ARIS SUMMARY SHEET

District Geologist, Smithers Off Confidential: 89.12.02

ASSESSMENT REPORT 18508 MINING DIVISION: Liard

PROPERTY: Stu 4
LOCATION: LAT 56 40 00 LONG 130 54 00
UTM 09 6281682 383553
NTS 104B10W

CAMP: 050 Stewart Camp

CLAIM(S): Stu 4-5
OPERATOR(S): Hector Res.
AUTHOR(S): Todoruk, S.L.;Ikona, C.K.
REPORT YEAR: 1989, 85 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver
KEYWORDS: Mesozoic,Sediments,Volcanics,Intrusives,Quartz veins,Limonite,Gold
WORK
DONE: Geochemical
ROCK 19 sample(s) ;ME
SOIL 421 sample(s) ;ME
Map(s) - 4; Scale(s) - 1:5000
RELATED
REPORTS: 17128
MINFILE: 104B

GEOLOGICAL REPORT
ON THE
STU 4 & 5 AND NWG 6 & 7 MINERAL CLAIMS

Located in the Iskut River Area
Liard Mining Division
NTS 104B/10W
56°39' North Latitude
130°46' West Longitude

54

- prepared for -

HECTOR RESOURCES INC.

- prepared by -

S.L. TODORUK, Geologist
C.K. IKONA, P.Eng.

February, 1989

GEOLOGICAL REPORT on the STU 4 & 5 and NWG 6 & 7 MINERAL CLAIMS

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GEOLOGICAL REPORT on the STU 4 & 5 and NWG 6 & 7 MINERAL CLAIMS

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1.0 INTRODUCTION

The Stu 4 & 5 and NWG 6 & 7 claims (67 units) are situated within the Liard Mining Division of northwestern British Columbia 10 km east-northeast of Skyline Explorations Ltd.'s Stonehouse Gold deposit and Cominco/Delaware Resource Corp.'s Snip deposit. Skyline reports reserves in all categories as 686,000 tons grading 0.57 oz/ton Au while the Snip deposit hosts in excess of two million tons grading 0.648 oz/ton Au. The Sulphurets Gold Camp (Newhawk/ Lacana, Catear and Western Canadian Mining Corp.) is situated 40 kilometres to the southeast. Calpine Resources Inc./Consolidated Stikine Silver's Eskay Creek gold project is 25 kilometres to the east. Bob Quinn Lake and the Stewart-Cassiar Highway are located 50 kilometres to the northeast.

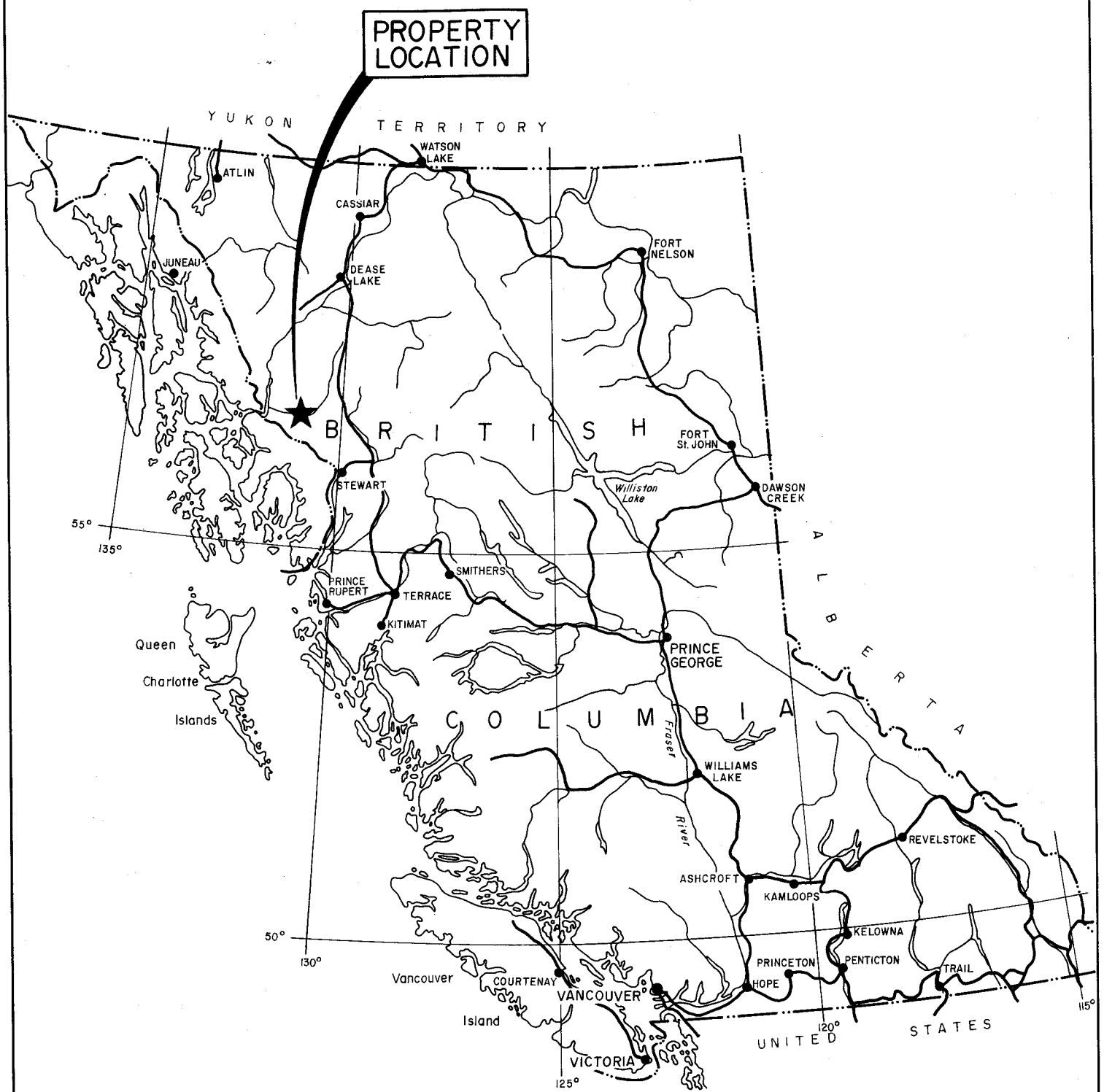
A total of 421 soil samples and 19 rock chip samples were collected from the property in 1988 following up a gold geochemical soil anomaly from the 1987 field season.

To date, soil sampling has identified three anomalous gold geochemical anomalies which may represent one large zone of stockwork quartz veining with significant gold-silver mineralization measuring 500 metres in diameter. Soil values range up to 2,000 ppb gold while quartz veins discovered in this area assay up to 1.695 oz/ton Au.

This report is intended to summarize information available and work carried out on the Hector property and recommends a follow-up work program for the 1989 season.

2.0 LIST OF CLAIMS

Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the Stu 4 & 5 claims are owned by Mr. Ian Hagemoen. Separate documents indicate that these claims are under option to Hector Resources Inc. Hector has a 100% interest in the NWG 6 & 7 claims.



HECTOR RESOURCES INC.

STU 4 & 5, NWG 6 & 7 CLAIMS

PROPERTY LOCATION MAP

0 100 200 MILES

0 100 200 300 KILOMETRES

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date.	FIGURE
J.W.	104 B/10 W.	FEB. 1989	1.

Claim Name	Record Number	No. of Units	Record Date	Expiry Date
Stu 4	3721	7	December 5, 1986	December 5, 1992
Stu 5	3722	20	December 5, 1986	December 5, 1992
NWG 5	4514	20	February 24, 1988	February 24, 1990
NWG 6	4515	20	February 24, 1988	February 24, 1990

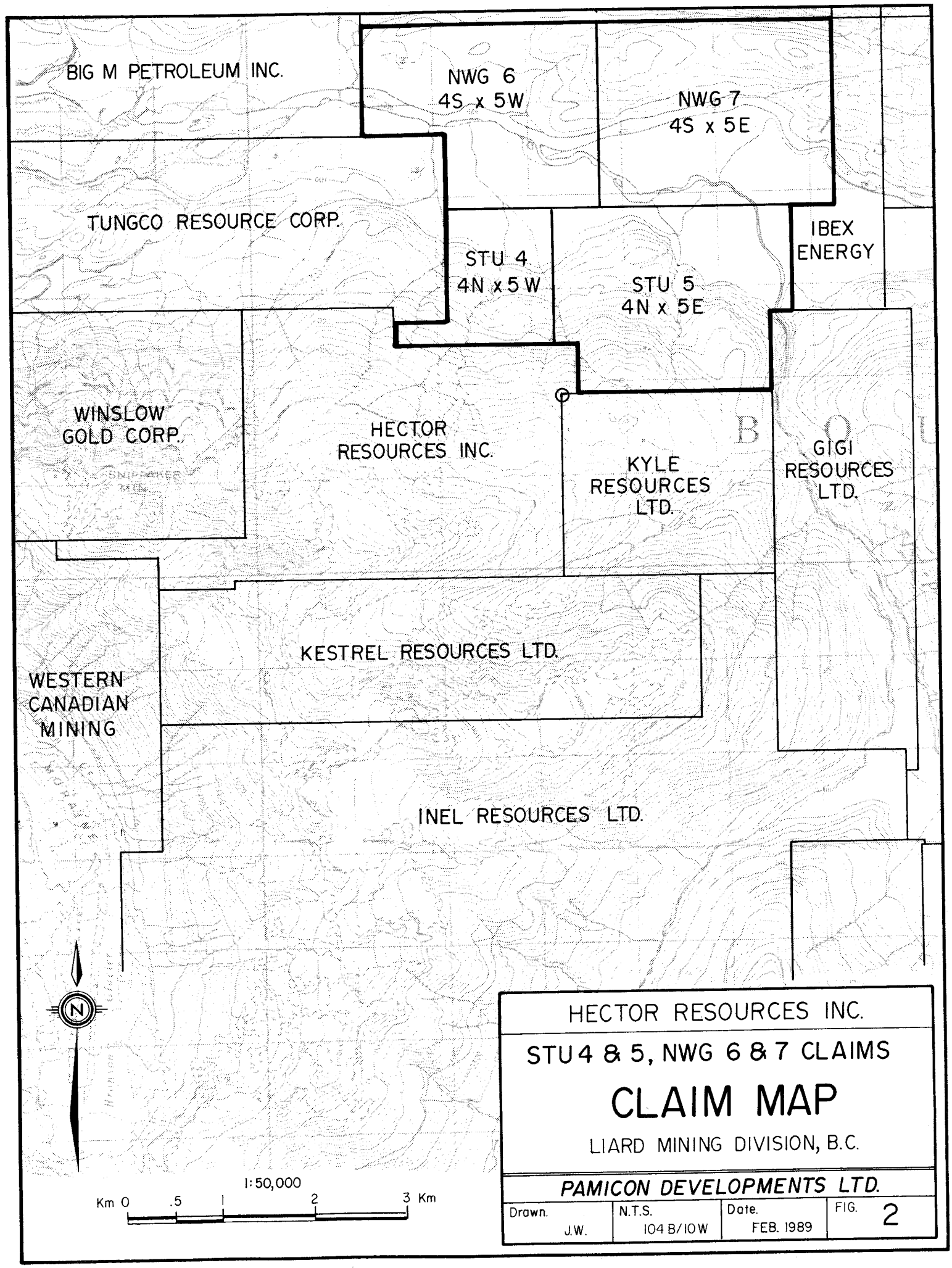
3.0 LOCATION, ACCESS AND GEOGRAPHY

The Stu 4 & 5 and NWG 5 & 6 claims are located approximately 110 kilometres east of Wrangell, Alaska, and 100 kilometres north of Stewart, British Columbia, on the eastern edge of the Coast Range Mountains (Figure 1). Bob Quinn Lake on the Stewart-Cassiar Highway is situated 50 kilometres to the northeast while Bronson airstrip (servicing Cominco/Delaware's Snip deposit and Skyline Exploration's Stonehouse Gold deposit) is 11 kilometres to the west. Coordinates of the claims area are 56°39' north latitude and 130°46' west longitude, within the jurisdiction of the Liard Mining Division.

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

The construction of a road 65 kilometres long has been proposed by C.K. Ikona of Pamicon Developments Ltd. on behalf of Skyline Explorations Ltd. The road would be situated along the south side of the Iskut River to connect the Stewart-Cassiar Highway with the Cominco/Delaware-Skyline gold mines at Bronson Creek. This road, if constucted, would pass through the Hector claims.

Geographically, the claims area is moderately forested below treeline and easily accessible above this elevation. Elevations on the property vary between 200 to 700 metres.



HECTOR RESOURCES INC.

STU 4 & 5, NWG 6 & 7 CLAIMS

CLAIM MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date.	FIG.
J.W.	104 B/10W	FEB. 1989	2

4.0 AREA HISTORY

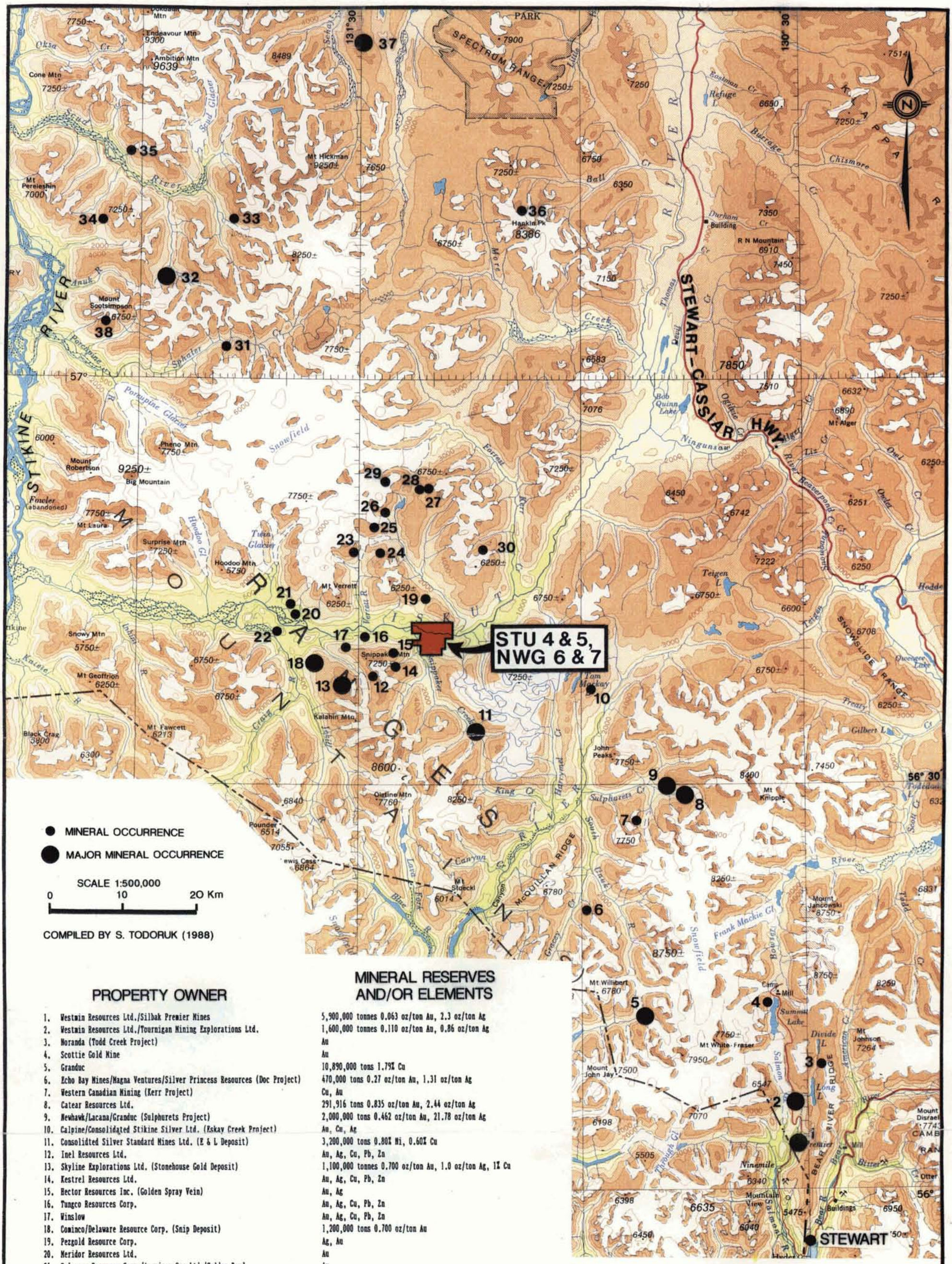
Figure 3 of this report presents a 1:500,000 scale area of northwestern B.C. from Stewart in the south to near Telegraph Creek in the north. This represents some 225 km. Within this area, which has been referred to as the Stikine Arch, mining activity goes back to the turn of the century. Due to the size of the region it historically has been referred to in more specific areas ranging from the Stewart area to Sulphurets, Iskut and Galore Creek. As can be noted in Figure 3, however, all of these individual camps appear to be related to the Stikine Arch as a whole. Recent discoveries appear to be filling in areas between these known mineralized camps. It is probable that the entire area be considered as one large mineralized province with attendant subareas. As Hector's claims are located near the Iskut and Sulphurets-Tom MacKay areas a more detailed history of these areas is presented below.

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 Stonehouse Gold 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 Snippaker Creek. Work



PROPERTY OWNER

		MINERAL RESERVES AND/OR ELEMENTS
1.	Westmin Resources Ltd./Silbak Premier Mines	5,900,000 tonnes 0.063 oz/ton Au, 2.3 oz/ton Ag
2.	Westmin Resources Ltd./Tournigan Mining Explorations Ltd.	1,600,000 tonnes 0.110 oz/ton Au, 0.86 oz/ton Ag
3.	Noranda (Todd Creek Project)	Au
4.	Scottie Gold Mine	Au
5.	Granduc	10,890,000 tons 1.79% Cu
6.	Echo Bay Mines/Magna Ventures/Silver Princess Resources (Doc Project)	470,000 tons 0.27 oz/ton Au, 1.31 oz/ton Ag
7.	Western Canadian Mining (Kerr Project)	Cu, Au
8.	Catear Resources Ltd.	291,916 tons 0.835 oz/ton Au, 2.44 oz/ton Ag
9.	Newhawk/Lacana/Granduc (Sulphurets Project)	2,000,000 tons 0.462 oz/ton Au, 21.78 oz/ton Ag
10.	Calpine/Consolidated Stikine Silver Ltd. (Eskay Creek Project)	Au, Cu, Ag
11.	Consolidted Silver Standard Mines Ltd. (E & L Deposit)	3,200,000 tons 0.80% Ni, 0.60% Cu
12.	Inel Resources Ltd.	Au, Ag, Cu, Pb, Zn
13.	Skyline Explorations Ltd. (Stonehouse Gold Deposit)	1,100,000 tonnes 0.700 oz/ton Au, 1.0 oz/ton Ag, 1% Cu
14.	Kestrel Resources Ltd.	Au, Ag, Cu, Pb, Zn
15.	Hector Resources Inc. (Golden Spray Vein)	Au, Ag
16.	Tungco Resources Corp.	Au, Ag, Cu, Pb, Zn
17.	Winslow	Au, Ag, Cu, Pb, Zn
18.	Cominco/Delaware Resource Corp. (Snip Deposit)	1,200,000 tons 0.700 oz/ton Au
19.	Pezgold Resource Corp.	Ag, Au
20.	Meridor Resources Ltd.	Au
21.	Delaware Resource Corp./American Ore Ltd./Golden Band	Au
22.	Magenta Development Corp./Crest Resources Ltd.	Au, Ag, Cu, Pb
23.	Ticker Tape Resources Ltd. (King Vein)	Au
24.	Pezgold Resource Corp.	Au
25.	Consolidated Sea-Gold Corp.	Au
26.	Gulf International Minerals Ltd. (Northwest Zone)	Au, Ag, Cu
27.	Kerr Claims	Ag, Cu, Au
28.	Pezgold Resource Corp. (Cuba Zone)	Ag, Pb, Zn
29.	Pezgold Resource Corp. (Ken Zone)	Cu, Au
30.	Forrest Project	Au, Ag, Cu
31.	Pass Lake Resources Ltd. (Trek Project)	Cu, Au
32.	Galore Creek	125,000,000 tonnes 1.06% Cu, 0.397 g/t Au, 7.94 g/t Ag
33.	Continental Gold Corp.	Au, Ag, Cu
34.	Bellex Resources Ltd./Sarabat Resources Ltd. (Jack Wilson Project)	Au, Cu
35.	Pass Lake Resources Ltd. (JD Project)	Au, Cu
36.	Lac Minerals (Hankin Peak Project)	Au
37.	Schaft Creek	910,000,000 tonnes 0.30% Cu, 0.020% Mo, 0.113 g/t Au, 0.992 g/t Ag
38.	Paydirt	200,000 tons 0.120 oz/ton Au

Hector Resources Inc.

STU 4 & 5, NWG 6 & 7 MINERAL CLAIMS

Regional Mineral Occurrence Map

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Geologist:	NTS: 103, 104	Date: JAN. 1989	FIGURE: 3

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.

In 1980 Dupont Canada Explorations Ltd. staked the Warrior claims south of Newmont Lake on the basis of a regional stream sediment survey. In 1983, Skyline Explorations Ltd. and Placer Developments Ltd. optioned the Warrior claims from Dupont. Efforts were directed at sampling and extending several narrow quartz-pyrite-chalcopyrite veins with values ranging from 0.1 to 3.0 oz/ton gold. Geophysics and coincident geochemical values indicated a significant strike length to the mineralized structure. The Warrior claims were allowed to lapse in 1986, at which time, Gulf International Minerals Ltd. acquired the McLymont claims covering much the same area.

Assays of interest from recent Gulf drilling are listed below (Gulf International Minerals Ltd., Annual Report, 1988 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

Drill Hole	Interval (feet)	Length (feet)	Copper (%)	Silver (oz/ton)	Gold (oz/ton)
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	8.8	1.99	0.31	0.340
	353.0-363.2	10.2	1.02	0.22	0.288

(average grade = 149.0 feet of 0.207 oz/ton gold)

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. With production commencing in August, 1988 a total of 196,927 lbs copper, 19,329 oz silver and 9,894 oz gold were produced up to the end of 1988. Remaining reserves reported to date in all categories are 686,000 tons grading 0.57 oz/ton gold.

On the Cominco/Delaware Snip claims immediately north of the Stonehouse Gold deposit, approximately 20,000 metres of diamond drilling has been carried out defining the Twin Zone gold deposit. Three thousand metres of underground development work has also been completed as the project readies for production. As of January, 1989, reserves on the Twin Zone were reported as:

	Au (oz)	Tons
Total Inferred	0.648	2,446,000

During 1987, Inel Resources Ltd. commenced an underground drifting and diamond drilling program along the main cross-cut intent on intersecting the Discovery Zone. Mineralization is thought to represent broadly zoned fracture networks and sulphide veins along basalt/sandstone contacts. Underground drilling on the centre section of workings has returned in 88-U-40 a grade of 0.770 oz/ton gold for 13.3 feet. As of November, 1988, 2,471 feet of underground development has been completed in the area of the Discovery Zone.

Western Canadian Mining Corp. in 1987 drilled tested to Khyber Pass massive sulphide showing on their Gossan claims in the Iskut area while in 1988 drilling was carried out on their Kerr project copper-gold porphyry deposit in the Sulphurets camp to the southeast.

Tungco Resources Corporation has drill tested four main gold/copper quartz vein targets; the Bluff, No. 7, Swamp and Gold Bug 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. Drill testing was also carried out near the western edge of the claims on the Boot Zone lead/zinc/copper/silver/gold prospect.

During 1988 Pezgold Resource Corp./International Prism Exploration drill tested the old Newmont Ken Zone magnetite/chalcopyrite/gold skarn zone north of Gulf International Minerals' Northwest Gold Zone. High grade silver-lead-zinc was also found on the eastern side of the property.

In late 1988, Calpine Resources Incorporated/Consolidated Stikine Silver announced several exciting drill holes on their Eskay Creek Project at Tom McKay Lake. Drill hole CA88-6 reported values of 0.730 oz/ton gold across 96.5 feet.

South of Calpine's Eskay Creek Project and in the Sulphurets Gold Camp several properties are quickly moving into production phases as listed below:

Project	Mineral Reserves
Newhawk/Granduc/Lacana Mine	2,000,000 of 0.462 oz/ton Au, 21.78 oz/ton Ag
Catear Resources Ltd. Mine	291,916 of 0.835 oz/ton Au, 2.44 oz/ton Ag
Echo Bay Mines/Magna/ Silver Princess Project	470,000 of 0.270 oz/ton Au, 1.31 oz/ton Ag

Crest Resources Ltd./Magenta Development Corp. also discovered an exciting gold/silver/copper/lead quartz vein in 1988 on the Rob claims in the Skyline area with values in trenches up to 2.567 oz/ton Au across 9.8 feet including 7.394 oz/ton Au across 3.3 feet.

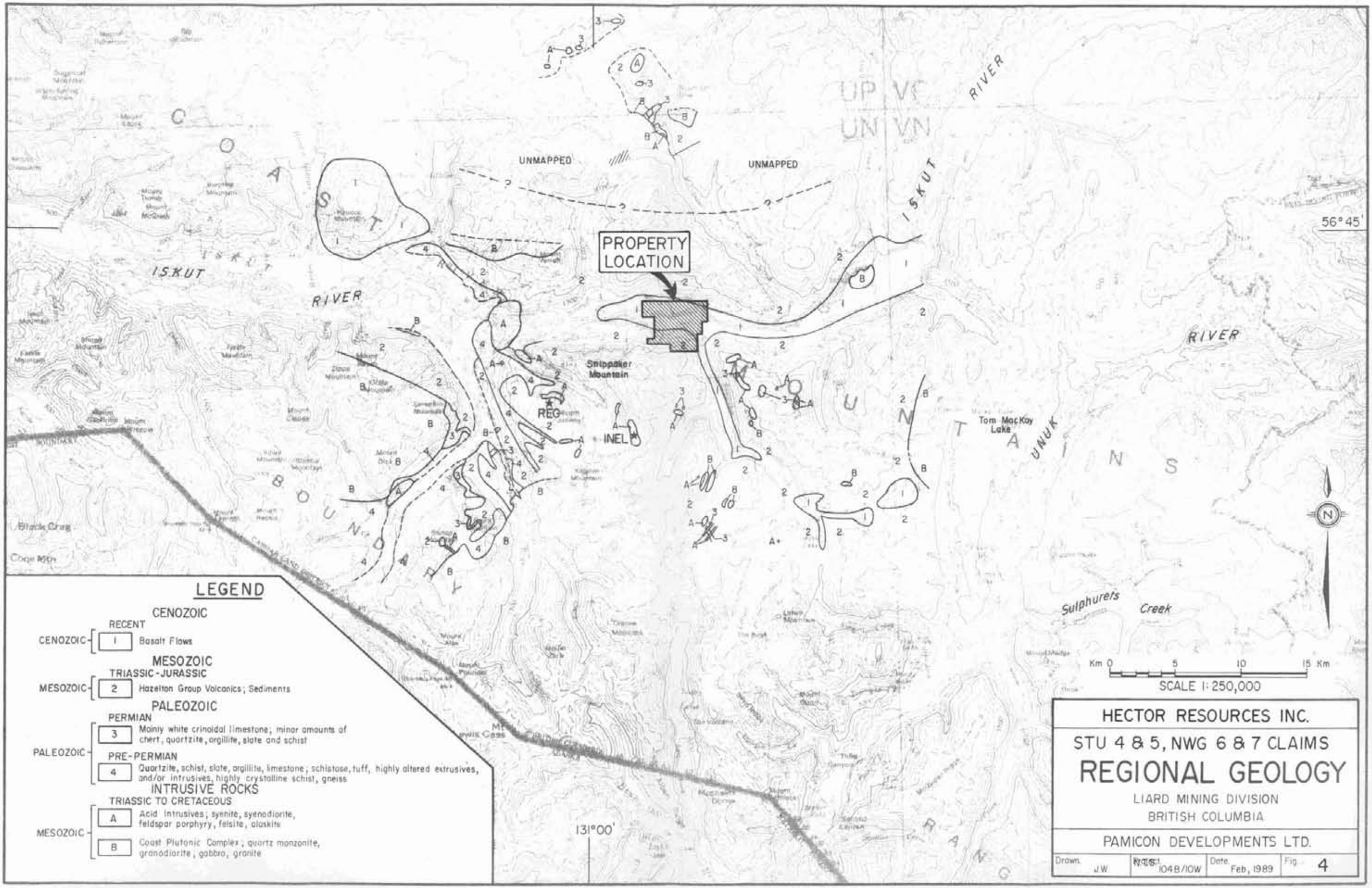
East of the Crest/Magenta property, an American Ore Ltd./Golden Band Resources/Delaware joint venture has discovered a gold zone near the northwestern corner of the Meridor Resource Corp. Iskut 1 & 2 mineral claims which Meridor has also intersected.

5.0 REGIONAL GEOLOGY

The following regional geological interpretation is taken from B.C. Geological Survey Branch publication, in press, Exploration in British Columbia 1987 by D.V. Lafebure and M.H. Gunning (Figure 4).

A northwest-trending belt of Permian to Lower Jurassic volcanic and sedimentary rocks and their metamorphic equivalents trends northward from Alice Arm to Telegraph Creek and forms part of Stikinia. It is bounded to the west by the Coast Complex and is overlapped to the east by the clastic sediments of the Bowser Basin.

The dominant lithologies in the Bronson Creek area are clastic sediments and volcanics with minor carbonate lenses which are intruded by a diverse suite of



LEGEND

CENOZOIC

RECENT

CENOZOIC — 1 — Basalt Flows

MESOZOIC

TRIASSIC-JURASSIC

MESOZOIC — 2 — Hazelton Group Volcanics; Sediments

PALEOZOIC

PERMIAN

PALEOZOIC — 3 — Mainly white crinoidal limestone; minor amounts of chert, quartzite, argillite, slate and schist

PRE-PERMIAN

PALEOZOIC — 4 — Quartzite, schist, slate, argillite, limestone; schistose, tuff, highly altered extrusives, and/or intrusives, highly crystalline schist, gneiss

INTRUSIVE ROCKS

TRIASSIC TO CRETACEOUS

MESOZOIC — A — Acid intrusives; syenite, syenodiorite, feldspar porphyry, felsite, alaskite

MESOZOIC — B — Coast Plutonic Complex; quartz monzonite, granodiorite, gabbro, granite

HECTOR RESOURCES INC.

STU 4 & 5, NWG 6 & 7 CLAIMS

REGIONAL GEOLOGY

LIARD MINING DIVISION

BRITISH COLUMBIA

PAMICON DEVELOPMENTS LTD.

Drawn	Nad.	Date	Fig.
J.W	1048/10W	Feb, 1989	4

intrusive rocks, most commonly granitic and syenitic. The sedimentary rocks are sandstones (typically greywackes), siltstones, shales, argillites, conglomerates and minor limestones. Volcanic rocks vary in composition from mafic to felsic and display a wide variety of igneous, pyroclastic and volcaniclastic textures.

Quaternary and Tertiary volcanics occur at Hoodoo Mountain, along the Iskut River near Forrest Kerr Creek, and in several localities along Snippaker Creek.

Kerr (1948) correlated most of the rocks along Bronson Creek with Triassic volcanics that he had seen farther to the north and northwest. These volcanics consist of intensely folded and sheared tuffs, agglomerates, lavas, rare pillow lavas and bedded sediments. He believed that the volcanics are overlain by Triassic argillites with lenses of limestone. The lower northern and western slopes of Johnny Mountain are underlain by pre-Permian metamorphosed shale, sandstone and limestone.

Exploration geologists have defined stratigraphic columns for specific properties (Birkeland and Gifford, 1972; Sevensma, 1981) and for the area as a whole (Parsons, 1965; Bending, 1983). Bending defined a stratigraphic column with black argillite conformably overlain by banded siltstone which underlies a green volcanic unit composed principally of intermediate to felsic rocks. The green volcanic unit has an irregular upper contact with the "Upper Tuffaceous Sedimentary Unit," a sequence of limestones, tuffaceous sandstones, argillites and siltstones with lenses of conglomerate near the upper contact. At the top of Bending's sequence is hornblende-biotite andesite tuff and subordinate breccia. Based on descriptions by Kerr (1930, 1948), Bending correlated the basal argillite and siltstone with the upper Paleozoic, the green volcanic unit with the Triassic and the upper tuffaceous sediments with the lower Jurassic. Fossils collected from 350 metres southwest of Snippaker Peak have been determined as Lower Jurassic, probably Toarcian age, by H.W. Tipper of the Geological Survey of Canada (Graf, 1985).

Grove (1986b) subdivided the sedimentary and volcanic rocks on the top of Mount Johnny into the Unuk River and Betty Creek formations of the Hazelton Group, based on correlations with his work to the east.

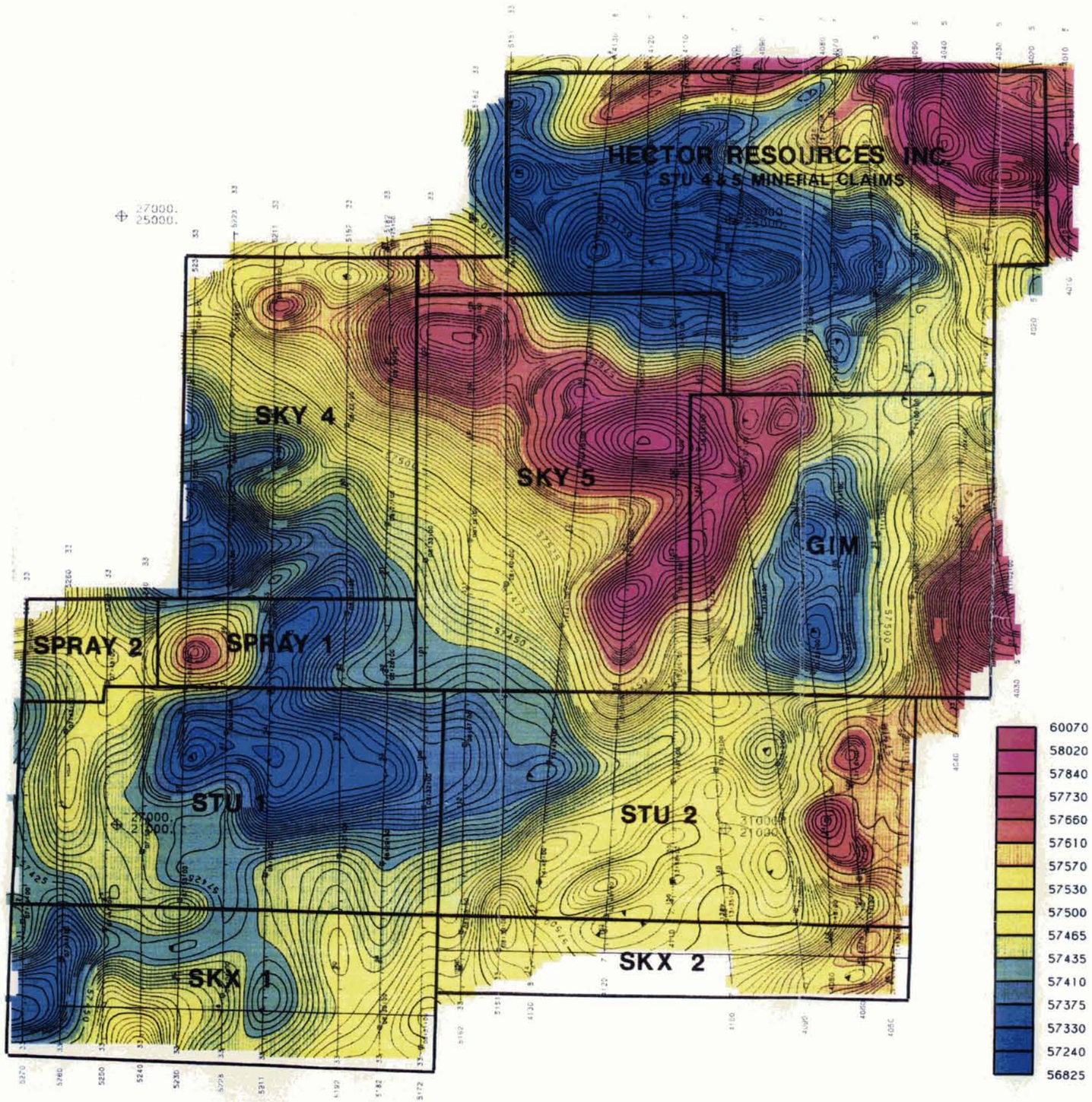
6.0 PROPERTY GEOLOGY

Minimal geological mapping was carried out on the property in 1988. Based on knowledge of surrounding properties and brief property mapping it is inferred that the subject claims are predominantly underlain by Mesozoic sedimentary and volcanic rocks which in turn are intruded by younger dioritic intrusive complexes. Diorite is known to occur in several locations within a large gold soil anomaly found on the Stu 4 claim block.

7.0 AIRBORNE GEOPHYSICS

An airborne geophysical survey was carried out between November, 1987 and June, 1988 on behalf of Pamicon Developments Ltd. in the Iskut River area of northwestern B.C. Magnetic-electromagnetic-VLF surveys were flown over Hector Resources' Stu 4 & 5 and NWG 6 & 7 mineral claims (Figure 5).

A large magnetic low along the south side of the Iskut River suggests the claims are predominantly underlain by sedimentary rocks. Immediately north of this low, primarily on the NWG 6 & 7 claims, a large body of Coast Range intrusive (diorite) is inferred from strong magnetic features. Along the southern boundary of the Stu 4 & 5 claims a magnetic high suggests the presence of a smaller intrusive which is believed to be a magnetite-rich hornblende porphyry. This intrusive has not been verified on the subject property but on claims located immediately to the south (held in a Hector Resources/Skyline Explorations joint venture) this intrusive has been intersected in diamond drilling and in close proximity to known gold mineralization. Also unverified is the possibility that this magnetic high is in some way related to widespread gold soil values over an area some 550 to 600 metres



N

Magnetics

Total Field Magnetic Intensity Contours in nT.

Cesium high sensitivity magnetometer.

Colours distributed on an equal area basis.

Sensor elevation 45m

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 250m

EM Anomalies

Conductivity Thickness (mhos)

- 0 - 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 15
- 15 - 30
- > 30

EM Anomaly A, 4600 Hz inphase amplitude 7 ppm. Conductivity thickness 1-2 mhos (see code).

FIG. 5

HECTOR RESOURCES INC.

STU 4 & 5 MINERAL CLAIMS

PAMICON DEVELOPMENTS LTD.

TOTAL FIELD MAGNETICS CONTOURS AND COLOURS

AREA 3

ISKUT RIVER, B.C.

SCALE 1:30,000

0 660 1320 2640 5280 feet

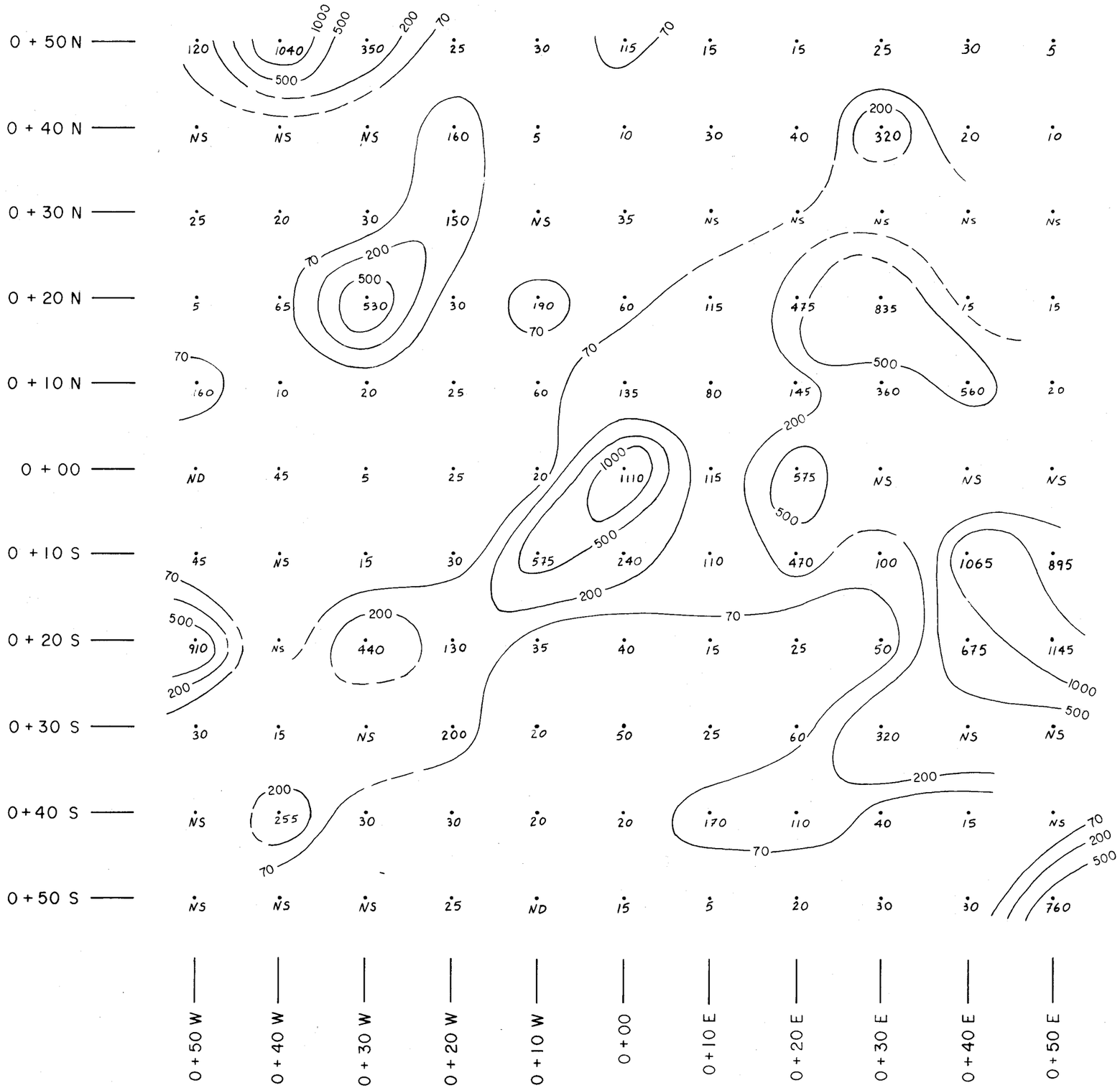
0 200 400 1600 2 Kilometres

AERODAT LIMITED

DATE: MAY 88

NTS No: 104B

MAP No: 4 J87100



CONTOUR INTERVALS

> 70 ppb Au = Threshold (anomalous)
> 200 ppb Au
> 500 ppb Au
> 1000 ppb Au

1:500

m 0 5 10 20 30 m

HECTOR RESOURCES INC.

STU 4 & 5 MINERAL CLAIMS

DETAILED GRID AREA-STU 4

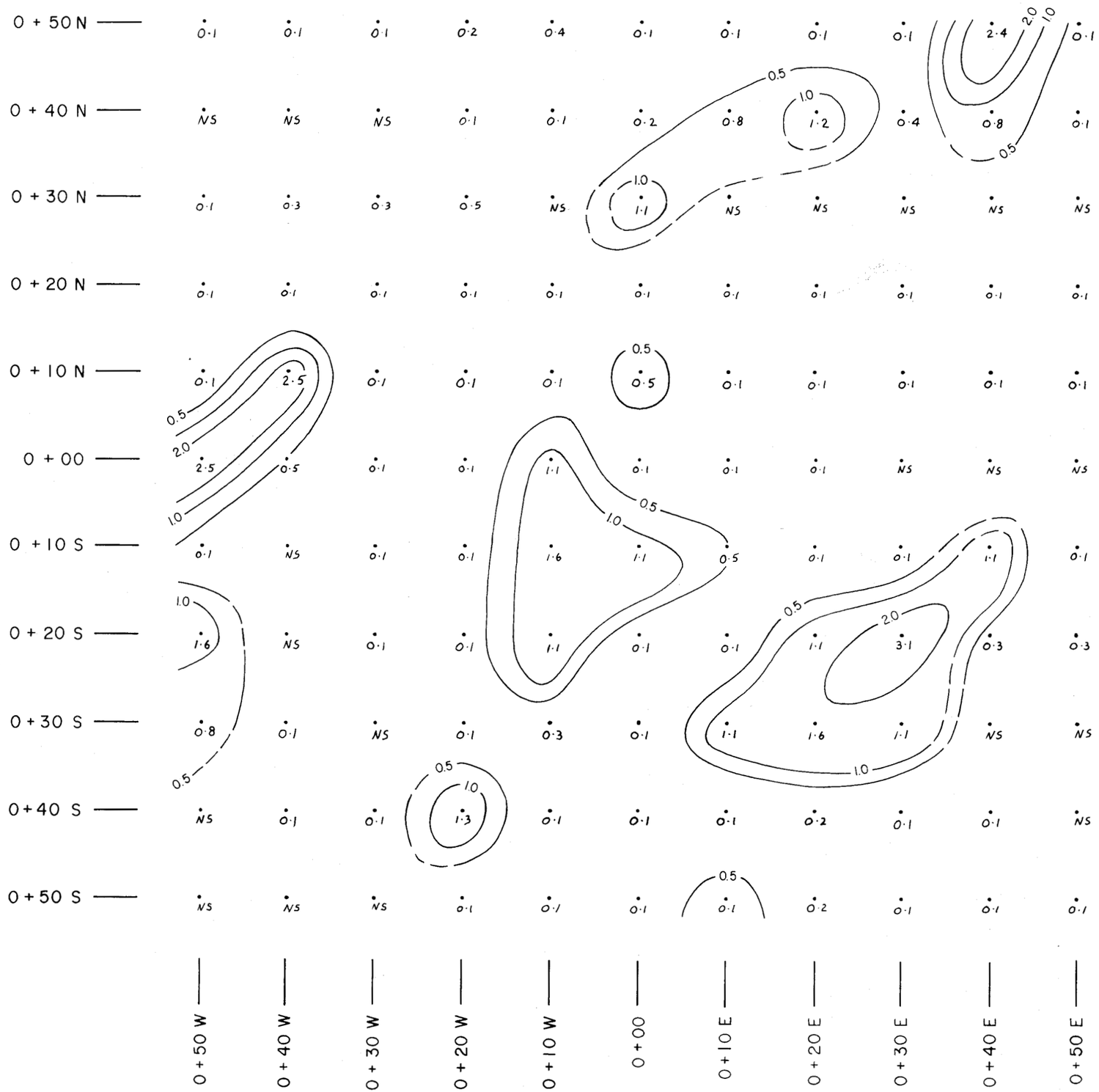
1988 SOIL GEOCHEM

(Au ppb)

LIARD MINING DIVISION, B. C.

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date.	FIGURE.
J.W.	104B/10W	FEB. 1989	7



CONTOUR INTERVALS

>2.3 ppm Ag = Threshold (Anomalous)

1:500

m 0 5 10 20 30 m

HECTOR RESOURCES INC.

STU 4 & 5 MINERAL CLAIMS

DETAILED GRID AREA-STU 4

1988 SOIL GEOCHEM

(Ag ppm)

LIARD MINING DIVISION, B. C.

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date.	FIGURE.
J.W.	104B/10W	FEB. 1989	8

	0+50 W	0+40 W	0+30 W	0+20 W	0+10 W	0+00	0+10 E	0+20 E	0+30 E	0+40 E	0+50 E
0+50 N	35	130	55	51	63	37	37	42	36	33	27
0+40 N	NS	NS	NS	26	35	43	37	37	34	47	41
0+30 N	22	18	27	24	NS	29	NS	NS	NS	NS	NS
0+20 N	19	26	49	30	84	40	55	55	62	70	21
0+10 N	13	26	25	68	151	41	41	89	73	52	54
0+00	47	61	37	34	29	158	29	42	NS	NS	NS
0+10 S	9	NS	41	31	130	56	59	56	127	62	51
0+20 S	29	NS	13	68	33	30	28	27	33	134	103
0+30 S	48	34	NS	156	27	39	38	35	47	NS	NS
0+40 S	NS	27	59	39	31	25	66	46	27	17	NS
0+50 S	NS	NS	NS	30	43	28	35	50	34	27	104

1:500

m 0 5 10 20 30 m

HECTOR RESOURCES INC.

STU 4 & 5 MINERAL CLAIMS

DETAILED GRID AREA-STU 4

1988 SOIL GEOCHEM

(Cu ppm)

LIARD MINING DIVISION, B. C.

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date.	FIGURE.
J.W.	104B/10W	FEB. 1989	9

0 + 50 N	300	99	109	131	70	105	157	114	149	271	89
0 + 40 N	NS	NS	NS	258	149	90	174	144	121	150	67
0 + 30 N	140	112	311	228	NS	111	NS	NS	NS	NS	NS
0 + 20 N	124	138	151	231	159	215	173	210	215	221	76
0 + 10 N	33	149	200	142	347	101	110	141	278	113	113
0 + 00	89	184	153	174	115	153	62	78	NS	NS	NS
0 + 10 S	47	NS	164	116	187	111	145	116	153	125	142
0 + 20 S	67	NS	30	78	198	52	63	126	98	139	161
0 + 30 S	184	111	NS	92	126	172	87	172	58	NS	NS
0 + 40 S	NS	95	278	218	125	182	96	80	88	50	NS
0 + 50 S	NS	NS	NS	129	228	62	139	198	66	146	83
	0 + 50 W	0 + 40 W	0 + 30 W	0 + 20 W	0 + 10 W	0 + 00	0 + 10 E	0 + 20 E	0 + 30 E	0 + 40 E	0 + 50 E

1:500

m 0 5 10 20 30 m

HECTOR RESOURCES INC.

STU 4 & 5 MINERAL CLAIMS

DETAILED GRID AREA-STU 4

1988 SOIL GEOCHEM

(Zn ppm)

LIARD MINING DIVISION, B. C.

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date.	FIGURE.
J.W.	104B/10W	FEB. 1989	10

in diameter on the Stu 4 claim. High-grade gold mineralization has recently been discovered within this soil anomaly but is as yet not fully understood.

There were no VLF bedrock conductors intercepted on the Stu 4 & 5 and NWG 6 & 7 claims with flight lines flown at 250 metre spaced intervals.

Reference may be made to R.J. de Carle's REPORT ON A COMBINED HELICOPTER-BORNE MAGNETIC, ELECTROMAGNETIC AND VLF SURVEY, ISKUT RIVER AREA, September 23, 1988.

Soil samples taken with a hoe at a depth of about 15 cm from the "B" horizon which is poorly developed in alpine terrain T.K.

8.0 GEOCHEMISTRY AND MINERALIZATION

The emphasis of the 1988 field exploration program on the Hector Stu 4 & 5 property was aimed at following up gold soil anomalies located on two separate contour soil traverse lines ran in 1987 on the Stu 4 claim. In this area, anomalous soil values ranged from 70 to 520 ppb Au. Investigation of the 520 ppb Au soil hole identified pyrite quartz veining talus material which was subsequently found in situ approximately 15 metres uphill (Figure 6). Rock chip samples of this material assayed as follows:

Sample Number	Gold (oz/ton)
22201	0.117
22202	0.219

Detailed contour and grid soil sampling was then undertaken in this area as is presented in Figures 7 to 10. Figure 7 presents a 10 metre spaced grid around the 1987 520 ppb Au soil sample station and clearly indicates an anomalous area measuring at least 80 x 100 metres with gold values ranging up to 1,110 ppb Au.

Approximately 150 metres higher in elevation from the above mentioned zone several additional geochemical samples also returned very encouraging assays

with spot high values of 160, 300, 780, 1,180, 1,400 and 2,000 ppb Au (Figure 11). Continued fill-in sampling may connect these values with the well defined anomaly located lower downslope where mineralization has been discovered.

Approximately 300 to 400 metres west of the above two geochemical anomalies is a third gold anomaly (Figure 11). Here, an area measuring approximately 100 metres in diameter may again be expressing part of the same geochemical feature. Anomalous assay values in this area range from 190 to 1,020 ppb Au. Brief follow-up prospecting near some of these anomalous soil values resulted in the discovery of several limonitic quartz veins varying in size from 10 to 30 cm (Figure 6). Assay values from these veins are listed below:

Sample Number	Silver (ppm)	Gold (oz/ton)
33415	17.4	0.490
22205	13.7	0.467
22208	66.4	1.695
22209	8.8	0.162
22210	16.4	0.871
22214	8.2	1.668
22215	16.9	1.406

Silver value soil plots indicate slightly anomalous areas near the gold highs on the Stu 4 while copper was generally low (Figures 12 and 13).

9.0 DISCUSSION AND CONCLUSIONS

During the 1988 field season, emphasis was placed on following up a gold geochemical anomaly discovered in 1987 on Hector's Stu 4 mineral claim. In the 1987 program soil values up to 520 ppb Au were reported. In 1988, investigation led to the discovery of mineralized quartz-pyrite veining yielding assay values up to 0.219 oz/ton Au. Detailed soil grid work in this

area has identified an anomalous zone measuring at least 80 x 100 metres with soil values ranging up to 1,110 ppb Au. Outcrop exposure is extremely limited in this area.

Two additional areas of geochemically anomalous gold values were also located in 1988. Approximately 150 metres uphill in elevation from the 1987 discovery area several spot high soil samples ranged in values up to 2,000 ppb Au. 300 to 400 metres to the west a third anomaly measuring 100 metres in diameter included soil values up to 1,020 ppb Au. In this area quartz veins 10 to 30 cm wide returned sample values up to 1.695 oz/ton Au and 66.4 ppm Ag.

From work done to date on the Hector Stu 4 & 5 and NWG 6 & 7 claims, soil sampling combined with follow-up prospecting has discovered an area of anomalous gold in soils possibly measuring up to 600 metres in diameter. Soil geochemical assay values obtained within this area are of an extremely anomalous nature by Iskut River Area standards. Quartz veining discovered late in the field season has returned extremely encouraging results with values greater than one ounce gold per ton.

Initial interpretation of field data and investigations to date of the Hector property suggests the presence of a gold-silver quartz vein stockwork system possibly measuring up to 500 metres in diameter. Continued soil sampling on a cut line grid, prospecting, geological mapping and geophysical surveying are recommended to gain a better understanding of the property's potential. For the 1989 field season, $150,000 should be made available for a Phase I program to carry out the above mentioned work. An additional $150,000 should be made accessible contingent upon favorable results for a modest trenching and drill testing program.

A more detailed cost estimate for the Phase I recommended program is outlined below.

9.1 RECOMMENDED BUDGET

Wages		
Senior Geologist - 10 days @ $400	$ 4,000	
Field Geologist - 21 days @ $300	6,300	
Prospectors - 15 days @ $265	8,400	
Samplers - 2 x 21 days @ $200	3,975	
		$ 22,675
Line Cutting - 25 km @ $1,200		30,000
Geophysics - 2 x 10 days @ $375		7,500
Room and Board		
Geophysics - 20 man days		
Line Cutters - 100 man days		
Field Crew - 88 man days		
208 man days @ $105		21,840
Assays		
800 soil samples @ $15.50	$12,400	
150 rock chip samples @ $17.50	2,625	
		15,025
Freight		2,500
Travel and Accommodation		5,000
Communication		2,000
Fixed Wing		5,000
Helicopter - 27 hours @ $625		17,000
Trenching Supplies		2,000
Equipment Rentals		6,240
Report		3,000
Contingency @ 10%		13,978
Management Fee		14,036
Total		$167,794

Respectfully submitted,

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA CHARLES K. IKONA

Steve Todoruk, Geologist

Charles K. Ikona, P.Eng.

APPENDIX I

BIBLIOGRAPHY

BIBLIOGRAPHY

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APPENDIX II

COST STATEMENT

COST STATEMENT

STU 4 & 5 AND NWG 6 & 7 MINERAL CLAIMS

LIARD MINING DIVISION

JULY 5 TO NOVEMBER 30, 1988

WAGES		
Field Geologist - 2 days @ $250	$ 500.00	
Samplers - 7.5 days @ $200	1,500.00	
Geophysical Crew - 8.25 days @ $300	2,475.00	
Field Support Crew	810.58	
		$ 5,285.58
EXPENSES		
Man Day Camp Support Costs		2,388.75
Equipment and Supplies		568.75
Travel and Accommodation		169.45
Communication and Telephone		76.84
Freight		56.34
Assays		4,438.00
Fixed Wing		471.79
Helicopter		2,161.36
Project Supervision		998.35
		$ 16,614.86

APPENDIX III

LEPELTIER SOIL GEOCHEMISTRY STATISTICS

Hector Resources Inc. 1987+1988 soils — Jan 1989
Stu 4+5 and NWG 6+7 claims

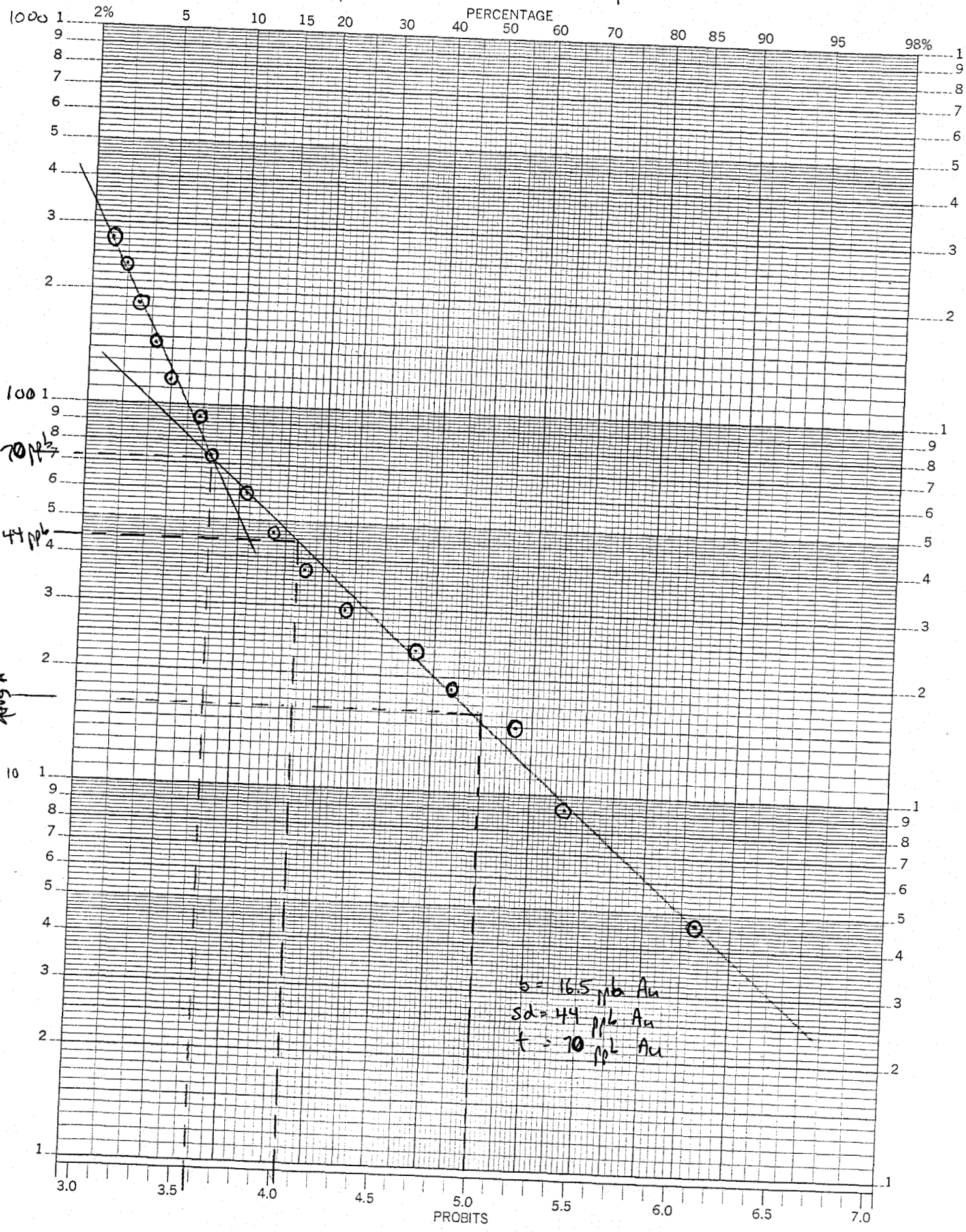
Lepeltier Soil Data Statistics

Project: Hec - Stu		Metal: Au ppb	Type:	
Lower Class Limit	Frequency	Cumulative Frequency	Cumulative %	Calculations
1.17				
1.48				
1.86				
2.24				
2.95				
3.72				
4.67	77	77	86.6	
5.89				
7.41				
9.33	117	194	66.3	
11.75				
14.79	55	249	56.8	
18.62	75	324	43.8	
23.43	43	367	36.3	
29.51	75	442	23.3	
37.15	32	474	17.7	
46.77	25	499	13.4	
58.89	16	515	10.6	
74.13	16	531	7.8	
93.32	6	537	6.8	
117.49	10	547	5.0	
147.91	5	552	4.2	
186.21	4	556	3.5	
234.42	3	559	3.0	
295.12	2	561	2.6	
371.53	0			
467.74	6	567	1.6	
588.84	1	568	1.4	
741.31	1	569	1.2	
933.25	2	571	0.9	
1174.89	2	573	0.5	
1479.11	2	575	0.2	
1862.09	1	576	0.0	
2344.22				
2951.21				
3715.35				

Hec - Stu 1987+1988 samples (Au)

Jan. 1989

Lepeltier Statistical Analysis



46 8082

PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

1987 + 1988

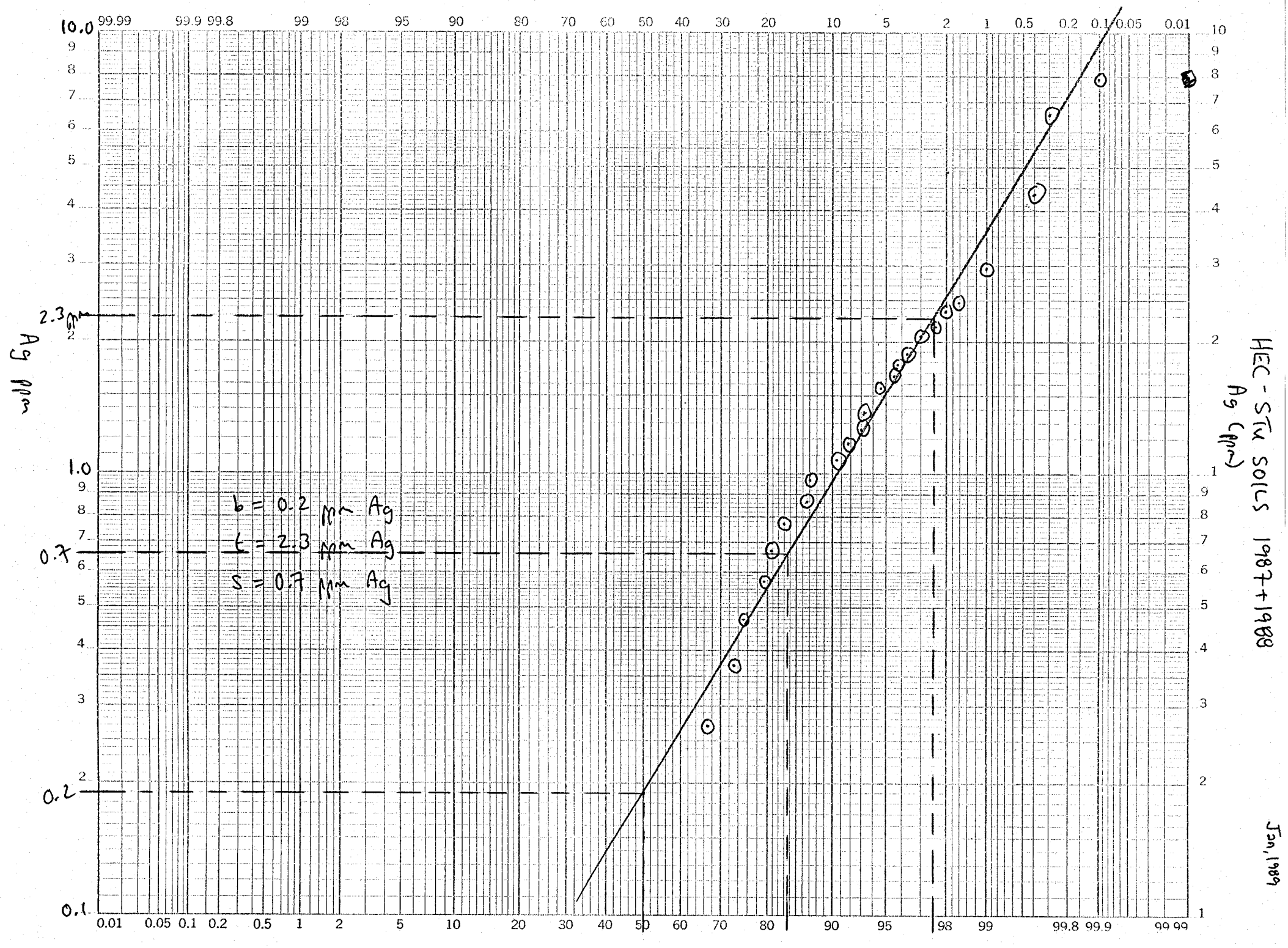
Project HEC - STU		Metal Ag		Type ppm
Lower class limit	Frequency	Cummulative Frequency	Cummulative %	calculations
-0.13				
-0.03	428	428	38.8%	
0.27	38	466	33.3	
0.37	44	510	27.0	
0.47	16	526	24.7	
0.57	29	555	20.6	
0.67	14	569	18.6	
0.77	29	598	14.4	
0.87	8	606	13.3	
0.97	1	607	13.2	
1.07	24	631	9.7	
1.17	10	641	8.3	
1.27	9	650	7.0	
1.37	—	—	—	
1.47	1	651	6.9	
1.57	11	662	5.3	
1.67	4	666	4.7	
1.77	3	669	4.3	
1.87	4	673	3.7	
1.97	—	—	—	
2.07	5	678	3.0	
2.17	4	682	2.4	
2.27	—	—	—	
2.37	3	685	2.0	
2.47	3	688	1.6	
2.57	—	—	—	
2.67	1	689	1.4	
2.77	1	690	1.3	
2.87	—	—	—	
2.97	2	692	1.0	

1987 + 1988 SOILS

Project HEC-SFU	Metal Ag	Type MM

Lower class limit	Frequency	Cummulative Frequency	Cummulative %	calculations
3.07	–	–	–	
3.17	–	–	–	
3.27	1	693	0.9 %	
3.37	–	–	–	
3.47	–	–	–	
3.57	1	694	0.7	
3.67	–	–	–	
3.77	–	–	–	
3.87	–	–	–	
3.97	–	–	–	
4.07	–	–	–	
4.17	–	–	–	
4.27	–	–	–	
4.37	2	696	0.4	
4.47	–	–	–	
6.27	1	697	0.3	
7.97	1	698	0.1	
15.77	1	699	0.0	

46 8043



APPENDIX IV

ASSAY CERTIFICATES

VGC

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

December 23, 1987

TO: Steve Todoruk
PAMICON DEVELOPMENTS
711 - 675 W. Hastings St.
Vancouver, B.C. V6B 1N4

FROM: Vangeochem Lab Limited
1521 Pemberton Avenue
North Vancouver, British Columbia
V7P 2S3

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.

VGC

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

(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. Eddie Tang and his laboratory staff.

for

Eddie Tang
VANGEOCHEM LAB LIMITED

VGC

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

December 23, 1987

TO: Steve Todoruk
PAMICON DEVELOPMENTS
711 - 675 W. Hastings St.
Vancouver, B.C. V6B 1N4

FROM: Vangeochem Lab Limited
1521 Pemberton Avenue
North Vancouver, British Columbia
V7P 2S3

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".

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

VGC

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(604) 251-5656

(d) The gold bead is retained for subsequent measurement.

3. Method of Detection

(a) The gold bead is dissolved by boiling with aqua regia solution, then diluted with deionized water to 10 mls volume.

(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. Conway Chun or Mr. David Chiu and his laboratory staff.

David Chiu
VANGEOCHEM LAB LIMITED

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VANGEOCHEM LAB LIMITED

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December 23, 1987

TO: Steve Todoruk
PAMICON DEVELOPMENTS
711 - 675 W. Hastings St.
Vancouver, B.C. V6B 1N4

FROM: Vangeochem Lab Limited
1521 Pemberton Avenue
North Vancouver, British Columbia
V7P 2S3

SUBJECT: Analytical procedure used to determine hot acid soluble for 28 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 dimineralized water and thoroughly mixed.

VGC

VANGEOCHEM LAB LIMITED

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BRANCH OFFICE
1630 PANDORA ST.
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(604) 251-5656

3. Method of Analyses

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

4. Analysts

The analyses were supervised or determined by either Mr. Eddie Tang, and, the laboratory staff.

Eddie Tang
VANGEOCHEM LAB LIMITED

VANGEOCHEM LAB LIMITED

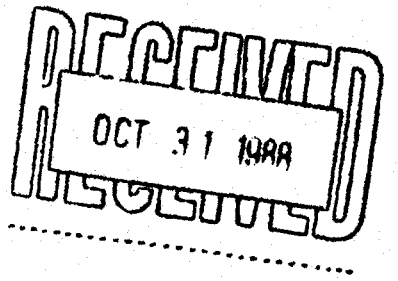
MAIN OFFICE AND LABORATORY
1988 Triumph Street
Vancouver, B.C. V5L 1K5
(604)251-5656 FAX:254-5717

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

REPORT NUMBER: 881576 GA JOB NUMBER: 881576 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
L240/0+00	20
L240/0+25	70
L240/0+75	50
L240/1+00	40
L240/1+25	30
L240/1+50	30
L240/1+75	50
L240/2+25	20
L240/2+50	15
L240/2+75	30
L240/3+00	50
L240/3+25	30
L240/3+50	140
L240/3+75	50
L240/4+00	25
L240/4+25	25
L240/4+50	40
L240/4+75	15
L240/5+00	35

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



VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH:(604)251-5656 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 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: S TODORUK
PROJECT: HEC-STU

REPORT#: 881576 PA
JOB#: 881576
INVOICE#: 881576 NA

DATE RECEIVED: 88/10/05
DATE COMPLETED: 88/10/27
COPY SENT TO:

ANALYST

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
L240/0+00	.4	3.97	30	ND	111	ND	.05	1.1	16	20	30	4.26	.16	.35	552	4	.05	38	.02	95	ND	ND	ND	7	4	ND	ND	238
L240/0+25	.2	2.34	14	ND	35	ND	.04	1.2	5	24	30	5.55	.20	.19	197	4	.02	12	.04	73	ND	ND	ND	7	6	ND	ND	92
L240/0+75	.2	4.33	27	ND	58	ND	.02	.7	7	28	25	3.81	.14	.34	235	4	.02	24	.04	94	ND	ND	ND	6	5	ND	ND	169
L240/1+00	.2	3.24	23	ND	55	ND	.03	1.2	6	27	25	4.01	.15	.28	204	4	.02	18	.04	80	ND	ND	ND	6	7	ND	ND	139
L240/1+25	.3	5.67	25	ND	59	ND	.02	1.1	7	17	22	4.88	.18	.13	284	7	.03	16	.05	115	ND	ND	4	7	2	ND	ND	206
L240/1+50	.1	3.77	10	ND	83	ND	.03	1.9	5	49	25	6.69	.24	.24	168	5	.03	14	.03	93	ND	ND	ND	6	9	ND	ND	116
L240/1+75	.1	3.90	20	ND	80	ND	.07	1.1	8	56	37	3.93	.15	.58	211	3	.02	45	.06	78	ND	ND	ND	3	8	ND	ND	136
L240/2+25	.2	5.15	23	ND	35	ND	.01	1.5	6	36	36	5.86	.21	.08	118	5	.02	7	.05	115	ND	ND	ND	11	2	ND	ND	94
L240/2+50	.3	5.24	23	ND	67	ND	.03	1.1	7	40	30	4.09	.15	.39	217	4	.02	30	.04	104	ND	ND	ND	6	5	ND	ND	190
L240/2+75	.1	3.11	12	ND	68	ND	.01	1.5	4	42	23	5.61	.20	.19	116	3	.02	12	.03	72	ND	ND	ND	3	6	ND	ND	72
L240/3+00	.1	3.65	18	ND	253	ND	.26	.8	9	27	31	3.94	.18	.29	2110	5	.03	24	.09	82	ND	ND	ND	6	14	ND	ND	193
L240/3+25	.2	1.82	11	ND	55	3	.03	1.5	8	25	39	6.31	.23	.13	138	4	.02	6	.04	54	ND	ND	ND	10	7	ND	ND	53
L240/3+50	.2	4.95	27	ND	62	ND	.03	.7	8	40	28	3.83	.14	.61	269	4	.02	38	.03	99	ND	ND	ND	5	7	ND	ND	147
L240/3+75	.3	2.22	6	ND	46	3	.04	1.7	7	27	43	8.06	.29	.16	143	6	.03	8	.07	87	ND	ND	ND	14	6	ND	ND	85
L240/4+00	.2	4.79	20	ND	37	ND	.06	1.1	4	25	29	4.81	.18	.10	175	5	.02	7	.06	102	ND	ND	ND	7	6	ND	ND	101
L240/4+25	.2	4.57	22	ND	56	ND	.06	.8	19	19	26	4.18	.16	.12	834	6	.03	9	.09	102	ND	ND	ND	8	5	ND	ND	143
L240/4+50	.3	4.55	17	ND	54	ND	.03	.7	7	17	28	4.26	.15	.10	191	5	.03	9	.05	101	ND	ND	ND	8	4	ND	ND	144
L240/4+75	.3	4.65	19	ND	56	ND	.03	.8	8	30	27	4.50	.16	.27	291	5	.03	16	.05	96	ND	ND	ND	7	5	ND	ND	142
L240/5+00	.1	3.08	8	ND	51	ND	.07	.5	7	17	23	4.98	.19	.16	484	4	.02	6	.06	77	ND	ND	ND	7	11	ND	ND	104
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 AND LABORATORY
1988 Triumph Street
Vancouver, B.C. V5L 1K5
(604)251-5656 FAX:254-5717

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

REPORT NUMBER: 881561 GA JOB NUMBER: 881561 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
22205	> 10000
22206	1510
22207	360
22208	> 10000
22209	4300
22210	> 10000
22211	495
22212	130
22213	145
22214	> 10000
22215	> 10000
33381	410
33382	150
33383	30

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

VGC VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881561 AA JOB NUMBER: 881561 PAMICON DEVELOPMENT LTD.

SAMPLE #	Ag oz/st	Au oz/st
22205	--	.467
22208	1.98	1.695
22209	--	.162
22210	--	.871
22214	--	1.668
22215	--	1.406

DETECTION LIMIT .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: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH:(604)251-5656 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 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: S. TODORUK
PROJECT: HEC-STU

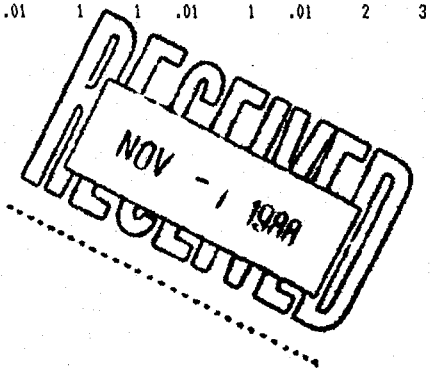
REPORT#: 881561PA
JOB#: 881561
INVOICE#: 881561NA

DATE RECEIVED: 88/10/04
DATE COMPLETED: 88/10/26
COPY SENT TO:

ANALYST

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
22205	13.7	.96	22	17	69	ND	.23	.5	8	93	47	2.79	.12	.51	438	4	.02	14	.09	21	ND	ND	ND	1	18	ND	ND	53
22206	2.1	1.07	28	ND	98	ND	.12	.7	5	79	32	2.69	.10	.52	442	6	.02	3	.08	36	ND	ND	ND	2	7	ND	ND	98
22207	.5	1.50	15	ND	38	ND	.16	.8	8	81	25	2.51	.11	.81	728	4	.02	3	.08	92	ND	ND	ND	2	7	ND	ND	178
22208	66.4	.81	376	45	164	ND	.02	1.5	47	207	84	8.65	.29	.25	292	22	.02	6	.02	87	ND	ND	ND	ND	7	ND	ND	33
22209	8.8	1.29	42	5	169	ND	.10	.3	21	155	21	3.80	.14	.51	571	10	.01	8	.05	37	ND	ND	ND	1	9	ND	ND	44
22210	16.4	.36	11	17	29	3	.05	.1	3	225	12	.68	.03	.14	205	5	.01	7	.02	12	ND	ND	ND	1	4	ND	ND	13
22211	.3	.95	14	ND	90	ND	.08	.1	5	123	23	1.94	.07	.20	256	5	.02	9	.07	25	ND	ND	ND	ND	7	ND	ND	51
22212	.3	1.17	11	ND	75	ND	.35	.6	7	87	29	2.14	.12	.59	768	3	.02	10	.08	32	ND	ND	ND	2	34	ND	ND	90
22213	1.5	1.70	5	ND	73	ND	.54	.8	18	78	33	3.29	.18	1.05	666	4	.02	16	.09	31	ND	ND	ND	6	21	ND	ND	96
22214	8.2	.32	45	31	67	4	.03	1.4	37	183	90	6.07	.21	.12	97	29	.02	5	.01	18	ND	ND	ND	1	11	ND	ND	9
22215	16.9	.37	49	43	8	4	.06	1.5	31	193	48	6.92	.24	.12	161	16	.02	5	.01	56	ND	ND	ND	1	37	ND	ND	44
33381	.5	1.71	20	ND	113	ND	.76	.5	10	131	41	2.59	.19	.75	856	5	.02	4	.10	37	ND	ND	ND	2	18	ND	ND	35
33382	1.1	1.26	11	ND	62	ND	.25	.2	9	52	15	2.32	.11	.71	794	5	.02	3	.09	29	ND	ND	ND	3	28	ND	ND	69
33383	.3	1.23	5	ND	288	ND	.69	.2	8	98	16	2.07	.17	.64	827	4	.02	6	.08	26	ND	ND	ND	3	170	ND	ND	74
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

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED



VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 881556 GA JOB NUMBER: 881556 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
HS88 L270	0+25W	20
HS88 L270	0+50W	45
HS88 L270	0+75W	40
HS88 L270	1+00W	220
HS88 L270	1+25W	30
HS88 L270	1+50W	275
HS88 L280	0+00W	80
HS88 L280	0+25W	70
HS88 L280	0+50W	80
HS88 L280	0+75W	50
HS88 L280	1+00W	20
HS88 L280	1+25W	80
HS88 L280	1+50W	90
HS88 L310	0+00W	30
HS88 L310	0+25W	30
HS88 L310	0+50W	40
HS88 L310	1+00W	20
HS88 L310	1+25W	30
HS88 L320	0+00W	40
HS88 L320	0+25W	25
HS88 L320	0+50W	65
HS88 L320	0+75W	20
HS88 L320	1+00W	20
HS88 L320	1+25W	190
HS88 L320	1+50W	25

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

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH:(604)251-5656 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 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: S. TODORUK
PROJECT: HEC-STU

REPORT#: 881556PA
JOB#: 881556
INVOICE#: 881556NA

DATE RECEIVED: 88/10/04
DATE COMPLETED: 88/10/26
COPY SENT TO:

ANALYST

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
HS88 L270 0+25W	.3	4.59	36	ND	51	ND	.03	2.5	5	40	39	5.14	.18	.20	175	2	.02	14	.05	106	ND	ND	ND	5	5	ND	ND	96
HS88 L270 0+50W	.3	4.30	28	ND	55	ND	.02	1.8	5	38	32	4.05	.14	.20	147	2	.02	12	.05	92	ND	ND	ND	6	5	ND	ND	79
HS88 L270 0+75W	8.0	2.97	64	ND	148	ND	.08	4.5	6	48	200	4.15	.15	.60	212	1	.02	32	.05	75	ND	ND	ND	3	12	ND	ND	284
HS88 L270 1+00W	.1	2.38	16	ND	159	ND	.08	1.1	5	3	19	2.48	.10	.17	258	3	.01	3	.05	52	ND	ND	ND	1	15	ND	ND	58
HS88 L270 1+25W	.2	2.50	19	ND	81	ND	.05	1.8	5	16	26	4.74	.17	.16	270	3	.02	4	.04	83	ND	ND	ND	7	15	ND	ND	94
HS88 L270 1+50W	.1	2.37	15	ND	100	ND	.11	4.1	4	21	30	4.38	.17	.17	211	2	.02	8	.06	72	ND	ND	ND	4	18	ND	ND	136
HS88 L280 0+00W	.3	1.92	16	ND	62	ND	.02	5.5	6	26	40	7.75	.27	.13	124	3	.03	5	.02	66	ND	ND	ND	9	7	ND	ND	62
HS88 L280 0+25W	.1	3.57	31	ND	50	ND	.03	2.2	6	42	32	4.66	.16	.38	175	2	.02	19	.04	80	ND	ND	ND	5	5	ND	ND	67
HS88 L280 0+50W	.1	2.87	19	ND	74	ND	.02	3.1	4	23	29	5.81	.20	.16	184	2	.02	5	.04	78	ND	ND	ND	6	5	ND	ND	87
HS88 L280 0+75W	.4	4.57	33	ND	92	ND	.04	1.8	12	46	35	4.46	.16	.39	273	2	.03	35	.04	98	ND	ND	ND	5	5	ND	ND	174
HS88 L280 1+00W	.3	4.05	30	ND	223	ND	.24	1.1	10	23	43	4.68	.20	.24	1260	3	.05	25	.08	96	ND	ND	ND	8	18	ND	ND	252
HS88 L280 1+25W	.1	4.22	35	ND	161	ND	.09	1.5	14	32	35	4.65	.18	.40	1288	3	.03	27	.08	99	ND	ND	ND	6	14	ND	ND	188
HS88 L280 1+50W	.2	5.19	37	ND	105	ND	.04	.8	11	39	29	4.63	.17	.33	244	2	.03	27	.05	105	ND	ND	ND	4	7	ND	ND	195
HS88 L310 0+00W	.4	3.67	21	ND	68	3	.02	2.2	5	34	42	9.36	.33	.18	129	3	.04	12	.06	101	ND	ND	ND	9	5	ND	ND	95
HS88 L310 0+25W	.1	3.66	25	ND	65	ND	.02	1.1	7	81	33	5.97	.21	.50	154	2	.02	32	.03	81	ND	ND	ND	4	5	ND	ND	95
HS88 L310 0+50W	.2	3.69	34	ND	58	ND	.02	.5	5	38	23	4.11	.14	.30	129	2	.02	18	.03	80	ND	ND	ND	4	6	ND	ND	80
HS88 L310 1+00W	.3	1.97	13	ND	35	ND	.04	1.3	7	32	36	6.45	.23	.17	119	2	.02	10	.03	73	ND	ND	ND	11	4	ND	ND	65
HS88 L310 1+25W	.2	2.84	24	ND	69	ND	.03	1.3	6	44	28	4.74	.17	.22	150	2	.02	15	.03	70	ND	ND	ND	5	6	ND	ND	89
HS88 L320 0+00W	.1	2.11	16	ND	61	ND	.01	.3	4	29	19	3.92	.14	.15	104	1	.01	8	.03	53	ND	ND	ND	4	7	ND	ND	63
HS88 L320 0+25W	.9	6.92	45	ND	53	ND	.01	.8	5	26	28	4.48	.16	.13	218	3	.03	8	.05	132	ND	ND	ND	6	2	ND	ND	93
HS88 L320 0+50W	.2	3.99	31	ND	58	ND	.05	.5	5	38	27	4.45	.16	.22	128	2	.02	27	.05	88	ND	ND	ND	5	7	ND	ND	75
HS88 L320 0+75W	.4	4.90	34	ND	55	ND	.04	.8	6	37	26	4.22	.15	.29	204	2	.02	22	.04	101	ND	ND	ND	5	6	ND	ND	183
HS88 L320 1+00W	.5	5.25	54	ND	108	ND	.07	2.9	11	34	46	4.97	.18	.28	657	3	.04	32	.08	118	ND	ND	ND	7	7	ND	ND	391
HS88 L320 1+25W	.5	2.93	23	ND	60	ND	.06	.7	5	35	25	4.10	.15	.18	160	2	.02	13	.05	77	ND	ND	ND	7	7	ND	ND	97
HS88 L320 1+50W	.9	4.69	31	ND	77	ND	.03	1.1	11	27	29	4.45	.16	.27	273	2	.04	26	.04	108	ND	ND	ND	8	5	ND	ND	181
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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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 881081 GA JOB NUMBER: 881081 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
HS.L300	0+00E	50
HS.L300	0+25E	40
HS.L300	0+50E	35
HS.L300	0+75E	30
HS.L300	1+00E	25
HS.L300	1+25E	35
HS.L300	1+50E	30
HS.L300	1+75E	15
HS.L300	2+00E	20
HS.L300	2+25E	15
HS.L300	2+50E	60
HS.L300	2+75E	120
HS.L300	3+00E	40
HS.L350	0+00W	30
HS.L350	0+25W	20
HS.L350	0+50W	100
HS.L350	1+00W	160
HS.L350	1+25W	55
HS.L350	1+50W	55
HS.L350	1+75W	50
HS.L350	2+00W	15
HS.L350	2+25W	20
HS.L350	2+75W	780
HS.L350	3+25W	2000
HS.L350	3+75W	15
HS.L350	4+00W	20
HS.L350	4+50W	35
HS.L350	4+75W	15
HS.L350	5+00W	25
HS.L350	5+25W	20
HS.L350	5+50W	50
HS.L350	5+75W	55
HS.L350	6+00W	1400
HS.L350	6+25W	15
HS.L350	6+50W	40
HS.L350	6+75W	40
HS.L350	7+00W	30
HS.L400	0+00E	25
HS.L400	0+25E	10
DETECTION LIMIT		5

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

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VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #		Au ppb
HS.L400	0+50E	5
HS.L400	0+75E	20
HS.L400	1+00E	40
HS.L400	1+25E	20
HS.L400	1+50E	30
HS.L400	1+75E	20
HS.L400	2+00E	10
HS.L400	2+25E	30
HS.L400	2+50E	60
HS.L400	2+75E	30
HS.L400	3+00E	20
HS.L400	3+50E	300
HS.L400	0+25W	30
HS.L400	0+50W	20
HS.L400	0+75W	30
HS.L400	1+25W	30
HS.L400	1+50W	40
HS.L400	1+75W	20
HS.L400	2+00W	30
HS.L400	2+25W	20
HS.L400	2+50W	25
HS.L400	2+75W	25
HS.L400	3+00W	30
HS.L400	3+25W	30
HS.L400	3+50W	30
HS.L400	3+75W	35
HS.L400	4+00W	30
HS.L400	4+25W	30
HS.L400	4+50W	50
HS.L400	4+75W	90
HS.L400	5+00W	40
HS.L400	5+25W	10
HS.L400	5+50W	35
HS.L400	5+75W	30
HS.L400	6+25W	35
HS.L400	6+50W	25
HS.L400	6+75W	40
HS.L400	7+00W	20
HS.L450	0+00E	35
DETECTION LIMIT		5

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

REPORT NUMBER: 881081 GA JOB NUMBER: 881081 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
HS.L450	0+25E	15
HS.L450	0+50E	25
HS.L450	0+75E	15
HS.L450	1+00E	20
HS.L450	1+25E	30
HS.L450	1+50E	40
HS.L450	1+75E	15
HS.L450	2+00E	45
HS.L450	2+25E	30
HS.L450	2+50E	30
HS.L450	2+75E	35
HS.L450	3+00E	30
HS.L450	3+25E	15
HS.L450	3+50E	20
HS.L450	3+75E	75
HS.L450	4+00E	30
HS.L450	4+25E	25
HS.L450	4+50E	30
HS.L450	4+75E	30
HS.L450	5+25E	20
HS.L450	5+50E	30
HS.L450	5+75E	115
HS.L450	6+00E	35
HS.L450	6+00E A	25
HS.L450	6+25E	45
HS.L450	6+25E A	30
HS.L450	6+50E A	10
HS.L450	6+75E	35
HS.L450	6+75E A	30
HS.L450	7+00E	20
HS.L450	7+25E	15
HS.L450	7+50E	25
HS.L450	7+75E	10
HS.L450	8+00E	10
HS.L450	8+25E	20
HS.L450	8+50E	15
HS.L450	9+00E	10
HS.L450	9+25E	10
HS.L450	9+50E	20
DETECTION LIMIT		5

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

VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY
1988 Triumph Street
Vancouver, B.C. V5L 1K5
(604)251-5656 FAX:254-5717

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

REPORT NUMBER: 881081 GA JOB NUMBER: 881081 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
HS.L450	9+75E	20
HS.L450	10+00E	30
HS.L450	10+25E	10
HS.L450	10+50E	20
HS.L450	10+75E	1180
HS.L450	11+00E	20
HS.L500	0+00W	20
HS.L500	0+25W	25
HS.L500	0+50W	15
HS.L500	0+75W	55
HS.L500	1+00W	80
HS.L500	1+25W	is ?
HS.L500	1+50W	80
HS.L500	1+75W	20
HS.L500	2+25W	20
HS.L500	2+50W	60
HS.L500	2+75W	70
HS.L500	3+00W	60
HS.L500	3+25W	35
HS.L500	3+50W	20
HST 400 01		45
HST 350 02		30
HHM 350 01		55

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

IN [illegible]E: [illegible] TR[illegible]H ST[illegible], V[illegible]UVE[illegible]C. V[illegible]K5 [illegible]504) [illegible]-565 [illegible]LEX [illegible]8525
BRANCH OFFICE: 1630 PANDORA STREET. V[illegible]OUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 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 DEVELOPMENTS
ATTENTION: S TODORUK
PROJECT: HEC-STU

REPORT#: 881081 PA
JOB#: 881081
INVOICE#: 881081 NA

DATE RECEIVED: 88/08/23
DATE COMPLETED: 88/09/[illegible]
COPY SENT TO:

ANALYST

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
HS.L300 0+00E	.1	3.60	11	ND	31	ND	.09	1.1	3	12	19	3.86	.03	.08	172	7	.02	7	.06	57	ND	ND	ND	6	7	ND	ND	82
HS.L300 0+25E	.2	4.26	17	ND	48	ND	.04	1.1	8	42	32	4.38	.02	.42	276	5	.02	29	.04	55	ND	ND	ND	6	6	ND	ND	115
HS.L300 0+50E	.1	2.99	16	ND	43	ND	.03	.5	4	45	22	4.36	.01	.21	148	5	.02	17	.06	47	ND	ND	ND	6	5	ND	ND	92
HS.L300 0+75E	.1	3.10	17	ND	41	ND	.06	.8	7	35	24	3.79	.01	.47	326	4	.02	28	.06	45	ND	ND	ND	5	8	ND	ND	112
HS.L300 1+00E	.1	3.56	9	ND	367	ND	.99	1.6	10	18	35	3.11	.18	.44	3381	4	.06	23	.12	45	ND	ND	ND	6	56	ND	ND	202
HS.L300 1+25E	.1	3.92	13	ND	76	5	.05	1.1	11	45	30	4.39	.01	.67	373	4	.02	42	.04	52	ND	ND	ND	6	7	ND	ND	173
HS.L300 1+50E	.1	5.17	ND	ND	81	7	.10	1.6	6	27	23	6.79	.02	.22	399	6	.03	12	.10	73	ND	ND	ND	8	12	ND	ND	177
HS.L300 1+75E	.1	.87	5	ND	29	ND	.08	.1	2	6	8	.65	.03	.06	49	1	.01	2	.02	17	ND	ND	ND	2	26	ND	ND	39
HS.L300 2+00E	.1	1.85	14	ND	89	ND	.15	1.1	6	17	22	4.74	.04	.10	135	5	.02	6	.04	60	ND	ND	ND	11	12	ND	ND	96
HS.L300 2+25E	.1	2.36	17	ND	44	5	.05	.9	7	44	23	5.20	.01	.42	179	4	.02	21	.03	48	ND	ND	ND	7	8	ND	ND	91
HS.L300 2+50E	.1	1.99	14	ND	35	ND	.02	.8	5	29	19	4.96	.01	.19	130	5	.02	10	.04	48	ND	ND	ND	7	5	ND	ND	64
HS.L300 2+75E	.1	3.01	16	ND	19	ND	.03	.6	3	18	16	5.25	.01	.12	93	6	.02	3	.03	52	ND	ND	ND	8	7	ND	ND	59
HS.L300 3+00E	.1	1.96	16	ND	67	3	.04	.9	14	9	13	5.95	.01	.22	2303	6	.02	2	.11	54	ND	ND	ND	6	15	ND	ND	55
HS.L350 0+00W	.3	5.59	8	ND	63	3	.03	.9	8	74	36	4.79	.01	.65	196	4	.01	52	.04	52	ND	ND	ND	5	6	ND	ND	81
HS.L350 0+25W	.4	9.73	ND	ND	26	4	.01	1.1	6	41	22	5.20	.01	.46	208	4	.02	28	.04	77	ND	ND	ND	5	3	ND	ND	86
HS.L350 0+50W	.1	1.81	13	ND	38	ND	.07	.3	5	13	23	3.18	.01	.24	136	5	.01	6	.03	37	ND	ND	ND	6	22	ND	ND	64
HS.L350 1+00W	.1	4.31	11	ND	80	ND	.02	1.2	6	49	22	5.52	.01	.45	194	5	.02	26	.17	52	ND	ND	ND	5	7	ND	ND	91
HS.L350 1+25W	.1	5.45	ND	ND	56	ND	.01	.8	4	40	16	4.97	.01	.23	153	4	.02	16	.04	60	ND	ND	ND	6	4	ND	ND	93
HS.L350 1+50W	.1	4.25	7	ND	69	ND	.03	.5	8	23	22	3.68	.01	.19	363	5	.02	15	.05	59	ND	ND	ND	8	5	ND	ND	124
HS.L350 1+75W	.1	6.39	ND	ND	72	ND	.09	1.1	3	18	16	5.96	.01	.06	108	4	.02	3	.05	66	ND	ND	ND	7	13	ND	ND	78
HS.L350 2+00W	.1	.81	6	ND	35	ND	.25	.1	9	9	22	1.66	.01	.23	151	1	.01	14	.12	18	ND	ND	ND	6	29	ND	ND	69
HS.L350 2+25W	.1	6.92	ND	ND	83	3	.04	1.1	7	32	21	4.72	.01	.31	189	5	.02	30	.05	66	ND	ND	ND	7	8	ND	ND	179
HS.L350 2+75W	.1	1.78	3	ND	325	ND	.11	.1	4	5	4	1.42	.01	.15	189	3	.01	2	.02	25	ND	ND	ND	2	11	ND	ND	51
HS.L350 3+25W	.1	.92	ND	ND	53	ND	.06	.1	2	4	6	.35	.01	.06	29	1	.01	2	.01	22	ND	ND	ND	3	12	ND	ND	23
HS.L350 3+75W	.1	1.08	6	ND	37	ND	.23	.1	9	8	13	1.75	.01	.43	187	1	.01	7	.04	17	ND	ND	ND	5	38	ND	ND	47
HS.L350 4+00W	.1	.58	ND	ND	23	ND	.06	.1	2	3	6	.67	.01	.05	39	1	.01	2	.02	13	ND	ND	ND	2	19	ND	ND	35
HS.L350 4+50W	.1	4.86	10	ND	42	ND	.02	.9	5	38	24	5.01	.01	.35	152	5	.02	25	.05	59	ND	ND	ND	7	5	ND	ND	145
HS.L350 4+75W	.4	6.36	4	ND	44	5	.03	.9	6	25	29	5.00	.01	.19	249	7	.03	20	.03	79	ND	ND	ND	10	3	ND	ND	241
HS.L350 5+00W	.4	6.39	4	ND	41	4	.02	1.1	4	19	23	5.53	.01	.09	210	5	.03	6	.05	80	ND	ND	ND	10	3	ND	ND	157
HS.L350 5+25W	.1	2.12	9	ND	53	ND	.03	.5	3	19	25	3.51	.01	.10	87	4	.02	9	.05	45	ND	ND	ND	7	7	ND	ND	91
HS.L350 5+50W	.1	5.42	7	ND	63	ND	.05	.9	9	31	26	4.59	.01	.31	276	5	.05	25	.05	67	ND	ND	ND	8	6	ND	ND	164
HS.L350 5+75W	.1	1.54	15	ND	65	ND	.13	.4	9	21	20	3.91	.01	.26	325	5	.02	10	.08	37	ND	ND	ND	6	17	ND	ND	101
HS.L350 6+00W	.1	.90	4	ND	36	ND	.10	.1	4	3	8	.94	.01	.14	80	1	.01	3	.04	13	ND	ND	ND	2	15	ND	ND	48
HS.L350 6+25W	.4	6.77	6	ND	39	6	.02	1.1	6	44	30	5.38	.01	.43	198	6	.03	32	.04	75	ND	ND	ND	9	2	ND	ND	153
HS.L350 6+50W	.1	2.41	10	ND	32	ND	.02	.1	2	20	14	2.62	.01	.10	60	4	.01	5	.02	39	ND	ND	ND	4	6	ND	ND	63
HS.L350 6+75W	.1	2.38	15	ND	50	6	.04	1.3	3	35	20	6.81	.01	.20	149	6	.02	9	.07	56	ND	ND	ND	6	12	ND	ND	83
HS.L350 7+00W	.1	3.67	17	ND	25	3	.03	.8	4	29	19	5.43	.01	.11	233	6	.02	6	.05	62	ND	ND	ND	9	4	ND	ND	66
HS.L400 0+00E	.4	5.44	10	ND	17	11	.03	1.7	5	36	30	7.95	.01	.11	162	8	.03	6	.03	84	ND	ND	ND	13	4	ND	ND	93
HS.L400 0+25E	.1	.39	4	ND	114	ND	.07	.1	3	5	12	.94	.01	.11	46	2	.01	5	.03	14	ND	ND	ND	4	18	ND	ND	29
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

CLIENT: PAMICON DEVELOPMENTS JOB#: 881081 PROJECT: HEC-STU REPORT: 881081 PA

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
HS.L400 0+50E	.4	4.16	11	ND	17	3	.03	1.6	4	22	28	7.95	.01	.06	137	6	.03	2	.04	77	ND	ND	ND	14	3	ND	ND	76
HS.L400 0+75E	.2	4.23	22	ND	35	3	.02	1.9	4	25	27	8.99	.01	.07	197	7	.03	3	.05	86	ND	ND	ND	14	4	ND	ND	121
HS.L400 1+00E	.6	4.18	18	ND	37	4	.02	2.2	5	36	29	11.14	.01	.22	232	7	.04	10	.03	98	ND	ND	ND	15	5	ND	ND	94
HS.L400 1+25E	.1	3.17	17	ND	38	ND	.01	1.1	4	48	20	5.85	.01	.14	110	4	.02	10	.03	58	ND	ND	ND	9	3	ND	ND	71
HS.L400 1+50E	.1	6.38	8	ND	63	ND	.01	1.4	4	40	23	6.43	.01	.15	292	3	.02	8	.74	72	ND	ND	ND	8	5	ND	ND	112
HS.L400 1+75E	.1	7.44	ND	ND	35	ND	.06	.9	1	12	15	4.55	.01	.05	121	1	.02	3	.07	75	ND	ND	ND	6	9	ND	ND	82
HS.L400 2+00E	.6	1.58	13	ND	20	4	.02	1.4	10	10	43	7.08	.01	.05	147	9	.03	2	.03	83	ND	ND	ND	27	3	ND	ND	63
HS.L400 2+25E	.6	5.92	10	ND	24	3	.01	1.6	5	15	33	7.91	.01	.04	109	8	.03	2	.04	95	ND	ND	ND	16	2	ND	ND	60
HS.L400 2+50E	.1	3.66	17	ND	69	ND	.01	.6	6	29	22	4.13	.01	.56	196	3	.02	29	.03	52	ND	ND	ND	6	4	ND	ND	107
HS.L400 2+75E	.1	2.04	11	ND	303	ND	.06	.1	6	25	17	2.63	.02	.32	321	1	.01	17	.06	30	ND	ND	ND	4	7	ND	ND	72
HS.L400 3+00E	.1	3.11	17	ND	53	ND	.05	1.1	5	44	22	4.69	.02	.44	167	3	.02	26	.04	54	ND	ND	ND	8	7	ND	ND	89
HS.L400 3+50E	.1	2.06	16	ND	68	ND	.13	.4	6	17	14	3.55	.01	.30	310	3	.01	8	.05	40	ND	ND	ND	5	38	ND	ND	57
HS.L400 0+25W	.2	4.14	15	ND	26	ND	.04	.9	6	31	30	5.26	.01	.23	139	4	.02	13	.05	67	ND	ND	ND	10	7	ND	ND	87
HS.L400 0+50W	.1	2.19	10	ND	57	ND	.03	.8	4	16	21	4.09	.01	.10	111	3	.02	6	.04	57	ND	ND	ND	9	7	ND	ND	88
HS.L400 0+75W	.9	9.24	ND	ND	23	ND	.03	1.2	4	19	25	7.07	.01	.09	195	5	.03	2	.06	97	ND	ND	18	12	3	ND	ND	94
HS.L400 1+25W	.2	4.06	15	ND	61	ND	.02	1.1	5	19	20	5.68	.01	.13	149	5	.03	8	.04	77	ND	ND	ND	11	5	ND	ND	109
HS.L400 1+50W	.6	6.69	14	ND	32	ND	.02	1.1	6	29	27	5.64	.01	.38	284	5	.04	25	.04	82	ND	ND	ND	10	2	ND	ND	135
HS.L400 1+75W	.1	3.51	17	ND	38	3	.01	1.9	4	52	30	8.72	.01	.10	117	4	.03	8	.06	79	ND	ND	ND	11	5	ND	ND	66
HS.L400 2+00W	.2	3.81	17	ND	28	ND	.01	1.4	4	41	26	6.96	.01	.09	113	5	.03	5	.03	73	ND	ND	ND	11	4	ND	ND	62
HS.L400 2+25W	.6	6.24	8	ND	15	ND	.01	1.4	3	13	25	6.55	.01	.05	191	5	.03	ND	.04	88	ND	ND	ND	13	2	ND	ND	79
HS.L400 2+50W	.1	3.19	21	ND	38	3	.07	1.5	5	57	28	8.14	.01	.23	153	5	.03	19	.04	66	ND	ND	ND	10	9	ND	ND	79
HS.L400 2+75W	.1	2.15	14	ND	34	ND	.02	.9	4	28	17	5.38	.01	.16	106	3	.02	8	.04	48	ND	ND	ND	8	7	ND	ND	55
HS.L400 3+00W	.2	6.22	ND	ND	23	ND	.05	1.2	1	13	24	5.39	.01	.10	145	3	.02	4	.06	72	ND	ND	ND	7	9	ND	ND	63
HS.L400 3+25W	.2	7.44	ND	ND	26	ND	.02	1.2	2	14	19	6.63	.01	.04	166	4	.03	1	.10	94	ND	ND	6	10	5	ND	ND	61
HS.L400 3+50W	.4	3.03	13	ND	19	6	.02	2.7	4	21	36	13.03	.01	.03	153	6	.04	ND	.06	109	ND	ND	ND	15	4	ND	ND	49
HS.L400 3+75W	.2	6.77	9	ND	22	ND	.02	1.1	3	13	26	6.35	.01	.04	175	4	.03	1	.08	86	ND	ND	ND	9	4	ND	ND	67
HS.L400 4+00W	.1	3.77	18	ND	54	ND	.03	1.2	4	36	21	6.09	.01	.20	200	5	.02	13	.07	68	ND	ND	ND	9	6	ND	ND	95
HS.L400 4+25W	.1	2.13	16	ND	42	ND	.08	.6	3	24	20	5.05	.02	.16	177	3	.02	8	.06	56	ND	ND	ND	8	11	ND	ND	58
HS.L400 4+50W	.1	2.28	22	ND	33	ND	.05	.4	4	23	20	3.39	.01	.21	301	3	.01	10	.08	45	ND	ND	ND	6	9	ND	ND	68
HS.L400 4+75W	.1	3.67	21	ND	28	ND	.05	.9	6	24	25	4.36	.03	.25	282	4	.02	9	.08	66	ND	ND	ND	7	8	ND	ND	88
HS.L400 5+00W	.1	5.97	8	ND	29	ND	.15	.8	15	15	59	3.24	.05	.12	703	1	.01	6	.15	66	ND	ND	ND	5	19	ND	ND	91
HS.L400 5+25W	.1	4.22	11	ND	24	ND	.03	.5	2	17	34	4.43	.02	.07	139	4	.02	4	.11	89	ND	ND	ND	6	8	ND	ND	36
HS.L400 5+50W	.1	.97	19	ND	23	ND	.07	.1	3	11	23	2.54	.02	.10	99	2	.01	7	.56	35	ND	ND	ND	4	10	ND	ND	54
HS.L400 5+75W	.1	1.15	13	ND	53	ND	.06	.1	2	18	40	1.89	.03	.07	114	1	.01	14	.17	26	ND	ND	ND	4	5	ND	ND	61
HS.L400 6+25W	.1	1.29	19	ND	19	ND	.02	.5	4	14	26	4.49	.02	.09	177	6	.03	6	.07	49	ND	ND	ND	11	3	ND	ND	68
HS.L400 6+50W	.1	2.11	16	ND	145	ND	.19	.8	6	13	23	4.40	.06	.22	4082	7	.03	10	.13	47	ND	ND	ND	8	16	ND	ND	85
HS.L400 6+75W	.1	2.06	21	ND	40	ND	.08	1.1	5	29	20	5.07	.03	.44	250	4	.02	21	.10	51	ND	ND	ND	7	11	ND	ND	71
HS.L400 7+00W	.2	3.02	14	ND	105	ND	.05	.5	6	20	19	4.30	.03	.27	391	6	.03	8	.16	67	ND	ND	ND	8	8	ND	ND	83
HS.L450 0+00E	.1	1.42	19	ND	37	ND	.02	.9	4	23	25	5.64	.02	.06	89	4	.02	6	.04	58	ND	ND	ND	12	11	ND	ND	48
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

CLIENT: PANICON DEVELOPMENTS JOB#: 881081 PROJECT: HEC-STU REPORT: 881081 PA

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
HS.L450 0+25E	.1	1.65	11	ND	33	ND	.03	.3	3	13	14	3.02	.02	.05	66	3	.01	6	.04	39	ND	ND	ND	7	12	ND	ND	57
HS.L450 0+50E	.1	2.57	13	ND	46	ND	.03	.6	3	21	28	4.29	.02	.12	98	4	.02	9	.09	57	ND	ND	ND	9	7	ND	ND	49
HS.L450 0+75E	.1	.91	12	ND	41	ND	.03	.3	3	13	15	2.91	.02	.06	54	3	.01	6	.04	36	ND	ND	ND	7	8	ND	ND	42
HS.L450 1+00E	.1	1.19	10	ND	31	ND	.09	.3	7	13	33	2.57	.02	.22	139	2	.01	10	.10	32	ND	ND	ND	7	15	ND	ND	77
HS.L450 1+25E	.1	1.47	11	ND	25	ND	.04	.1	3	16	26	1.35	.03	.16	64	2	.01	7	.10	43	ND	ND	ND	5	9	ND	ND	54
HS.L450 1+50E	.4	2.26	13	ND	23	ND	.06	.6	5	19	43	3.47	.02	.27	151	5	.02	12	.13	51	ND	ND	ND	6	12	ND	ND	68
HS.L450 1+75E	.4	1.50	12	ND	68	ND	.40	.5	20	15	40	2.99	.10	.79	896	2	.03	15	.14	32	ND	ND	ND	9	54	ND	ND	87
HS.L450 2+00E	.2	3.46	17	ND	19	ND	.04	1.1	4	17	44	6.53	.03	.11	178	8	.03	5	.07	78	ND	ND	ND	12	7	ND	ND	63
HS.L450 2+25E	.2	1.89	20	ND	38	ND	.12	1.1	6	19	33	4.96	.04	.28	271	6	.02	10	.09	54	ND	ND	ND	8	13	ND	ND	57
HS.L450 2+50E	.1	5.14	12	ND	26	ND	.04	1.1	3	22	35	4.54	.03	.17	187	5	.02	8	.09	65	ND	ND	ND	8	6	ND	ND	70
HS.L450 2+75E	.1	2.37	16	ND	84	ND	.06	.7	5	12	16	3.81	.03	.26	291	5	.02	7	.06	51	ND	ND	ND	6	22	ND	ND	62
HS.L450 3+00E	.1	1.35	8	ND	48	ND	.08	.1	6	7	16	1.76	.03	.19	137	3	.01	7	.07	30	ND	ND	ND	5	28	ND	ND	54
HS.L450 3+25E	.1	1.43	13	ND	62	ND	.10	.2	5	12	22	2.39	.04	.17	257	4	.01	8	.07	45	ND	ND	ND	5	27	ND	ND	65
HS.L450 3+50E	.1	2.52	14	ND	28	ND	.02	.3	3	12	24	3.36	.03	.08	97	5	.02	5	.06	49	ND	ND	ND	7	7	ND	ND	44
HS.L450 3+75E	.1	5.60	12	ND	38	ND	.03	.8	6	34	44	4.62	.03	.26	306	4	.02	19	.06	64	ND	ND	ND	8	5	ND	ND	108
HS.L450 4+00E	.4	4.09	16	ND	43	ND	.04	1.1	6	23	42	5.06	.03	.19	361	5	.02	11	.07	71	ND	ND	ND	10	9	ND	ND	103
HS.L450 4+25E	.2	3.54	18	ND	32	ND	.09	1.3	9	12	53	5.21	.04	.14	405	5	.02	6	.15	85	ND	ND	ND	10	15	ND	ND	87
HS.L450 4+50E	.8	1.84	22	ND	26	6	.03	2.6	9	12	56	12.55	.02	.05	237	14	.04	2	.04	100	ND	ND	ND	24	4	ND	ND	66
HS.L450 4+75E	1.1	9.08	ND	ND	23	3	.04	1.6	4	14	39	8.08	.04	.07	228	7	.04	3	.06	114	ND	ND	ND	11	7	ND	ND	63
HS.L450 5+25E	.1	.89	7	ND	172	ND	.24	.1	3	2	14	1.09	.07	.06	39	1	.01	6	.09	19	ND	ND	ND	3	30	ND	ND	72
HS.L450 5+50E	.2	3.30	134	ND	285	ND	.40	1.1	6	19	36	5.90	.11	.23	231	8	.03	19	.07	68	ND	ND	ND	9	49	ND	ND	124
HS.L450 5+75E	.1	2.79	17	ND	48	ND	.06	.7	4	17	17	3.46	.05	.33	258	4	.02	12	.07	49	ND	ND	ND	6	12	ND	ND	70
HS.L450 6+00E	.1	4.44	51	ND	100	ND	.12	1.1	17	21	120	5.51	.05	.75	992	4	.03	18	.09	69	ND	ND	ND	8	20	ND	ND	143
HS.L450 6+00E A	.1	.85	9	ND	46	ND	.31	.1	9	6	28	1.71	.08	.31	471	1	.01	8	.10	19	ND	ND	ND	4	35	ND	ND	117
HS.L450 6+25E	.1	3.80	71	ND	306	ND	.45	1.8	21	20	126	5.12	.12	1.36	2667	4	.03	23	.10	61	ND	ND	ND	7	44	ND	ND	190
HS.L450 6+25E A	1.2	8.71	ND	ND	30	4	.03	2.3	3	21	30	10.58	.03	.05	181	7	.04	1	.04	121	ND	ND	ND	12	6	ND	ND	62
HS.L450 6+50E A	1.2	9.29	ND	ND	19	3	.02	1.6	3	14	24	8.28	.03	.06	182	6	.04	1	.04	115	ND	ND	ND	12	2	ND	ND	61
HS.L450 6+75E	.1	.71	7	ND	76	ND	2.68	.1	5	4	17	.80	.29	.12	89	1	.01	9	.07	18	ND	ND	ND	3	116	ND	ND	84
HS.L450 6+75E A	.4	6.05	11	ND	35	ND	.05	1.1	4	37	28	5.03	.04	.21	153	5	.02	14	.04	70	ND	ND	ND	8	7	ND	ND	73
HS.L450 7+00E	1.1	6.76	ND	ND	17	7	.01	3.7	2	32	47	17.37	.01	.05	285	8	.05	1	.04	162	ND	ND	ND	16	4	ND	ND	96
HS.L450 7+25E	.8	8.62	ND	ND	15	3	.01	1.8	2	22	26	8.53	.03	.05	224	5	.04	2	.05	120	ND	ND	ND	10	1	ND	ND	86
HS.L450 7+50E	.1	3.31	20	ND	55	ND	.04	1.1	7	57	29	5.78	.02	.51	170	4	.02	29	.02	49	ND	ND	ND	7	7	ND	ND	72
HS.L450 7+75E	.2	5.83	15	ND	51	ND	.02	1.1	7	74	38	5.33	.02	.43	164	4	.02	36	.04	69	ND	ND	ND	7	4	ND	ND	108
HS.L450 8+00E	.2	6.79	15	ND	47	3	.02	1.8	6	104	37	8.41	.01	.58	177	5	.03	32	.03	83	ND	ND	ND	8	7	ND	ND	79
HS.L450 8+25E	.6	7.70	3	ND	21	ND	.03	1.6	3	20	35	7.67	.03	.05	208	5	.03	3	.06	104	ND	ND	ND	12	5	ND	ND	66
HS.L450 8+50E	.1	.47	11	ND	26	ND	.02	.1	6	8	16	1.75	.02	.03	130	4	.01	9	.01	22	ND	ND	ND	7	5	ND	ND	63
HS.L450 9+00E	.8	8.14	6	ND	18	ND	.01	1.1	5	24	23	5.42	.03	.25	212	6	.03	15	.05	90	ND	ND	ND	9	1	ND	ND	110
HS.L450 9+25E	.4	3.57	23	ND	31	ND	.03	1.1	5	29	51	5.70	.03	.20	217	6	.02	11	.04	70	ND	ND	ND	11	6	ND	ND	106
HS.L450 9+50E	.1	.92	12	ND	26	ND	.13	.2	12	6	56	1.87	.04	.19	159	1	.01	6	.07	26	ND	ND	ND	4	43	ND	ND	58
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

CLIENT: PANICON DEVELOPMENTS JOB#: 881081 PROJECT: HEC-STU REPORT: 881081 PA

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
HS.L450 9+75E	.1	.74	4	ND	23	ND	.05	.1	2	7	8	.66	.03	.13	40	1	.01	3	.02	19	ND	ND	ND	3	12	ND	ND	38
HS.L450 10+00E	.1	2.56	12	ND	40	ND	.26	1.1	11	20	79	4.53	.06	.65	610	5	.02	12	.05	69	ND	ND	ND	7	28	ND	ND	118
HS.L450 10+25E	.1	3.20	12	ND	32	3	.03	.8	9	13	33	4.92	.01	.95	452	5	.02	6	.04	40	ND	ND	ND	5	7	ND	ND	88
HS.L450 10+50E	.1	4.57	30	ND	85	3	.07	1.1	16	49	45	4.82	.04	.78	375	5	.02	46	.06	59	ND	ND	ND	6	8	ND	ND	127
HS.L450 10+75E	.1	2.07	17	ND	49	ND	.06	.2	5	25	19	3.10	.03	.39	193	5	.01	15	.03	36	ND	ND	ND	4	16	ND	ND	66
HS.L450 11+00E	.1	2.57	270	ND	28	5	.42	.7	41	38	75	5.61	.08	1.56	2295	9	.02	17	.19	83	ND	ND	ND	7	20	ND	ND	169
HS.L500 0+00W	.8	7.46	13	ND	19	6	.02	1.6	5	22	50	8.79	.02	.14	201	11	.04	6	.06	113	ND	ND	ND	14	2	ND	ND	75
HS.L500 0+25W	.3	4.50	28	ND	46	3	.03	1.1	7	28	52	5.68	.02	.26	166	11	.02	12	.06	69	ND	ND	ND	10	6	ND	ND	76
HS.L500 0+50W	.4	1.64	7	ND	30	4	.45	.6	23	17	43	3.82	.09	.82	845	4	.03	13	.29	31	ND	ND	ND	12	56	ND	ND	93
HS.L500 0+75W	.1	5.05	16	ND	48	ND	.12	1.1	20	22	151	5.32	.04	.50	885	9	.02	16	.13	76	ND	ND	ND	7	21	ND	ND	127
HS.L500 1+00W	.1	3.48	36	ND	142	3	.21	2.5	19	20	123	5.08	.06	1.10	1963	7	.03	21	.14	61	ND	ND	ND	6	28	ND	ND	300
HS.L500 1+25W	.1	.02	ND	ND	ND	ND	.01	.1	ND	ND	ND	.03	.01	.01	8	ND	.01	ND	.01	2	ND	ND	ND	ND	ND	ND	ND	1
HS.L500 1+50W	.4	4.37	24	ND	36	ND	.03	.6	6	21	61	4.44	.02	.28	244	7	.02	12	.09	79	ND	ND	ND	8	8	ND	ND	84
HS.L500 1+75W	.2	4.56	17	ND	30	3	.06	1.1	7	26	35	5.93	.02	.16	229	9	.02	9	.08	81	ND	ND	ND	11	8	ND	ND	82
HS.L500 2+25W	.3	3.95	21	ND	51	3	.02	.8	4	18	25	5.47	.01	.14	160	9	.02	7	.07	77	ND	ND	ND	11	6	ND	ND	74
HS.L500 2+50W	.1	2.78	13	ND	30	ND	.17	.7	9	12	79	4.28	.03	.80	690	7	.02	8	.07	71	ND	ND	ND	5	30	ND	ND	121
HS.L500 2+75W	.1	3.21	22	ND	25	ND	.20	1.1	15	14	112	5.44	.05	.65	940	6	.02	10	.12	80	ND	ND	ND	7	24	ND	ND	108
HS.L500 3+00W	.1	8.12	29	ND	33	ND	.08	.6	10	16	75	4.29	.03	.35	625	4	.02	8	.16	79	ND	ND	ND	6	12	ND	ND	83
HS.L500 3+25W	.1	3.93	130	ND	327	5	.25	1.3	22	25	81	6.28	.06	.95	2039	7	.03	21	.07	78	ND	ND	ND	8	32	ND	ND	203
HS.L500 3+50W	.1	3.75	20	ND	77	6	.27	1.3	23	14	180	6.29	.05	1.26	1714	7	.02	14	.08	58	ND	ND	ND	8	47	ND	ND	148
HST 400 01	.1	2.21	52	ND	152	ND	.86	1.1	14	24	65	3.65	.14	1.04	1264	5	.02	32	.08	46	ND	ND	ND	6	74	ND	ND	150
HST 350 02	.1	1.70	39	ND	209	ND	1.81	4.7	10	19	142	2.49	.22	.56	2127	4	.03	17	.14	84	ND	ND	ND	4	125	ND	ND	711
HHM 350 01	.1	2.35	32	ND	125	3	.42	1.3	17	39	55	4.12	.09	1.58	1511	4	.02	39	.08	48	ND	ND	ND	6	41	ND	ND	199
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)251-5656 FAX:254-5717578

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

REPORT NUMBER: 881019 GA JOB NUMBER: 881019 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
HSHM 850 1	65
HSHM 850 2	30
HSi 850 1	5
HS88 L 0+00 0+30W	5
HS88 L 0+00 0+40W	45
HS88 L 0+00 0+50W	nd
HS88 L 0+10N 0+30E	360
HS88 L 0+10N 0+40E	560
HS88 L 0+10N 0+50E	20
HS88 L 0+10N 0+30W	20
HS88 L 0+10N 0+40W	10
HS88 L 0+10N 0+50W	160
HS88 L 0+10S 0+30E	190
HS88 L 0+10S 0+40E	1065
HS88 L 0+10S 0+50E	895
HS88 L 0+10S 0+30W	15
HS88 L 0+10S 0+50W	45
HS88 L 0+20N 0+30E	835
HS88 L 0+20N 0+40E	15
HS88 L 0+20N 0+50E	15
HS88 L 0+20N 0+30W	530
HS88 L 0+20N 0+40W	65
HS88 L 0+20N 0+50W	5
HS88 L 0+20S 0+30E	50
HS88 L 0+20S 0+40E	675
HS88 L 0+20S 0+50E	1145
HS88 L 0+20S 0+30W	440
HS88 L 0+20S 0+50W	910
HS88 L 0+30N 0+00W	35
HS88 L 0+30N 0+20W	150
HS88 L 0+30N 0+30W	30
HS88 L 0+30N 0+40W	20
HS88 L 0+30N 0+50W	25
HS88 L 0+30S 0+00E	50
HS88 L 0+30S 0+10E	25
HS88 L 0+30S 0+20E	60
HS88 L 0+30S 0+30E	320
HS88 L 0+30S 0+10W	20
HS88 L 0+30S 0+20W	200
DETECTION LIMIT	5

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

VANGEOCHEM LAB LIMITED

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SAMPLE #	Au ppb
HS88 L 0+30S 0+40W	15
HS88 L 0+30S 0+50W	30
HS88 L 0+40N 0+00E	10
HS88 L 0+40N 0+10E	30
HS88 L 0+40N 0+20E	40
HS88 L 0+40N 0+30E	320
HS88 L 0+40N 0+40E	20
HS88 L 0+40N 0+50E	10
HS88 L 0+40N 0+10W	5
HS88 L 0+40N 0+20W	160
HS88 L 0+40S 0+00E	20
HS88 L 0+40S 0+10E	170
HS88 L 0+40S 0+20E	110
HS88 L 0+40S 0+30E	40
HS88 L 0+40S 0+40E	15
HS88 L 0+40S 0+10W	20
HS88 L 0+40S 0+20W	30
HS88 L 0+40S 0+30W	30
HS88 L 0+40S 0+40W	255
HS88 L 0+50N 0+00E	115
HS88 L 0+50N 0+10E	15
HS88 L 0+50N 0+20E	15
HS88 L 0+50N 0+30E	25
HS88 L 0+50N 0+40E	30
HS88 L 0+50N 0+50E	5
HS88 L 0+50N 0+10W	30
HS88 L 0+50N 0+20W	25
HS88 L 0+50N 0+30W	350
HS88 L 0+50N 0+40W	1040
HS88 L 0+50N 0+50W	120
HS88 L 0+50S 0+10E	5
HS88 L 0+50S 0+20E	20
HS88 L 0+50S 0+30E	30
HS88 L 0+50S 0+40E	30
HS88 L 0+50S 0+50E	760
HS88 L 0+50S 0+00W	15
HS88 L 0+50S 0+10W	nd
HS88 L 0+50S 0+20W	25
HSL800 0+00W	40
DETECTION LIMIT	5

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

MAIN OFFICE: 8 T PH S ET, OUVE C. 1K5 (60 -56 ELE -352
BRANCH OFFICE: 1630 PANDORA STREET. COUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-57

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 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

RECEIVED SEP 14 1988

COMPANY: PAMICON DEVELOPMENTS
ATTENTION: S TODORUK
PROJECT: HECT-SKY

REPORT#: 881019 PA
JOB#: 881019
INVOICE#: 881019 NA

DATE RECEIVED: 88/08/17
DATE COMPLETED: 88/09/10
COPY SENT TO:

ANALYST

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
HSHM 850 1	.1	2.41	40	ND	166	5	.47	7.4	28	31	179	4.78	.08	1.29	1768	6	.03	41	.12	76	ND	ND	ND	6	43	ND	ND	480
HSHM 850 2	.1	2.31	97	ND	499	4	.29	4.4	22	62	109	4.60	.04	1.87	1447	4	.03	65	.15	146	ND	ND	ND	4	37	ND	ND	642
HSI 850 1	.1	1.26	41	ND	232	ND	1.87	5.6	7	18	59	1.64	.24	.37	1487	2	.01	12	.14	50	ND	ND	ND	3	114	ND	ND	287
HS88L0+00 0+30W	.1	5.11	46	ND	56	5	.07	1.3	11	101	37	6.00	.01	.42	242	8	.02	45	.08	99	ND	ND	ND	9	8	ND	ND	153
HS88L0+00 0+40W	.5	6.08	50	ND	92	ND	.09	1.1	8	23	61	4.93	.01	.16	272	13	.03	19	.10	118	ND	ND	ND	11	8	ND	ND	184
HS88L0+00 0+50W	2.5	4.38	29	ND	34	11	.02	2.8	6	27	47	11.54	.01	.05	207	16	.04	1	.06	118	ND	ND	ND	17	6	ND	ND	89
HS88L0+10N 0+30E	.1	5.31	57	ND	62	3	.15	2.1	20	27	73	5.53	.01	.42	3160	9	.03	17	.14	131	ND	ND	ND	9	16	ND	ND	278
HS88L0+10N 0+40E	.1	1.97	28	ND	74	ND	.12	.7	6	14	52	3.55	.01	.22	278	4	.01	5	.11	57	ND	ND	ND	5	18	ND	ND	113
HS88L0+10N 0+50E	.1	2.65	17	ND	90	ND	.23	1.1	7	19	54	4.02	.05	.15	763	4	.02	8	.16	69	ND	ND	ND	5	24	ND	ND	113
HS88L0+10N 0+30W	.1	3.34	41	ND	35	ND	.21	1.5	11	23	25	4.03	.03	.83	448	6	.02	14	.07	82	ND	ND	ND	8	8	ND	ND	200
HS88L0+10N 0+40W	2.5	5.56	50	ND	50	3	.06	1.1	7	32	26	4.58	.01	.26	259	16	.03	18	.07	111	ND	ND	ND	10	6	ND	ND	149
HS88L0+10N 0+50W	.1	1.21	10	ND	75	ND	.11	.1	4	7	13	.98	.03	.11	86	2	.01	3	.02	33	ND	ND	ND	4	15	ND	ND	33
HS88L0+10S 0+30E	.1	2.97	62	ND	26	3	.24	1.6	21	21	127	5.86	.03	.38	380	5	.02	8	.11	166	ND	ND	ND	6	13	ND	ND	153
HS88L0+10S 0+40E	1.1	3.90	48	ND	50	4	.08	1.6	8	23	62	7.04	.01	.22	273	9	.02	7	.09	109	ND	ND	ND	10	10	ND	ND	125
HS88L0+10S 0+50E	.1	3.87	41	ND	162	3	.06	1.1	12	17	51	5.56	.01	.49	567	8	.02	5	.06	99	ND	ND	ND	7	11	ND	ND	142
HS88L0+10S 0+30W	.1	3.56	31	ND	72	6	.07	2.1	6	28	41	8.24	.01	.13	304	23	.03	8	.06	101	ND	ND	ND	13	13	ND	ND	164
HS88L0+10S 0+50W	.1	1.97	17	ND	34	ND	.09	.1	3	13	9	1.42	.03	.18	83	3	.01	4	.02	42	ND	ND	ND	4	15	ND	ND	47
HS88L0+20N 0+30E	.3	5.63	48	ND	57	ND	.14	1.5	14	30	62	5.20	.02	.34	491	9	.02	15	.08	125	ND	ND	ND	10	14	ND	ND	215
HS88L0+20N 0+40E	.1	1.58	8	ND	113	ND	.72	1.5	8	13	70	1.89	.12	.22	1848	1	.01	11	.20	45	ND	ND	ND	3	38	ND	ND	221
HS88L0+20N 0+50E	.1	1.27	3	ND	59	ND	.08	.2	4	12	21	2.17	.02	.12	118	2	.01	5	.07	32	ND	ND	ND	4	14	ND	ND	76
HS88L0+20N 0+30W	.1	2.36	32	ND	71	ND	.48	1.1	19	46	49	3.90	.08	.62	786	5	.02	53	.05	62	ND	ND	ND	6	19	ND	ND	151
HS88L0+20N 0+40W	.1	4.74	44	ND	93	3	.27	1.1	7	26	26	4.75	.05	.20	402	8	.02	12	.08	98	ND	ND	ND	10	24	ND	ND	138
HS88L0+20N 0+50W	.1	.73	ND	ND	120	ND	.47	.1	4	6	19	1.30	.08	.10	216	ND	.01	4	.07	20	ND	ND	ND	2	35	ND	ND	124
HS88L0+20S 0+30E	3.1	5.57	44	ND	17	5	.10	2.1	4	26	33	7.46	.01	.05	123	10	.03	2	.08	124	ND	ND	ND	14	7	ND	ND	98
HS88L0+20S 0+40E	.3	3.95	81	ND	57	7	.12	2.2	19	26	134	8.35	.01	.54	611	10	.03	11	.10	133	ND	ND	ND	9	24	ND	ND	139
HS88L0+20S 0+50E	.3	2.81	67	ND	68	5	.09	1.3	17	21	103	6.66	.02	.64	895	9	.03	11	.08	176	ND	ND	ND	7	14	ND	ND	161
HS88L0+20S 0+30W	.1	1.23	21	ND	27	ND	.13	.1	4	19	13	2.13	.05	.13	106	3	.02	7	.02	38	ND	ND	ND	4	6	ND	ND	30
HS88L0+20S 0+50W	1.6	1.44	26	ND	32	ND	.05	.8	7	16	29	3.29	.04	.10	226	6	.02	5	.06	58	ND	ND	ND	8	10	ND	ND	67
HS88L0+30N 0+00W	1.1	2.62	35	ND	55	ND	.06	.7	7	22	29	3.97	.02	.10	218	11	.03	7	.04	74	ND	ND	ND	11	5	ND	ND	111
HS88L0+30N 0+20W	.5	5.22	57	ND	69	3	.35	.8	10	24	24	4.22	.08	.29	462	7	.03	18	.09	108	ND	ND	ND	11	15	ND	ND	228
HS88L0+30N 0+30W	.3	3.07	39	ND	51	ND	.63	2.1	11	19	27	3.16	.14	.19	2144	5	.03	15	.12	83	ND	ND	ND	9	23	ND	ND	311
HS88L0+30N 0+40W	.3	6.42	55	ND	59	ND	.09	.8	3	17	18	5.21	.01	.05	218	10	.02	4	.08	119	ND	ND	ND	12	9	ND	ND	112
HS88L0+30N 0+50W	.1	4.39	46	ND	80	ND	.05	1.1	11	36	22	4.12	.01	.48	279	7	.02	30	.05	89	ND	ND	ND	9	8	ND	ND	140
HS88L0+30S 0+00E	.1	5.58	48	ND	59	ND	.06	1.1	11	36	39	5.12	.01	.27	356	9	.02	14	.07	107	ND	ND	ND	10	7	ND	ND	172
HS88L0+30S 0+10E	1.1	3.45	40	ND	26	6	.19	1.6	8	33	38	8.14	.03	.10	290	16	.03	4	.05	94	ND	ND	ND	14	3	ND	ND	87
HS88L0+30S 0+20E	1.6	5.06	62	ND	50	3	.06	1.3	11	49	35	4.59	.03	.74	300	9	.03	45	.04	108	ND	ND	ND	9	8	ND	ND	172
HS88L0+30S 0+30E	1.1	1.72	41	ND	26	5	.06	1.8	10	21	47	7.90	.03	.19	143	9	.03	5	.05	65	ND	ND	ND	9	10	ND	ND	58
HS88L0+30S 0+10W	.3	3.38	45	ND	59	ND	.12	1.1	7	34	27	3.73	.06	.26	440	6	.03	16	.09	83	ND	ND	ND	8	8	ND	ND	126
HS88L0+30S 0+20W	.1	1.53	35	ND	28	6	2.67	2.9	13	14	156	11.35	.28	.14	1971	77	.03	3	.05	56	ND	ND	ND	6	5	ND	29	92
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

CLIENT: PAMICON DEVELOPMENTS JOB#: 881019 PROJECT: HECT-SKY REPORT: 881019 PA

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
HS88L0+30S 0+40W	.1	1.27	9	ND	103	ND	.30	.9	10	13	34	2.21	.07	.32	519	3	.02	9	.08	83	ND	ND	ND	5	34	ND	ND	111
HS88L0+30S 0+50W	.8	2.61	30	ND	81	3	.14	1.2	10	24	48	4.61	.05	.37	607	8	.02	12	.07	76	ND	ND	ND	9	20	ND	ND	184
HS88L0+40N 0+00E	.2	2.04	23	ND	38	ND	.11	.9	9	22	43	3.39	.04	.19	365	5	.02	10	.08	69	ND	ND	ND	8	9	ND	ND	90
HS88L0+40N 0+10E	.8	3.80	41	ND	62	3	.06	1.4	12	40	37	4.56	.05	.27	364	8	.02	23	.07	93	ND	ND	ND	10	6	ND	ND	174
HS88L0+40N 0+20E	1.2	3.81	43	ND	67	3	.19	1.1	10	45	37	3.75	.08	.37	303	8	.02	26	.09	89	ND	ND	ND	9	13	ND	ND	144
HS88L0+40N 0+30E	.4	1.78	26	ND	36	ND	.18	.8	8	18	34	2.38	.08	.25	1031	4	.02	8	.11	72	ND	ND	ND	6	17	ND	ND	121
HS88L0+40N 0+40E	.8	3.90	46	ND	54	3	.07	1.4	12	29	47	4.68	.05	.27	548	8	.03	16	.08	99	ND	ND	ND	11	10	ND	ND	150
HS88L0+40N 0+50E	.1	1.68	10	ND	107	ND	.17	.4	11	13	41	2.99	.03	.25	475	3	.01	5	.06	45	ND	ND	ND	5	20	ND	ND	67
HS88L0+40N 0+10W	.1	4.97	40	ND	50	ND	.05	1.6	6	28	35	4.63	.01	.21	404	8	.01	16	.10	98	ND	ND	ND	10	6	ND	ND	149
HS88L0+40N 0+20W	.1	3.82	332	ND	81	ND	.35	.1	14	29	26	4.39	.06	.43	961	6	.01	17	.12	86	ND	ND	ND	9	18	ND	ND	258
HS88L0+40S 0+00E	.1	5.84	51	ND	47	ND	.05	1.1	7	25	25	4.48	.01	.19	339	9	.02	14	.08	113	ND	ND	ND	11	6	ND	ND	182
HS88L0+40S 0+10E	.1	3.49	39	ND	57	5	.07	3.1	18	25	66	9.45	.01	.49	752	10	.02	7	.11	77	ND	ND	ND	7	17	ND	ND	96
HS88L0+40S 0+20E	.2	1.33	25	ND	20	3	.04	1.2	8	19	46	5.73	.01	.13	241	6	.02	5	.16	83	ND	ND	ND	10	9	ND	ND	80
HS88L0+40S 0+30E	.1	2.91	28	ND	56	ND	.06	.9	7	40	27	4.38	.01	.40	153	5	.01	21	.03	72	ND	ND	ND	7	11	ND	ND	88
HS88L0+40S 0+40E	.1	1.51	9	ND	51	ND	.07	.1	4	12	17	1.71	.02	.10	124	2	.01	5	.03	49	ND	ND	ND	6	20	ND	ND	50
HS88L0+40S 0+10W	.1	3.85	38	ND	59	ND	.06	1.1	6	45	31	4.79	.01	.35	471	7	.01	20	.05	83	ND	ND	ND	9	11	ND	ND	125
HS88L0+40S 0+20W	1.3	6.34	57	ND	51	ND	.04	1.2	7	40	39	4.87	.03	.28	345	10	.02	20	.08	124	ND	ND	ND	12	5	ND	ND	218
HS88L0+40S 0+30W	.1	3.10	44	ND	134	ND	.15	1.2	13	36	59	4.12	.04	.63	1690	10	.02	27	.08	191	ND	ND	ND	6	18	ND	ND	278
HS88L0+40S 0+40W	.1	2.03	21	ND	72	ND	.12	1.2	11	22	27	4.10	.03	.21	749	7	.02	8	.10	67	ND	ND	ND	9	17	ND	ND	95
HS88L0+50N 0+00E	.1	2.20	23	ND	27	ND	.09	.9	11	58	37	4.28	.02	.42	546	6	.01	11	.12	63	ND	ND	ND	7	10	ND	ND	105
HS88L0+50N 0+10E	.1	4.33	33	ND	39	ND	.05	2.1	9	30	37	4.84	.01	.28	524	7	.01	17	.17	90	ND	ND	ND	9	7	ND	ND	157
HS88L0+50N 0+20E	.1	5.10	40	ND	55	3	.12	1.7	8	26	42	6.39	.01	.10	636	9	.01	5	.11	105	ND	ND	ND	12	18	ND	ND	114
HS88L0+50N 0+30E	.1	7.43	58	ND	48	3	.06	1.2	4	28	36	5.94	.01	.10	335	14	.02	8	.09	130	ND	ND	ND	13	6	ND	ND	149
HS88L0+50N 0+40E	2.4	7.76	65	ND	46	3	.02	1.2	7	21	33	5.36	.01	.14	385	12	.03	11	.07	145	ND	ND	ND	15	2	ND	ND	271
HS88L0+50N 0+50E	.1	1.25	ND	ND	85	ND	.42	.4	7	18	27	1.87	.06	.28	366	1	.01	9	.10	33	ND	ND	ND	4	36	ND	ND	89
HS88L0+50N 0+10W	.4	1.43	25	ND	47	ND	.05	1.1	11	15	63	3.80	.01	.07	193	6	.01	4	.04	63	ND	ND	ND	13	8	ND	ND	70
HS88L0+50N 0+20W	.2	4.70	46	ND	44	6	.04	2.1	8	43	51	8.27	.01	.10	227	12	.02	7	.09	118	ND	ND	ND	16	8	ND	ND	131
HS88L0+50N 0+30W	.1	3.13	37	ND	36	ND	.20	1.5	11	51	55	4.84	.03	.30	852	7	.01	21	.09	98	ND	ND	ND	8	16	ND	ND	109
HS88L0+50N 0+40W	.1	1.95	30	ND	49	ND	.22	1.2	13	20	130	4.16	.03	.57	623	6	.01	12	.10	55	ND	ND	ND	5	27	ND	ND	99
HS88L0+50N 0+50W	.1	4.54	44	ND	166	ND	.31	2.1	8	26	35	4.71	.07	.42	1473	7	.02	21	.11	98	ND	ND	ND	11	23	ND	ND	300
HS88L0+50S 0+10E	.6	6.25	60	ND	42	4	.05	2.2	6	47	35	6.80	.01	.29	317	11	.02	16	.12	129	ND	ND	ND	14	8	ND	ND	139
HS88L0+50S 0+20E	.2	6.46	56	ND	36	3	.04	2.2	6	33	50	6.99	.01	.29	318	11	.02	12	.10	136	ND	ND	ND	14	6	ND	ND	198
HS88L0+50S 0+30E	.1	2.09	23	ND	44	ND	.05	1.6	6	19	34	4.78	.01	.26	149	4	.01	6	.05	55	ND	ND	ND	7	13	ND	ND	66
HS88L0+50S 0+40E	.1	3.53	34	ND	86	ND	.11	2.1	6	53	27	4.30	.01	.58	189	5	.01	35	.04	69	ND	ND	ND	7	13	ND	ND	146
HS88L0+50S 0+50E	.1	2.80	35	ND	61	9	.18	2.9	24	49	104	10.57	.01	.49	793	16	.02	10	.09	98	ND	ND	ND	9	27	ND	ND	83
HS88L0+50S 0+00W	.1	.83	ND	ND	46	ND	.15	.1	4	11	28	1.13	.03	.12	94	1	.01	3	.06	40	ND	ND	ND	4	18	ND	ND	62
HS88L0+50S 0+10W	.1	5.36	53	ND	67	ND	.05	1.2	11	39	43	5.03	.01	.39	517	10	.02	25	.08	112	ND	ND	ND	12	6	ND	ND	228
HS88L0+50S 0+20W	.1	3.96	39	ND	51	ND	.04	1.2	5	23	30	4.06	.01	.13	269	10	.02	9	.07	94	ND	ND	ND	12	7	ND	ND	129
HSL800 0+00W	.6	2.41	33	ND	16	3	.03	1.2	4	17	42	5.60	.03	.13	146	9	.02	4	.06	82	ND	ND	ND	12	4	ND	ND	54
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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REPORT NUMBER: 881018 GA JOB NUMBER: 881018 **PAMICON DEVELOPMENT LTD.** PAGE 1 OF 1

SAMPLE #	Au ppb
HSL290 3+25W	5
HSL290 3+50W	10
HSL290 3+75W	nd
HSL290 4+00W	10
HSL290 4+25W	10
HSL290 4+50W	5
HSL290 4+75W	20
HSL290 5+00W	15
HSL380 0+00W	nd
HSL380 0+25W	25
HSL380 0+50W	10
HSL380 0+75W	20
HSL380 1+00W	15
HSL380 1+25W	nd
HSL380 1+50W	5
HSL380 1+75W	25
HSL380 2+00W	15
HSL380 2+25W	10
HSL380 2+50W	10
HSL380 2+75W	5
HSL380 3+00W	5
HSL380 3+25W	15
HSL380 3+50W	10
HSL380 3+75W	10

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH:(604)251-5656 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 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

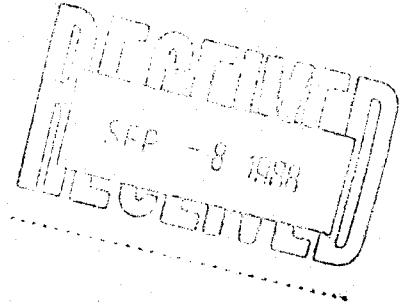
COMPANY: PAMICON DEVELOPMENTS
ATTENTION: S TODORUK
PROJECT: HECT ~~SKY~~ STU

REPORT#: 881018 PA
JOB#: 881018
INVOICE#: 881018 NA

DATE RECEIVED: 88/08/17
DATE COMPLETED: 88/09/07
COPY SENT TO:

ANALYST

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
HSL290 3+25W	.1	1.25	5	ND	87	ND	.42	.7	4	14	18	3.46	.07	.12	788	12	.02	13	.03	40	ND	ND	ND	6	37	ND	ND	97
HSL290 3+50W	.1	2.89	6	ND	92	ND	.15	.7	4	15	31	.94	.04	.18	236	3	.07	19	.13	51	ND	ND	ND	4	8	ND	ND	132
HSL290 3+75W	.1	1.22	ND	ND	232	ND	.19	.1	7	9	10	1.17	.05	.10	677	1	.01	5	.04	28	ND	ND	ND	3	15	ND	ND	78
HSL290 4+00W	.1	1.54	13	ND	64	ND	.02	1.2	5	41	20	4.81	.01	.18	94	4	.01	12	.04	37	ND	ND	ND	5	5	ND	ND	66
HSL290 4+25W	.1	1.49	11	ND	57	ND	.03	.8	7	36	22	4.33	.01	.20	103	4	.01	14	.02	33	ND	ND	ND	6	9	ND	ND	45
HSL290 4+50W	1.1	2.49	22	ND	86	ND	.44	1.2	5	22	26	4.87	.08	.17	182	8	.03	12	.04	63	ND	ND	ND	8	41	ND	ND	138
HSL290 4+75W	.1	2.37	16	ND	207	ND	1.23	1.5	11	19	49	2.72	.23	.51	2263	3	.03	22	.11	44	ND	ND	ND	6	87	ND	ND	182
HSL290 5+00W	1.9	4.50	7	ND	58	ND	.02	1.5	4	20	21	6.55	.14	.05	114	7	.03	5	.04	95	ND	ND	ND	9	4	ND	ND	60
HSL380 0+00W	6.3	9.25	ND	ND	19	ND	.01	1.1	2	17	22	5.08	.16	.03	161	6	.03	1	.05	135	ND	ND	ND	7	1	ND	ND	51
HSL380 0+25W	1.1	2.10	16	ND	53	ND	.03	1.1	6	16	19	5.00	.14	.20	158	16	.02	7	.03	58	ND	ND	ND	8	5	ND	ND	51
HSL380 0+50W	.1	4.44	9	ND	54	3	.02	1.7	4	43	33	7.17	.12	.24	161	6	.02	14	.06	82	ND	ND	ND	7	4	ND	ND	76
HSL380 0+75W	.2	4.67	12	ND	74	ND	.02	1.2	6	41	39	5.63	.13	.29	162	6	.02	17	.05	81	ND	ND	ND	7	4	ND	ND	82
HSL380 1+00W	.5	5.17	12	ND	42	ND	.03	.8	5	31	29	3.86	.13	.32	269	4	.02	20	.07	75	ND	ND	ND	5	5	ND	ND	85
HSL380 1+25W	1.1	6.92	ND	ND	23	ND	.01	.8	3	22	26	4.69	.12	.11	149	5	.02	8	.06	98	ND	ND	ND	7	2	ND	ND	64
HSL380 1+50W	.1	3.21	12	ND	186	ND	.65	1.2	10	18	45	3.75	.22	.36	2993	6	.04	22	.09	60	ND	ND	ND	7	45	ND	ND	173
HSL380 1+75W	1.3	2.17	10	ND	37	ND	.07	1.5	7	14	40	5.47	.11	.06	193	9	.02	4	.04	64	ND	ND	ND	13	13	ND	ND	65
HSL380 2+00W	1.3	4.18	13	ND	35	4	.04	1.7	5	29	31	7.21	.12	.07	157	9	.02	5	.03	91	ND	ND	ND	12	9	ND	ND	48
HSL380 2+25W	3.1	3.82	11	ND	28	5	.03	2.1	5	16	32	9.07	.11	.05	151	9	.03	3	.04	109	ND	ND	ND	15	8	ND	ND	55
HSL380 2+50W	.1	2.53	12	ND	51	ND	.10	1.1	9	22	28	4.83	.12	.37	4242	4	.02	13	.16	54	ND	ND	ND	7	10	ND	ND	125
HSL380 2+75W	3.7	8.65	ND	ND	24	ND	.01	1.7	3	16	24	6.40	.10	.04	228	6	.03	2	.06	125	ND	ND	ND	9	1	ND	ND	60
HSL380 3+00W	1.1	4.74	13	ND	31	ND	.04	1.2	4	47	22	5.25	.09	.26	150	4	.02	24	.04	78	ND	ND	ND	7	6	ND	ND	67
HSL380 3+25W	1.9	5.35	8	ND	36	ND	.03	1.3	5	15	82	6.05	.09	.18	263	6	.03	8	.07	98	ND	ND	ND	9	8	ND	ND	96
HSL380 3+50W	.1	2.11	4	ND	37	ND	.18	.6	10	6	57	3.50	.10	.48	359	2	.01	6	.04	45	ND	ND	ND	6	40	ND	ND	58
HSL380 3+75W	.5	2.14	6	ND	37	ND	.18	1.1	12	9	76	4.05	.10	.51	643	3	.02	9	.07	70	ND	ND	ND	7	29	ND	ND	80
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



VGC

VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY
1988 Triumph Street
Vancouver, B.C. V5L 1K5
(604)251-5656 FAX:254-5717

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

REPORT NUMBER: 881012 GA JOB NUMBER: 881012 PAMICON DEVELOPMENT LTD. PAGE 1 OF 1

SAMPLE #	Au ppb
33415	>10000

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

VANGEOCHEM LAB LIMITED

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BRANCH OFFICE
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(604) 251-5656

REPORT NUMBER: BB1012 AA JOB NUMBER: BB1012 PAMICON DEVELOPMENT LTD. PAGE 1 OF 1

SAMPLE #	Au oz/st
33415	.490

DETECTION LIMIT .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: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH:(604)251-5656 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 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 MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PB DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: PAMICON
ATTENTION: MR. S. TODORUK
PROJECT: HECT-

REPORT#: 881012PA
JOB#: 881012
INVOICE#: 881012NA

DATE RECEIVED: 88/08/17
DATE COMPLETED: 88/09/02
COPY SENT TO:

ANALYST

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
33415	17.4	.94	25	15	207	10	.24	1.1	9	66	119	5.16	.09	.42	340	1	.02	3	.06	25	ND	ND	ND	3	17	10	ND	5
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	3	.01	2	3	5	2	2	1	5	3	

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

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

31 soils on Hec-Sky

REPORT NUMBER: 880982 GA JOB NUMBER: 880982 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
HS-87 08/08/88		685
HS-88 08/08/88		20
HS-89 08/08/88		30
H88/290	0+00W	130
H88/290	0+25W	585
H88/290	0+50W	95
H88/290	0+75W	1020
H88/290	1+00W	40
H88/290	1+25W	45
H88/290	1+50W	50
H88/290	1+75W	30
H88/290	2+00W	25
H88/290	2+25W	35
H88/290	2+50W	25
H88/290	2+75W	5
H88/290	3+00W	40
H88/330	0+00W	30
H88/330	0+25W	35
H88/330	0+50W	75
H88/330	0+75W	45
H88/330	1+50W A	30
H88/330	1+50W B	60
H88/330	1+75W	20
H88/330	2+00W	30
H88/330	2+25W	25
H88/330	2+50W	20
H88/330	2+75W	30
H88/330	3+00W	25
H88/330	3+25W	15
H88/330	3+50W	10
H88/330	3+75W	25
H88/330	4+00W	35
H88/330	4+25W	15
H88/330	4+50W	10
HS 930	0+00NE	25
HS 930	0+10NE	15
HS 930	0+20NE	45
HS 930	0+30NE	20
HS 930	0+50NE	5

Hect-Sky

Hec-Sky

Hect-Sky

DETECTION LIMIT 5

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

CLIENT: PANICON DEVELOPMENTS JOB#: 880982 PROJECT: HECT SKY REPORT: 880982 PA

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
HS-87 08/08/88	2.1	3.30	29	ND	51	ND	.09	1.3	8	17	70	4.59	.05	.33	283	5	.02	10	.07	118	ND	ND	ND	4	15	ND	ND	127
HS-88 08/08/88	.1	2.24	35	ND	88	7	1.33	2.6	21	15	145	8.67	.24	.26	1500	11	.03	10	.07	54	ND	ND	ND	6	23	ND	ND	126
HS-89 08/08/88	.6	5.18	ND	ND	38	ND	.71	1.3	12	20	22	2.49	.15	.15	351	ND	.03	31	.09	66	ND	ND	ND	1	25	ND	ND	336
H88/290 0+00W	.1	2.12	12	ND	43	ND	.03	.2	4	28	16	2.47	.04	.24	67	4	.01	11	.01	30	ND	ND	ND	2	6	ND	ND	42
H88/290 0+25W	.1	1.48	4	ND	31	ND	.02	.1	2	2	9	.92	.04	.12	56	ND	.01	2	.01	18	ND	ND	ND	1	6	ND	ND	36
H88/290 0+50W	1.6	4.77	19	ND	76	ND	.02	1.1	5	24	24	5.30	.05	.22	178	5	.03	14	.03	71	ND	ND	ND	6	7	ND	ND	128
H88/290 0+75W	2.5	2.99	43	ND	83	6	.11	1.5	5	12	42	6.30	.06	.35	313	6	.03	7	.06	96	ND	ND	ND	5	39	ND	ND	125
H88/290 1+00W	2.1	5.63	11	ND	86	ND	.02	1.1	7	36	29	5.24	.05	.24	242	5	.03	19	.05	61	ND	ND	ND	6	5	ND	ND	150
H88/290 1+25W	.1	2.98	14	ND	49	ND	.02	.8	4	38	21	4.57	.04	.23	96	4	.02	12	.03	49	ND	ND	ND	4	6	ND	ND	58
H88/290 1+50W	.4	4.12	12	ND	62	ND	.05	.6	7	29	21	4.10	.05	.24	185	4	.02	21	.04	50	ND	ND	ND	6	6	ND	ND	144
H88/290 1+75W	.1	3.84	8	ND	66	ND	.03	.5	4	36	17	3.91	.04	.24	97	2	.02	13	.02	39	ND	ND	ND	3	12	ND	ND	67
H88/290 2+00W	.6	5.38	13	ND	57	ND	.04	.8	5	48	26	4.76	.05	.32	156	3	.02	25	.03	51	ND	ND	ND	5	6	ND	ND	118
H88/290 2+25W	.1	2.27	9	ND	226	ND	.12	1.1	9	36	11	4.99	.06	.22	811	3	.02	9	.05	43	ND	ND	ND	4	17	ND	ND	130
H88/290 2+50W	.1	3.81	6	ND	202	ND	.17	1.1	11	27	28	3.98	.07	.25	1015	3	.02	18	.06	47	ND	ND	ND	5	28	ND	ND	190
H88/290 2+75W	.1	1.64	ND	ND	64	ND	.05	.1	3	8	8	1.27	.03	.13	116	2	.01	2	.02	21	ND	ND	ND	3	16	ND	ND	39
H88/290 3+00W	.1	4.27	19	ND	78	4	.04	1.6	5	54	24	6.95	.06	.24	126	6	.03	15	.03	53	ND	ND	ND	6	10	ND	ND	80
H88/330 0+00W	.1	7.08	5	ND	94	ND	.14	1.1	6	10	14	5.53	.07	.39	288	3	.02	6	.09	54	ND	ND	ND	ND	86	ND	ND	66
H88/330 0+25W	.1	2.46	20	ND	73	ND	.07	.8	6	50	23	4.71	.05	.46	157	3	.02	24	.04	40	ND	ND	ND	5	11	ND	ND	89
H88/330 0+50W	.1	5.48	8	ND	79	3	.03	1.1	12	27	24	4.82	.05	.31	1087	7	.03	18	.13	54	ND	ND	ND	5	5	ND	ND	158
H88/330 0+75W	.1	2.21	16	ND	80	ND	.11	.8	7	17	21	5.18	.06	.16	223	14	.03	9	.06	57	ND	ND	ND	10	36	ND	ND	91
H88/330 1+50W A	.1	2.12	26	ND	36	4	.02	1.3	7	48	28	6.25	.05	.20	82	5	.02	18	.03	45	ND	ND	ND	8	4	ND	ND	50
H88/330 1+50W B	.1	.83	5	ND	25	ND	.01	.1	4	12	12	1.28	.02	.06	44	2	.01	6	.01	20	ND	ND	ND	5	3	ND	ND	20
H88/330 1+75W	.4	1.88	23	ND	51	5	.05	1.3	7	24	26	6.35	.05	.16	267	8	.03	14	.04	58	ND	ND	ND	11	9	ND	ND	112
H88/330 2+00W	2.2	6.14	7	ND	40	ND	.02	1.1	7	26	27	4.48	.05	.25	214	5	.03	22	.04	60	ND	ND	ND	6	3	ND	ND	168
H88/330 2+25W	4.4	5.30	9	ND	31	ND	.04	.8	8	13	26	4.23	.06	.18	289	5	.03	12	.04	60	ND	ND	ND	7	4	ND	ND	150
H88/330 2+50W	2.1	5.21	11	ND	41	ND	.05	.8	7	32	37	4.60	.06	.27	233	4	.03	23	.04	56	ND	ND	ND	6	4	ND	ND	140
H88/330 2+75W	.1	2.52	15	ND	76	ND	.04	1.6	8	36	30	5.16	.04	.28	201	4	.02	16	.03	48	ND	ND	ND	7	9	ND	ND	81
H88/330 3+00W	.1	3.65	16	ND	50	ND	.07	1.5	6	38	28	5.78	.04	.23	153	4	.02	13	.04	59	ND	ND	ND	8	14	ND	ND	81
H88/330 3+25W	.1	1.03	8	ND	62	ND	.40	.2	7	13	21	2.04	.09	.25	114	3	.01	9	.07	28	ND	ND	ND	5	45	ND	ND	84
H88/330 3+50W	.1	1.92	26	ND	52	ND	.06	.6	8	56	23	3.35	.04	.80	210	2	.02	46	.02	29	ND	ND	ND	3	10	ND	ND	89
H88/330 3+75W	1.6	5.94	11	ND	37	ND	.03	.8	6	37	30	4.69	.05	.21	194	5	.02	20	.03	60	ND	ND	ND	7	4	ND	ND	121
H88/330 4+00W	.4	1.76	22	ND	52	4	.09	1.1	8	27	32	5.56	.06	.24	267	7	.03	14	.04	67	ND	ND	ND	11	12	ND	ND	94
H88/330 4+25W	1.1	9.82	ND	ND	47	ND	.05	.8	7	26	71	5.08	.06	.16	365	2	.03	20	.07	64	ND	ND	ND	3	3	ND	ND	193
H88/330 4+50W	.1	5.25	17	ND	46	6	.03	1.8	8	75	50	7.12	.05	.62	219	3	.03	40	.04	48	ND	ND	ND	5	6	ND	ND	107
HS 930 0+00NE	.1	2.50	55	ND	86	3	.51	1.1	22	69	60	3.54	.12	1.46	1705	6	.03	79	.17	50	ND	ND	ND	3	64	ND	ND	226
HS 930 0+10NE	.1	3.24	48	ND	44	ND	.23	1.1	14	84	54	4.56	.08	.96	901	3	.03	63	.18	139	ND	ND	ND	4	28	ND	ND	192
HS 930 0+20NE	.1	4.66	35	ND	29	5	.06	1.6	29	45	96	5.92	.07	.64	3568	8	.03	32	.14	85	ND	ND	ND	6	9	ND	ND	147
HS 930 0+30NE	1.1	4.49	38	ND	46	ND	.13	1.3	17	39	58	4.51	.07	.49	1742	6	.04	33	.13	78	ND	ND	ND	4	16	ND	ND	236
HS 930 0+50NE	3.1	3.65	39	ND	14	16	.02	3.8	5	69	54	14.09	.08	.05	202	11	.05	4	.05	108	ND	ND	ND	16	3	ND	ND	70
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

VGC

VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY
1988 Triumph Street
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(604)251-5656 FAX:254-5717

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

REPORT NUMBER: 880869 GA JOB NUMBER: 880869 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
H88 ST - 1	65
H88 ST - 2	60
H88 ST - 3	5
H88 ST - 4	nd

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

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH:(604)251-5656 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 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 DEVELOPMENT
ATTENTION: MR. S. TODORUK
PROJECT: HEC

REPORT#: 880869PA
JOB#: 880869
INVOICE#: 880869NA

DATE RECEIVED: 88/08/04
DATE COMPLETED: 88/08/12
COPY SENT TO:

ANALYST

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
H88 ST - 1	.1	2.11	44	ND	150	3	.66	3.2	15	27	60	3.91	.13	1.39	1595	2	.02	20	.13	14	ND	ND	ND	ND	44	ND	ND	331
H88 ST - 2	.1	2.17	45	ND	245	ND	.54	2.9	16	28	57	4.13	.12	1.49	1549	2	.02	20	.12	13	ND	ND	ND	ND	42	ND	ND	351
H88 ST - 3	.2	2.53	13	ND	146	3	.64	4.0	17	41	44	3.79	.13	1.07	1943	6	.03	40	.07	15	ND	ND	ND	ND	31	ND	ND	525
H88 ST - 4	.1	1.97	52	ND	147	ND	.59	3.0	15	27	54	3.77	.12	1.35	1318	2	.02	19	.12	15	ND	ND	ND	ND	44	ND	ND	332
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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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 880779 GA JOB NUMBER: 880779 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb	
H 88 - 1		25	0+20S/0+20E
H 88 - 2		15	0+20S/0+10E
H 88 - 3		40	0+20S/0+00
H 88 - 4		35	0+20S/0+10W
H 88 - 5		130	0+20S/0+20W
H 88 - 6		470	0+10S/0+20E
H 88 - 7		110	0+10S/0+10E
H 88 - 8		240	0+10S/0+00
H 88 - 9		575	0+10S/0+10W
H 88 - 10		30	0+10S/0+20W
H 88 - 11		575	0+00/0+20E
H 88 - 12		115	0+00/0+10E
H 88 - 13		1110	0+00/0+00
H 88 - 14		20	0+00/0+10W
H 88 - 15		25	0+00/0+20W
H 88 - 16		145	0+10N/0+20E
H 88 - 17		80	0+10N/0+10E
H 88 - 18		135	0+10N/0+00
H 88 - 19		60	0+10N/0+10W
H 88 - 20		25	0+10N/0+20W
H 88 - 21		475	0+20N/0+20E
H 88 - 22		115	0+20N/0+10E
H 88 - 23		60	0+20N/0+00
H 88 - 24		190	0+20N/0+10W
H 88 - 25		30	0+20N/0+20W
H 88 L 2+00	0+00W	25	
H 88 L 2+00	0+25W	75	
H 88 L 2+00	0+50W	15	
H 88 L 2+00	0+75W	20	
H 88 L 2+00	1+00W	50	
H 88 L 2+00	1+25W	50	
H 88 L 2+00	1+50W	25	
H 88 L 2+00	1+75W	10	
H 88 L 2+00	2+00W	20	
H 88 L 2+00	2+25W	35	
H 88 L 2+00	2+50W	10	
H 88 L 2+00	2+75W	25	
H 88 L 2+00	3+00W	30	
H 88 L 2+00	3+25W	50	
DETECTION LIMIT		5	

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

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1988 Triumph Street
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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

SAMPLE #		Au ppb
LH 8810+01	3+00W	10
LH 8810+01	3+25W	35
LH 8810+02	0+00E	30
LH 8810+02	0+25E	20
LH 8810+02	0+50E	10
LH 8810+02	0+75E	10
LH 8810+02	1+00E	15
LH 8810+02	1+25E	25
LH 8810+02	1+50E	80
LH 8810+02	1+75E	40
LH 8810+02	2+00E	10
LH 8810+02	2+25E	25
LH 8810+02	2+50E	30
LH 8810+02	2+75E	160
LH 8810+02	3+00E	5
LH 8810+02	3+25E	20
LH 8810+02	3+50E	700
LH 8810+02	3+75E	300
LH 8810+02	4+00E	1500
LH 8810+02	4+25E	5
HS 88 DUPLICATE		1700

DETECTION LIMIT 5

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

VGC

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

SAMPLE #		Au ppb
H 88 L 2+00	3+75W	10
H 88 L 2+00	4+00W	30
H 88 L 2+00	4+25W	15
H 88 L 2+50	0+00W	nd
H 88 L 2+50	0+25W	10
H 88 L 2+50	0+50W	50
H 88 L 2+50	0+75W	80
H 88 L 2+50	1+00W	175
H 88 L 2+50	1+25W	130
H 88 L 2+50	1+50W	55
H 88 L 2+50	1+75W	25
H 88 L 2+50	2+00W	25
H 88 L 2+50	2+25W	20
H 88 L 2+50	2+50W	20
H 88 L 2+50	2+75W	10
H 88 L 2+50	3+00W	30
H 88 L 2+50	3+25W	30
H 88 L 2+50	3+50W	20
H 88 L 2+50	3+75W	20
H 88 L 2+50	4+00W	25
H 88 L 2+50	4+25W	65
H 88 L 2+50	4+50W	20
H 88 L 2+50	4+75W	20
H 88 L 2+50	5+00W	10
H 88 L 2+50	5+25W	200
H 88 L 2+50	5+50W	25
H 88 L 2+50	5+75W	10
LH 8810+01	0+00W	25
LH 8810+01	0+25W	150
LH 8810+01	0+50W	30
LH 8810+01	0+75W	10
LH 8810+01	1+00W	10
LH 8810+01	1+25W	120
LH 8810+01	1+50W	100
LH 8810+01	1+75W	5
LH 8810+01	2+00W	15
LH 8810+01	2+25W	245
LH 8810+01	2+50W	25
LH 8810+01	2+75W	20
DETECTION LIMIT		5

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

VANGEOCHEM L 3 LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH:(604)251-5656 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 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 DEVELOPMENT
ATTENTION: S TODORUK
PROJECT: HEC

REPORT#: 880779 PA
JOB#: 880779
INVOICE#: 880779 NA

DATE RECEIVED: 88/07/25
DATE COMPLETED: 88/08/07
COPY SENT TO:

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
H88 1	1.1	5.44	ND	ND	42	ND	.05	1.8	5	36	27	5.05	.02	.28	251	4	.03	21	.04	61	ND	ND	ND	ND	5	ND	ND	126
H88 2	.1	3.41	ND	ND	27	ND	.14	1.7	7	33	28	6.00	.01	.22	198	4	.03	10	.04	43	ND	ND	ND	2	8	ND	ND	63
H88 3	.1	1.86	9	ND	28	ND	.14	1.6	12	21	30	5.75	.02	.38	329	5	.03	7	.05	28	ND	ND	ND	4	14	ND	ND	52
H88 4	1.1	5.79	ND	ND	54	ND	.07	2.1	8	44	33	6.55	.02	.30	503	4	.07	23	.05	67	ND	ND	ND	ND	7	ND	ND	198
H88 5	.1	5.49	ND	ND	54	4	.64	3.1	10	34	68	10.99	.08	.22	696	20	.04	9	.07	51	ND	ND	ND	ND	20	ND	ND	78
H88 6	.1	2.72	6	ND	42	ND	.48	1.7	16	21	56	5.14	.05	.24	811	4	.04	10	.06	51	ND	ND	ND	ND	14	ND	ND	116
H88 7	.5	6.05	ND	ND	39	ND	.11	2.1	9	29	59	6.48	.02	.22	359	6	.10	15	.07	71	ND	ND	ND	ND	10	ND	ND	145
H88 8	1.1	3.75	ND	ND	43	3	.17	2.1	12	29	56	6.80	.02	.22	668	5	.07	11	.08	57	ND	ND	ND	3	13	ND	ND	111
H88 9	1.6	6.45	ND	ND	50	ND	.15	2.1	14	29	130	7.01	.03	.20	691	6	.14	16	.07	68	ND	ND	ND	ND	9	ND	ND	187
H88 10	.1	4.69	ND	ND	39	3	.07	1.8	6	50	31	8.19	.01	.30	302	7	.07	17	.05	54	ND	ND	ND	ND	7	ND	ND	116
H88 11	.1	2.22	10	ND	39	ND	.20	1.7	8	20	42	6.33	.02	.30	320	4	.04	7	.04	68	ND	ND	ND	2	14	ND	ND	78
H88 12	.1	2.16	5	ND	36	ND	.19	1.7	6	23	29	5.04	.01	.16	261	4	.07	7	.05	43	ND	ND	ND	5	13	ND	ND	62
H88 13	.1	3.22	ND	ND	82	4	1.35	2.4	27	19	158	10.89	.14	.30	2207	14	.04	7	.08	46	ND	ND	ND	ND	26	ND	12	153
H88 14	1.1	4.87	ND	ND	42	ND	.17	1.7	8	25	29	5.67	.01	.22	364	4	.11	12	.06	58	ND	ND	ND	ND	16	ND	ND	115
H88 15	.1	5.55	ND	ND	64	ND	.30	2.1	10	47	34	6.12	.03	.58	357	4	.07	38	.05	57	ND	ND	ND	ND	13	ND	ND	174
H88 16	.1	3.80	ND	ND	61	ND	.22	2.4	11	30	89	6.48	.01	.41	528	4	.06	20	.11	80	ND	ND	ND	ND	18	ND	ND	141
H88 17	.1	4.16	ND	ND	58	3	.34	1.8	8	43	41	7.46	.03	.22	616	7	.08	15	.06	52	ND	ND	ND	1	11	ND	ND	110
H88 18	.5	4.58	ND	ND	57	ND	.60	1.7	10	24	41	7.08	.06	.15	755	7	.08	6	.07	61	ND	ND	ND	2	18	ND	ND	101
H88 19	.1	3.62	5	ND	170	ND	1.39	3.2	37	58	151	7.19	.14	1.28	2428	8	.05	51	.08	27	ND	ND	ND	ND	50	ND	ND	347
H88 20	.1	2.79	6	ND	30	ND	.50	1.6	20	92	68	6.15	.04	.54	481	8	.05	64	.06	41	ND	ND	ND	2	15	ND	ND	142
H88 21	.1	5.54	ND	ND	46	ND	.20	1.7	11	22	55	5.82	.01	.25	576	4	.08	15	.07	71	ND	ND	ND	ND	11	ND	ND	210
H88 22	.1	4.95	ND	ND	68	3	.48	1.8	16	49	55	7.26	.04	.46	808	49	.11	33	.06	51	ND	ND	ND	1	10	ND	ND	173
H88 23	.1	4.77	ND	ND	54	ND	.34	1.7	15	40	40	5.66	.03	.40	696	6	.12	33	.06	53	ND	ND	ND	ND	10	ND	ND	215
H88 24	.1	2.00	10	ND	69	ND	1.18	1.6	22	55	84	6.55	.11	.43	3424	10	.03	25	.08	26	ND	ND	ND	1	27	ND	ND	159
H88 25	.1	2.75	ND	ND	78	ND	.72	1.8	11	35	30	4.90	.07	.34	2763	3	.08	19	.10	34	ND	ND	ND	ND	24	ND	ND	231
H88 L2+00 0+00W	.5	6.16	ND	ND	48	ND	.06	1.5	5	21	27	6.50	.01	.17	299	6	.27	13	.07	69	ND	ND	ND	ND	6	ND	ND	148
H88 L2+00 0+25W	.1	5.19	ND	ND	40	ND	.03	1.3	5	35	28	6.75	.01	.14	123	4	.14	8	.04	59	ND	ND	ND	1	5	ND	ND	82
H88 L2+00 0+50W	1.6	5.94	ND	ND	29	ND	.04	1.7	5	24	94	7.24	.01	.20	301	6	.28	10	.06	72	ND	ND	ND	ND	3	ND	ND	187
H88 L2+00 0+75W	.1	1.97	7	ND	52	ND	.07	1.2	3	17	26	4.89	.01	.12	211	4	.11	6	.06	50	ND	ND	ND	4	9	ND	ND	85
H88 L2+00 1+00W	.1	5.84	ND	ND	125	ND	.24	2.2	18	18	32	8.21	.03	.20	878	8	.22	5	.08	144	ND	ND	ND	ND	21	ND	ND	232
H88 L2+00 1+25W	.1	3.99	ND	ND	58	ND	.17	1.2	6	27	24	4.51	.01	.36	405	2	.03	16	.07	51	ND	ND	ND	ND	14	ND	ND	82
H88 L2+00 1+50W	.1	4.94	ND	ND	43	ND	.10	1.5	4	24	49	5.89	.01	.13	215	5	.20	8	.08	57	ND	ND	ND	ND	7	ND	ND	111
H88 L2+00 1+75W	.1	1.41	10	ND	54	ND	.10	1.2	4	20	27	5.12	.01	.08	201	4	.12	7	.04	36	ND	ND	ND	7	13	ND	ND	84
H88 L2+00 2+00W	.1	1.98	6	ND	49	ND	.16	1.2	4	25	20	5.35	.01	.13	177	7	.08	7	.03	43	ND	ND	ND	5	16	ND	ND	79
H88 L2+00 2+25W	.1	5.74	ND	ND	51	ND	.10	1.6	4	51	28	6.56	.01	.34	236	4	.08	21	.03	53	ND	ND	ND	ND	11	ND	ND	111
H88 L2+00 2+50W	.1	4.48	ND	ND	132	ND	.13	1.8	6	36	23	5.16	.01	.32	227	4	.11	27	.04	52	ND	ND	ND	ND	16	ND	ND	178
H88 L2+00 2+75W	.5	6.44	ND	ND	67	ND	.03	1.7	5	26	23	6.39	.01	.19	324	6	.32	16	.05	67	ND	ND	ND	ND	3	ND	ND	215
H88 L2+00 3+00W	.1	4.42	ND	ND	54	3	.03	1.8	2	22	20	9.03	.01	.05	131	6	.10	1	.03	58	ND	ND	ND	5	6	ND	ND	66
H88 L2+00 3+25W	.1	3.27	ND	ND	95	ND	.19	.8	5	31	16	5.64	.01	.27	211	4	.11	17	.04	41	ND	ND	ND	2	12	ND	ND	118
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

CLIENT: PANICON DEVELOPMENT JOB#: 880779 PROJECT: HEC REPORT: 880779 PA

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
H88 L2+00 3+75W	1.2	4.79	ND	ND	37	ND	.04	1.7	5	40	22	6.44	.03	.19	182	4	.03	14	.05	60	ND	ND	ND	1	5	ND	ND	131
H88 L2+00 4+00W	1.3	5.66	ND	ND	43	ND	.05	1.7	6	39	23	5.80	.02	.25	205	4	.03	19	.05	91	ND	ND	ND	ND	6	ND	ND	147
H88 L2+00 4+25W	1.3	6.23	ND	ND	55	ND	.17	1.7	4	19	21	6.54	.04	.06	191	4	.03	4	.06	69	ND	ND	ND	ND	7	ND	ND	126
H88 L2+50 0+00W	.1	.53	11	ND	47	ND	.58	.2	5	4	11	1.03	.06	.08	61	ND	.01	3	.08	7	ND	ND	ND	3	29	ND	ND	62
H88 L2+50 0+25W	.8	.78	10	ND	29	ND	.32	.8	7	6	20	1.70	.03	.17	162	ND	.01	3	.10	12	ND	ND	ND	3	24	ND	ND	55
H88 L2+50 0+50W	.1	3.15	3	ND	50	ND	.13	1.6	12	49	88	6.08	.03	.44	352	5	.02	28	.04	52	ND	ND	ND	ND	9	ND	ND	143
H88 L2+50 0+75W	.8	4.98	ND	ND	69	ND	.20	4.1	21	29	180	6.84	.04	.30	925	4	.02	10	.08	178	ND	ND	ND	ND	13	ND	ND	222
H88 L2+50 1+00W	1.2	1.75	20	ND	58	ND	.12	2.1	11	18	49	5.85	.02	.19	380	4	.02	4	.04	71	ND	ND	ND	5	9	ND	ND	88
H88 L2+50 1+25W	.8	4.19	ND	ND	58	ND	.06	1.6	9	39	34	5.42	.02	.40	303	4	.03	29	.05	50	ND	ND	ND	ND	8	ND	ND	149
H88 L2+50 1+50W	.1	3.65	ND	ND	38	ND	.05	2.2	6	47	27	6.46	.01	.26	197	4	.02	15	.05	42	ND	ND	ND	2	6	ND	ND	111
H88 L2+50 1+75W	.1	4.22	ND	ND	74	ND	.10	1.5	9	54	30	5.58	.02	.70	299	2	.01	39	.04	61	ND	ND	ND	ND	11	ND	ND	132
H88 L2+50 2+00W	.1	2.61	ND	ND	55	ND	.44	2.2	17	20	65	5.62	.05	.48	2948	3	.03	8	.13	40	ND	ND	ND	3	28	ND	ND	224
H88 L2+50 2+25W	.3	3.44	ND	ND	37	ND	.08	1.1	6	15	22	4.26	.01	.17	245	4	.02	4	.04	65	ND	ND	ND	2	12	ND	ND	89
H88 L2+50 2+50W	1.3	6.16	ND	ND	25	ND	.08	1.7	9	27	37	5.34	.01	.17	320	4	.03	8	.06	83	ND	ND	ND	ND	10	ND	ND	148
H88 L2+50 2+75W	.8	4.87	ND	ND	33	ND	.08	1.7	9	26	29	6.49	.03	.28	436	5	.03	12	.06	87	ND	ND	ND	1	8	ND	ND	195
H88 L2+50 3+00W	.8	2.62	ND	ND	43	3	.06	1.5	7	26	27	7.90	.01	.19	1063	5	.03	4	.06	120	ND	ND	ND	4	8	ND	ND	115
H88 L2+50 3+25W	.8	3.64	ND	ND	43	ND	.10	1.6	9	39	29	5.70	.02	.39	491	4	.03	24	.05	49	ND	ND	ND	2	9	ND	ND	163
H88 L2+50 3+50W	.8	5.37	ND	ND	59	ND	.10	1.6	19	37	49	5.73	.03	.41	727	4	.04	31	.08	60	ND	ND	ND	1	8	ND	ND	243
H88 L2+50 3+75W	.1	2.86	3	ND	64	ND	.10	1.2	7	35	20	4.33	.02	.48	388	2	.02	25	.05	33	ND	ND	ND	1	8	ND	ND	113
H88 L2+50 4+00W	.1	4.62	ND	ND	56	ND	.07	1.2	9	38	20	5.90	.01	.20	720	3	.02	12	.15	50	ND	ND	ND	1	10	ND	ND	125
H88 L2+50 4+25W	.1	3.62	ND	ND	68	ND	.08	1.1	6	22	14	4.37	.02	.19	418	3	.02	11	.06	39	ND	ND	ND	ND	10	ND	ND	100
H88 L2+50 4+50W	.8	5.07	ND	ND	60	ND	.06	1.2	5	16	21	5.41	.03	.13	407	4	.06	7	.06	54	ND	ND	ND	ND	8	ND	ND	135
H88 L2+50 4+75W	1.2	4.41	ND	ND	51	ND	.06	2.2	6	21	22	5.76	.02	.12	298	6	.05	10	.05	57	ND	ND	ND	3	5	ND	ND	191
H88 L2+50 5+00W	.1	3.72	ND	ND	28	ND	.07	1.2	5	31	17	5.48	.01	.22	176	4	.02	14	.05	45	ND	ND	ND	1	6	ND	ND	94
H88 L2+50 5+25W	.1	3.33	ND	ND	37	ND	.24	1.6	5	32	20	7.86	.01	.19	476	6	.02	8	.06	69	ND	ND	ND	3	15	ND	ND	67
H88 L2+50 5+50W	.1	2.86	ND	ND	34	ND	.05	1.2	3	46	22	5.24	.01	.32	157	2	.01	17	.04	320	ND	ND	ND	ND	8	ND	ND	86
H88 L2+50 5+75W	.3	3.62	ND	ND	66	ND	.07	1.5	8	22	22	5.72	.02	.17	234	4	.04	8	.05	53	ND	ND	ND	4	6	ND	ND	147
LH88 10+01 0+00W	.1	2.91	ND	ND	21	ND	.08	1.6	5	17	23	6.16	.01	.06	162	4	.02	2	.08	46	ND	ND	ND	6	9	ND	ND	86
LH88 10+01 0+25W	.1	2.66	15	ND	80	ND	.17	1.7	11	16	80	5.04	.01	.53	754	4	.01	7	.11	106	ND	ND	ND	ND	26	ND	ND	310
LH88 10+01 0+50W	.1	2.45	3	ND	22	ND	.53	2.2	11	19	22	5.34	.05	.41	910	2	.03	6	.07	39	ND	ND	ND	5	19	ND	ND	270
LH88 10+01 0+75W	.1	3.08	ND	ND	19	3	.60	1.7	21	28	31	4.22	.06	2.58	755	2	.01	19	.05	68	ND	ND	ND	2	16	ND	ND	325
LH88 10+01 1+00W	.3	4.10	ND	ND	17	ND	.56	1.6	6	22	31	8.28	.05	.15	396	4	.03	5	.12	61	ND	ND	ND	5	12	ND	ND	125
LH88 10+01 1+25W	.1	4.75	ND	ND	85	ND	1.54	3.5	14	36	49	5.41	.16	2.16	4475	2	.06	23	.11	56	ND	ND	ND	ND	33	ND	ND	402
LH88 10+01 1+50W	.1	1.20	7	ND	160	ND	.98	.8	9	9	29	1.98	.10	.17	703	ND	.02	11	.14	17	ND	ND	ND	2	46	ND	ND	128
LH88 10+01 1+75W	.1	4.50	ND	ND	220	ND	1.33	.5	5	7	21	1.76	.15	.08	1370	8	.05	5	.12	53	ND	ND	ND	2	59	ND	ND	126
LH88 10+01 2+00W	.1	4.73	ND	ND	266	ND	1.29	1.7	8	27	30	6.08	.17	.17	1161	7	.13	10	.10	47	ND	ND	ND	1	40	ND	ND	166
LH88 10+01 2+25W	.3	3.70	ND	ND	32	ND	.07	1.3	4	17	20	6.53	.01	.08	146	7	.03	2	.03	45	ND	ND	ND	3	14	ND	ND	63
LH88 10+01 2+50W	.3	3.54	ND	ND	45	ND	.04	1.7	6	23	18	7.83	.01	.10	286	8	.04	3	.05	54	ND	ND	ND	5	9	ND	ND	90
LH88 10+01 2+75W	.1	2.54	5	ND	45	ND	.05	1.1	2	17	11	3.64	.01	.07	196	4	.02	2	.04	36	ND	ND	ND	2	8	ND	ND	56
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

CLIENT: PAMICON DEVELOPMENT JOB#: 880779 PROJECT: HEC REPORT: 880779 PA

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
LH88 10+01 3+00W	.5	4.15	ND	ND	45	ND	.05	2.2	5	37	24	6.76	.02	.16	219	6	.02	10	.04	52	ND	ND	ND	2	6	ND	ND	152
LH88 10+01 3+25W	3.1	6.33	ND	ND	24	3	.04	2.2	5	23	27	7.44	.03	.06	129	16	.03	3	.04	70	ND	ND	ND	1	3	ND	ND	117
LH88 10+02 0+00E	.1	2.59	8	ND	53	ND	.11	1.2	4	19	12	3.58	.03	.14	115	2	.02	5	.03	30	ND	ND	ND	1	14	ND	ND	53
LH88 10+02 0+25E	.6	3.50	ND	ND	46	7	.05	2.5	7	62	33	13.28	.04	.26	300	6	.03	10	.05	42	ND	ND	ND	5	7	ND	ND	92
LH88 10+02 0+50E	1.8	7.61	ND	ND	23	ND	.03	1.7	3	43	20	6.65	.04	.19	241	4	.03	8	.05	59	ND	ND	ND	ND	3	ND	ND	121
LH88 10+02 0+75E	.1	2.95	5	ND	49	ND	.08	1.7	4	21	17	5.44	.03	.12	198	6	.03	4	.06	45	ND	ND	ND	2	13	ND	ND	88
LH88 10+02 1+00E	.2	4.12	12	ND	368	ND	.48	2.2	7	24	17	5.04	.08	.13	1100	4	.08	10	.05	49	ND	ND	ND	1	17	ND	ND	207
LH88 10+02 1+25E	.5	6.29	ND	ND	70	ND	.16	1.7	13	32	23	5.25	.06	.20	286	6	.08	20	.07	55	ND	ND	ND	ND	10	ND	ND	184
LH88 10+02 1+50E	.1	5.40	ND	ND	32	ND	.60	1.7	4	25	20	5.08	.08	.16	318	4	.02	7	.10	43	ND	ND	ND	ND	36	ND	ND	127
LH88 10+02 1+75E	.1	7.86	ND	ND	264	ND	.91	2.5	32	47	55	4.29	.13	.38	3545	8	.11	40	.12	43	ND	ND	ND	ND	53	ND	ND	425
LH88 10+02 2+00E	2.1	5.39	ND	ND	156	ND	.24	1.3	3	12	46	4.44	.07	.11	332	9	.10	9	.06	61	ND	ND	ND	1	8	ND	ND	167
LH88 10+02 2+25E	1.1	5.91	ND	ND	39	ND	.08	2.5	7	34	34	5.52	.04	.38	274	4	.03	21	.05	50	ND	ND	ND	ND	7	ND	ND	135
LH88 10+02 2+50E	2.7	8.23	ND	ND	33	ND	.05	2.1	5	23	24	5.72	.04	.12	334	4	.03	8	.05	61	ND	ND	ND	ND	6	ND	ND	165
LH88 10+02 2+75E	.2	4.12	3	ND	41	ND	.22	2.1	13	20	38	4.83	.04	.20	776	4	.02	7	.11	57	ND	ND	ND	ND	13	ND	ND	151
LH88 10+02 3+00E	1.2	5.44	ND	ND	32	ND	.17	1.8	7	28	21	5.20	.04	.20	373	14	.04	14	.07	56	ND	ND	ND	ND	7	ND	ND	155
LH88 10+02 3+25E	.1	6.66	ND	ND	49	ND	.12	2.1	6	71	25	8.01	.03	.39	244	3	.02	21	.07	57	ND	ND	ND	ND	9	ND	ND	116
LH88 10+02 3+50E	.1	3.47	8	ND	78	4	1.16	2.4	27	20	135	10.08	.13	.28	2189	14	.02	3	.08	48	ND	ND	ND	ND	27	ND	ND	150
LH88 10+02 3+75E	1.6	3.55	5	ND	37	3	.08	2.1	9	26	52	7.95	.03	.14	228	6	.02	2	.07	75	ND	ND	ND	4	11	ND	ND	92
LH88 10+02 4+00E	1.1	4.90	ND	ND	112	ND	.17	2.2	18	21	47	7.46	.04	.32	703	6	.02	7	.06	53	ND	ND	ND	ND	14	ND	ND	198
LH88 10+02 4+25E	.2	6.14	ND	ND	37	ND	.11	2.4	4	39	18	6.50	.02	.12	240	3	.02	5	.06	53	ND	ND	ND	ND	9	ND	ND	130
HS88 DUP	.1	2.54	14	ND	88	3	1.83	2.7	24	19	187	10.64	.17	.28	1884	10	.02	10	.07	31	ND	ND	ND	ND	25	ND	ND	101
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 AND LABORATORY
1988 Triumph Street
Vancouver, B.C. V5L 1K5
(604)251-5656 FAX:254-5717

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

REPORT NUMBER: 880770 AA JOB NUMBER: 880770 **PAMICON DEVELOPMENT LTD.**

SAMPLE #	Au oz/st
22201	.117
22202	.219
22203	--
22204	--

DETECTION LIMIT .005

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

signed: _____

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 880770 GA JOB NUMBER: 880770 **PAMICON DEVELOPMENT LTD.** PAGE 1 OF 1

SAMPLE #	Au ppb
22201	3900
22202	9300
22203	300
22204	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,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 DEVELOPMENT
ATTENTION:
PROJECT: HEC

REPORT#: 880770 PA
JOB#: 880770
INVOICE#: 880770 NA

DATE RECEIVED: 88/07/22
DATE COMPLETED: 88/07/30
COPY SENT TO:

ANALYST

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
22201	.6	1.95	25	ND	43	ND	1.60	.3	15	41	175	8.91	.07	1.20	1403	8	.13	17	.08	9	ND	ND	ND	ND	19	ND	ND	94
22202	2.2	2.82	5	ND	27	ND	.32	.1	40	39	320	12.88	.01	1.79	1142	ND	.19	9	.04	15	ND	ND	ND	ND	10	ND	ND	98
22203	.1	3.40	ND	ND	49	ND	.24	.3	54	37	167	12.30	.01	2.47	1290	4	.17	1	.05	2	ND	ND	ND	ND	23	ND	ND	95
22204	.1	2.37	22	ND	24	3	.93	.6	18	40	79	4.42	.05	1.64	845	ND	.08	6	.05	16	ND	ND	ND	ND	11	ND	ND	126
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

APPENDIX V

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, STEVE L. TODORUK, of Suite 129, 7451 Minoru Boulevard, Richmond, 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 Hector Resources Inc. for the use of this report in any prospectus or other documentation required by any regulatory authority.

DATED at Vancouver, B.C., this 23 day of February, 1989.

Steve L. Todoruk, Geologist

APPENDIX VI

ENGINEER'S CERTIFICATE

ENGINEER'S CERTIFICATE

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

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

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

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

4. THAT this report is based on work conducted under my direction in 1988 and on extensive knowledge of the immediate area.

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 Hector Resources Inc. of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

DATED at Vancouver, B.C., this 23 day of Feb, 1989.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA CHARLES K. IKONA

Charles K. Ikona, P.Eng.

382000E

383000E

125·8

123·6

124·1

127·4

122·6

H88200/4+75W

H88240/5+00W

H88290/5+00W

H88330/5+00W

H88380/3+75W

H88400/7+00W

H88450/0+00E

HS 270/1+50W

HS 280/1+50W

HS 310/1+50W

HS 320/1+50W

1987

H881001/0+00W

H881002/4+25E

1987

22201 = 0.117 oz/t Au
22202 = 0.219 oz/t Au
22203 = 300 ppb Au
22204 = 40 ppb Au

22214 = 1.668 oz/t Au
22215 = 1.406 oz/t Au
22209 = 1.695 oz/t Au
22210 = 0.162 oz/t Au
22208 = 0.871 oz/t Au

H88250/0+00W

H88300/3+00E

22207 = 360 ppb Au
22206 = 1510 ppb Au

22213 = 145 ppb Au
22212 = 130 ppb Au
22211 = 495 ppb Au

33415 = 0.440 oz/t Au ?
22205 = 0.467 oz/t Au ?

HSL 350/0+00W

H88400/0+25W

H88400/0+00

H88400/3+50E

H88450/11+00E

HS 500/0+00W

HS 500/3+50W

200

300

400

500

600

700

800

009

008

STU 4

STU 5

KYLE RESOURCES LTD.
GIM CLAIM

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,508

LEGEND

- ● Soil samples >70 ppb Au (statistically anomalous)
- X Rock chip location site
- Ⓗ Helicopter pad

SCALE 1:5,000

m 0 50 100 200 300 400 500 m

HECTOR RESOURCES INC.

STU 4 & 5 CLAIMS
ROCK CHIP & ANOMALOUS Au SOIL SAMPLE COMPILATION MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104 B/10W	FEB. 1989	6

382000E

383000E

384000E

385000E

DETAILED GRID AREA-STU 4
(See Figures 7-10)

STU 4 STU 5

KYLE RESOURCES LTD.
GIM CLAIM

LEGEND

- SOIL SAMPLE LOCATION
- Ⓗ HELICOPTER PAD

ANOMALOUS VALUES

BACKGROUND = 16.5 ppb Au
75⊙ THRESHOLD >70 ppb Au
STANDARD DEVIATION = 44 ppb Au

SCALE 1:5,000
m 0 50 100 200 300 400 500 m

HECTOR RESOURCES INC.

STU 4 & 5 CLAIMS

SOIL SAMPLE LOCATION MAP

Au (ppb)

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	NTS.	DATE.	FIG.
J.W.	104B/10W	FEB. 1989	11

382000E

383000E

384000E

385000E

N

DETAILED GRID AREA-STU 4
(See Figures 7-10)

STU 4

STU 5

KYLE RESOURCES LTD.
GIM CLAIM

LEGEND

- SOIL SAMPLE LOCATION
- (H) HELICOPTER PAD

ANOMALOUS VALUES

BACKGROUND = 0.2 ppm Ag
STANDARD DEVIATION = 0.7 ppm Ag
⊙ THRESHOLD >2.3 ppm Ag

SCALE 1:5,000

m 0 50 100 200 300 400 500 m

HECTOR RESOURCES INC.

STU 4 & 5 CLAIMS

SOIL SAMPLE LOCATION MAP

Ag (ppm)

LIARD MINING DIVISION, B.C.

AMICON DEVELOPMENTS LTD.

DRAWN.	NTS.	DATE.	FIG.
J.T.	104B/10W	FEB. 1989	12

382000E

383000E

384000E

385000E

DETAILED GRID AREA-STU 4
(See Figures 7-10)

STU 4

STU 5

KYLE RESOURCES LTD.
GIM CLAIM

LEGEND

- SOIL SAMPLE LOCATION
- Ⓗ HELICOPTER PAD

SCALE 1:5,000

m 0 50 100 200 300 400 500 m

HECTOR RESOURCES INC.

STU 4 & 5 CLAIMS

SOIL SAMPLE LOCATION MAP

Cu (ppm)

LIARD MINING DIVISION, B.C.

RAMICON DEVELOPMENTS LTD.

DRAWN.	NTS.	DATE.	FIG.
	104 B/10W	FEB. 1989	13