<0.1	0.46	30	117	12	1.95	0.4	3	30	<1	1.28	0.03	0.78	392	7	<0.01	<1	0.01	<2	<2	2	31	<5	<3	2

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

PRINTED IN CANADA

GEOCHEMICAL ANALYTICAL REPORT
=====

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

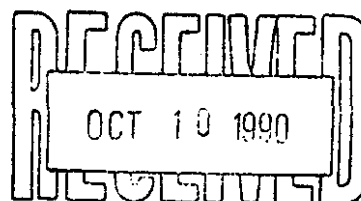
DATE: OCT 05 1990

REPORT#: 900636 GA
JOB#: 900636

PROJECT#: JAZZMAN - GAB
SAMPLES ARRIVED: OCT 02 1990
REPORT COMPLETED: OCT 05 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900636 NA
TOTAL SAMPLES: 57
SAMPLE TYPE: 57 DRILL CORE
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: 900636 GA

JOB NUMBER: 900636

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 2

SAMPLE #	Au
	ppb
42274	30
42275	nd
42276	20
42277	10
42278	120
42279	60
42280	nd
42281	nd
42282	20
42283	10
42284	20
42285	90
42286	nd
42287	20
42288	20
42289	nd
42290	nd
42291	10
42292	40
42293	10
42294	nd
42295	nd
42296	nd
42297	250
42298	140
42299	20
42300	nd
55651	nd
55652	nd
55653	1150
55654	70
55655	40
55656	20
55657	30
55658	nd
55659	80
55660	160
55661	340
55662	9200

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 900636 GA

JOB NUMBER: 900636

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 2

SAMPLE #	Au ppb
55663	100
55664	140
55665	nd
55666	10
55667	200
55668	450
55669	400
55670	190
55671	60
55672	20
55673	240
55674	70
55675	320
55676	360
55677	1210
55678	2010
55679	360
55680	170

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: *Agnew*

REPORT #: 900636 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN - GAB

DATE IN: OCT 02 1990

DATE OUT: OCT 05 1990

ATTENTION: MR. STEVE TODORUK

PAGE 1 OF 2

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
42274	0.1	0.33	<3	45	<3	1.87	2.2	10	107	21	1.78	0.19	0.71	362	10	0.02	15	0.02	17	<2	3	22	<5	<3	7
42275	0.1	0.60	<3	50	<3	2.14	2.5	7	65	11	2.61	0.22	0.72	365	8	0.03	11	0.05	11	<2	4	37	<5	<3	7
42276	<0.1	0.54	<3	37	<3	2.23	2.4	8	64	16	3.75	0.23	0.70	326	10	0.04	8	0.08	12	<2	5	48	<5	<3	6
42277	0.1	0.59	<3	40	<3	2.67	2.9	8	69	12	4.09	0.26	0.90	414	3	0.04	5	0.07	15	<2	4	46	<5	<3	7
42278	0.1	0.39	<3	43	<3	4.44	2.6	11	76	9	3.78	0.31	1.60	733	9	0.03	8	0.02	22	<2	4	25	<5	<3	8
42279	0.2	0.57	<3	49	<3	2.63	2.0	10	69	15	2.34	0.24	0.94	507	3	0.02	6	0.03	10	<2	3	23	<5	<3	7
42280	0.1	0.46	<3	56	<3	3.79	2.6	11	70	6	3.24	0.29	1.34	647	8	0.03	9	0.04	17	<2	5	33	<5	<3	14
42281	0.1	0.60	<3	77	<3	1.77	2.6	8	42	6	3.64	0.21	0.62	345	2	0.03	3	0.03	18	<2	4	21	<5	<3	5
42282	<0.1	0.49	<3	58	<3	2.50	2.3	4	73	6	3.58	0.24	0.93	412	2	0.02	5	0.04	7	<2	4	22	<5	<3	5
42283	0.1	0.41	<3	35	<3	2.34	2.8	17	89	10	5.27	0.25	0.65	525	8	0.03	3	0.04	19	<2	4	22	<5	<3	4
42284	<0.1	0.50	<3	57	<3	1.49	2.1	6	51	4	3.07	0.17	0.52	276	7	0.02	5	0.04	6	<2	3	20	<5	<3	4
42285	<0.1	0.71	<3	41	<3	2.49	3.3	8	53	7	5.68	0.26	0.88	464	3	0.03	6	0.03	18	<2	5	24	<5	<3	8
42286	0.1	0.73	<3	41	<3	3.30	2.9	6	45	7	5.51	0.29	1.19	627	6	0.03	8	0.03	21	<2	6	27	<5	<3	12
42287	0.2	0.15	<3	28	<3	3.52	3.9	10	122	16	7.61	0.32	1.15	697	6	0.04	10	<0.01	34	11	7	23	<5	<3	10
42288	<0.1	0.67	<3	63	<3	2.14	2.1	11	48	4	4.22	0.24	0.67	378	2	0.03	1	0.07	12	<2	4	36	<5	<3	3
42289	<0.1	0.50	<3	112	<3	2.24	1.4	8	38	3	3.32	0.22	0.71	393	4	0.02	<1	0.07	7	<2	3	36	<5	<3	2
42290	<0.1	0.55	<3	128	<3	2.42	1.6	6	59	4	2.78	0.22	0.75	489	2	0.02	<1	0.04	7	<2	3	29	<5	<3	2
42291	<0.1	0.45	<3	114	<3	2.44	1.8	9	74	5	3.13	0.22	0.75	538	7	0.02	<1	0.04	11	<2	3	32	<5	<3	4
42292	<0.1	0.42	<3	49	<3	3.52	2.7	6	55	5	4.84	0.29	1.24	642	6	0.03	<1	0.03	22	<2	5	30	<5	<3	5
42293	<0.1	0.51	<3	27	<3	2.36	2.2	13	92	9	4.77	0.25	0.59	483	3	0.04	<1	0.05	22	2	5	30	<5	<3	4
42294	0.1	0.90	<3	75	<3	1.77	2.2	7	62	10	4.36	0.20	0.72	457	2	0.03	<1	0.05	14	<2	6	24	<5	<3	9
42295	<0.1	0.61	<3	68	<3	2.20	1.1	8	42	5	3.44	0.22	0.67	455	4	0.02	<1	0.05	3	<2	3	28	<5	<3	3
42296	<0.1	1.00	<3	77	<3	2.31	2.3	13	62	6	4.06	0.23	0.81	562	2	0.03	<1	0.03	9	<2	5	27	<5	<3	10
42297	<0.1	1.51	<3	73	<3	1.73	2.3	5	29	9	5.38	0.22	0.78	474	5	0.03	<1	0.06	6	<2	7	30	<5	<3	16
42298	<0.1	1.43	<3	92	<3	1.89	2.1	5	29	6	4.08	0.22	0.68	464	3	0.03	<1	0.06	9	<2	6	34	<5	<3	12
42299	<0.1	0.76	<3	67	<3	3.31	2.8	13	59	6	5.28	0.30	0.97	730	7	0.03	<1	0.03	18	2	6	39	<5	<3	8
42300	<0.1	1.31	<3	111	<3	2.70	1.3	13	51	6	4.33	0.26	0.73	611	2	0.03	<1	0.04	10	<2	7	39	<5	<3	13
55651	<0.1	1.08	<3	93	<3	2.27	2.1	20	43	5	3.91	0.23	0.76	549	4	0.02	<1	0.04	5	<2	5	31	<5	<3	10
55652	<0.1	0.99	<3	99	<3	2.69	1.5	19	47	4	3.38	0.24	0.86	599	1	0.02	<1	0.04	<2	<2	4	29	<5	<3	7
55653	0.2	1.02	<3	50	<3	2.03	3.6	47	44	8	7.08	0.26	0.76	499	5	0.03	<1	0.04	15	3	7	19	<5	<3	8
55654	<0.1	0.56	<3	57	<3	5.19	2.5	14	42	4	4.37	0.33	1.47	1138	5	0.03	<1	0.03	12	<2	5	35	<5	<3	7
55655	0.1	0.54	<3	54	<3	2.29	0.9	23	53	4	3.26	0.21	0.68	508	6	0.02	<1	0.05	7	<2	4	24	<5	<3	3
55656	<0.1	1.16	<3	90	<3	2.29	2.0	23	45	4	3.82	0.23	0.73	467	4	0.04	<1	0.05	9	<2	6	31	<5	<3	10
55657	<0.1	0.97	<3	58	<3	1.97	1.2	8	42	3	2.38	0.19	0.55	351	4	0.03	<1	0.05	<2	<2	4	28	<5	<3	9
55658	<0.1	1.66	<3	139	<3	2.43	1.8	5	42	122	3.96	0.23	0.83	490	4	0.03	<1	0.05	<2	<2	8	40	<5	<3	15
55659	<0.1	1.42	<3	139	<3	2.51	1.9	7	26	5	3.68	0.24	0.84	489	4	0.03	<1	0.04	<2	<2	6	44	<5	<3	13
55660	0.1	1.71	<3	64	<3	2.76	1.7	17	17	7	5.79	0.27	0.79	503	3	0.03	<1	0.04	9	<2	8	41	<5	<3	17
55661	0.2	1.61	<3	65	<3	3.38	3.6	20	26	9	6.84	0.31	1.11	656	11	0.03	<1	0.03	10	<2	9	30	<5	<3	13
55662	0.4	2.43	<3	65	<3	1.21	3.1	13	34	49	7.89	0.22	0.80	463	6	0.04	<1	0.03	14	6	11	20	<5	<3	24

Minimum Detection 0.1 0.01 3 1 3 0.01 0.01 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 10000 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.

IMPORTED BY CANADA

PRINTED IN CANADA

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 #: 900636 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN - GAB

DATE IN: OCT 02 1990

DATE OUT: OCT 05 1990

ATTENTION: MR. STEVE TORORUK

PAGE 2 OF 2

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
55663	0.1	1.98	<3	41	<3	3.66	3.4	12	37	7	6.11	0.33	0.99	615	13	0.05	13	0.05	11	3	10	52	<5	<3	26
55664	0.2	1.14	<3	81	<3	3.33	3.2	30	37	88	4.58	0.30	0.81	545	6	0.05	5	0.07	13	<2	7	43	<5	<3	12
55665	<0.1	0.62	<3	44	<3	3.61	2.5	18	36	8	4.68	0.31	1.04	640	8	0.03	5	0.07	12	<2	6	30	<5	<3	6
55666	<0.1	1.00	<3	66	<3	3.81	2.7	8	39	6	3.71	0.31	1.10	831	5	0.04	7	0.08	6	<2	6	33	<5	<3	8
55667	0.1	1.59	<3	73	<3	2.57	3.2	3	32	44	5.51	0.27	0.62	656	20	0.04	3	0.07	9	<2	8	30	<5	<3	19
55668	<0.1	1.72	<3	60	<3	3.37	4.6	23	32	55	9.66	0.36	0.71	881	16	0.06	10	0.09	28	13	12	38	<5	<3	28
55669	0.2	0.85	<3	49	<3	2.56	4.5	14	29	399	8.86	0.32	1.02	988	6	0.05	5	0.07	30	12	9	31	<5	<3	22
55670	0.1	0.71	<3	44	<3	2.84	4.0	13	32	10	6.16	0.29	1.09	775	7	0.04	6	0.06	22	4	7	36	<5	<3	13
55671	<0.1	0.72	<3	140	<3	2.50	3.4	13	20	6	5.19	0.26	1.03	644	11	0.03	<1	0.08	5	<2	6	38	<5	<3	9
55672	<0.1	0.82	<3	105	<3	2.50	3.0	7	17	6	3.50	0.23	0.90	483	18	0.02	<1	0.09	<2	<2	4	32	<5	<3	6
55673	<0.1	0.68	<3	109	<3	5.70	3.3	19	21	9	5.30	0.37	1.71	936	11	0.03	4	0.08	14	<2	6	66	<5	<3	7
55674	<0.1	0.80	<3	97	<3	4.87	3.8	24	21	35	4.59	0.33	1.42	835	38	0.03	1	0.06	10	<2	6	67	<5	<3	8
55675	0.2	0.90	<3	55	<3	5.88	3.6	27	39	136	5.06	0.37	1.60	1008	35	0.04	3	0.10	17	<2	7	64	<5	<3	6
55676	<0.1	0.46	<3	40	<3	2.62	2.7	23	46	13	2.86	0.23	0.77	479	12	0.03	<1	0.05	5	<2	4	25	<5	<3	3
55677	<0.1	0.99	<3	56	<3	2.10	3.2	40	36	40	5.85	0.26	0.57	409	22	0.04	<1	0.08	13	<2	7	21	<5	<3	5
55678	0.2	2.22	<3	67	<3	4.81	4.2	74	25	11	8.25	0.38	1.09	1002	23	0.06	<1	0.10	14	3	12	80	<5	<3	25
55679	<0.1	1.93	<3	90	<3	3.77	3.4	7	24	17	5.61	0.32	1.36	812	16	0.05	<1	0.07	10	<2	10	44	<5	<3	18
55680	0.1	1.48	<3	148	<3	4.53	4.0	10	31	21	6.02	0.34	1.21	833	8	0.06	<1	0.09	15	<2	8	51	<5	<3	16

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.

IMPRIMÉ AU CANADA

ASSAY ANALYTICAL REPORT
=====

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

DATE: OCT 10 1990

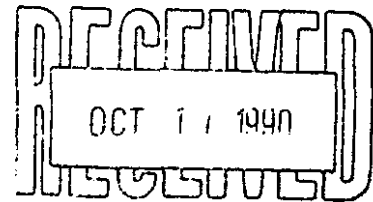
REPORT#: 900636 AA
JOB#: 900636

PROJECT#: JAZZMAN - GAB
SAMPLES ARRIVED: OCT 02 1990
REPORT COMPLETED: OCT 10 1990
ANALYSED FOR: AU

INVOICE#: 900636 NB
TOTAL SAMPLES: 4
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 4 CORE 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: 900636 AA

JOB NUMBER: 900636

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
55653	.028
55662	.332
55677	.052
55678	.060

DETECTION LIMIT

.005

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

[Signature]

GEOCHEMICAL ANALYTICAL REPORT
=====

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

DATE: OCT 16 1990

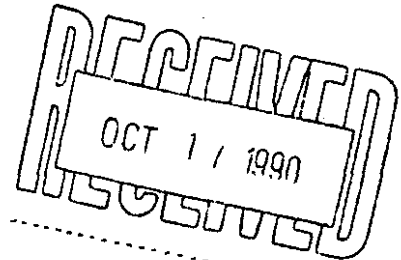
REPORT#: 900664 GA
JOB#: 900664

PROJECT#: JAZZMAN
SAMPLES ARRIVED: OCT 11 1990
REPORT COMPLETED: OCT 16 1990
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 900664 NA
TOTAL SAMPLES: 46
SAMPLE TYPE: 46 CORE
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: 900664 GA

JOB NUMBER: 900664

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 2

SAMPLE #	Au ppb
55796	nd
55797	nd
55798	nd
55799	nd
55800	nd
55801	nd
55802	nd
55803	nd
55804	10
55805	nd
55806	nd
55807	nd
55808	nd
55809	nd
55810	nd
55811	10
55812	nd
55813	nd
55814	50
55815	nd
55816	nd
55817	nd
55818	nd
55819	nd
55820	nd
55821	20
55822	10
55823	10
55824	100
55825	30
55826	40
55827	10
55828	10
55829	10
55830	20
55831	nd
55832	30
55833	60
55834	50

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 900664 GA

JOB NUMBER: 900664

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 2

SAMPLE #	As ppb
55835	100
55836	70
55837	520
55838	280
55839	510
55840	320
55841	200

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

GEOCHEMICAL ANALYTICAL REPORT
=====

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

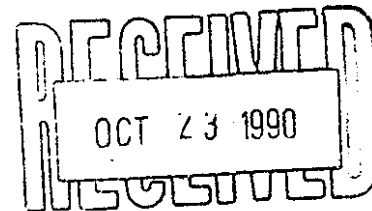
DATE: OCT 18 1990

REPORT#: 900674 GA
JOB#: 900674

PROJECT#: JAZZMAN - GAB
SAMPLES ARRIVED: OCT 12 1990
REPORT COMPLETED: OCT 18 1990
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 900674 NA
TOTAL SAMPLES: 118
SAMPLE TYPE: 118 CORE
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 dark ink, appearing to be "A. Smith", written over a dashed line.

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

REPORT NUMBER: 900674 GA

JOB NUMBER: 900674

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 4

SAMPLE #	Au
	ppb
41501	nd
41502	10
41503	70
41504	50
41505	30
41506	60
41507	30
41508	30
41509	nd
41510	nd
41511	230
41512	nd
41513	nd
41514	nd
41515	nd
41516	nd
41517	nd
41518	nd
41519	nd
41520	nd
41521	nd
41522	nd
41523	nd
41524	nd
41525	nd
41526	20
41527	nd
41528	nd
41529	90
41530	50
41531	110
41532	nd
41533	30
41534	40
41535	nd
41536	30
41537	nd
41538	nd
41539	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 900674 GA

JOB NUMBER: 900674

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 4

SAMPLE #	µg ppb
41540	270
41541	1600
41542	930
41543	1050
41544	760
41545	550
41546	690
41547	520
41548	170
41549	20
41550	150
41551	20
41552	110
41553	100
41554	nd
41555	nd
41556	nd
41557	nd
41558	nd
41559	nd
41560	nd
41561	50
41562	20
41563	nd
41564	nd
41565	nd
41566	680
41567	nd
41568	nd
41569	nd
41570	nd
41571	nd
41572	nd
41573	nd
41574	nd
41575	nd
41576	nd
41577	30
41578	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

ls = insufficient sample

REPORT NUMBER: 900674 GA

JOB NUMBER: 900674

PANICON DEVELOPMENTS LTD.

PAGE 3 OF 4

SAMPLE #	Au ppb
41579	nd
41580	nd
41581	60
41582	nd
41583	nd
41584	20
41585	nd
41586	nd
41587	nd
41588	nd
41589	nd
41590	20
41591	20
41592	30
41593	nd
41594	nd
41595	90
41596	nd
41597	30
41598	490
41599	20
41600	nd
41601	nd
41602	nd
41603	30
41604	80
41605	nd
41606	50
41607	nd
41608	nd
41609	nd
41610	nd
41611	30
41612	10
41613	110
41614	70
41615	200
41616	40
41617	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

ls = insufficient sample

REPORT NUMBER: 900674 GA

JOB NUMBER: 900674

PANICOM DEVELOPMENTS LTD.

PAGE 4 OF 4

SAMPLE #

Au

ppb

41618

450

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

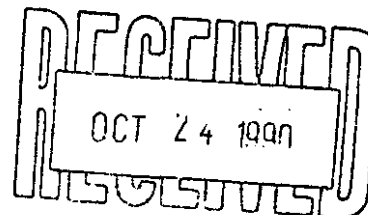
DATE: OCT 22 1990

REPORT#: 900674 AA
JOB#: 900674

PROJECT#: JAZZMAN - GAB
SAMPLES ARRIVED: OCT 12 1990
REPORT COMPLETED: OCT 22 1990
ANALYSED FOR: Au

INVOICE#: 900674 NB
TOTAL SAMPLES: 2
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 2 CORE 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: 900674 AA

JOB NUMBER: 900674

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
41541	.036
41543	.029

DETECTION LIMIT

.005

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

[Handwritten Signature]

GEOCHEMICAL ANALYTICAL REPORT
=====

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

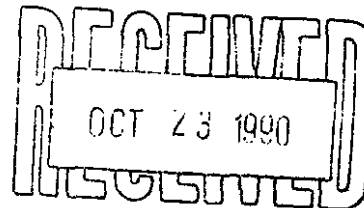
DATE: OCT 19 1990

REPORT#: 900681 GA
JOB#: 900681

PROJECT#: JAZZMAN - GAB
SAMPLES ARRIVED: OCT 16 1990
REPORT COMPLETED: OCT 19 1990
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 900681 NA
TOTAL SAMPLES: 112
SAMPLE TYPE: 112 CORE
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: 900681 GA JOB NUMBER: 900681 PANICON DEVELOPMENTS LTD. PAGE 1 OF 3

SAMPLE #	Au ppb
3201	60
3202	40
3203	10
3204	600
3205	110
3206	100
3207	50
3208	40
3209	10
3210	10
3211	10
3212	130
3213	20
3214	10
3215	50
3216	10
3217	nd
3218	40
3219	20
3220	10
3221	10
3222	10
3223	nd
3224	200
3225	180
3226	50
3227	30
3228	50
3229	20
3230	10
3231	nd
3232	nd
3233	nd
3234	nd
3235	230
3236	10
3237	nd
3238	20
3239	nd

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

REPORT NUMBER: 900601 GA

JOB NUMBER: 900601

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 3

SAMPLE #	Au ppb
3240	40
3241	10
3242	10
3243	nd
3244	nd
3245	nd
3246	nd
3247	20
3248	490
3249	40
3250	nd
3251	nd
3252	20
3253	110
3254	10
3255	60
3256	nd
3257	nd
3258	nd
3259	nd
3260	nd
3261	nd
3262	nd
3263	nd
3264	nd
3265	nd
3266	nd
3267	nd
3268	nd
3269	nd
3270	nd
3271	nd
3272	nd
3273	nd
3274	nd
3275	nd
3276	nd
3277	nd
3278	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 900681 GA

JOB NUMBER: 900681

PANICON DEVELOPMENTS LTD.

PAGE 3 OF 3

SAMPLE #	Au ppb
3279	nd
3280	nd
3281	nd
3282	nd
3283	nd
3284	nd
3285	nd
3286	nd
3287	nd
3288	nd
3289	nd
3290	nd
3291	nd
3292	nd
3293	nd
3294	nd
3295	nd
3296	100
3297	20
3298	10
3299	nd
3300	nd
3301	60
3302	nd
3303	nd
55842	nd
55843	20
55844	30
55845	40
55846	nd
55847	nd
55848	nd
55849	nd
55850	nd

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

GEOCHEMICAL ANALYTICAL REPORT
=====

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

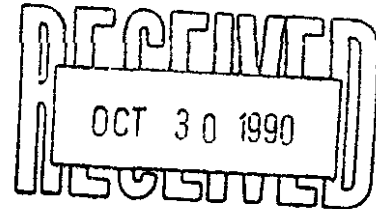
DATE: OCT 25 1990

REPORT#: 900688 GA
JOB#: 900688

PROJECT#: JAZZMAN
SAMPLES ARRIVED: OCT 17 1990
REPORT COMPLETED: OCT 25 1990
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 900688 NA
TOTAL SAMPLES: 110
SAMPLE TYPE: 110 CORE
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 be "R. Smith", written over a dashed horizontal line.

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

REPORT NUMBER: 900600 GA

JOB NUMBER: 900600

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 3

SAMPLE #	Au
	ppb
3304	nd
3305	nd
3306	nd
3307	nd
3308	nd
3309	nd
3310	40
3311	30
3312	20
3313	nd
3314	nd
3315	nd
3316	nd
3317	nd
3318	nd
3319	nd
3320	nd
3321	nd
3322	nd
3323	70
3324	10
3325	30
3326	10
3327	nd
3328	nd
3329	nd
3330	nd
3331	20
3332	20
3333	nd
3334	nd
3335	nd
3336	270
3337	nd
3338	nd
3339	20
3340	nd
3341	nd
3342	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

ls = insufficient sample

REPORT NUMBER: 900600 GA

JOB NUMBER: 900600

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 3

SAMPLE #	Au
3343	nd
3344	nd
3345	nd
3346	nd
3347	nd
3348	nd
3349	nd
3350	nd
3351	nd
3352	nd
3353	nd
3354	nd
3355	nd
3356	130
3357	nd
3358	nd
3359	nd
3360	nd
3361	nd
3362	nd
3363	nd
3364	nd
3365	nd
3366	nd
3367	nd
3368	nd
3369	nd
3370	nd
3371	nd
3372	nd
3373	nd
3374	nd
3375	nd
3376	nd
3377	50
3378	nd
3379	nd
3380	nd
3381	70

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

REPORT NUMBER: 900600 GA

JOB NUMBER: 900600

PANICON DEVELOPMENTS LTD.

PAGE 3 OF 3

SAMPLE #	Au ppb
3382	nd
3383	nd
3384	nd
3385	nd
3386	nd
3387	nd
3388	nd
3389	nd
3390	nd
3391	nd
3392	nd
3393	nd
3394	nd
3395	nd
3396	nd
3397	nd
3398	nd
3399	nd
3400	nd
3401	nd
3402	nd
3403	nd
3404	nd
3405	nd
3406	nd
3407	nd
3408	20
3409	10
3410	nd
3411	nd
3412	nd
3413	nd

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

GEOCHEMICAL ANALYTICAL REPORT
=====

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

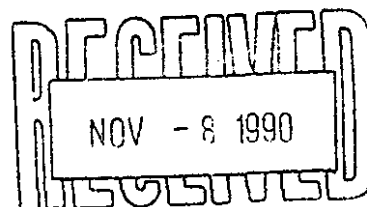
DATE: OCT 18 1990

REPORT#: 900663 GA
JOB#: 900663

PROJECT#: JAZZMAN - GAB
SAMPLES ARRIVED: OCT 11 1990
REPORT COMPLETED: OCT 18 1990
ANALYSED FOR: Au (FA/AAS)

INVOICE#: 900663 NA
TOTAL SAMPLES: 65
SAMPLE TYPE: 65 CORE
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 be "R. Smith", written over a dashed line.

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

REPORT NUMBER: 900663 GA

JOB NUMBER: 900663

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 2

SAMPLE #	Au
55731	160
55732	nd
55733	nd
55734	nd
55735	nd
55736	nd
55737	nd
55738	630
55739	40
55740	320
55741	2060
55742	30
55743	10
55744	30
55745	nd
55746	20
55747	60
55748	40
55749	nd
55750	nd
55751	110
55752	40
55753	nd
55754	100
55755	160
55756	670
55757	1030
55758	1350
55759	1050
55760	340
55761	30
55762	120
55763	240
55764	40
55765	280
55766	4200
55767	80
55768	60
55769	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

ls = insufficient sample

REPORT NUMBER: 900663 GA

JOB NUMBER: 900663

PANICON DEVELOPMENTS LTD.

PAGE 2 OF 2

SAMPLE #	Au
	ppb
55770	10
55771	nd
55772	20
55773	240
55774	20
55775	30
55776	20
55777	30
55778	30
55779	30
55780	200
55781	110
55782	90
55783	90
55784	110
55785	40
55786	200
55787	200
55788	480
55789	70
55790	140
55791	70
55792	280
55793	480
55794	520
55795	400

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

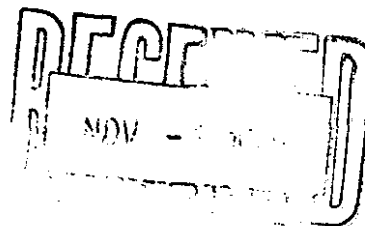
DATE: OCT 18 1990

REPORT#: 900663 AA
JOB#: 900663

PROJECT#: JAZZMAN - GAB
SAMPLES ARRIVED: OCT 11 1990
REPORT COMPLETED: OCT 18 1990
ANALYSED FOR: Au

INVOICE#: 900663 NA
TOTAL SAMPLES: 5
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 5 CORE

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: 900663 AA

JOB NUMBER: 900663

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
55741	.062
55757	.048
55758	.042
55759	.032
55766	.118

DETECTION LIMIT

.005

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

[Signature]

=====
GEOCHEMICAL ANALYTICAL REPORT
=====

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

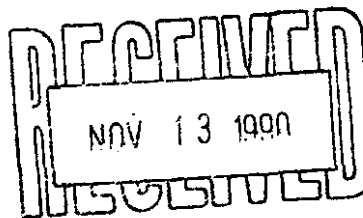
DATE: OCT 18 1990

REPORT#: 900672 GA
JOB#: 900672

PROJECT#: JAZZMAN - GAB
SAMPLES ARRIVED: OCT 12 1990
REPORT COMPLETED: OCT 18 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900672 NA
TOTAL SAMPLES: 49
SAMPLE TYPE: 49 CORE
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: 900672 GA

JOB NUMBER: 900672

PANICON DEVELOPMENTS LTD.

PAGE 1 OF 2

SAMPLE #	Au ppb
55681	120
55682	110
55683	80
55684	150
55685	250
55686	20
55687	nd
55688	160
55689	610
55690	60
55691	20
55692	40
55693	10
55694	20
55695	60
55697	20
55698	nd
55699	nd
55700	20
55701	10
55702	50
55703	40
55704	nd
55705	30
55706	30
55707	30
55708	nd
55709	30
55710	220
55711	160
55712	40
55713	100
55714	30
55715	nd
55716	nd
55717	nd
55718	20
55719	30
55720	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANSELOCHEN 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.

RECEIVED
 NOV 13 1990
 ANALYST: *[Signature]*
 ATTENTION: MR. STEVE TUBORUK

REPORT #: 900672 PA

PAMICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN - GAB

DATE IN: OCT 12 1990

DATE OUT: NOV 08 1990

PAGE 1 OF 2

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	μ	ppm	ppm	ppm	μ	ppm	ppm	ppm	ppm	μ	μ	μ	ppm	ppm	μ	ppm	μ	ppm	ppm	ppm	ppm	ppm	ppm	ppm
55681	0.3	1.94	<3	93	<3	3.88	1.5	13	23	36	6.47	0.26	0.95	623	23	0.11	12	0.04	<2	<2	<2	181	<5	<3	28
55682	0.2	1.70	<3	69	<3	3.91	0.6	7	22	56	5.79	0.25	0.93	671	20	0.10	4	0.04	<2	<2	<2	175	<5	<3	23
55683	0.2	1.52	<3	68	<3	3.68	1.3	19	23	55	5.58	0.26	1.04	687	14	0.11	9	0.10	<2	<2	<2	51	<5	<3	20
55684	0.2	1.45	<3	71	<3	4.68	0.6	12	36	166	5.82	0.30	1.28	950	12	0.09	3	0.05	<2	<2	<2	46	<5	<3	23
55685	0.2	1.46	<3	74	<3	3.10	0.9	7	24	137	4.17	0.24	0.95	625	11	0.07	4	0.08	<2	<2	<2	38	<5	<3	15
55686	0.2	1.77	<3	157	<3	2.84	<0.1	4	29	88	4.76	0.24	0.97	620	9	0.06	<1	0.08	<2	<2	<2	39	<5	<3	14
55687	0.2	1.72	<3	107	<3	3.99	1.6	6	28	5	4.99	0.28	1.17	738	8	0.09	4	0.08	<2	<2	<2	49	<5	<3	17
55688	0.3	1.47	<3	69	<3	3.44	0.8	4	37	4	4.15	0.24	1.09	599	7	0.08	5	0.07	<2	<2	<2	43	<5	<3	17
55689	0.4	2.18	<3	140	<3	3.43	0.4	4	22	5	4.97	0.26	1.12	623	7	0.10	<1	0.05	<2	<2	<2	50	<5	<3	22
55690	0.3	2.34	<3	119	<3	3.86	<0.1	3	16	35	4.89	0.26	0.87	522	7	0.09	3	0.05	<2	<2	<2	54	<5	<3	27
55691	0.1	2.39	<3	117	<3	3.43	1.3	4	20	5	5.28	0.27	0.80	488	6	0.09	1	0.04	<2	<2	<2	46	<5	<3	28
55692	0.4	2.99	<3	134	<3	2.21	<0.1	4	17	12	5.56	0.28	1.00	485	7	0.10	<1	0.05	<2	<2	<2	32	<5	<3	35
55693	0.4	2.32	<3	88	<3	2.90	1.2	4	14	20	5.40	0.28	0.81	498	9	0.08	<1	0.08	<2	<2	<2	38	<5	<3	27
55694	0.2	2.09	<3	102	<3	3.03	0.5	6	16	6	4.58	0.26	0.92	537	8	0.08	<1	0.05	<2	<2	<2	42	<5	<3	22
55695	0.1	2.56	<3	124	<3	3.01	1.7	9	15	3	5.30	0.29	1.68	587	9	0.09	<1	0.13	<2	<2	<2	35	<5	<3	32
55697	0.3	3.19	<3	173	<3	3.31	1.0	22	37	<1	5.78	0.29	2.28	734	15	0.07	<1	0.08	<2	<2	<2	36	<5	<3	36
55698	0.2	3.30	<3	182	<3	2.48	<0.1	11	20	<1	5.11	0.27	2.13	574	10	0.08	3	0.06	<2	<2	<2	30	<5	<3	35
55699	0.2	2.78	<3	161	<3	2.50	0.3	21	20	2	4.73	0.27	1.62	454	9	0.10	<1	0.04	<2	<2	<2	38	<5	<3	39
55700	0.2	2.61	<3	248	<3	2.16	0.5	15	16	1	4.48	0.24	1.52	431	8	0.08	<1	0.05	<2	<2	<2	52	<5	<3	29
55701	0.5	2.61	<3	752	<3	2.69	1.3	10	8	22	4.90	0.26	1.59	578	9	0.09	<1	0.04	<2	<2	<2	48	<5	<3	32
55702	0.3	2.48	<3	129	<3	1.80	0.3	21	7	192	4.57	0.23	1.35	422	11	0.08	4	0.06	<2	<2	<2	31	<5	<3	31
55703	0.1	1.66	<3	544	<3	3.90	0.4	9	27	67	4.49	0.26	1.18	634	9	0.09	<1	0.06	<2	<2	<2	57	<5	<3	17
55704	0.2	2.69	<3	181	<3	3.02	0.5	8	9	202	5.29	0.30	1.54	616	9	0.10	<1	0.03	<2	<2	<2	39	<5	<3	29
55705	0.6	2.62	<3	384	<3	3.41	0.8	14	37	45	5.47	0.30	1.64	710	13	0.09	<1	0.05	<2	<2	<2	47	<5	<3	28
55706	0.3	1.25	<3	144	<3	5.57	1.1	10	11	18	5.26	0.26	2.02	1046	11	0.09	<1	0.03	<2	<2	<2	47	<5	<3	19
55707	0.1	1.74	<3	184	<3	2.78	<0.1	7	27	100	5.12	0.28	1.48	683	11	0.08	<1	0.06	<2	<2	<2	63	<5	<3	23
55708	0.2	2.75	<3	278	<3	2.44	0.3	13	8	1	5.28	0.29	1.73	601	12	0.07	<1	<0.01	<2	<2	<2	121	<5	<3	31
55709	0.3	2.05	<3	106	<3	2.93	1.2	9	18	13	6.07	0.29	1.58	805	11	0.08	<1	0.03	<2	<2	<2	34	<5	<3	26
55710	0.2	0.67	<3	165	<3	4.68	0.9	7	13	5	4.47	0.24	1.65	905	9	0.07	<1	0.07	5	4	<2	50	<5	<3	16
55711	0.3	1.66	<3	126	<3	3.38	0.2	6	29	<1	4.82	0.28	1.58	798	9	0.07	<1	0.03	<2	<2	<2	39	<5	<3	25
55712	0.4	2.08	<3	125	<3	3.07	0.7	6	27	5	4.90	0.27	1.42	683	10	0.07	<1	0.03	<2	<2	<2	38	<5	<3	23
55713	0.3	1.82	<3	499	<3	3.82	1.6	11	22	16	5.12	0.26	1.57	793	11	0.08	<1	0.05	<2	<2	<2	61	<5	<3	20
55714	0.3	4.30	<3	240	<3	2.21	0.9	14	22	2	5.78	0.28	2.74	760	17	0.08	<1	0.02	<2	<2	<2	39	<5	<3	39
55715	0.3	3.25	<3	186	<3	2.37	1.2	14	42	3	4.43	0.27	2.26	764	15	0.08	<1	0.04	<2	<2	<2	40	<5	<3	30
55716	0.3	4.60	<3	108	<3	1.67	1.3	28	19	<1	6.05	0.27	2.85	716	16	0.11	<1	0.03	<2	<2	<2	60	<5	<3	49
55717	0.4	3.60	<3	74	<3	1.92	1.5	12	15	<1	4.59	0.24	2.37	627	14	0.07	<1	0.05	<2	<2	<2	48	<5	<3	31
55718	0.4	3.84	<3	257	<3	1.58	0.9	13	16	<1	4.80	0.24	2.49	553	12	0.07	<1	0.04	<2	<2	<2	62	<5	<3	33
55719	0.3	3.41	<3	90	<3	2.75	2.1	13	16	9	4.79	0.27	2.55	845	17	0.08	<1	0.02	<2	<2	<2	38	<5	<3	29
55720	0.4	4.57	<3	58	<3	1.40	5.0	21	473	74	5.74	0.27	2.87	652	505	0.09	1948	<0.01	<2	<2	<2	29	<5	<3	37

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 ic - Inefficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

REPORT #: 900672 PA

PANICON DEVELOPMENTS LTD.

PROJECT: JAZZMAN - GAB

DATE IN: OCT 12 1990

DATE OUT: NOV 08 1990

ATTENTION: MR. STEVE TODORUK

PAGE 2 OF 2

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
55721	0.6	5.34	<3	198	<3	1.32	1.0	27	24	391	6.62	0.29	2.95	679	16	0.07	18	<0.01	<2	<2	<2	32	<5	<3	55
55722	0.7	5.22	<3	78	<3	1.16	1.9	27	26	304	7.35	0.27	3.03	826	24	0.07	8	<0.01	<2	<2	<2	21	<5	<3	51
55723	0.3	5.36	<3	45	<3	1.45	2.1	22	27	14	8.23	0.29	3.34	847	19	0.09	14	<0.01	<2	<2	<2	20	<5	<3	50
55724	0.3	4.27	<3	49	<3	2.12	1.0	24	22	37	7.16	0.25	3.05	914	16	0.08	10	<0.01	<2	<2	<2	37	<5	<3	44
55725	0.3	3.71	<3	126	<3	1.96	2.5	19	28	9	7.37	0.27	2.66	809	17	0.08	11	<0.01	<2	<2	<2	77	<5	<3	40
55726	0.4	3.72	<3	47	<3	1.94	1.5	20	22	8	6.33	0.25	2.64	791	15	0.08	14	0.02	<2	<2	<2	34	<5	<3	40
55727	0.7	3.65	<3	22	<3	2.53	1.2	18	24	10	6.69	0.26	2.94	1005	18	0.07	10	<0.01	<2	<2	<2	23	<5	<3	39
55728	0.4	3.42	<3	31	<3	2.96	1.5	16	26	25	6.34	0.26	2.63	1042	16	0.08	12	<0.01	<2	<2	<2	26	<5	<3	34
55729	0.5	3.61	<3	39	<3	1.69	<0.1	11	15	29	6.13	0.26	2.04	623	11	0.07	9	0.05	<2	<2	<2	22	<5	<3	31
55730	0.6	3.58	<3	43	<3	2.51	1.3	11	17	3	5.95	0.26	2.17	776	14	0.08	9	<0.01	<2	<2	<2	45	<5	<3	31

Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1	
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000	
< - Less Than Minimum) - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.																									

VANGEOCHEM LAB LIMITED

APPENDIX VII

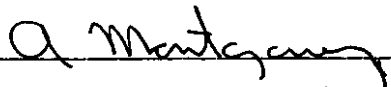
STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, ALLAN T. MONTGOMERY, of 4764 Moss Street, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Geologist in the employment of Pamicon Developments Limited, with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology (Honours).
3. THAT my primary employment since 1985 has been in the field of mineral exploration.
4. THAT my experience has encompassed a wide range of geologic environments and has allowed considerable familiarization with prospecting, geophysical, geochemical and exploration drilling techniques.
5. THAT this report is based on 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 Jazzman Resources Inc. for the use of this report in any prospectus or other documentation required by any regulatory authority.

DATED at Vancouver, B.C., this 20th day of March, 1991.



Allan Montgomery, Geologist

STATEMENT OF QUALIFICATIONS

I, STEVE L. TODORUK, of 6323 Piccadilly Place, West 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 direct or indirect interest in the property described herein or the securities of the company nor do I expect to receive any such interest.
7. THAT I hereby grant permission to Jazzman Resources Inc. 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 20th day of March, 1991.



Steve L. Todoruk, Geologist

APPENDIX VIII

ENGINEER'S CERTIFICATE

ENGINEER'S CERTIFICATE

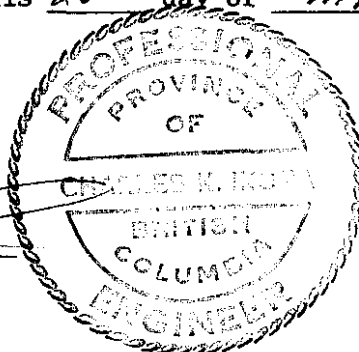
I, CHARLES K. IKONA, of 5 Cowley Court, Port Moody, in the Province of British Columbia, DO HEREBY CERTIFY:

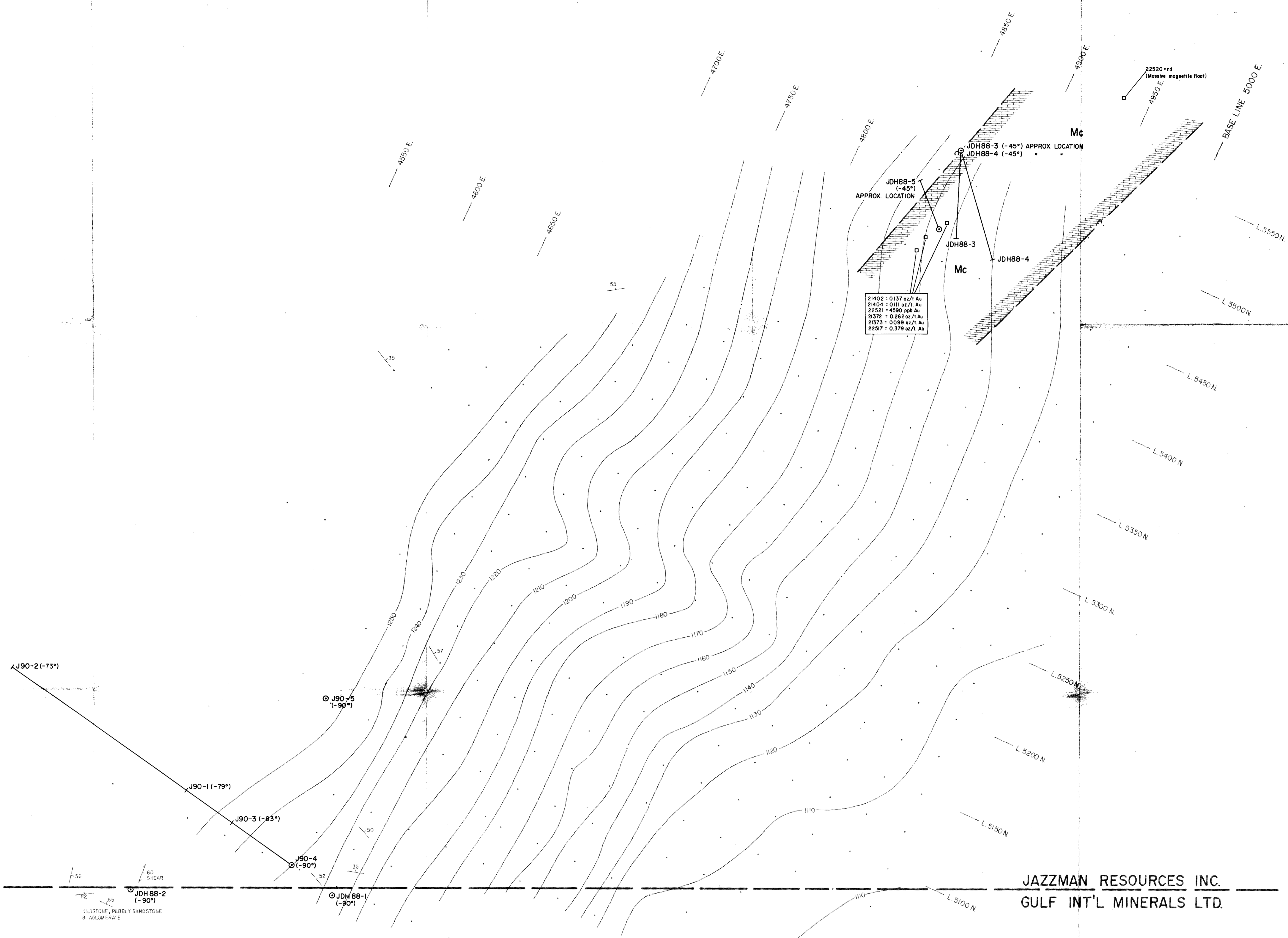
1. THAT I am a Consulting Mining Engineer with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a degree in Mining Engineering.
3. THAT I am a member in good standing of the Association of Professional Engineers 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 direct or indirect interest in the property described herein or the securities of the company nor do I expect to receive any such interest.
6. THAT I consent to the use by Jazzman Resources Inc. 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 20th day of MARCH, 1991.



Charles K. Ikona, P.Eng.





21402	= 0.137 oz/t Au
21404	= 0.111 oz/t Au
22521	= 4590 ppm Au
21372	= 0.262 oz/t Au
21375	= 0.099 oz/t Au
21407	= 0.379 oz/t Au

JAZZMAN RESOURCES INC.
GULF INT'L MINERALS LTD.

LEGEND

- 1990 & 1988 DRILL HOLE SURFACE PROJECTION
HOLE NUMBER / DIP
- 1988 ROCK SAMPLE OF SIGNIFICANCE
- MISSISSIPPIAN LIMESTONE
APPROXIMATE SURFACE PROJECTION
- ELEVATION CONTOUR, METRES; (25 m SPACED ELEVATION POINTS
SURVEYED USING TOTAL STATION - EDM)
- 1990 GRID STATION

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SCALE 1:1000



NORTHWEST ZONE

GULF INT'L MINERALS LTD.
DDH 88-20 (1.1 m - 0.374 oz/t Au, 1.59 % Cu)
88-21 (0.5 m - 1.178 oz/t Au)
88-22

JAZZMAN RESOURCES INC.			
GAB 9 CLAIM			
DRILL HOLE PLAN MAP			
LIARD MINING DIVISION, B.C.			
PAMICON DEVELOPMENTS LTD.			
DRAWN	N.T.S.	DATE	FIG.
J.W.	1048/15W	MARCH, 1991	7

METRES A.M.S.L.

1250.0 m

1200.0 m

1150.0 m

1100.0 m

1050.0 m

1000.0 m

950.0 m

900.0 m

850.0 m

800.0 m

750.0 m

700.0 m

650.0 m

600.0 m

295° ← → 115°

JDH88-2 (-90°) 295°
EL. 1260 m

J90-1 (-79°)
J90-2 (-74°)
J90-3 (-83°)
J90-4 (-90°)
EL. 1233 m

JDH88-1 (-90°)
EL. 1217 m

JDH88-2
E.O.H. = 309.0 m

JDH88-1
E.O.H. = 324.6 m

J90-1
E.O.H. = 398.7 m

J90-3
E.O.H. = 388 m

J90-4
E.O.H. = 576.0 m

456.6 m initial E.O.H.
later extended to 676.3 m

RED JASPER

QUARTZ-SERICITE-DOLOMITE
ALTERATION: LOWER LIMIT

FAULT GOUGE

BRECCIA

FAULT GOUGE

QUARTZ-SERICITE-DOLOMITE
ALTERATION

MARBLIZED

DOLOMITIZED

QUARTZ-SERICITE-DOLOMITE
ALTERATION UPPER LIMIT

CARBONATE
HORIZON

351.1 m initial E.O.H.
later extended to 576.0 m

LEGEND

○ DRILL HOLE (NOTE: 1988 RESULTS TO LEFT OF HOLE, 1990 RESULTS TO RIGHT)
As (pbb or opt)
ns = NO SAMPLE
nd = NON-DETECTABLE

— PROJECTED GEOLOGICAL CONTACT

LITHOLOGIES

- PALEOZOIC
- 1 ASH TUFF - VOLCANIC SANDSTONE / TUFF / WACKE
 - 2 VOLCANIC CONGLOMERATE / BRECCIA
 - 3 DARK GREY TUFF (CL ARGILLITE) / INTERBEDDED SANDSTONE, SILTSTONE
 - 4 CRINOIDAL LIMESTONE, DOLOMITIZED, MARBLIZED
 - 5 PLAGIOCLASE PORPHYRY (SUBVOLCANIC INTRUSIVE DYKE OR FLOW)
 - 6 FINE-GRAINED CRYSTAL FLOW

Scale 1:500
0 10 20 30 40 50 m

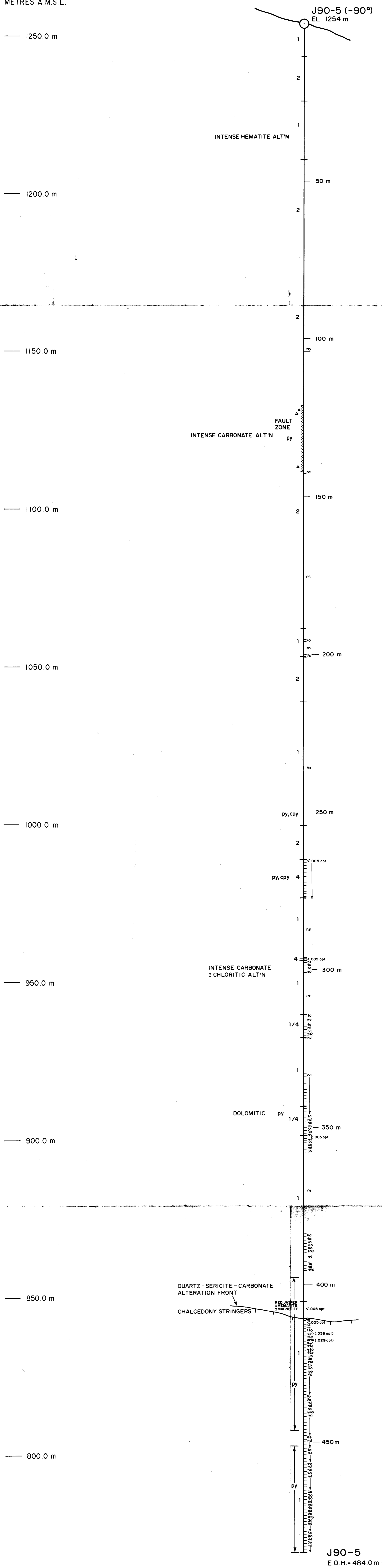
JAZZMAN RESOURCES INC
GAB 9 CLAIM
DRILL SECTION
HOLES J90-1 TO J90-4
JDH88-1 & JDH88-2
LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.
DRAWN B.E.M. N.T.S. 104B/15W DATE MARCH 1991 FIG No 8

21
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ASSESSMENT REPORT

295° ← → 115°

METRES A.M.S.L.



LEGEND

DRILL HOLE
 Au (ppb or opt)
 ns = NO SAMPLE; nd = NON-DETECTABLE
 py = PYRITE

PROJECTED GEOLOGICAL CONTACT

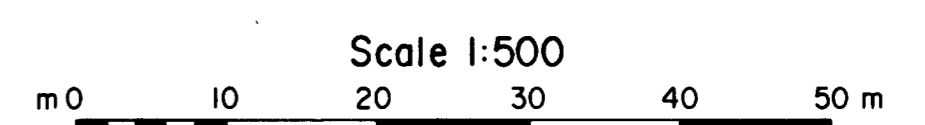
LITHOLOGIES

PALEOZOIC

- 1 ASH TUFF - VOLCANIC SANDSTONE / LAPILLI TUFF / WACKE
- 2 VOLCANIC CONGLOMERATE / BRECCIA
- 3 DARK GREY TUFF (cf. ARGILLITE) / INTERBEDDED SANDSTONE, SILTSTONE
- 4 CRINOIDAL LIMESTONE, DOLOMITIZED, MARBLIZED
- 5 PLAGIOCLASE / PYRITE / VOLCANIC INTRUSIVE DYKE OR FLOW
- 6 FINE-GRAINED CRYSTAL FLOW

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

21,152



JAZZMAN RESOURCES INC.

**GAB 9 CLAIM
 DRILL SECTION
 J90-5**

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN B.E.M.	NTS. 104B/15W	DATE MARCH 1991	FIG.No. 9
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