SUMMARY GEOLOGICAL REPORT
ON THE
LISA 1, MIKEY 1, JADE 1, JUMBO 1
AND RALPHUS MINERAL CLAIMS

- prepared for -

SOUTH UNUK GOLD CORP.

Located in the Iskut River Area
Skeena Mining Division
NTS 104B/7, 8
56°27' North Latitude
130°00' West Longitude

- prepared by -

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January, 1991

SUMMARY GEOLOGICAL REPORT on the LISA 1, MIKEY 1,
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SUMMARY GEOLOGICAL REPORT on the LISA 1, MIKEY 1, JADE 1, JUMBO 1 and RALPHUS MINERAL CLAIMS

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APPENDICES

1.0 INTRODUCTION

A program consisting of geological mapping, soil geochemistry and prospecting was initiated on the South Unuk Gold property from August 22 to October 3, 1990.

This program was designed to evaluate and assess existing mineralization on the property and to locate and assess new mineralization. During the program the Chris and Anne showings (Minfile 104B-125) were traced along strike over 1.2 km. These showings consist of diopside-magnetite skarns with local pyrrhotite and chalcopyrite. Sampling to the south of this zone has extended the known strike to approximately 1.6 km. Rock samples were collected over the zone to test the gold potential of this skarn.

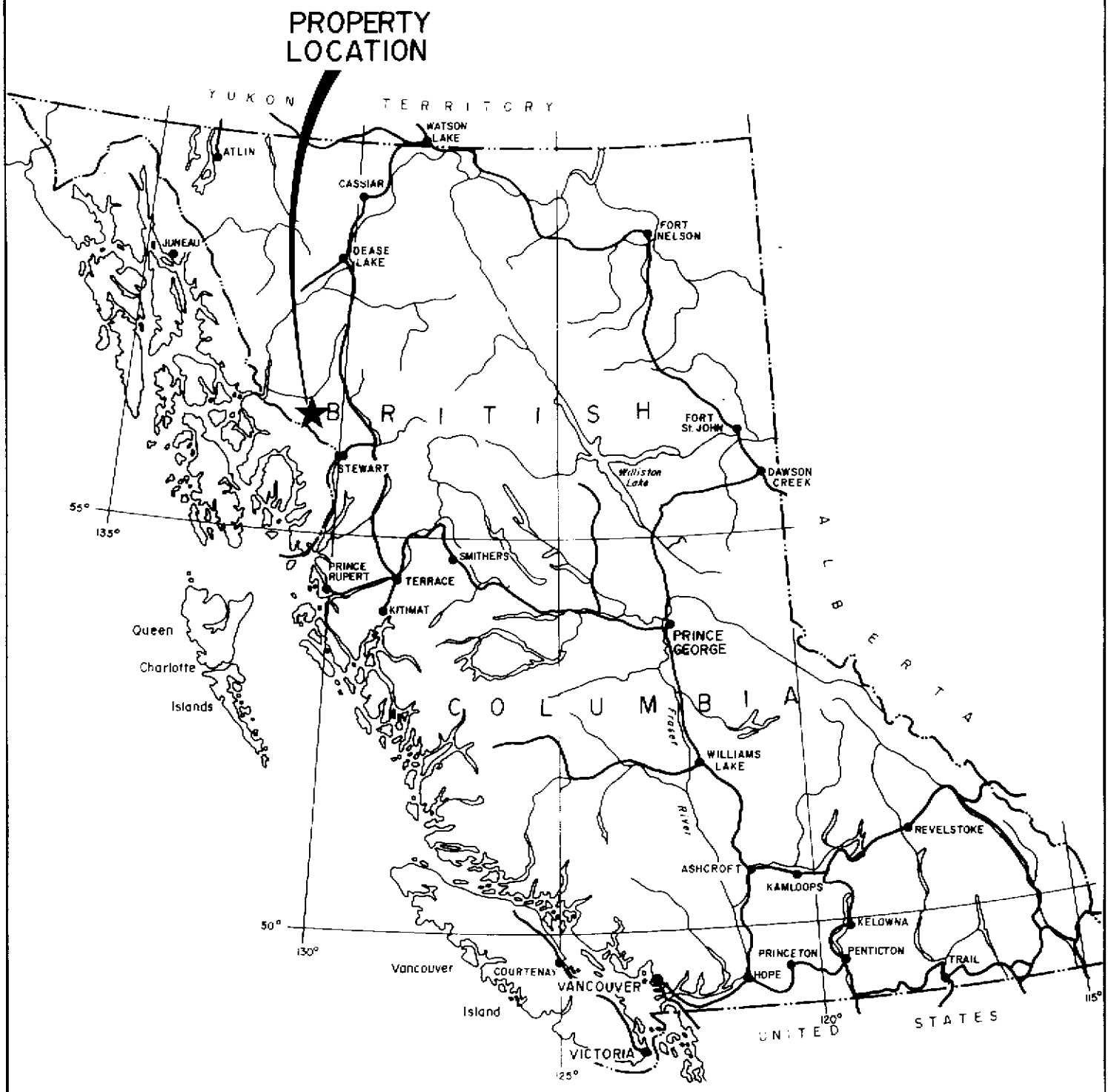
Small shear hosted and vein type showings were located on the higher elevations of the property. Local malachite and chalcopyrite in shears and galena, sphalerite, chalcopyrite in quartz-carbonate veins were found close to a dioritic intrusive. Local hornfelsing and limonitic gossans also occur around the intrusive and were also sampled for base and precious metal content.

High grade gold-bearing quartz veins and amethyst-galena-jasper fracture related mineralization, also found at higher elevations, represent additional new discoveries.

2.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The South Unuk Gold group is located within the Skeena Mining Division approximately 65 km northwest of Stewart in the South Unuk River area of northwestern British Columbia.

The property lies on the west side of the South Unuk River close to it's confluence with the Unuk River. The Stewart-Cassiar Highway is located some 60 km to the northeast. Access via fixed wing aircraft to Cominco's Bronson Airstrip on the Iskut River then by helicopter to the South Unuk River is possible. Alternately helicopter access is available via Stewart, B.C.



SOUTH UNUK GOLD CORP.

MIKEY 1, LISA 1, JADE 1, JUMBO 1, RALPHUS CLAIMS
PROPERTY LOCATION MAP

SKEENA MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIGURE.
J.W.	104 B/7,8	JAN. 1991	1

The South Unuk River occupies a U-shaped valley with flood plains and braids 300 to 600 m wide. Valley slopes are steep to moderately inclined and heavily vegetated. Outcrop along valley slopes is restricted to creek beds and precipitous, resistive areas.

Slopes are covered with sitka spruce, balsam and hemlock with local ground-cover of devil's club. Extensive slide areas are choked with a dense tangle of slide alder, salmonberry and devil's club thus eliminating much of this area from previous work.

Treeline is approximately 4,000 feet and yields to subalpine scrub and meadows. Higher areas (4,600' plus) are well within alpine climate with 25% snow coverage. Outcrop is extensive in these areas.

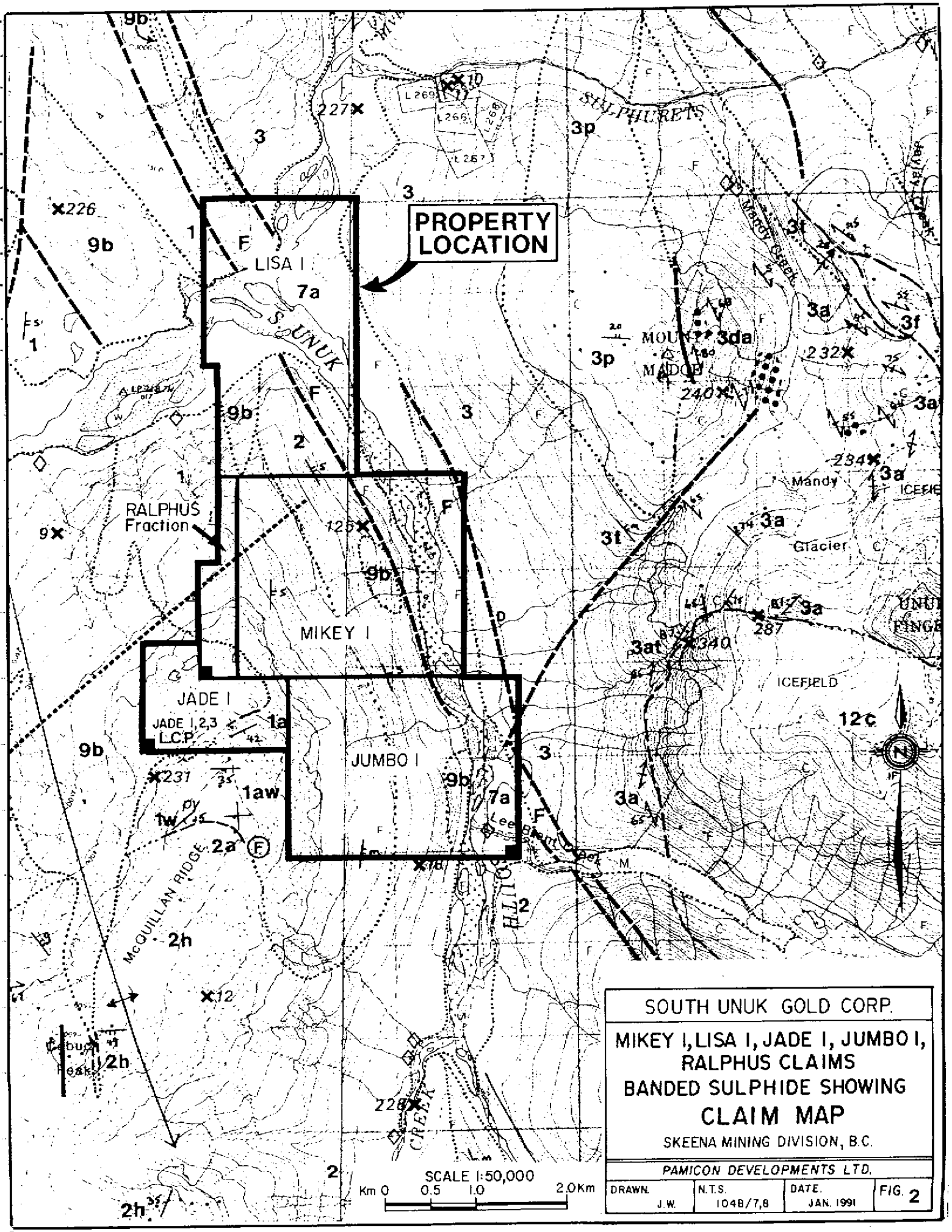
3.0 LIST OF CLAIMS

The South Unuk Gold property consists of four mineral claims and one fractional claim covering approximately 64 units. According to government records all claims are owned by South Unuk Gold Corp. The following table summarizes the claims.

Claim Name	Record Number	No. of Units	Expiry Date
Lisa 1	6246	18	June 22, 1992
Mikey 1	6247	20	June 22, 1992
Jumbo 1	6731	20	June 27, 1992
Jade 1*	6733	6	June 27, 1992
Ralphus (fr)	6675	1	May 13, 1992

*Note: LCP location error

Due to an error in locating the legal corner post during staking of the Jade 1-3 claims an overstaking of claims exists. Subsequently the Jade 1 claim has been reduced from 20 to approximately 6 units. Possible fractions should be investigated both on the ground and through the Mineral Titles Branch.


PROPERTY LOCATION
LISA I
MIKEY I
JADE I
JADE 1,2,3 L.C.P.
JUMBO I
RALPHUS Fraction
SULPHURETS
MOUNT MADGE
Mandy Creek
Glacier
ICEFIELD
McQUILLAN RIDGE
SCALE 1:50,000
Km 0 0.5 1.0 2.0Km
SOUTH UNUK GOLD CORP.
MIKEY I, LISA I, JADE I, JUMBO I, RALPHUS CLAIMS
BANDED SULPHIDE SHOWING
CLAIM MAP
SKEENA MINING DIVISION, B.C.
PAMICON DEVELOPMENTS LTD.
DRAWN. J.W.
N.T.S. 104B/7,8
DATE. JAN. 1991
FIG. 2

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.

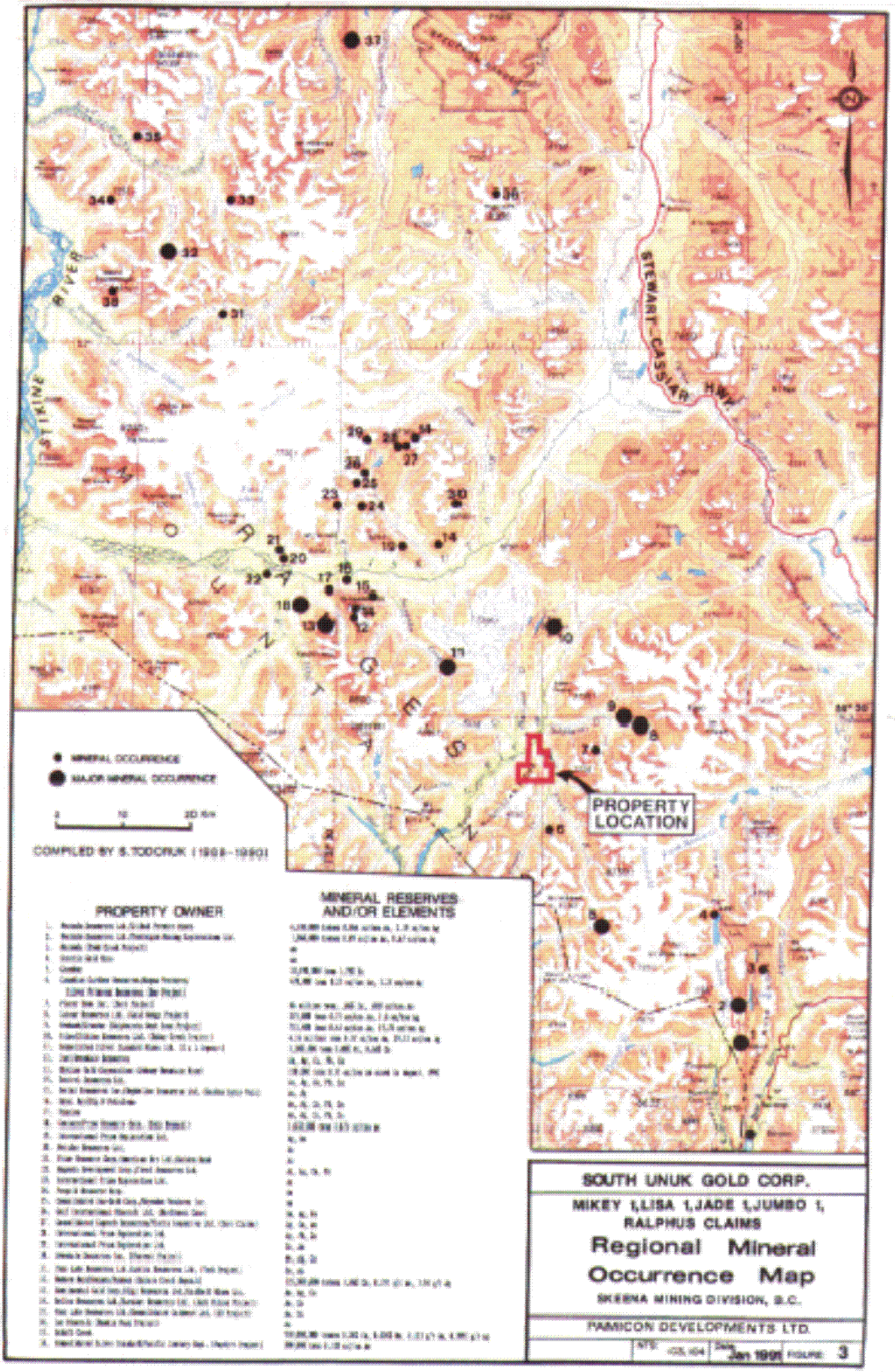
This area of approximately 10,000 square kilometres has historically been referred to as the Stikine Arch. Mining activity within it goes back to the turn of the century. Due to the large size of the region it has been referred to in more specific areas which range from the Stewart area to Sulphurets,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

1900 - 1975

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

* discovery of copper, gold, silver mineralization at Bronson Creek in the Iskut


STIKINE RIVER
STEWART-CASSIAR HWY
PROPERTY LOCATION
MINERAL OCCURRENCE
MAJOR MINERAL OCCURRENCE
0 10 20 Km
COMPILED BY S.TODORUK (1988-1990)
PROPERTY OWNER
MINERAL RESERVES AND/OR ELEMENTS
SOUTH UNUK GOLD CORP.
MIKEY 1, LISA 1, JADE 1, JUMBO 1, RALPHUS CLAIMS
Regional Mineral Occurrence Map
SKEENA MINING DIVISION, B.C.
PAMICON DEVELOPMENTS LTD.
SYS: 025, 104
Date: Jan 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.

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

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

1975 - Present

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

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

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

Company	Deposit	Area	Short Tons	Au (oz/t)	Ag (oz/t)	Ref.
Cominco/Prime	Snip	Iskut	1,032,000	0.875		Note 1
Newhawk/Lacana	West Zone	Sulphurets	550,400	0.420	18.00	Note 2
	Sulphurets Lake Zone	Sulphurets	20,000,000	0.08		Note 3
Catear Resources	Gold Wedge	Sulphurets	295,000	0.835	2.44	Note 4
Westmin Silbak	Silbak	Stewart	5,770,000	2.06 g/t	86.3 g/t	
Magna/Silver Princess Cdn Cariboo	Doc	South Unuk	426,000	9.26 g/t	44.91 g/t	Note 5

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
Note 5: BCMEMPR Geological Field Work 1988, p. 248

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 where fast paced exploration and development is outlining one of B.C.'s most significant mineral deposits. The 1988/89 work on this project of Prime/Stikine Resources indicates a major gold-silver-base metal mineral deposit of possible volcanogenic massive sulphide and epithermal affinity with a minimum strike length of 1800 metres. Some notable 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).

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

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

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

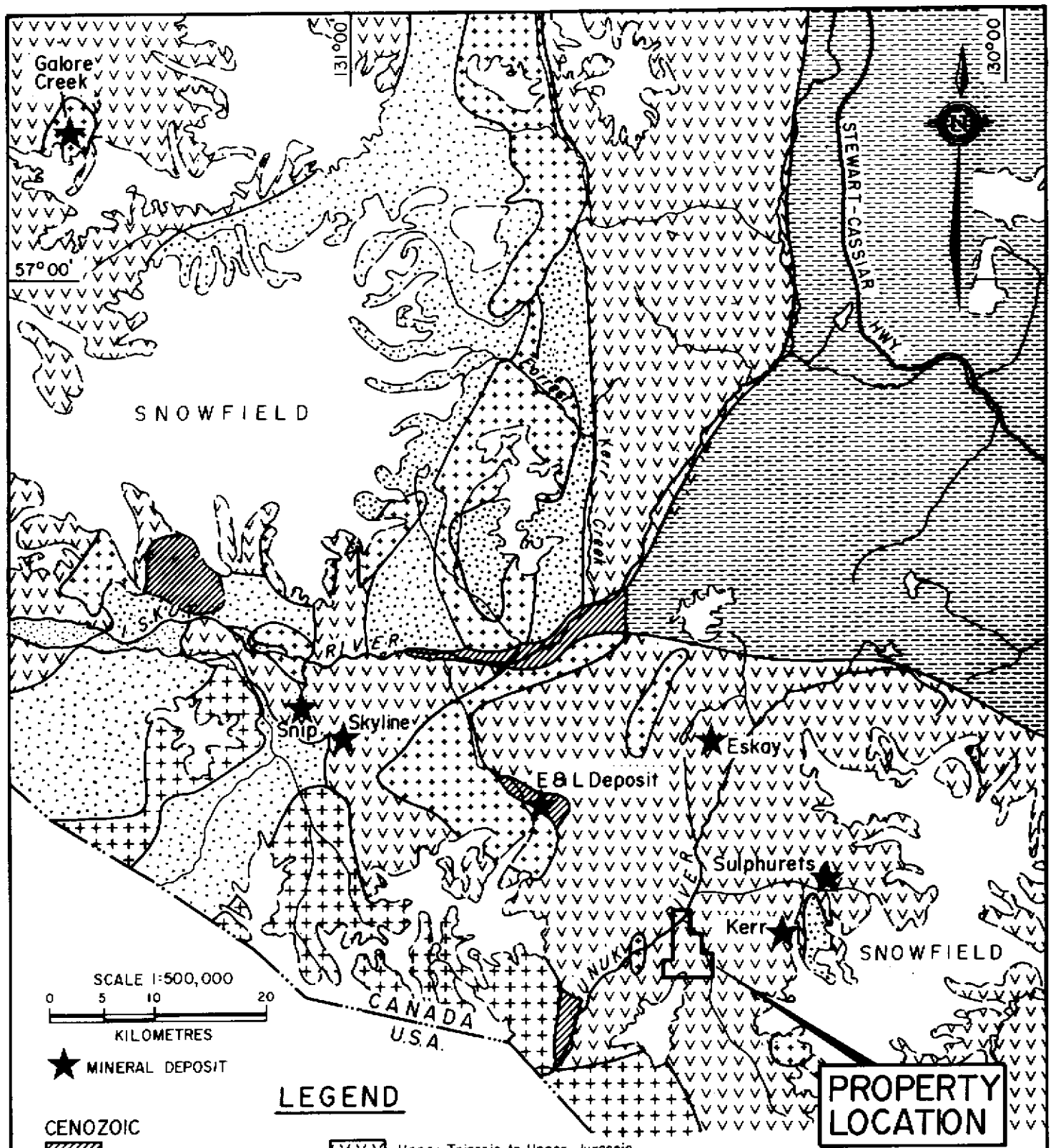
Recent drilling of a newly discovered showing of possible volcanogenic massive sulphide affinity, on ground along the Iskut River held by Eurus Resources Corp./Thios Resources Inc. returned significant base and precious metal intercepts. Hole RR90-1 returned 31.7 feet of 0.080 oz/ton Au, 25.7 oz/ton Ag, 2.07% Pb, 5.35% Zn and 0.58% Cu.

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

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

5.0 REGIONAL GEOLOGY

The geology of the Iskut-Galore-Eskay-Sulphurets area has undergone considerable study in the past few years by industry, federal and provincial geologists (Figures 4 and 5). Much of this work stemmed from Grove's mapping of the Stewart Complex (Grove, 1968, 1972, 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.



LEGEND

CENOZOIC

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

MESOZOIC

- Jurassic and Tertiary intrusives, felsic to intermediate
- Middle to Upper Jurassic Bowser Lake Group clastic sediments
- Upper Triassic to Upper Jurassic volcanics and sediments, Hazelton and Stuhini Groups

PALEOZOIC

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

Geology interpreted from G.S.C. Map 11-1971, 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.

SOUTH UNUK GOLD CORP.

SIMPLIFIED REGIONAL GEOLOGY

SKEENA MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn	N.T.S.	Date	FIG.
J.W.	103, 104	JAN. 1991	4

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 volcaniclastics, felsic crystal tuffs, pebble conglomerate and siliceous shale.

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

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

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

Plutonic Rocks - Coast Plutonic Complex

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

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

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

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; 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 is correlative with Grove's (1986) Salmon River Formation and Alldrick's (1987) Mount Dilworth Formation.

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

relationship, lower members of the Hazelton Group are considered the most favourable targets for exploration.

Spatsizi Group Sedimentary Rocks

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

Bowser Group Sedimentary Rocks

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

CENOZOIC VOLCANIC ROCKS

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

PLUTONIC ROCKS

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

5.1 LOCAL GEOLOGY

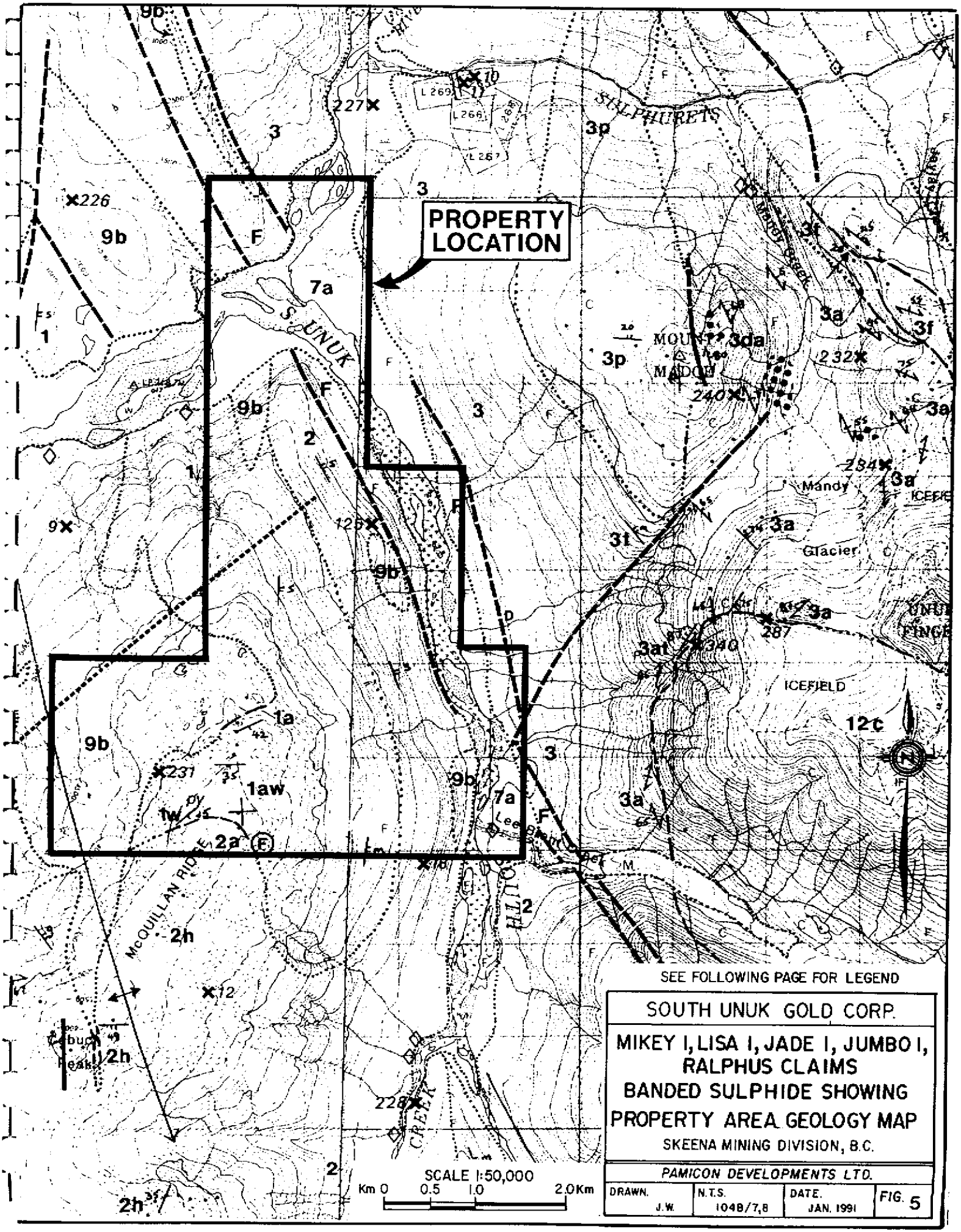
The South Unuk Gold property is located approximately 15 km northeast of the contact between the Coast Plutonic Complex and the Intermontaine Tectonic Belt, within the Paleozoic-Mesozoic Stikinia terrane (Anderson, 1989).

Within the area stratigraphy consists of Triassic (Stuhini Group) volcano-sedimentary sequences overlain by Triassic-Jurassic volcanic and sedimentary formations correlative with the Hazelton Group (Britton, Webster, Alldrick, 1988). These sequences represent volcano-sedimentary Island Arc complexes capped by distal, basinal sediments (Britton, Webster, Alldrick, 1988).

Intrusive complexes span Tertiary to Triassic periods and range from gabbroic to monzodiorite compositions. Extensive biotite-hornblende diorites of the Jurassic Unuk River diorite suite are common near the Unuk and South Unuk Rivers.

Remnants of Pliestocene to Recent basaltic volcanism are preserved west of the Unuk River-Harrymel River drainages (Britton, Webster, Alldrick, 1988).

Regional faulting is dominated by a northwest trending belt of shearing which follows or in places parallels the South Unuk River. This represents a major normal fault which has moved the northeast side down. This zone has been



SEE FOLLOWING PAGE FOR LEGEND

SOUTH UNUK GOLD CORP.

MIKEY I, LISA I, JADE I, JUMBO I, RALPHUS CLAIMS

BANDED SULPHIDE SHOWING

PROPERTY AREA GEOLOGY MAP

SKEENA MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104B/7,8	JAN. 1991	5

Geological boundary (defined, approximate, assumed)

Bedding, tops known (horizontal, inclined, vertical, overturned)

Bedding, tops unknown (horizontal, inclined, vertical)

Bedding, estimated dip (gentle, moderate, steep)

Stratigraphic tops in pillow volcanics

Compositional layering in metamorphosed rocks; foliation (inclined, vertical)

Trend line

Regional anticline; syncline

Antiform; synform (normal, overturned)

Minor fold axis with M, Z or S symmetry; with plunge

Fault (defined, assumed; D = downthrown side)

Thrust fault (defined, assumed; teeth on upper plate)

Air photo lineament

Fossil locality

Flamme

Area with more than 40% Tertiary dykes

Limit of major phyllite zone

Volcanic vent (observed, assumed)

Geologic station

National geochemical reconnaissance sample site

Potassium-argon isotopic age site; H = hornblende; age in millions of years before present

Mineral occurrence; MINFILE number — ×83

Adit

MINERAL OCCURRENCES

MINFILE NUMBER (104B)	NAME	COMMODITY
6	E & L	Ni Cu Pt Ag Ti Au
7	Copper King, Lehto	Cu Fe
8	MacKay	Au Ag Pb Zn Cu
−9	Har, Jim, Max	Cu Fe
−10	Fox, Ox	Magnetite
−11	Cumberland, Daly	Au Ag Zn Cu Pb Ba
−12	McQuillan	Cu Fe
13	Max, Granduc	Fe Cu
14	Doc, Gracey	Au Ag Cu Pb Zn
15	Globe, Doc	Au Ag Pb
17	Gold Run	Au Pb Zn
−18	Unuk Jumbo	Cu
19	Florence	Pb Cu Au
20	Sulphurets Creek Placer	Au
72	Bruce Glacier	Zn
79	V V, Mt. Dunn	Cu Au Ag Mo
80	Harrymel Creek	Cu
81	Tag	Cu
83	Unuk (Zone 1)	Ag Pb
85	Barb Lake	Au Ag
87	Up, Bliss 3	Cu Au Pb
96	Unuk River	Cu
97	Fewright	Cu Ag Au Pb
98	Canyon Creek	Au Pb Zn
119	Harrymel Creek South	Cu
−125	Chris, Anne	Cu Fe
134	DC	Pb
152	Eric 2, Mount Dunn	Zn
175	Gingrass Creek	Asbestos, Cu
184	Sulphurets Lake	Au Ag Cu
209	Cole, Boot	Cu Ag Au
215	Divel	Pb Cu
216	Bliss 1	Cu
217	Bliss 4	Cu
218	Mal	Cu
219	Jim, Flory	Cu Fe
220	McQuillan Ridge	Cu
221	Gracey Creek	Cu
222	Cebuck Creek, Max	Au, Ag
223	Fewright Creek Placer	Au
224	Homer 3	Cu
225	Six Mile 2	Cu
−226	North Fork	Cu
−227	Sulphide Creek Placer	Au
−228	GC	Cu
229	Granite Creek	Cu
230	Iliad	Zn Fe
−231	Fred, Dan	Cu
−232	Tet	Cu
233	GFJ, Corey	Au Ag Cu Zn
−234	Mandy Glacier	Cu
235	Unuk Finger	Cu
236	Ted Morris Glacier	Cu
237	TMG	Cu
238	That 5	Cu
239	Corey 16	Cu
−240	C-10, Mount Madge	Au Ag Cu Zn
279	Mike Peak	Asbestos
−287	Corey 6	Cu
327	Cam South	Cu Pb Zn Mo
−340	Corey South	Au Ag
344	Unuk (Zone 2)	Au Cu
352	Colagh	Cu Pb Zn
354	Elgar	Au Ag Pb Zn Cu

GEOLOGY BY D.J. ALLDRICK, J.M. BRITTON, I.C.L. WEBSTER AND C.W.P. RUSSELL

COMPILED BY J.M.BRITTON

GEOLOGICAL SURVEY BRANCH

OPEN FILE MAP 1989-10

12 COAST PLUTONIC COMPLEX

- 12a *Biotite granite*
- 12b *Hornblende-biotite quartz diorite*
- 12c *Lee Brant Stock: K-feldspar porphyry, hornblende-biotite quartz monzonite*

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

- 9a *John Peaks melanocratic hornblende diorite*
- 9b *Max biotite-hornblende diorite; quartz diorite*
- 9c *Melville hornblende-biotite diorite to quartz diorite*
- 9d *Doc Ridge biotite monzodiorite*

LOWER JURASSIC (PLIENSBACHIAN TO TOARCIAN)

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

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

UPPER TRIASSIC TO LOWER JURASSIC (NORIAN TO SINEMURIAN)

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

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

TRIASSIC

STUHINI GROUP

UPPER TRIASSIC (CARNIAN TO NORIAN)

1 *LOWER VOLCANOSEDIMENTARY SEQUENCE: Brown, black and grey, mixed sedimentary rocks interbedded with medium to dark green, mafic to intermediate volcanic and volcaniclastic rocks*

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

interpreted as a long lived crustal break and passes directly through the South Unuk Gold property (Britton, Webster, Alldrick, 1988).

Regional folding is tentative and poorly understood especially in the lower stratigraphic units of the Hazelton and Stuhini groups. Regional penetrative foliation was not displayed on the South Unuk Gold property. However, regional, northwest trending broad structures have been proposed (Britton, Webster, Alldrick, 1988).

6.0 PROPERTY GEOLOGY (Figure 6)

The South Unuk Gold property is underlain by rocks of both the Stuhini and Hazelton Formations. All units have a general northwest strike and steep to moderate easterly dip. Local variations in bedding attitudes are common close to the contact with a large mass of diorite (Unit 9). The doming effect of the intrusion is attributed to this shift in bedding attitudes. Lithologies of both the Stuhini and lower Hazelton (Unuk River Formation) are in many respects equivalent and locally difficult to differentiate. Property stratigraphy has been defined according to the classification imposed by Britton, Webster and Alldrick, (1988) in order to remain consistent with regional initiatives.

In general more sediment input was recognized in the Unuk River Formation (Unit 2) with minor carbonate (marble) sequences. Dominantly, Unit 2 consists of medium grained sandstones locally hornfelsed and calc-silicate altered. Presumably much of these sediments were calcareous at time of deposition thus leading to the abundant skarn development in this unit (Chris, Anne showings). Strong, vertical shear foliations and transposition of bedding was noted on the west bank of the Unuk and is attributed to Alldrick's (et al) northwest trending South Unuk shear zone.

Unit 1, or Stuhini Group, stratigraphy can be described as dominated by volcanic tuffs and breccias within the property boundary. Fine grained

siltstone is less common and generally interbedded with volcanics. Limestone fragments (rip-ups) are seen in volcaniclastics high in stratigraphy. Local lapilli tuff and hyaloclastite-quench textures are also evident. Strong hornfelsing of units juxtaposed against a diorite intrusive (Unit 9b) is common and is used to define the intrusive contact.

Dominant faulting trends are 050/vertical and 130/vertical. Synthetic brittle-ductile shears are well developed between these two trends and contain scant mineralization. Shearing and faulting is likely syn-post intrusive stage.

7.0 DISCUSSION OF PREVIOUS SAMPLING

Sampling from 1981 and 1988 programs was reviewed, compiled and ground checked for quality and consistency. The following are observations which are important for interpretation.

1. Panned concentrate samples were taken on sandbars in the South Unuk River (assuming locations are plotted correctly) in 1988. The South Unuk River is, historically, well known for placer gold content. River bar sampling indicates only distal source gold and is thus not considered useful in effectively locating mineralized targets.

2. Panned concentrate samples were taken in creekbeds, at low elevations, during 1988. Some of these were anomalous (80 to 120 ppb) in gold content. However, during geology traverses a glacial till bench was noticed at an elevation above these samples. Sampling above the glacial till would prove difficult due to the steep gradient and lack of material.

3. Sample DJ-31 was a float sample taken in the river bed. Field notes indicate the sample was a quartz vein boulder containing galena. The South Unuk River is a fast flowing stream and carries a large sediment

output. Large quartz veins were not discovered on this part of the property. Again a distal source is likely.

4. Previous sampling on the Chris, Anne showings indicates consistent low (<.05%) copper content and low (20 ppb average) gold content. Sampling in 1990 concentrated on chalcopyrite-pyrrhotite rich areas to check for possible precious metal content in these zones.

8.0 GEOCHEMISTRY

8.1 INTRODUCTION

During 1988 a program of geological mapping, rock and stream silt sampling was undertaken on the South Unuk Gold property. This program yielded numerous anomalous (>85 ppb) gold values located in streams directly below the Chris and Anne showings. A summary of anomalous values are presented in Figures 7 and 8. The highest gold value obtained was 3,380 ppb Au in Sample DL-28 located at an elevation of 1,500 feet above sea level.

During 1990 follow-up contour soil geochemistry in the north area of the property over areas of coincident silt sediment anomalies revealed no significant values. Very weak anomalous gold values (20 to 30 ppb Au) are restricted immediately adjacent to some creeks. To the south, in the area of Sample DL-28 limited soil sampling also revealed no significant values. However, regardless of location, these silt samples do represent moderate to high anomalous values and as such warrant follow up work. This could be achieved with a carefully designed soil geochemistry program following line cutting in the area. This would coincide with other proposed work initiated on the Chris and Anne showings in the future.

8.2 DISCUSSION

A total of 251 soil samples were collected from the property primarily along the eastern edge of the claims. Sample traverses consisted of contour lines at specific elevations as designated on Figures 7 through 10. Soil samples were collected every 25 metres along lines with depths varying from 5 to 75 cm. Material sampled is generally of a B-C horizon. Complete soil description information was noted and listed on soil sample description forms. Analytical methods are appended to this report.

Geochemical values for gold, silver and copper are plotted at a scale of 1:5,000 on Figures 8, 9 and 10. Specific attention was focussed on the area of the Chris and Anne skarn showings where pyrrhotite $\pm$ chalcopyrite $\pm$ magnetite mineralization had been found prior to 1990. It is interpreted that the Banded Sulphide Showing south of the Chris and Anne showings is a southerly extension of this zone. Rock samples of this style of mineralization have to date produced only geochemically anomalous base and precious metal values. Correspondingly, soil geochemistry plots of Au, Ag and Cu show no distinct anomalous areas of interest in this area. Gold values range up to 35 ppb Au, silver up to 5.1 ppm Ag and copper with one spot high of 1,323 ppm Cu.

Along the western edge of the claims on L1240 several stations yielded values greater than 100 ppm Cu and 1.0 ppm Ag. Gold values were generally low.

9.0 MINERALIZATION

Mapping and sampling on the South Unuk Gold property focused primarily on the stratigraphy above the Chris and Anne skarn showings. This was done to test the property for precious metal content close or proximal to the diorite-Hazelton Formation contact. However, one day was spent mapping and sampling the Chris, Anne showings in order to confirm its location, strike, and the absence of precious metal content.

The Chris and Anne showings (Figure 7) consist of diopside magnetite skarn with fine bands of pyrrhotite and chalcopyrite. Banding within the zone is commonly parallel to the South Unuk shear and is interpreted as a structurally induced fabric. More massive zones comprised of magnetite occur uphill and away from the shear. The skarn is hosted within hornfelsed and calc-silicate altered sandstones and siltstones. Minor white-sucrosic marble was mapped in the footwall of the zone. In total the zone was traced over a 1.6 km strike with widths attaining 0.5 to 7 metres. Previous geophysical-mag surveying aided in following the strike of the zone.

In total 17 rock samples were collected across the strike of this zone. Sampling of chalcopyrite, pyrrhotite, and magnetite rich areas revealed consistently weak anomalous base and precious metal content. Higher amounts of iron are ubiquitous.

Four styles of mineralization were noted on the upper part of the property. Extensive limonitic gossans, associated with hornfelsing, are common around the diorite intrusive contact. Generally, 2% to 5% fine grained pyrite is pervasive and disseminated. Local massive pyrite veins occur in fractures. Only trace amounts of base metal (Cu) were identified.

Chloritic shears with sparse malachite, chalcopyrite and pyrite are common. Local quartz veining (0.2 m) is apparent near these zones.

Ankeritic shear zones hosting mineralized quartz-carbonate veins are also common. Galena, sphalerite and chalcopyrite in small amounts were noted and sampled (see Section 9.5).

Quartz vein breccias were located within and near the intrusive contact. Malachite and trace chalcopyrite were noted and sampled. Widths did not exceed 0.3 m and strikes were less than 10 m (see Section 9.2).

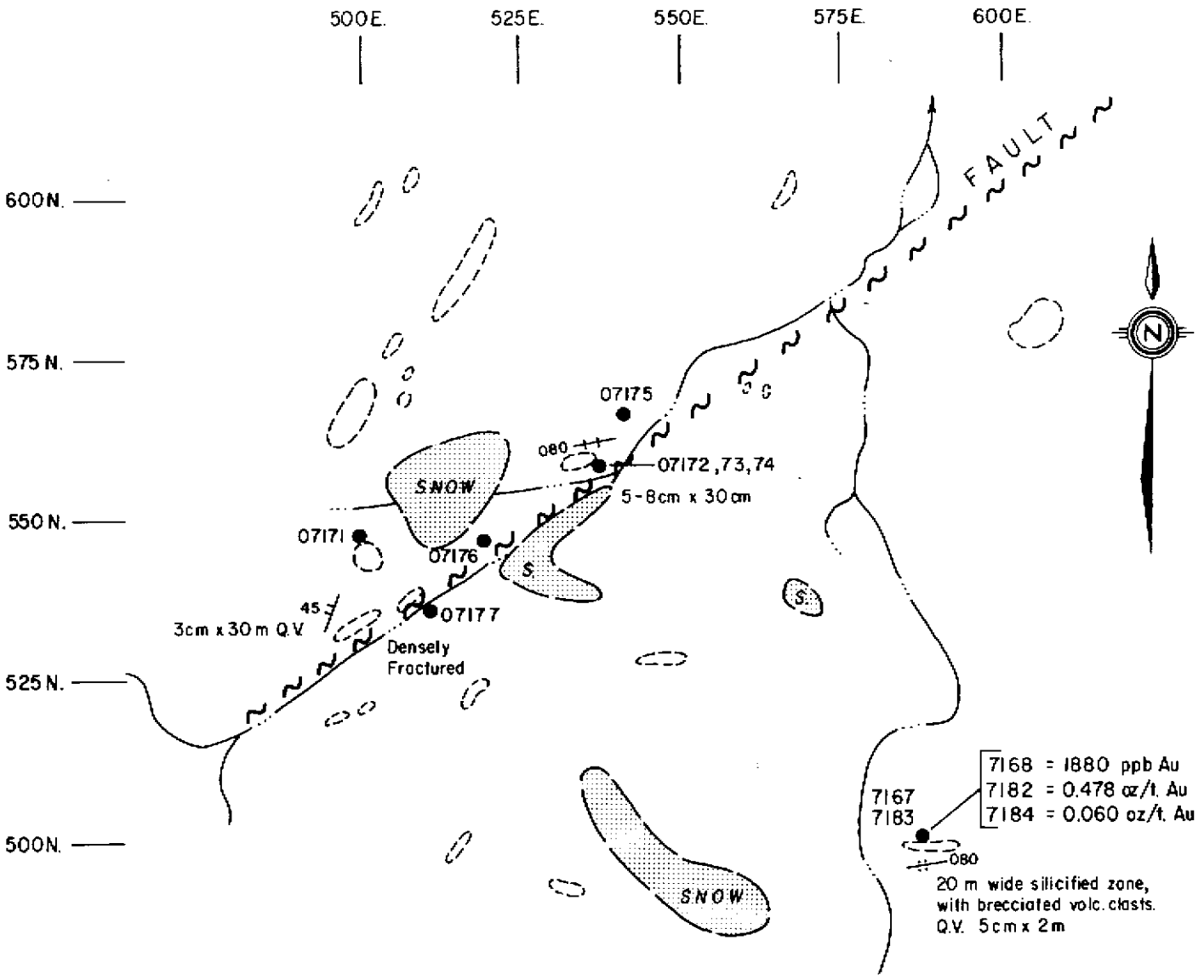
9.1 GOLDEN JADE SHOWING

At an elevation of approximately 1500 metres above sea level and 500 metres east of the Jade 1 legal corner post location, several pieces of angular limonitic and mineralized quartz vein blocks were traced around the edges of a small and relatively narrow glacier (Figure 7). Mineralization consists of weak to massive pyrite and chalcopyrite in intensely fractured quartz. The source of these blocks has not yet been located but because of their angularity it is believed to be quite proximal. Assays of samples from this area are summarized below:

Sample Number	Ag (ppm)	Cu (ppm)	Cu (%)	Au (oz/ton)
43559	1.0	76	--	0.286
43560	12.5	--	1.83	0.928
43563	12.7	--	2.91	0.898
43564	37.0	--	6.47	1.312

9.2 WINDY TARN QUARTZ VEIN BRECCIA

Approximately 400 to 500 metres north of the Golden Jade showing on the Jade 1 claim (Figure 7), prospecting identified an area of quartz vein breccia hosted within a diorite intrusive (Figure 11). Veining was followed intermittently for 25 metres, pinching and swelling in nature with parts of the breccia zone attaining widths varying from 10 cm to 2 metres. Mineralization consists of 2% to 5% disseminated pyrite in weak to moderately limonitic quartz. The host intrusive displays weak propylitic alteration probably of regional origin. Select grab samples from this area are summarized below:



SCALE 1:1000

m 0 10 20 30 40 50m

LEGEND

Fault

Foliation

Sample location
See Appendix 2 for Results

SOUTH UNUK GOLD CORP.

MIKEY 1, LISA 1, JADE 1, JUMBO 1, RALPHUS CLAIMS

WINDY TARN QUARTZ VEIN BRECCIA SHOWING

SKEENA MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104B/7,8	JAN. 1991	11

Sample Number	Ag (ppm)	Cu (ppm)	Au (ppb)	Au (oz/ton)
7168	0.2	131	1,880	--
7182	1.4	105	--	0.478
7184	<0.1	16	--	0.060

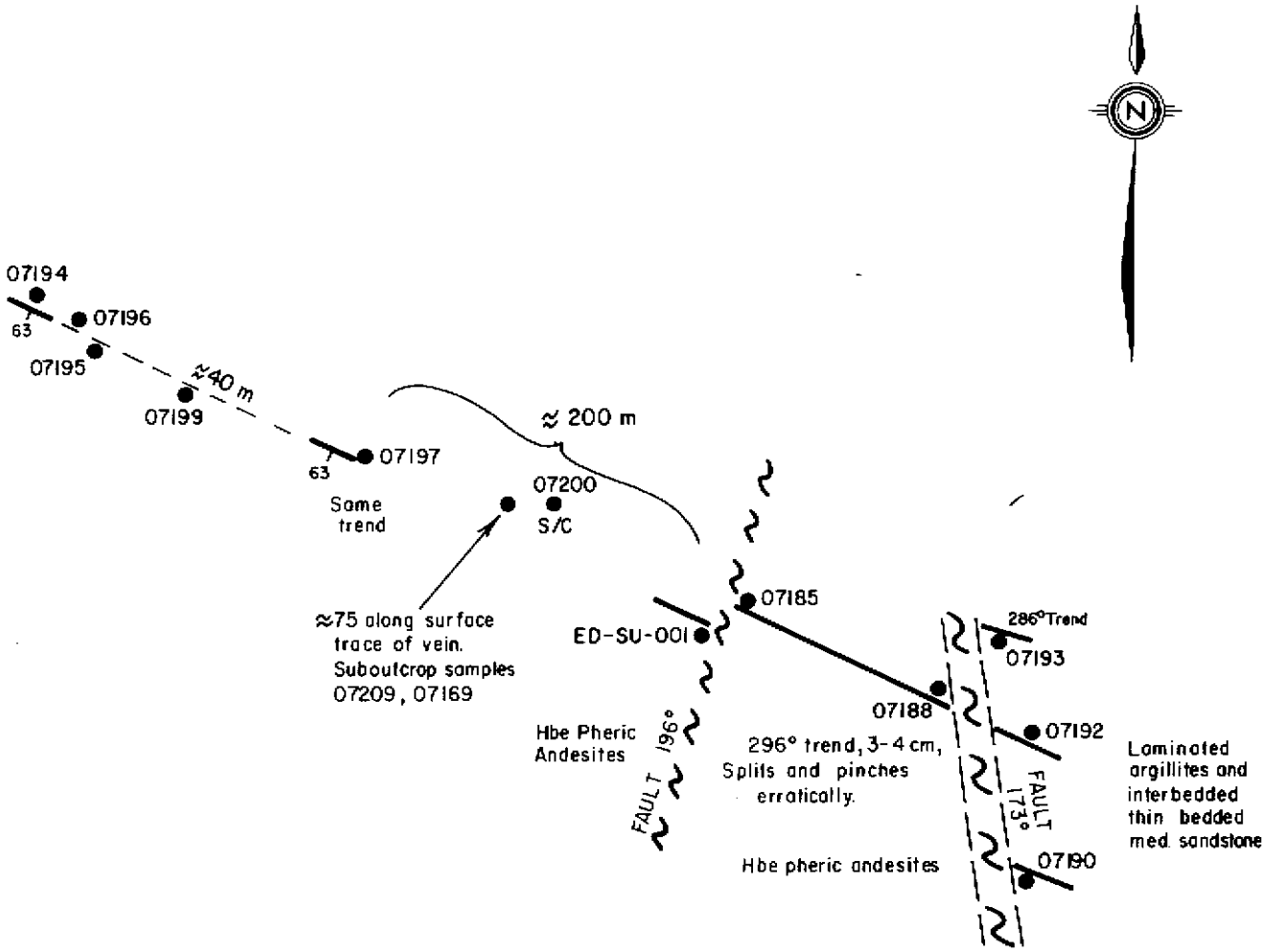
9.3 7169 SHOWING

In the southwest corner of the Mikey 1 (Figure 7) claim an area measuring approximately 100 x 200 metres in size hosts several subparallel quartz veins varying in width from 2 cm to 100 cm. Individual veins pinch and swell along strike (Figure 12). Mineralization consists of disseminated pyrite with minor chalcopyrite. Sample 7169 was the initial sample collected here which produced an anomalous gold value. Subsequent follow-up sampling of other veins in the area produced only geochemically anomalous vales (Samples 7186 to 7200 and 29001 to 29007). Results of 7169 are listed below while the remaining same results are tabulated on the rock sample description forms appended to this report.

Sample Number	Ag (ppm)	Cu (ppm)	Au (ppb)
7169	1.0	914	2,450

9.4 AMETHYST ZONE

In the southwest corner of the Mikey 1 claim approximately 200 metres southeast of the 7169 showing and continuing into the northwest corner of the Jumbo 1 claim, numerous sub-rounded to sub-angular boulders varying in size from fist size to 1.5 metres across were found to host fracture controlled and brecciated galena and purple amethyst mineralization. Individual fracture stringers of mineralization vary up to 4 to 5 mm across. Although amethyst is



SCALE 1:1000

m 0 10 20 30 40 50 m

LEGEND

- Sample location (See Appendix 2 for Results)
- Fault
- Strike, dip
- Contact

SOUTH UNUK GOLD CORP.

MIKEY 1, LISA 1, JADE 1, JUMBO 1, RALPHUS CLAIMS
7169 SHOWING
DETAILED SKETCH MAP

SKEENA MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104B/7,8	JAN. 1991	12

not ubiquitous, it is distinctly present. Often, the host rock appears to be reddish in colour and cherty or jasperoidal. Sample numbers 29012 to 29027 were collected in this area (Figure 7) with the anomalous values of interest listed below:

Sample Number	Au (ppb)	Ag (ppm)	Ag (oz/ton)	Cu (ppm)	Pb (%)	Zn (ppm)
29014	20	7.0	--	9	7.13	416
29016	50	9.0	--	181	3.16	7,692
29018	70	3.2	--	25	2.92	1,173
29019	70	10.6	--	256	7.53	4,182
29020	10	8.6	--	34	3.24	1,932
29022	30	--	4.08	20	2.07	557
29023	30	--	8.61	31	11.80	324
29025	nd	14.5	--	14	2.78	597
29026	nd	4.6	--	14	3.14	258

9.5 7230 SHOWING

In the northeast corner of the Jade 1 claim (Figure 7) narrow, discontinuous mineralization was located within an ankerite altered northeast-southwest trending shear zone. Mineralization consisting of malachite, chalcopyrite, tetrahedrite and galena occurred in sheared veins 0.2 m wide and 2 to 3 metres in strike, hosted within andesite flows.

Sample Number	Ag (oz/ton)	Pb (%)	Zn (%)
7230	50.20	3.14	2.04

9.6 7227 SHOWING

Located on the western boundary of the Mikey 1 claim (Figure 7) this showing consists of a small bull quartz vein hosted within feldspar-pheric andesite flows. Mineralization consisting of native copper, malachite and chalcopyrite occurred over a narrow (0.3 m) width and 1 m strike.

Sample Number	Au (oz/ton)	Cu (ppm)
7227	0.094	2,564

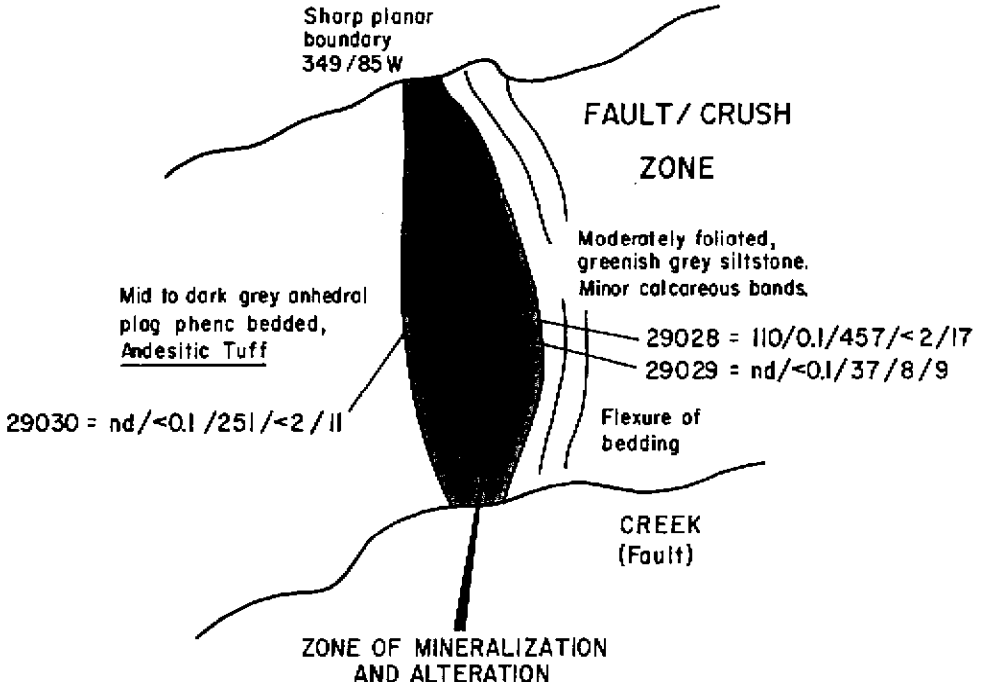
9.7 BANDED SULPHIDE SHOWING (CHRIS, ANNE SHOWING EXTENSION)

Near the central part of the Mikey 1 claim (Figure 7) at an elevation of approximately 1,400 feet above sea level, an occurrence of banded pyrrhotite $\pm$ pyrite $\pm$ chalcopyrite occurs near a volcano-sedimentary contact of medium to dark grey plagioclase pheric andesite tuff and moderately foliated, greenish-grey siltstone (Figure 13). The contact appears to be of fault/clay crush zone material with mineralization hosted within. Correlation of this showing to the Chris and Anne showings is supported by the style and location of this mineralization.

The showing occurs on extremely steep slide alder covered slopes and is exposed only within a steeply incised (?) creek.

Although base and precious metal values are not considered to be of economic interest, the style of this mineralization hosted within a probable shear zone in conjunction with a previous defined magnetic high anomaly trending through this area warrants further exploration and evaluation.

070° SECTION 250°



Semi massive phyrrohite, with minor chalcopyrite

10-15cm band of stronger mineralization on footwall contact, diffuse in remainder.

Mineralization has exploited contact between lithologies.

NOTE.

▲ 25cm channel sample
Sample No. = Au(ppb)/Ag(ppm)/Cu(ppm)/Pb(ppm)/Zn(ppm)

SCALE 1:50

m 0 0.5 1.0 2.0m

SOUTH UNUK GOLD CORP.

MIKEY 1, LISA 1, JADE 1, JUMBO 1, RALPHUS CLAIMS
BANDED SULPHIDE SHOWING
DETAILED SKETCH MAP

SKEENA MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104B/7,8	JAN. 1991	13

10.0 CONCLUSIONS AND RECOMMENDATIONS

Reconnaissance scale mapping and prospecting during 1990 yielded significant gold and base metal values on the property and has outlined areas for further initiatives in 1991.

Follow-up detailed mapping and sampling is warranted on the Golden Jade zone (1.312 oz/ton Au) to define the source of float style mineralization.

Detailed structural and geological mapping is also warranted on the Windy Tarn quartz breccia showing (0.478 oz/ton Au) to delineate possible strike and width extensions.

Base metal mineralization was discovered at the amethyst zone. Values of up to 8.61 oz/ton Ag and 11.80% Pb, again warrant detailed follow-up geological mapping to define the extent and style of mineralization.

Mapping and sampling over the Chris, Anne and banded massive sulphide showings has extended the known strike of this showing to approximately 1.6 km. Sampling (17 total) of the zone yielded, consistently, weakly anomalous copper and gold values. While it is evident that significant tonnage exists within this zone it is, to date, uncertain if viable economic mineralization occurs. Further work consisting of airborne magnetic survey followed by detailed ground work to outline the extent of mineralization is proposed. Subsequent mapping and prospecting with the goal of outlining possible base and precious metal rich zones within the body is also recommended.

Continued reconnaissance scale mapping and prospecting is recommended on the Lisa 1 claim, north to the Unuk River and on the Jumbo 1 claim, east to the South Unuk River.

Detailed reconnaissance soil geochemistry is recommended over recessive topographic features in the subalpine areas of the property. This is designed to test for further structurally related mineralization.

To maintain land position, the staking of fractions developed by the mislocation of the Jade 1 corner post is strongly recommended.

Respectfully submitted,

K.M. Curtis, 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

SOUTH UNUK GOLD CORP.

LISA GROUP

LIARD MINING DIVISION

JULY 1, 1990 TO OCTOBER 31, 1990

WAGES			
Manager/Coordinator			
K. Milledge - 2.5 days @ $250		$ 625.00	
Geologists			
R. Darney - 1 day @ $425.00		425.00	
S. Todoruk - 4.75 days @ $425.00		2,018.75	
K. Curtis - 15 days @ $325.00		4,875.00	
L. Vanzino - 2.5 days @ $325.00		812.50	
Prospectors			
E. Debock - 5.5 days @ $300.00		1,650.00	
M. Cloutier - 10 days @ $300.00		3,000.00	
J. Anderson - 4 days @ $300.00		1,200.00	
N. Debock - 2 days @ $300.00		600.00	
Samplers			
P. Hoffman - 9 days @ $225.00		2,025.00	
T. Montgomery - 10 days @ $225.00		2,250.00	
B. Charlton - 2 days @ $225.00		450.00	
E. Munroe - 1 day @ $225.00		225.00	
J. Gordon - 1 day @ $225.00		225.00	
			$ 17,831.25
Field Project Supervision			2,305.96
CAMP AND EQUIPMENT EXPENSES			
Room and Board			
Pamicon Crew	66 days		
Helicopter Crew	3 days		
	69 days @ $125.00	$ 8,625.00	
Field Equipment and Supplies		1,612.50	
			10,237.50

GENERAL EXPENSES

Travel, Accommodation and Airfare	$ 1,290.00	
Space Tel Communications	135.00	
Fixed Wing	114.00	
Helicopter	13.034.59	
Freight	755.51	
Assays	5,665.00	
Maps and Reproductions	834.78	
Drafting	1,800.00	
		23,628.88
TOTAL THIS PROGRAM		$ 54,003.59

APPENDIX III

ROCK SAMPLE DESCRIPTION FORMS

DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

NTS _____

Sampler K. Curtis Project South Unuk Location Ref _____

Date Aug 22 1990 Property South Unuk (Jade 1) Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	
7201	Jade 1 Claim	Grab		Diorite	Epidote Jarosite	Py	Pyrite and Magnetite in Qtz Vein	10	0.1	54	<2	36	
7202	"	"		"		Py	Euhedral Py in Bull Qtz Vein	nd	0.1	27	<2	10	
7203	"	"		Felsic Tuff?		Cpy	Cpy, Mal, Py in Sil Zone	30	1.6	663	<2	40	
7204	"	"		Andesite?	Silica Epidote	Py	5-7% Py in Silicified Diorite	nd	1.9	508	107	178	

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DEVELOPMENTS LIMITED Geochemical Data Sl. - ROCK SAMPLING

Sampler K. CURTIS Project S. UNUK NTS

Date AUG 22/1990 Property Location Ref

Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	
07205	JADE I	GRAB		PYRITIC SHEAR	QTZ CARB	PY	155/VERT.	nd	0.2	127	< 2	73	
07206	JADE I	GRAB		PYRITIC SHEAR	SIL.	PY	155/VERT.	nd	0.2	13	104	88	
07207	JADE I	GRAB.		QTZ VEIN	EPIDOTE	CPY, MAL	090/70 S	nd	1.2	980	126	714	

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PAMIC
DEVELOPMENTS LIMITED

Geochemical Data Sneet - ROCK SAMPLING

Sampler K. CURTIS
Date AUGUST 24/1990

Project SOUTH UNUK GOLD
Property

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS			
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Bi ppm	Cu ppm
7208	JADE 1 AREA	GRAB		HORNFELSED SED	LIMONITE	TRACE MAL. 3% PY	NO LATERAL CONTINUITY	50	1.5	<3	1953
7209	"	"		DIORITE?	"	1-2% DISS PY	POOR, DISCONTINUOUS	nd	0.3	<3	190
7210	"	"		ANDESITE HORNFELS	"	MASSIVE PY.	1m NORTH OF 7209	40	5.8	>1000	3820
7211	"	"		DIORITE	"	1-2% PY	SAMPLED IN '89 (RB88)	nd	0.2	<3	232

PAMI[illegible]N DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler: DeBock K. [illegible]
Date: Sept 19/90

Project: South Unuk Gold
Property: South Unuk

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	Au ppb	Ag ppm	[illegible] ppm	Cu ppm	Pb ppm	Zn ppm
	South Unuk	Grab											
07185	"	"		QV		Chalco	4-6 cm - 10 m	80	0.5	[illegible]	577	<2	35
86								10	<0.1	[illegible]	168	46	19
88	"	"		w/ diorite	QV	chalco malachite	to 10 cm - 30 m long	160	1.7	[illegible]	1562	963	19
89	"	"		QV			to 4 cm	nd	0.3	[illegible]	448	<2	105
90	"	"		"		sphal pyrite	4-8 cm	nd	<0.1	[illegible]	22	11	150
91	"	"		"		Chalco	4-8 cm - UU991	420	1.3	[illegible]	1710	54	304
92	"	"		"		good chalco	2-8 cm	nd	0.8	[illegible]	553	83	55
93	"			"		sphal	to 4 cm - subcrop Traced for 6 m	nd	0.9	[illegible]	442	3896	413
94	"	"		"		Chalco chalcosite malachite	subcrop - blocks to 80 cm wide	nd	1.9	[illegible]	1597	74	205
95	"			Qt.	Qtz Breccia	Pyrite	70 cm - 200 m strike length	nd	0.2	[illegible]	114	33	81
96								nd	0.1	[illegible]	113	14	71
97	"	"			"	chalco malachite chalcosite pyrite	70 cm wide	nd	0.1	[illegible]	272	20	20
98								nd	1.1	[illegible]	1305	14	213
99								nd	<0.1	[illegible]	131	8	44
07200	"	"		QV		good Chalco	subcrop 2-10 cm	nd	1.7	[illegible]	1824	264	408

PAMICON
DEVELOPMENTS LIMITED

Geochemical Data [illegible] - ROCK SAMPLING

Sampler DeRock E
Date Aug 22/96

Project S Hawk Gold
Property

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		[illegible]	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
	S. Hawk	Grab											
07151	"	"		Tuff	Bleached Silicified	Pyrite			nd	0.2	265	<2	27
52	"	"		"	"	"			nd	<0.1	158	<2	14
53	"	"		Volcanic	"	"			10	0.3	256	<2	53
54	"	"		"	"	"			10	0.2	891	<2	58
55	"	"		"	QV	Pyrite	4-6cm wide - canoe		10	<0.1	76	<2	19
56	"	"		Tuff	Bleached Silicified	massive Pyrite	10cm sample on edge of fault		nd	0.4	837	<2	34
57	"	"		"	Shear	"	Approx 4-5m wide		230	7.8	2458	<2	126
58	"	"		"	"	Chalco	minor zone		nd	0.5	253	<2	9
59	"	"		"	"	Massive fine grained Pyrite	20cm wide 3m long		10	0.8	801	23	57
60	"	"		"	"	"	1.5m wide 10m long		40	0.3	715	<2	47
61	"	"		Possible replaced	"	"	5m wide 25m long		nd	0.4	569	<2	45
62	"	"		"		"	30m wide 150m long		nd	0.7	1270	22	79
63	"	"		"	QV	Pyrite	4-5cm wide Fine Pyrite.		nd	0.4	59	<2	174

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Geochemical Data Sheet - ROCK SAMPLING

Sampler DeRock L.
Date Sept 19/90

Project South Unuk Gold
Property South Unuk

NTS
Location Ref
Air Photo No

	SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
	29[illegible]1	South Unuk	Grab										
	29001	"	"		QV		chalco	2-4 cm wide x 5m	50	1.2	1402	<2	3956
JA	002	"	"						20	2.8	3661	37	225
JA	003	"	"						nd	0.2	261	28	28
	29004	"	"		QV	Sheared	pyrite	1-2 cm wide Subcrop	nd	7.5	192	647	281
	005	"	"		x		chalco chalcocite	float - 50cm block	20	0.3	202	39	15
	06	"	"		x		chalco	float - 2-6 cm wide - below 0716 9	120	0.9	1316	<2	60
	07	"	"		"	QTz Breccia	-	40m west 69.	170	0.3	153	25	36
JA	29008	"	float/talus		QV		<1% cpy + galena	near Neil's cpy + QV near glacier (in Field #1).	30	0.3	299	2296	102
JA	[illegible]							- ~100m S of 7167.					
JA	[illegible]	"	[illegible]		[illegible]		[illegible]	- within 25 m of 29008					

PAN
DEVELOPMENTS LIMITED

Geochemical Data Sneet - ROCK SAMPLING

Sampler MCCLOUTIER
Date AUG 24 90

Project SUNUK
Property JADE 1

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Au g/t	Ag ppm	Cu ppm	Pb ppm	Zn ppm
43551		GRAB		MET SED		FINE SULPHIDS		<5	nd	<0.1	93	37	78
43552		FLOAT GRAB		" "		"		0.2	nd	0.2	184	16	65
553		GRAB		" "	CALCITE VEIN	"		<5	nd	<0.1	55	9	37
554		GRAB		" "		PY CP	QTZ CARBONATE STOCKWORK	<5	nd	<0.1	148	21	67
555		GRAB		DIORITE		PYRITE	FRACTURE PYRITIZED DIORITE	<5	nd	<0.1	60	12	26

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sneet - ROCK SAMPLING

Sampler K CURTIS
Date AUGUST 25, 26 1989

Project SOUTH UNUK GOLD
Property EAST RIDGE + VALLEY

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
7212	SOUTH CREEK	GRAB		MASSIVE MAGNETITE		MT, Pϕ	FLOAT SAMPLE.	nd	0.5	63	176	320
7213	SEE 111 0000	"		ANDESITE TUFFS		1-2% Py		nd	1.3	49	14	233
7214	CHRIS, ANNE SHOWING	"		MASS SX.		Mt, Pϕ CPY	SAMPLED BY TED + PAUL	10	<0.1	168	187	107
7215	"	"		"		Mt, Pϕ CPY	"	40	0.2	1510	198	149

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DEVELOPMENTS LIMITED

Geochemical Data Sneet - ROCK SAMPLING

Sampler K. CURTIS
Date AUGUST 27/90

Project SOUTH UNUK GOLD
Property CHRIS, ANNE SHOWINGS

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		Au ppb	Ag	Cu	Pb	Zn
7216	20m BELOW PAD	GRAB		DIOPSIDE SKARN	CALC. SIL.	Mt, PY	8m N-S STRIKE, 2m WIDE	nd	0.4	777	36	33
7217	SAME AS 7216	"		"	"	Mt, PY CPY	7.1m THICK	nd	0.3	755	32	23
7218		"		"	"	PY, Mt SEMI MASS.	EXTENSION OF 7216, 7217	20	0.6	812	42	28
7219		"		"	"	1-2% CPY 2-3% PY	EXTENSION OF 7218	10	1.1	1836	79	60
7220		"		"	"	PY, 1% CPY Mt.	SEMI MASSIVE, EXTENSION OF 7219	60	0.6	2390	57	41
7221		"		BULL QTZ	—		COARSELY CRYSTALLINE	nd	0.2	36	3	3
7222	2m CREEK	"		HORNFELS SILTSTONE	"	CPY, PY	10m BELOW 7223	20	0.8	1422	24	43
7223	"	"		DIOPSIDE MAG SKARN		PY 5% CPY 5%	BANDED, MASSIVE (1m ± 0.5m)	20	0.5	967	167	92
7224	"	"		"		CPY, PY	1m NORTH OF 7223	10	0.4	641	184	97
7225	25 m NORTH OF 2N CREEK	"		"		CPY 7-10% PY 5-10%	25m STRIKE FROM 7224	nd	0.3	912	54	44
7226		"		MASSIVE MAGNETITE		< 1% PY	80m NORTH OF 7224	nd	0.2	27	114	51

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DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler K. CURTIS
Date AUGUST 30/90

Project SOUTH ONUK GOLD
Property _____

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
7231	JUMBO 1 CLAIM	GRAB		ANDESITE	CHLORITIC SHEAR	MAR. CPY PY	NARROW, POOR MINZN.	250	22.0	2929	822	555
7233	"	"		"	ANKERITIC SHEAR	GN, SPH CPY	IN SMALL CARBONATE VEINS. 2m x 5m ALTERATION ZONE	20	1.8	169	3851	4910
SEPT 1												
7234	LISA-1	GRAB		ANDESITE	PY	PY	NARROW (.1) QTZ VEIN	90	2.6	373	103	144
7235	"	"		"	CHLORITE	CPY	CPY, MAL IN SHEAR	20	1.0	2559	42	177
7236	"	"		"	"	CPY	" " "					

PAMICON DEVELOPMENTS LIMITED

Geoc[illegible] nica[illegible] ata [illegible] OCK [illegible] MPL[illegible]G

NTS

Sampler: *DeBoeck E.* Project: *South Unuk R.* Location Ref

Date: *Aug 23/90* Property Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
	S. Unuk	Grab										
07164	"	"			Epido Fr ± Qtz Vein	Chalco	10 cm wide	nd	<0.1	238	<2	52
65	"	"		Tuff	QV	S/bal.		10	1.4	120	3563	5235
66	"	"		Qtz Breccia		Pyrite	40 cm wide 25 m long – swells to 1 m wide	50	0.1	15	<2	134
~~67~~												
67	"	"		"		Pyrite	60–70 cm wide 20 m long	280	0.2	36	3	44
68	"	"		"		Pyrite Chalco	2 m wide —	1880	0.2	131	<2	26
69	"	"		QV	"	Chalco	15–20 cm wide 35–45 m long.	2450	1.0	914	<2	64

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Geochemical Data Sheet - ROCK SAMPLING

Sampler DeBock L
Date Sept 19/90

Project South Unuk Gold
Property South Unuk

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Au g/t	Ag ppm	Cu ppm	Pb ppm	Zn ppm
	South Unuk	Grab											
07120	"	"		Diorite	QTZ Breccia	Pyrite	3m x 10 m	nd	—	<0.1	36	12	1
71	"	"		"	QV	Limonite	3-4m veins - OC 25m x 3-4m	nd	—	<0.1	18	8	
72	"	"		"	"	Pyrite limonite	10m wide OC 10m wide	nd	—	<0.1	14	12	
73	"	"		"	"	Pyrite Limonite	"	nd	—	<0.1	4	20	2
						arsno							
74	"	"		"	"	Limonite	" "	nd	—	<0.1	55	9	
75	"	"		"	"	Limonite Pyrite	10m OC 2-3m high	nd	—	<0.1	30	<2	1
76	"	"		QTZV		Chalco malachite	Float - 25cm boulder	340	—	1.8	2402	10	
						Pyrite							
77	"	"		"		Chalco Pyrite	4-6 grain visible for 3m - breccia	170	—	2.3	2201	<2	1
78	"	"		Metased	QTZ	Pyrite	4-8 cm wide	nd	—	<0.1	288	<2	2
79	"	"		Intrusive	QTZ	Pyrite	6m —	nd	—	<0.1	89	<2	1
80	"	"		"	"	good Pyrite	10cm	nd	—	0.3	124	<2	3
81	"	"			"	"	Subcrop — 10m Thick veins	nd	—	0.2	78	<2	2
82	"	"		Diorite	QTZ Breccia	Pyrite	Original showing Samples 07166-67-68	>10,000	0.478	1.4	105	3	2
83	"	"		"	"	"	"	360	—	<0.1	21	15	1
84	"	"		"	"	"	"	2240	0.060	<0.1	16	<2	3

PAMIC N
DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler K CURTIS
Date AUGUST 28/90

Project SOUTH UNUK GOLD
Property LISA 1 CLAIM

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Au oz/t	Ag g/t	Ag ppm	Cu ppm	Pb ppm
7227	3950'	GRAB		QTZ VEIN		CPY, MAL NATIVE Cu	VERY SMALL .3 WIDE 1m STRIKE DISCONTINUOUS	4000	.094	—	2.4	2561	12
7228	3930'	"		QTZ BRECCIA	LIMONITE	Py	25m NNW of 7227 QTZ RICH TECTONIC BRECCIA	40	—	—	0.2	77	<2
7229	4000'	"		QTZ-CARB SHEAR	ANKERITE	GN, Py	NARROW (.2m) DISCONTINUOS	40	—	2.83	>500	219	207
7230	4100	"		QTZ CARB VEIN	ANKERITE	MAL, CPY TT, GN	.2 WIDE 2-3m STRIKE. >405 ppm As, >2000 ppm Sb, >20000 ppm Zn =	540	—	50.20	>50.0	7775	>2000

PAMICO N DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler: DeBock K. E.
Date: Sept 23 /90

Project: South Unuk Gold
Property: South Unuk

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS Au ppb	Ag ppm	Cu ppm	Pb ppm/%	Zn ppm
	South Unuk	Grab										
29010	"	"		Volcanic	calcite shear	Fine grained pyrite	6-15 cm wide - 3m	150	4.1	1030	89	62
11	"	"		"	QTZ breccia	massive pyrite	40-50 cm wide visible for 5m	210	6.1	1824	128	289
12	"	"		"	"	"	3m along strike	140	6.7	1012	78	630
13	"	"		"	"	Some pyrite	40 cm X 3m	20	0.5	53	7	69
14	"	"		metased		galena pyrite sphal chalco	Float to 1.5m abundant below ice - has amethyst with mineralization	20	7.0	9	>20000 / 7.13	416
15	"	"		Volcanics	Shear	massive fine pyrite	- 25 cm wide X 8m long - clay gouge as well	120	2.6	1424	849	176
16	"	"		meta sed	Breccia	galena	Float - Below ice	50	9.0	181	>20000 / 3.16	7692
17	"	"		Volcanics	Pyritized	pyrite	1.5 m X 2.0 m	10	0.9	1062	748	398
18	"	"		metased		pyrite fine galena sphal	Float - Below ice	70	3.2	25	>20000 / 2.92	1173
19	"	"		"		galena chalco pyrite	Float " * amethyst again, ~~[illegible]~~ in silicified chert or jasper?	70	10.6	256	>20000 / 7.53	4182
20	"	"		"		"	30 cm boulders	10	8.6	34	>20000 / 3.24	1932
21	"	"		Volcanics	QO	minor pyrite	3 cm wide	nd	0.5	45	1610	83
22	"	"		QTZ zone	Shear	galena	15 cm thick - exposed for several [illegible]	30	>50.0 / 4.08	20	>20000 / 2.07	557

PAMIC N
DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler DeBock F
Date Sept 23/90

Project South Hunk Gold
Property South Hunk

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		Au ppb	Ag	Cu	Pb	Zn
	South Hunk	Grab										
29023	"	"		Metased	Sacch with QTZ	Galena Sphal	4-6 cm wide QTZ zone full of galena - clay gauge + strong limonite.	30	>50.0 / 8.61	31	>20000 / 11.86	324
24	"	"			QTZ Breccia	Pyrite galena	8 cm wide - 20m long	nd	3.0	19	2657	51
25	"	"		Metased	Amphibit	galena Sphal Pyrite	10-12 m long 50-75 cm thick	nd	14.5	14	>20000 / 2.78	597
26	"	"		"	"	"	2m from 25	nd	4.6	14	>20000 / 3.14	258
27	"	"		"	recrystalized limestone	malachite Chalco	40-50 cm wide 3m long	40	11.0	9393	5370	352

DAMIC DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler N. DeBock
Date Sept 19

Project South Chunk
Property

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Au oz/t	Ag ppm/oz/t	Cu ppm/%	Pb ppm	Zn ppm
43559	4600'	Grab	-	Qtz	Limy	Mass Pyr	Float	>10,000	0.286	1.0	76	<2	33
560	"	"	"	"	"	Mass Pyr + Chalco	Float	>10,000	0.928	12.5	17360 / 1.83	<2	44
561	4620'	Chip	10cm	Dior	"	Pyr		120	-	3.5	448	<2	41
562	"	"	"	"	"	"	Hom Nof 561	90	-	0.4	187	<2	16
563	4620'	Grab	-	Qtz	"	Mass Pyr + Chalco	Float	9600	0.298	12.7	>20000 / 2.91	<2	53
564	4650	"	-	"	"		"	>10,000	1.312	37.0	>20000 / 6.97	<2	107
565	4670	"	-	"	"		"	120	-	42.0	>20000 / 10.15	<2	99
566	4860	Chip	-	Diar	"	Chalco + Pyr	∠ 12° 35 NW	20	-	50.0 / 1.38	1055	94	301
43567	4800	"	-	"	"	"	"	50	-	0.9	313	32	62

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DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler DeBock E + Luke V.
Date Oct 3/90

Project S. Unuk Gold
Property S. Unuk
Banded "Phyn" Showing

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
	S. Unuk	~~Grab~~											
29028	"	channel	channel 25 cm	Altered Sed.		Pyrrhotite pyrrhotite chalco	25 cm wide section of W side	110	0.1	<3	457	<2	17
29	"	channel	25 cm	"		"	25 cm sect'n to middle of showing	nd	0.1	<3	37	8	9
30	"	channel	25 cm	"		Pyrrhotite	E side 25 cm wide zone	nd	<0.1	<3	251	<2	11

APPENDIX IV

ASSAY CERTIFICATES

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

VGC VANGEOCHEM LAB LIMITED

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

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

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: SEPT 17 1990
REPORT#: 900379 GA
JOB#: 900379

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

INVOICE#: 900379 NA
TOTAL SAMPLES: 28
SAMPLE TYPE: 28 ROCK
REJECTS: SAVED

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

PREPARED FOR: MR. STEVE TODORUK

RECEIVED
OCT - 5 1990

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 900379 GA JOB NUMBER: 900379 PANICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
7151	nd
7152	nd
7153	10
7154	10
7155	10
7156	nd
7157	230
7158	nd
7159	10
7160	40
7161	nd
7162	nd
7163	nd
7164	nd
7165	10
7166	50
7167	280
7168	1880
7169	2450
7201	10
7202	nd
7203	30
7204	nd
7205	nd
7206	nd
7207	nd
28001	nd
28002	nd

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

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

ICAP GEOCHEMICAL ANALYSIS

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

ANALYST:

REPORT #: 900379 PA | PAMICON DEVELOPMENT LTD. | PROJECT: SOUTH UNUK | DATE IN: SEPT 05 1990 | DATE OUT: OCT 04 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
7151	0.2	1.02	<3	33	<3	0.60	1.3	36	43	265	4.49	0.13	0.45	144	40	0.03	105	0.09	<2	<2	8	28	<5	<3	27
7152	<0.1	0.64	<3	31	<3	0.53	0.9	25	56	158	2.31	0.08	0.18	77	41	0.03	24	0.09	<2	<2	5	24	<5	<3	14
7153	0.3	1.67	<3	24	<3	0.21	3.0	78	68	256	8.06	0.17	0.92	355	91	0.03	159	0.03	<2	<2	12	11	<5	<3	53
7154	0.2	2.20	<3	10	<3	1.05	3.2	57	75	891	7.96	0.24	1.55	498	58	0.03	62	0.11	<2	<2	14	83	<5	<3	58
7155	<0.1	0.51	<3	22	<3	0.24	1.4	12	115	76	2.65	0.06	0.30	150	30	0.02	338	0.02	<2	2	5	20	<5	<3	19
7156	0.4	1.25	<3	14	<3	1.30	3.2	173	47	837	8.80	0.26	0.44	272	30	0.05	103	0.11	<2	2	13	27	<5	<3	34
7157	7.8	1.98	<3	10	<3	0.29	8.9	115	42	2458	>10.00	0.46	0.87	391	38	0.05	28	0.05	<2	20	18	3	<5	<3	126
7158	0.5	0.43	<3	48	<3	1.21	0.1	5	38	253	1.11	0.10	0.20	249	5	0.02	13	0.02	<2	<2	2	11	<5	<3	9
7159	0.8	1.37	<3	10	<3	0.89	4.3	144	36	801	>10.00	0.35	0.45	188	75	0.04	97	0.08	23	14	15	54	<5	<3	57
7160	0.3	1.61	<3	10	<3	0.29	3.9	408	43	715	>10.00	0.37	0.08	149	220	0.05	24	0.04	<2	12	15	15	<5	<3	47
7161	0.4	1.56	<3	16	<3	0.34	4.7	67	32	569	>10.00	0.25	0.26	402	69	0.03	56	0.03	<2	7	13	36	<5	<3	45
7162	0.7	2.09	<3	11	<3	0.57	4.4	496	70	1270	>10.00	0.30	1.10	562	22	0.04	82	0.10	<2	5	16	17	<5	<3	79
7163	0.4	0.26	<3	3	<3	0.30	1.3	19	79	59	2.55	0.05	0.02	69	31	0.01	27	0.02	22	4	4	29	<5	<3	174
7164	<0.1	0.28	<3	6	<3	3.35	0.5	6	108	238	0.74	0.15	0.21	276	4	<0.01	16	<0.01	<2	<2	<2	25	<5	<3	52
7165	1.4	0.99	<3	7	<3	1.13	171.2	7	67	120	1.67	0.10	0.64	282	10	0.15	23	0.02	3563	<2	4	15	<5	<3	5235
7166	0.1	2.26	<3	28	<3	0.16	4.0	12	115	15	3.94	0.08	1.49	398	11	0.01	31	0.02	<2	<2	8	4	<5	<3	134
7167	0.2	0.73	<3	35	<3	0.29	2.2	14	46	36	4.77	0.11	0.51	308	22	0.02	16	0.05	3	<2	7	6	<5	<3	44
7168	0.2	1.01	<3	22	<3	0.68	2.1	16	74	131	5.74	0.19	0.61	446	9	0.02	21	0.07	<2	<2	8	10	<5	<3	26
7169	1.0	0.55	<3	24	<3	0.23	0.7	7	52	914	1.66	0.03	0.39	201	8	0.01	15	0.03	<2	<2	5	10	<5	<3	64
7201	0.1	1.03	<3	14	<3	0.33	1.0	8	142	54	3.15	0.07	0.82	275	313	0.01	28	0.02	<2	<2	7	60	<5	<3	36
7202	0.1	0.26	<3	6	<3	0.05	<0.1	3	63	27	1.08	<0.01	0.15	94	27	<0.01	21	<0.01	<2	<2	<2	8	<5	<3	10
7203	1.6	0.97	<3	64	<3	1.20	2.2	19	73	663	3.62	0.15	0.49	268	15	0.02	17	0.15	<2	<2	7	10	<5	<3	40
7204	1.9	0.89	<3	17	<3	0.80	3.7	48	37	508	6.44	0.18	0.48	295	11	0.03	37	0.21	107	<2	10	21	<5	<3	178
7205	0.2	3.24	<3	40	<3	2.15	1.6	34	45	127	5.32	0.24	1.40	976	29	0.06	35	0.10	<2	<2	16	87	<5	<3	73
7206	0.2	0.92	<3	97	<3	0.53	0.1	9	30	13	2.19	0.07	0.57	222	8	0.03	80	0.08	104	<2	8	103	<5	<3	88
7207	1.2	0.14	<3	6	<3	0.41	6.8	3	98	980	0.54	0.02	0.09	264	2	0.03	19	<0.01	126	<2	<2	5	<5	<3	714
28001	0.2	0.08	<3	12	<3	0.08	0.2	3	93	161	0.99	<0.01	0.02	80	11	<0.01	292	<0.01	14	2	<2	7	<5	<3	41
28002	0.1	0.07	<3	3	<3	2.56	2.2	130	23	411	7.49	0.27	0.04	802	5	0.02	28	0.02	41	13	5	19	<5	<3	22
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.

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.

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: OCT 17 1990

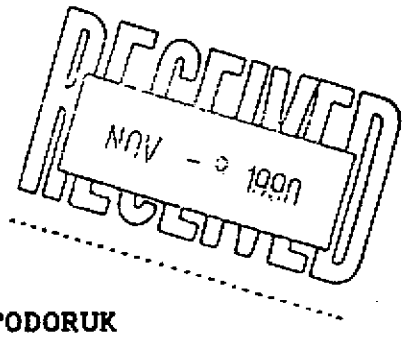
REPORT#: 900666 GA
JOB#: 900666

South Hunk Gold Corp.

PROJECT#: —
SAMPLES ARRIVED: OCT 11 1990
REPORT COMPLETED: OCT 17 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900666 NA
TOTAL SAMPLES: 12 3
SAMPLE TYPE: 12 ROCK 3
REJECTS: SAVED

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

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

VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 900666 GA JOB NUMBER: 900666 PANICON DEVELOPMENTS LTD. PAGE 1 OF 1

SAMPLE #	Au ppb
29028	110
29029	nd
29030	nd

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

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

ICAP GEOCHEMICAL ANALYSIS

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

ANALYST: _____

REPORT #: 900666 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: CARROCK-KERR | DATE IN: OCT 11 1990 | DATE OUT: NOV 07 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
29028	0.1	0.25	<3	26	<3	1.42	1.1	44	133	457	>10.00	0.28	0.05	530	20	0.07	17	<0.01	<2	10	<2	15	<5	<3	17
29029	0.1	0.33	<3	15	<3	1.74	0.4	11	97	37	3.46	0.14	0.04	537	4	0.04	2	<0.01	8	9	<2	13	<5	<3	9
29030	<0.1	0.47	<3	11	<3	1.83	0.5	39	98	251	4.33	0.15	0.15	411	11	0.06	8	0.04	<2	12	<2	38	<5	<3	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.

VGC VANGEOCHEM LAB LIMITED

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

ASSAY ANALYTICAL REPORT

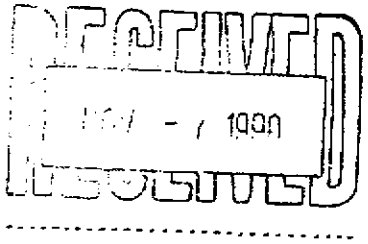
CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: NOV 05 1990
REPORT#: 900601 AA
JOB#: 900601

PROJECT#: SOUTH UNUK
SAMPLES ARRIVED: SEPT 27 1990
REPORT COMPLETED: NOV 05 1990
ANALYSED FOR: Pb Ag

INVOICE#: 900601 NB
TOTAL SAMPLES: 9
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 9 ROCK PULP

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: _____
Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO VANCOUVER OFFICE.

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
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FAX (604) 254-5717

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

REPORT NUMBER: 900601 AA JOB NUMBER: 900601 PANICON DEVELOPMENTS LTD.

SAMPLE #	Pb %	Ag oz/st
29014	7.13	--
29016	3.16	--
29018	2.92	--
29019	7.53	--
29020	3.24	--
29022	4.08	2.07
29023	11.80	8.61
29025	2.78	--
29026	3.14	--
DETECTION LIMIT	.01	.01

1 troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

ANALYST:

REPORT #: 900601 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK | DATE IN: SEPT 27 1990 | DATE OUT: NOV 2 1990 | ATTENTION: MR. STEVE TODORUK | PAGE 1 OF 1

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
29010	4.1	1.24	<3	7	<3	0.29	5.1	1142	80	1030	>10.00	0.55	0.58	422	12	0.22	170	<0.01	89	36	<2	20	<5	<3	62
29011	6.1	1.63	<3	17	<3	0.22	5.1	200	128	1824	>10.00	0.23	0.49	478	78	0.13	15	0.03	128	8	<2	4	<5	<3	289
29012	6.7	1.99	<3	3	<3	0.33	6.0	304	45	1012	>10.00	0.36	0.54	510	62	0.21	33	0.05	78	22	<2	6	<5	<3	630
29013	0.5	1.04	<3	5	<3	>10.00	1.2	8	129	53	1.09	0.26	0.36	412	10	0.03	4	<0.01	7	<2	<2	54	<5	<3	69
29014	7.0	2.08	<3	116	<3	2.75	4.3	1	69	9	1.17	0.21	0.05	939	8	0.86	<1	<0.01	>20000	<2	<2	24	12	<3	416
29015	2.6	2.87	<3	10	<3	0.39	6.5	123	60	1424	>10.00	0.39	1.66	1014	17	0.18	25	0.02	849	9	<2	4	<5	<3	176
29016	9.0	1.89	<3	101	<3	6.02	77.9	20	57	181	4.82	0.35	0.99	3053	939	1.33	17	0.05	>20000	63	<2	236	10	<3	7692
29017	0.9	5.05	<3	11	<3	0.58	6.6	55	63	1062	>10.00	0.30	3.10	1447	29	0.16	71	0.05	748	<2	<2	25	<5	<3	398
29018	3.2	0.33	<3	32	<3	1.04	9.0	3	93	25	2.60	0.14	0.15	1390	15	0.26	<1	<0.01	>20000	<2	<2	25	<5	<3	1173
29019	10.6	0.25	<3	16	<3	3.42	25.4	11	39	256	4.12	0.26	0.65	4694	978	0.49	73	0.04	>20000	139	<2	87	64	<3	4182
29020	8.6	0.93	<3	7	21	0.99	11.9	<1	89	34	0.92	0.12	0.02	640	18	0.57	<1	<0.01	>20000	<2	<2	13	<5	<3	1932
29021	0.5	0.43	<3	6	<3	0.13	1.6	6	162	45	1.12	<0.01	0.23	202	7	0.02	188	<0.01	1610	<2	<2	6	<5	<3	83
29022	>50.0	0.25	<3	17	38	0.59	6.0	2	169	20	0.73	0.07	0.04	406	15	0.06	<1	<0.01	>20000	9	<2	15	<5	<3	557
29023	>50.0	0.24	<3	76	407	>10.00	12.0	22	85	31	7.05	0.38	0.32	4043	14	0.10	11	0.01	>20000	44	<2	46	>100	<3	324
29024	3.0	0.46	<3	20	<3	0.26	1.7	7	141	19	1.86	0.03	0.19	623	4	0.03	263	0.02	2657	<2	<2	6	<5	<3	51
29025	14.5	1.24	<3	15	35	1.10	4.3	1	68	14	1.45	0.17	0.02	937	4	0.38	155	<0.01	>20000	<2	<2	16	40	<3	597
29026	4.6	0.37	<3	7	9	0.36	3.4	2	111	14	1.47	0.06	<0.01	159	9	0.20	<1	<0.01	>20000	<2	<2	8	11	<3	258
29027	11.0	2.34	<3	6	<3	6.11	8.4	69	62	9393	4.76	0.30	1.63	815	6	0.11	108	0.05	5370	<2	>1000	49	<5	<3	352
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.

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
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FAX (604) 254-5717

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

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: OCT 02 1990
REPORT#: 900601 GA
JOB#: 900601

PROJECT#: SOUTH UNUK
SAMPLES ARRIVED: SEPT 27 1990
REPORT COMPLETED: OCT 02 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900601 NA
TOTAL SAMPLES: 18
SAMPLE TYPE: 18 ROCK
REJECTS: SAVED

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

RECEIVED
NOV - 6 1990

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 900601 GA JOB NUMBER: 900601 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
29010	150
29011	210
29012	140
29013	20
29014	20
29015	120
29016	50
29017	10
29018	70
29019	70
29020	10
29021	nd
29022	30
29023	140
29024	nd
29025	nd
29026	nd
29027	40

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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FAX (604) 254-5717

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

ASSAY ANALYTICAL REPORT

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

DATE: OCT 31 1990
REPORT#: 900576 AC
JOB#: 900576

PROJECT#: SOUTH UNUK
SAMPLES ARRIVED: SEPT 24 1990
REPORT COMPLETED: OCT 31 1990
ANALYSED FOR: Cu

INVOICE#: 900576 NB
TOTAL SAMPLES: 4
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 4 ROCK PULP

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

RECEIVED
NOV - 1 1990

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO VANCOUVER OFFICE.

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.

REPORT NUMBER: 900576 AC JOB NUMBER: 900576 PANICON DEVELOPMENTS LTD.

SAMPLE #	Cu %
43560	1.83
43563	2.91
43564	6.47
43565	10.15

DETECTION LIMIT .01

1 Troy oz/short ton = 34.2# ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
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BRANCH OFFICES
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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

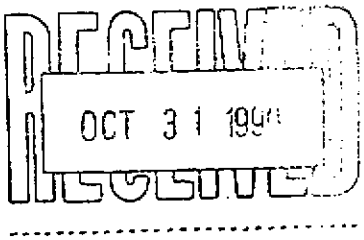
DATE: OCT 30 1990

REPORT#: 900576 AB
JOB#: 900576

PROJECT#: SOUTH UNUK
SAMPLES ARRIVED: SEPT 24 1990
REPORT COMPLETED: OCT 30 1990
ANALYSED FOR: Ag

INVOICE#: 900576 NA
TOTAL SAMPLES: 1
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 1 ROCK

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO VANCOUVER OFFICE.

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.

REPORT NUMBER: 900576 AB JOB NUMBER: 900576 PANICON DEVELOPMENTS LTD.

SAMPLE #	Ag oz/st
43566	1.38

DETECTION LIMIT .01

1 troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

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

ICAP GEOCHEMICAL ANALYSIS

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

ANALYST:

REPORT #: 900576 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK | DATE IN: SEPT 24 1990 | DATE OUT: OCT 29 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
7170	<0.1	0.13	<3	16	<3	0.09	<0.1	3	218	36	1.10	<0.01	0.04	76	34	0.01	24	<0.01	12	<2	<2	10	<5	<3	11
7171	<0.1	0.14	<3	4	<3	0.09	2.4	6	190	18	0.96	<0.01	0.06	59	9	<0.01	379	<0.01	8	3	<2	9	<5	<3	6
7172	<0.1	0.13	<3	20	<3	0.06	2.6	5	271	14	1.72	<0.01	0.02	40	8	0.01	25	<0.01	12	<2	<2	115	<5	<3	5
7173	<0.1	0.04	<3	7	<3	0.02	<0.1	3	229	4	0.91	<0.01	<0.01	29	6	<0.01	18	<0.01	20	3	<2	13	<5	<3	2
7174	<0.1	0.14	<3	19	<3	0.04	<0.1	3	221	55	1.63	<0.01	0.02	59	19	0.01	19	<0.01	9	<2	<2	40	<5	<3	4
7175	<0.1	0.58	<3	30	<3	0.20	1.4	8	149	30	2.93	0.04	0.20	236	8	0.03	288	0.02	<2	<2	<2	28	<5	<3	17
7176	1.8	0.18	<3	30	<3	0.05	<0.1	9	204	2402	2.43	<0.01	0.04	81	8	0.02	25	<0.01	10	<2	<2	3	<5	<3	9
7177	2.3	0.34	<3	51	<3	0.06	<0.1	5	218	2201	2.54	0.02	0.08	125	9	0.02	17	0.02	<2	<2	<2	6	<5	<3	12
7178	<0.1	1.24	<3	44	<3	0.88	1.3	14	114	288	1.79	0.09	0.82	551	14	0.06	18	0.04	<2	<2	<2	38	<5	<3	29
7179	<0.1	0.61	<3	9	<3	0.20	1.0	17	161	89	2.74	0.03	0.37	215	17	0.03	319	0.02	<2	<2	<2	17	<5	<3	15
7180	0.3	1.18	<3	17	<3	0.45	1.6	14	167	124	4.71	0.12	0.71	341	13	0.08	22	0.03	<2	<2	<2	45	<5	<3	30
7181	0.2	0.89	<3	10	<3	0.36	<0.1	20	185	78	2.68	0.06	0.68	313	21	0.05	21	0.03	<2	<2	<2	28	<5	<3	26
7182	1.4	0.79	32	43	<3	0.12	1.7	11	107	105	4.82	0.09	0.41	236	20	0.06	169	0.05	3	<2	<2	8	<5	<3	24
7183	<0.1	0.31	<3	8	<3	0.30	<0.1	5	208	21	1.73	0.04	0.30	303	8	0.01	22	<0.01	15	<2	<2	6	<5	<3	13
7184	<0.1	1.33	<3	42	<3	0.85	0.4	11	159	16	4.17	0.14	1.15	815	13	0.05	20	0.02	<2	<2	<2	23	<5	<3	33
7185	0.5	1.20	<3	9	<3	0.42	6.4	18	180	577	2.13	0.06	0.97	321	19	0.07	32	0.04	<2	<2	<2	19	<5	<3	359
7186	<0.1	0.38	<3	6	<3	0.13	<0.1	7	209	168	1.14	<0.01	0.32	119	8	0.03	373	0.01	46	<2	<2	9	<5	<3	196
7187	0.4	1.07	<3	6	<3	0.50	7.7	13	200	603	2.11	0.07	0.88	369	9	0.10	29	0.03	20	<2	<2	12	<5	<3	644
7188	1.7	0.40	<3	5	<3	1.54	2.4	8	226	1552	1.27	0.12	0.30	267	8	0.06	22	0.02	463	<2	<2	15	<5	<3	196
7189	0.3	1.28	<3	9	<3	0.52	1.4	14	175	448	2.32	0.07	0.85	501	11	0.04	240	0.03	<2	<2	<2	6	<5	<3	105
7190	<0.1	0.41	<3	4	<3	0.70	7.4	8	205	22	0.84	0.06	0.21	212	18	0.18	26	<0.01	11	<2	<2	5	<5	<3	1507
7191	1.3	1.19	<3	2	<3	1.20	44.5	14	183	1710	1.96	0.11	0.59	345	8	0.37	26	0.02	54	<2	<2	15	<5	<3	3046
7192	0.8	0.44	<3	3	<3	0.46	<0.1	6	233	553	1.07	0.05	0.30	152	6	0.03	24	0.01	83	<2	<2	5	<5	<3	55
7193	0.9	1.18	<3	2	<3	0.39	19.8	14	185	442	2.41	0.06	0.95	417	18	0.48	31	0.03	3896	<2	<2	5	<5	<3	4136
7194	1.9	0.54	<3	8	<3	0.20	29.4	7	170	1597	1.34	0.02	0.37	176	8	0.24	18	0.02	74	<2	<2	10	<5	<3	2050
7195	0.2	1.01	<3	11	<3	0.41	2.6	17	201	114	4.23	0.11	0.82	225	26	0.08	30	0.08	33	<2	<2	27	<5	<3	81
7196	0.1	1.57	<3	38	<3	0.50	1.6	20	165	113	5.03	0.14	1.21	352	16	0.09	25	0.11	14	<2	<2	45	<5	<3	71
7197	0.1	0.42	<3	341	<3	0.11	<0.1	6	192	272	1.37	<0.01	0.39	175	20	0.03	19	0.02	20	<2	<2	7	<5	<3	20
7198	1.1	0.36	<3	7	<3	0.09	31.8	7	197	1305	1.09	<0.01	0.26	140	8	0.26	20	0.01	14	<2	<2	6	<5	<3	2113
7199	<0.1	0.71	<3	19	<3	0.62	1.1	13	180	131	1.91	0.08	0.52	246	16	0.04	20	0.03	8	<2	<2	23	<5	<3	44
7200	1.7	1.29	<3	12	<3	0.79	6.0	14	173	1821	2.53	0.11	0.86	458	11	0.10	26	0.04	264	<2	<2	9	<5	<3	408
29001	1.2	1.01	<3	8	<3	0.65	51.6	16	192	1402	2.12	0.07	0.74	440	18	0.41	30	0.03	<2	<2	<2	10	<5	<3	3456
29002	2.8	0.73	<3	3	<3	0.10	2.1	9	228	3661	1.68	0.01	0.58	192	8	0.04	27	0.02	37	<2	<2	9	<5	<3	225
29003	0.2	0.69	<3	7	<3	0.11	<0.1	9	225	261	1.44	0.01	0.53	185	19	0.03	26	0.02	28	<2	<2	4	<5	<3	28
29004	7.5	0.67	<3	120	<3	0.05	2.2	24	196	192	6.62	0.12	0.20	2661	21	0.10	34	<0.01	647	53	<2	17	<5	<3	281
29005	0.3	0.12	<3	2	<3	1.22	<0.1	15	245	202	1.84	0.11	0.07	167	7	0.03	28	<0.01	39	<2	<2	10	<5	<3	15
29006	0.9	1.53	<3	56	<3	0.64	0.9	16	139	1316	3.16	0.13	0.98	572	17	0.08	24	0.06	<2	<2	<2	27	<5	<3	60
29007	0.3	0.28	<3	5	<3	0.03	<0.1	4	212	153	0.70	<0.01	0.16	91	7	0.03	17	<0.01	25	<2	<2	3	<5	<3	36
29008	0.3	0.19	<3	4	<3	1.60	<0.1	4	202	299	0.59	0.10	0.09	75	16	0.03	19	<0.01	2296	<2	<2	7	<5	<3	102
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 As = No Assay UNLESS OTHER REQUESTED

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

ICAP GEOCHEMICAL ANALYSIS

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

ANALYST:

REPORT #: 900576 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK | DATE IN: SEPT 24 1990 | DATE OUT: OCT 29 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
29009	0.4	0.66	<3	6	<3	1.64	1.7	29	109	35	5.46	0.19	0.61	822	11	0.08	10	0.09	10	<2	<2	31	<5	<3	18
43559	1.0	1.52	<3	27	<3	6.27	1.9	47	111	76	7.94	0.37	0.85	1308	11	0.09	2	0.05	<2	<2	<2	146	<5	<3	33
43560	12.5	0.68	<3	12	<3	0.59	2.1	24	210	17361	5.51	0.12	0.36	276	10	0.07	3	<0.01	<2	<2	<2	14	<5	<3	44
43561	3.5	2.03	<3	13	<3	1.16	3.0	99	58	448	>10.00	0.41	0.86	734	19	0.14	<1	0.07	<2	<2	<2	36	<5	<3	41
43562	0.4	1.06	<3	3	<3	0.66	0.7	144	109	187	6.86	0.15	0.36	169	11	0.08	<1	0.02	<2	<2	<2	85	<5	<3	16
43563	12.7	0.28	<3	2	<3	<0.01	2.0	12	218	>20000	4.93	0.04	0.14	66	20	0.08	<1	<0.01	<2	<2	<2	<1	<5	<3	53
43564	37.0	0.45	<3	6	<3	0.07	6.0	77	177	>20000	>10.00	0.38	0.20	101	20	0.23	<1	<0.01	<2	<2	<2	<1	<5	<3	107
43565	42.0	0.16	<3	<1	<3	0.05	6.2	68	186	>20000	>10.00	0.36	0.05	18	30	0.27	<1	<0.01	<2	<2	<2	<1	<5	<3	99
43566	50.0	0.37	<3	29	<3	>10.00	3.7	6	122	1055	5.96	0.29	2.45	3192	12	0.10	<1	0.02	94	184	<2	186	<5	<3	301
43567	0.9	0.22	<3	46	<3	5.11	<0.1	7	176	313	1.86	0.18	0.65	1280	13	0.03	<1	0.02	32	<2	<2	66	<5	<3	62
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	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.

VGC VANGEOCHEM LAB LIMITED

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

ASSAY ANALYTICAL REPORT

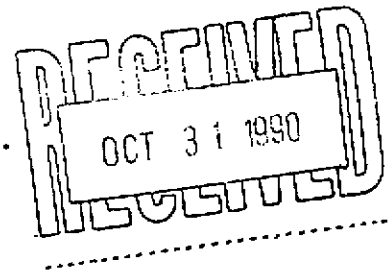
CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: OCT 03 1990
REPORT#: 900576 AA
JOB#: 900576

PROJECT#: SOUTH UNUK
SAMPLES ARRIVED: SEPT 24 1990
REPORT COMPLETED: OCT 03 1990
ANALYSED FOR: Au

INVOICE#: 900576 NA
TOTAL SAMPLES: 6
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 6 ROCK

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 900576 AA JOB NUMBER: 900576 PANICON DEVELOPMENTS LTD. PAGE 1 OF 1

SAMPLE #	Au oz/st
7182	.478
7184	.060
43559	.286
43560	.928
43563	.898
43564	1.312

DETECTION LIMIT .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

VGC VANGEOCHEM LAB LIMITED

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

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: OCT 01 1990

REPORT#: 900576 GA
JOB#: 900576

PROJECT#: SOUTH UNUK
SAMPLES ARRIVED: SEPT 24 1990
REPORT COMPLETED: OCT 01 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900576 NA
TOTAL SAMPLES: 49
SAMPLE TYPE: 49 ROCK
REJECTS: SAVED

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

RECEIVED
OCT 31 1990

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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VANCOUVER, B.C.
V5L 1L6
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BRANCH OFFICES
BATHURST, N.B.
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REPORT NUMBER: 900576 GA JOB NUMBER: 900576 PANICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
7170	nd
7171	nd
7172	nd
7173	nd
7174	nd
7175	nd
7176	340
7177	170
7178	nd
7179	nd
7180	nd
7181	nd
7182	> 10000
7183	360
7184	2240
7185	80
7186	10
7187	10
7188	160
7189	nd
7190	nd
7191	420
7192	nd
7193	nd
7194	nd
7195	nd
7196	nd
7197	nd
7198	nd
7199	nd
7200	nd
29001	50
29002	20
29003	nd
29004	nd
29005	20
29006	120
29007	170
29008	30

DETECTION LIMIT 5

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

VGC VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 900576 GA JOB NUMBER: 900576 PANICON DEVELOPMENTS LTD. PAGE 2 OF 2

SAMPLE #	Au ppb
29009	190
43559	> 10000
43560	> 10000
43561	120
43562	40
43563	9600
43564	> 10000
43565	120
43566	20
43567	50

DETECTION LIMIT 5

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

VGC VANGEOCHEM LAB LIMITED

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

ASSAY ANALYTICAL REPORT

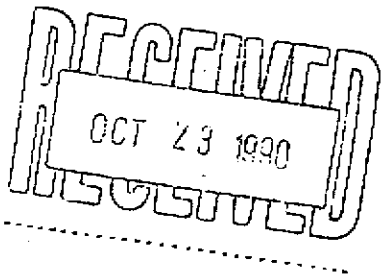
CLIENT: **PAMICON DEVELOPMENTS LTD.**
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: OCT 19 1990
REPORT#: **900504 AC**
JOB#: 900504

PROJECT#: SOUTH UNUK GOLD
SAMPLES ARRIVED: SEPT 17 1990
REPORT COMPLETED: OCT 19 1990
ANALYSED FOR: Pb Zn

INVOICE#: 900504 NB
TOTAL SAMPLES: 1
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 1 ROCK PULP

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: _____
Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 900504 AC JOB NUMBER: 900504 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Pb %	Zn %
7230	3.14	2.04
DETECTION LIMIT	.01	.01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

VGC VANGEOCHEM LAB LIMITED

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

ASSAY ANALYTICAL REPORT

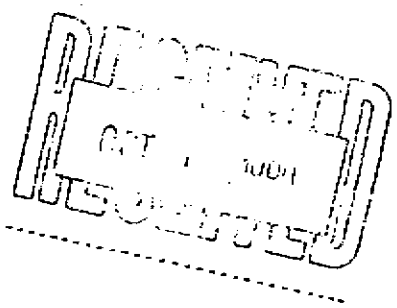
CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: OCT 12 1990
REPORT#: 900504 AB
JOB#: 900504

PROJECT#: SOUTH UNUK GOLD
SAMPLES ARRIVED: SEPT 17 1990
REPORT COMPLETED: OCT 12 1990
ANALYSED FOR: Ag

INVOICE#: 900504 NA
TOTAL SAMPLES: 2
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 2 ROCK

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: _____
Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

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.

REPORT NUMBER: 900504 AH JOB NUMBER: 900504 PANICON DEVELOPMENTS LTD.

SAMPLE #	Ag oz/st
7229	2.83
7230	50.20

DETECTION LIMIT .01

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

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

ICAP GEOCHEMICAL ANALYSIS

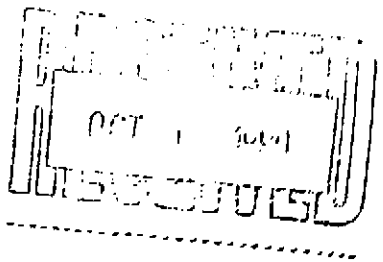
A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST:

REPORT #: 900504 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK GOLD | DATE IN: SEPT 17 1990 | DATE OUT: OCT 17 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
7212	0.5	0.16	<3	901	<3	0.34	11.4	21	42	63	>10.00	0.93	0.07	269	31	0.28	53	<0.01	176	94	31	19	<5	<3	320
7213	1.3	0.80	<3	51	<3	0.17	3.1	14	46	49	4.01	0.07	0.35	170	11	0.06	13	0.03	14	4	10	26	<5	<3	233
7214	<0.1	0.16	<3	113	<3	0.40	9.3	21	30	168	>10.00	1.08	0.06	227	28	0.28	<1	0.06	187	96	33	4	<5	<3	107
7215	0.2	0.24	<3	40	<3	0.65	11.3	149	49	1510	>10.00	1.16	0.08	131	140	0.30	13	0.13	198	103	36	7	<5	<3	149
7216	0.4	0.11	<3	40	<3	1.10	3.7	179	25	777	>10.00	0.23	0.03	484	6	0.06	66	0.12	36	8	8	6	<5	<3	33
7217	0.3	0.07	<3	27	<3	1.09	1.6	185	29	755	8.74	0.20	0.02	358	6	0.05	65	0.10	32	7	6	5	<5	<3	23
7218	0.6	0.11	<3	26	<3	1.06	1.9	224	22	812	>10.00	0.24	0.03	462	5	0.06	131	0.02	42	9	9	7	<5	<3	28
7219	1.1	0.10	<3	19	<3	3.41	3.2	317	33	1836	>10.00	0.46	0.08	758	10	0.11	39	0.22	79	28	13	20	<5	<3	60
7220	0.6	0.18	<3	14	<3	0.84	3.2	252	37	2390	>10.00	0.32	0.06	417	6	0.09	32	0.03	57	23	11	2	<5	<3	41
7221	0.2	0.04	13	11	<3	0.03	0.2	5	177	36	0.62	<0.01	0.02	49	11	<0.01	14	<0.01	3	<2	<2	1	<5	<3	3
7222	0.8	1.93	<3	11	<3	1.02	1.9	198	138	1422	>10.00	0.31	0.69	382	16	0.10	116	0.25	24	<2	19	15	<5	<3	43
7223	0.5	0.09	<3	10	<3	1.84	8.7	141	25	967	>10.00	1.01	0.06	905	21	0.24	45	0.10	167	82	29	7	<5	<3	92
7224	0.4	0.07	<3	9	<3	1.39	8.9	155	26	641	>10.00	1.10	0.06	709	26	0.26	58	0.16	184	89	31	4	<5	<3	97
7225	0.3	0.50	<3	15	<3	6.79	3.4	197	23	912	>10.00	0.47	0.16	772	13	0.08	123	0.11	54	20	11	45	<5	<3	44
7226	0.2	0.07	<3	9	<3	0.41	6.5	20	22	27	>10.00	0.62	0.08	499	14	0.18	12	0.01	114	57	21	2	<5	<3	51
7227	2.4	1.39	<3	16	<3	0.16	2.8	31	109	2564	6.84	0.12	0.62	315	14	0.04	19	0.01	12	<2	10	5	<5	<3	60
7228	0.2	2.28	<3	11	<3	0.72	3.5	48	128	77	5.46	0.16	2.33	1043	11	0.06	24	0.04	<2	<2	16	4	<5	<3	92
7229	>50.0	0.42	25	749	<3	3.11	3.7	10	70	219	3.30	0.24	0.77	1348	7	0.04	22	0.07	207	355	3	68	<5	<3	137
7230	>50.0	0.22	405	36	<3	0.27	144.7	6	138	7275	2.15	0.05	0.06	201	8	1.26	21	0.01	>20000	>2000	3	27	<5	<3	>20000
7231	22.0	2.97	<3	51	<3	1.75	5.2	28	76	2929	5.10	0.22	1.96	1034	14	0.09	43	0.10	822	56	14	66	<5	<3	555
7232	5.4	0.50	<3	47	<3	4.78	25.2	17	18	169	4.89	0.30	1.35	1595	4	0.30	37	0.06	3851	11	6	97	<5	<3	4910
7233	1.8	0.97	<3	11	<3	0.24	2.3	15	133	373	4.40	0.08	0.42	369	12	0.04	22	0.01	103	<2	5	9	<5	<3	144
7234	2.6	4.19	<3	23	<3	0.52	2.9	32	44	2559	8.03	0.19	1.91	955	16	0.08	35	0.05	<2	<2	20	16	<5	<3	177
7235	1.0	3.44	35	11	<3	0.76	2.8	127	56	816	5.60	0.16	1.92	781	18	0.06	53	0.08	<2	<2	17	45	<5	<3	104
43556	0.3	2.29	486	32	<3	2.16	0.5	360	37	116	2.92	0.19	0.82	577	8	0.07	48	0.04	<2	<2	11	28	<5	<3	57
43557	0.2	2.34	<3	145	<3	1.41	2.4	34	38	196	3.57	0.19	0.89	618	9	0.09	28	0.09	<2	<2	11	41	<5	<3	68
43558	0.7	0.98	<3	20	<3	0.91	3.7	238	101	1429	>10.00	0.27	0.43	350	32	0.09	115	0.16	40	11	11	17	<5	<3	46
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.



VGC VANGEOCHEM LAB LIMITED

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

ASSAY ANALYTICAL REPORT

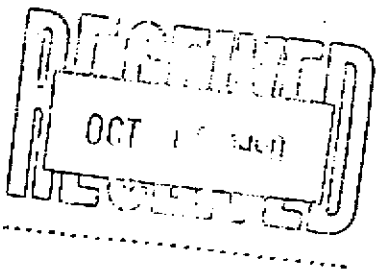
CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: OCT 01 1990
REPORT#: 900504 AA
JOB#: 900504

PROJECT#: SOUTH UNUK GOLD
SAMPLES ARRIVED: SEPT 17 1990
REPORT COMPLETED: OCT 01 1990
ANALYSED FOR: Au

INVOICE#: 900504 NA
TOTAL SAMPLES: 1
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 1 ROCK

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 900504 AA JOB NUMBER: 900504 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Au oz/st
7227	.094

DETECTION LIMIT .005

1 troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

VGC VANGEOCHEM LAB LIMITED

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BATHURST, N.B.
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GEOCHEMICAL ANALYTICAL REPORT

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

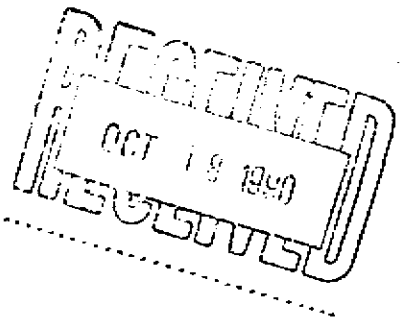
DATE: OCT 01 1990

REPORT#: 900504 GA
JOB#: 900504

PROJECT#: SOUTH UNUK GOLD
SAMPLES ARRIVED: SEPT 17 1990
REPORT COMPLETED: OCT 01 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900504 NA
TOTAL SAMPLES: 27
SAMPLE TYPE: 27 ROCK
REJECTS: SAVED

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

VGC VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 900504 GA JOB NUMBER: 900504 PANICON DEVELOPMENTS LTD. PAGE 1 OF 1

SAMPLE #	Au ppb
7212	nd
7213	nd
7214	10
7215	40
7216	nd
7217	nd
7218	20
7219	10
7220	60
7221	nd
7222	20
7223	20
7224	10
7225	nd
7226	nd
7227	4000
7228	40
7229	40
7230	540
7231	250
7232	230
7233	20
7234	40
7235	20
43556	30
43557	nd
43558	20

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

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: SEPT 17 1990
REPORT#: 900412 GA
JOB#: 900412

PROJECT#: SOUTH UNUK
SAMPLES ARRIVED: SEPT 07 1990
REPORT COMPLETED: SEPT 17 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900412 NA
TOTAL SAMPLES: 4
SAMPLE TYPE: 4 ROCK
REJECTS: SAVED

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

RECEIVED
OCT 19 1990

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

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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.

REPORT NUMBER: 900412 GA JOB NUMBER: 900412 PANICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
7208	50
7209	nd
7210	40
7211	nd

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

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

ICAP GEOCHEMICAL ANALYSIS

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

ANALYST: _____

REPORT #: 900412 PA | PANICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK | DATE IN: SEPT 07 1990 | DATE OUT: OCT 05 1990 | ATTENTION: MR. STEVE TODORUK | PAGE 1 OF 1

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
7208	1.5	3.80	<3	87	<3	1.35	3.4	30	35	1953	7.46	0.22	1.97	792	10	0.08	33	0.13	19	<2	22	141	<5	<3	98
7209	0.3	1.54	<3	94	<3	0.42	2.1	11	20	190	4.84	0.10	0.78	296	7	0.05	6	0.06	13	<2	8	14	<5	<3	22
7210	5.8	0.86	<3	7	>1000	0.07	7.6	599	24	3020	>10.00	0.23	0.27	201	21	0.09	38	0.02	98	50	17	3	<5	<3	60
7211	0.2	1.84	<3	14	<3	1.14	0.7	30	27	232	3.23	0.15	0.93	327	9	0.04	2	0.11	8	<2	11	43	<5	<3	27
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

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• (604) 251-5656
• FAX (604) 254-5717

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

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: SEPT 14 1990
REPORT#: 900394 GA
JOB#: 900394

PROJECT#: SOUTH UNUK GOLD
SAMPLES ARRIVED: SEPT 05 1990
REPORT COMPLETED: SEPT 14 1990
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 900394 NA
TOTAL SAMPLES: 5
SAMPLE TYPE: 5 ROCK
REJECTS: SAVED

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

RECEIVED
OCT 1 0 1990

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

1630 PANDORA STREET
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(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 900394 GA JOB NUMBER: 900394 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Au
	ppb
43551	nd
43552	nd
43553	nd
43554	nd
43555	nd

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

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

ICAP GEOCHEMICAL ANALYSIS

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

ANALYST: _____

REPORT #: 900394 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK GOLD | DATE IN: SEPT 05 1990 | DATE OUT: OCT 05 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
43551	<0.1	5.09	<3	12	<3	5.01	3.1	37	37	93	4.91	0.34	2.15	1040	9	0.05	36	0.08	37	<2	21	28	<5	<3	78
43552	0.2	4.41	<3	12	<3	4.45	3.3	37	31	184	4.89	0.32	1.77	953	8	0.05	16	0.09	16	<2	20	51	<5	<3	65
43553	<0.1	2.13	<3	36	<3	2.62	2.1	20	15	55	3.01	0.23	1.03	843	6	0.03	<1	0.11	9	<2	10	49	<5	<3	37
43554	<0.1	3.31	<3	9	<3	3.94	2.5	38	28	148	4.71	0.30	1.84	855	7	0.06	8	0.07	21	<2	19	52	<5	<3	67
43555	<0.1	1.32	<3	20	<3	0.80	2.3	10	45	60	2.80	0.12	0.92	369	15	0.04	<1	0.09	12	<2	9	57	<5	<3	26
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

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

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

VGC VANGEOCHEM LAB LIMITED

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• (604) 251-5656
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BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: SEPT 13 1990

REPORT#: 900380 GA
JOB#: 900380

PROJECT#: SOUTH UNUK
SAMPLES ARRIVED: SEPT 05 1990
REPORT COMPLETED: SEPT 13 1990
ANALYSED FOR: Au ICP

INVOICE#: 900380 NA
TOTAL SAMPLES: 38
SAMPLE TYPE: 38 SOIL
REJECTS: DISCARDED

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

PREPARED FOR: MR. STEVE TODORUK

RECEIVED
OCT -5 1990

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

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

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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• FAX (604) 254-5717

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

REPORT NUMBER: 900380 GA JOB NUMBER: 900380 PANICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
L560 000S	20
L560 025S	25
L560 050S	15
L560 075S	15
L560 100S	nd
L560 125S	10
L560 150S	20
L560 175S	30
L560 200S	25
L560 225S	15
L560 250S	20
L560 275S	10
L560 300S	15
L560 325S	10
L560 350S	15
L560 375S	25
L560 400S	10
L560 425S	30
L560 450S	20
L560 475S	10
L560 500S	10
L700 000S	nd
L700 025S	30
L700 050S	30
L700 075S	15
L700 100S	nd
L700 125S	15
L700 150S	5
L700 175S	25
L700 200S	20
L700 225S	5
L700 250S	35
L700 275S	20
L700 300S	10
L700 325S	nd
L700 350S	5
L700 375S	10
L700 400S	15

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

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

ICAP GEOCHEMICAL ANALYSIS

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

RECEIVED OCT - 5 1990

ANALYST:

REPORT #: 900380 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK | DATE IN: SEPT 05 1990 | DATE OUT: OCT 04 1990 | ATTENTION: MR. STEVE TODORUK | PAGE 1 OF 1

Sample Name	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
L560 000S	<0.1	2.26	<3	50	<3	0.25	1.7	22	64	38	7.19	0.18	0.40	415	18	0.03	35	0.07	<2	<2	20	13	<5	<3	67
L560 025S	0.2	1.32	<3	29	<3	0.42	0.4	24	49	42	2.89	0.09	0.62	204	9	0.02	38	0.08	<2	<2	15	34	<5	<3	45
L560 050S	<0.1	1.81	<3	46	<3	0.79	1.4	36	79	44	3.88	0.17	1.06	334	11	0.03	57	0.16	<2	<2	21	38	<5	<3	61
L560 075S	1.0	2.53	<3	30	<3	0.31	1.7	14	26	79	3.29	0.09	0.58	320	13	0.04	18	0.22	<2	<2	14	29	<5	<3	74
L560 100S	<0.1	0.46	<3	21	<3	0.18	0.4	4	11	29	0.53	0.02	0.07	62	7	<0.01	16	0.06	<2	3	8	9	<5	<3	97
L560 125S	1.0	2.68	<3	33	<3	0.75	1.1	28	56	42	4.02	0.14	1.01	393	15	0.03	43	0.09	<2	<2	18	35	<5	<3	70
L560 150S	1.1	4.92	<3	93	<3	1.01	3.4	202	27	1323	>10.00	0.37	1.20	4374	26	0.04	48	0.10	<2	<2	20	84	<5	<3	144
L560 175S	0.8	6.42	<3	51	<3	0.17	1.4	17	29	92	2.88	0.09	0.29	325	25	0.03	22	0.09	<2	<2	19	13	<5	<3	100
L560 200S	<0.1	2.13	<3	35	<3	0.31	0.8	22	30	52	4.78	0.12	0.69	266	13	0.03	20	0.06	<2	<2	16	27	<5	<3	78
L560 225S	0.1	1.60	<3	26	<3	0.45	1.7	27	39	38	4.93	0.13	0.84	335	12	0.04	31	0.08	<2	<2	16	31	<5	<3	61
L560 250S	0.3	1.55	<3	100	<3	2.78	<0.1	16	25	55	1.91	0.18	0.49	1283	11	0.03	17	0.10	<2	<2	11	77	<5	<3	89
L560 275S	0.6	3.16	<3	90	<3	2.04	0.9	19	37	104	4.28	0.22	0.62	606	16	0.03	21	0.13	<2	<2	16	70	<5	<3	88
L560 300S	1.0	1.52	<3	43	<3	0.24	1.9	19	46	37	8.20	0.18	0.54	420	14	0.03	32	0.46	14	4	16	14	<5	<3	87
L560 325S	0.1	0.91	<3	53	<3	0.54	0.8	26	51	24	3.88	0.12	0.40	183	13	0.03	33	0.09	13	5	19	24	<5	<3	84
L560 350S	0.5	1.62	<3	29	<3	0.27	1.8	32	45	27	6.38	0.14	0.50	280	18	0.04	22	0.06	7	4	25	18	<5	<3	58
L560 375S	0.2	1.75	<3	37	<3	0.37	0.7	30	34	19	3.04	0.10	1.09	247	13	0.03	22	0.05	<2	<2	21	25	<5	<3	65
L560 400S	<0.1	1.07	<3	25	<3	0.34	1.0	20	27	24	5.49	0.13	0.39	354	14	0.03	10	0.31	15	5	16	18	<5	<3	56
L560 425S	0.3	0.59	<3	49	<3	0.31	0.6	10	15	22	1.49	0.05	0.19	107	8	0.02	9	0.08	8	5	12	23	<5	<3	85
L560 450S	1.0	0.78	<3	25	<3	0.25	<0.1	17	27	22	2.98	0.07	0.36	199	11	0.02	14	0.12	7	5	15	14	<5	<3	56
L560 475S	0.3	0.65	<3	13	<3	0.26	0.2	15	19	22	2.37	0.07	0.19	141	8	0.02	10	0.10	13	3	14	14	<5	<3	79
L560 500S	0.3	3.58	<3	25	<3	0.29	1.0	21	43	68	4.00	0.11	0.95	428	15	0.03	32	0.07	<2	<2	18	17	<5	<3	91
~~L900~~ 000S L700	0.3	2.72	<3	47	<3	0.43	1.2	27	45	33	5.93	0.16	0.68	239	17	0.04	18	0.18	<2	<2	22	21	<5	<3	63
~~L960~~ 025S	0.4	5.23	<3	26	<3	0.63	2.3	44	100	66	5.60	0.20	3.18	758	22	0.04	66	0.07	<2	<2	28	24	<5	<3	99
~~L560~~ 050S	0.4	3.98	<3	44	<3	0.58	0.6	26	54	65	4.37	0.14	1.47	612	19	0.03	30	0.07	<2	<2	19	56	<5	<3	86
~~L560~~ 075S	0.2	3.28	<3	40	<3	0.52	0.3	22	36	71	3.86	0.12	0.97	430	16	0.03	24	0.13	<2	<2	16	31	<5	<3	85
~~L560~~ 100S	0.3	6.10	<3	40	<3	0.30	1.6	29	52	72	4.94	0.14	1.05	872	28	0.03	28	0.12	<2	<2	23	21	<5	<3	115
~~L560~~ 125S	0.9	2.43	<3	41	<3	0.33	2.9	27	36	30	5.51	0.14	0.69	811	19	0.05	14	0.10	<2	<2	20	34	<5	<3	80
~~L560~~ 150S	0.4	1.27	<3	48	<3	0.41	1.5	23	14	15	2.55	0.08	0.41	197	12	0.06	10	0.08	<2	<2	18	49	<5	<3	77
~~L560~~ 175S	1.1	1.86	<3	30	<3	0.38	1.2	22	23	23	3.34	0.10	0.75	302	13	0.05	11	0.06	<2	<2	16	41	<5	<3	62
~~L560~~ 200S	0.2	0.38	<3	54	<3	0.33	<0.1	4	7	15	0.58	0.04	0.05	28	8	0.01	5	0.06	<2	4	8	26	<5	<3	65
~~L560~~ 225S	0.3	2.99	<3	39	<3	0.22	1.8	21	42	41	7.31	0.17	0.85	531	21	0.04	28	0.06	<2	<2	19	17	<5	<3	100
~~L560~~ 250S	0.7	1.48	<3	42	<3	0.21	1.8	28	32	28	5.21	0.12	0.37	334	16	0.05	15	0.06	28	<2	23	19	<5	<3	80
~~L560~~ 275S	0.8	2.06	<3	47	<3	0.26	1.4	29	34	30	5.58	0.13	0.58	271	17	0.04	17	0.06	11	<2	24	21	<5	<3	73
~~L560~~ 300S	1.5	2.52	<3	30	<3	0.27	1.9	30	40	32	6.09	0.15	0.80	288	17	0.04	19	0.05	<2	<2	24	19	<5	<3	73
~~L560~~ 325S	0.3	2.76	<3	32	<3	0.29	0.9	26	45	36	6.45	0.16	0.82	327	17	0.04	22	0.06	<2	<2	23	18	<5	<3	63
~~L560~~ 350S	0.4	2.08	<3	55	<3	0.28	0.7	22	40	32	5.60	0.13	0.72	258	15	0.04	19	0.05	<2	<2	20	19	<5	<3	73
~~L560~~ 375S	0.2	2.48	<3	28	<3	0.35	1.3	27	48	33	5.37	0.14	1.00	418	15	0.04	24	0.05	<2	<2	21	19	<5	<3	69
~~L560~~ 400S L700	0.4	1.84	<3	42	<3	0.39	1.0	45	40	28	4.41	0.13	1.14	316	15	0.05	20	0.05	<2	<2	30	26	<5	<3	87
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

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

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

GEOCHEMICAL ANALYTICAL REPORT

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

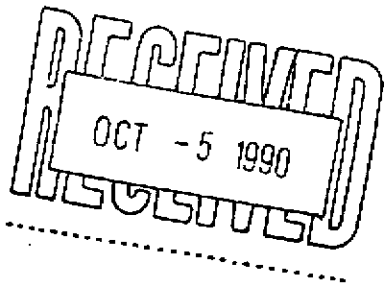
DATE: SEPT 14 1990
REPORT#: **900402 GA**
JOB#: 900402

PROJECT#: SOUTH UNUK GOLD
SAMPLES ARRIVED: SEPT 06 1990
REPORT COMPLETED: SEPT 14 1990
ANALYSED FOR: Au ICP

INVOICE#: 900402 NA
TOTAL SAMPLES: 40
SAMPLE TYPE: 40 SOIL
REJECTS: DISCARDED

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

PREPARED FOR: MR. STEVE TODORUK



ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

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

REPORT NUMBER: 900402 GA JOB NUMBER: 900402 PANICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
L1250 000W S	10
L1250 025W S	5
L1250 050W	15
L1250 075W	25
L1250 100W	10
L1250 125W	5
L1250 150W	5
L1250 175W	20
L1250 225W	5
L1250 250W	5
L1250 275W	10
L1250 300W	5
L1250 325W	20
L1250 350W	20
L1250 375W	25
L1250 400W	5
L1250 425W	nd
L1250 450W	15
L1250 475W	25
L1250 500W	5
L1250 525W	5
L1250 550W	10
L1250 575W	15
L1250 600W	5
L1250 625W	15
L1250 650W	5
L1250 675W	15
L1250 700W	10
L1250 725W	5
L1250 750W	10
L1250 775W	20
L1250 800W	5
L1250 825W	nd
L1250 850W	20
L1250 875W	15
L1250 900W	20
11250 925W	10
L1250 950W	5
L1250 975W S	25
DETECTION LIMIT	5

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

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BRANCH OFFICES
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REPORT NUMBER: 900402 GA JOB NUMBER: 900402 PANICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
L1250 1000S	20

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

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

ICAP GEOCHEMICAL ANALYSIS

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

REPORT #: 900402 PA | PAMICON DEVELOPMENT LTD. | PROJECT: SOUTH UNUK GOLD | DATE IN: SEPT 06 1990 | DATE OUT: OCT 04 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
L1250 000E S	0.1	3.55	<3	40	<3	0.26	1.4	13	57	97	3.62	0.07	0.57	280	24	0.03	51	0.10	9	<2	14	32	<5	<3	111
L1250 025N S	0.2	3.38	<3	60	<3	0.42	1.5	21	40	127	5.07	0.11	0.89	692	25	0.04	32	0.10	19	<2	15	44	<5	<3	94
L1250 050N S	0.1	3.94	<3	46	<3	0.25	1.0	14	55	54	4.77	0.10	0.76	510	23	0.03	28	0.08	<2	<2	17	27	<5	<3	74
L1250 075N	<0.1	3.95	<3	36	<3	0.20	1.7	14	39	61	4.68	0.10	0.64	500	23	0.04	28	0.07	10	<2	17	14	<5	<3	102
L1250 100N	0.1	4.06	<3	27	<3	0.32	1.4	16	41	43	6.68	0.15	0.60	288	26	0.07	24	0.11	22	<2	19	27	<5	<3	78
L1250 125N	0.5	4.10	<3	12	<3	0.04	0.4	4	31	14	5.74	0.08	0.05	240	26	0.05	10	0.05	20	<2	17	2	<5	<3	59
L1250 150N	<0.1	3.49	<3	19	<3	0.08	1.3	12	35	28	5.77	0.09	0.26	930	26	0.05	12	0.06	20	<2	16	7	<5	<3	99
L1250 175N	<0.1	3.30	<3	52	<3	0.48	2.0	23	44	141	4.64	0.13	1.22	720	22	0.04	39	0.12	9	<2	14	35	<5	<3	107
L1250 225N	<0.1	3.45	<3	76	<3	0.61	1.7	34	44	205	4.83	0.14	1.45	980	21	0.04	42	0.12	6	<2	15	48	<5	<3	115
L1250 250N	<0.1	3.73	<3	27	<3	0.29	0.9	16	45	72	5.63	0.12	0.80	370	22	0.04	25	0.08	18	<2	16	20	<5	<3	98
L1250 275N	<0.1	2.32	<3	9	<3	0.04	2.0	5	31	15	8.28	0.11	0.06	163	22	0.05	8	0.07	28	<2	15	3	<5	<3	55
L1250 300N	<0.1	2.32	<3	17	<3	0.04	0.9	9	33	19	5.45	0.06	0.18	314	19	0.04	8	0.03	19	<2	14	6	<5	<3	57
L1250 325N	0.1	4.91	<3	37	<3	0.36	1.2	16	44	105	3.89	0.09	0.72	465	28	0.03	18	0.11	<2	<2	17	44	<5	<3	61
L1250 350N	<0.1	1.88	<3	28	<3	0.20	1.2	13	35	22	6.02	0.09	0.31	239	20	0.06	12	0.07	29	<2	14	22	<5	<3	70
L1250 375N	0.4	2.32	<3	30	<3	0.16	1.1	12	40	65	4.66	0.07	0.45	301	17	0.04	14	0.15	26	<2	13	24	<5	<3	78
L1250 400N	<0.1	1.67	<3	13	<3	0.39	0.8	25	58	32	4.13	0.10	0.65	231	14	0.06	28	0.03	33	<2	17	9	<5	<3	57
L1250 425N	0.5	3.59	<3	18	<3	0.09	0.7	8	38	36	4.30	0.07	0.16	155	20	0.04	6	0.07	11	<2	16	7	<5	<3	57
L1250 450N	1.1	3.49	<3	30	<3	0.16	<0.1	14	48	42	3.36	0.06	0.31	127	19	0.03	14	0.06	14	<2	16	19	<5	<3	51
L1250 475N	0.3	3.41	<3	50	<3	0.45	1.3	32	50	145	4.44	0.11	1.11	1158	18	0.03	35	0.11	8	<2	14	28	<5	<3	122
L1250 500N	0.2	4.19	<3	15	<3	0.06	<0.1	7	38	23	4.15	0.05	0.16	176	24	0.04	8	0.06	7	<2	16	6	<5	<3	64
L1250 525N	0.3	1.15	<3	15	<3	0.02	<0.1	8	33	15	1.61	0.01	0.05	78	9	0.04	8	0.04	47	<2	11	6	<5	<3	38
L1250 550N	0.2	3.30	<3	11	<3	0.07	1.0	10	52	23	5.73	0.09	0.19	107	18	0.03	8	0.05	<2	<2	16	6	<5	<3	49
L1250 575N	0.1	3.99	<3	14	<3	0.05	<0.1	7	46	40	4.80	0.07	0.15	212	24	0.04	4	0.10	8	<2	16	6	<5	<3	50
L1250 600N	0.5	2.96	<3	16	<3	0.04	0.4	8	42	26	4.54	0.06	0.13	189	18	0.03	2	0.06	8	<2	14	7	<5	<3	59
L1250 625N	0.8	2.10	<3	13	<3	0.03	1.2	10	42	20	6.44	0.09	0.11	258	17	0.04	3	0.05	24	<2	15	5	<5	<3	56
L1250 650N	0.8	1.78	<3	20	<3	0.05	0.2	13	44	29	4.70	0.07	0.22	184	14	0.04	7	0.08	38	<2	14	9	<5	<3	59
L1250 675N	0.2	4.96	<3	13	<3	0.12	<0.1	10	47	24	5.37	0.11	0.26	386	26	0.06	10	0.05	<2	<2	19	7	<5	<3	76
L1250 700N	0.5	3.47	<3	21	<3	0.02	<0.1	7	45	24	5.07	0.07	0.10	382	21	0.04	4	0.04	8	<2	15	5	<5	<3	70
L1250 725N	0.4	2.05	<3	46	<3	0.16	0.9	18	36	34	4.96	0.07	0.46	265	14	0.03	3	0.11	15	<2	13	29	<5	<3	54
L1250 750N	0.2	3.67	<3	12	<3	0.01	<0.1	5	47	40	4.07	0.05	0.07	86	21	0.03	2	0.06	6	<2	15	4	<5	<3	42
L1250 775N	<0.1	5.26	<3	20	<3	0.33	<0.1	23	59	51	4.46	0.12	0.50	765	28	0.06	15	0.08	<2	<2	20	24	<5	<3	67
L1250 800N	0.7	3.16	<3	13	<3	0.01	0.1	8	47	24	6.52	0.09	0.09	209	24	0.05	2	0.04	23	<2	16	6	<5	<3	70
L1250 825N	0.3	2.23	<3	10	<3	0.02	<0.1	8	47	17	6.66	0.08	0.07	151	19	0.05	3	0.04	31	<2	15	6	<5	<3	59
L1250 850N	0.5	3.67	<3	22	<3	0.12	0.4	12	51	40	4.35	0.08	0.28	413	21	0.04	7	0.07	7	<2	16	24	<5	<3	73
L1250 875N	0.7	2.64	<3	16	<3	0.04	<0.1	9	49	16	5.62	0.07	0.14	246	20	0.04	2	0.05	22	<2	15	9	<5	<3	73
L1250 900N	1.0	3.17	<3	35	<3	0.13	0.5	11	55	42	5.07	0.07	0.50	311	19	0.03	13	0.05	4	<2	13	19	<5	<3	71
L1250 925N	0.5	4.04	<3	22	<3	0.16	0.9	15	60	42	6.35	0.12	0.46	274	25	0.05	10	0.09	16	<2	18	12	<5	<3	76
L1250 950N S	0.4	6.24	<3	19	<3	0.54	0.8	23	82	47	5.95	0.15	0.57	314	31	0.07	16	0.13	<2	<2	25	35	<5	<3	68
L1250 975N S	<0.1	3.12	<3	41	<3	0.50	<0.1	18	51	34	3.22	0.10	0.79	306	17	0.08	12	0.09	7	<2	15	55	<5	<3	76
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

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

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

ICAP GEOCHEMICAL ANALYSIS

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

ANALYST: _____

REPORT #: 900402 PA | PAMICON DEVELOPMENT LTD. | PROJECT: SOUTH UNUK GOLD | DATE IN: SEPT 06 1990 | DATE OUT: OCT 04 1990 | ATTENTION: MR. STEVE TODDRUK |

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
L1250 975W S	<0.1	3.05	<3	14	<3	0.09	<0.1	9	52	24	5.35	0.08	0.22	133	21	0.05	<1	0.11	21	<2	15	8	<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 - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

1630 PANDORA STREET
VANCOUVER, BC V5L 1L6
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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: SEPT 25 1990
REPORT#: 900515 GA
JOB#: 900515

PROJECT#: SOUTH UNUK GOLD
SAMPLES ARRIVED: SEPT 18 1990
REPORT COMPLETED: SEPT 25 1990
ANALYSED FOR: Au ICP

INVOICE#: 900515 NA
TOTAL SAMPLES: 58
SAMPLE TYPE: 58 SOIL
REJECTS: DISCARDED

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

RECEIVED
OCT 29 1990

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

1630 PANDORA STREET
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BRANCH OFFICES
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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900515 GA JOB NUMBER: 900515 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
L570 000N	nd
L570 025N	5
L570 075N	10
L570 100N	5
L570 125N	5
L570 150N	15
L570 175N	nd
L570 200N	5
L570 225N	20
L570 250N	25
L570 275N	15
L570 300N	15
L570 325N	20
L570 375N	15
L570 400N	15
L570 425N	20
L570 450N	10
L570 475N	20
L570 500N	10
L570 525N	nd
L570 550N	10
L570 575N	15
L570 600N	nd
L570 625N	20
L570 650N	nd
L570 675N	nd
L570 700N	5
L1130 000S	5
L1130 025S	10
L1130 050S	5
L1130 075S	nd
L1130 100S	15
L1130 125S	20
L1130 150S	nd
L1130 175S	nd
L1130 200S	20
L1130 250S	5
L1130 275S	10
L1130 300S	nd
DETECTION LIMIT	5

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

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

SAMPLE #	Au ppb
L1130 325S	5
L1130 375S	5
L1130 400S	10
L1130 425S	20
L1130 450S	5
L1130 475S	10
L1130 500S	25
L1130 525S	25
L1130 550S	10
L1130 575S	15
L1130 600S	10
L1130 625S	15
L1130 650S	25
L1130 675S	nd
L1130 700S	25
L1130 725S	nd
L1130 750S	nd
L1130 775S	20
L1130 800S	15

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

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

ICAP GEOCHEMICAL ANALYSIS

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

REPORT #: 900515 PA | PANICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK GOLD | DATE IN: SEPT 18 1990 | DATE OUT: OCT 18 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L570 000N	0.5	0.70	45	41	<3	2.28	0.9	8	10	18	1.27	0.16	0.17	321	9	0.03	16	0.06	5	<2	11	61	<5	<3	95
L570 025N	0.5	2.74	<3	63	<3	0.13	0.9	9	53	34	7.96	0.14	0.27	187	17	0.04	23	0.02	<2	<2	15	10	<5	<3	102
L570 075N	0.7	3.05	<3	65	<3	0.15	1.1	8	43	52	6.69	0.13	0.43	278	14	0.03	23	0.04	<2	<2	15	10	<5	<3	105
L570 100N	<0.1	1.66	28	25	<3	1.14	0.1	17	33	60	2.18	0.12	0.79	457	13	0.02	28	0.09	<2	<2	13	36	<5	<3	75
L570 125N	0.3	2.42	<3	119	<3	0.09	<0.1	7	41	47	4.72	0.07	0.34	215	11	0.02	32	0.04	<2	<2	10	10	<5	<3	129
L570 150N	0.3	2.00	<3	64	<3	0.18	0.8	19	35	35	7.29	0.14	0.21	157	15	0.05	20	0.06	<2	<2	20	15	<5	<3	60
L570 175N	0.6	2.21	<3	91	<3	0.14	0.8	15	44	31	8.93	0.16	0.28	248	19	0.05	25	0.08	<2	<2	19	12	<5	<3	74
L570 200N	0.3	2.67	<3	44	<3	0.15	1.8	16	69	37	>10.00	0.23	0.32	285	22	0.06	33	0.16	<2	<2	23	9	<5	<3	80
L570 225N	0.2	3.63	<3	125	<3	0.89	2.3	43	32	53	5.46	0.19	2.30	1183	14	0.05	55	0.15	<2	<2	20	65	<5	<3	148
L570 250N	1.5	4.98	<3	63	<3	0.18	1.7	16	75	57	9.41	0.20	0.51	274	24	0.06	37	0.05	<2	<2	23	20	<5	<3	91
L570 275N	<0.1	2.76	<3	71	<3	0.24	2.1	18	46	72	4.44	0.09	0.91	654	12	0.03	63	0.13	<2	<2	12	14	<5	<3	120
L570 300N	0.2	2.63	<3	61	<3	0.16	1.9	14	53	57	9.90	0.19	0.39	280	24	0.05	43	0.07	<2	<2	19	11	<5	<3	88
L570 325N	0.2	1.20	9	81	<3	0.10	1.1	11	19	30	2.45	0.02	0.13	129	11	0.03	37	0.05	2	<2	11	16	<5	<3	75
L570 375N	0.5	2.45	<3	51	<3	0.14	1.0	15	38	45	9.23	0.17	0.22	375	31	0.07	41	0.09	<2	<2	22	8	<5	<3	83
L570 400N	0.2	2.42	<3	79	<3	0.29	1.3	17	41	46	6.54	0.13	0.63	283	17	0.05	51	0.09	<2	<2	15	18	<5	<3	78
L570 425N	0.3	0.84	29	102	<3	0.36	1.4	12	9	26	1.36	0.02	0.21	99	8	0.03	41	0.08	<2	<2	13	63	<5	<3	85
L570 450N	<0.1	0.33	52	19	<3	0.39	1.5	2	4	21	0.46	0.01	0.11	128	5	<0.01	40	0.07	12	8	9	14	<5	<3	84
L570 475N	0.8	1.57	<3	101	<3	0.55	2.4	18	28	41	4.72	0.11	0.26	333	36	0.05	49	0.07	3	<2	15	24	<5	<3	92
L570 500N	0.7	1.65	<3	133	<3	0.23	0.9	12	31	37	3.26	0.05	0.16	110	33	0.03	47	0.04	6	<2	14	13	<5	<3	52
L570 525N	<0.1	1.05	8	125	<3	0.40	1.0	12	18	56	3.30	0.07	0.13	192	29	0.03	52	0.02	14	<2	11	16	<5	<3	67
L570 550N	0.1	0.71	37	50	<3	0.70	2.1	10	9	30	1.41	0.05	0.20	79	10	0.02	62	0.06	6	<2	10	43	<5	<3	46
L570 575N	<0.1	0.58	<3	34	<3	0.42	5.6	15	22	91	>10.00	1.07	0.10	147	62	0.20	42	<0.01	<2	42	29	8	<5	<3	72
L570 600N	<0.1	0.64	14	79	<3	3.96	2.4	4	7	45	1.38	0.21	0.17	66	23	0.02	59	0.06	13	4	11	82	<5	<3	70
L570 625N	1.5	0.79	30	70	<3	1.93	2.4	14	13	99	1.20	0.13	0.13	97	6	0.03	66	0.05	17	<2	10	44	<5	<3	58
L570 650N	0.5	0.64	45	68	<3	4.29	1.7	9	5	95	0.64	0.20	0.17	90	10	0.02	64	0.06	13	<2	9	90	<5	<3	79
L570 675N	0.6	1.09	4	79	<3	1.57	0.9	14	21	92	3.98	0.17	0.33	413	21	0.03	67	0.06	<2	<2	9	41	<5	<3	82
L570 700N	<0.1	0.68	35	106	<3	0.65	2.5	6	10	37	1.45	0.05	0.21	85	11	0.03	68	0.05	9	<2	9	40	<5	<3	85
L1130 000S	<0.1	2.50	<3	27	<3	0.16	0.4	12	43	50	4.69	0.07	0.41	199	13	0.06	71	0.06	<2	<2	18	14	<5	<3	73
L1130 025S	<0.1	3.79	<3	33	<3	0.25	0.3	17	43	86	4.29	0.09	0.77	328	13	0.06	83	0.08	<2	<2	18	26	<5	<3	92
L1130 050S	<0.1	3.66	<3	27	<3	0.16	2.8	15	41	70	6.14	0.11	0.63	282	17	0.07	79	0.07	<2	<2	18	17	<5	<3	85
L1130 075S	<0.1	3.66	<3	33	<3	0.18	2.8	13	34	83	5.31	0.11	0.61	283	16	0.07	80	0.08	<2	<2	18	20	<5	<3	82
L1130 100S	<0.1	3.23	<3	17	<3	0.15	2.1	15	59	53	6.05	0.10	0.27	172	17	0.07	75	0.07	<2	<2	22	8	<5	<3	66
L1130 125S	0.1	3.56	<3	45	<3	0.50	3.1	20	34	109	4.00	0.11	0.84	393	14	0.09	88	0.09	<2	<2	18	66	<5	<3	104
L1130 150S	0.4	4.99	<3	15	<3	0.14	0.7	9	49	54	3.84	0.06	0.17	77	14	0.05	78	0.06	<2	<2	21	9	<5	<3	50
L1130 175S	0.2	2.05	<3	27	<3	0.14	3.3	8	34	48	9.25	0.15	0.17	299	16	0.07	79	0.04	<2	<2	19	9	<5	<3	86
L1130 200S	<0.1	2.78	<3	28	<3	0.49	2.8	22	61	68	4.11	0.10	0.72	395	13	0.06	95	0.08	<2	<2	19	26	<5	<3	103
L1130 225S	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
L1130 250S	0.1	3.91	<3	25	<3	0.18	0.5	14	36	67	4.93	0.09	0.44	518	15	0.07	95	0.08	<2	<2	19	17	<5	<3	85
L1130 275S	0.1	2.89	<3	28	<3	0.19	0.6	10	46	66	5.46	0.09	0.29	205	17	0.05	103	0.09	<2	<2	16	19	<5	<3	77
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

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

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ICAP GEOCHEMICAL ANALYSIS

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

ANALYST: _____

REPORT #: 900515 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK GOLD | DATE IN: SEPT 18 1990 | DATE OUT: OCT 18 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L1130 300S	0.2	1.88	14	26	<3	0.12	0.4	9	28	22	1.73	0.04	0.17	108	10	0.03	22	0.04	<2	<2	11	16	<5	<3	34
L1130 325S	<0.1	2.01	<3	13	<3	0.08	<0.1	8	21	26	2.40	0.06	0.21	105	9	0.04	7	0.04	<2	<2	11	11	<5	<3	37
L1130 350S	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
L1130 375S	<0.1	1.62	18	39	<3	0.58	<0.1	26	29	54	2.92	0.11	0.84	803	7	0.05	15	0.07	<2	<2	9	31	<5	<3	63
L1130 400S	0.4	1.96	12	14	<3	0.11	<0.1	6	21	28	3.55	0.08	0.08	97	12	0.04	<1	0.04	23	<2	12	8	<5	<3	37
L1130 425S	0.2	1.29	5	24	<3	0.09	1.6	10	25	18	3.26	0.08	0.28	170	8	0.04	5	0.03	21	<2	10	9	<5	<3	41
L1130 450S	0.4	1.47	<3	40	<3	0.14	<0.1	10	28	24	3.64	0.09	0.34	174	11	0.04	8	0.08	<2	<2	11	19	<5	<3	45
L1130 475S	0.3	1.09	13	16	<3	0.07	0.5	7	18	12	2.04	0.07	0.08	67	8	0.04	1	0.04	27	2	9	9	<5	<3	31
L1130 500S	0.2	0.99	21	12	<3	0.05	0.4	6	15	10	2.21	0.09	0.05	71	9	0.06	5	0.03	25	<2	7	7	<5	<3	26
L1130 525S	<0.1	0.39	33	20	<3	0.16	1.1	8	9	7	1.17	0.11	0.10	79	6	0.07	6	0.02	47	13	5	15	<5	<3	28
L1130 550S	0.1	0.33	49	10	<3	0.13	1.2	12	9	17	0.74	0.17	0.15	246	6	0.10	7	0.02	68	25	4	13	>100	<3	19
L1130 575S	<0.1	1.02	24	24	<3	0.26	0.3	18	21	54	1.95	0.14	0.50	692	7	0.08	12	0.04	29	14	5	22	<5	<3	43
L1130 600S	<0.1	1.19	29	16	<3	0.14	0.5	22	18	54	1.64	0.15	0.26	523	9	0.09	12	0.02	31	14	7	29	<5	<3	39
L1130 625S	<0.1	0.92	15	11	<3	0.10	0.8	12	16	30	1.48	0.13	0.15	249	8	0.08	7	0.02	38	14	6	13	<5	<3	27
L1130 650S	3.6	0.68	34	7	<3	0.12	0.9	14	13	26	1.30	0.15	0.13	345	7	0.09	9	0.02	49	16	5	9	69	<3	25
L1130 675S	<0.1	3.10	<3	36	<3	0.22	0.8	23	26	108	3.58	0.08	0.47	1553	11	0.03	8	0.07	<2	<2	13	31	<5	<3	77
L1130 700S	<0.1	1.15	<3	28	<3	0.25	0.8	11	18	24	1.50	0.04	0.29	307	7	0.04	8	0.08	5	<2	8	61	<5	<3	56
L1130 725S	<0.1	2.94	<3	19	<3	0.17	<0.1	12	27	61	3.12	0.08	0.31	231	11	0.06	10	0.05	<2	<2	13	21	<5	<3	69
L1130 750S	<0.1	2.53	<3	14	<3	0.08	<0.1	8	28	38	2.41	0.07	0.12	173	12	0.05	1	0.04	<2	<2	12	14	<5	<3	38
L1130 775S	<0.1	1.11	17	12	<3	0.12	0.1	16	31	21	2.51	0.08	0.18	201	10	0.06	5	0.03	21	5	11	14	<5	<3	29
L1130 800S	1.2	1.69	<3	31	<3	0.19	0.8	13	24	38	5.51	0.10	0.22	187	12	0.04	16	0.03	2	<2	15	12	<5	<3	60
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.

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
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BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT

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

DATE: SEPT 27 1990
REPORT#: 900537 GA
JOB#: 900537

PROJECT#: SOUTH UNUK GOLD
SAMPLES ARRIVED: SEPT 20 1990
REPORT COMPLETED: SEPT 27 1990
ANALYSED FOR: Au ICP

INVOICE#: 900537 NA
TOTAL SAMPLES: 78
SAMPLE TYPE: 78 SOIL
REJECTS: DISCARDED

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

PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 900537 GA JOB NUMBER: 900537 PAMICON DEVELOPMENTS LTD.

SAMPLE #	Au ppb
L830 000S	15
L830 025S	5
L830 050S	15
L830 075S	nd
L830 100S	5
L830 125S	nd
L830 150S	5
L830 175S	20
L830 200S	nd
L830 225S	15
L830 250S	15
L830 275S	nd
L830 300S	nd
L830 325S	nd
L830 350S	5
L830 375S	15
L830 425S	nd
L830 450S	5
L830 475S	nd
L830 500S	nd
L1200 1025S	nd
L1200 1050S	nd
L1200 1075S	nd
L1200 1100S	5
L1200 1125S	nd
L1200 1150S	5
L1200 1175S	10
L1200 1200S	nd
L1200 1225S	5
L1200 1250S	15
L1200 1275S	nd
L1200 1300S	nd
L1200 1325S	nd
L1200 1350S	10
L1200 1375S	nd
L1200 1400S	10
L1200 1425S	nd
L1200 1450S	5
L1200 1475S	10
DETECTION LIMIT	5

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

VGC VANGEOCHEM LAB LIMITED

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

SAMPLE #	Au ppb
L1200 1500S	nd
L1240 000S	15
L1240 025S	15
L1240 050S	5
L1240 075S	5
L1240 100S	15
L1240 125S	10
L1240 150S	10
L1240 175S	5
L1240 200S	nd
L1240 225S	10
L1240 250S	5
L1240 300S	10
L1240 325S	5
L1240 350S	5
L1240 375S	5
L1240 400S	20
L1240 425S	5
L1240 450S	nd
L1240 500S	5
L1240 525S	10
L1240 550S	10
L1240 575S	nd
L1240 600S	nd
L1240 625S	nd
L1240 650S	nd
L1240 675S	nd
L1240 700S	nd
L1240 725S	nd
L1240 775S	15
L1240 800S	10
L1240 825S	5
L1240 850S	5
L1240 875S	5
L1240 900S	nd
L1240 925S	5
L1240 950S	nd
L1240 975S	10
L1240 1000S	15
DETECTION LIMIT	5

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

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

ICAP GEOCHEMICAL ANALYSIS

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

REPORT #: 900537 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK GOLD | DATE IN: SEPT 20 1990 | DATE OUT: OCT 19 1990 | ATTENTION: MR. STEVE TODORUK | PAGE 1 OF 2

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
L830 000S	1.1	4.04	<3	37	<3	0.20	1.2	21	85	48	9.96	0.17	0.74	347	19	0.10	20	0.05	17	<2	21	18	<5	<3	64
L830 025S	0.3	2.20	<3	35	<3	0.24	0.8	15	44	37	4.70	0.08	0.77	327	13	0.06	20	0.07	17	<2	15	22	<5	<3	78
L830 050S	<0.1	3.62	<3	46	<3	0.47	0.9	30	64	81	4.66	0.12	1.77	1003	13	0.06	38	0.08	5	<2	15	29	<5	<3	80
L830 075S	0.2	2.76	<3	37	<3	0.22	1.2	23	72	61	8.65	0.13	0.75	650	15	0.09	35	0.10	25	<2	20	16	<5	<3	89
L830 100S	<0.1	0.74	16	31	<3	0.20	0.9	12	16	16	2.62	0.04	0.17	179	8	0.04	15	0.06	16	<2	11	15	<5	<3	103
L830 125S	0.5	3.00	<3	31	<3	0.09	<0.1	7	34	26	7.56	0.09	0.14	266	23	0.08	2	0.11	25	<2	20	8	<5	<3	68
L830 150S	<0.1	1.62	<3	39	<3	0.18	0.4	19	42	29	4.54	0.08	0.49	678	12	0.07	14	0.08	33	<2	20	23	<5	<3	63
L830 175S	<0.1	1.80	30	125	<3	0.78	0.4	15	49	43	4.71	0.14	0.50	364	13	0.08	18	0.36	13	<2	12	43	<5	<3	60
L830 200S	0.4	1.90	10	26	<3	0.06	0.7	8	38	46	8.64	0.11	0.15	275	29	0.09	3	0.10	32	3	17	5	<5	<3	58
L830 225S	<0.1	2.46	<3	29	<3	0.12	0.6	11	34	50	5.83	0.09	0.25	327	15	0.07	4	0.09	15	<2	18	12	<5	<3	63
L830 250S	<0.1	2.94	<3	60	<3	0.12	1.0	13	72	47	8.16	0.12	0.51	420	24	0.08	19	0.10	29	<2	18	18	<5	<3	85
L830 275S	0.9	2.39	<3	69	<3	0.15	1.5	13	52	33	6.40	0.09	0.37	354	26	0.08	8	0.08	29	<2	20	18	<5	<3	106
L830 300S	0.5	2.38	<3	53	<3	0.17	0.8	16	80	37	9.05	0.12	0.50	351	16	0.09	12	0.07	24	2	20	17	<5	<3	77
L830 325S	0.4	4.19	<3	44	<3	0.45	1.8	24	69	70	5.38	0.13	0.85	1299	19	0.07	27	0.19	9	<2	16	29	<5	<3	160
L830 350S	1.3	2.63	<3	47	<3	0.18	0.7	12	53	34	3.98	0.06	0.68	527	10	0.05	12	0.09	6	<2	12	30	<5	<3	75
L830 375S	5.1	1.88	<3	35	<3	0.18	1.3	15	43	42	5.22	0.08	0.28	164	12	0.06	<1	0.05	21	<2	22	23	<5	<3	49
L830 425S	<0.1	1.91	<3	50	<3	0.71	0.1	28	24	28	3.50	0.12	0.80	326	8	0.14	7	0.11	8	<2	22	85	<5	<3	73
L830 450S	1.9	0.87	6	53	<3	0.35	<0.1	9	27	14	1.32	0.03	0.23	145	6	0.03	5	0.08	8	<2	16	31	<5	<3	72
L830 475S	3.1	4.27	<3	15	<3	0.16	0.6	8	41	46	4.87	0.08	0.20	119	15	0.06	<1	0.07	<2	<2	21	36	<5	<3	47
L830 500S	0.7	2.90	<3	30	<3	0.13	0.7	18	59	47	8.95	0.12	0.67	332	14	0.09	6	0.04	23	<2	23	21	<5	<3	69
L1200 1025S	<0.1	1.98	<3	19	<3	0.10	<0.1	4	21	30	2.90	0.04	0.07	86	19	0.04	4	0.05	21	<2	16	9	<5	<3	49
L1200 1050S	<0.1	3.77	<3	33	<3	0.28	<0.1	33	34	133	4.08	0.07	0.62	1165	13	0.05	11	0.09	3	<2	15	47	<5	<3	116
L1200 1075S	<0.1	4.21	<3	15	<3	0.07	<0.1	3	26	76	5.39	0.07	0.05	307	19	0.05	<1	0.05	5	<2	19	5	<5	<3	50
L1200 1100S	<0.1	4.46	<3	31	<3	0.35	0.7	16	26	148	5.18	0.15	0.20	1802	21	0.12	<1	0.07	<2	<2	18	13	<5	<3	117
L1200 1125S	<0.1	4.69	<3	24	<3	0.29	<0.1	14	48	64	4.60	0.10	0.34	341	23	0.08	<1	0.08	3	<2	22	22	<5	<3	83
L1200 1150S	<0.1	4.06	<3	35	<3	0.22	<0.1	16	40	67	4.69	0.10	0.38	732	19	0.08	4	0.10	8	<2	17	19	<5	<3	126
L1200 1175S	0.2	3.49	247	75	<3	0.61	<0.1	23	46	82	4.30	0.13	0.98	757	11	0.07	16	0.09	<2	<2	13	36	<5	<3	156
L1200 1200S	<0.1	3.52	394	55	<3	0.67	<0.1	15	42	63	4.10	0.14	0.44	912	16	0.08	3	0.13	10	<2	16	35	<5	<3	144
L1200 1225S	<0.1	3.80	147	41	<3	0.83	<0.1	20	34	53	3.92	0.14	0.66	1117	11	0.07	<1	0.11	2	<2	17	70	<5	<3	118
L1200 1250S	<0.1	4.50	165	58	<3	0.78	<0.1	41	561	111	4.96	0.16	1.16	1598	17	0.08	358	0.11	<2	<2	15	69	<5	<3	167
L1200 1275S	<0.1	3.03	<3	40	<3	0.37	<0.1	20	35	83	3.96	0.08	1.07	777	10	0.05	9	0.06	4	<2	14	57	<5	<3	111
L1200 1300S	<0.1	4.07	<3	34	<3	0.34	<0.1	10	32	38	4.24	0.09	0.40	785	14	0.06	<1	0.10	<2	<2	17	21	<5	<3	96
L1200 1325S	<0.1	3.95	<3	37	<3	0.42	<0.1	21	61	70	4.26	0.09	0.76	479	12	0.07	<1	0.09	<2	<2	19	41	<5	<3	94
L1200 1350S	<0.1	3.47	<3	49	<3	0.59	<0.1	33	27	113	4.67	0.13	1.32	1129	9	0.08	7	0.07	<2	<2	14	66	<5	<3	118
L1200 1375S	<0.1	3.03	<3	41	<3	0.71	0.9	36	22	108	4.68	0.14	1.38	1252	9	0.06	6	0.08	8	<2	15	52	<5	<3	123
L1200 1400S	<0.1	1.19	<3	30	<3	0.24	<0.1	16	27	24	2.04	0.04	0.30	306	7	0.05	<1	0.05	27	<2	22	35	<5	<3	42
L1200 1425S	0.3	4.05	<3	13	<3	0.02	<0.1	4	29	31	5.58	0.08	0.11	168	18	0.07	<1	0.05	16	<2	22	5	<5	<3	52
L1200 1450S	<0.1	3.67	<3	37	<3	0.39	<0.1	21	589	78	4.63	0.10	0.92	623	16	0.06	129	0.07	10	<2	18	41	<5	<3	107
L1200 1475S	0.5	3.73	<3	10	<3	0.12	<0.1	3	34	20	6.94	0.10	0.11	255	16	0.07	<1	0.06	24	<2	21	4	<5	<3	68
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

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ICAP GEOCHEMICAL ANALYSIS

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

ANALYST:

REPORT #: 900537 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK GOLD | DATE IN: SEPT 20 1990 | DATE OUT: OCT 19 1990 | ATTENTION: MR. STEVE TODORUK |

Sample Name	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
L1200 1500S	0.9	3.99	<3	19	<3	0.13	<0.1	10	33	39	4.50	0.07	0.28	189	15	0.08	7	0.08	2	<2	43	12	<5	<3	73
L1240 000S	1.1	4.48	<3	44	<3	0.40	0.9	34	48	215	5.96	0.13	1.25	1060	15	0.09	29	0.12	<2	<2	42	42	<5	<3	132
L1240 025S	2.0	4.43	<3	31	<3	0.24	0.2	19	39	126	5.95	0.12	0.72	532	17	0.09	15	0.08	10	<2	42	26	<5	<3	99
L1240 050S	1.3	4.62	<3	40	<3	0.34	0.6	32	46	135	5.71	0.13	1.44	804	14	0.08	31	0.10	<2	<2	32	39	<5	<3	150
L1240 075S	1.2	3.69	<3	41	<3	0.38	0.9	30	42	166	4.51	0.12	1.04	616	13	0.09	27	0.12	71	<2	31	43	<5	<3	114
L1240 100S	0.8	5.02	<3	22	<3	0.37	<0.1	22	79	46	3.47	0.09	0.38	164	17	0.09	12	0.08	<2	<2	64	23	<5	<3	67
L1240 125S	0.8	3.35	<3	20	<3	0.13	<0.1	12	41	41	6.40	0.10	0.44	353	17	0.09	6	0.05	23	<2	44	10	<5	<3	89
L1240 150S	1.2	4.47	<3	17	<3	0.08	0.2	9	40	36	6.85	0.11	0.27	362	18	0.08	3	0.04	10	<2	46	6	<5	<3	73
L1240 175S	0.4	4.19	<3	29	<3	0.19	0.6	15	34	78	5.09	0.11	0.61	393	15	0.10	11	0.08	33	<2	34	24	<5	<3	118
L1240 200S	<0.1	4.88	<3	47	<3	0.32	<0.1	28	53	118	4.83	0.09	0.97	868	14	0.07	17	0.09	<2	<2	37	45	<5	<3	108
L1240 225S	<0.1	3.31	<3	176	<3	0.47	<0.1	55	35	81	4.18	0.11	0.77	3254	12	0.06	11	0.14	<2	<2	35	892	<5	<3	127
L1240 250S	<0.1	4.83	<3	44	<3	0.42	1.3	44	50	154	5.95	0.14	1.58	1889	14	0.09	33	0.10	<2	<2	29	52	<5	<3	190
L1240 300S	<0.1	3.32	<3	31	<3	0.15	0.7	21	42	58	7.49	0.13	0.80	1006	15	0.09	12	0.06	12	<2	41	22	<5	<3	102
L1240 325S	0.5	4.37	<3	28	<3	0.14	0.1	12	38	60	5.64	0.09	0.21	1869	19	0.06	<1	0.27	<2	<2	40	15	<5	<3	73
L1240 350S	0.6	3.83	<3	14	<3	0.08	<0.1	5	28	22	6.91	0.11	0.15	365	20	0.10	<1	0.08	10	<2	49	7	<5	<3	81
L1240 375S	0.6	3.24	<3	17	<3	0.07	<0.1	11	53	31	7.92	0.11	0.27	476	19	0.10	1	0.08	14	<2	54	7	<5	<3	73
L1240 400S	0.3	5.66	<3	18	<3	0.10	<0.1	13	27	34	5.06	0.08	0.34	1221	18	0.07	2	0.08	<2	<2	38	8	<5	<3	80
L1240 425S	0.4	4.16	<3	59	<3	0.54	0.3	41	44	148	5.75	0.14	1.62	1834	12	0.08	19	0.09	<2	<2	30	63	<5	<3	159
L1240 450S	0.2	4.23	<3	40	<3	0.26	<0.1	15	39	76	3.75	0.07	0.85	480	14	0.05	9	0.08	<2	<2	37	31	<5	<3	111
L1240 500S	0.1	4.36	<3	19	<3	0.15	<0.1	22	40	65	5.34	0.09	0.63	1042	15	0.07	6	0.10	<2	<2	36	15	<5	<3	98
L1240 525S	0.4	4.94	<3	12	<3	0.02	<0.1	3	17	22	4.88	0.06	0.05	277	18	0.07	<1	0.06	<2	<2	45	3	<5	<3	53
L1240 550S	0.4	4.58	<3	21	<3	0.12	<0.1	24	29	83	5.92	0.11	0.44	1550	17	0.09	3	0.09	<2	<2	40	14	<5	<3	98
L1240 575S	0.5	4.45	<3	19	<3	0.09	<0.1	11	21	30	5.47	0.09	0.17	1143	21	0.09	<1	0.12	4	<2	44	7	<5	<3	105
L1240 600S	0.3	3.52	<3	35	<3	0.23	<0.1	19	32	71	3.87	0.08	0.64	595	11	0.06	6	0.07	<2	<2	33	35	<5	<3	106
L1240 625S	0.4	4.71	<3	15	<3	0.11	<0.1	8	35	54	4.39	0.08	0.24	185	17	0.08	<1	0.09	<2	<2	42	18	<5	<3	74
L1240 650S	0.5	4.20	<3	20	<3	0.12	<0.1	18	34	60	4.81	0.08	0.40	1153	14	0.07	<1	0.15	<2	<2	39	20	<5	<3	89
L1240 675S	0.3	5.34	<3	15	<3	0.03	<0.1	5	28	35	5.24	0.09	0.13	475	17	0.08	<1	0.08	<2	<2	40	5	<5	<3	70
L1240 700S	0.5	4.08	<3	33	<3	0.35	<0.1	32	30	126	4.68	0.12	1.28	1248	9	0.09	15	0.10	<2	<2	26	50	<5	<3	139
L1240 725S	0.3	4.08	<3	24	<3	0.83	<0.1	39	32	139	6.26	0.18	2.38	1198	12	0.09	16	0.07	<2	<2	30	32	<5	<3	132
L1240 775S	0.2	3.69	<3	38	<3	0.16	<0.1	12	43	39	2.19	0.04	0.35	144	10	0.04	<1	0.06	<2	<2	30	23	<5	<3	57
L1240 800S	0.4	4.58	<3	45	<3	0.24	<0.1	35	41	127	5.49	0.11	1.33	1375	12	0.07	14	0.09	<2	<2	27	26	<5	<3	165
L1240 825S	0.3	4.21	<3	39	<3	0.36	0.4	34	43	133	5.17	0.13	1.26	1199	11	0.09	20	0.14	<2	<2	30	40	<5	<3	168
L1240 850S	0.3	4.00	<3	54	<3	0.43	0.6	38	45	163	5.53	0.13	1.46	1495	10	0.09	27	0.11	<2	<2	22	36	<5	<3	200
L1240 875S	0.4	5.03	<3	67	<3	0.54	0.7	44	44	161	5.60	0.15	1.68	1724	11	0.09	29	0.13	<2	<2	26	52	<5	<3	182
L1240 900S	0.6	4.32	<3	53	<3	0.38	0.7	47	41	200	5.72	0.13	1.56	1898	11	0.09	24	0.14	<2	<2	28	43	<5	<3	211
L1240 925S	0.2	2.89	<3	32	<3	0.17	<0.1	10	27	46	2.77	0.04	0.56	329	10	0.05	<1	0.11	<2	<2	33	33	<5	<3	91
L1240 950S	0.1	3.12	<3	36	<3	0.21	<0.1	14	34	65	3.81	0.07	0.85	413	10	0.04	<1	0.05	<2	<2	27	27	<5	<3	84
L1240 975S	0.3	3.95	<3	45	<3	0.38	0.6	40	43	111	5.18	0.12	1.35	2079	10	0.10	10	0.10	<2	<2	31	76	<5	<3	345
L1240 1000S	0.4	3.20	<3	68	<3	0.49	1.1	54	21	115	5.07	0.12	1.00	3456	10	0.08	8	0.14	8	<2	19	49	<5	<3	182
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

VGC VANGEOCHEM LAB LIMITED

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

GEOCHEMICAL ANALYTICAL REPORT

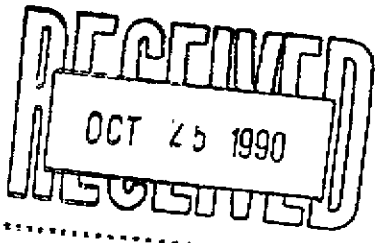
CLIENT: PAMICON DEVELOPMENTS LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, BC
: V6B 1N4

DATE: SEPT 27 1990
REPORT#: 900540 GA
JOB#: 900540

PROJECT#: SOUTH UNUK
SAMPLES ARRIVED: SEPT 20 1990
REPORT COMPLETED: SEPT 27 1990
ANALYSED FOR: Au ICP

INVOICE#: 900540 NA
TOTAL SAMPLES: 35
SAMPLE TYPE: 35 SOIL
REJECTS: DISCARDED

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



PREPARED FOR: MR. STEVE TODORUK

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: RESULTS FAXED TO BRONSON CAMP.

VGC VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 900540 GA JOB NUMBER: 900540 PANICON DEVELOPMENTS LTD. PAGE 1 OF 1

SAMPLE #	Au ppb
L300 000N	nd
L300 025N	10
L300 050N	15
L300 075N	5
L300 100N	5
L300 125N	10
L300 150N	nd
L300 175N	15
L300 200N	nd
L300 225N	20
L300 250N	10
L350 275N	15
L350 300N	5
L350 325N	15
L350 350N	15
L350 375N	nd
L350 400N	nd
L350 425N	nd
L350 450N	5
L350 475N	15
L350 500N	15
L350 525N	nd
L350 550N	10
L350 575N	nd
L350 600N	15
L350 625N	nd
L350 650N	10
L350 675N	5
L350 700N	nd
L350 725N	nd
L350 750N	10
L350 775N	nd
L350 800N	5
L350 825N	10
L350 850N	10

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

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

ICAP GEOCHEMICAL ANALYSIS

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

ANALYST:

REPORT #: 900540 PA | PAMICON DEVELOPMENTS LTD. | PROJECT: SOUTH UNUK | DATE IN: SEPT 20 1990 | DATE OUT: OCT 23 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
L300 000N	0.5	6.64	<3	47	<3	0.11	<0.1	13	51	66	9.30	0.18	0.33	489	16	0.07	17	0.08	<2	<2	22	6	<5	<3	90
L300 025N	<0.1	3.49	<3	65	<3	0.19	<0.1	13	34	74	4.13	0.07	0.42	224	10	0.02	10	0.05	<2	<2	47	17	<5	<3	46
L300 050N	0.3	0.49	42	131	<3	0.28	<0.1	7	17	16	1.11	0.02	0.15	82	5	<0.01	9	0.07	12	<2	81	27	<5	<3	70
L300 075N	0.9	2.21	<3	93	<3	0.19	0.8	13	33	36	3.58	0.07	0.43	417	10	0.03	17	0.10	<2	<2	62	20	<5	<3	81
L300 100N	<0.1	3.64	<3	80	<3	0.40	<0.1	18	28	99	3.97	0.10	0.78	421	8	0.03	10	0.06	<2	<2	40	28	<5	<3	70
L300 125N	<0.1	0.63	33	38	<3	0.19	<0.1	12	15	17	1.93	0.02	0.13	121	6	0.02	1	0.05	27	<2	102	28	<5	<3	60
L300 150N	0.1	3.51	<3	50	<3	0.18	0.2	16	57	42	8.92	0.15	0.48	629	15	0.05	8	0.04	<2	<2	65	14	<5	<3	77
L300 175N	0.6	3.57	<3	75	<3	0.42	<0.1	19	37	43	5.14	0.12	0.45	909	13	0.05	13	0.05	<2	<2	66	22	<5	<3	82
L300 200N	0.7	5.03	<3	94	<3	0.62	<0.1	28	36	99	6.00	0.17	0.56	545	12	0.05	11	0.05	<2	<2	40	65	<5	<3	110
L300 225N	0.4	2.51	<3	49	<3	0.22	<0.1	22	34	47	7.96	0.15	0.28	149	11	0.05	3	0.02	<2	<2	144	18	<5	<3	52
L300 250N	0.3	0.49	28	14	<3	0.20	<0.1	6	12	11	0.87	0.02	0.11	54	4	<0.01	<1	0.04	3	<2	78	18	<5	<3	39
L350 275N	0.6	1.77	<3	61	<3	0.12	1.4	9	23	35	3.91	0.06	0.23	94	7	0.02	<1	0.03	<2	<2	96	31	<5	<3	45
L350 300N	0.7	3.28	<3	50	<3	0.12	<0.1	16	40	44	6.45	0.11	0.31	197	13	0.05	<1	0.02	<2	<2	98	12	<5	<3	61
L350 325N	0.5	2.78	<3	61	<3	0.20	<0.1	17	38	58	5.02	0.03	0.73	369	10	0.04	7	0.04	<2	<2	55	12	<5	<3	87
L350 350N	1.2	2.64	<3	63	<3	0.11	<0.1	18	472	35	3.23	0.05	0.28	144	547	0.03	2011	0.02	<2	<2	109	13	<5	<3	56
L350 375N	1.0	2.75	<3	79	<3	0.26	<0.1	10	49	55	1.54	0.04	0.22	75	58	0.04	170	0.11	<2	<2	89	38	<5	<3	46
L350 400N	0.6	0.39	32	19	<3	0.12	<0.1	9	8	10	0.57	<0.01	0.08	39	4	<0.01	<1	0.03	14	3	88	18	<5	<3	27
L350 425N	0.2	1.54	<3	34	<3	0.04	<0.1	11	17	13	3.72	0.04	0.15	104	7	0.03	<1	<0.01	<2	<2	84	34	<5	<3	30
L350 450N	<0.1	0.51	36	32	<3	0.10	<0.1	8	4	9	0.68	<0.01	0.11	77	2	<0.01	<1	0.01	7	<2	80	23	<5	<3	14
L350 475N	<0.1	0.56	30	20	<3	0.23	<0.1	7	5	11	0.62	<0.01	0.07	37	3	0.02	<1	0.08	6	<2	107	32	<5	<3	34
L350 500N	0.3	2.82	<3	86	<3	0.13	<0.1	12	11	25	3.59	0.06	0.52	348	9	0.02	<1	0.02	<2	<2	63	39	<5	<3	45
L350 525N	0.4	3.10	<3	45	<3	0.07	<0.1	11	16	25	4.01	0.06	0.27	185	8	0.03	<1	0.03	<2	<2	93	16	<5	<3	64
L350 575N	1.0	2.11	<3	44	<3	0.15	<0.1	8	7	18	2.99	0.05	0.13	889	5	0.01	<1	0.08	<2	<2	61	25	<5	<3	42
L350 600N	0.8	4.42	<3	56	<3	0.29	<0.1	9	11	39	4.10	0.09	0.28	440	7	0.02	<1	0.07	<2	<2	45	38	<5	<3	51
L350 625N	0.2	3.27	<3	83	<3	0.93	<0.1	16	4	23	3.08	0.14	0.58	1280	6	0.03	<1	0.07	<2	<2	24	116	<5	<3	61
L350 650N	0.1	0.97	7	72	<3	0.13	<0.1	6	2	10	1.13	<0.01	0.19	101	2	<0.01	<1	0.06	<2	<2	60	40	<5	<3	41
L350 675N	0.3	3.38	<3	38	<3	0.48	<0.1	8	5	25	2.43	0.08	0.24	241	7	0.02	<1	0.07	<2	<2	51	69	<5	<3	33
L350 700N	0.1	0.53	30	7	<3	0.08	<0.1	<1	3	8	0.40	<0.01	0.02	<1	1	<0.01	<1	0.10	<2	<2	71	21	<5	<3	36
L350 725N	<0.1	3.44	<3	57	<3	0.03	<0.1	9	10	15	3.98	0.05	0.16	72	7	0.02	<1	0.02	<2	<2	73	16	<5	<3	33
L350 750N	0.3	3.91	<3	61	<3	0.07	<0.1	11	12	42	4.62	0.07	0.23	113	8	0.02	<1	0.08	<2	<2	58	18	<5	<3	37
L350 775N	0.2	6.31	<3	122	<3	1.33	<0.1	18	10	102	3.91	0.18	0.42	464	8	0.02	<1	0.09	<2	<2	4	149	<5	<3	65
L350 800N	0.3	2.03	<3	122	<3	0.17	<0.1	13	13	35	3.06	0.05	0.37	322	6	0.01	<1	0.05	<2	<2	65	34	<5	<3	29
L350 825N	0.3	1.76	<3	66	<3	<0.01	<0.1	13	14	26	4.06	0.04	0.14	88	6	0.02	<1	0.03	<2	<2	104	23	<5	<3	30
L350 850N	0.8	2.53	<3	40	<3	<0.01	<0.1	9	4	106	3.30	0.03	0.14	56	4	<0.01	<1	0.04	<2	<2	72	9	<5	<3	23
L350 550N	1.4	4.48	<3	67	<3	0.07	<0.1	69	12	70	2.44	0.03	0.21	1554	7	0.02	<1	0.09	<2	<2	23	22	<5	<3	60
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

APPENDIX V

ANALYTICAL PROCEDURES

VGC VANGEOCHEM LAB LIMITED

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

November 21, 1990

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

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

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

1. Method of Sample Preparation

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

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

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

2. Method of Extraction

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

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

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

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

3. Method of Detection

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

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

4. Analysts

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

Raymond Chan
VANGEOCHEM LAB LIMITED

VGC VANGEOCHEM LAB LIMITED

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November 21, 1990

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

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

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

1. Method of Sample Preparation

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

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

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

2. Method of Digestion

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

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

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

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

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

3. Method of Detection

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

4. Analysts

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

Raymond Chan
VANGEOCHEM LAB LIMITED

VGC VANGEOCHEM LAB LIMITED

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November 21, 1990

TO: Mr. Steve Todoruk
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.

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RENO, NEVADA, U.S.A.

3. Method of Analyses

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

4. Analysts

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

Raymond Chan
VANGEOCHEM LAB LIMITED

APPENDIX VI

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, KERRY M. CURTIS, of 5, 3636 West 16th Avenue, 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.

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 field data generated by myself, under the direction of Charles K. Ikona, Professional Engineer.

6. THAT I *have no interest in the property described herein.*

7. THAT I hereby grant permission to South Unuk Gold Corp. for the use of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

DATED at Vancouver, B.C., this 29 day of JANUARY, 1991.

Kerry M. Curtis, Geologist

STATEMENT OF QUALIFICATIONS

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

1. THAT I am a Geologist in the employment of Pamicon Developments Limited, with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.

3. THAT my primary employment since 1979 has been in the field of mineral exploration.

4. THAT my experience has encompassed a wide range of geologic environments and has allowed considerable familiarization with prospecting, geophysical, geochemical and exploration drilling techniques.

5. THAT this report is based on data generated by myself, under the direction of Charles K. Ikona, Professional Engineer.

6. THAT I have no interest in the property described herein.

7. THAT I hereby grant permission to South Unuk Gold Corp. for the use of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

DATED at Vancouver, B.C., this 31st day of January, 1991.

Steve L. Todoruk, Geologist

APPENDIX VII

ENGINEER'S CERTIFICATE

ENGINEER'S CERTIFICATE

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

1. THAT I am a Consulting Mining Engineer with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a degree in Mining Engineering.

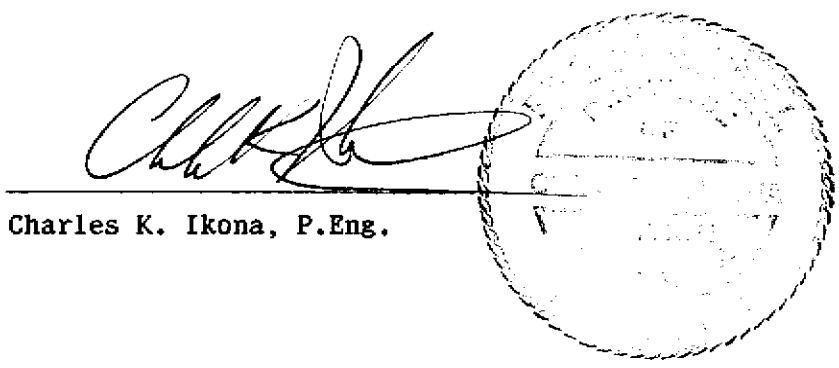
3. THAT I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.

4. THAT this report is based on extensive personal experience in the area and on work conducted under my direction on the property in 1990.

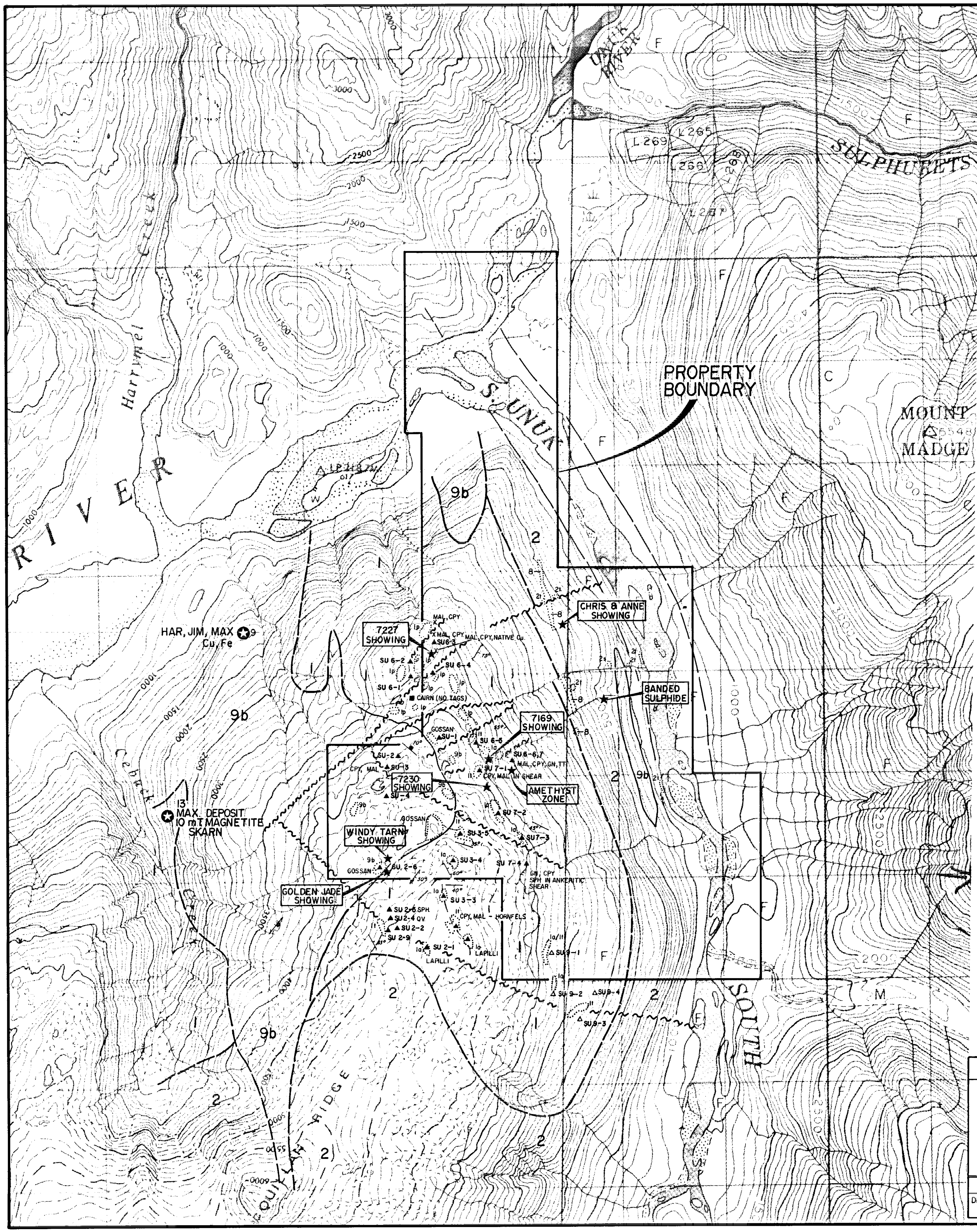
5. THAT I have no interest in the property described herein, nor in securities of any company associated with the property, nor do I expect to acquire any such interest.

6. THAT I consent to the use by South Unuk Gold Corp. 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 21st day of Jan, 1991.



Charles K. Ikona, P.Eng.



LEGEND

JURASSIC

INTRUSIVE ROCKS

9	UNUK RIVER DIORITE SUITE 9b BIOTITE-HORNBLENDE DIORITE, QTZ DIORITE

MAGNETITE SKARN

8	CHRIS, ANNE SHOWINGS. MASSIVE TO BANDED MAGNETITE, DIOPSIDE, CHALCOPYRITE & PYRRHOTITE

UPPER TRIASSIC TO LOWER JURASSIC (HAZELTON GROUP)

VOLCANIC & SEDIMENTARY ROCKS

2	ANDESITE SEQUENCE (UNUK RIVER FORM.) GREEN TO GREY, MAFIC TO INTERMEDIATE VOLCANICLASTICS & FLOWS INTERBEDDED WITH IMMATURE SEDIMENTS.

- 2a. GREY, GREEN ANDESITE
- 2h. GREEN ANDESITE TUFFS. MASSIVE TO LAMINATED
- 2s. INTERBEDDED GREEN TUFFS & CARBONACEOUS SILTSTONE
- 2t. BLACK SILTSTONE, SHALE, SANDSTONE
- 2l. GREY LIMESTONE, MARBLE (LOCALLY)

TRIASSIC
STUHINI GROUP

1	LOWER VOLCANO SEDIMENTARY SEQUENCE. MIXED CARBONACEOUS SEDIMENTS & DARK GREEN VOLCANICS & VOLCANICLASTICS.

- 1t. CARBONACEOUS SANDSTONE, SILTSTONE (TURBIDITE)
- 1w. TUFFACEOUS WACKE
- 1L. GREY, DIRTY LIMESTONE
- 1a. HORNBLENDE, FELDSPAR PHERIC ANDESITE TUFF. MASSIVE LESSER LAMINATED. LAPILLI & AGGLOMERATE.
- 1p. GREY & GREEN ANDESITE BRECCIA. PORPHYRITIC.

SYMBOLS

- FOLIATION
- BEDDING
- SHEAR FOLIATION
- FAULTS, SHEARS
- CONTACT (1990 MAPPING)
- CONTACT (1988 B.C.D.M.)
- MINFILE SHOWING
- TRAVERSE STATION (1990)
- SHOWING

MINERALIZATION

GN. GALENA	PØ. PYRRHOTITE
CPY. CHALCOPYRITE	Mt. MAGNETITE
SPH. SPHALERITE	TT. TETRAHEDRITE
MAL. MALACHITE	

GEOLOGICAL BRANCH ASSESSMENT REPORT

21,332

Scale 1:20,000

m 0 — 500 — 1000 — 1500 m

SOUTH UNUK GOLD CORP.

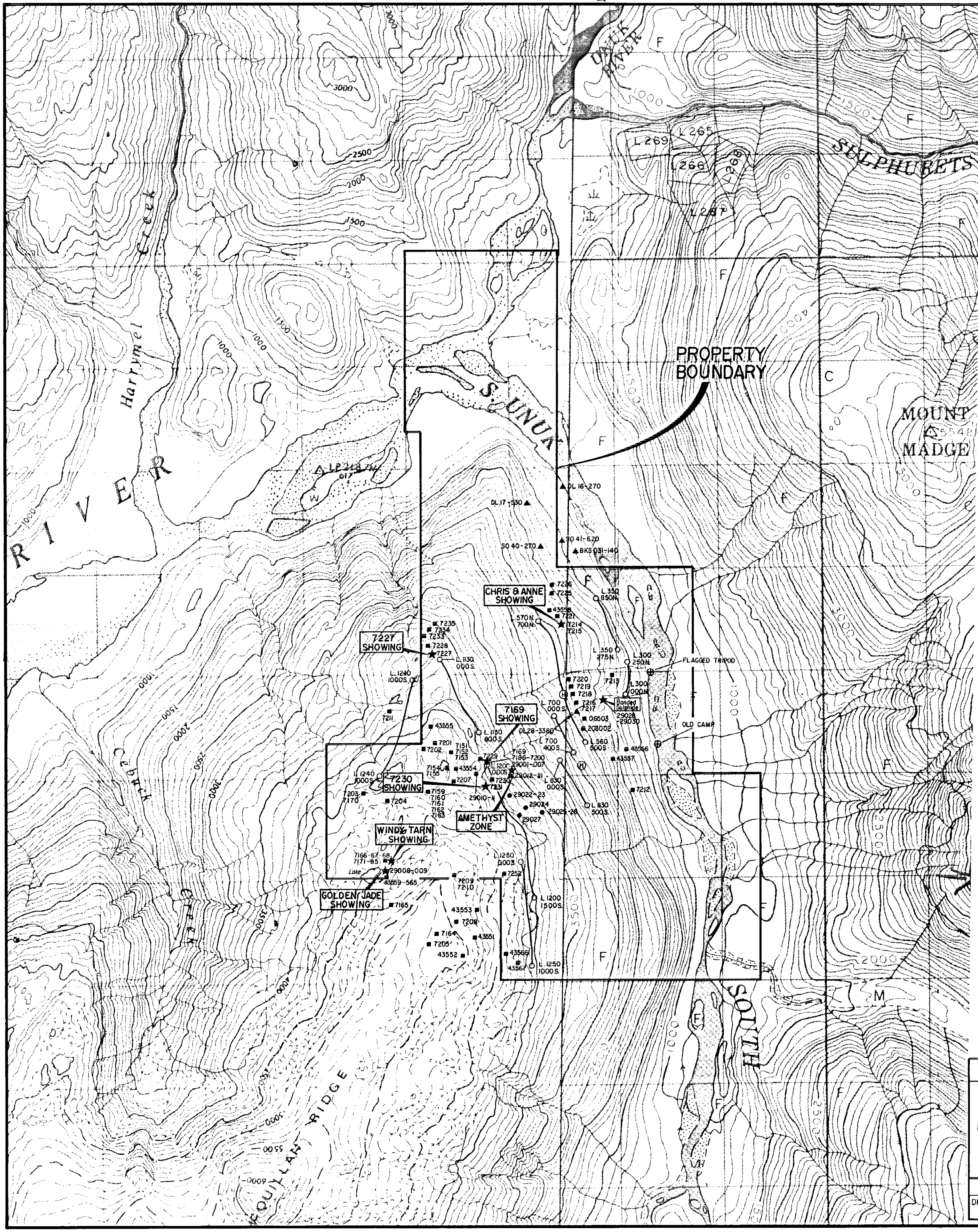
MIKEY I, LISA I, JADE I, JUMBO I, RALPHUS CLAIMS

1990 GEOLOGY MAP

SKEENA MINING DIVISION, B.C. (1)

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104 B/7,8	JAN. 1991	6



LEGEND

7212 ■ ROCK SAMPLE LOCATION/SAMPLE NUMBER

★ SHOWING

L.1250 1000S. CONTOUR SOIL LINE LOCATION/ SAMPLE SEQUENCE

▲ 1988 STREAM SEDIMENT SAMPLE -Au RESULT IN (ppb) SEE FIG. No. 8 FOR FURTHER DETAILED RESULTS.

GEOLOGICAL BRANCH ASSESSMENT REPORT

21,332

Scale 1:20,000

m 0 500 1000 1500 m

SOUTH UNUK GOLD CORP.

MIKEY I, LISA I, JADE I, JUMBO I, RALPHUS CLAIMS

ROCK SAMPLE & SOIL CONTOUR TRAVERSE LOCATION MAP

(2)

SKEENA MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104 B/7, 8	JAN. 1991	7

PROPERTY BOUNDARY

L.240/000S.
L.1130/000 S.
L.570/700 N.
L.350/850 N.
L.1240/1000S.
L.1130/800S.
L.560/000 S.
L.570/000 N.
L.700/000S.
L.300/000S.
L.300/250 N.
L.350/275 N.
L.300/000 N.
L.560/500 S.
L.700/400 S.
L.830/500 S.
L.1250/800S.
L.1200/1025 S.
L.1200/1500 S.
L.1250/1000 S.

S031-140
S028-240
AR 20-420
AR 11-820
S013-780
DL28-3380
DL32-240
AR05-87
DL25-380

F
B
C3

LEGEND

L. 1250
1000 S.
20 — CONTOUR SOIL SAMPLE LOCATION/ SAMPLE SEQUENCE NUMBER/ Au RESULT (P.P.B.)

O 1988 STREAM SILT SAMPLE – Au RESULT (P.P.B.)

21332 (03) (a)

M

DRAWN.

PROPERTY BOUNDARY

Scale 1:5000

m 0 100 200 300 400 500 m

LEGEND

L. 1250
1000 S.
20 • CONTOUR SOIL SAMPLE LOCATION/ SAMPLE SEQUENCE NUMBER/ Au RESULT (P.P.B.)

○ 1988 STREAM SILT SAMPLE – Au RESULT (P.P.B.)

21332·03(b)

SOUTH UNUK GOLD CORP.

MIKEY I, LISA I, JADE I, JUMBO I, RALPHUS CLAIMS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

1990 SOIL CONTOUR TRAVERSES

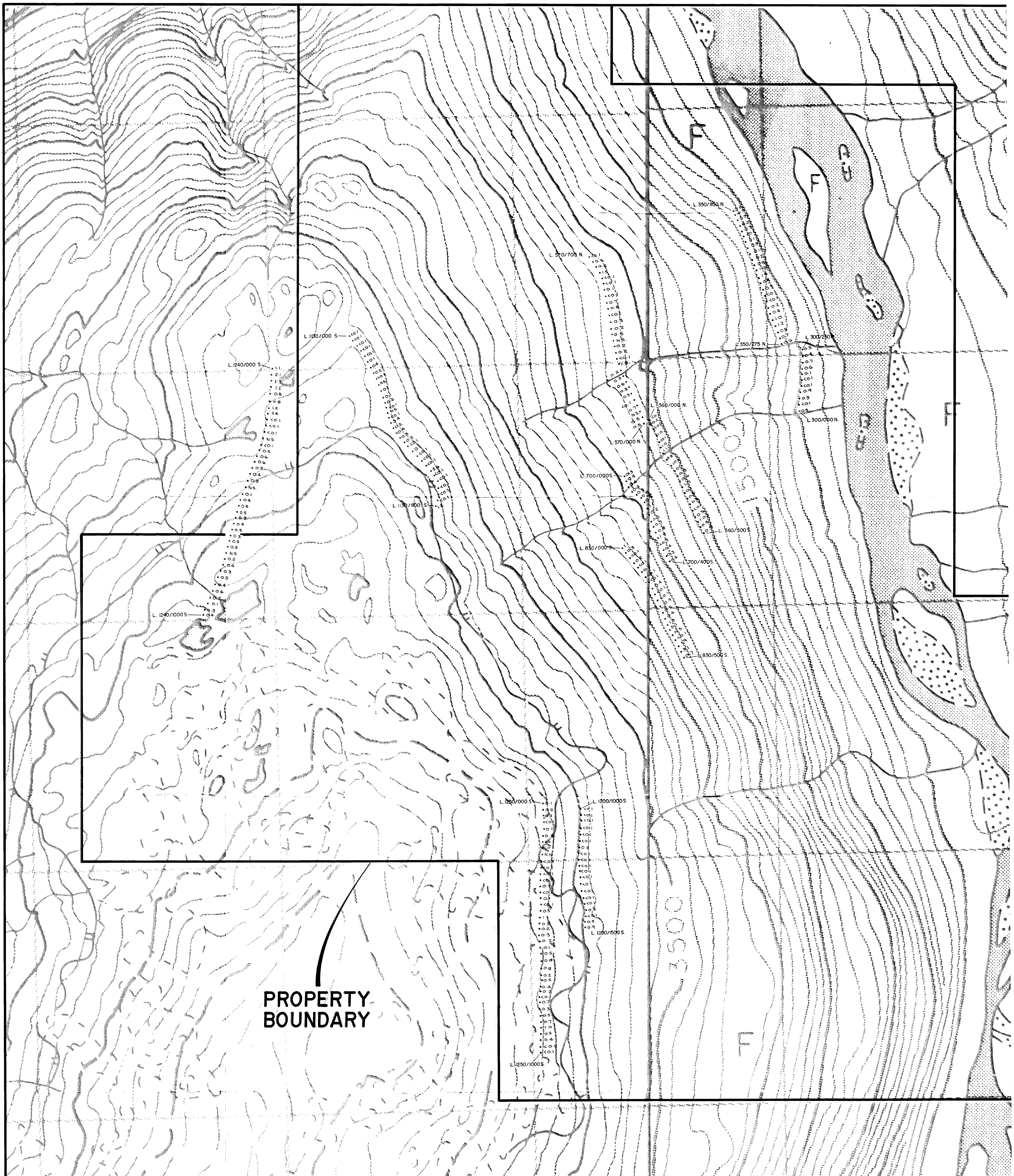
Au VALUES IN P.P.B.

SKEENA MINING DIVISION, B.C.

21,332 (3)

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104B/7,8	JANUARY, 1991	8



LEGEND

L.1250
1000 S.
<0.1 CONTOUR SOIL SAMPLE LOCATION/ SAMPLE SEQUENCE NUMBER/ Ag RESULT (P.P.M.)

MI

DRAWN.

21332·04 (a)

L.1240/000 S

L.1130/000 S

L.570/700 N.

L.350/850 N.

L.350/275 N.

L.300/250 N.

L.560/000 N.

L.300/000 N.

L.570/000 N.

L.700/000S.

L.1130/800 S.

L.560/500 S.

L.830/000 S.

L.700/400S.

L.830/500 S.

L.1250/000 S.

L.1200/1000 S.

L.1200/1500 S.

L.1250/1000S.

F

C.B

B.B

PROPERTY BOUNDARY

Scale 1:5000

m 0 100 200 300 400 500 m

LEGEND

L.1250
1000S.
<0.1

CONTOUR SOIL SAMPLE LOCATION/
SAMPLE SEQUENCE NUMBER/
Ag RESULT (P.P.M.)

SOUTH UNUK GOLD CORP.

MIKEY I, LISA I, JADE I, JUMBO I,
RAISH 3 MINERAL CLAIMS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

1990 SOIL
CONTOUR TRAVERSES
Ag VALUES, IN P.P.M.
SKEENA MINING DIVISION, B.C.

21,352

(4)

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104 B/7, 8	JANUARY, 1991	9

L. 240/000 S.

L. 1130/000 S.

L. 570/700 N.

L. 350/850 N.

L. 300/230 N.

L. 350/275 N.

L. 560/000 S.

L. 300/000 N.

L. 570/000 N.

L. 700/000 S.

L. 1130/300 S.

L. 300/000 S.

L. 560/500 S.

L. 700/400 S.

L. 1240/1000 S.

L. 830/500 S.

L. 1250/000 S.

L. 1200/1025 S.

L. 1200/1500 S.

L. 1250/1000 S.

PROPERTY BOUNDARY

LEGEND

L. 1250
1000 S.
65 — CONTOUR SOIL SAMPLE LOCATION/ SAMPLE SEQUENCE NUMBER/ Cu RESULT (P.P.M.)

DRAWN.

21332 (05) (a)

PROPERTY BOUNDARY

L.1130/000 S.

L.240/000 S.

L.570/700 N.

L.350/850 N.

L.300/250 N.

L.350/275 N.

L.560/000 S.

L.300/000 N.

L.570/000 N.

L.700/000 S.

L.560/500 S.

L.700/400 S.

L.300/000 S.

L.830/500 S.

L.1130/600 S.

L.1250/000 S.

L.1200/1025 S.

L.1200/1500 S.

L.1250/1000 S.

F

F

F

F

Scale 1:5000

m 0 100 200 300 400 500 m

LEGEND

L.1250
1000S.
65

CONTOUR SOIL SAMPLE LOCATION/
SAMPLE SEQUENCE NUMBER/
Cu RESULT (P.P.M.)

21332(03)(D)

SOUTH UNUK GOLD CORP.

MIKEY I, LISA I, JADE I, JUMBO I,
RALPHUS CLAIMS

1990 SOIL
CONTOUR TRAVERSES

Cu VALUES IN P.P.M.

SKEENA MINING DIVISION, B.C.

21,332

(5)

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104 B/7, 8	JANUARY, 1991	10