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**1987 SUMMARY REPORT
on the
STU 1 & 2 CLAIMS**

FILMED

Located in the Iskut River Area
Liard Mining Division
British Columbia
NTS 104B/10W

at

56°38' North Latitude
130°55' West Longitude

- Prepared for -
KESTREL RESOURCES LTD.

- Prepared by -
**S.L. TODORUK, GEOLOGIST
C.K. IKONA, P.Eng.**

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

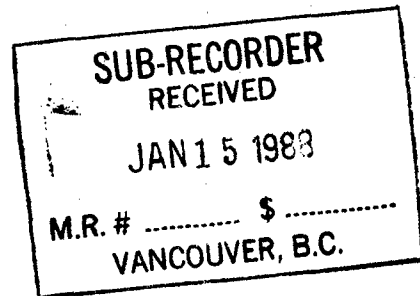
16,930

December 1987

SUMMARY REPORT on the STU 1 & 2 MINERAL CLAIMS

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1.0 INTRODUCTION

Kestrel Resources Ltd.'s Stu 1 & 2 mineral claims (36 units) were staked in the fall of 1986 on the west side of Snippaker Creek and south of the Iskut River in northwestern British Columbia (Figure 1). The ground was acquired to cover favourable geology immediately north of Inel Resources Ltd.'s polymetallic Inel deposit. During 1987, approximately 125 metres of drifting has been driven along the main cross cut on the Inel and intersection of the first ore zone (Discovery) should be completed by the end of the 1987 field season.

A total of 99 man days were spent prospecting, mapping, rock chip/soil sampling and trenching the Kestrel property between July 25th and September 16th, 1987.

Widespread mineralization has been located on the Stu 1 & 2 claims occurring in several different styles. To date, the most significant form of gold mineralization occurs in iron carbonate/pyrite veins which exceed widths greater than 1.0 metre. Rock chip sample assays collected in place produced values ranging up to 2.202 ounces gold per ton and greater than 3.0 ounces silver per ton. Quartz vein (galena/sphalerite/chalcopyrite/pyrite) and shear zone (chalcopyrite/pyrite/galena) mineralization were also mapped and sampled.

Introductory material for this report has been abridged from the June, 1987 Geological Report on the Stu 1 & 2 mineral claims written by Caulfield and Ikona.

2.0 LIST OF CLAIMS

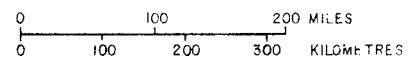
Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the following claims (Figure 2) are owned by Mr. I. Hagemoen. Separate documentation shows the group has been acquired by Kestrel Resources Ltd.

PROPERTY LOCATION



KESTREL RESOURCES LTD.

STU 1 & 2 CLAIMS PROPERTY LOCATION MAP



PAMICON DEVELOPMENTS LTD.

Drawn. J.W.	N.T.S. 104 B/10W	Date. DEC. 1987	FIGURE I.
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<u>Claim Name</u>	<u>Record Number</u>	<u>No. of Units</u>	<u>Record Date</u>	<u>Year of Expiry</u>
Stu 1	3716	18	December 5, 1987	1990
Stu 2	3717	18	December 5, 1987	1990

3.0 LOCATION, ACCESS AND GEOGRAPHY

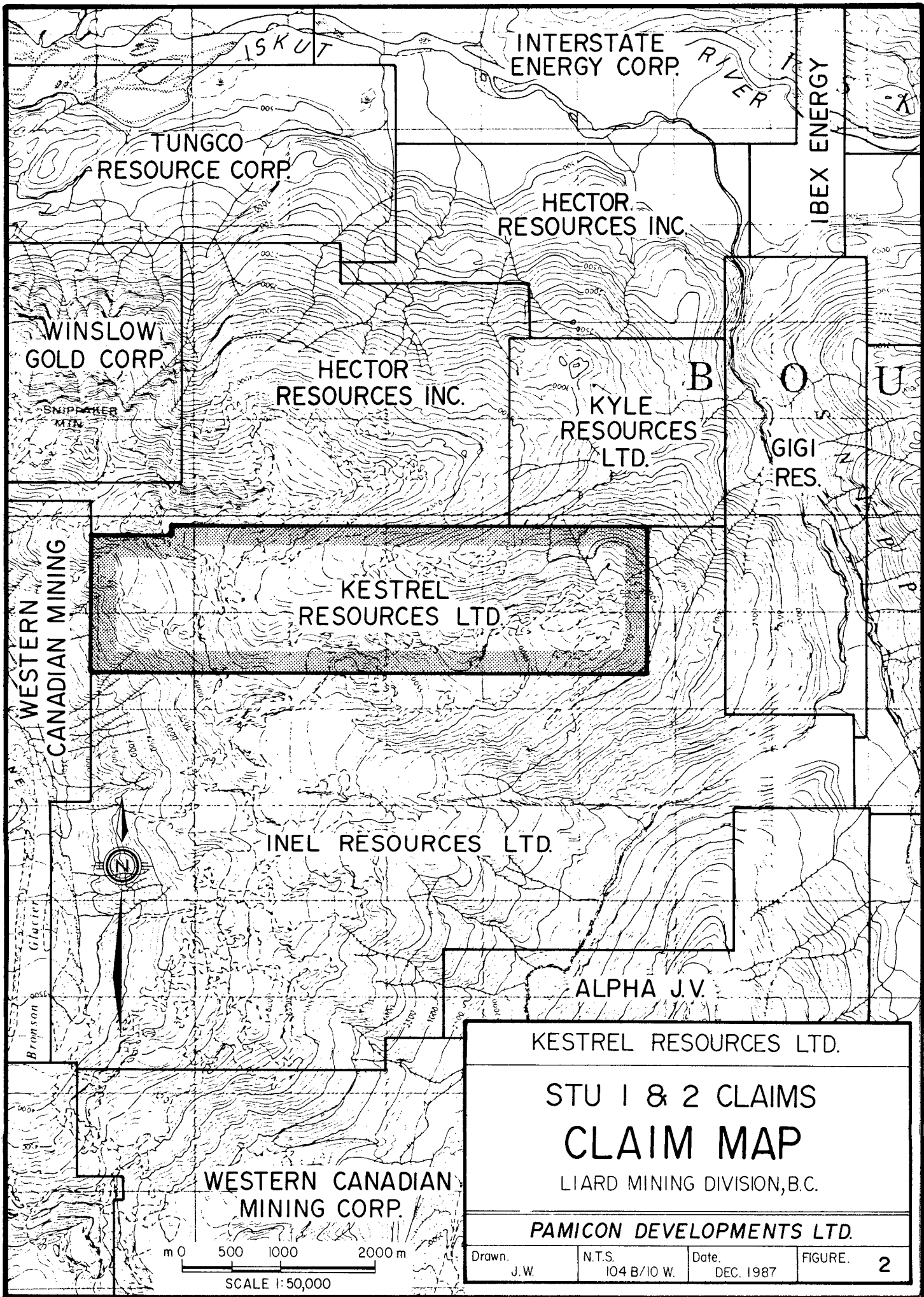
The Stu 1 & 2 mineral claims are located on the eastern edge of the Coast Range Mountains approximately 110 kilometres northwest of Stewart, British Columbia. The property covers the southern flank of Snippaker Mountain. The Stu claims lie within the Liard Mining Division centred at 56° 38' north latitude and 130° 55' west longitude.

Access to the property is by helicopter from the Bronson Creek air strip located approximately 10 kilometres to the west. Daily scheduled flights to the strip from Smithers and Terrace have been available during the field season using fixed wing aircraft. The air strip is being readied to accommodate DC-3 aircraft.

A proposal by C.K. Ikona of Pamicon Developments Ltd., on behalf of Skyline Explorations Ltd., addresses the construction of a road approximately 65 kilometres long, on the south side of the Iskut Valley to connect the Stewart-Cassiar Highway with a proposed BC Hydro dam site on the Iskut River and Skyline's Stonehouse Gold deposit.

Geographically, the area is typical of mountainous and glaciated terrain with the elevations ranging from under 150 metres above sea level along the slopes of Bronson Creek to in excess of 2100 metres on Snippaker Mountain ridge. Most of the property occurs above tree line although the lower elevations may be covered with a dense growth of spruce and slide alder.

Rugged topography, glaciers, climate and vegetation all inhibit traversing



TUNGCO
RESOURCE CORP.

INTERSTATE
ENERGY CORP.

IBEX ENERGY

HECTOR
RESOURCES INC.

WINSLOW
GOLD CORP.

HECTOR
RESOURCES INC.

KYLE
RESOURCES
LTD.

GIGI
RES.

WESTERN
CANADIAN MINING

KESTREL
RESOURCES LTD.

INEL RESOURCES LTD.

ALPHA J.V.

WESTERN CANADIAN
MINING CORP.

KESTREL RESOURCES LTD.

STU 1 & 2 CLAIMS
CLAIM MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

0 500 1000 2000 m

SCALE 1:50,000

Drawn. J.W.	N.T.S. 104 B/10 W.	Date. DEC. 1987	FIGURE. 2
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throughout the area. Operating with local helicopter support is the most practical and cost effective means of exploring the Stu claims.

4.0 AREA HISTORY

The first recorded work done in the Iskut Region occurred in 1907 when a prospecting party from Wrangell, Alaska staked nine claims north of Johnny Mountain. Iskut Mining Company subsequently worked crown granted claims along Bronson Creek and on the north slope of Johnny Mountain. Up to 1920, a 9 metre adit revealed a number of veins and stringers hosting galena and gold-silver mineralization.

In 1954, Hudsons Bay Mining & Smelting located the Pick Axe showing and high grade gold-silver-lead-zinc float on the open upper slopes of Johnny Mountain, which today is part of Skyline Explorations Ltd.'s Reg deposit. The claims were worked and subsequently allowed to lapse.

During the 1960s, several major mining companies conducted helicopter borne reconnaissance exploration programs in a search for porphyry-copper-molybdenum deposits. Several claims were staked on Johnny Mountain and on Sulphurets Creek.

Between 1965 and 1971, Silver Standard Mines, and later Sumitomo, worked the E + L prospect on Nickel Mountain at the headwaters of Sulphurets Creek. Work included trenching, drilling and 460 metres of underground development work. Reserves include 3.2 million tons of 0.80% nickel and 0.60% copper.

In 1969 Skyline staked the Inel property after discovering massive sulphide float originating from the head of the Bronson Creek glacier.

During 1972, Newmont Mining Corporation of Canada Limited carried out a field program west of Newmont Lake on the Dirk claim group. Skarn-type mineralization was the target of exploration. Work consisted of airborne and ground

magnetic surveys, geological mapping and diamond drilling. One and one-half metres grading 0.220 ounces gold per ton and 15.2 metres of 1.5% copper was intersected on the Ken showing.

After restaking the Reg property in 1980, Skyline carried out trenching and drilling for veined high-grade gold and polymetallic massive sulphide mineralization on the Reg and Inel deposits between 1981 and 1985.

In 1986, drilling and 460 metres of underground cross-cutting and drifting on the Stonehouse Gold Zone confirmed the presence of high grade gold mineralization with additional values in silver and copper over mineable widths with good lateral and depth continuity. As of March 1987, reserves on the Stonehouse Gold Zone were reported as:

	<u>Au</u> (oz)	<u>Ag</u> (oz)	<u>Cu</u> (%)	<u>Tons</u>
Total Measured	1.328	1.91	1.50	79,848
Total Drill-Indicated	0.671	0.97	0.78	153,598
Total Inferred	<u>0.670</u>	<u>0.70</u>	<u>0.67</u>	<u>705,000</u>
Total	0.730	0.85	0.76	938,446

(New ore reserve calculations will be announced in January, 1988. It is anticipated reserves and grades will be noticeably higher than reported above.)

On the Delaware Resources Ltd./Cominco Snip claims immediately north of the Stonehouse Gold deposit, approximately 10,000 metres of diamond drilling was carried out, mainly delineating the Twin Zone. Drill hole S-71 intersected 10.2 metres of 2.59 oz/ton gold. An underground program is expected to begin in early 1988. As of December, 1987, total inferred reserves published were as follows:

	<u>Au</u> (oz)	<u>Tons</u>
Total Inferred	0.700	1,100,000

Also, during 1987 Inel Resources Ltd. commenced an underground drifting and diamond drilling program along the main cross cut intent on intersecting the Discovery Zone which hosts gold-bearing polymetallic massive sulphide mineralization.

Western Canadian Mining Corp. carried out an extensive diamond drilling program on their Gosson claims, concentrating on the Khyber Pass Gold Zone which is 45 metres thick. The best drill hole intersection in this zone to date is as follows:

<u>Hole</u>	<u>From</u>	<u>To</u>	<u>Length</u>		<u>Gold</u>	<u>Silver</u>	<u>Copper</u>
	(m)	(m)	(m)	(ft)	(oz/t)	(oz/t)	(%)
85-3	11.2	16.8	5.6	18.4	0.12	6.48	1.74
	30.2	44.2	5.2	17.1	0.17	2.66	0.90
	54.5	60.1	5.6	18.4	0.15	1.77	--
	66.0	69.0	3.0	9.8	0.28	1.54	--

Tungco Resources Corporation drill tested three main gold/copper quartz vein targets; the Bluff, No. 7 and Swamp Zones. The Bluff Zone has been delineated 70 metres along strike and 60 metres downdip with better intersections grading up to 0.243 oz/ton gold across 2.45 metres. The No. 7 Vein returned 1.12 metres of 0.651 oz/ton gold.

Hector Resources Ltd. carried out a drilling program on the Golden Spray Zone which on surface in trenches has a strike length of 300 metres. Drilling on the main zone intersected massive pyrite in quartz veining up to 1.5 metres in width with values up to 0.2 ounces gold per ton and 5.0 ounces silver per ton.

5.0 REGIONAL GEOLOGY

Government mapping of the general geology in the Iskut River area (Kerr, 1929, GSC Maps 9-1957 and 1418-1979) has proved to be incomplete and unreliable. Subsequent mineral exploration studies have greatly enhanced the lithological

and stratigraphic knowledge of this geo-entity known as the Stewart Complex (Grove, 1986).

Grove (1986) defines the Stewart Complex in the following manner:

"The Stewart Complex lies along the contact between the Coast Plutonic Complex on the west, the Bowser Basin on the east, Alice Arm on the south and the Iskut River on the north."

Within the Stewart Complex the oldest rock unit consists of Paleozoic crinoidal limestone overlying metamorphosed sedimentary and volcanic members (Figure 3). This oceanic assemblage has been correlated with the Cache Creek Group.

Unconformably overlying the Paleozoic limestone unit are Upper Triassic Hazelton Group island arc volcanics and sediments. These rocks have informally been referred to as the "Snippaker Volcanics." Grove (1981) correlates this assemblage to the Unuk River Formation of the Stewart Complex whereas other writers match this group with the time equivalent Stuhini Volcanics. Monotis fossils have been recognized on the north slope of Snippaker Peak and west of Newmont Lake, 20 km to the north, giving an age Late Triassic. It is within these rocks that Skyline's Stonehouse Gold and Inel deposits occur.

Grove reports an unconformable contact between Carboniferous and Middle Jurassic strata on both sides of Snippaker Ridge, north of Snippaker Peak. The same unconformable relationship between these major rock units appears to extend from Forrest Kerr Creek west, along the Iskut River, to the Stikine River junction. Present interpretation suggests an east-west trending thrust along the axis of the Iskut River which, like the King Salmon Thrust Fault, pushed up and over to the south.

Following the Iskut River thrust faulting, the entire region was overlain by Middle Jurassic Hazelton Group volcanic-sedimentary rocks named the Betty Creek Formation by Grove (1986).

The batholithic Coast Plutonic Complex intrusions in the Iskut region are of Cretaceous and Tertiary age. Composition varies from quartz monzonite and granodiorite to granite. Satellitic subvolcanic acidic porphyries may be important in the localization of mineralization.

Quaternary and Tertiary volcanics occur to the east along the Iskut River near Forrest Kerr Creek and north at Hoodoo Mountain.

6.0 PROPERTY GEOLOGY

The lithologies on the Stu 1 & 2 claims were briefly examined on a general nature while prospecting was being carried out by the author and a prospector. Unit boundaries were subsequently plotted on an air photo base at a scale of 1:5,000 (Figure 4). Limestone is the oldest unit seen which is successively overlain by an argillite/siltstone/greywacke sequence which in turn is overlain by an andesite agglomerate unit. Feldspar porphyry and andesite dykes cut both the argillite/siltstone/greywacke and agglomerate.

Five rock types were found on the subject property. A brief description of the individual units is below:

Unit 1 - Limestone: Grey, massive, sometimes recrystallized. The only occurrence seen to date of the limestone unit is found on the east central area of the Stu 2 claim block where it forms an east-west trending wedge - possibly in fault contact with Unit 2 - the argillite/siltstone/greywacke sequence.

Unit 2 - Argillite/Siltstone: Bedded, fine-grained, black, often silicified, strongly fractured. This sequence predominantly hosts known mineralization in areas of feldspar porphyry and andesite dyking. Pyrite content is usually less than 1%.

Unit 3 - Andesite Agglomerate: Andesite fragments with plagioclase and hornblende phenocrysts up to 1 cm set in an andesitic matrix. Fragments are subangular to subrounded and up to 40 cm in size. Overall green colouration. Less than 1% pyrite.

Unit 4 - Feldspar Porphyry Dyke: Feldspar phenocrysts up to 2 cm in size; unit is usually massive and poorly fractured. Grey colouration overall. No mineralization. Up to 40 metres wide.

Unit 5 - Andesite Dyke: Medium-grained, green colouration, massive, poorly fractured, less than 1% pyrite, usually less than 1 metre wide.

Unit 6 - Diorite: Medium-grained, medium grey colour, massive. The only occurrence of diorite found on the property is immediately north of the Magnetite Zone where it is cut by strong quartz/epidote veining.

7.0 MINERALIZATION

A total of 256 rock chip and 47 soil samples were collected from the Stu 1 & 2 mineral claims. The 1987 field season identified four main areas of mineralization; Billy Goat Bowl Zone, the toe of Zappa Glacier, central Stu 2 claim area and the Magnetite Zone (Figure 5).

Billy Goat Bowl Zone

A wide array of mineralization was found in this area covering at least 500 m x 700 m just southeast from the toe of Zappa Glacier (Figure 5). The most prominent style of gold-bearing mineralization occurs in iron-carbonate (calcite) veins which often host pyrite and to a lesser extent galena and sphalerite. Sulphide veins vary from 2 to 4 cm and swell up to over 1.0 metre in width and to date individual veins have been traced along up to 50 metres in strike length. The general trend of the veins is 090/65 S. The veins have been continually traced up section from the 1000 metre elevation level to the

bottom of a higher glacier/snow field at an elevation of 1400 metres where it appears very likely the carbonate/pyrite veins continue uphill under the existing snow cover. An atypical iron-carbonate vein with massive pyrite, at the 1400 metre level assayed as follows:

AREA 1		
Sample Number	Width (m)	Gold (oz/ton)
13275	0.35	0.502

Seven additional anomalous areas hosting similar mineralized iron-carbonate/pyrite + galena + sphalerite + chalcopyrite veins were sampled down section from the 13275 vein. Assays were as follows:

Sample Number	Width (m)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (oz/ton)	Au (oz/ton)
AREA 2							
13268	0.50	1,946	1,019	5,562	5,189	2.27	0.235
13269	talus	--	--	--	--	2.26	2.472
13270	0.15	--	--	--	--	3.57	2.202
AREA 3							
13126	grab	--	3,309	--	--	2.31	0.082
13271	0.30	--	--	--	--	1.68	0.149
13277	0.25	--	--	--	--	0.14	0.143
13273	0.12	--	--	--	--	0.89	0.217
AREA 4							
13276	0.08	--	--	--	--	1.48	1.278
AREA 5							
13119	grab	9,686	10,672	32,364	26,067	3.65	0.302
13300	0.25	--	--	--	--	1.78	0.116

Sample Number	Width (m)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (oz/ton)	Au (oz/ton)
AREA 6							
13129	0.15	2,059	39,973	23,418	--	1.78	0.305
13400	0.06	2,978	8,863	55,095	--	1.64	0.268
AREA 7							
13117	0.08	2,248	70,815	32,805	--	2.10	0.131
15274	0.06	1,094	9,210	>10%	--	0.84	0.140
15275	0.10	1,836	20,197	>10%	--	1.35	0.136
AREA 8							
13377	0.05	--	--	--	58,154	0.85	0.090
13378	0.13	--	--	--	>10%	1.55	0.796

At least one prominent feldspar porphyry dyke trending 040/90° (35 to 50 metres wide) appears to be responsible for the mineralizing event in the Billy Goat Bowl Zone. Iron-carbonate/sulphide and mineralized quartz veins have only been seen adjacent to the dyke. As well, several narrower andesite dykes (up to 1.0 to 1.5 metres) appear related to mineralization.

In addition to the iron-carbonate/pyrite vein style of mineralization, several quartz veins with sphalerite + chalcopyrite + galena + pyrite were sampled. Low gold values were reported, however, zinc was greater than 10% in certain veins.

Zappa Glacier Zone

Several samples of mineralized talus were obtained from the receding toe of Zappa Glacier near the headwaters of Zappa Creek (Figure 5). The most common form of mineralization was galena + sphalerite + chalcopyrite in quartz vein material. Assays are listed below:

Sample Number	Cu		Pb		Zn		Ag (oz/ton)	Au (oz/ton)
	(ppm)	(%)	(ppm)	(%)	(ppm)	(%)		
13192		0.37		14.60		18.4	6.31	0.582
13199	1,670		3,785		30,133		1.29	0.159
13200	1,541		--		--		0.39	0.156
13159		0.63		1.98		4.2	3.01	0.154
13253	7,987		3,257		20,842		3.55	0.312
13254	1,663		11,302		13,137		3.91	0.108

Southeast Stu 2 Claim Area

In the southeast Stu 2 claim area (Figure 5) mineralization is again related to the intrusion of andesite and feldspar porphyry dykes. The andesite dykes vary from 0.5 m to 1.0 m and often occur in swarms where up to 3 dykes may be seen in close proximity to mineralization. Feldspar porphyry dykes vary up to 2 to 4 metres in width.

Pyritic sulphide veins occur immediately adjacent several andesite dykes. Within the area of Sample 13133, several discontinuous above mentioned veins are present adjacent several dykes within a dyke swarm. The dykes and veins have a general east-west trend and dip steeply to the south. Individual veins are up to 30 to 40 cm in width. Samples 13181 and 13392 are of similar veins. Assays are listed below:

Sample No.	Width (m)	Cu (ppm)	As (ppm)	Ag (oz/ton)	Au (oz/ton)
13133	0.30	543	485	0.11	0.419
13181	0.50	4,248	38,668	0.85	0.342
13392	0.50	4,566	43,387	0.58	0.354

Toward the east central edge of the Stu 2 claim block, narrow auriferous quartz vein stringers with galena, sphalerite and chalcopyrite are hosted within andesite agglomerate and in close proximity to feldspar porphyry dyking. Assays are as follows:

Sample No.	Width (m)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (oz/ton)	Au (oz/ton)
13147	0.03	1,098	11,856	14,898	1.11	2.012
13195	grab	302	1,914	2,125	1.15	0.901

Within the southeast corner of the Stu 2 claim block and approximately 300 metres north of the Magnetite Zone two samples of pyritic calcareous rock located near the western boundary of a large limestone ridge - possibly fault related - returned anomalous gold values as listed below:

Sample Number	Width (m)	Gold (oz/ton)
13396	0.50	0.957
13288	0.30	0.688

Further east several hundred metres along the south side of this limestone ridge in the sediments pyritic sediments returned the following anomalous sample:

Sample Number	Width (m)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Bi (ppm)	Ag (ppm)	Au (oz/ton)
16082	grab	1,160	668	1,056	9,089	1,163	5.23	0.318

Magnetite Zone

A lens of skarned massive magnetite with minor chalcopyrite + malachite/azurite measuring approximately 15 metres by 1 metre is located near the southern claim boundary in the southeast corner of the Stu 2 claim block (Figure 5). A narrow limestone band overlies the zone. Anomalous rock chip samples obtained appear below:

Sample No.	Width (m)	Cu (ppm)	Zn (ppm)	Ag		Au	
				(ppm)	(oz/ton)	(ppb)	(oz/ton)
13191	grab	205	71	0.4		510	
13143	grab	20,262	15,127		1.01		0.025
13394	0.5	4,588	996		0.38		0.086

8.0 DISCUSSION AND CONCLUSIONS

The Stu 1 & 2 mineral claims are underlain by Paleozoic limestone and Mesozoic greywacke/siltstone and andesite agglomerate. In the Iskut River area, this formation hosts several important gold deposits (Skyline Explorations Ltd., Delaware/Cominco Resources, Inel Resources Ltd.) as well as numerous promising prospects. Three main types of mineralization have been discovered in the area:

1. Gold/silver/copper in quartz/carbonate veins (Skyline, Delaware/Cominco, Tungco, Hector).
2. Volcanogenic massive sulphide with gold/silver/zinc/copper (Inel, Western Canadian Mining Corp.).
3. Skarn type auriferous massive pyrite + magnetite (Gulf International Minerals Ltd.).

The Kestrel Stu 1 & 2 property is situated immediately to the north of the Inel Resources Ltd. deposit and to date best typifies this style of mineralization.

Iron-carbonate/pyrite + galena + chalcopyrite + sphalerite veins host significant gold mineralization. These veins have been traced from the 1000 metre elevation level near the toe of Zappa Glacier all the way up the steep rock slope surfaces to in excess of the 1400 metre level (Billy Goat Bowl Zone) where atypical iron-carbonate/pyrite veins samples beneath glacier edges have returned extremely anomalous gold assays. Assays obtained to date have exceeded 2.0 ounces gold per ton in situ. Individual veins vary between 2 cm and 1.3 metres. The parallel veins possess an approximately consistent trend of 90/60-75 S.

Further to the east in the southeast corner of the claims, additional anomalous gold mineralization has been discovered in the form of pyritic fracture veins which appear closely related to andesite dyke swarming.

Narrow quartz vein stringers with galena/chalcopyrite/sphalerite and calcareous shear zone structures also host significant gold mineralization on the property.

9.0 RECOMMENDATIONS

For the 1988 season prospecting and rock chip sampling should be continued in areas yet worked as this proved in 1987 to be an extremely successful method in discovering gold mineralization.

As there is very little soil development other than along the southeastern boundary of the Stu 2 claim boundary, soil sampling will not be an effective exploration tool.

Accurately surveyed lines should be run over the southeast corner of the Stu 2 claim block which would be followed by a detailed geophysical survey. If

possible, survey lines would also be placed on the Billy Goat Bowl Zone for mapping control purposes and geophysical surveying.

A detailed air borne geophysical survey should be flown across the entire property with 250 metre spaced lines in a north-south direction to help define major controlling structures and additional mineralization.

A program of trenching should then be undertaken to test anomalies and exposed showings of interest.

Upon a comprehensive compilation of all available data, a diamond drilling program would be initiated to test favourably mineralized targets.

The majority of the program would be helicopter assisted due to physiographic conditions. A camp would be constructed in close proximity to the property for better access.

9.1 BUDGET

PHASE I

GEOLOGICAL MAPPING AND PROSPECT SAMPLING

Wages

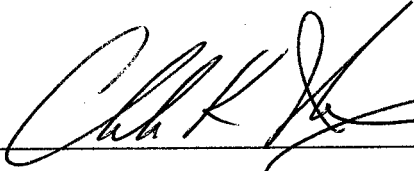
Project Geologist 30 days @ \$300/day	\$ 9,000
Prospector 2 x 30 days @ \$225/day	13,500
Helpers (geophysical surveying) 2 x 30 days @ \$175/day	10,500
Cook 30 days @ \$175/day	<u>5,250</u>
	\$ 38,250

Carried Forward		\$ 38,250
Analyses		
Assays (rock chips, soils)		
400 @ \$20/sample		8,000
CAMP CONSTRUCTION		45,000
AIR BORNE GEOPHYSICAL SURVEY		6,000
SUPPORT		
200 man days @ \$125/man day		25,000
TRENCHING SUPPLIES		3,000
EQUIPMENT RENTALS		
VLF, magnetometer, drill		4,000
TRANSPORTATION		
Vehicle Rental		
8 days @ \$50/day	\$ 400	
Airmiles, fixed wing, helicopter	<u>27,000</u>	
		27,400
REPORT		<u>3,500</u>
Subtotal		160,150
Contingency @ 10%		16,015
Management @ 15% (expenses only)		<u>20,687</u>
TOTAL		<u>\$196,852</u>

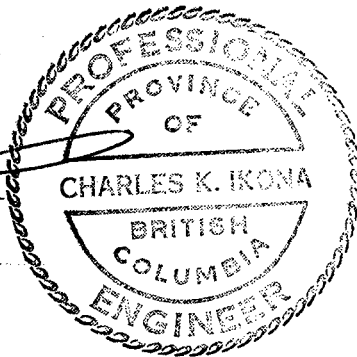
PHASE II

Contingent upon the success of the Phase I program, it is estimated that an additional \$400,000 should be made available for a diamond drilling program.

Respectfully submitted,



Charles K. Ikona, P.Eng.



Steve L. Todoruk, Geologist

APPENDIX I

BIBLIOGRAPHY

BIBLIOGRAPHY

Caulfield, D.A. and C.K. Ikona (1987): Geological Report on the Stu 1 & 2 Mineral Claims.

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

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

APPENDIX II

COST STATEMENT

COST STATEMENT

WAGES

F. Von Possel - 1 day @ \$175	\$	175.00
P. Schnare - 1 day @ \$175		175.00
K. Kaye - 1 day @ \$250		250.00
R. Cournoyer - 6 days @ \$225		1,350.00
K. Wadsworth - 3 days @ \$175		525.00
K. Wadsworth - 1 day @ \$200		200.00
R. Gibson - 6 days @ \$175		1,050.00
R. Gibson - 2 days @ \$200		400.00
S. Todoruk - 10 days @ \$350		3,500.00
R. Riedel - 7 days @ \$175		1,225.00
E. Debock - 10 days @ \$275		2,750.00
C. Scott - 1 day @ \$350		350.00
C. Vanderveen - 4 days @ \$200		800.00
C. Ikona - 2 days @ \$450		900.00
R. Darney - 2 days @ \$400		800.00
D. Fulcher - 2 days @ \$300		600.00
Management - 8 days @ \$250		<u>2,000.00</u>
TOTAL WAGES		\$17,050.00

EXPENSES

Man Day Support

Crew - 61 days		
Kestrel - 19.5 days		
NMH - 22 days		
<u>102.5 days @ \$125</u>		<u>\$12,812.50</u>

Equipment and Expendible Field Supplies

61 days @ \$30		1,830.00
----------------	--	----------

Aviation

Helicopter	\$10,916.44	
Fixed Wing	3,088.33	
Airstrip User Fee	<u>1,500.00</u>	
		15,504.77

Travel (Air Fare)

1,000.00

Equipment Rental

Truck	\$ 500.00	
ATV	<u>500.00</u>	
		1,000.00

Communications	\$ 100.00	
Freight	200.00	
Orthophotos	2,638.08	
Assays and Geochem	6,294.23	
Equity Engineering	<u>506.43</u>	
TOTAL EXPENSES		41,886.01
Management Fee on Expenses @ 15%		<u>6,282.90</u>
TOTAL THIS PROGRAM		<u>\$65,218.91</u>

APPENDIX III

ASSAY CERTIFICATES



VANGEOCHEM LAB LIMITED

MAIN OFFICE
 1521 PEMBERTON AVE.
 NORTH VANCOUVER, B.C. V7P 2S3
 (604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
 1630 PANDORA ST.
 VANCOUVER, B.C. V5L 1L6
 (604) 251-5656

REPORT NUMBER: 871852 AA

JOB NUMBER: 871852

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #		Ag oz/st	Au oz/st
(871278)	13269	2.26	2.513
(871278)	13270	3.57	2.153
(871278)	13271	1.68	.149
(871278)	13273	.89	.220
(871278)	13276	1.48	1.233
(871278)	13277	.14	.143
(871278)	13300	1.78	.116
(871278)	13400	1.64	.262
(871278)	15274	.84	.067
(871278)	15275	1.35	.140
(870931)	13117	2.10	.131
(870931)	13119	3.65	.302
(870931)	13126	2.31	.082
(870931)	13129	1.78	.305
(870931)	13377	.85	.090
(870931)	13378	1.55	.796
(870966)	13133	.11	.419
(870966)	13181	.85	.342
(870966)	13392	.58	.354
(870966)	13147	1.11	2.012

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.005

ppm = parts per million

< = less than

signed: _____



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871852 AA

JOB NUMBER: 871852

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #		Ag oz/st	Au oz/st
(870931)	13378 ✓	1.37	.748
(870966)	13143 ✓	1.01	.025
(870966)	13394 ✓	.38	.053
(870999)	13396 ✓	--	.957
(871145)	13199	1.29	--
(871145)	13200	.39	--
(871145)	13253	3.55	--
(871145)	13254	3.91	--
(871145)	13195 ✓	1.15	--
(871278)	17013 (13268)	2.27	--
(871378)	16082	5.23	--

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.005

ppm = parts per million

< = less than

signed: _____



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871424 GA

JOB NUMBER: 871424

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #

Au

ppb

16106

40

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN,MM,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: PAMICON
 ATTENTION:
 PROJECT: KESTREL

REPORT#: 871424 PA
 JOB#: 871424
 INVOICE#: 871424 NA

DATE RECEIVED: 87/09/28
 DATE COMPLETED: 87/10/05
 COPY SENT TO:

ANALYST *W. Funn*

PAGE 1 OF 1

SAMPLE NAME	AG PPH	AL %	AS PPH	AU PPH	BA PPH	BI PPH	CA %	CD PPH	CO PPH	CR PPH	CU PPH	FE %	K %	MG %	MN PPH	MO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	W PPH	ZN PPH
16106	3.8	.99	23	ND	20	7	1.06	.1	22	27	3655	9.53	.11	.41	281	961	.20	10	.19	56	ND	ND	15	ND	15	ND	ND	62
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



VANGEOCHEM LAB LIMITED

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(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871388 GA

JOB NUMBER: 871388

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
13290	10
15335	nd
15336	nd
15337	nd
15338	nd
15339	nd
16092	nd
16093	nd
16094	nd
16095	nd
16096	nd
16097	nd
16098	nd
16099	nd
16100	nd
16101	nd
16102	nd
16103	nd
16104	nd
16105	80
17025	15

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604)986-5211 TELEX: 04-352578
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, P, CR, HG, BA, PD, AL, NA, K, M, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: PAMICON
 ATTENTION:
 PROJECT: KESTREL

REPORT#: 871388PA
 JOB#: 871388
 INVOICE#: 871388NA

DATE RECEIVED: 87/09/21
 DATE COMPLETED: 87/09/30
 COPY SENT TO:

ANALYST *W. Reals*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BT PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	HG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
13290	>100	.08	296	ND	10	556	.13	33.8	2	20	5664	2.53	.03	.03	864	2	1.24	ND	.01	6285	ND	ND	1020	1	4	ND	ND	4019
16092	1.0	1.70	17	ND	25	ND	1.02	1.1	26	8	327	4.27	.09	1.01	409	1	.12	11	.20	8	ND	ND	3	1	33	ND	ND	204
16093	1.6	1.08	19	3	16	ND	.63	.1	33	22	334	7.54	.12	.63	273	2	.14	5	.17	16	ND	ND	11	ND	24	ND	ND	64
16094	.8	1.39	4	ND	37	ND	1.38	9.7	15	7	325	3.85	.10	.48	370	ND	.24	6	.21	7	ND	ND	5	1	38	5	ND	605
16095	1.1	1.27	10	3	21	ND	1.01	.1	17	23	335	4.76	.10	.49	298	2	.08	6	.23	9	ND	ND	7	ND	36	7	3	71
16096	.1	.88	19	6	8	ND	6.04	.1	5	5	422	12.82	.22	.24	762	2	.22	2	.09	22	ND	ND	11	3	7	ND	ND	33
16097	.5	1.62	8	ND	16	ND	1.46	.1	32	23	696	5.23	.08	.54	297	1	.09	11	.19	4	ND	ND	ND	ND	34	ND	ND	37
16098	.3	1.37	6	ND	21	ND	1.15	.1	16	20	251	3.75	.06	.59	308	1	.06	5	.20	ND	ND	ND	ND	1	37	ND	ND	29
16099	1.6	1.39	33	ND	15	ND	.96	.1	29	26	810	7.36	.09	.88	424	2	.14	10	.16	10	ND	ND	6	1	55	ND	ND	41
16100	1.6	1.42	25	ND	29	15	.52	.1	25	27	944	6.88	.08	1.08	559	3	.13	8	.14	15	ND	ND	7	ND	16	ND	ND	42
16101	.7	1.27	14	ND	14	ND	.93	.1	24	24	585	5.19	.07	.62	344	3	.09	6	.18	5	ND	ND	4	ND	29	ND	ND	29
16102	.8	1.68	9	ND	23	ND	1.92	.1	41	27	486	3.40	.07	.46	285	94	.06	40	.19	ND	ND	ND	ND	ND	21	ND	ND	43
16103	.8	1.57	22	ND	16	ND	3.67	.1	36	31	692	4.74	.09	.45	530	351	.10	18	.23	10	ND	ND	ND	ND	43	ND	ND	60
16104	.1	2.08	20	ND	7	ND	3.11	.1	87	21	1276	9.34	.13	.34	482	1996	.18	52	.11	15	ND	ND	ND	ND	17	ND	ND	56
16105	.1	1.25	40	ND	9	ND	4.70	.1	99	25	623	7.54	.11	.25	552	14	.15	37	.13	17	ND	ND	4	ND	32	ND	ND	42
17025	48.3	.41	32	ND	32	131	.66	.9	10	121	4010	3.67	.06	.15	297	13	.17	6	.01	703	ND	ND	12	ND	14	ND	ND	337
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



VANGEOCHEM LAB LIMITED

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(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871379 GA

JOB NUMBER: 871378

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au
16076	80
16077	50
16078	110
16079	10
16080	125
16081	55
16082	10390
16083	110
16084	nd
16085	40
16086	110
16087	40
16088	160
16089	50
16090	510
16091	30

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 971378 AA

JOB NUMBER: 971378

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #

AU
oz/st

16082

.310

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604) 986-5211 TELEX: 04-352578
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604) 251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, P, CR, MG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: PAMICON
 ATTENTION:
 PROJECT: KEST

REPORT#: 871378PA
 JOB#: 871278
 INVOICE#: 871378NA

DATE RECEIVED: 87/09/19
 DATE COMPLETED: 87/09/30
 COPY SENT TO:

ANALYST *W. P. ...*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU 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	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM	
16076	.1	2.33	43	ND	8	6	.15	.1	26	12	49	15.90	.15	1.79	758	7	.27	9	.06	27	ND	ND	12	ND	6	ND	ND	63	
16077	.1	1.47	17	ND	41	9	.22	.1	32	33	96	8.05	.09	.86	385	6	.13	5	.19	11	ND	ND	3	ND	9	ND	ND	27	
16078	.5	1.80	27	ND	13	8	.70	.1	48	18	424	9.35	.08	1.59	1229	10	.18	27	.20	21	ND	ND	4	1	58	ND	ND	109	
16079	.1	2.82	25	ND	57	6	.83	.1	34	28	44	6.33	.07	2.45	1282	8	.15	16	.16	8	ND	ND	ND	4	1	19	ND	ND	114
16080	.4	1.32	24	ND	19	ND	.48	.1	102	11	597	8.14	.10	.72	408	8	.12	26	.10	13	ND	ND	3	1	72	ND	ND	40	
16081	.1	1.66	39	ND	19	ND	.25	.1	54	47	58	13.16	.13	.92	776	14	.20	12	.14	15	ND	ND	7	ND	8	ND	ND	34	
16082	>100	2.93	9089	10	36	1163	.24	.1	78	17	1160	11.08	.10	1.54	1542	12	.48	18	.09	668	ND	ND	29	ND	62	ND	ND	1056	
16083	6.4	2.03	361	ND	29	50	.43	.1	55	36	381	7.57	.07	1.43	692	6	.15	9	.15	50	ND	ND	5	ND	18	ND	ND	97	
16084	.8	2.54	82	ND	12	14	1.80	.1	31	12	366	5.35	.06	1.25	506	9	.10	19	.16	12	ND	ND	ND	ND	15	ND	ND	33	
16085	.1	2.18	54	ND	12	4	2.09	.1	48	47	834	10.19	.11	.75	405	12	.17	24	.15	20	ND	ND	10	ND	12	ND	ND	25	
16086	8.8	.16	68	ND	12	5	9.18	35.5	200	37	7205	9.42	.10	.64	4071	3	.71	21	.03	200	ND	ND	ND	ND	123	ND	ND	1782	
16087	.1	2.12	31	ND	28	4	2.72	1.7	23	6	363	4.86	.09	1.66	850	2	.13	5	.10	20	ND	ND	ND	ND	67	ND	ND	131	
16088	.1	.88	39	ND	21	ND	.39	.1	20	27	140	6.38	.07	.61	270	3	.10	1	.09	27	ND	ND	ND	ND	8	ND	ND	35	
16089	.1	1.88	30	ND	14	ND	2.04	.1	38	10	290	6.14	.08	.73	441	3	.11	8	.18	19	ND	ND	ND	1	19	ND	ND	50	
16090	>100	1.91	305	ND	15	18	.68	97.2	37	20	6308	14.06	.14	1.11	797	41	1.83	14	.10	978	ND	ND	11	ND	16	ND	ND	5011	
16091	5.8	1.98	33	ND	12	ND	1.57	2.2	30	11	870	6.13	.07	.77	481	4	.17	14	.20	181	ND	ND	ND	ND	19	ND	ND	240	
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1	



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871379 6A

JOB NUMBER: 871379

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
13278	nd
13279	5
13280	5
13281	10
13282	20
13283	15
13284	nd
13285	40
13286	nd
13287	nd
13288	23410
13289	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L8
(604) 251-5656

REPORT NUMBER: 871379 AA

JOB NUMBER: 871379

PANICOM DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #

Au
oz/st

13288

.688

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604)986-5211 TELEX: 04-352578
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, P, CR, MS, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: PAMICON
 ATTENTION:
 PROJECT: KESTREL

REPORT#: 871379PA
 JOB#: 871379
 INVOICE#: 871379NA

DATE RECEIVED: 87/09/19
 DATE COMPLETED: 87/09/25
 COPY SENT TO:

ANALYST *W. Reeves*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MS %	NN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
13278	.1	1.13	15	ND	14	ND	.49	.1	12	46	118	4.02	.04	.86	347	6	.09	18	.13	10	ND	ND	7	ND	12	ND	ND	67
13279	.5	1.08	8	ND	10	ND	.51	.1	16	15	211	4.02	.04	.78	429	5	.09	14	.12	11	ND	ND	5	ND	12	ND	ND	69
13280	.1	1.33	9	ND	19	ND	.35	.1	11	44	112	3.49	.04	1.21	370	4	.07	19	.11	9	ND	ND	8	1	15	ND	ND	47
13281	.1	.77	10	ND	18	ND	3.94	4.1	4	17	46	2.16	.07	.54	912	1	.13	12	.02	173	ND	ND	ND	ND	142	ND	ND	285
13282	.2	2.26	28	ND	11	ND	.42	12.9	10	59	109	5.54	.36	1.58	1034	5	.40	19	.11	46	ND	ND	9	ND	24	ND	ND	953
13283	.7	1.46	9	ND	9	ND	.75	.3	19	39	312	5.21	.06	.83	619	9	.14	11	.15	22	ND	ND	8	ND	18	ND	ND	170
13284	.9	1.00	15	ND	11	5	.47	.1	33	9	623	6.73	.08	.53	288	4	.13	9	.16	25	ND	ND	10	ND	20	ND	ND	68
13285	.1	2.09	86	ND	8	5	.50	.1	69	32	857	12.40	.11	1.51	730	13	.25	22	.17	19	ND	ND	28	ND	13	ND	ND	42
13286	.1	.76	11	ND	10	ND	.42	.1	17	7	308	4.63	.05	.45	234	75	.08	11	.18	6	ND	ND	8	ND	12	ND	ND	21
13287	.1	1.61	29	ND	28	7	.22	.1	21	18	293	7.87	.07	.82	362	9	.15	8	.12	12	ND	ND	13	ND	10	ND	ND	27
13298	6.9	1.68	50	7	24	ND	10.69	.1	256	20	990	11.15	.11	1.62	3838	42	.24	27	.03	2	ND	ND	8	ND	168	ND	ND	17
13299	.1	1.52	23	ND	73	ND	5.57	.1	54	10	123	5.02	.08	.92	2313	9	.11	12	.10	ND	ND	ND	3	ND	98	ND	ND	12
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	1	1	5	3	1



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871278 GA

JOB NUMBER: 871278

PANICON DEVELOPMENT LTD.

PAGE 1 OF 2

SAMPLE #	Au
	ppb
13269	85330
13270	76835
13271	3740
13272	1575
13273	7750
13274	790
13275	16355
13276	43100
13277	4355
13291	nd
13292	22045
13293	120
13294	5
13295	nd
13296	180
13297	445
13298	995
13299	1165
13300	1440
13398	35
13399	60
13400	8810
15274	2500
15275	4390
16426	890
16427	20
16428	40
16429	10
13255 = 17000	180
13256 = 17001	6995
13257 = 17002	180
13258 = 17003	95
13259 = 17004	590
13260 = 17005	475
13261 = 17006	10
13262 = 17007	30
13263 = 17008	420
13264 = 17009	10
13265 = 17010	60

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.
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REPORT NUMBER: 871278 GA

JOB NUMBER: 871278

PAMICON DEVELOPMENT LTD.

PAGE 2 OF 2

SAMPLE #	Au
13266 = 17011	100
13267 = 17012	1610
13268 = 17013	7885

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871278 AA

JOB NUMBER: 871278

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
13269	2.472
13270	2.202
13271	.114
13272	.057
13273	.217
13275	.502
13276	1.278
13277	.128
13292	.655
13298	.029
13299	.030
13400	.268
15274	.070
15275	.136
13256 = 17001	.198
13267 = 17012	.047
268 = 17013	.235

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005
1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, P, CR, MG, BA, PD, AL, VA, K, X, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: PAMICON
 ATTENTION:
 PROJECT: KESTREL

REPORT#: 871278PA
 JOB#: 871278
 INVOICE#: 871278NA

DATE RECEIVED: 87/09/08
 DATE COMPLETED: 87/09/25
 COPY SENT TO:

ANALYST: *W. Reims*

PAGE 1 OF 2

SAMPLE NAME	AG PPM	AL %	AS PPM	AU 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	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
13269	85.4	1.43	527	58	2	180	.07	2.9	185	16	1794	37.67	.39	.50	299	117	.43	138	.01	741	ND	ND	42	ND	7	ND	ND	2059
13270	>100	1.57	918	57	:	113	.13	.1	189	38	1273	34.82	.34	.64	350	167	.12	174	.03	748	ND	ND	42	ND	7	ND	ND	2908
13271	64.6	.20	654	ND	ND	5	.12	.1	405	13	122	30.97	.30	.14	111	13	.16	38	.01	494	ND	ND	29	ND	13	ND	ND	779
13272	6.5	.05	590	ND	!	ND	.02	.1	395	16	46	27.52	.27	.04	35	5	.30	19	.01	123	ND	ND	25	ND	4	ND	ND	55
13273	21.2	.34	622	ND	ND	ND	.48	.	264	50	85	25.07	.25	.24	363	13	.91	10	.01	352	ND	ND	26	ND	19	ND	ND	797
13274	0.4	.19	22	ND	51	4	.15	77.1	17	14	119	1.57	.02	.04	205	6	.63	4	.01	32	ND	ND	ND	ND	592	ND	ND	32029
13275	4.4	.89	155	9	2	ND	1.75	.1	984	57	153	20.42	.34	.86	1290	53	.42	41	.04	180	ND	ND	29	ND	59	ND	ND	2659
13275	50.5	.97	747	30	1	40	1.37	.1	54	25	628	30.87	.32	.54	1316	20	.33	14	.02	195	ND	ND	32	ND	28	ND	ND	2391
13277	1.7	.48	456	ND	ND	ND	.49	.1	208	12	79	29.37	.30	.44	325	10	.81	9	.03	74	ND	ND	29	ND	18	ND	ND	254
13291	4.5	.10	67	ND	56	ND	1.52	115.1	14	57	25	1.45	.91	.04	1018	11	.66	2	.02	10212	ND	ND	11	ND	437	ND	ND	30826
13292	9.5	.70	156	13	9	5	7.08	12.3	329	27	1625	10.11	.11	.68	4063	19	.06	91	.06	419	ND	ND	7	ND	160	ND	ND	4372
13292	22.1	1.18	2316	ND	ND	24	.44	5.1	217	45	2590	34.62	.24	.66	570	17	.66	69	.01	1390	ND	ND	59	ND	17	ND	ND	10895
13294	40.9	.04	98	ND	137	4	.08	1.7	27	3	1113	1.72	.01	.02	497	2	.22	50	.01	66	ND	ND	120	ND	746	ND	ND	1153
13295	5.1	.64	28	7	7	15	1.89	>1000	33	41	933	1.77	.01	.50	930	32	.12	17	.05	46	ND	ND	12	6	104	ND	567	>10%
1329E	7.1	.25	65	ND	1	5	.06	28.6	71	45	150	14.86	.15	.09	67	6	.95	32	.01	72	ND	ND	13	ND	15	ND	ND	11259
13297	44.9	2.57	131	ND	10	497	.97	11.8	72	53	17244	9.89	.08	1.93	1240	26	.00	93	.11	523	ND	ND	25	ND	43	ND	ND	5108
13298	3.4	.27	257	ND	ND	3	.05	.1	416	17	625	30.82	.32	.16	82	19	.80	20	.01	53	ND	ND	31	ND	5	ND	ND	1007
13299	9.8	1.51	378	3	21	5	11.32	94.9	23	17	1004	12.55	.11	2.27	15516	6	.32	107	.05	77	ND	ND	9	ND	203	ND	ND	21227
13300	65.6	2.13	1204	5	2	36	.68	.1	47	33	671	22.64	.24	1.22	1431	6	.35	22	.09	1239	ND	ND	23	ND	19	ND	ND	3742
13398	58.6	.19	56	ND	6	44	1.42	6.5	19	29	>10%	13.71	.13	.27	3472	11	.86	59	.22	59	ND	ND	4	ND	19	ND	ND	2975
13399	39.5	.17	35	ND	13	87	3.45	11.3	12	17	51605	9.71	.11	.68	9112	7	.86	56	.15	53	ND	ND	9	ND	119	ND	ND	4978
13400	56.5	.22	723	5	ND	6	2.50	257.2	6	31	2978	27.57	.32	.25	2665	11	.59	18	.01	8953	ND	ND	52	ND	78	ND	ND	55095
15274	25.6	.59	434	4	ND	ND	3.23	624.5	12	14	1094	14.83	.17	.81	7382	7	.80	10	.01	9210	ND	ND	27	ND	445	ND	11	>10%
15275	42.2	1.16	542	4	ND	ND	4.12	442.2	12	15	1836	17.13	.19	1.06	3287	33	.66	17	.07	20197	ND	ND	50	ND	140	ND	ND	>10%
15425	.8	.19	59	ND	10	ND	.17	12.8	37	99	152	6.14	.06	.03	363	4	.52	6	.01	668	ND	ND	5	ND	7	ND	ND	3909
16427	.1	.20	ND	ND	1017	ND	.03	3.5	5	127	67	1.70	.02	.03	1014	9	.14	4	.01	207	ND	ND	ND	ND	30	6	4	1107
16428	.1	.39	ND	ND	80	ND	2.54	.9	10	10	71	3.58	.06	.76	2395	2	.12	3	.19	56	ND	ND	ND	ND	40	ND	ND	444
16429	.1	.27	ND	ND	107	ND	.22	.2	5	125	24	1.29	.01	.09	546	3	.04	3	.01	23	ND	ND	ND	ND	4	3	4	217
17000-13255	.1	1.43	33	ND	48	ND	1.14	92.1	12	27	375	3.18	.01	1.12	870	4	.55	13	.11	49	ND	ND	1	ND	101	ND	ND	34635
17001-13254	10.5	.75	770	3	10	14	.20	.1	95	74	212	7.21	.06	.48	496	5	.38	90	.08	125	ND	ND	8	ND	12	ND	ND	1804
17002-57	4.9	.34	105	ND	16	ND	.58	.1	31	31	1484	5.94	.06	.60	738	4	.14	69	.08	43	ND	ND	7	ND	10	ND	ND	457
17003-48	8.1	.16	45	11	1	31	.11	>1000	52	105	223	.68	.01	.08	144	85	.96	20	.02	422	ND	ND	24	12	24	ND	2657	>10%
17004-59	5.1	1.41	297	ND	12	ND	8.09	53.4	44	12	197	10.50	.12	1.28	6524	3	.92	21	.07	165	ND	ND	2	ND	270	ND	ND	17198
17005-60	15.8	.91	2479	ND	ND	6	.25	223.9	27	21	867	33.19	.34	.60	529	8	.80	248	.01	1663	ND	ND	48	ND	9	ND	ND	55149
17006-13261	.1	.26	27	ND	146	3	.82	57.9	3	127	35	.86	.01	.04	122	3	.72	5	.01	50	ND	ND	ND	ND	44	ND	ND	15053
17007-13262	8.5	.04	19	29	6	25	.44	>1000	38	56	123	.70	.01	.01	156	ND	.55	14	.01	500	ND	ND	ND	9	15	ND	ND	>10%
17008-63	5.1	1.33	957	ND	8	5	.35	33.9	57	11	819	25.66	.25	1.28	1304	13	.52	9	.05	196	ND	ND	35	ND	13	ND	ND	19905
17009-64	1.7	.55	20	7	7	15	2.57	764.1	28	60	920	2.00	.01	.46	1098	27	.01	9	.03	47	ND	ND	5	ND	238	ND	446	>10%
17010-13265	2.2	.91	54	3	11	3	1.37	257.1	15	50	2623	4.07	.03	.70	857	7	.55	5	.07	51	ND	ND	6	ND	307	ND	19	44931
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AS PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MS %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	V PPM	ZN PPM
17011 13266	17.1	.36	225	ND	17	3	.97	243.3	15	82	394	2.47	.04	.17	1001	34	.17	30	.02	11124	ND	ND	29	ND	58	ND	ND	28949
17012 13267	6.1	1.28	1042	3	3	ND	.14	.1	62	27	1115	25.28	.29	.56	557	8	.01	228	.03	456	ND	ND	35	ND	8	ND	ND	1531
17013 13268	55.5	1.08	5189	9	3	10	1.87	.1	35	50	1946	27.12	.30	.68	2037	20	.04	119	.02	1019	ND	ND	54	ND	52	ND	ND	5562
DETECTION LIMIT	.1	.01	?	?	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	?	5	?	?	1	5	3	1

*note No results unreliable in presence of high Zn.



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1830 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871145 6A

JOB NUMBER: 871145

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au
13148	ppb
13149	nd
13150	35
13193	335
13194	200
	nd
13195	30890
13198	790
13199	5450
13200	5345
13253	10690
13254	3700

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 988-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 871145 AA

JOB NUMBER: 871145

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
13148	---
13149	---
13150	---
13193	---
13194	---
13195	.901
13198	--
13199	.159
13200	.156
13253	.312
13254	.108

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppa

.005

1 ppa = 0.0001%

ppa = parts per million

< = less than

signed: _____

VANGUARD CHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604) 986-5211 TELEX: 04-352578
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604) 251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:2 HCL TO HNO₃ TO H₂O AT 35 DEGS. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR S, Pb, Cu, Ag, Fe, Cd, Hg, Ba, Pd, Al, Na, Li, K, Zn AND Sr. AU AND PO DETECTION IS 5 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, - = NOT ANALYZED

COMPANY: PAMICON
 ATTENTION:
 PROJECT: KESTREL

REPORT#: 871145NA
 JOB#: 871145
 INVOICE#: 871145NA

DATE RECEIVED: 87/08/24
 DATE COMPLETED: 87/09/21
 COPY SENT TO:

ANALYST *W. Lewis*

PAGE 1 OF 1

SAMPLE NAME	AG	AL	AS	AU	BA	BI	CA	CD	CC	CP	CU	FE	K	MG	MN	MO	NA	NI	P	PB	PO	PT	SE	SN	SR	Z	W	ZN
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
13148	1.1	2.11	50	4	5	68	.05	.1	211	44	4702	15.53	.06	1.21	564	5	.31	17	.04	32	ND	ND	6	ND	13	ND	197	15
13149	1.5	2.84	514	ND	6	10	.21	.1	44	38	583	10.62	.01	1.79	968	5	.18	9	.11	52	ND	ND	5	ND	17	ND	ND	37
13150	4.1	1.87	23	5	58	11	7.54	672.9	32	18	1465	4.54	.02	1.21	2535	8	11.21	14	.05	31	ND	ND	ND	6	177	ND	ND	26503
13193	17.4	.18	285	ND	153	83	.12	8.5	15	.95	205	5.74	.03	.05	87	9	.37	5	.01	243	ND	ND	9	ND	11	ND	3	629
13194	.1	.64	45	ND	61	4	.11	1.0	6	26	24	4.35	.04	.38	222	2	.09	8	.10	16	ND	ND	3	ND	23	ND	ND	88
13195	20.1	2.27	6	23	23	5	4.24	8.1 22.1	.5	.6	302 502	4.14	.03	1.70	2035	3	1.12 (.112)	8	.13	3.4 19.4	ND	ND	ND	ND	65	ND	ND	2125
13198	6.4	2.55	5	ND	22	6	2.06	22.1	14	7	558	4.34	.04	1.85	2096	2	.96	10	.14	499E	ND	ND	ND	ND	34	ND	ND	1772
13199	32.8	.22	113	8	9	12	2.06	800.1	42	40	1670	3.35	.04	.25	2349	26	12.97	14	.05	3765	ND	ND	16	3	54	ND	128	30133
13200	8.7	.09	41	ND	46	ND	4.65	20.6	6	23	1541	4.31	.02	1.71	4684	ND	.67	6	.02	262	ND	ND	ND	ND	73	ND	ND	1126
13253	>100	.09	30	7	29	3	.38	458.8	11	120	7967	2.36	.01	.11	557	24	10.16	10	.01	3257	ND	ND	19	.	20	ND	ND	20841
13254	>100	.12	53	ND	37	5	.35	389.9	11	21	1663	2.44	.03	.13	650	10	6.87	10	.02	1302	ND	ND	73	3	19	ND	ND	13137
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

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 ANALYST



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870999 GA

JOB NUMBER: 870999

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au
13395	ppb nd
13396	32740
13397	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870966 AA

JOB NUMBER: 870966

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
13192	.37	14.60	18.40	6.31	.582

DETECTION LIMIT

.01

.01

.01

.01

.005

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: _____



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870966 GA

JOB NUMBER: 870966

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 2

SAMPLE #	Au
	ppb
13130	nd
13131	40
13132	20
13133	14980
13134	60
13135	50
13136	45
13137	nd
13138	10
13139	nd
13140	nd
13141	10
13142	nd
13143	1165
13144	nd
13145	15
13146	30
13147	62050
13161	1200
13162	340
13163	2330
13164	45
13165	1990
13166	190
13167	nd
13168	240
13169	15
13170	330
13171	730
13172	10
13173	500
13174	nd
13175	nd
13176	nd
13177	nd
13178	nd
13179	30
13180	nd
13181	12650

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870966 GB

JOB NUMBER: 870966

PAMICON DEVELOPMENT LTD.

PAGE 2 OF 2

SAMPLE #	Au
	ppb
13182	80
13183	260
13184	40
13185	195
13186	280
13187	5
13188	80
13189	35
13190	130
13191	nd
13196	200
13197	nd
13388	nd
13389	40
13390	35
13391	430
13392	10285
13393	40
13394	3150

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870966 AB

JOB NUMBER: 870966

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	AU oz/st
13392	.308
13393	<.005
13394	.086

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

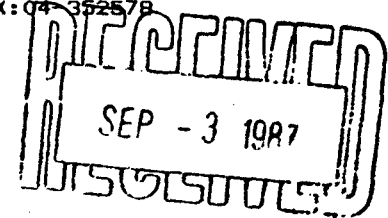
signed: _____

VANGOCHEM LAB LIMITED

MAIN OFFICE: 1521 REEBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604) 986-5211 TELEX: 04 352578
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604) 251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SM, MN, FE, CA, P, CR, MG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED



COMPANY: PAMICDN
 ATTENTION:
 PROJECT: KESTREL

REPORT#: B70966PA
 JOB#: B70966
 INVOICE#: B70966NA

DATE RECEIVED: 87/08/07
 DATE COMPLETED: 87/09/02
 COPY SENT TO:

ANALYST *W. Flaves*

SAMPLE NAME	AG PPM	AL %	AS PPM	AU 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	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	Zn PPM
13130	.1	.18	ND	ND	148	ND	1.76	52.3	5	143	48	.64	.05	.10	950	7	1.59	11	.01	ND	ND	ND	ND	ND	634	ND	ND	3446
13131	.1	.75	89	6	10	ND	.18	.1	421	23	456	27.50	.13	.57	315	3	.59	51	.02	60	ND	ND	21	ND	646	ND	ND	76
13132	.1	1.64	45	ND	230	ND	5.92	11.4	9	52	52	3.55	.11	1.18	1368	2	.40	13	.06	257	ND	ND	ND	ND	1048	ND	ND	700
13133	4.9	3.73	485	15	12	275	.94	.1	126	11	543	16.33	.12	1.97	1545	6	.47	7	.12	31	ND	ND	9	ND	82	ND	ND	283
13134	.1	1.65	31	3	62	144	10.06	.1	40	22	9782	8.43	.12	1.21	4231	6	.23	23	.10	115	ND	ND	ND	ND	197	ND	ND	50
13135	.5	2.56	167	6	4	ND	.27	.1	311	11	1556	26.38	.13	.69	549	4	.58	37	.05	55	ND	ND	18	ND	293	ND	ND	114
13136	29.1	3.86	49	5	14	ND	2.42	.9	123	38	76043	14.75	.08	3.33	2511	10	.59	97	.09	ND	ND	ND	ND	ND	129	ND	ND	197
13137	5.6	.46	5	ND	124	ND	.94	.7	8	26	1518	1.69	.07	.16	807	6	.16	4	.03	45	ND	ND	4	ND	93	3	ND	321
13138	.6	.27	9	ND	109	ND	.24	2.0	2	137	93	.79	.04	.09	473	11	.05	7	.02	22	ND	ND	3	ND	22	4	ND	131
13139	.1	.31	7	ND	60	ND	.19	.1	2	16	28	1.60	.05	.16	451	1	.04	4	.02	8	ND	ND	3	ND	19	3	ND	53
13140	.3	.26	5	ND	44	ND	.13	.5	3	109	788	.80	.05	.10	558	4	.03	7	.03	13	ND	ND	4	ND	10	4	5	62
13141	9.3	.38	11	ND	71	ND	.27	10.9	3	35	1098	1.27	.06	.17	739	21	.47	2	.03	1598	ND	ND	5	ND	27	3	ND	1053
13142	.1	.18	ND	ND	1561	ND	.96	1.4	4	142	95	1.81	.06	.05	1525	7	.09	7	.01	43	ND	ND	3	ND	89	ND	ND	171
13143	38.2	.86	50	6	50	ND	1.98	141.9	57	16	20262	15.66	.13	.35	4042	5	6.83	21	.01	139	ND	ND	11	ND	44	ND	ND	15127
13144	9.9	1.14	50	ND	24	6	3.67	506.1	18	47	1647	2.47	.10	.55	1312	4	14.66	6	.11	18657	ND	ND	10	ND	55	ND	ND	35382
13145	16.4	.75	75	ND	14	ND	11.59	156.9	5	12	3994	1.88	.06	.41	2277	2	5.01	3	.05	30385	ND	ND	14	ND	169	ND	ND	11648
13146	4.4	1.52	4	ND	17	ND	9.37	5.1	5	5	9584	3.37	.09	.94	2352	2	.34	4	.07	524	ND	ND	ND	ND	152	ND	ND	557
13147	42.1	2.28	34	38	26	11	5.26	135.3	19	20	1099	3.97	.09	1.64	2325	3	6.40	10	.11	11856	ND	ND	3	ND	81	ND	ND	14898
13161	4.8	1.15	334	4	5	18	1.14	.1	65	31	424	17.77	.13	1.25	2363	5	.59	19	.09	209	ND	ND	12	ND	63	ND	ND	474
13162	2.5	1.04	20	ND	135	ND	1.51	1.6	14	79	191	3.89	.09	.70	522	22	.16	788	.09	94	ND	ND	9	ND	25	ND	ND	207
13163	6.2	1.10	1135	6	121	14	.16	.1	7	26	609	21.40	.14	.44	324	15	.70	11	.13	732	ND	ND	34	ND	8	ND	ND	606
13164	18.8	2.35	114	5	17	8	.99	626.9	27	43	928	4.43	.05	1.85	2473	10	21.53	44	.15	29171	ND	ND	23	ND	41	ND	ND	55453
13165	4.0	1.57	356	3	9	4	2.50	.6	20	73	700	11.50	.13	1.20	2240	4	.49	97	.08	342	ND	ND	7	ND	67	ND	ND	529
13166	.1	.71	38	6	18	ND	9.48	.1	24	11	56	12.95	.14	2.64	5838	1	.36	20	.05	61	ND	ND	5	ND	180	ND	ND	78
13167	.1	1.53	37	3	6	ND	.52	.1	76	18	16	16.50	.12	.96	838	5	.40	28	.12	51	ND	ND	9	ND	14	ND	ND	96
13168	.1	2.37	17	ND	27	ND	2.74	.1	33	23	50	7.20	.13	1.47	1799	3	.23	9	.15	55	ND	ND	ND	ND	58	ND	ND	154
13169	.1	2.00	52	ND	228	ND	.31	2.9	12	88	87	12.09	.08	1.74	766	5	.51	68	.16	260	ND	ND	7	ND	25	ND	ND	562
13170	10.4	1.34	336	ND	52	ND	.37	.1	9	30	245	11.52	.09	.79	612	6	.32	22	.12	348	ND	ND	9	ND	24	ND	ND	163
13171	6.3	1.46	293	5	5	ND	3.35	10.8	39	52	119	14.47	.14	1.04	1962	15	.93	47	.08	237	ND	ND	9	ND	79	ND	ND	1482
13172	.1	2.12	18	ND	53	3	1.18	.1	13	34	60	3.30	.06	.92	554	1	.09	28	.05	27	ND	ND	ND	ND	44	ND	ND	99
13173	12.8	1.56	596	5	15	3	3.36	47.4	29	36	867	15.58	.13	1.58	6643	6	2.49	120	.06	233	ND	ND	9	ND	71	ND	ND	5224
13174	.1	.56	16	ND	70	ND	.14	1.0	3	129	29	1.11	.06	.24	442	7	.04	6	.04	10	ND	ND	3	ND	10	ND	7	92
13175	.1	.24	7	ND	1113	ND	1.12	.3	2	20	47	1.08	.07	.07	837	ND	.03	6	.02	19	ND	ND	ND	ND	123	ND	7	74
13176	2.0	.40	24	ND	127	ND	.07	.1	2	23	497	.94	.04	.19	428	ND	.02	3	.02	5	ND	ND	3	ND	7	ND	6	52
13177	8.7	.98	44	ND	51	ND	.12	.7	4	98	1054	1.86	.06	.53	572	4	.09	5	.03	16	ND	ND	4	ND	7	3	5	133
13178	34.7	.61	64	ND	67	ND	.22	.4	2	109	5702	1.51	.05	.23	435	5	.05	5	.06	17	ND	ND	4	ND	14	ND	7	59
13179	66.1	.16	112	ND	37	5	.12	.1	2	33	9312	1.35	.04	.05	389	1	.05	6	.01	68	ND	ND	5	ND	16	ND	5	47
13180	1.5	.66	394	ND	330	ND	.10	.1	4	7	411	1.30	.02	.43	284	ND	.04	11	.01	2711	ND	ND	4	ND	819	ND	9	38
13181	51.9	2.74	38668	14	4	63	.17	.1	86	35	4248	19.32	.07	1.52	971	5	.89	31	.07	724	ND	ND	57	ND	12	ND	ND	1056
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU 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	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM
13182	4.2	2.44	364	ND	3	20	.14	.1	352	7	1506	31.49	.14	1.22	854	51	.01	19	.05	105	ND	ND	18	ND	8	ND	ND	78
13183	1.5	2.54	902	ND	3	56	.20	.1	524	9	378	30.86	.14	1.15	543	5	.01	37	.10	84	ND	ND	15	ND	12	ND	ND	142
13184	.1	3.84	135	ND	5	10	.52	.1	160	21	936	19.47	.09	2.02	1242	6	.01	29	.19	18	ND	ND	5	ND	20	ND	ND	111
13185	26.1	2.76	811	ND	3	ND	.26	.1	134	8	1287	25.39	.13	.75	836	352	.01	31	.14	790	ND	ND	21	ND	20	ND	ND	1283
13186	1.5	1.68	179	ND	3	36	.44	.1	82	24	144	20.21	.12	1.08	530	26	.01	10	.07	72	ND	ND	12	ND	65	ND	ND	77
13187	.3	.56	32	ND	211	ND	.12	.1	14	19	33	1.76	.06	.27	213	2	.01	3	.02	32	ND	ND	ND	ND	19	ND	5	55
13188	2.7	.39	59	ND	39	21	.16	.1	32	23	26	5.65	.10	.09	102	247	.01	2	.16	41	ND	ND	5	6	60	ND	6	12
13189	.4	1.62	26	ND	24	6	.65	.9	44	17	160	6.93	.08	1.26	562	19	.01	17	.23	11	ND	ND	3	2	48	ND	ND	90
13190	.6	.34	56	ND	23	11	4.41	.1	101	18	877	11.50	.12	.46	2048	13	.01	24	.02	75	ND	ND	9	ND	52	ND	ND	190
13191	.4	2.23	34	ND	31	3	.78	.1	58	39	205	9.64	.09	.96	890	7	.01	13	.12	9	ND	ND	5	1	248	ND	ND	71
13192	>100	.10	94	16	14	18	.96	>1000	16	36	3412	3.59	.05	.33	1485	33	.01	15	.01	28037	ND	ND	163	10	38	ND	477	>10%
13196	2.7	.96	ND	ND	208	ND	1.11	18.7	4	44	108	1.93	.09	.53	901	3	.01	1	.09	939	ND	ND	3	ND	95	ND	ND	2512
13197	.5	.27	ND	ND	28	ND	.95	3.4	2	32	13	.85	.06	.09	512	1	.01	3	.01	139	ND	ND	ND	ND	21	3	7	460
13388	.1	3.16	43	ND	12	10	.54	.6	93	53	34	13.57	.08	2.81	1154	5	.01	54	.15	74	ND	ND	4	ND	117	ND	ND	355
13389	1.9	2.93	30	ND	44	ND	2.04	5.7	38	26	535	17.04	.17	1.04	1412	16	.01	24	.11	891	ND	ND	7	ND	28	ND	ND	1000
13390	26.2	2.05	994	ND	3	550	.09	.1	340	17	11773	23.10	.11	.75	570	9	.01	36	.04	1405	ND	ND	19	ND	7	ND	ND	1291
13391	67.8	2.08	109	ND	20	93	.97	14.5	15	130	1116	4.29	.06	1.34	1070	7	.01	41	.07	18304	ND	ND	9	ND	28	ND	ND	1360
13392	39.0	3.16	43887	5	11	60	.21	.1	122	14	4566	18.48	.08	1.76	1140	4	.01	26	.08	837	ND	ND	47	ND	6	ND	ND	579
13393	.1	2.43	597	4	11	ND	15.36	.1	12	15	170	4.59	.01	2.33	3355	ND	.01	8	.03	73	ND	ND	ND	ND	430	ND	ND	265
13394	11.5	.64	224	ND	25	ND	.29	.1	36	9	4588	48.75	.21	.23	870	10	.01	9	.01	90	ND	ND	26	ND	16	ND	19	996
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870960 GA

JOB NUMBER: 870960

PANICOM DEVELOPMENT LTD.

PAGE 1 OF 2

SAMPLE #	Au ppb
L0+00N-0+00W	45
L0+00N-0+20W	25
L0+00N-0+40W	20
L0+00N-0+60W	15
L0+00N-0+80W	40
L0+00N-1+00W	10
L0+00W-0+25N	10
L0+00W-0+50N	130
L0+00W-0+75N	70
L0+00W-1+00N	60
L0+00W-2+25N	10
L0+00W-2+50N	nd
L0+00W-2+75N	120
L0+00W-3+00N	40
L0+00W-3+25N	40
L0+00W-3+50N	40
L0+00W-3+75N	40
L0+00W-4+00N	15
L0+00W-0+25S	80
L0+00W-0+50S	35
L0+00W-0+75S	70
L0+00W-1+00S	210
L0+00W-1+25S	40
L0+00W-1+50S	20
L0+00W-1+75S	30
L0+00W-2+00S	10
L0+00W-2+25S	20
L0+00W-2+50S	30
L0+00W-2+75S	20
L0+00W-3+00S	30
L0+00W-3+25S	20
L0+00W-3+50S	60
L0+00W-3+75S	30
L0+00W-4+00S	50
L0+00W-4+25S	50
L0+00W-4+50S	70
L0+00W-4+75S	50
L0+00W-5+00S	40
L0+15N-0+20W	50

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870960 GA

JOB NUMBER: 870960

PANICON DEVELOPMENT LTD.

PAGE 2 OF 2

SAMPLE #	Au ppb
LO+15N-0+40W	10
LO+15N-0+60W	50
LO+15N-0+80W	10
LO+15S-0+20W	70
LO+15S-0+40W	25
LO+15S-0+60W	60
LO+15S-0+80W	60
LO+15S-1+00W	30

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2R3 PH: (604)986-5211 TELEX: 04-352578
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SM, MN, FE, CA, P, CR, MG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: PAMICON
 ATTENTION:
 PROJECT: KESTREL

REPORT#: PA
 JOB#: 870960
 INVOICE#: NA

DATE RECEIVED: 87/08/07
 DATE COMPLETED: 87/08/27
 COPY SENT TO:

ANALYST *W. Lewis*

PAGE 1 OF 2

SAMPLE NAME	AG PPM	AL %	AS PPM	AU 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	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L0+00N-0+00W	.4	2.98	17	ND	58	3	.25	.2	19	17	65	5.17	.09	.88	1336	3	.09	30	.10	28	ND	ND	4	ND	22	ND	ND	157
L0+00N-0+20W	.2	3.90	19	ND	159	ND	.15	.1	17	9	234	6.13	.14	.42	2202	4	.05	16	.08	15	ND	ND	ND	ND	10	3	ND	150
L0+00N-0+40W	.9	4.28	19	3	60	ND	.11	.1	11	9	42	5.61	.16	.40	1188	4	.04	13	.08	23	ND	ND	3	ND	8	10	ND	154
L0+00N-0+60W	.5	3.91	17	ND	73	ND	.13	.2	17	16	82	5.66	.14	.71	1649	2	.10	26	.13	24	ND	ND	ND	ND	10	6	ND	246
L0+00N-0+80W	.3	2.57	38	ND	161	ND	.24	.3	23	21	163	5.02	.08	1.03	1765	1	.14	41	.11	47	ND	ND	ND	ND	25	ND	ND	210
L0+00N-1+00W	.9	3.84	19	ND	52	3	.14	.1	14	17	80	5.18	.15	.63	779	3	.07	27	.11	30	ND	ND	ND	ND	11	10	ND	195
L0+00N-1+25N	.8	3.59	12	ND	51	3	.14	.1	13	12	37	4.71	.12	.51	884	3	.05	17	.10	23	ND	ND	4	ND	12	9	ND	137
L0+00N-1+50N	.1	3.52	21	ND	122	3	.17	.1	35	18	154	8.36	.10	1.19	2506	3	.18	26	.21	23	ND	ND	ND	ND	19	ND	ND	168
L0+00N-1+75N	.2	3.05	22	ND	75	ND	.16	.2	21	20	83	5.13	.09	.92	1483	1	.11	33	.11	32	ND	ND	ND	ND	15	ND	ND	172
L0+00N-1+00W	.2	3.70	18	ND	57	ND	.18	.1	17	17	59	5.25	.11	.73	1069	3	.08	21	.11	28	ND	ND	ND	ND	16	3	ND	148
L0+00N-2+25N	.7	3.26	14	ND	119	4	.21	.1	11	8	47	4.87	.19	.38	1806	4	.01	15	.06	21	ND	ND	3	ND	12	11	ND	226
L0+00N-2+50N	.9	3.33	10	ND	44	ND	.13	.1	5	4	10	5.32	.20	.16	1309	5	.01	6	.03	13	ND	ND	4	ND	6	12	ND	207
L0+00N-2+75N	.5	2.77	24	ND	92	ND	.20	.1	24	13	146	5.23	.11	.73	1345	3	.08	26	.10	27	ND	ND	ND	ND	18	4	ND	169
L0+00N-3+00N	.6	2.91	19	ND	111	ND	.35	.2	34	18	182	5.59	.11	1.05	1996	2	.10	31	.11	37	ND	ND	ND	ND	28	3	ND	183
L0+00N-3+25N	.1	3.16	32	ND	152	ND	.20	.5	29	24	169	5.82	.12	1.16	2422	ND	.12	44	.07	40	ND	ND	ND	ND	23	ND	ND	205
L0+00N-3+50N	.1	3.48	45	ND	70	4	.19	.1	28	23	140	5.83	.08	1.04	1138	3	.14	40	.12	70	ND	ND	ND	ND	15	ND	ND	190
L0+00N-3+75N	.1	3.23	24	ND	59	ND	.30	.1	23	24	95	5.73	.07	1.10	1162	2	.15	32	.10	47	ND	ND	ND	ND	28	ND	ND	205
L0+00N-4+00N	1.7	4.10	12	ND	40	ND	.07	.1	8	5	61	5.30	.16	.19	918	5	.04	5	.04	17	ND	ND	ND	ND	4	8	ND	161
L0+00N-4+25S	.1	3.35	22	ND	133	ND	.15	.1	21	19	122	5.69	.11	.93	2379	2	.11	30	.16	19	ND	ND	ND	ND	13	ND	ND	174
L0+00N-4+50S	.4	3.05	39	ND	90	4	.18	.8	26	21	100	5.76	.09	1.06	2365	1	.14	50	.14	66	ND	ND	ND	ND	12	ND	ND	237
L0+00N-4+75S	.3	3.06	67	ND	128	ND	.21	1.4	31	23	160	6.26	.09	1.10	3044	1	.20	65	.14	101	ND	ND	ND	ND	15	ND	ND	349
L0+00N-1+00S	.1	3.22	25	ND	108	3	.17	.1	25	17	97	6.38	.11	.86	3041	3	.12	29	.12	37	ND	ND	ND	ND	17	ND	ND	167
L0+00N-1+25S	.1	3.20	16	ND	228	ND	.12	.1	18	14	59	5.19	.11	.66	2912	3	.08	26	.13	24	ND	ND	ND	ND	10	3	ND	148
L0+00N-1+50S	.6	4.07	8	4	23	ND	.04	.1	5	9	21	4.65	.11	.14	414	4	.04	5	.09	21	ND	ND	3	3	3	7	ND	82
L0+00N-1+75S	.9	1.05	ND	ND	25	3	.07	.1	7	10	17	2.64	.04	.11	423	2	.03	6	.09	22	ND	ND	5	10	8	ND	6	38
L0+00N-2+00S	.2	1.98	7	ND	22	ND	.04	.1	9	10	18	4.88	.04	.15	1369	5	.08	6	.08	21	ND	ND	5	1	5	ND	ND	59
L0+00N-2+25S	.1	3.24	11	ND	26	ND	.07	.2	7	19	50	4.83	.03	.17	1100	3	.09	11	.15	9	ND	ND	ND	ND	8	ND	ND	70
L0+00N-2+50S	.1	2.57	19	ND	66	ND	.13	.2	8	18	38	4.26	.03	.20	1220	ND	.10	11	.14	28	ND	ND	ND	ND	17	ND	ND	106
L0+00N-2+75S	.1	4.18	6	ND	16	ND	.04	.1	8	11	64	4.69	.09	.17	1147	4	.06	7	.07	17	ND	ND	ND	ND	3	ND	ND	90
L0+00N-3+00S	.2	3.96	9	ND	14	ND	.03	.1	4	12	23	5.11	.06	.13	560	4	.08	5	.09	16	ND	ND	ND	ND	3	ND	ND	67
L0+00N-3+25S	.7	1.73	15	ND	27	ND	.07	.2	10	14	35	5.63	.05	.21	984	2	.09	11	.14	23	ND	ND	5	1	9	ND	ND	44
L0+00N-3+50S	.1	3.15	444	ND	103	ND	.16	.1	67	20	233	7.92	.06	.97	6777	3	.22	36	.23	125	ND	ND	3	ND	16	ND	ND	236
L0+00N-3+75S	.1	2.65	52	ND	58	ND	.11	.1	29	16	74	6.29	.07	.44	3557	3	.14	21	.24	93	ND	ND	ND	ND	12	ND	ND	164
L0+00N-4+00S	.4	3.30	25	ND	45	ND	.09	.1	8	16	79	4.45	.07	.50	741	3	.08	19	.12	36	ND	ND	ND	ND	9	ND	ND	132
L0+00N-4+25S	.5	2.90	37	ND	63	3	.10	.1	13	16	94	4.82	.08	.58	1017	3	.11	21	.12	76	ND	ND	ND	ND	9	ND	ND	187
L0+00N-4+50S	.6	3.04	31	ND	41	3	.11	.1	20	14	104	4.50	.08	.51	2334	2	.09	20	.12	78	ND	ND	ND	ND	10	ND	ND	160
L0+00N-4+75S	.2	3.00	40	ND	54	ND	.11	.6	19	17	124	5.21	.09	.63	2553	3	.12	22	.14	89	ND	ND	ND	ND	10	ND	ND	206
L0+00N-5+00S	.2	3.31	31	ND	55	ND	.11	.1	10	18	94	4.91	.07	.72	566	2	.11	25	.12	58	ND	ND	ND	ND	9	ND	ND	191
L0+13N-0+20W	.1	3.79	27	ND	78	4	.16	.1	20	21	125	6.06	.07	.97	1784	8	.13	30	.18	35	ND	ND	ND	ND	15	ND	ND	190

SAMPLE NAME	AG PPH	AL %	AS PPH	AU PPH	BA PPH	BI PPH	CA %	CD PPH	CO PPH	CR PPH	CU PPH	FE %	K %	MG %	MN PPH	MO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	W PPH	ZN PPH
L0+15M-0+40W	.7	3.39	16	ND	46	ND	.13	.2	13	13	50	4.56	.12	.46	781	5	.04	15	.11	20	ND	ND	3	3	9	6	ND	147
L0+15M-0+60W	.1	3.01	32	ND	120	3	.15	.1	26	25	152	5.21	.06	1.33	1438	ND	.13	48	.08	34	ND	ND	ND	ND	15	ND	ND	208
L0+15M-0+80W	.9	3.46	16	ND	70	ND	.24	.1	21	20	94	4.82	.11	.89	856	3	.08	25	.13	32	ND	ND	ND	1	21	ND	ND	178
L0+15S-0+20W	.1	3.54	44	ND	210	ND	.20	.1	34	19	130	7.00	.10	1.18	4780	3	.18	26	.19	30	ND	ND	ND	ND	18	ND	ND	208
L0+15S-0+40W	.4	3.59	23	ND	78	ND	.12	.2	15	15	76	5.28	.11	.62	1184	4	.09	21	.12	36	ND	ND	ND	ND	10	ND	ND	192
L0+15S-0+60W	.4	2.85	34	ND	127	ND	.16	3.5	25	22	323	5.33	.09	1.13	2538	2	.32	38	.11	50	ND	ND	ND	ND	14	ND	ND	679
L0+15S-0+80W	.9	3.37	31	ND	90	ND	.26	1.0	31	18	445	5.85	.11	.95	1977	2	.12	28	.12	30	ND	ND	ND	ND	24	ND	ND	236
L0+15S-1+00W	1.0	3.16	26	ND	90	ND	.16	.2	15	14	159	5.07	.12	.63	1192	1	.06	28	.08	31	ND	ND	ND	2	12	ND	ND	211
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870931 GA

JOB NUMBER: 870931

PANICON DEVELOPMENT LTD.

PAGE 1 OF 2

SAMPLE #	Au
13108	200
13109	nd
13110	55
13111	nd
13112	nd
13113	50
13114	35
13115	nd
13116	13780
13117	5210
13118	700
13119	10140
13120	450
13121	40
13122	70
13123	720
13124	105
13125	10
13126	2530
13127	890
13128	490
13129	9730
13347	nd
13348	nd
13349	5
13369	165
13370	15
13371	5
13372	1360
13373	15
13374	640
13375	10
13376	360
13377	2725
13378	27250
13379	1750
13380	910
13381	720
13382	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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PANICON DEVELOPMENT LTD.

PAGE 2 OF 2

SAMPLE #	Au ppb
13383	80
13384	10
13385	15
13386	45
13387	20
13413	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, P, CR, MG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: PAMICON
 ATTENTION:
 PROJECT: KEST

REPORT#: 870931PA
 JOB#: 870931
 INVOICE#: 870931

DATE RECEIVED: 87/08/05
 DATE COMPLETED: 87/08/27
 COPY SENT TO:

ANALYST W. P. Jones

SAMPLE NAME	AG PPM	AL %	AS PPM	AU 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	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
13108	65.1	.03	21	ND	11	6	.20	197.1	7	38	14051	4.14	.01	.07	540	12	.02	18	.01	2101	ND	ND	8	ND	5	ND	ND	9050
13109	17.2	.01	24	ND	48	ND	.63	136.5	4	114	912	.93	.01	.20	710	11	.02	9	.01	70309	ND	ND	13	ND	52	ND	ND	10021
13110	81.1	.16	58	ND	14	15	1.75	5.5	33	24	>10%	12.96	.01	.41	2817	32	.01	97	.05	1249	ND	ND	7	ND	19	ND	ND	378
13111	.1	.58	ND	ND	118	ND	5.22	.1	ND	19	2202	10.60	.01	1.02	>10%	ND	.01	13	.02	137	ND	ND	ND	ND	201	ND	ND	78
13112	11.1	1.00	25	ND	37	ND	1.41	55.1	9	27	9045	2.95	.01	.72	1759	3	.01	35	.07	392	ND	ND	3	ND	61	ND	ND	3706
13113	30.2	.47	23	ND	43	12	.27	63.4	6	69	32455	3.70	.01	.29	361	9	.01	9	.05	709	ND	ND	15	ND	138	ND	ND	5370
13114	3.1	.30	23	ND	32	3	.85	446.7	12	23	1084	.87	.05	.15	562	14	.08	11	.05	503	ND	ND	11	1	81	ND	ND	28870
13115	.1	.20	26	ND	133	ND	.43	7.8	3	50	91	.85	.15	.02	750	4	.01	4	.03	76	ND	ND	8	ND	21	ND	ND	616
13116	37.7	.92	909	ND	14	21	2.12	2.5	42	25	1321	6.16	.01	.63	1103	4	.01	52	.07	1232	ND	ND	7	ND	27	ND	ND	445
13117	99.1	.40	376	ND	1	ND	2.75	868.7	11	45	2248	18.78	.01	.43	3936	62	.10	8	.01	70815	ND	ND	22	ND	207	ND	ND	32805
13118	80.9	.76	825	ND	1	ND	.63	184.3	18	13	840	25.00	.01	.70	994	8	.03	14	.02	51170	ND	ND	37	ND	45	ND	ND	12378
13119	>100	.62	26067	5	2	59	.62	545.7	597	51	9686	25.14	.01	.40	1663	18	.10	21	.01	10672	ND	ND	38	ND	21	ND	ND	32364
13120	42.1	.83	491	ND	6	15	1.91	526.1	21	22	1454	10.10	.01	.65	2786	14	.07	8	.03	>10%	ND	ND	19	ND	62	ND	ND	28094
13121	24.2	.78	67	ND	11	38	.07	>1000	60	69	6947	2.79	.01	.56	676	49	.51	20	.01	14928	ND	ND	16	31	ND	ND	>10%	>10%
13122	15.6	.15	88	ND	21	22	.07	>1000	35	115	172	1.12	.14	.10	187	ND	.58	11	.01	1401	ND	ND	6	13	ND	ND	>10%	>10%
13123	19.5	1.22	1112	ND	4	ND	1.12	14.6	37	8	1218	26.31	.01	1.10	2840	1	.01	40	.05	2075	ND	ND	16	ND	59	ND	ND	1668
13124	7.3	2.66	109	ND	9	12	.56	2.4	85	108	7271	11.53	.01	2.37	1069	5	.01	99	.07	311	ND	ND	16	ND	10	ND	ND	336
13125	1.7	.15	33	ND	29	3	3.29	276.1	8	15	552	1.35	.07	.27	1471	3	.02	11	.01	59098	ND	ND	9	ND	208	ND	ND	13155
13126	>100	.05	613	4	3	ND	.05	6.3	451	83	132	25.89	.01	.05	72	4	.01	24	.01	3309	ND	ND	17	ND	11	ND	ND	716
13127	3.2	1.31	45	ND	3	ND	.14	.1	96	8	1060	28.32	.01	.86	269	2	.01	144	.02	862	ND	ND	19	ND	7	ND	ND	136
13128	36.2	.96	22	ND	48	4	11.60	.1	10	37	24105	4.43	.01	.65	8738	ND	.01	17	.05	85	ND	ND	7	ND	193	ND	ND	168
13129	>100	.26	543	3	1	ND	.60	642.5	6	18	2059	26.11	.01	.21	1355	24	.05	7	.01	39973	ND	ND	33	ND	49	ND	ND	23418
13347	.1	3.00	37	ND	39	4	1.70	33.4	14	63	90	5.58	.01	2.87	1425	3	.01	74	.13	8512	ND	ND	15	ND	80	ND	ND	2354
13348	.1	.11	12	ND	24	ND	6.25	.3	ND	22	55	1.18	.01	.10	719	ND	.01	8	.01	215	ND	ND	8	ND	499	ND	8	124
13349	.1	.20	29	ND	49	6	.20	.5	3	101	54	.95	.07	.05	296	5	.01	7	.05	99	ND	ND	21	ND	15	6	11	70
13369	20.7	.15	23	ND	35	ND	5.30	20.7	3	10	216	2.70	.01	.83	2277	ND	.01	4	.05	15809	ND	ND	23	ND	1275	ND	ND	1124
13370	31.8	1.72	36	ND	50	17	5.65	45.2	19	99	10660	5.16	.01	2.33	3857	1	.01	160	.07	299	ND	ND	9	ND	179	ND	ND	2884
13371	.1	1.91	101	ND	27	8	.54	.2	14	17	644	6.58	.01	1.91	1084	2	.01	15	.15	256	ND	ND	22	ND	23	ND	8	193
13372	>100	.15	540	3	8	34	1.37	.4	26	48	147	13.32	.01	.60	2946	5	.01	9	.07	1848	ND	ND	18	ND	304	ND	ND	392
13373	.1	.10	28	ND	78	ND	6.96	.1	3	11	13	5.75	.01	2.20	5674	ND	.01	23	.01	316	ND	ND	6	ND	402	ND	ND	122
13374	69.4	.15	800	ND	2	30	.80	7.5	132	28	924	23.38	.01	.39	1285	8	.01	48	.05	5834	ND	ND	28	ND	75	ND	ND	908
13375	37.7	2.71	39	ND	31	215	3.01	.1	16	82	15378	8.39	.01	3.37	3096	2	.01	52	.15	777	ND	ND	11	ND	122	ND	4	312
13376	21.7	1.43	730	ND	8	15	1.60	.1	52	31	2095	14.19	.01	1.31	2465	ND	.01	61	.02	1147	ND	ND	13	ND	62	ND	ND	308
13377	60.1	.39	58154	ND	1	ND	.03	.1	830	25	1324	31.00	.01	.16	177	ND	.01	17	.01	2801	ND	ND	77	ND	14	ND	ND	432
13378	>100	.44	>10%	6	7	ND	1.89	.1	4984	20	1917	19.56	.01	1.00	6893	17	.01	71	.01	539	ND	ND	109	ND	118	ND	ND	9940
13379	37.5	.03	3177	ND	4	31	.58	.1	365	35	7636	27.22	.01	.16	1398	ND	.01	885	.02	482	ND	ND	18	ND	31	ND	ND	789
13380	9.6	.35	750	ND	5	26	.44	.1	170	14	480	27.47	.01	.40	1266	ND	.01	53	.01	73	ND	ND	17	ND	20	ND	ND	113
13381	1.7	.31	709	ND	6	13	.02	.1	19	60	441	9.87	.01	.11	156	ND	.01	17	.02	130	ND	ND	7	ND	13	ND	ND	220
13382	.1	1.79	66	ND	33	ND	7.68	2.2	5	16	85	4.86	.07	2.12	1663	ND	.01	41	.05	38	ND	ND	7	ND	140	ND	ND	409
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CD PPM	CO PPM	CR PPM	CU PPM	FE I	K I	MG I	MM PPM	MO PPM	NA I	NI PPM	P I	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
13383	9.6	1.45	100	3	23	ND	3.65	91.1	63	15	11658	8.35	.01	1.04	2977	2	.15	31	.07	27	ND	ND	ND	ND	95	ND	ND	6482
13384	.1	.63	5	ND	43	ND	.31	.8	13	13	205	3.50	.01	.30	298	1	.01	ND	.05	19	ND	ND	ND	ND	34	ND	4	143
13385	.1	2.70	234	ND	11	ND	.28	.1	22	11	535	11.80	.01	1.68	898	3	.01	18	.07	62	ND	ND	7	ND	23	ND	ND	132
13386	.7	2.25	80	ND	8	ND	1.45	.1	118	3	4355	14.48	.01	1.37	1475	1	.01	4	.07	61	ND	ND	ND	ND	25	ND	ND	225
13387	.1	2.16	ND	ND	19	ND	.39	.1	30	1	1168	8.30	.01	1.33	815	ND	.01	ND	.10	5	ND	ND	ND	ND	34	ND	ND	60
13413	.1	.21	ND	ND	176	ND	.14	.1	ND	18	72	1.20	.01	.07	327	ND	.01	4	.01	ND	ND	ND	ND	ND	8	ND	6	33
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

**Suggest Assay on base metals 71%, Ag 7100ppm.*



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REPORT NUMBER: 870905 AA

JOB NUMBER: 870905

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
13107	.16	.28	6.05	1.02	.024
13159	.63	1.98	4.20	3.01	.154
13160	.25	2.60	.56	3.04	.038

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.01

ppm = parts per million

.01

.01

< = less than

.005

signed: _____



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PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au
	ppb
13106	110
13107	740
13151	50
13152	55
13153	150
13154	120
13155	540
13156	145
13157	150
13158	nd
13159	5200 = 0.152 g/g Au
13160	860
13368	30

DETECTION LIMIT
nd = none detected

5
-- = not analysed

is = insufficient sample

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,PG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

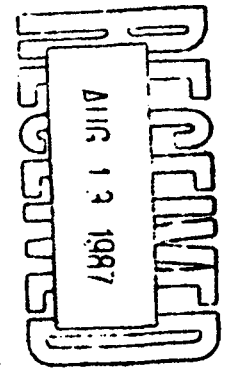
COMPANY: PAMICON
 ATTENTION:
 PROJECT: *S. Fodorick*
 KESTREL

REPORT#: PA
 JOB#: 870905
 INVOICE#: NA

DATE RECEIVED: 87/07/31
 DATE COMPLETED: 87/08/11
 COPY SENT TO:

ANALYST *W. Pears*

SAMPLE NAME	AS PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	PG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
13106	.1	.97	252	ND	30	ND	4.77	4.1	32	30	157	10.60	.01	2.49	1504	4	.44	167	.05	246	ND	ND	13	ND	170	ND	ND	906
13107	41.2	.05	635	8	10	8	2.43	702.2	11	21	1372	15.94	.01	1.85	2865	13	.32	47	.01	3394	ND	ND	12	ND	69	ND	ND	53374
13151	.1	.24	45	ND	100	ND	9.61	8.1	11	6	45	4.76	.01	4.10	3781	ND	.40	122	.05	64	ND	ND	ND	ND	161	ND	ND	993
13152	.1	.12	8	ND	33	ND	4.10	1.5	4	13	17	1.95	.01	1.06	1254	ND	.11	53	.03	32	ND	ND	ND	ND	130	ND	8	226
13153	.1	.48	9	ND	47	ND	4.25	4.4	15	13	288	3.72	.01	1.68	1684	26	.29	93	.12	159	ND	ND	ND	ND	168	ND	ND	809
13154	.3	.17	ND	ND	58	ND	12.89	4.6	2	6	38	1.62	.01	.22	2587	ND	.22	23	.03	3106	ND	ND	ND	ND	1353	ND	ND	725
13155	5.1	.12	69	ND	112	ND	.15	1.2	1	26	258	1.11	.01	.03	31	3	.08	4	.01	2881	ND	ND	6	ND	20	9	9	280
13156	2.7	.22	192	ND	45	ND	.05	.1	10	17	49	4.41	.02	.02	38	5	.08	13	.03	145	ND	ND	12	ND	8	6	ND	45
13157	.1	.05	93	ND	72	ND	10.01	.1	3	8	100	3.65	.01	.80	3060	ND	.08	7	.02	19	ND	ND	ND	ND	3270	ND	ND	46
13158	.1	1.47	4	ND	67	3	1.02	.1	9	22	40	2.22	.01	.70	433	1	.04	18	.04	3	ND	ND	ND	1	117	ND	ND	43
13159	>100	.16	39	16	44	9	.54	366.7	12	23	5935	3.50	.01	.19	1056	21	.02	13	.03	25259	ND	ND	55	1	43	ND	ND	37431
131600	>100	.16	57	ND	29	6	.04	52.5	3	36	2242	2.12	.01	.02	82	17	.32	6	.04	33094	ND	ND	82	ND	17	ND	ND	6287
13368	.1	.16	ND	ND	77	ND	11.21	.3	20	2	1251	6.83	.01	3.04	5852	ND	.22	46	.01	368	ND	ND	ND	ND	181	ND	ND	271
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1





VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870899 AA

JOB NUMBER: 870899

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Pb %	Zn %	Ag oz/st	Au oz/st
13101	.02	.01	.07	<.005
13102	.14	.49	.19	.022 <i>In place</i>
13103	.01	.01	.01	<.005
13104	<.01	<.01	.01	<.005
13105	<.01	.01	.01	<.005
13361	--	--	.06 .03	<.005 .005
13364	.17	.03		
13365	<.01	.01	.03	<.005
13366	<.01	<.01	<.01	<.005
13367	<.01	<.01	.07	<.005

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01 .01 .01
1 ppm = 0.0001% ppm = parts per million

.005
< = less than

signed: _____



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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870851 GA

JOB NUMBER: 870851

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au
13355	ppb 40
13356	nd
13357	20
13358	nd
13359	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

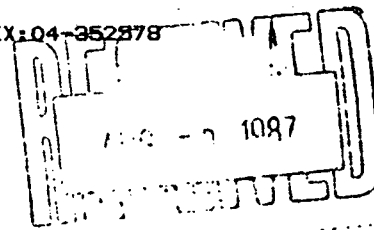
is = insufficient sample

VANCOUVER LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604)986-5211 TELEX: 04-352878
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SM, MN, FE, CA, P, CR, HG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED



COMPANY: PAMICON
 ATTENTION: S. TODVRUK
 PROJECT: KESTREL

REPORT#: PA
 JOB#: 851
 INVOICE#: NA

DATE RECEIVED: 87/7/28
 DATE COMPLETED: 87/7/31
 COPY SENT TO: C.K. IKONA

ANALYST *W. Burns*

PAGE 1 OF 1

SAMPLE NAME	AG PPH	AL %	AS PPH	AU PPH	BA PPH	BI PPH	CA %	CD PPH	CO PPH	CR PPH	CU PPH	FE %	K %	HG %	MN PPH	MO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SB PPH	SM PPH	SR PPH	U PPH	W PPH	ZN PPH
13555	.1	.04	ND	ND	3	5	.24	.1	1	37	25	.67	.01	.02	133	1	.01	7	.01	9	ND	ND	ND	ND	3	12	6	12
13556	.1	.48	33	ND	24	ND	4.75	.1	51	22	100	8.32	.01	1.92	941	1	.01	65	.13	15	ND	ND	ND	ND	95	ND	ND	86
13557	.1	.36	20	ND	34	ND	4.91	.1	21	16	54	5.51	.01	1.91	1077	ND	.01	40	.16	9	ND	ND	ND	ND	108	ND	ND	88
13558	.1	.19	ND	ND	13	ND	3.31	2.1	ND	16	12	.96	.01	.17	614	ND	.01	7	.01	18	ND	ND	ND	ND	356	ND	ND	103
13559	.1	1.99	ND	ND	53	ND	6.07	2.9	17	27	127	5.03	.01	1.48	898	1	.01	30	.07	180	ND	ND	ND	ND	272	ND	ND	463
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



VANGEOCHEM LAB LIMITED

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(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 870849 AA

JOB NUMBER: 870849

PANICON DEVELOPMENT LTD.

PAGE 1 OF 2

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
15251	.01	.09	.02	.13	<.005
15252	.01	.01	<.01	.06	<.005
15253	.01	.01	<.01	.05	<.005
15254	.01	.02	.01	.16	<.005
15255	<.01	<.01	.01	.09	<.005
15256	<.01	<.01	<.01	.05	<.005
15257	<.01	<.01	<.01	.18	<.005
15260	<.01	<.01	<.01	.11	<.005
15261	<.01	<.01	<.01	.14	<.005
15262	.01	.01	.01	.06	<.005
15263	.01	<.01	.12	.13	<.005
15264	<.01	<.01	.01	.01	<.005
15265	.01	<.01	.07	.10	<.005
15266	<.01	.02	<.01	.13	<.005
15267	<.01	<.01	<.01	.10	<.005
15268	<.01	<.01	.01	.17	<.005
15269	.01	<.01	.01	.12	<.005
15270	<.01	.01	<.01	.32	<.005
15271	<.01	.01	<.01	.09	<.005
15272	.02	.01	<.01	.01	<.005

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

.01

ppm = parts per million

.01

.01

< = less than

.005

signed: _____



VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 870849 AA

JOB NUMBER: 870849

PANICON DEVELOPMENT LTD.

PAGE 2 OF 2

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
15273	<.01	<.01	.01	.05	<.005
KEL-RC-8	<.01	.01	.01	.02	<.005
KEL-RC-9	<.01	<.01	<.01	.04	<.005

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01	.01	.01	.01	.005
1 ppm = 0.0001%	ppm = parts per million	< = less than		

signed: _____

APPENDIX IV

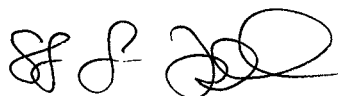
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, STEVE L. TODORUK, of Suite 102, 8675 Fremlin Street, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Geologist in the employment of Pamicon Developments Limited, with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.
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, nor in securities of any company associated with the property, nor do I expect to receive any such interest.
7. THAT I hereby grant permission to Kestrel Resources Ltd. for the use of this report in any prospectus or other documentation required by any regulatory authority.

DATED at Vancouver, B.C., this 22 day of Dec., 1987.



Steve L. Todoruk, Geologist

APPENDIX V

ENGINEER'S CERTIFICATE

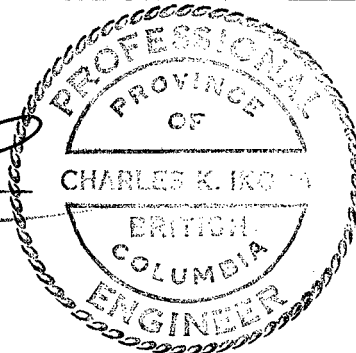
ENGINEER'S CERTIFICATE

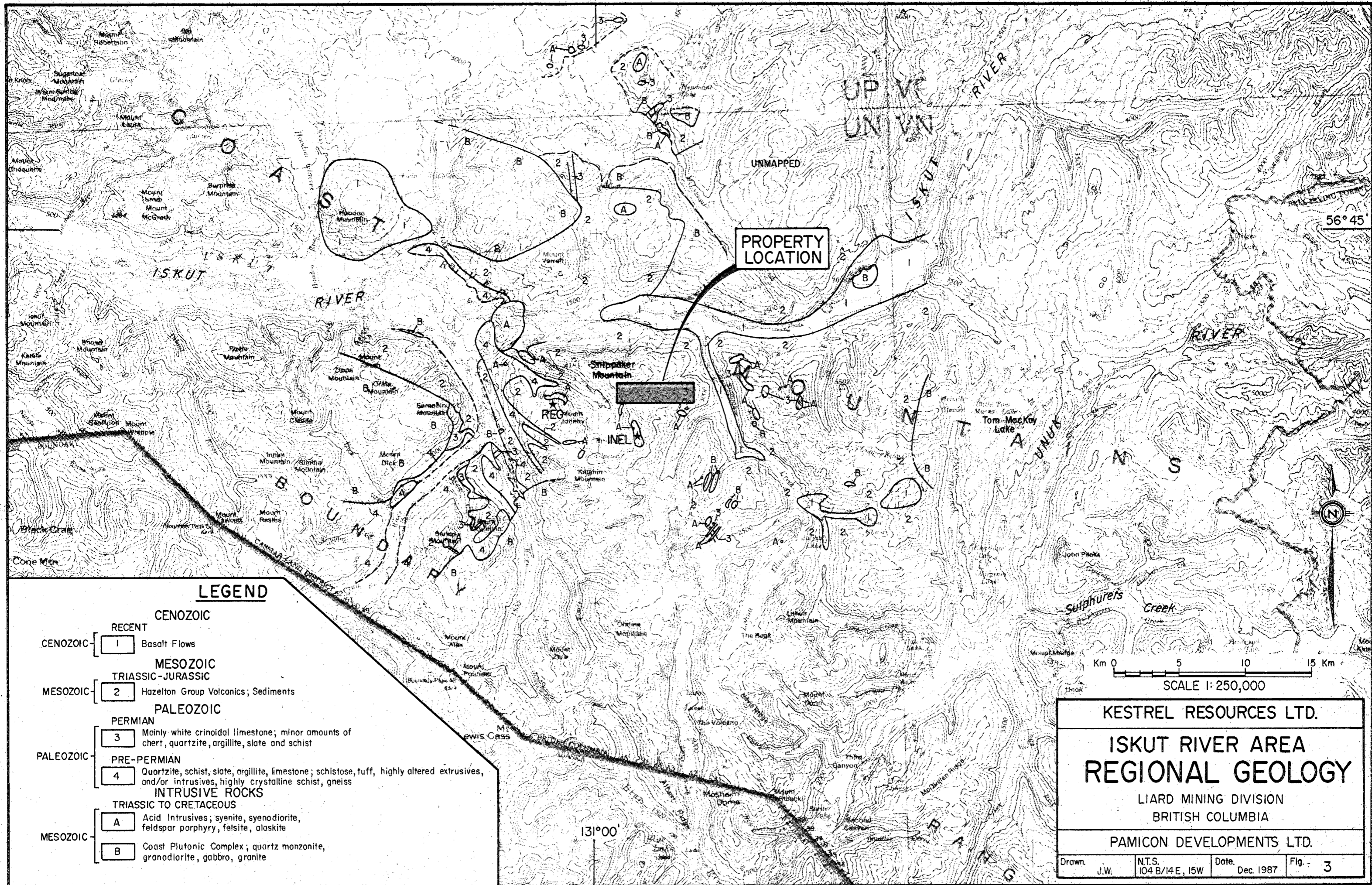
I, CHARLES K. IKONA, of 5 Cowley Court, Port Moody, in the Province of British Columbia, DO HEREBY CERTIFY:

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 a research of all available information surrounding Kestrel Resources Ltd.'s mineral claims compiled by Steve Todoruk, with whom I have worked for two years, and in whom I have every confidence.
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 Kestrel Resources Ltd. of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

DATED at Vancouver, B.C., this 22 day of Dec, 1987.


Charles K. Ikona, P.Eng.

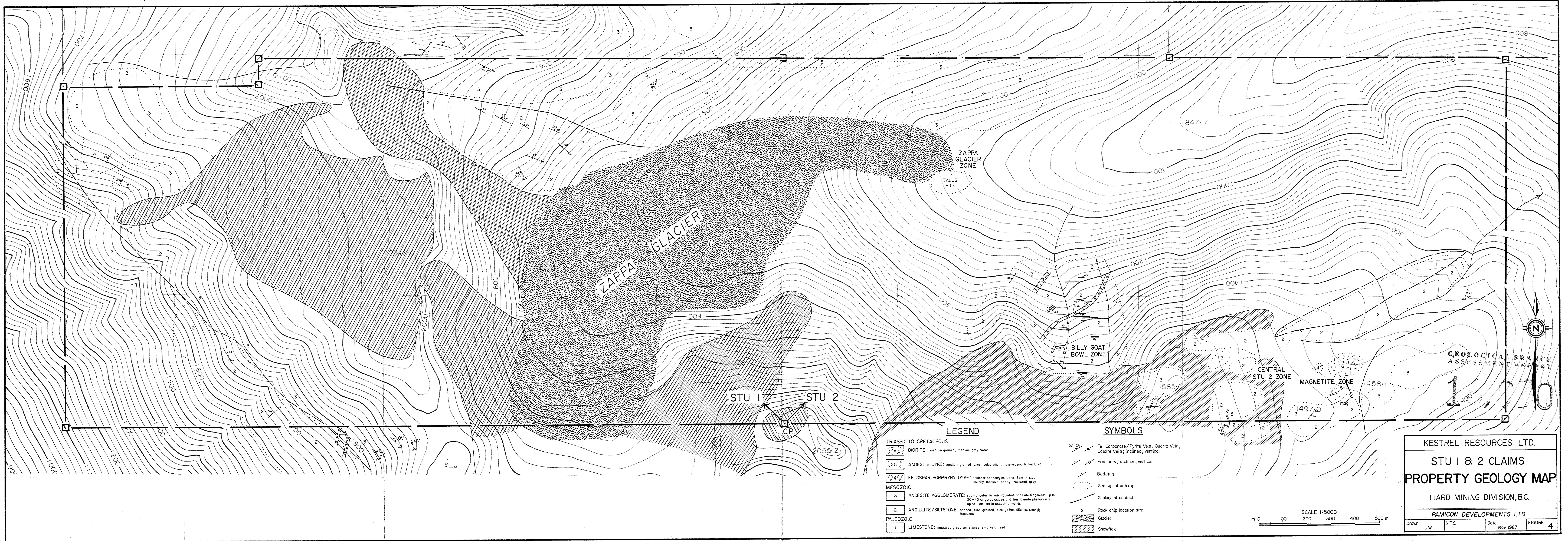


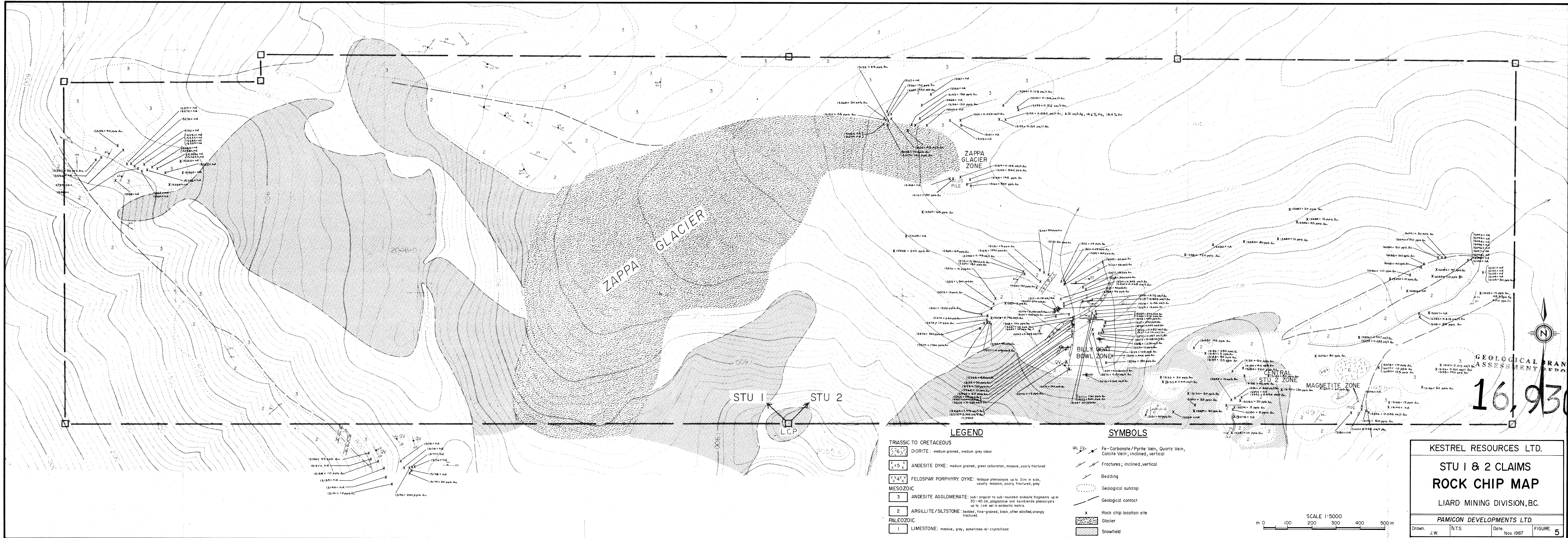


LEGEND

- | | | |
|-----------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| | CENOZOIC | |
| | RECENT | |
| CENOZOIC | 1 | Basalt Flows |
| | MESOZOIC | |
| | TRIASSIC-JURASSIC | |
| MESOZOIC | 2 | Hazelton Group Volcanics; Sediments |
| | PALEOZOIC | |
| | PERMIAN | |
| | 3 | Mainly white crinoidal limestone; minor amounts of chert, quartzite, argillite, slate and schist |
| PALEOZOIC | PRE-PERMIAN | |
| | 4 | Quartzite, schist, slate, argillite, limestone; schistose, tuff, highly altered extrusives, and/or intrusives, highly crystalline schist, gneiss |
| | INTRUSIVE ROCKS | |
| | TRIASSIC TO CRETACEOUS | |
| | A | Acid Intrusives; syenite, syenodiorite, feldspar porphyry, felsite, alaskite |
| MESOZOIC | B | Coast Plutonic Complex; quartz monzonite, granodiorite, gabbro, granite |

KESTREL RESOURCES LTD.			
ISKUT RIVER AREA REGIONAL GEOLOGY			
LIARD MINING DIVISION BRITISH COLUMBIA			
PAMICON DEVELOPMENTS LTD.			
Drawn.	J.W.	N.T.S. 104 B/14E, 15W	Date. Dec. 1987
			Fig. - 3





16,930

KESTREL RESOURCES LTD.

STU 1 & 2 CLAIMS

ROCK CHIP MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn: J.W.	N.T.S.	Date: Nov. 1987	FIGURE: 5
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