GEOLOGICAL REPORT
ON THE
GAB 11 & 12 MINERAL CLAIMS
AND
STU 8 & 9 MINERAL CLAIMS

Located in the Iskut River Area
Liard Mining Division
NTS 104B/10
GAB: 56°50' North Latitude, 130°56' West Longitude
STU: 56°41' North Latitude, 131°04' West Longitude

- Prepared for -

CONSOLIDATED SEA-GOLD CORP.

- Prepared by -

S.L. TODORUK, Geologist

February, 1988

GEOLOGICAL REPORT on the GAB 11 & 12 and STU 8 & 9 MINERAL CLAIMS

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APPENDICES

1.0 INTRODUCTION

Consolidated Sea-Gold Corp.'s Gab 11 & 12 mineral claims (40 units) are located two kilometres west of Newmont Lake which is approximately 20 kilometres north of the Iskut River in northwestern British Columbia. The company also holds the Stu 8 & 9 mineral claims (7 units) which are situated immediately north of the Iskut River near Bronson Creek.

A total of 53 man days were spent prospecting, mapping, rock chip and soil sampling the Sea-Gold property during 1987.

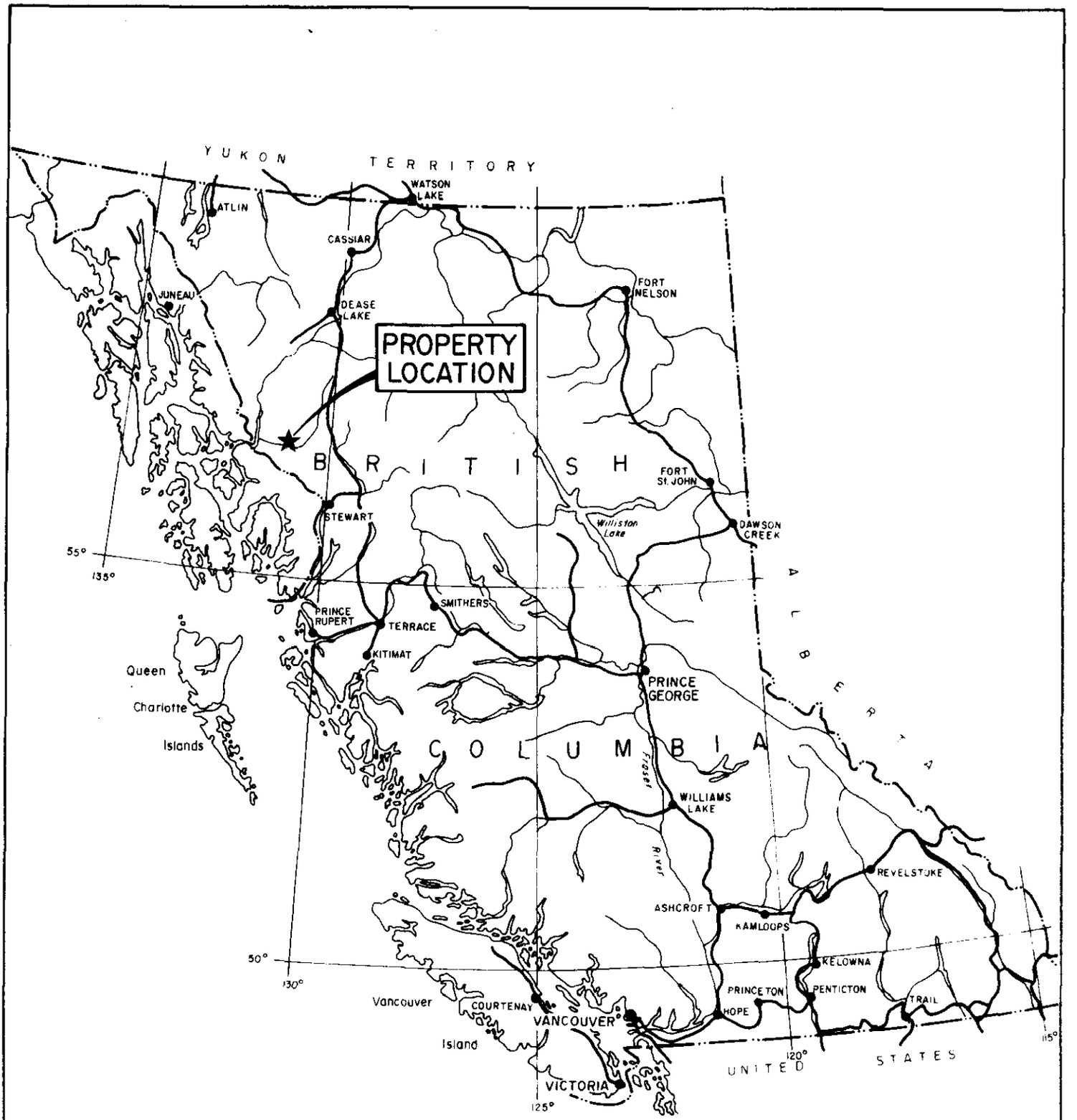
Three zones of interest were identified on the Gab 11 & 12 claims. Separate zones in the southwest and southeast corner of the Gab 12 claim block produced assays ranging up to 1.858 oz/ton gold. A third zone is situated in the northeast corner of the Gab 12 claim adjacent to Gulf International Minerals' Northwest Zone which during 1987 diamond drilling intersected 36.5 feet (11.1 metres) grading 1.605 oz/ton gold.

A rock chip sample obtained on the Stu 8 & 9 mineral claims returned an anomalous value of 0.130 oz/ton gold.

Introductory material for this report has been abridged from the February, 1987 Geological Report on the Gab 11 & 12 and Stu 8 & 9 Mineral Claims written by Todoruk and Ikona.

2.0 LIST OF CLAIMS

Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the following claims (Figures 2 and 3) are owned by I. Hagemoen. Separate documents indicate the claims are under option to Consolidated Sea-Gold Corp.



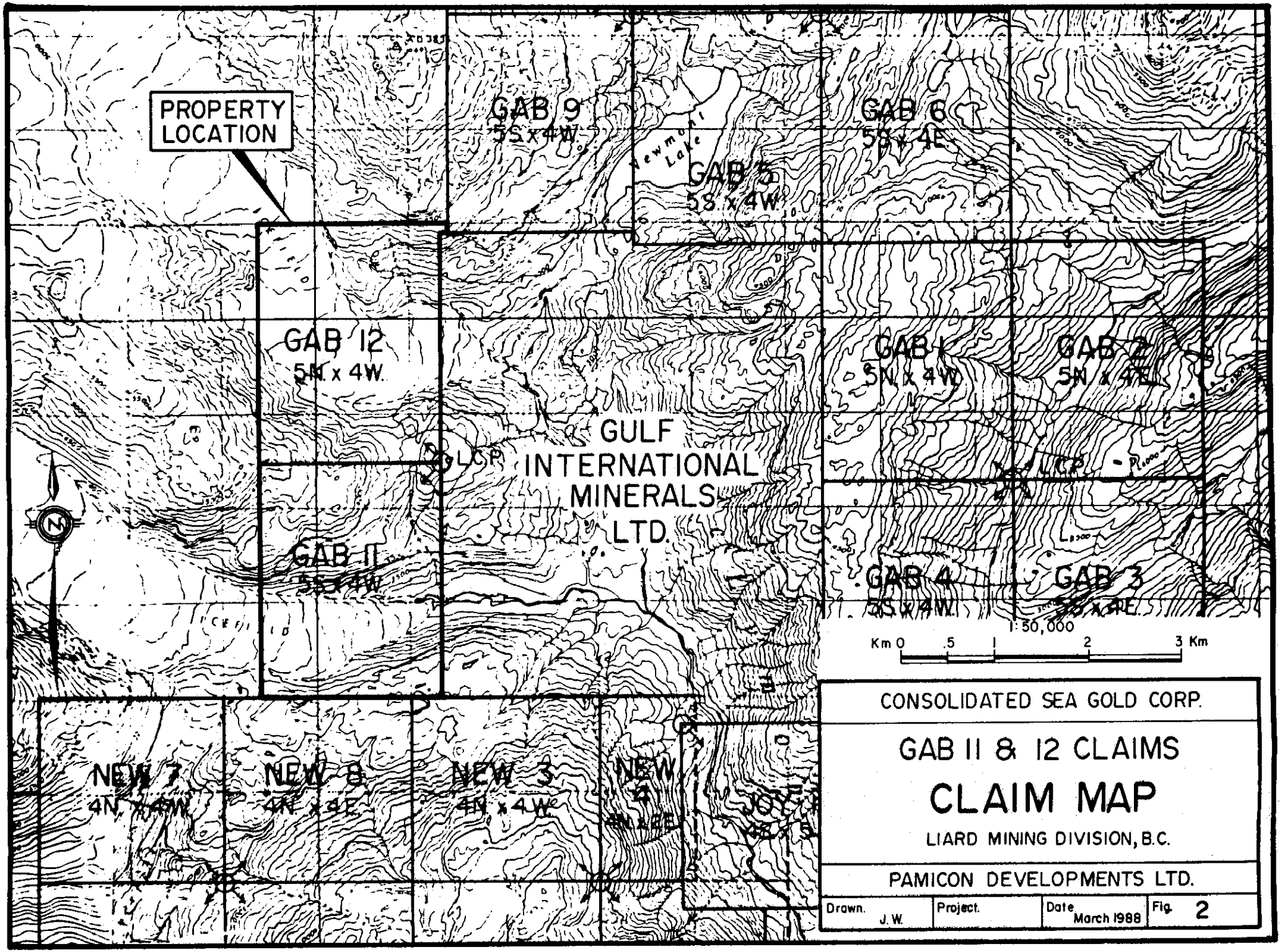
CONSOLIDATED SEA GOLD CORP.

GAB 11, 12 CLAIMS
PROPERTY LOCATION MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn	By.	Date.	Figure.
J.W.	S. Todoruk	March, 1988	1.



CONSOLIDATED SEA GOLD CORP.

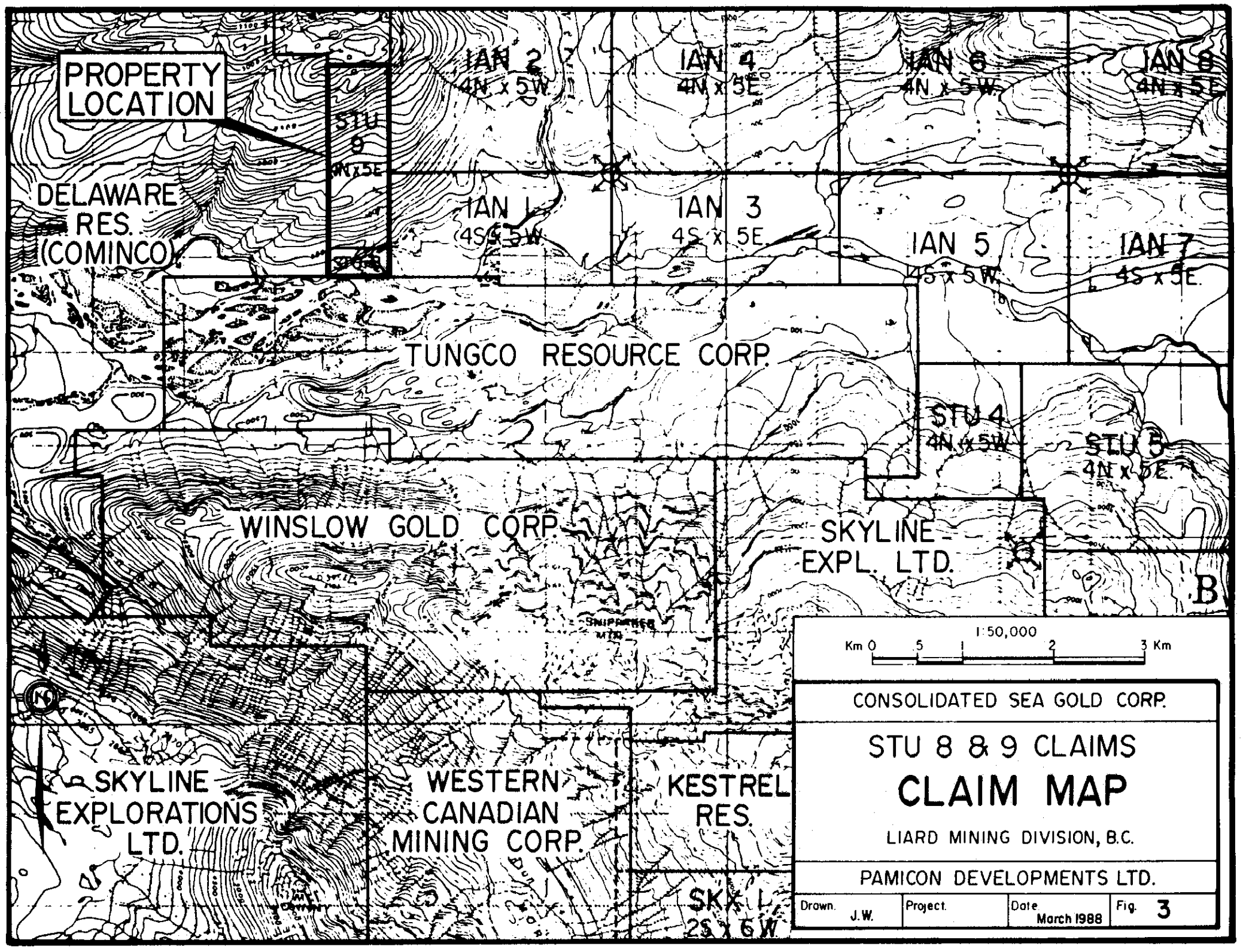
GAB 11 & 12 CLAIMS

CLAIM MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	Project.	Date	Fig.
J.W.		March 1988	2


PROPERTY LOCATION
STU 9 4N x 5E
IAN 2 4N x 5W
IAN 4 4N x 5E
IAN 6 4N x 5W
IAN 8 4N x 5E
DELAWARE RES. (COMINCO)
IAN 1 4S x 5W
IAN 3 4S x 5E
IAN 5 4S x 5W
IAN 7 4S x 5E
TUNGCO RESOURCE CORP.
STU 4 4N x 5W
STU 5 4N x 5E
WINSLOW GOLD CORP.
SKYLINE EXPL. LTD.
B
SNIPPAKER MTN.
SKYLINE EXPLORATIONS LTD.
WESTERN CANADIAN MINING CORP.
KESTREL RES.
SKX 1 2S x 6W
1:50,000
Km 0 5 2 3 Km
CONSOLIDATED SEA GOLD CORP.
STU 8 & 9 CLAIMS
CLAIM MAP
LIARD MINING DIVISION, B.C.
PAMICON DEVELOPMENTS LTD.
Drawn. J.W.
Project.
Date March 1988
Fig. 3

Claim Name	Record Number	No. of Units	Record Date	Expiry Date
Stu 8	3726	1	December 5, 1986	December 5, 1989
Stu 9	3727	6	December 5, 1986	December 5, 1989
Gab 11	3825	20	December 22, 1986	December 22, 1991
Gab 12	3824	20	December 22, 1986	December 22, 1991

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Gab 11 & 12 and Stu 8 & 9 claims are located approximately 80 kilometres east of Wrangell, Alaska, and 110 kilometres northwest of Stewart, British Columbia, on the eastern edge of the Coast Range Mountains (Figure 1). Newmont Lake is situated approximately two kilometres to the northeast and the Iskut River 12 kilometres to the south of the Gab 11 & 12 claims.

Coordinates of the Gab 11 & 12 claims area are 56°50' north latitude and 130°56' west longitude, and the property falls under the jurisdiction of the Liard Mining Division. The Stu 8 & 9 mineral claims are located approximately two kilometres west of the confluence of the Iskut and Verrett Rivers, with the southern boundary of the property lying on the north shores of the Iskut River. Coordinates of the Stu 8 & 9 claims area are 56°41' north latitude and 131°04' west longitude

Access to the Gab 11 & 12 claims would either be via float-equipped fixed wing aircraft to Newmont Lake from Wrangell, Alaska or Stewart, British Columbia, or, as in the case of the Stu 8 & 9 claims, via fixed wing aircraft from Wrangell or Stewart to the Bronson Creek gravel airstrip, located approximately 20 kilometres south of the Gab 11 & 12 claims on the Iskut River and then using a helicopter to the property.

C.K. Ikona of Pamicon Developments Ltd., on behalf of Skyline Explorations Ltd., has proposed the construction of a 65 kilometre long road. The road would be situated on the south side of the Iskut Valley to connect the

Stewart-Cassiar Highway with a proposed BC Hydro dam site on the Iskut River and Skyline's Stonehouse Gold deposit on Bronson Creek.

Geographically, the area is typical of mountainous and glaciated terrain with the elevations ranging from a few hundred metres above sea level in the river valley bottoms to in excess of 1500 metres at the ridge tops. Major drainages are U-shaped, whereas smaller side creeks tend to be steeply cut due to the intense erosional environment. Active glaciation is prevalent above the 1200 metre contour, with the tree line existing at 1000 metres. The upper reaches of the area are covered with alpine vegetation. The lower slopes are predominantly timbered with a variety of conifers with an undergrowth of devil's club. More open areas and steeper slopes contain dense slide alder growth. Both summer and winter temperatures would be considered generally moderate and in excess of 200 centimetres of precipitation may be expected during any given year.

4.0 AREA HISTORY

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

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

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

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

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

During 1972, Newmont Mining Corporation of Canada Limited carried out a field program west of Newmont Lake on the Dirk claim group. Skarn-type mineralization was the target of exploration. Work consisted of airborne and ground magnetic surveys, geological mapping and diamond drilling. One and one-half metres grading 0.220 ounces gold per ton and 15.2 metres of 1.5% copper was intersected on the Ken showing.

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

In 1986, drilling and 460 metres of underground cross-cutting and drifting on the Stonehouse Gold Zone confirmed the presence of high grade gold mineralization with additional values in silver and copper over mineable widths with good lateral and depth continuity. As of January 1988, reserves on the Stonehouse Gold Zone were reported as:

	Au (oz/ton)	Tons
Total Measured	1.246	121,000
Total Drill-Indicated	0.556	236,875
Total Inferred	0.570	700,000
Subtotal	0.644	1,057,875
McFadden	2.800	30,000
Ore Reserve Total	0.704	1,087,875

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

	Au (oz)	Tons
Total Inferred	0.700	1,100,000

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

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

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

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

5.0 REGIONAL GEOLOGY

Government mapping of the general geology in the Iskut River area (Kerr, 1948, GSC Memoir 246, "Operation Stikine", GSC Maps 9-1957 and 1418-1979, "Iskut River") has proved to be incomplete and unreliable. Subsequent mineral exploration studies have greatly enhanced the lithological and stratigraphic knowledge of this geo-entity known as the Stewart Complex (Grove, 1986) (Figure 4).

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

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

Within the Stewart Complex, Paleozoic crinoidal limestone overlying metamorphosed sedimentary and volcanic members are the oldest rock group. Correlation has been made between this oceanic assemblage and the Cache Creek Group.

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

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

GAB 11 & 12 CLAIM GROUP

STU 8 & 9 CLAIM GROUP

UNMAPPED

ISKUT RIVER

Snippaker Mountain

REG

INEL

Tom MacKay Lake

UNUK RIVER

Sulphurets Creek

56°45'

131°00'

BOUNDARY

Black Crag

Coe Mtn

Lewis Cass

Mesilinka Dome

Second Canyon

Km 0 5 10 15 Km

SCALE 1: 250,000

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

Map compiled by Todoruk, S.L. (1987) from B.C. Assessment Reports, Kerr, F.A. (1929) and G.S.C. Map No.1418A: Iskut River.

CONSOLIDATED SEA GOLD CORP.

STU 8 & 9, GAB 11 & 12 CLAIM GROUPS

REGIONAL GEOLOGY

LIARD MINING DIVISION

BRITISH COLUMBIA

PAMICON DEVELOPMENTS LTD.

Drawn.	By.	Date.	Fig.
J.W.	S. Todoruk	March, 1988	4

along the axis of the Iskut River which, like the King Salmon Thrust Fault, pushed up and over to the south.

Following the Iskut River thrust faulting, the entire region was overlain by Middle Jurassic Hazelton Group volcanic-sedimentary rocks named the Betty Creek Formation by Grove (1973, 1982). It is believed that the Betty Creek rocks act as a mineralizing trap and as such are useful in delineating underlying older units such as the Unuk River Formation.

Intrusion of the batholithic Coast Plutonic Complex in the Iskut region of Cretaceous and Tertiary age followed. Composition varies from quartz monzonite, granodiorite to granite. Important in many instances to the localization of mineralization are satellite facies of epizonal or subvolcanic acidic porphyries.

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

6.0 LOCAL GEOLOGY

6.1 GAB 11 & 12 MINERAL CLAIMS

An orthophoto base map at a scale of 1:10,000 was used to geologically map the lithological units on the Gab 11 & 12 mineral claims (Figure 5).

Flat lying Lower Mississippian sedimentary and volcanic rocks are the oldest rocks mapped on the property near the eastern claim boundary of the Gab 12 claim block. Thinly bedded sandstone and chert and thick bedded crinoidal, massive grey to white limestone comprise the rock types. A major northeast-southwest trending fault structure passes through these units and appears spatially related to mineralization successfully drill tested by Gulf International Minerals Ltd. 125 metres to the east of the northeast corner of the

Gab 12 claim. Mineralization consists of barite, calcite and gypsum with massive fine to coarse-grained magnetite, pyrite, chalcopyrite, sphalerite and galena.

To the north, west and south these Paleozoic units are overlain by younger mesozoic sedimentary and volcanic rocks. Stratigraphically above the major NE-SW trending fault and Paleozoic rocks, a thick sequence of andesitic agglomerate is characterized at its base with large limestone fragments up to 50 to 75 cm.

To the west of the Gab 11 & 12 claims a similar characteristic andesite agglomerate was mapped but signified with large argillite/siltstone/greywacke/chert fragments up to 75 cm near the top of a thin interbedded sequence of sediments.

Near the south-central boundary of the Gab 12 claim block an argillite-chert-sandstone-limestone conglomerate was found trending 230/90 within a predominantly argillite sequence of rocks with bedding measuring 230-240/90. The size of the limestone boulders appears to increase to at least one metre in diameter while traversing to the north.

Jasperoid-rich sedimentary horizons were noted 800 metres to the west of the claims and also in the northeast corner of the Gab 12 claim.

Intrusive rocks in the claims area consist mainly of a large quartz porphyry stock along the eastern margins of the property (related to mineralization of Gulf's Northwest Zone ?), syenite to syenodiorite plugs immediately west of the Gab 11 northwest corner and 30 to 40 metre wide near vertical dipping feldspar porphyry dykes found cutting the predominantly argillite sequence of rocks along the E-W Gab 11 & 12 claim boundary. One thousand metres to the west of the claim block a similar 3 to 4 metre feldspar porphyry dyke cuts these same sediments and is related to skarn mineralization.

6.2 STU 8 & 9 CLAIMS

Three man days were spent prospecting the Stu 8 & 9 mineral claims during October, 1987. Due to prevailing snow and winter conditions, only limited areas were accessible to field personnel.

Auriferous quartz veining talus was found in major northeast-southwest trending gullies near the 900 metre elevation level of the property. Strong fracture patterns measured in andesitic rocks were 57/58 NW and 145/68 NE which possibly host this veining.

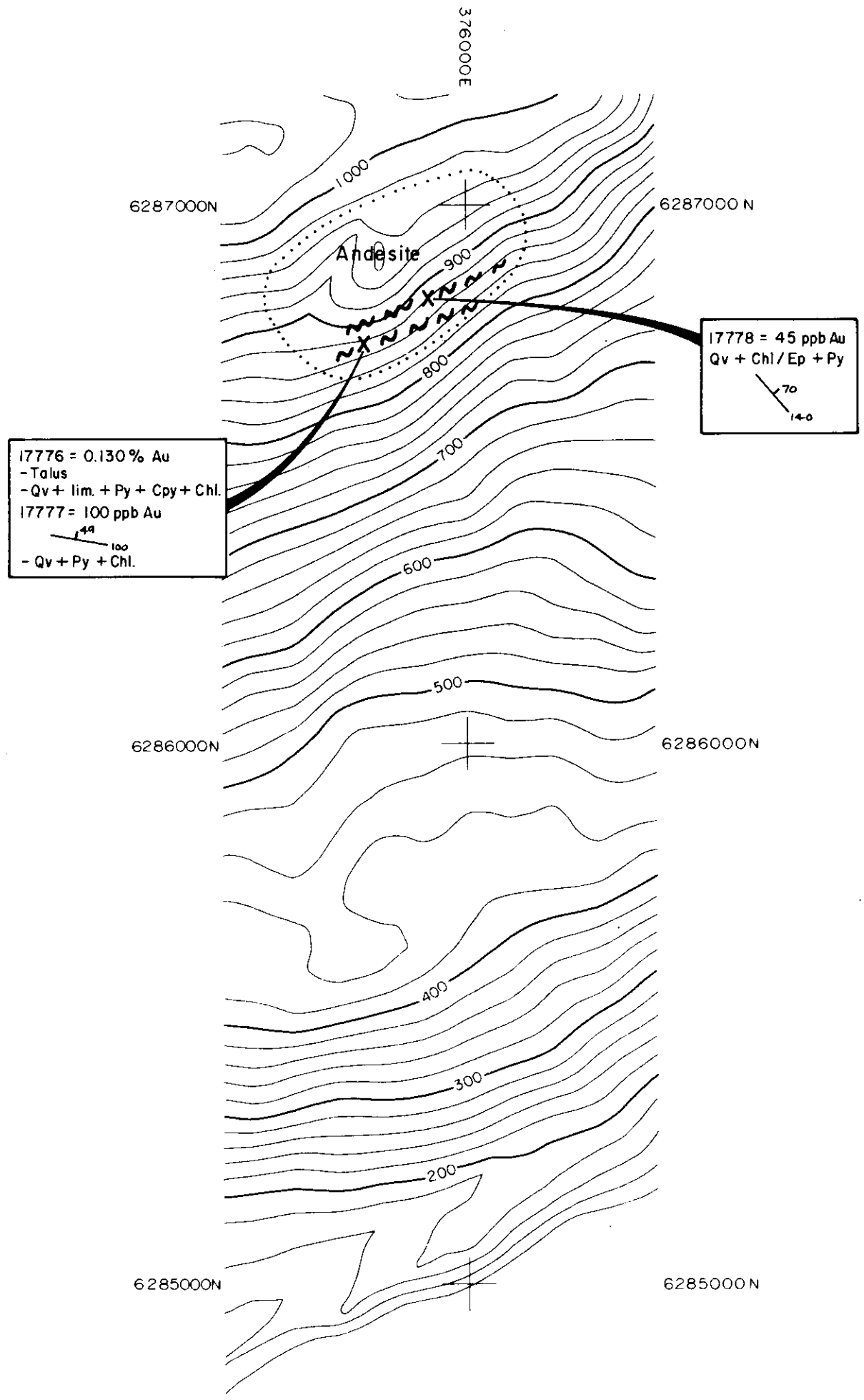
7.0 MINERALIZATION

7.1 GAB 11 & 12 CLAIMS

A total of 65 rock chip and 215 soil samples were collected from the Gab 11 & 12 mineral claims prior to defining the Sea Gold-Gulf International Minerals Ltd. north-south claim boundary. The 1987 field season identified three main areas of mineralization on the Gab 12 claim block in the southwest corner, southeast corner and in the northeast corner in close proximity to Gulf International Minerals' Northwest Zone (Figure 6).

7.1.1 Southwest Zone

A zone of gold mineralization was discovered during 1987 prospecting whereby gold was found to occur in Fe-carbonate veins and pods varying from 2 cm to in excess of 3 to 4 metres. Significant values in Cu, Pb, Zn, As and Ag were also returned. Mineralization consists of fine to coarse-grained pyrite with lesser amounts of magnetite. The zones are hosted within a sequence of carbonate altered andesite agglomerate. A major structural lineament passes through the area trending 070°. The individual veins/pods on average trend 065/72 NW. Grab sample rock chip values obtained ranged up to 1.858 oz/ton gold and are listed below:



LEGEND

CENOZOIC

RECENT

CENOZOIC — 1 — Basalt Flows

MESOZOIC

TRIASSIC - JURASSIC

MESOZOIC — 2 — Hazelton Group Volcanics; Sediments

PALEOZOIC

PERMIAN

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

PALEOZOIC

PRE-PERMIAN

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

INTRUSIVE ROCKS

TRIASSIC TO CRETACEOUS

MESOZOIC

A — Acid Intrusives; syenite, syenodiorite, feldspar porphyry, felsite, alaskite

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

Map compiled by Todoruk, S.L. (1987) from B.C. Assessment Reports, Kerr, F.A. (1929) and G.S.C. Map No. 1418A: Iskut River.

SCALE 1:10,000

m 0 100 200 300 400 500 m

CONSOLIDATED SEA GOLD CORP.

STU 8 & 9 CLAIM GROUP

LOCAL GEOLOGY & ROCK CHIP SAMPLE MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	By	Date.	FIGURE.
J.W.	S. Todoruk	March 1988	8

Sample Number	Type	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)	Au (ppb)	Au (oz/ton)
16036	talus	1,237	1,268	1,997	1,141	16.8	180	--
16039	talus	1,632	1,375	38,368	2,383	78.7	120	--
16040	in place	610	68	733	114	0.1	520	--
16041	in place	623	51	130	81	0.1	280	--
16042	in place	58	34	58	14,316	0.1	--	0.356
16043	talus	958	6,915	14,649	10,086	43.8	330	--
16045	in place	411	112	593	844	0.6	760	--
16047	talus	3,893	48	100	514	6.0	--	1,858
16278	in place	476	63	86	20	0.1	750	--
16279	in place	362	36	23	--	0.1	575	--
16280	in place	164	55	22	19	0.1	300	--
16282	in place	128	18	29	--	0.1	385	--
16283	in place	64	24	20	--	0.1	115	--
16284	in place	179	53	16	12,427	0.1	--	0.303
16285	talus	1,069	27	17	184	0.2	435	--
16037	talus	4,238	14,859	3,224	94	>100.0	nd	--
16038	in place	4,838	7,086	17,497	16	>100.0	5	--

7.1.2 Southeast Zone

Two samples of mineralized talus obtained near the southeast corner of the Gab 12 claim block returned anomalous values in gold. Mineralization consists of massive fine-grained pyrite. Assay values are as follows:

Sample Number	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Fe (%)	Ag (ppm)	Au (ppb)	Au (oz/ton)
15398	1,275	297	292	7,942	28.84	16.9	--	0.688
15399	1,219	19,813	34,819	10,452	35.22	42.5	75	--

7.1.3 Northeast Zone

A large gossanous outcrop several hundred metres in diameter is located in the northeast corner of the Gab 12 claim block. Consolidated Sea-Gold Corp.'s Gab

12 and the Gulf International Minerals' McLymont 3 claim block boundary pass through this area. While prospecting was being carried out in 1987 by Pamicon personnel, several auriferous rock chip samples were collected in the vicinity of the claim boundary. Gulf carried out a diamond drilling program after this time in 1987 in close proximity to this area and intersected significant gold mineralization. A legal survey will be employed to accurately define the claim boundary in 1988. Gulf intersection assays of interest are listed below (Gulf International Minerals Ltd., Annual Report, 1987):

Drill Hole	Interval (feet)	Length (feet)	Copper (%)	Silver (oz/ton)	Gold (oz/ton)
87-15	18.5 - 27.5	9.0	0.30	0.42	0.420
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
87-28	150.5 - 154.0	3.5	0.01	0.06	0.150
87-29	167.0 - 170.0	3.0	0.001	0.01	0.140
	205.0 - 241.5	36.5	0.97	39.73	1.605
87-30	137.1 - 142.0	4.9	0.25	3.73	0.120
	224.1 - 234.0	9.9	3.43	1.41	0.202
87-31	173.4 - 186.0	12.6	0.03	0.53	0.156
	220.9 - 222.0	1.1	--	0.15	0.360
87-32	161.3 - 168.5	7.2	0.34	2.51	0.202

Gulf describes the mineralization as:

> "...multiple mineralized horizons apparently localized along chert-marble and sandstone-marble contacts. The overall simple sedimentary structure marked by gentle folds suggests a 'layer cake' strata bound type mineralization. As a result the Northwest Zone remains open laterally for further exploration."

Consolidated Sea-Gold Corp. assays from 1987 in this area of similar mineralization are listed below:

Sample Number	Au (ppb)	Au (oz/ton)
1353	1,060	--
1354	220	--
1355	235	--
1369	2,880	--
1373	--	0.789
1374	--	0.068
1380	--	0.209
1385	--	0.344

A 10 kilometre long fault structure trending northeast-southwest passes just southeast of the Gulf and Consolidated Sea-Gold mineralization and appears spatially related to mineralization.

7.2 STU 8 & 9 CLAIMS

Three rock chip samples were collected while prospecting the Stu 8 & 9 mineral claims in October, 1987 (Figure 8). Quartz vein material with weak to moderate limonite alteration and 2% to 5% pyrite was discovered near the 900 metre elevation level of the property in major northeast-southwest trending gullies. Samples are listed below:

Sample Number	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)	Au (oz/ton)
17776	7,003	1,048	463	13.1	--	0.130
17777	698	68	38	3.0	100	--
17778	317	19	19	1.8	45	--

8.0 GAB 11 & 12 GEOCHEMISTRY (Figures 9 and 10)

A total of 215 soil samples were collected along north-south crosslines over an area which includes the Northeast Zone on the Gab 12 claim and also near the Gab 11 & 12 claim boundary. Samples were taken every 25 metres. Survey lines were compassed and hip-chained 100 metres apart. Upon more exactly defining the Gab 11 & 12 and Gulf International Minerals Ltd. N-S claim boundary, it is found that 89 soil samples were taken on the Gulf property. A legal survey will be employed in 1988 to exactly define this claim boundary.

Several anomalous gold values were obtained on the Gulf property in the area of dispute. Gulf has intersected high-grade gold mineralization in diamond drill holes. The zone trends northeast-southwest. The soils collected by Pamicon personnel suggest this zone likely trends onto the Consolidated Sea-Gold Corp. claims.

9.0 DISCUSSION AND CONCLUSIONS

The Gab 11 & 12 mineral claims are underlain by Paleozoic sedimentary and volcanic rocks which host significant gold mineralization discovered by Gulf International Minerals in 1987 only 125 metres to the east of the Gab 12 claim block. These rocks are overlain by Mesozoic andesite to andesite agglomerate volcanics. Cretaceous to Tertiary intrusive rocks consisting mainly of quartz porphyry cut the rocks.

The 1987 season identified two zones with exciting gold values located in the southwest and southeast corners of the Gab 12 claim block. Assay values range up to 1.858 oz/ton gold within Fe-carbonate + pyrite + magnetite veins and pods and also in massive fine-grained pyrite and magnetite. A third zone located in the northeast corner of the Gab 12 displays similar geological and mineralizing characteristics as to the high-grade gold mineralization discovered on Gulf International Minerals McLymont 3 Northwest Zone. Diamond

CONS.
SEA GOLD CORP.

GULF
INTERNATIONAL
MINERALS

L.1+00 E.

L.2+00 E.

L.3+00 E.

L.4+00 E.

L.5+00E.

-5N.
-4N.
-3N.
-2N.
-1N.
-B/L
-1S.

SCALE 1:2000
m 0 50 100 m

LEGEND

- ⊙ 25-49 ppb Au
- ● 50-74 ppb Au
- ● 75-99 ppb Au
- ● 100 ppb Au

CONSOLIDATED SEA GOLD CORP.

GAB 11, 12 CLAIMS
NORTH GRID (S)
GEOCHEMISTRY MAP
Au IN SOILS
LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	By.	Date.	FIGURE.
J.W.	S. Todoruk	March 1988	9

3+00 N. | 2+00N. | 1+00N. | B/L | 1+00 S. | 2+00 S. | 3+00S. | 4+00 S. | 5+00 S.

L.0+00

20 15 15 10 15 30 20 10 20 10 10 20 20 5 nd 20 15 10 20 15 ns. 5 5 5 5 15 10 ns. ns. ns. ns. 15 25

L.1+00W.

20 ns. 10 10 ns. 10 10 15 10 15 10 nd nd 15 5 15 5 15 5 nd 5 15 10 10 10 10 20 10 15

L.2+00W.

5 nd 15 15 10 5 15 10 10 10 10 nd 25 nd 5 5 nd 10 10 5 nd nd 10 nd nd 15 20

N

SCALE 1:2000

m 0 50 100 m

LEGEND

25 Au ppb.

CONSOLIDATED SEA GOLD CORP.

GAB 11, 12 CLAIMS
SOUTH GRID (G)
GEOCHEMISTRY MAP
Au IN SOILS
LIARD MINING DIVISION, B.C

PAMICON DEVELOPMENTS LTD.

Drawn.	By.	Date.	FIGURE.
J.W.	S. Todoruk	March 1988	10

drilling by Gulf intersected mineralization which suggests a strong possibility exists that similar zones extend on to the Gab 12 claim.

10.0 RECOMMENDATIONS

GAB 11 & 12 CLAIMS

For the 1988 field season, priority should be placed on legally surveying in the Gab 11 & 12 mineral claim boundaries starting from the McLymont 1-4 Legal Corner Post as this LCP pre-dates the Gab 11 & 12 claims. Upon completion of this survey, geochem and geophysical survey lines should be compassed, chained and slope-corrected to cover the three main areas of interest on the Gab 11 & 12 claims. Geochemical soil sampling and geophysical surveying would then be carried out.

Prospecting and geological mapping would be continued in an effort to outline additional targets.

An airborne geophysical survey should be flown at 250 metre line spacings in a north-south direction to try and outline favourable areas of mineralization.

Upon a compilation of all available data, a trenching program should then be undertaken to test the strength of the individual zones.

A camp should be constructed on the claims to minimize helicopter costs.

A detailed budget is summarized below.

STU 8 & 9 CLAIMS

Continued prospecting and geological mapping should be carried out on the Stu 8 & 9 mineral claims during 1988. Prospecting in 1987 discovered gold-bearing quartz vein talus and efforts should be placed on locating its source.

A total of $15,000 should be made available for this program.

10.1 BUDGET - PHASE I

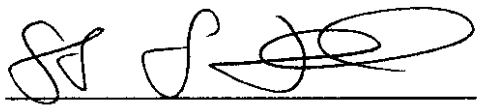
GAB 11 & 12 CLAIMS

WAGES		
Project Geologist		
17 days @ $350/day	$ 5,950	
Prospector		
17 days @ $225/day	3,825	
Helpers (geophysics, soil sampling, trenching)		
2 x 17 days @ $175/day	5,950	
Cook		
17 days @ $175/day	$ 2,975	
		$ 18,700
ANALYSES		
Assays		
200 rock chip samples @ $18/sample	$ 3,600	
500 soil samples @ $15.50/sample	7,750	
		11,350
AIRBORNE GEOPHYSICAL SURVEY		6,000
SUPPORT - 85 man days @ $125/man day		10,625
TRENCHING SUPPLIES		1,000
CAMP CONSTRUCTION		5,000
EQUIPMENT RENTALS - VLF, magnetometer, drill		1,000
TRANSPORTATION		
Vehicle Rental		
4 days @ $50/day	$ 200	
Airfares, fixed wing, helicopter	10,000	
		10,200
REPORT		3,000
Subtotal		66,875
Contingency @ 10%		6,690
Management @ 15% (expenses only)		7,200
TOTAL		$ 80,765

10.2 BUDGET - PHASE II

Contingent upon the success of the Phase I program, an additional $125,000 should be made available for a Phase II diamond drilling program to test favourably mineralized targets.

Respectfully submitted,



Steve L. Todoruk, Geologist

APPENDIX I

BIBLIOGRAPHY

BIBLIOGRAPHY

Caulfield, D.A. and C.K. Ikona (1987): Geological Report on the GIM Mineral Claim.

Delaware Resources Corp.: Progress Report, Snip Prospect, November 19, 1987.

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

Skyline Explorations Ltd.: Annual Report 1987.

Todoruk, S.L. and C.K. Ikona (1987): Geological Report on the Stu 1 & 2 Mineral Claims.

Todoruk, S.L. and C.K. Ikona (1987): Geological Report on the Gab 11 & 12 Mineral Claims and Stu 8 & 9 Mineral Claims.

Todoruk, S.L. and C.K. Ikona (1987): 1987 Summary Report on the Sky 4 & 5 and Spray 1 & 2 Claims.

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

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

APPENDIX II

COST STATEMENT

GAB 11 & 12, WEI, ZEL CLAIMS

COST STATEMENT
GAB 11 & 12, WEI, ZEL CLAIMS

WAGES

S. Todoruk - 7 days @ $350	$ 2,450.00	
E. Debock - 9 days @ $275	2,475.00	
R. Riedel - 8 days @ $175	1,400.00	
R. Gibson - 6 days @ $175	1,050.00	
C. Vanderveen - 6 days @ $175	1,050.00	
- 1 day @ $200	200.00	
J. Lopez - 7 days @ $175	1,225.00	
C. Scott - 2 days @ $350	700.00	
N. Debock - 1 day @ $275	275.00	
C. Ikona - 2 days @ $450	900.00	
R. Darney - 2 days @ $400	800.00	
D. Fulcher - 2 days @ $300	600.00	
Management - 6 days @ $250	1,500.00	
		$14,625.00

SUPPORT

Man Day Support		
Crew - 47 days		
Management - 6 days		
NMH - 16 days		
69 days @ $125/day	$ 8,625.00	
Equipment and Expendible Field Supplies		
47 days @ $30	1,410.00	
		10,035.00

SUBCONTRACT

Aviation		
Helicopter	$ 8,119.21	
Fixed Wing	2,074.61	
Airstrip User Fee	1,500.00	
		11,693.82

EXPENSES			
Travel (Air Fare)		464.80	
Equipment Rental			
Truck	$ 500.00		
ATV	500.00		
		1,000.00	
Orthophotos		$ 1,319.00	
Communication		100.00	
Freight		200.00	
Toodoggone Resources		372.03	
Assays		5,893.10	
			9,348.93
Management Fee on Expenses @ 15%			1,402.34
Management Fee on Subcontract @ 10%			1,169.39
TOTAL THIS PROGRAM			$48,274.48

APPENDIX III

COST STATEMENT

STU 8 & 9 CLAIMS

COST STATEMENT
STU 8 & 9 CLAIMS

WAGES		
S. Todoruk, Geologist 711, 675 West Hastings Street Vancouver, B.C. V6B 1N4 (1 day field, 2 days office) 3 days @ $350	$1,050.00	
N. Debock, Prospector 711, 675 West Hastings Street Vancouver, B.C. V6B 1N4 2 days (field) @ $275	550.00	
T. Hutchings, Geographer 711, 675 West Hastings Street Vancouver, B.C. V6B 1N4 1 day (office) @ $200	200.00	
TOTAL WAGES		$ 1,800.00
EXPENSES		
Support Costs - field 3 man days @ $155	$ 465.00	
Helicopter Support (Northern Mtn Helicopters) 1.1 hours @ $550	605.00	
Assays	73.50	
Orthophotos	1,247.50	
Report, Typing, Reproductions, Drafting	750.00	
TOTAL EXPENSES		3,141.00
Management Fee on Expenses		471.15
TOTAL THIS PROGRAM		$ 5,412.15

APPENDIX IV

ASSAY CERTIFICATES

for

GAB 11 & 12 CLAIMS

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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(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.
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(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.

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(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

VGC

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(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 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

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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
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BRANCH OFFICE
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(604) 251-5656

REPORT NUMBER: 871093 GA JOB NUMBER: 871093 **PAMICON DEVELOPMENT LTD.**

SAMPLE #	Au ppb
1351	80
1352	60
1353	1060
1354	220
1355	235
1356	20
1357	70
1358	15
1359	70
1360	3290
1361	200
1362	400
1363	10
1364	195
1365	580
1366	405
1367	240
1368	180
1369	2880
1374	2330
1375	230
1376	320
1377	45
1378	40
1379	1060
1380	7165
1381	340
1382	nd
1383	1090
1384	5

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

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 871093 AA JOB NUMBER: 871093 **PAMICON DEVELOPMENT LTD.**

SAMPLE #	Au oz/st
1351	---
1352	---
1353	---
1354	---
1355	---
1356	---
1357	---
1358	---
1359	---
1360	.096
1361	---
1362	---
1363	---
1364	---
1365	---
1366	---
1367	---
1368	---
1369	.084
1374	.068

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

REPORT NUMBER: 871093 AA JOB NUMBER: 871093 **PAMICON DEVELOPMENT LTD.**

SAMPLE #	Au oz/st
1375	---
1376	---
1377	---
1378	---
1379	---
1380	.209
1381	---
1382	---
1383	---
1384	---

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION:
PROJECT:

REPORT#: 871093PA
JOB#: 871093
INVOICE#: 871093NA

DATE RECEIVED: 87/08/19
DATE COMPLETED: 87/09/18
COPY SENT TO:

ANALYST W. Lewis

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
1351	4.5	.41	48	ND	71	8	.45	.1	16	13	180	3.34	.06	.13	134	3	.06	3	.06	36	ND	ND	7	ND	9	ND	5	40
1352	.6	2.56	34	ND	27	4	.15	.1	97	15	976	16.14	.07	.82	252	6	.33	15	.06	19	ND	ND	11	ND	7	ND	ND	31
1353	2.5	.28	93	ND	9	51	.04	.1	54	5	452	20.20	.09	.04	150	15	.38	2	.02	17	ND	ND	17	ND	2	ND	ND	6
1354	.1	1.31	66	ND	14	ND	.22	.1	180	18	512	16.72	.06	.91	156	5	.33	9	.01	9	ND	ND	12	ND	8	ND	ND	12
1355	.1	.77	22	ND	5	5	1.10	.1	55	32	981	9.84	.04	1.00	402	1	.21	9	.01	5	ND	ND	7	ND	10	ND	ND	15
1356	.1	.53	14	ND	55	5	.75	.1	12	8	54	5.72	.09	.32	239	1	.10	5	.10	5	ND	ND	9	ND	11	ND	ND	8
1357	.1	.63	21	ND	26	4	.34	.1	82	11	51	8.70	.09	.27	124	33	.15	10	.06	9	ND	ND	11	ND	6	ND	ND	6
1358	.1	.73	10	ND	21	ND	1.63	.1	27	22	28	3.59	.07	.74	669	4	.08	8	.02	1	ND	ND	7	ND	16	ND	3	9
1359	6.3	.20	251	ND	11	ND	.26	.1	15	8	2450	56.04	.22	.12	1801	11	1.09	ND	.05	24	ND	ND	20	ND	2	ND	84	24
1360	17.3	.54	146	ND	8	19	.34	.1	77	9	4821	43.31	.16	.84	2099	3	.87	6	.05	76	ND	ND	24	ND	3	ND	ND	48
1361	.1	.34	16	ND	17	ND	.05	.1	53	92	147	11.12	.05	.20	106	74	.23	5	.01	11	ND	ND	13	ND	2	ND	ND	59
1362	.1	.44	24	ND	22	ND	.06	.1	170	45	78	28.62	.11	.33	139	60	.56	3	.01	11	ND	ND	17	ND	3	ND	ND	4
1363	.5	1.64	13	ND	29	5	.17	.1	13	7	40	5.72	.05	1.18	159	24	.12	5	.09	7	ND	ND	8	ND	4	ND	ND	22
1364	.1	.45	46	ND	12	ND	.77	.1	16	74	21	8.79	.08	.25	147	125	.16	6	.05	10	ND	ND	11	ND	13	ND	ND	5
1365	.1	1.27	13	ND	27	ND	1.67	.1	45	10	32	9.94	.08	.99	325	17	.20	7	.02	5	ND	ND	8	ND	19	ND	ND	10
1366	.1	1.20	21	ND	12	ND	1.92	.1	90	11	534	18.72	.11	1.11	292	42	.38	9	.02	8	ND	ND	11	ND	27	ND	ND	5
1367	.1	.22	19	ND	4	ND	.12	.1	91	83	63	21.95	.10	.06	28	392	.42	3	.01	13	ND	ND	15	ND	5	ND	ND	ND
1368	.1	.60	191	ND	13	ND	.14	.1	85	10	528	15.95	.09	.26	62	14	.31	17	.04	11	ND	ND	14	ND	2	ND	ND	5
1369	2.1	.86	52	ND	12	4	.07	.1	50	58	8999	21.90	.08	.64	103	55	.45	17	.03	9	ND	ND	14	ND	1	ND	ND	17
1374	.1	.20	122	ND	8	ND	.08	.1	21	6	2160	52.91	.21	.10	1015	18	1.04	ND	.01	52	ND	ND	22	ND	1	ND	23	27
1375	2.2	.16	129	ND	5	ND	.08	.1	32	8	4032	47.24	.17	.22	1005	10	.93	8	.02	120	ND	ND	20	ND	1	ND	ND	18
1376	14.6	.13	88	ND	2	11	.02	.1	15	20	651	24.81	.09	.03	323	7	.48	9	.01	65	ND	ND	19	ND	ND	ND	ND	9
1377	.1	1.87	14	ND	17	ND	1.54	.1	14	16	297	6.70	.07	1.24	508	26	.15	7	.12	4	ND	ND	7	ND	21	ND	ND	27
1378	.1	1.52	15	ND	25	ND	1.51	.1	7	11	245	5.89	.06	1.01	471	14	.13	6	.05	2	ND	ND	7	ND	20	ND	ND	19
1379	.1	.06	285	ND	6	ND	.16	.1	67	7	8931	43.38	.14	.10	220	5	.87	2	.06	35	ND	ND	24	ND	2	ND	ND	17
1380	5.3	.20	357	ND	6	ND	.04	.1	113	12	1627	35.52	.13	.06	149	3	.71	50	.02	157	ND	ND	18	ND	2	ND	ND	40
1381	10.1	.35	1914	ND	4	42	.07	.1	98	7	2254	44.68	.15	.33	860	3	.89	4	.01	144	ND	ND	24	ND	1	ND	ND	37
1382	.2	.08	42	ND	282	ND	.83	.1	3	23	53	1.84	.07	.37	808	ND	.01	5	.01	10	ND	ND	9	ND	605	ND	7	12
1383	.6	.32	86	ND	17	ND	1.20	.1	23	6	3406	48.71	.22	.30	539	54	.36	2	.57	16	ND	ND	21	ND	18	ND	ND	19
1384	.1	.73	199	ND	6	ND	.24	.1	395	15	1350	23.53	.12	.48	178	10	.45	60	.13	43	ND	ND	18	ND	5	ND	ND	9
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871141 GA JOB NUMBER: 871141 **PAMICON DEVELOPMENT LTD.** PAGE 1 OF 1

SAMPLE #	Au
	ppb
1385	11790
1386	105
1387	40
1388	nd
1389	40
1390	20
1391	40
1392	5
1393	nd

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

VANGEOCHEM LAB LIMITED

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(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871141 AA JOB NUMBER: 871141 **PAMICON DEVELOPMENT LTD.**

SAMPLE #	Au oz/st
1385	.344
1386	--
1387	--
1388	--
1389	--
1390	--
1391	--
1392	--
1393	--

DETECTION LIMIT .005

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

signed:

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION:
PROJECT:

REPORT#: 871141PA
JOB#: 871141
INVOICE#: 871141NA

DATE RECEIVED: 87/08/24
DATE COMPLETED: 87/09/18
COPY SENT TO:

ANALYST W. Fletcher

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
1385	4.5	.54	1381	12	6	17	.09	.1	77	9	383	23.44	.07	.22	229	3	.46	2	.02	43	ND	ND	13	ND	2	ND	ND	42
1386	.1	1.40	91	ND	22	4	1.65	.1	11	29	91	3.90	.05	.86	513	2	.08	1	.08	ND	ND	ND	ND	ND	22	ND	ND	37
1387	.1	.23	ND	ND	1542	ND	.78	.1	2	12	24	1.46	.04	.06	758	ND	.01	ND	.10	ND	ND	ND	ND	ND	119	ND	6	21
1388	.1	.51	ND	3	786	ND	4.10	.1	2	27	4	6.08	.06	1.16	1158	1	.13	ND	.09	ND	ND	ND	ND	ND	49	ND	ND	10
1389	.1	.19	13	ND	1178	ND	3.17	.4	3	11	6	3.40	.06	.46	1320	1	.11	1	.04	ND	ND	ND	ND	ND	78	ND	4	142
1390	.1	.17	ND	ND	2303	ND	4.99	1.5	4	70	5	5.50	.07	.12	1584	10	.21	ND	.02	4	ND	ND	ND	ND	141	ND	ND	316
1391	.2	.09	ND	ND	987	3	.72	.1	1	32	108	.87	.04	.14	439	1	.01	ND	.01	ND	ND	ND	5	ND	29	ND	9	13
1392	.1	.08	ND	ND	1360	ND	1.31	.1	2	18	6	1.29	.04	.34	492	1	.03	ND	.01	1	ND	ND	3	ND	67	ND	11	22
1393	.1	.08	ND	ND	1633	ND	4.89	.1	3	16	4	2.61	.05	.98	1195	ND	.08	ND	.01	2	ND	ND	ND	ND	248	ND	6	50
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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NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871143 GA JOB NUMBER: 871143 **PAMICON DEVELOPMENT LTD.**

SAMPLE #	Au ppb
1370	280
1371	90
1372	30
1373	25060
1394	nd
1395	10
1396	2980
1397	13300
1398	20
1399	nd
1400	35
1401	nd
1402	10
1403	10
15376	nd
15377	nd
15378	nd
15379	10
15380	75
15381	10
15382	nd
15383	nd
15384	25
15385	5

0.068

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

VANGEOCHEM LAB LIMITED

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NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871143 AA JOB NUMBER: 871143 **PAMICON DEVELOPMENT LTD.**

SAMPLE #	Au oz/st
1373	.789
1396	.092
1397	.392

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:2 HCL-HNO3-H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR Sr,Mn,Fe,La,P,Ga,Mo,Cu,Pb,Al,Na,K,W,Zn AND Sr. As AND Pb DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, NA= NOT ANALYZED

COMPANY: PAMICON
ATTENTION:
PROJECT: CS6

REPORT#: 871143NA
JOB#: 871143
INVOICE#: 871143NA

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

ANALYST A. Hawes

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
1370	.1	3.60	58	4	6	ND	.14	.1	162	7	3452	20.51	.05	2.68	315	14	.44	19	.02	14	ND	ND	3	ND	2	ND	ND	35
1371	.1	.19	21	4	2	ND	1.51	.1	136	56	101	22.66	.10	.06	100	87	.43	6	.01	16	ND	ND	6	ND	14	ND	ND	1
1372	.1	.41	9	ND	5	ND	.37	.1	62	16	45	7.46	.04	.23	69	1101	.14	6	.03	16	ND	ND	3	ND	5	ND	ND	14
1373	19.9	.37	115	19	8	26	.12	.5	33	12	1326	20.39	.06	.15	342	113	.39	2	.02	52	ND	ND	9	ND	1	ND	ND	21
1394	.1	.39	5	ND	698	ND	.39	.1	4	31	16	3.34	.05	.03	290	5	.03	4	.09	9	ND	ND	ND	ND	35	ND	4	25
1395	.1	.19	ND	ND	2100	ND	5.87	.1	5	11	2	3.03	.04	.18	1412	1	.09	ND	.03	1	ND	ND	ND	ND	291	ND	3	98
1396	12.8	1.43	12	4	39	20	.41	.1	103	38	36	10.59	.03	1.22	437	8	.21	24	.03	18	ND	ND	4	ND	19	ND	ND	31
1397	46.6	.12	18	7	183	5	.09	.1	2	18	914	1.38	.03	.02	133	3	.01	3	.01	789	ND	ND	4	ND	8	6	4	10
1398	.6	.13	20	ND	80	ND	.01	.1	3	28	81	1.85	.03	.01	146	ND	.02	1	.01	24	ND	ND	9	ND	2	3	5	8
1399	.2	.14	6	ND	96	4	.02	.5	4	16	14	2.45	.04	.01	147	ND	.03	2	.01	14	ND	ND	3	ND	7	3	6	10
1400	.2	.11	5	ND	366	ND	.01	.1	2	30	13	1.48	.03	.01	105	1	.02	3	.01	14	ND	ND	3	ND	12	4	8	7
1401	.1	.45	ND	ND	240	ND	3.80	.1	9	3	515	3.67	.07	1.28	1429	ND	.09	5	.05	10	ND	ND	ND	ND	59	ND	ND	28
1402	.1	.50	8	ND	107	ND	5.83	.1	14	22	576	4.95	.03	2.66	3260	ND	.14	22	.05	1	ND	ND	ND	ND	41	ND	ND	22
1403	.1	2.69	6	ND	32	ND	4.32	.1	15	1	933	5.29	.05	2.04	1025	ND	.13	6	.05	ND	ND	ND	ND	ND	73	ND	ND	25
15376	.1	.18	4	ND	399	3	.08	.2	3	31	26	2.29	.03	.04	140	ND	.03	3	.01	10	ND	ND	ND	ND	14	ND	5	5
15377	.1	.16	5	ND	119	ND	.98	.1	4	14	26	2.04	.05	.09	790	1	.02	5	.01	7	ND	ND	3	ND	4	ND	3	4
15378	.1	.19	17	ND	6	ND	.02	.1	76	29	35	8.33	.07	.02	295	8	.13	8	.01	15	ND	ND	6	ND	2	ND	ND	7
15379	.1	.07	16	ND	12	64	.03	.1	35	18	80	6.19	.03	.02	200	7	.10	8	.01	26	ND	ND	7	ND	1	ND	4	5
15380	.1	.16	ND	ND	130	3	6.16	.1	2	8	7	4.01	.04	1.73	2097	ND	.10	4	.01	2	ND	ND	ND	ND	21	ND	ND	16
15381	.1	.12	9	ND	58	3	.08	.2	10	140	30	3.01	.04	.03	148	10	.04	7	.01	11	ND	ND	4	ND	5	3	4	3
15382	.1	.09	6	ND	185	ND	.04	.1	6	32	26	3.05	.02	.02	183	44	.04	11	.01	12	ND	ND	5	ND	4	ND	ND	4
15383	.1	.10	12	ND	193	ND	.01	.1	6	103	49	5.01	.03	.01	224	31	.07	4	.01	10	ND	ND	3	ND	4	ND	3	7
15384	.4	.23	13	ND	79	13	.02	.1	12	14	205	4.45	.06	.03	159	4	.06	5	.01	16	ND	ND	6	ND	6	3	ND	7
15385	.1	.06	8	ND	26	10	.01	.1	8	145	171	3.59	.04	.01	89	11	.05	11	.01	13	ND	ND	3	ND	11	5	ND	4
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871150 GA JOB NUMBER: 871150 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
G-BL	0+00W	20
G-BL	0+25W	15
G-BL	0+50W	15
G-BL	0+75W	25
G-BL	1+00W	15
G-BL	1+25W	15
G-BL	1+75W	25
G-BL	2+00W	15
G-BL	2+25W	15
G-BL	2+50W	10
G-BL	2+75W	20
G-BL	3+00W	15
G-BL	3+50W	10
G-BL	3+75W	nd
G-L0	0+25N	20
G-L0	0+50N	10
G-L0	0+75N	10
G-L0	1+00N	20
G-L0	1+25N	10
G-L0	1+50N	20
G-L0	1+75N	30
G-L0	2+00N	15
G-L0	2+25N	10
G-L0	2+50N	15
G-L0	2+75N	15
G-L0	3+00N	20
G-L1W	0+25N	10
G-L1W	0+50N	15
G-L1W	0+75N	10
G-L1W	1+00N	10
G-L1W	1+50N	10
G-L1W	1+75N	10
G-L1W	2+25N	20
G-L2W	0+25N	5
G-L2W	0+50N	10
G-L2W	0+75N	15
G-L2W	1+00N	15
G-L2W	1+25N	nd
G-L2W	1+50N	5
DETECTION LIMIT		5

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

VANGEOCHEM LAB LIMITED

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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

SAMPLE #	Au ppb
S-BL 0+25E	25
S-BL 0+50E	20
S-BL 0+75E	10
S-BL 1+00E	25
S-BL 1+25E	20
S-BL 1+50E	30
S-BL 1+75E	20
S-BL 2+00E	35
S-BL 2+25E	80
S-BL 2+50E	45
S-BL 2+75E	30
S-BL 3+00E	70
S-BL 3+25E	40
S-BL 3+50E	70
S-BL 3+75E	50
S-BL 4+00E	50
S-BL 4+25E	30
S-BL 4+50E	35
S-BL 4+75E	40
S-BL 5+00E	10
S-L1E 0+25S	25
S-L1E 0+75S	20
S-L1E 1+25S	15
S-L1E 1+50S	20
S-L2E 0+25N	30
S-L2E 0+50N	115
S-L2E 0+75N	40
S-L2E 1+00N	35
S-L2E 1+25N	45
S-L2E 1+50N	25
S-L2E 1+75N	40
S-L2E 2+00N	35
S-L2E 2+25N	10
S-L2E 2+50N	30
S-L2E 2+75N	25
S-L2E 3+00N	10
S-L2E 3+25N	15
S-L2E 0+25S	150
S-L2E 0+75S	450
DETECTION LIMIT	5

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

VANGEOCHEM LAB LIMITED

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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

SAMPLE #	Au ppb
S-L2E 1+00S	275
S-L2E 1+25S	750
S-L2E 1+50S	85
S-L3E 0+25N	65
S-L3E 0+50N	25
S-L3E 0+75N	340
S-L3E 1+25N	20
S-L3E 1+50N	5
S-L3E 1+75N	30
S-L3E 2+00N	20
S-L3E 2+25N	15
S-L3E 2+50N	5
S-L3E 2+75N	15
S-L3E 3+00N	20
S-L3E 3+25N	25
S-L3E 3+50N	5
S-L3E 3+75N	20
S-L3E 0+25S	115
S-L3E 0+75S	130
S-L3E 1+25S	100

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

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,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: CSG

REPORT#: 871150PA
JOB#: 871150
INVOICE#: 87115ONA

DATE RECEIVED: 87/08/25
DATE COMPLETED: 87/09/21
COPY SENT TO:

ANALYST A. Peeres

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
G-BL-0+00	.3	4.58	11	ND	14	ND	.03	.1	3	7	52	5.77	.10	.08	1315	6	.08	4	.07	16	ND	ND	ND	2	1	ND	ND	99
G-BL-0+25W	.9	3.55	11	ND	35	ND	.04	.1	4	5	16	4.00	.09	.15	321	6	.03	4	.06	17	ND	ND	ND	3	4	ND	ND	97
G-BL-0+50W	1.0	6.35	3	ND	18	ND	.03	.1	3	4	13	4.28	.10	.08	542	6	.06	3	.08	9	ND	ND	ND	ND	1	3	ND	126
G-BL-0+75W	2.2	7.28	3	ND	25	ND	.03	.1	2	2	10	4.83	.10	.06	1250	8	.05	3	.05	4	ND	ND	ND	ND	1	3	ND	102
G-BL-1+00W	1.3	4.93	10	ND	30	ND	.04	.1	3	2	10	4.60	.12	.08	883	6	.04	3	.05	12	ND	ND	ND	1	1	4	ND	141
G-BL-1+25W	.7	5.22	11	ND	22	ND	.03	.1	3	4	8	4.33	.11	.07	570	5	.04	2	.07	8	ND	ND	ND	ND	1	ND	ND	100
G-BL-1+75W	1.5	5.95	6	ND	16	ND	.03	.1	2	5	6	5.35	.12	.08	540	7	.05	4	.04	7	ND	ND	ND	ND	1	ND	ND	110
G-BL-2+00W	1.8	5.16	9	ND	10	ND	.03	.1	2	5	6	6.34	.10	.07	407	9	.07	3	.04	21	ND	ND	ND	2	1	3	ND	84
G-BL-2+25W	.5	3.92	7	ND	9	ND	.02	.1	3	7	13	6.29	.07	.07	947	8	.09	3	.05	19	ND	ND	ND	6	1	ND	ND	69
G-BL-2+50W	.1	3.30	7	ND	165	ND	.08	.1	9	6	16	6.25	.11	.28	1737	4	.08	6	.09	11	ND	ND	ND	1	5	ND	ND	98
G-BL-2+75W	.7	3.96	7	ND	40	ND	.05	.1	5	5	16	4.64	.09	.22	1146	5	.08	4	.05	9	ND	ND	ND	ND	3	ND	ND	133
G-BL-3+00W	.7	3.93	8	ND	37	ND	.05	.1	4	6	16	2.95	.10	.18	214	5	.01	4	.06	14	ND	ND	ND	2	3	ND	ND	103
G-BL-3+50W	.2	3.61	5	ND	21	ND	.03	.1	5	5	10	4.07	.10	.11	486	3	.01	4	.08	12	ND	ND	ND	3	3	ND	ND	61
G-BL-3+75W	.1	2.65	8	ND	99	ND	.12	.1	9	7	23	4.34	.10	.48	1191	2	.06	10	.07	8	ND	ND	ND	1	8	ND	ND	129
G-LO-0+25N	.2	4.77	ND	ND	18	ND	.03	.1	3	6	15	3.79	.07	.14	344	4	.03	4	.07	ND	ND	ND	ND	ND	2	ND	ND	56
G-LO-0+50N	.2	1.09	10	ND	16	3	.05	.1	2	4	5	3.12	.04	.08	133	4	.04	6	.06	12	ND	ND	ND	4	4	ND	ND	25
G-LO-0+75N	2.0	6.11	8	ND	23	ND	.04	.1	3	3	10	5.00	.10	.09	974	7	.07	2	.04	7	ND	ND	ND	ND	1	ND	ND	148
G-LO-1+00N	1.5	5.19	8	ND	21	ND	.04	.1	2	3	8	5.00	.10	.08	801	6	.05	4	.04	9	ND	ND	ND	ND	1	3	ND	118
G-LO-1+25N	.1	3.15	10	ND	33	ND	.06	.1	7	7	25	3.97	.07	.41	802	3	.06	7	.07	2	ND	ND	ND	ND	4	ND	ND	91
G-LO-1+50N	.1	3.80	10	ND	32	ND	.08	.1	7	6	21	4.29	.07	.39	757	3	.08	8	.05	ND	ND	ND	ND	ND	3	ND	ND	120
G-LO-1+75N	.1	4.32	5	ND	16	ND	.03	.1	ND	6	7	4.57	.06	.06	138	4	.06	11	.07	ND	ND	ND	ND	ND	1	ND	ND	31
G-LO-2+00N	.1	3.95	6	ND	36	ND	.04	.1	6	8	24	5.42	.07	.36	1018	3	.08	8	.06	1	ND	ND	ND	ND	3	ND	ND	77
G-LO-2+25N	.1	3.08	8	ND	8	ND	.02	.1	2	6	10	4.75	.06	.04	131	4	.06	5	.06	8	ND	ND	ND	5	1	ND	ND	29
G-LO-2+50N	1.6	5.28	ND	ND	10	ND	.03	.1	1	5	9	6.79	.09	.06	717	7	.09	1	.04	20	ND	ND	ND	ND	ND	ND	ND	83
G-LO-2+75N	1.3	6.44	ND	ND	29	ND	.03	.1	3	3	8	3.95	.09	.06	849	6	.03	4	.04	1	ND	ND	ND	ND	1	ND	ND	101
G-LO-3+00N	.1	3.22	13	ND	9	ND	.03	.1	2	7	11	10.08	.06	.06	249	6	.19	4	.06	15	ND	ND	3	4	2	ND	ND	39
G-L1W-0+25N	.2	3.87	9	ND	29	ND	.04	.1	5	5	13	4.98	.10	.16	1548	6	.07	2	.08	14	ND	ND	ND	3	2	ND	ND	136
G-L1W-0+50N	.6	4.46	ND	ND	22	3	.04	.1	2	3	14	5.34	.08	.08	1167	6	.07	ND	.06	15	ND	ND	ND	ND	1	ND	ND	121
G-L1W-0+75N	.1	3.65	8	ND	38	4	.08	.1	12	8	36	3.73	.05	.56	1651	1	.09	8	.08	ND	ND	ND	ND	ND	4	ND	ND	88
G-L1W-1+00N	.7	3.68	6	ND	29	ND	.06	.1	5	5	18	4.75	.09	.24	572	6	.07	6	.06	18	ND	ND	ND	3	3	ND	ND	137
G-L1W-1+50N	.2	3.72	7	ND	9	3	.02	.1	2	8	13	5.79	.07	.08	202	6	.07	3	.06	17	ND	ND	ND	7	1	ND	ND	47
G-L1W-1+75N	.1	2.05	6	ND	95	3	.12	.1	11	7	42	4.23	.07	.58	1716	1	.08	8	.09	6	ND	ND	ND	ND	6	ND	ND	111
G-L1W-2+25N	.1	3.43	8	ND	69	ND	.07	.1	10	8	28	5.13	.08	.39	1918	2	.09	9	.11	2	ND	ND	ND	ND	4	ND	ND	100
G-L2W-0+25N	.4	2.65	4	ND	11	3	.03	.1	4	7	10	3.88	.06	.11	175	4	.04	4	.05	16	ND	ND	ND	9	2	ND	ND	38
G-L2W-0+50N	1.6	5.71	3	ND	32	ND	.04	.1	2	3	8	4.75	.11	.09	1003	7	.06	4	.03	6	ND	ND	ND	ND	1	3	ND	56
G-L2W-0+75N	1.1	4.29	5	ND	9	ND	.02	.1	2	6	8	6.17	.11	.07	365	6	.07	3	.05	23	ND	ND	ND	3	1	ND	ND	68
G-L2W-1+00N	.1	3.41	8	ND	5	ND	.02	.1	2	6	9	3.16	.06	.03	200	6	.15	ND	.05	30	ND	ND	5	8	1	ND	ND	33
G-L2W-1+25N	1.3	7.35	ND	ND	16	4	.02	.1	2	5	10	5.19	.08	.06	475	6	.06	ND	.06	ND	ND	ND	ND	ND	ND	ND	ND	88
G-L2W-1+50N	.2	3.42	5	ND	30	ND	.10	.1	5	6	17	3.48	.06	.28	216	3	.03	4	.06	7	ND	ND	ND	4	7	ND	ND	75
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#: 871150 PROJECT: REPORT: 871150PA DATE: 87/09/21 PAGE 2 OF 3

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
S-BL -0+25E	.1	2.51	16	ND	101	4	.20	.1	16	11	58	4.91	.07	1.25	1294	2	.12	15	.06	7	ND	ND	ND	ND	10	ND	ND	77
S-BL -0+50E	.1	3.31	13	ND	160	ND	.32	.6	15	9	62	5.02	.08	1.09	1475	3	.10	11	.07	7	ND	ND	ND	ND	11	ND	ND	90
S-BL -0+75E	.1	2.32	18	ND	98	ND	.25	.1	14	8	42	4.43	.06	1.15	1080	2	.11	8	.05	8	ND	ND	ND	ND	9	ND	ND	69
S-BL -1+00E	.1	2.92	18	ND	105	ND	.14	.1	20	10	80	5.28	.07	1.09	1921	2	.13	13	.05	12	ND	ND	ND	ND	6	ND	ND	87
S-BL -1+25E	.1	2.58	18	ND	57	4	.08	.4	16	10	62	4.95	.06	1.31	1277	2	.14	11	.04	5	ND	ND	ND	ND	4	ND	ND	84
S-BL -1+50E	.1	2.94	21	ND	48	ND	.08	.1	16	9	61	5.41	.09	.91	1829	4	.11	7	.06	13	ND	ND	ND	ND	4	ND	ND	107
S-BL -1+75E	.2	7.71	8	ND	21	ND	.02	.1	6	12	45	6.43	.04	.43	359	3	.14	3	.06	ND	ND	ND	ND	ND	2	ND	ND	46
S-BL -2+00E	.1	4.61	15	ND	57	ND	.04	.1	14	8	56	6.49	.11	.50	1220	4	.11	6	.04	10	ND	ND	ND	ND	3	ND	ND	80
S-BL -2+25E	1.2	5.17	63	ND	30	ND	.03	.1	8	6	58	6.30	.11	.27	943	6	.08	2	.04	22	ND	ND	ND	ND	2	ND	ND	88
S-BL -2+50E	.4	4.44	15	ND	26	ND	.04	.1	11	8	75	7.36	.07	.54	591	6	.15	5	.05	15	ND	ND	ND	ND	3	ND	ND	60
S-BL -2+75E	.1	3.27	26	ND	43	ND	.08	.1	11	8	54	5.35	.08	.40	1157	5	.08	8	.11	13	ND	ND	ND	ND	5	ND	ND	53
S-BL -3+00E	.1	3.20	91	ND	81	ND	.22	.1	17	10	77	5.58	.09	.74	2369	3	.08	12	.11	10	ND	ND	ND	ND	11	ND	ND	91
S-BL -3+25E	.1	3.00	29	ND	32	ND	.07	.1	12	9	53	5.60	.06	.47	1527	5	.12	5	.12	5	ND	ND	ND	ND	5	ND	ND	66
S-BL -3+50E	.2	1.53	26	ND	36	4	.08	.1	4	6	22	7.23	.08	.13	290	5	.14	2	.05	33	ND	ND	6	8	5	ND	ND	47
S-BL -3+75E	.3	1.53	18	ND	11	ND	.03	.1	4	5	28	5.32	.06	.11	528	9	.08	3	.08	26	ND	ND	4	7	3	ND	ND	33
S-BL -4+00E	.1	1.87	55	ND	16	ND	.09	.1	12	9	120	18.64	.10	.19	1904	4	.42	6	.19	14	ND	ND	6	ND	3	ND	ND	30
S-BL -4+25E	.1	1.70	14	ND	139	ND	.22	.1	18	6	65	5.38	.05	.56	8217	2	.13	4	.25	11	ND	ND	ND	ND	9	ND	ND	54
S-BL -4+50E	.1	2.65	12	ND	27	ND	.05	.1	7	7	26	6.56	.08	.21	2621	5	.10	4	.16	13	ND	ND	ND	2	3	ND	ND	99
S-BL -4+75E	.1	2.81	14	ND	100	3	.17	.1	21	9	106	6.77	.07	.81	2744	7	.16	13	.10	5	ND	ND	ND	ND	7	ND	ND	106
S-BL -5+00E	.1	1.33	8	ND	36	ND	.02	.1	2	1	5	2.45	.04	.06	178	1	.02	2	.05	9	ND	ND	ND	1	3	ND	ND	23
S-L1E-0+25S	.1	2.52	15	ND	166	ND	.29	.1	18	11	72	5.33	.06	1.38	1377	1	.13	21	.07	6	ND	ND	ND	ND	10	ND	ND	77
S-L1E-0+75S	.1	2.02	10	ND	111	ND	.30	.1	16	14	54	4.79	.05	1.47	1262	1	.13	16	.07	6	ND	ND	ND	ND	10	ND	3	63
S-L1E-1+25S	.1	2.10	15	ND	148	3	.39	.4	18	13	58	5.03	.05	1.66	1298	ND	.14	18	.07	1	ND	ND	ND	ND	14	ND	ND	71
S-L1E-1+50S	.1	1.99	12	ND	119	ND	.35	.2	16	11	54	4.62	.06	1.57	1152	1	.13	15	.07	5	ND	ND	ND	ND	11	ND	ND	66
S-L1E-0+25N	.1	4.19	46	ND	19	ND	.03	.1	3	5	40	4.51	.07	.17	263	4	.05	2	.09	14	ND	ND	ND	2	2	ND	ND	57
S-L1E-0+50N	.3	1.94	406	ND	46	ND	.10	.1	20	7	85	6.78	.06	.56	3290	4	.15	11	.14	19	ND	ND	4	ND	7	ND	ND	58
S-L1E-0+75N	.1	3.08	19	ND	27	ND	.04	.1	6	7	39	4.32	.05	.36	708	6	.07	4	.12	9	ND	ND	ND	ND	3	ND	ND	66
S-L1E-1+00N	.1	2.69	22	ND	17	ND	.03	.1	6	6	26	5.37	.07	.16	1128	4	.06	4	.09	17	ND	ND	ND	7	3	ND	ND	55
S-L1E-1+25N	.1	2.60	65	ND	12	3	.04	.1	6	8	43	6.73	.06	.20	782	7	.13	5	.09	24	ND	ND	3	6	3	ND	ND	50
S-L1E-1+50N	.1	1.53	16	ND	160	ND	.24	.1	17	4	28	4.09	.04	.59	14413	1	.11	4	.23	14	ND	ND	ND	ND	10	ND	ND	79
S-L1E-1+75N	.1	2.43	11	ND	25	ND	.02	.1	3	4	18	3.93	.02	.20	322	3	.07	1	.07	3	ND	ND	ND	ND	2	ND	ND	18
S-L1E-2+00N	.3	2.11	12	ND	22	ND	.02	.1	3	6	15	3.92	.03	.18	340	3	.06	2	.06	9	ND	ND	ND	2	3	ND	ND	24
S-L1E-2+25N	.6	1.42	11	ND	16	ND	.05	.1	5	5	13	4.48	.05	.07	236	5	.06	1	.04	33	ND	ND	7	15	5	ND	ND	36
S-L1E-2+50N	.1	2.77	10	ND	23	ND	.08	.1	3	7	19	2.15	.04	.23	160	3	.02	2	.08	13	ND	ND	ND	4	7	ND	ND	38
S-L1E-2+75N	.1	2.89	27	ND	20	ND	.06	.1	6	8	37	4.77	.04	.36	631	5	.09	3	.17	5	ND	ND	ND	1	5	ND	ND	59
S-L1E-3+00N	.1	2.86	10	ND	40	ND	.19	.1	5	7	25	3.42	.05	.31	287	4	.04	4	.07	14	ND	ND	ND	4	19	ND	ND	62
S-L1E-3+25N	.1	1.21	15	ND	19	ND	.06	.1	8	5	16	3.94	.04	.11	2250	4	.06	4	.12	21	ND	ND	4	8	12	ND	ND	35
S-L1E-0+25S	.1	1.80	38	ND	181	ND	.06	.1	26	4	165	15.15	.11	.52	1053	14	.29	9	.14	10	ND	ND	4	ND	6	ND	ND	34
S-L1E-0+75S	.1	2.23	128	ND	93	ND	.03	.1	74	4	909	21.90	.13	.95	1280	16	.46	15	.08	24	ND	ND	9	ND	3	ND	ND	33
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: PAMICON DEVELOPMENT JOB#: 871150 PROJECT: REPORT: 871150PA DATE: 87/09/21 PAGE 3 OF 3

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
S-L2E-1+00S	.1	2.72	42	3	87	ND	.12	.1	67	8	609	9.07	.08	1.21	2351	8	.22	15	.08	18	ND	ND	3	ND	6	ND	ND	57
S-L2E-1+25S	.1	2.54	82	4	98	ND	.15	.1	70	5	656	11.28	.08	1.20	2244	6	.26	12	.10	20	ND	ND	5	ND	6	ND	ND	54
S-L2E-1+50S	.1	2.40	68	3	138	4	.30	.1	29	10	184	6.66	.05	1.58	1445	2	.17	17	.08	17	ND	ND	3	ND	12	ND	ND	67
S-L3E-0+25N	.1	2.75	77	3	85	3	.27	.1	20	9	92	5.62	.07	.85	2389	2	.13	11	.11	18	ND	ND	ND	ND	11	ND	ND	89
S-L3E-0+50N	.1	2.54	15	3	23	ND	.04	.1	14	9	38	5.91	.04	.22	2208	6	.12	7	.12	19	ND	ND	3	ND	4	ND	ND	57
S-L3E-0+75N	.1	2.99	288	4	24	ND	.16	.1	50	6	229	12.46	.07	.32	4945	2	.28	14	.20	24	ND	ND	4	ND	4	ND	ND	38
S-L3E-1+25N	.1	1.86	24	5	11	ND	.03	.1	10	8	26	6.16	.05	.20	1230	6	.10	3	.08	27	ND	ND	5	3	3	ND	ND	44
S-L3E-1+50N	.1	3.27	12	13	4	ND	.02	.1	2	10	14	8.82	.07	.06	470	8	.14	ND	.05	40	ND	ND	5	4	1	ND	ND	43
S-L3E-1+75N	.1	4.58	7	10	6	ND	.02	.1	2	7	16	6.16	.06	.05	208	6	.08	ND	.05	36	ND	ND	ND	ND	1	ND	ND	54
S-L3E-2+00N	.1	3.16	11	3	19	ND	.02	.1	7	7	32	5.35	.03	.22	1123	5	.11	2	.08	16	ND	ND	ND	ND	2	ND	ND	65
S-L3E-2+25N	.1	4.27	12	12	5	ND	.02	.1	3	8	14	7.00	.06	.07	507	7	.10	2	.05	36	ND	ND	4	2	1	ND	ND	54
S-L3E-2+500N	.1	2.02	13	4	48	ND	.05	.1	10	5	17	6.61	.06	.14	2876	3	.12	4	.11	20	ND	ND	3	ND	4	ND	ND	61
S-L3E-2+75N	.5	5.32	6	11	8	ND	.02	.1	4	6	14	5.40	.08	.08	1138	7	.06	2	.05	37	ND	ND	ND	ND	1	ND	ND	71
S-L3E-3+00N	.1	3.72	ND	9	8	ND	.02	.1	2	8	10	5.45	.05	.05	316	6	.07	ND	.06	31	ND	ND	4	5	2	ND	ND	44
S-L3E-3+25N	.1	3.30	ND	ND	26	ND	.05	.1	5	9	38	3.47	.03	.32	492	3	.06	5	.12	10	ND	ND	ND	ND	5	ND	ND	44
S-L3E-3+50N	.1	3.83	35	4	39	ND	.10	.1	6	9	22	4.62	.11	.17	6751	7	.04	2	.14	22	ND	ND	ND	ND	5	ND	ND	132
S-L3E-3+75N	.1	3.20	12	3	57	ND	.17	.1	9	9	75	4.14	.06	.69	592	2	.08	7	.08	16	ND	ND	ND	ND	8	ND	ND	89
S-L3E-0+25S	.1	6.58	18	4	91	ND	.11	.1	42	6	61	9.42	.12	.68	4105	14	.19	7	.10	12	ND	ND	ND	ND	5	ND	ND	110
S-L3E-0+75S	.1	3.27	18	5	49	ND	.35	.1	78	7	784	12.50	.07	1.72	1376	20	.30	20	.07	14	ND	ND	3	ND	25	ND	ND	52
S-L3E-1+25S	.1	2.62	21	3	75	ND	.20	.1	38	9	204	7.94	.05	1.77	1168	6	.20	18	.07	10	ND	ND	ND	ND	9	ND	ND	57
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871212 GA JOB NUMBER: 871212 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
15389	10
15390	nd
15391	nd
15392	nd
15393	nd
15394	nd
15395	nd
15396	105
15397	nd
15398	23000
15399	75
15400	120
15426	nd
15427	nd
15428	nd
15429	nd
15430	nd
15431	5
15432	5
15433	nd
15434	nd
15435	nd
15436	nd
15437	50
15438	nd
15439	3000
15440	290
15441	75
15442	1950
15443	200
15444	125
HM # 1	nd
HM # 2	5
HM # 3	nd
HM # 4	nd
HM # 5	nd
HM #20	nd
HM #23	nd
HM #24	nd
DETECTION LIMIT	5

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

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871212 GA JOB NUMBER: 871212 **PAMICON DEVELOPMENT LTD.**

SAMPLE #	Au ppb
HM #25	10
HM #26	95
HM #27	40
SI #21	nd
SI #22	10

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

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871212 AA JOB NUMBER: 871212 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au oz/st
15398	.688
15439	.086

DETECTION LIMIT .005

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

signed: _____

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION:
PROJECT: CSG

REPORT#: 871212PA
JOB#: 871212
INVOICE#: 871212NA

DATE RECEIVED: 87/10/09
DATE COMPLETED: 87/10/14
COPY SENT TO:

ANALYST W. Reeves

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
15389	.3	.30	ND	ND	1275	ND	.06	.1	4	14	16	1.69	.07	.04	1106	1	.02	6	.03	21	ND	ND	11	ND	27	ND	ND	27
15390	.2	.37	21	ND	149	ND	.05	.1	5	16	10	2.55	.08	.02	1753	3	.02	8	.04	22	ND	ND	8	ND	6	ND	ND	47
15391	.2	.23	10	ND	100	ND	.23	.1	4	12	6	2.11	.07	.02	1356	ND	.02	4	.05	14	ND	ND	5	ND	7	ND	5	38
15392	.3	.18	19	ND	26	ND	.89	.1	3	18	5	1.30	.08	.01	508	1	.01	3	.05	14	ND	ND	3	ND	35	3	ND	15
15393	.7	.33	28	ND	69	ND	.63	.1	4	4	4	2.66	.11	.07	615	1	.01	3	.08	27	ND	ND	6	ND	25	ND	3	11
15394	.1	.19	ND	ND	1242	ND	3.02	.1	8	17	1	2.83	.07	.19	1290	ND	.07	3	.02	9	ND	ND	ND	ND	66	ND	ND	66
15395	.5	.27	15	ND	68	ND	.14	.1	2	12	47	1.49	.08	.01	541	1	.01	6	.04	16	ND	ND	6	ND	7	4	7	18
15396	9.0	.14	67	ND	516	ND	.29	.1	2	29	2975	.93	.06	.01	681	1	.01	4	.02	14	ND	ND	26	1	13	ND	3	38
15397	.1	.16	ND	ND	743	ND	.18	.1	6	16	40	2.37	.06	.03	1417	ND	.03	2	.01	14	ND	ND	3	ND	26	ND	3	44
15398	16.9	.88	7942	15	13	ND	2.66	.1	214	6	1275	28.84	.03	.83	1231	117	.70	3	.01	297	ND	ND	33	ND	74	ND	ND	292
15399	42.5	.08	10452	4	7	ND	.74	486.0	27	11	1219	35.22	.01	.89	26942	8	12.74	3	.01	19813	ND	ND	131	ND	5	ND	ND	34819
15400	.5	.16	232	ND	132	4	.07	5.9	6	25	30	2.54	.05	.04	1632	2	.28	3	.01	314	ND	ND	8	ND	7	ND	ND	695
15426	4.1	.32	103	ND	51	ND	.59	1.6	4	5	8	3.12	.09	.02	733	1	.11	3	.07	146	ND	ND	8	ND	21	ND	ND	205
15427	2.2	.35	64	ND	40	ND	.09	.1	2	6	1	2.58	.11	.01	136	1	.02	3	.08	37	ND	ND	8	ND	10	4	ND	30
15428	1.2	.34	58	ND	81	4	.88	3.0	3	4	4	2.78	.09	.05	801	1	.15	1	.08	173	ND	ND	8	ND	41	ND	4	370
15429	2.0	.37	67	ND	59	ND	.25	.3	3	4	2	3.11	.10	.02	458	1	.09	3	.08	271	ND	ND	8	ND	16	ND	ND	172
15430	.1	.73	3	ND	182	ND	1.98	.1	9	10	7	3.91	.10	.16	525	ND	.08	41	.09	20	ND	ND	3	ND	55	ND	ND	55
15431	.1	.74	ND	ND	951	ND	9.72	.1	5	11	75	2.54	.01	1.17	898	ND	.10	19	.05	13	ND	ND	ND	ND	153	ND	ND	54
15432	.1	.29	ND	ND	2063	ND	1.14	.1	4	20	2	1.44	.04	.11	910	ND	.03	5	.03	12	ND	ND	6	ND	123	ND	3	21
15433	.2	.31	ND	ND	1775	4	.35	.1	3	11	234	.94	.05	.11	249	ND	.02	4	.02	13	ND	ND	5	ND	255	ND	3	22
15434	2.0	.01	3	ND	386	ND	.05	.1	5	6	315	.71	.05	.01	77	1	.01	9	.01	14	ND	ND	6	1	437	4	ND	9
15435	.5	.10	7	ND	864	5	.09	.1	2	12	1196	.64	.06	.01	137	1	.01	4	.01	16	ND	ND	12	1	328	5	ND	14
15436	.3	.12	ND	ND	1375	5	.21	.1	3	21	291	.64	.06	.01	190	1	.01	4	.02	14	ND	ND	11	ND	165	4	3	19
15437	.4	.24	22	ND	380	7	.32	.1	3	20	15	1.81	.06	.05	359	12	.02	15	.02	16	ND	ND	6	ND	17	5	3	12
15438	.5	.16	ND	ND	1417	7	.05	.1	2	33	941	.92	.08	.01	336	1	.01	7	.02	13	ND	ND	9	ND	156	5	7	14
15439	.1	.99	103	ND	26	ND	.83	.1	39	25	722	10.98	.02	.44	406	48	.22	149	.13	32	ND	ND	15	ND	10	ND	ND	20
15440	.1	1.95	136	ND	8	ND	.58	.1	166	25	1566	20.73	.03	.70	389	182	.41	335	.21	38	ND	ND	18	ND	7	ND	ND	20
15441	.1	1.69	78	ND	45	4	.60	.1	42	49	524	12.95	.04	.42	364	14	.25	63	.30	35	ND	ND	18	ND	7	ND	ND	35
15442	5.9	2.61	64	ND	10	ND	.48	.1	81	39	878	21.22	.01	.72	234	30	.42	169	.28	34	ND	ND	20	ND	5	ND	ND	16
15443	.1	1.48	193	ND	5	ND	1.40	.1	495	44	681	28.57	.04	.50	213	71	.54	1957	.74	29	ND	ND	15	ND	12	ND	ND	8
15444	.1	4.20	577	ND	26	ND	3.34	.1	187	130	248	16.49	.05	1.47	156	34	.36	546	1.80	33	ND	ND	20	ND	34	ND	ND	150
HM#1	.1	2.16	22	ND	133	ND	.35	.1	17	19	56	4.83	.04	1.39	1011	2	.11	26	.08	13	ND	ND	8	ND	22	ND	ND	73
HM#2	.1	2.65	16	ND	105	5	.29	.1	15	11	50	4.84	.03	1.64	694	2	.13	17	.07	15	ND	ND	6	ND	21	ND	ND	89
HM#3	.1	2.60	10	ND	111	7	.29	.1	13	15	50	4.77	.02	1.61	681	1	.12	19	.07	9	ND	ND	6	ND	19	ND	ND	84
HM#4	.1	.94	7	ND	185	4	.25	.1	8	7	22	3.28	.08	.29	862	2	.05	6	.08	16	ND	ND	6	ND	27	ND	ND	60
HM#5	.1	2.15	18	ND	216	8	.41	.1	14	33	68	3.84	.06	1.63	833	3	.11	74	.10	20	ND	ND	6	ND	27	ND	ND	130
HM#20	.1	1.42	21	ND	120	11	.25	.1	9	16	33	3.35	.07	.93	825	2	.08	32	.07	27	ND	ND	8	ND	16	ND	ND	103
HM#23	.1	1.71	28	ND	81	13	.39	.1	10	37	37	3.26	.05	1.65	661	2	.09	77	.09	20	ND	ND	6	ND	19	ND	ND	84
HM#24	.1	1.59	58	ND	155	8	1.25	.1	10	8	48	4.00	.04	1.20	625	1	.11	13	.08	19	ND	ND	6	ND	28	ND	ND	88
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
HM025	.1	2.39	36	ND	156	7	.29	.1	14	7	65	4.93	.03	1.80	701	1	.15	8	.08	11	ND	ND	9	ND	11	ND	ND	85
HM026	.1	2.70	48	ND	226	7	.41	.1	18	18	100	5.33	.03	2.30	669	1	.17	18	.09	13	ND	ND	8	ND	38	ND	ND	104
HM027	.1	2.41	93	ND	170	4	.46	.1	14	23	79	4.65	.03	1.94	571	1	.14	23	.09	15	ND	ND	6	ND	43	ND	ND	92
SI021	.1	1.35	34	ND	121	ND	.30	.1	9	15	36	3.36	.06	.92	894	1	.09	33	.08	21	ND	ND	8	ND	17	ND	ND	104
SI022	.1	1.74	25	ND	125	5	.70	.1	11	34	53	3.62	.05	1.57	758	1	.12	79	.10	20	ND	ND	6	ND	29	ND	ND	107
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871217 GA JOB NUMBER: 871217 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
G - L0 0+25S	5
G - L0 0+50S	nd
G - L0 0+75S	20
G - L0 1+00S	15
G - L0 1+25S	10
G - L0 1+50S	20
G - L0 1+75S	15
G - L0 2+25S	5
G - L0 2+50S	5
G - L0 2+75S	5
G - L0 3+00S	5
G - L0 3+25S	15
G - L0 3+50S	10
G - L0 4+75S	15
G - L0 5+00S	25
G - L1W 0+25S	10
G - L1W 0+50S	nd
G - L1W 0+75S	nd
G - L1W 1+00S	15
G - L1W 1+25S	5
G - L1W 1+50S	15
G - L1W 1+75S	5
G - L1W 2+00S	15
G - L1W 2+25S	5
G - L1W 2+50S	nd
G - L1W 2+75S	5
G - L1W 3+00S	15
G - L1W 3+25S	10
G - L1W 3+50S	10
G - L1W 3+75S	10
G - L1W 4+00S	10
G - L1W 4+25S	20
G - L1W 4+50S	10
G - L1W 4+75S	15
G - L2W 0+25S	10
G - L2W 0+50S	10
G - L2W 0+75S	10
G - L2W 1+00S	10
G - L2W 1+25S	nd
DETECTION LIMIT	5

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

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

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

REPORT NUMBER: 871217 GA JOB NUMBER: 871217 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
G - L2W 1+50S	25
G - L2W 1+75S	nd
G - L2W 2+00S	5
G - L2W 2+25S	5
G - L2W 2+50S	nd
G - L2W 2+75S	10
G - L2W 3+00S	10
G - L2W 3+25S	5
G - L2W 3+50S	nd
G - L2W 3+75S	nd
G - L2W 4+00S	10
G - L2W 4+25S	nd
G - L2W 4+50S	nd
G - L2W 4+75S	15
G - L2W 5+00S	20

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

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,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:

REPORT#: 871217PA
JOB#: 871217
INVOICE#: 871217NA

DATE RECEIVED: 87/8/28
DATE COMPLETED: 87/10/02
COPY SENT TO:

ANALYST D. Kwan

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
G-L0-0+25S	1.2	5.36	11	ND	12	ND	.04	.1	2	9	12	5.56	.09	.06	593	2	.08	1	.04	26	ND	ND	ND	4	1	ND	ND	89
G-L0-0+50S	.8	6.90	9	ND	10	ND	.03	.1	3	9	21	5.72	.11	.06	1509	3	.09	2	.06	29	ND	ND	ND	6	ND	ND	ND	101
G-L0-0+75S	.1	7.38	6	ND	22	ND	.03	.1	1	11	14	4.32	.07	.04	343	ND	.06	1	.10	19	ND	ND	ND	3	1	ND	ND	56
G-L0-1+00S	.3	5.12	3	ND	37	ND	.03	.1	2	9	17	5.59	.08	.06	523	1	.08	3	.06	22	ND	ND	3	5	2	ND	ND	63
G-L0-1+25S	.1	4.23	14	ND	10	ND	.02	.1	3	12	19	8.86	.10	.05	182	4	.13	2	.05	25	ND	ND	7	10	2	ND	ND	34
G-L0-1+50S	.1	6.11	9	ND	16	ND	.03	.1	4	9	25	5.96	.10	.09	1549	4	.10	2	.08	30	ND	ND	ND	6	1	ND	ND	112
G-L0-1+75S	.9	5.35	12	ND	42	ND	.05	.1	2	7	12	4.77	.11	.09	517	1	.07	5	.06	23	ND	ND	ND	3	4	3	ND	146
G-L0-2+25S	.1	3.56	8	ND	30	ND	.11	.1	7	9	25	4.24	.09	.37	1400	1	.08	8	.09	18	ND	ND	ND	ND	5	ND	ND	116
G-L0-2+50S	.4	2.93	11	ND	46	ND	.09	.1	6	9	31	4.43	.10	.36	706	ND	.07	9	.08	20	ND	ND	ND	1	4	3	ND	129
G-L0-2+75S	1.3	5.22	8	ND	19	ND	.04	.1	2	8	20	5.61	.10	.07	539	3	.08	2	.07	29	ND	ND	ND	4	1	ND	ND	109
G-L0-3+00S	.7	5.45	12	ND	31	ND	.05	.1	2	9	14	5.69	.15	.09	391	ND	.04	3	.09	24	ND	ND	3	2	2	3	ND	92
G-L0-3+25S	.4	5.36	5	ND	22	ND	.04	.1	2	8	14	5.17	.10	.06	467	2	.06	1	.09	26	ND	ND	ND	1	1	ND	ND	92
G-L0-3+50S	.1	3.12	8	ND	115	ND	.12	.1	10	9	23	5.15	.10	.42	4542	ND	.11	9	.29	18	ND	ND	ND	ND	7	6	ND	129
G-L0-4+75S	.1	2.32	7	ND	76	ND	.09	.1	9	9	42	4.01	.08	.52	742	ND	.07	8	.07	11	ND	ND	4	ND	5	ND	ND	77
G-L0-5+00S	.1	4.39	ND	ND	113	ND	.16	.1	8	11	38	4.79	.10	.24	1597	ND	.09	9	.12	17	ND	ND	ND	ND	10	ND	ND	119
G-L1W-0+25S	.1	5.92	5	ND	13	ND	.03	.1	2	12	15	7.26	.10	.07	909	2	.11	5	.07	31	ND	ND	ND	ND	1	ND	ND	74
G-L1W-0+50S	1.3	8.76	ND	ND	25	ND	.03	.1	2	9	12	4.58	.10	.05	763	ND	.06	2	.07	22	ND	ND	ND	ND	1	4	ND	104
G-L1W-0+75S	.5	4.72	6	ND	14	ND	.04	.1	4	10	22	5.53	.10	.13	449	2	.08	4	.08	25	ND	ND	ND	1	2	ND	ND	87
G-L1W-1+00S	.4	3.68	8	ND	81	ND	.11	.1	8	23	38	5.02	.11	.70	1200	1	.09	9	.05	22	ND	ND	ND	ND	8	ND	ND	158
G-L1W-1+25S	.4	5.26	5	ND	13	ND	.05	.1	2	12	15	5.38	.07	.18	348	1	.08	5	.07	23	ND	ND	ND	ND	2	ND	ND	74
G-L1W-1+50S	.8	5.12	6	ND	34	ND	.04	.1	3	8	16	4.78	.11	.09	906	2	.06	6	.07	28	ND	ND	ND	ND	2	4	ND	104
G-L1W-1+75S	2.1	6.11	8	ND	8	ND	.03	.1	2	11	18	6.89	.13	.07	351	3	.09	3	.05	31	ND	ND	3	ND	1	ND	ND	77
G-L1W-2+00S	.5	3.78	12	ND	13	ND	.03	.1	4	12	16	7.80	.12	.08	1115	7	.11	7	.05	28	ND	ND	6	1	2	ND	ND	63
G-L1W-2+25S	1.9	6.94	ND	ND	20	ND	.04	.1	2	7	12	5.06	.12	.06	644	ND	.06	3	.04	26	ND	ND	ND	ND	1	3	ND	114
G-L1W-2+50S	.1	2.59	5	ND	51	ND	.10	.1	8	10	41	3.88	.08	.51	613	ND	.07	9	.09	17	ND	ND	ND	ND	6	ND	3	94
G-L1W-2+75S	.5	1.40	ND	ND	19	ND	.03	.1	3	6	10	2.33	.05	.08	92	1	.02	2	.07	13	ND	ND	ND	ND	4	ND	3	16
G-L1W-3+00S	.7	6.34	ND	ND	20	ND	.03	.1	2	7	18	4.74	.09	.06	710	ND	.06	ND	.09	22	ND	ND	ND	ND	1	ND	ND	91
G-L1W-3+25S	.1	2.09	5	ND	54	ND	.13	.1	10	9	41	3.80	.06	.62	1403	ND	.08	11	.09	13	ND	ND	ND	ND	6	ND	ND	74
G-L1W-3+50S	.6	5.10	6	ND	17	ND	.04	.1	4	9	13	4.64	.07	.19	529	ND	.07	6	.06	22	ND	ND	ND	ND	1	ND	ND	69
G-L1W-3+75S	.1	3.23	9	ND	11	ND	.02	.1	2	9	15	6.98	.09	.12	213	2	.11	3	.08	21	ND	ND	4	ND	2	ND	ND	45
G-L1W-4+00S	1.1	6.75	ND	ND	8	ND	.03	.1	2	13	21	6.41	.09	.06	544	1	.10	2	.06	27	ND	ND	ND	ND	1	ND	ND	74
G-L1W-4+25S	.1	4.72	11	ND	51	ND	.03	.1	2	9	13	7.09	.08	.12	236	ND	.12	1	.04	23	ND	ND	3	ND	4	ND	ND	57
G-L1W-4+50S	.5	3.15	4	ND	19	ND	.02	.1	2	7	14	2.53	.05	.08	142	ND	.02	5	.12	19	ND	ND	ND	ND	3	ND	ND	26
G-L1W-4+75S	.3	2.50	12	ND	14	ND	.04	.1	2	7	13	5.21	.08	.08	338	3	.07	3	.05	21	ND	ND	6	5	2	ND	ND	66
G-L2W-0+25S	.3	3.33	13	ND	21	ND	.06	.1	5	9	24	4.39	.07	.34	452	1	.08	6	.06	20	ND	ND	3	1	3	ND	ND	69
G-L2W-0+50S	.1	2.98	6	ND	20	ND	.06	.1	5	10	25	4.10	.06	.34	243	ND	.07	5	.06	18	ND	ND	ND	2	4	ND	ND	56
G-L2W-0+75S	.4	4.80	10	ND	9	ND	.02	.1	2	10	15	6.01	.09	.08	262	2	.09	4	.05	25	ND	ND	ND	2	1	ND	ND	56
G-L2W-1+00S	.2	2.46	12	ND	22	ND	.05	.1	5	10	18	3.27	.05	.26	348	1	.05	7	.06	15	ND	ND	ND	ND	4	ND	3	29
G-L2W-1+25S	.1	2.55	14	ND	52	ND	.10	.1	13	12	56	4.12	.07	.80	1148	ND	.09	15	.08	15	ND	ND	ND	ND	6	ND	ND	91
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#: 871217 PROJECT: REPORT: 871217PA DATE: 87/10/02

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
GL2W-1+50S	.1	2.69	14	ND	9	ND	.03	.1	2	9	8	3.39	.04	.11	115	3	.04	4	.07	8	ND	ND	3	ND	2	ND	ND	26
GL2W-1+75S	.1	2.09	14	ND	18	ND	.06	.1	3	8	16	5.53	.06	.17	172	3	.09	2	.05	5	ND	ND	3	ND	5	ND	ND	23
GL2W-2+00S	.5	3.94	17	ND	45	ND	.05	.1	3	8	18	4.55	.10	.20	328	3	.06	4	.05	18	ND	ND	3	ND	2	ND	ND	113
GL2W-2+25S	.3	4.67	22	ND	66	ND	.09	.1	7	9	34	4.64	.11	.41	1135	2	.08	7	.08	16	ND	ND	ND	ND	3	ND	ND	97
GL2W-2+50S	.3	3.85	19	ND	34	ND	.05	.1	3	9	14	4.21	.07	.14	501	3	.06	4	.07	18	ND	ND	ND	ND	3	ND	ND	78
GL2W-2+75S	.4	3.97	21	ND	45	3	.06	.1	6	9	23	4.71	.09	.35	615	2	.09	6	.06	15	ND	ND	ND	ND	4	ND	ND	121
GL2W-3+00S	1.6	3.88	17	ND	83	ND	.04	.1	3	5	9	4.97	.17	.09	1663	5	.09	2	.03	18	ND	ND	ND	ND	2	ND	ND	203
GL2W-3+25S	.1	2.54	10	ND	21	ND	.02	.1	2	8	7	4.19	.05	.07	151	3	.07	3	.07	3	ND	ND	ND	ND	3	ND	ND	30
GL2W-3+50S	.5	6.87	30	ND	9	ND	.02	.1	2	11	14	6.12	.07	.05	660	2	.11	2	.07	18	ND	ND	ND	2	1	ND	ND	60
GL2W-3+75S	.1	3.08	11	ND	14	ND	.02	.1	1	7	8	4.84	.05	.04	164	2	.08	ND	.07	11	ND	ND	ND	1	1	ND	ND	35
GL2W-4+00S	1.9	4.24	21	ND	37	ND	.04	.1	3	6	9	4.08	.11	.07	850	4	.06	ND	.03	23	ND	ND	3	1	1	9	ND	140
GL2W-4+25S	.9	2.22	12	ND	26	3	.05	.1	3	7	14	2.61	.07	.21	178	2	.03	5	.06	9	ND	ND	ND	ND	3	ND	ND	53
GL2W-4+50S	1.0	4.26	25	ND	15	ND	.02	.1	2	9	8	5.81	.09	.08	360	4	.09	2	.05	20	ND	ND	6	ND	1	5	ND	44
GL2W-4+75S	1.3	3.29	22	ND	6	ND	.02	.1	4	9	12	7.03	.10	.04	203	5	.11	3	.05	35	ND	ND	7	5	1	ND	ND	30
GL2W-5+00S	1.7	1.98	34	ND	12	3	.02	.1	5	11	17	10.62	.12	.08	320	9	.20	4	.05	34	ND	ND	15	10	2	ND	ND	44
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871231 GA JOB NUMBER: 871231 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
1404	5
1405	nd
1406	nd
1407	695
1408	nd
1409	nd
15445	13330
15446	1420
15447	1460
15450	130
16001	60
16002	1330
16026	2430
16027	nd
16028	nd
16029	nd
16030	nd
16031	nd
16032	nd
16033	nd
16034	nd
16035	nd
16036	180
16037	nd
16038	5
16039	120
16040	520
16041	280
16042	12410
16043	330
16044	25
16045	760
16046	110
16047	61500
HM 6	75
HM 7	5
HM 8	10
HM 9	5
HM 10	10
DETECTION LIMIT	5

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

VANGEOCHEM LAB LIMITED

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

SAMPLE #	Au ppb
HM 11	nd
HM 12	nd

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

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871231 AA JOB NUMBER: 871231 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au oz/st
15445	.384
16026	.087
16042	.356
16047	1.858

DETECTION LIMIT .005

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

signed: _____

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION:
PROJECT: CSG

REPORT#: 871231PA
JOB#: 871231
INVOICE#: 871231NA

DATE RECEIVED: 87/08/31
DATE COMPLETED: 87/10/14
COPY SENT TO:

ANALYST W. Reems

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
1404	1.0	.18	ND	ND	1079	4	.05	.8	2	13	17	.41	.08	.03	130	1	.01	2	.01	18	ND	ND	5	ND	233	10	ND	12
1405	.1	.89	15	ND	51	ND	9.15	.1	16	17	70	3.92	.02	1.26	1830	3	.01	1	.09	ND	ND	ND	ND	ND	409	ND	ND	31
1406	7.0	2.23	103	ND	126	ND	2.00	5.0	17	7	8430	3.94	.08	1.61	549	2	.01	27	.20	16	ND	ND	ND	ND	93	ND	ND	502
1407	3.1	.15	21	ND	28	ND	.09	.1	5	108	10182	1.84	.07	.05	155	7	.01	5	.01	22	ND	ND	10	1	124	9	ND	32
1408	1.1	.06	7	ND	127	ND	1.70	.1	5	15	1767	1.78	.07	.20	846	ND	.01	8	.01	11	ND	ND	4	ND	264	ND	ND	20
1409	14.0	.85	4	ND	180	ND	2.33	.3	20	16	1118	3.88	.06	1.28	703	1	.01	37	.03	4	ND	ND	46	ND	70	ND	ND	111
Newpat — 15445-	>100	.48	10	6	46	ND	5.81	2.3	39	48	>10%	10.75	.01	.10	735	16	.03	86	.01	48	ND	ND	ND	5	5	ND	ND	233
15446	32.3	.74	33	ND	46	ND	8.56	1.0	14	55	63850	8.72	.01	.10	772	9	.01	18	.02	59	ND	ND	ND	ND	10	ND	ND	92
15447	22.5	.55	24	ND	18	ND	11.03	1.1	36	37	39029	7.35	.01	.08	1010	3	.01	30	.01	46	ND	ND	ND	ND	42	ND	ND	145
15450	5.1	1.05	16	ND	13	ND	.26	.2	21	24	40428	6.85	.05	.41	158	4	.01	16	.03	16	ND	ND	7	ND	155	ND	ND	64
16001	.1	1.06	7	ND	27	ND	.15	.1	15	58	825	12.63	.04	.73	213	5	.01	11	.05	15	ND	ND	7	ND	7	ND	ND	20
16002	31.6	1.06	291	3	50	ND	7.00	6.2	174	18	24471	19.71	.04	.28	683	4	.02	159	.01	12	ND	ND	3	ND	8	ND	ND	1377
16026	2.8	.63	21	3	43	ND	.96	.1	21	35	3635	35.02	.08	.57	473	147	.02	16	.07	12	ND	ND	19	ND	11	ND	ND	55
16027	28.5	.16	26704	5	3	ND	1.42	62.5	26	5	892	36.06	.03	1.04	38648	4	.15	ND	.01	4991	ND	ND	211	ND	18	ND	ND	12399
16028	1.4	1.13	561	ND	5	ND	5.66	.1	67	29	1409	23.91	.06	.54	2818	80	.01	4	.02	118	ND	ND	10	ND	196	ND	ND	314
16029	1.3	.19	63	ND	235	ND	.17	.2	4	16	187	1.59	.09	.02	552	2	.01	4	.01	25	ND	ND	7	ND	10	7	5	61
16030	.5	.11	12	ND	71	ND	7.61	.1	7	47	7762	6.64	.01	.71	1778	2	.01	14	.01	ND	ND	ND	ND	ND	325	ND	ND	69
16031	4.3	.60	187	ND	10	ND	3.31	.1	11	16	50510	8.19	.04	.32	1309	4	.01	28	.03	77	ND	ND	5	ND	144	ND	ND	207
16032	.1	.25	63	ND	30	ND	3.55	.1	5	15	1356	5.13	.05	.60	1222	1	.01	12	.01	11	ND	ND	ND	ND	118	ND	ND	33
16033	.9	.16	94	ND	4	ND	.33	.1	11	18	326	8.38	.07	.10	167	3	.01	18	.01	31	ND	ND	13	ND	7	3	ND	17
16034	.4	.16	25	ND	41	ND	3.22	.1	14	100	118	3.04	.07	.43	595	12	.01	24	.20	19	ND	ND	ND	ND	39	ND	ND	18
16035	1.1	.08	28	ND	78	ND	2.53	.1	7	80	2666	1.93	.07	.07	536	5	.01	17	.05	9	ND	ND	19	ND	18	3	ND	35
16036	16.8	.59	1141	ND	3	ND	.75	11.0	43	9	1237	36.01	.04	.66	4360	1	.04	16	.01	1268	ND	ND	29	ND	9	ND	ND	1997
16037	>100	.21	94	ND	61	ND	22.81	44.1	25	3	4238	1.64	.01	.11	8274	7	.03	3	.02	14859	ND	ND	79	ND	236	ND	ND	3224
16038	>100	.33	16	3	35	ND	20.95	224.4	5	21	4838	1.51	.01	.17	9402	5	.19	ND	.02	7086	ND	ND	37	ND	185	ND	ND	17497
16039	78.7	.26	2383	4	6	19	2.04	355.7	21	50	1632	21.34	.05	.49	6158	7	.41	5	.01	1375	ND	ND	40	ND	30	ND	ND	38368
16040	.1	1.96	114	ND	6	ND	1.12	.1	56	7	610	30.63	.05	.40	853	1	.02	20	.02	68	ND	ND	19	ND	11	ND	ND	733
16041	.1	2.73	81	ND	8	ND	.22	.1	44	12	623	29.31	.04	.52	553	3	.01	24	.03	51	ND	ND	18	ND	3	ND	ND	130
16042	.1	.20	14316	9	8	ND	5.50	.1	46	28	58	20.21	.07	.20	2110	1	.01	2	.01	34	ND	ND	127	ND	156	ND	ND	58
16043	43.8	.21	10086	3	3	ND	.99	149.3	43	6	958	37.17	.03	.80	11887	4	.18	1	.01	6915	ND	ND	100	ND	18	ND	ND	14649
16044	.1	2.33	225	ND	46	ND	3.14	1.7	21	19	2400	5.51	.04	1.98	1313	6	.01	12	.16	125	ND	ND	ND	ND	51	ND	ND	409
16045	.6	.62	844	ND	8	ND	.77	.7	79	13	411	16.44	.04	.41	229	1	.01	15	.04	112	ND	ND	19	ND	15	ND	ND	593
16046	.1	.55	196	ND	3	ND	4.59	.1	176	5	214	17.90	.03	1.03	680	193	.01	3	.02	53	ND	ND	7	ND	143	ND	ND	87
16047	6.0	1.24	514	39	3	125	.26	.1	61	36	3893	15.41	.04	.57	1157	14	.01	6	.02	48	ND	ND	12	ND	7	ND	ND	100
HM 6	1.0	1.07	42	ND	109	5	.15	.1	7	16	59	3.17	.11	.33	1030	3	.01	8	.06	41	ND	ND	7	ND	14	8	ND	132
HM 7	.5	1.73	22	ND	61	ND	.14	.1	10	24	37	4.00	.09	.70	912	3	.01	7	.05	24	ND	ND	7	ND	7	7	ND	101
HM 8	.1	1.31	12	ND	396	ND	2.18	.1	11	10	63	4.01	.06	1.13	821	ND	.01	12	.06	12	ND	ND	ND	ND	48	ND	ND	70
HM 9	.4	1.61	28	ND	191	5	.32	.1	11	13	37	3.83	.07	.95	712	2	.01	12	.06	22	ND	ND	4	1	17	ND	ND	123
HM 10	.1	2.13	7	ND	406	ND	2.72	.1	10	16	39	4.06	.04	1.48	745	1	.01	11	.09	6	ND	ND	ND	ND	74	ND	ND	63
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 JOB#: 871231 PROJECT: CSG REPORT: 871231PA DATE: 87/10/14

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
MM 11	.1	1.74	25	ND	388	ND	1.75	.1	11	17	104	4.26	.05	1.35	705	1	.11	9	.09	8	ND	ND	ND	ND	57	ND	ND	62
MM 12	.1	1.66	39	3	175	ND	.26	.1	12	18	62	4.16	.06	1.06	777	3	.09	14	.10	19	ND	ND	5	ND	22	ND	ND	87
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871256 GA JOB NUMBER: 871256 **PAMICON DEVELOPMENT LTD.**

SAMPLE #	Au ppb
CSG S1-01	20
CSG S1-02	10
CSG S1-03	10
CSG S1-04	nd
CSG S1-05	5
CSG S1-06	15
CSG S1-07	10
CSG S1-08	10
CSG S1-09	15
CSG S1-10	nd
CSG S1-11	nd
CSG S1-12	10
CSG S1-13	10
CSG S1-14	10
CSG S1-15	5
CSG S1-16	nd
CSG S1-17	15
CSG S1-18	10
CSG S1-19	5
CSG S1-20	nd
CSG S1-21	nd
CSG S1-22	nd
CSG S1-23	nd
CSG S1-24	5
CSG S1-25	10
CSG S1-26	15
CSG S1-27	10
G L5W 0+00N	5
G L5W 0+50N	nd
G L5W 0+75N	nd
G L5W 1+00N	5
G L5W 1+50N	5

Grid

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

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,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: CSG

REPORT#: 871256PA
JOB#: 871256
INVOICE#: 871256NA

DATE RECEIVED: 87/09/03
DATE COMPLETED: 87/09/30
COPY SENT TO:

ANALYST W. Memos

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
CSG-S1-01	.1	1.49	16	ND	406	4	.46	.1	14	8	40	5.22	.10	.34	2371	5	.09	15	.12	17	ND	ND	ND	ND	75	ND	ND	102
CSG-S1-02	.1	2.44	28	ND	536	3	.62	.1	16	11	51	5.72	.12	.65	4126	6	.11	22	.14	20	ND	ND	4	ND	100	4	ND	158
CSG-S1-03	.1	2.77	22	ND	271	3	.37	.1	17	14	57	5.34	.11	.78	3581	5	.10	26	.13	25	ND	ND	4	ND	23	3	ND	145
CSG-S1-04	.1	4.19	24	ND	125	6	.27	.1	8	10	23	4.70	.13	.31	1934	9	.09	10	.08	33	ND	ND	10	3	16	5	ND	193
CSG-S1-05	.1	3.58	29	ND	118	5	.19	.1	11	10	37	4.78	.12	.40	2646	8	.10	11	.07	30	ND	ND	8	3	12	7	ND	187
CSG-S1-06	.1	2.63	38	ND	291	7	.56	.1	31	34	146	6.11	.09	1.87	1886	6	.16	119	.17	34	ND	ND	ND	ND	39	ND	ND	220
CSG-S1-07	.1	2.75	46	ND	317	4	.32	.1	17	22	50	5.78	.11	.87	2578	6	.11	59	.12	24	ND	ND	6	1	24	ND	ND	167
CSG-S1-08	.1	2.62	14	ND	376	6	.36	.1	10	10	31	4.38	.10	.40	2065	6	.07	11	.11	24	ND	ND	4	3	27	ND	ND	121
CSG-S1-09	.8	1.18	62	ND	219	4	.21	1.6	12	8	26	5.18	.11	.28	3071	5	.19	22	.13	101	ND	ND	ND	ND	37	3	ND	449
CSG-S1-10	.1	1.22	29	ND	154	5	.16	.1	9	6	21	4.44	.12	.20	2833	4	.09	13	.10	42	ND	ND	ND	ND	16	10	ND	162
CSG-S1-11	.1	1.76	29	ND	214	4	.25	.1	12	8	34	5.09	.11	.44	2877	5	.08	7	.13	30	ND	ND	ND	ND	24	5	ND	111
CSG-S1-12	.1	2.31	23	ND	128	6	.18	.1	14	12	57	5.05	.09	.68	2112	4	.09	14	.10	25	ND	ND	4	1	11	4	3	114
CSG-S1-13	.1	1.80	50	ND	128	3	.46	.1	21	15	102	5.21	.09	.82	2125	5	.13	47	.13	44	ND	ND	ND	ND	23	ND	ND	201
CSG-S1-14	.1	1.00	13	ND	189	5	2.77	.1	12	7	87	4.35	.07	1.23	1004	1	.10	20	.08	7	ND	ND	ND	ND	57	ND	ND	67
CSG-S1-15	.1	1.36	23	ND	120	7	.34	.1	11	10	42	4.35	.06	.90	906	3	.11	14	.08	17	ND	ND	ND	ND	20	ND	ND	133
CSG-S1-16	.1	1.44	41	ND	154	5	.31	.1	15	10	59	4.78	.07	.84	1060	3	.12	18	.09	20	ND	ND	ND	ND	16	ND	3	169
CSG-S1-17	.1	1.23	14	ND	198	8	.48	.1	13	8	35	4.02	.06	.88	926	2	.09	12	.08	14	ND	ND	ND	ND	15	ND	ND	79
CSG-S1-18	.1	1.53	6	ND	387	4	2.90	.1	12	11	50	3.86	.07	1.18	825	3	.09	17	.12	8	ND	ND	ND	ND	66	ND	ND	70
CSG-S1-19	.1	1.49	6	ND	272	4	2.36	.1	12	9	61	4.33	.07	1.18	811	2	.10	12	.11	7	ND	ND	ND	ND	58	ND	ND	57
CSG-S1-20	.1	1.36	11	ND	257	ND	1.82	.1	12	9	54	4.16	.07	1.15	803	2	.09	15	.10	10	ND	ND	ND	ND	50	ND	ND	56
CSG-S1-21	.1	1.49	15	ND	296	7	.96	.1	14	12	58	4.43	.06	1.21	839	2	.09	32	.10	9	ND	ND	ND	ND	31	ND	ND	62
CSG-S1-22	.1	1.68	31	ND	214	6	.23	.1	17	23	53	5.06	.07	.96	1406	4	.10	34	.08	14	ND	ND	ND	ND	18	ND	ND	77
CSG-S1-23	.1	1.68	69	ND	241	5	.27	.1	17	17	82	5.56	.09	.88	1503	5	.11	22	.13	21	ND	ND	ND	ND	24	ND	ND	98
CSG-S1-24	.1	1.87	90	ND	284	4	.20	.1	18	15	79	5.66	.09	.90	1515	5	.11	24	.10	23	ND	ND	ND	ND	17	ND	ND	105
CSG-S1-25	.1	2.63	158	ND	320	7	.16	.1	17	15	81	5.83	.10	1.00	1679	6	.12	23	.09	30	ND	ND	6	1	15	ND	ND	149
CSG-S1-26	.1	2.59	102	ND	230	8	.27	.1	17	14	114	5.25	.09	1.15	1680	5	.10	13	.10	21	ND	ND	3	1	30	ND	ND	101
CSG-S1-27	.1	2.30	55	ND	255	6	.36	.1	18	15	83	5.33	.08	1.15	1548	5	.11	13	.13	17	ND	ND	ND	1	27	ND	ND	82
G-L5W-0+00N	1.3	7.58	35	5	69	5	.04	.1	3	10	10	5.03	.13	.11	990	16	.07	3	.06	35	ND	ND	22	5	2	7	ND	121
G-L5W-0+50N	1.2	5.50	30	3	48	8	.07	.1	3	8	10	4.70	.12	.13	1005	14	.07	2	.05	30	ND	ND	13	6	3	6	ND	148
G-L5W-0+75N	.8	3.85	37	ND	150	7	.35	3.2	10	14	55	6.07	.18	.40	3578	6	.25	18	.10	161	ND	ND	11	4	9	7	ND	726
G-L5W-1+00N	1.1	4.61	21	4	32	6	.06	.1	5	11	15	4.49	.11	.21	530	11	.07	8	.06	35	ND	ND	12	5	4	3	ND	131
G-L5W-1+50N	.1	2.92	13	ND	243	4	.10	.1	10	10	17	5.57	.11	.42	1710	5	.09	6	.09	20	ND	ND	4	1	6	4	ND	87
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871260 GA JOB NUMBER: 871260 PAMICON DEVELOPMENT LTD.

	SAMPLE #	Au ppb
CSG	16003	65

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 MN,FE,CA,P,CR,MG,BA,PB,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: PAMICON
ATTENTION:
PROJECT: [redacted] HECT

REPORT#: 871260PA
JOB#: 871260
INVOICE#: 871260NA

DATE RECEIVED: 87/09/04
DATE COMPLETED: 87/11/10
COPY SENT TO:

ANALYST C.A. Peters

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	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
16003	2.4	.81	28	ND	378	10	.11	5	23	2461	2.24	.04	.36	345	1	.17	7	.02	51	ND	ND	ND	ND	11	ND	ND	101
DETECTION LIMIT	.1	.01	3	3	1	3	.01	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871283 GA JOB NUMBER: 871283 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
SL4E 0+25N	60
SL4E 0+50N	115
SL4E 0+75N	115
SL4E 1+00N	4530
SL4E 1+25N	310
SL4E 1+50N	5
SL4E 1+75N	nd
SL4E 2+00N	15
SL4E 2+25N	nd
SL4E 2+50N	nd
SL4E 2+75N	5
SL4E 3+00N	10
SL4E 3+25N	5
SL4E 3+50N	10
SL4E 3+75N	nd
SL4E 4+00N	10
SL4E 4+25N	10
SL4E 4+50N	5
SL4E 4+75N	nd
SL4E 5+00N	nd
SL4E 0+25S	170
SL4E 0+50S	125
SL4E 1+00S	125
SL4E 1+25S	80
SL5E 0+25N	5
SL5E 0+50N	35
SL5E 1+00N	185
SL5E 1+25N	60
SL5E 1+50N	35
SL5E 1+75N	65
SL5E 2+00N	140
SL5E 2+25N	20
SL5E 2+75N	40
SL5E 3+00N	50
SL5E 3+25N	2500
SL5E 3+50N	60
SL5E 3+75N	75
SL5E 4+00N	20
SL5E 4+25N	10
DETECTION LIMIT	5

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

VANGEOCHEM LAB LIMITED

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

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

SAMPLE #	Au ppb
SL5E 4+50N	nd
SL5E 4+75N	10
SL5E 5+00N	15
SL5E 0+25S	15
SL5E 0+50S	15
SL5E 0+75S	10
SL5E 1+00S	45

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

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

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,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 LTD.
ATTENTION:
PROJECT: IVA 1 CSG.

REPORT#: 871283PA
JOB#: 871283
INVOICE#: 871283NA

DATE RECEIVED: 87/09/12
DATE COMPLETED: 87/10/02
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
SL4E 0+25N	.6	1.94	26	ND	33	ND	.04	.1	4	8	37	6.59	.08	.16	792	6	.11	3	.11	20	ND	ND	5	6	6	ND	ND	55
SL4E 0+50N	1.5	1.57	45	ND	24	ND	.04	.1	4	9	85	9.98	.10	.11	344	9	.17	7	.09	19	ND	ND	8	5	5	ND	ND	34
SL4E 0+75N	.1	3.28	24	ND	20	ND	.03	.1	2	11	33	5.35	.05	.12	206	3	.08	4	.10	15	ND	ND	ND	5	3	ND	ND	20
SL4E 1+00N	5.4	5.13	101	ND	10	4	.03	.1	3	14	427	8.10	.10	.17	467	9	.13	5	.11	20	ND	ND	3	3	1	ND	ND	62
SL4E 1+25N	.1	2.00	49	ND	33	ND	.07	.1	4	8	50	10.67	.11	.17	1791	4	.18	11	.12	13	ND	ND	7	ND	2	ND	ND	32
SL4E 1+50N	.8	3.23	27	ND	9	ND	.03	.1	3	12	24	8.15	.11	.09	374	6	.12	5	.04	30	ND	ND	8	11	3	ND	ND	62
SL4E 1+75N	.8	4.09	22	ND	7	ND	.03	.1	3	12	19	6.01	.08	.06	551	7	.08	5	.07	25	ND	ND	5	9	1	ND	ND	62
SL4E 2+00N	.1	4.81	23	ND	6	ND	.03	.1	2	10	19	5.45	.07	.06	666	6	.08	ND	.07	24	ND	ND	3	7	1	ND	ND	53
SL4E 2+25N	.1	2.35	25	ND	44	ND	.09	.1	12	9	34	9.81	.10	.16	4186	3	.18	5	.27	15	ND	ND	7	ND	4	ND	ND	89
SL4E 2+50N	.1	1.66	10	ND	33	ND	.13	.1	8	7	13	4.50	.06	.21	902	4	.07	4	.09	15	ND	ND	ND	7	7	ND	ND	39
SL4E 2+75N	.1	1.57	55	ND	78	ND	.31	.1	16	9	35	24.67	.26	.26	10671	4	.46	14	.17	25	ND	ND	22	ND	5	ND	ND	186
SL4E 3+00N	.1	2.50	46	ND	30	ND	.04	.1	13	12	27	18.79	.20	.32	4542	4	.33	8	.11	21	ND	ND	14	ND	2	ND	ND	78
SL4E 3+25N	.1	3.67	17	ND	26	ND	.06	.1	11	11	35	5.06	.06	.18	820	4	.08	2	.07	16	ND	ND	ND	5	5	ND	ND	52
SL4E 3+50N	.1	4.62	21	ND	14	ND	.03	.1	3	11	24	4.63	.06	.11	457	4	.07	2	.08	20	ND	ND	ND	7	2	ND	ND	52
SL4E 3+75N	.1	3.53	21	ND	12	ND	.03	.1	5	10	26	5.31	.09	.16	1008	5	.08	2	.09	26	ND	ND	ND	8	3	4	ND	84
SL4E 4+00N	.1	5.68	26	ND	10	ND	.03	.1	3	12	22	5.78	.10	.10	956	6	.09	2	.08	25	ND	ND	ND	6	1	5	ND	79
SL4E 4+25N	.1	5.39	24	ND	23	ND	.03	.1	2	12	27	5.23	.07	.10	853	3	.08	ND	.10	20	ND	ND	ND	6	2	ND	ND	63
SL4E 4+50N	.1	3.84	22	ND	7	ND	.03	.1	4	14	15	7.89	.11	.09	1512	7	.11	1	.06	20	ND	ND	6	9	2	ND	ND	49
SL4E 4+75N	.2	5.92	27	ND	9	ND	.03	.1	2	10	18	5.32	.08	.06	487	5	.07	ND	.07	27	ND	ND	ND	8	1	ND	ND	51
SL4E 5+00N	.1	4.26	14	ND	19	ND	.04	.1	6	11	44	3.22	.05	.25	289	2	.05	1	.08	15	ND	ND	ND	5	3	ND	ND	62
SL4E 0+25S	.1	2.44	50	ND	18	ND	.31	.1	10	18	207	15.92	.18	.22	1198	8	.27	16	.18	27	ND	ND	13	5	2	ND	ND	48
SL4E 0+50S	.1	4.00	40	ND	64	ND	.11	.1	50	13	332	9.39	.12	.85	3097	12	.17	32	.09	13	ND	ND	4	ND	5	ND	ND	65
SL4E 1+00S	.1	2.35	37	ND	179	ND	1.15	.1	19	11	205	6.98	.11	.82	2408	3	.14	16	.11	14	ND	ND	ND	ND	39	ND	ND	94
SL4E 1+25S	.1	1.97	25	ND	143	ND	.35	.1	22	11	186	6.00	.08	1.04	2061	2	.12	17	.10	9	ND	ND	4	ND	14	ND	ND	76
SL5E 0+25N	.2	4.44	20	ND	32	ND	.04	.1	8	10	23	5.01	.10	.20	1207	4	.08	3	.09	22	ND	ND	ND	3	2	6	ND	101
SL5E 0+50N	.1	3.30	28	ND	99	ND	.10	.1	12	12	81	4.36	.10	.54	1801	1	.09	13	.11	14	ND	ND	ND	2	7	4	ND	141
SL5E 1+00N	.3	2.88	58	ND	43	ND	.05	.1	16	12	208	7.49	.09	.45	2630	5	.14	10	.22	19	ND	ND	5	ND	5	ND	ND	76
SL5E 1+25N	.1	2.66	35	ND	105	ND	.34	.1	24	12	105	6.51	.09	.50	2875	10	.12	10	.13	11	ND	ND	4	ND	17	ND	ND	62
SL5E 1+50N	.1	3.07	28	ND	56	ND	.11	.1	15	12	65	6.41	.06	.48	2337	3	.12	7	.15	12	ND	ND	3	ND	6	ND	ND	58
SL5E 1+75N	.9	3.43	173	ND	37	ND	.04	.1	15	11	100	6.25	.08	.41	2249	7	.13	6	.12	26	ND	ND	4	2	3	ND	ND	120
SL5E 2+00N	.2	2.53	124	ND	148	ND	.22	.1	22	9	122	6.31	.08	.52	3006	6	.13	8	.18	24	ND	ND	4	ND	13	ND	ND	118
SL5E 2+25N	.1	2.35	48	ND	457	ND	.27	.1	26	10	214	9.84	.11	.63	4573	3	.19	10	.31	12	ND	ND	7	ND	11	ND	ND	69
SL5E 2+75N	1.7	2.07	86	ND	18	5	.03	.1	5	9	26	4.18	.07	.18	399	5	.06	4	.04	35	ND	ND	4	9	4	3	ND	41
SL5E 3+00N	.1	3.06	260	ND	23	ND	.03	.1	15	13	46	6.97	.11	.22	2573	6	.13	5	.07	49	ND	ND	7	8	3	4	ND	100
SL5E 3+25N	21.6	1.99	8696	ND	31	14	.05	.1	17	12	447	14.03	.15	.17	4212	6	.55	6	.12	2072	ND	ND	238	3	3	ND	ND	1053
SL5E 3+50N	.8	3.48	141	ND	20	ND	.04	.1	5	12	51	5.25	.10	.34	410	3	.09	7	.08	41	ND	ND	6	6	3	ND	ND	101
SL5E 3+75N	2.2	5.07	120	ND	15	ND	.02	.1	4	11	63	5.37	.09	.11	697	4	.08	4	.08	26	ND	ND	ND	6	1	ND	ND	98
SL5E 4+00N	.1	4.04	37	ND	25	3	.04	.1	4	18	60	4.06	.04	.48	131	1	.07	3	.07	15	ND	ND	ND	3	3	ND	ND	29
SL5E 4+25N	.4	3.39	31	ND	15	ND	.03	.1	5	13	42	5.90	.11	.20	878	4	.09	4	.06	22	ND	ND	3	6	2	3	ND	91
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871315 GA JOB NUMBER: 871315 PANICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
15386	115
15387	nd
15388	10
15448	10
15449	545
16276	1440
16277	3360

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

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
SLSE 4+50N	.3	4.69	19	ND	34	ND	.06	.1	12	11	35	4.85	.12	.38	1784	3	.08	11	.06	19	ND	ND	ND	2	4	3	ND	118
SLSE 4+75N	.1	3.02	19	ND	38	3	.05	.1	10	32	101	5.49	.07	.36	757	2	.09	14	.09	16	ND	ND	5	3	6	ND	ND	57
SLSE 5+00N	.2	3.05	15	ND	11	ND	.03	.1	4	9	16	3.83	.07	.15	215	3	.05	6	.08	24	ND	ND	3	6	3	3	ND	59
SLSE 0+25S	.5	2.04	21	ND	9	ND	.03	.1	4	10	15	8.30	.11	.07	212	6	.12	2	.04	26	ND	ND	12	12	2	ND	ND	51
SLSE 0+50S	.3	1.50	6	ND	37	ND	.03	.1	4	7	8	2.97	.04	.14	88	ND	.03	4	.10	14	ND	ND	4	5	3	ND	3	24
SLSE 0+75S	.1	2.18	11	ND	196	ND	.10	.1	6	8	14	3.78	.06	.50	340	ND	.07	5	.06	6	ND	ND	4	1	13	ND	ND	42
SLSE 1+00S	.1	1.96	5	ND	1134	ND	.51	.1	20	8	51	4.13	.11	.56	2822	1	.06	10	.11	9	ND	ND	ND	1	41	ND	ND	61
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871315 AA JOB NUMBER: 871315 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au oz/st
16277	.114

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION:
PROJECT: CSG

REPORT#: 871315PA
JOB#: 871315
INVOICE#: 871315NA

DATE RECEIVED: 87/09/11
DATE COMPLETED: 87/09/21
COPY SENT TO:

ANALYST W. Pamicon

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
15386	22.5	.98	24	ND	129	ND	.19	.1	20	26	7453	3.60	.02	.76	482	7	.11	13	.01	6	ND	ND	ND	ND	14	ND	46	77
15387	.5	.10	13	ND	157	4	.06	.1	5	31	986	1.25	.01	.02	349	22	.02	5	.01	9	ND	ND	4	ND	4	ND	17	21
15388	.5	.37	17	ND	71	ND	.01	.1	63	18	2483	3.12	.01	.27	306	31	.08	15	.01	8	ND	ND	5	ND	2	ND	37	30
15448	.1	2.40	170	3	75	ND	1.46	.1	21	185	123	8.84	.12	1.18	97	14	.18	93	.83	7	ND	ND	ND	ND	24	ND	ND	16
15449	7.6	.12	238	ND	376	3	.61	.7	8	12	2383	1.27	.03	.03	454	57	.06	13	.03	25	ND	ND	98	ND	497	ND	5	106
15276	.:	.98	49	14	558	ND	6.03	.1	13	43	3045	33.88	.25	1.01	1271	81	.74	44	.14	9	ND	ND	13	ND	64	ND	ND	63
15277	4.3	1.25	67	16	245	ND	4.48	.1	106	23	8247	36.03	.26	1.10	1393	285	.80	92	.11	8	ND	ND	8	ND	39	ND	ND	81
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871479 GA JOB NUMBER: 871479 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
16278	750
16279	575
16280	300
16281	nd
16282	385
16283	115
16284	10210
16285	435

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

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 871479 AA JOB NUMBER: 871479 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au oz/st	Au oz/st
16284	.298	.303
DETECTION LIMIT	.005	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION:
PROJECT: CSG

REPORT#: 880220PA
JOB#: 880220
INVOICE#: 880220NA

DATE RECEIVED: 88/02/16
DATE COMPLETED: 88/02/18
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
16278	.1	2.90	20	ND	20	10	.82	.1	47	6	476	28.80	.20	.50	769	1	.01	89	.01	63	ND	ND	4	ND	10	ND	ND	86
16279	.1	3.09	ND	ND	26	ND	2.21	.1	39	25	362	23.44	.19	.61	725	1	.01	76	.01	36	ND	ND	ND	ND	21	ND	ND	23
16280	.1	1.54	19	ND	18	ND	4.75	.1	27	2	164	18.87	.19	.46	1166	ND	.01	92	.01	55	ND	ND	3	ND	53	ND	ND	22
16281	.1	2.49	5	ND	37	ND	7.51	.2	76	18	689	9.40	.11	2.22	910	ND	.01	45	.13	10	ND	ND	ND	ND	80	ND	ND	37
16282	.1	3.33	ND	ND	20	4	5.65	.1	17	5	128	16.13	.17	.54	1040	ND	.01	51	.02	18	ND	ND	ND	ND	52	ND	ND	29
16283	.1	2.74	ND	ND	25	ND	8.32	.1	11	17	64	15.77	.17	.60	1563	ND	.01	50	.01	24	ND	ND	ND	ND	70	ND	ND	20
16284	.1	.53	12427	8	24	ND	8.55	.1	98	27	179	19.09	.19	.28	1701	1	.01	57	.01	53	ND	ND	75	ND	140	ND	ND	16
16285	.2	1.12	184	ND	20	ND	3.92	.1	89	1	1069	9.63	.12	.85	601	14	.01	35	.12	27	ND	ND	ND	ND	104	ND	ND	17
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: 871490 GA JOB NUMBER: 871490 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
16004	2810

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

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 871490 AA JOB NUMBER: 871490 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au oz/st	Au oz/st
16004	.082	.067
DETECTION LIMIT	.005	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION:
PROJECT: CSG-S+

REPORT#: 871490PA
JOB#: 871490
INVOICE#: 871490NA

DATE RECEIVED: 87/10/08
DATE COMPLETED: 87/10/13
COPY SENT TO:

ANALYST A. Stewart

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
16004	3.7	.51	28	3	35	ND	.83	.1	176	15	13670	41.68	.05	.37	542	29	.93	65	.14	29	ND	ND	23	ND	9	ND	ND	114
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 #: 880164 DA PAMICON DEV. INC. CSG

Sample Number	Job Num	Au ppb	Au oz/st	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
1370	871143	280	--	3452	14	35	--	58
1371	871143	90	--	101	18	1	0.1	21
1372	871143	30	--	45	16	14	0.1	9
1373	871143	25060	0.789	1326	52	21	0.1	115
1394	871143	<5	--	16	9	25	19.9	5
1395	871143	10	--	2	1	98	0.1	<2
1396	871143	2980	0.092	36	18	31	0.1	12
1397	871143	13300	0.392	914	789	10	12.8	18
1398	871143	20	--	81	24	8	46.6	20
1399	871143	<5	--	14	14	10	0.6	6
1400	871143	35	--	13	14	7	0.2	5
1401	871143	<5	--	515	10	28	0.2	<2
1402	871143	10	--	576	1	22	0.1	8
1403	871143	10	--	933	<2	25	0.1	6
1404	871231	5	--	17	18	12	1.0	<2
1405	871231	<5	--	70	<2	31	0.1	15
1406	871231	<5	--	8430	16	502	7.0	103
1407	871231	695	--	10182	22	32	3.1	21
1408	871231	<5	--	1767	11	20	1.1	7
1409	871231	<5	--	1118	4	111	14.0	4
15376	871143	<5	--	26	10	5	0.1	4
15377	871143	<5	--	26	7	4	0.1	5
15378	871143	<5	--	35	15	7	0.1	17
15379	871143	10	--	80	26	5	0.1	16
15380	871143	75	--	7	2	16	0.1	<2
15381	871143	10	--	30	11	3	0.1	9
15382	871143	<5	--	26	12	4	0.1	6
15383	871143	<5	--	49	10	7	0.1	12
15384	871143	25	--	205	16	7	0.4	13
15385	871143	5	--	171	13	4	0.1	8
15386	871315	115	--	7453	6	77	22.5	24
15387	871315	<5	--	986	9	21	0.5	13
15388	871315	10	--	2483	8	30	0.5	17
15389	871212	10	--	16	21	27	0.3	<2
15390	871212	<5	--	10	22	47	0.2	21
15391	871212	<5	--	6	14	38	0.2	10
15392	871212	<5	--	5	14	15	0.3	19
15393	871212	<5	--	4	27	11	0.7	28
15394	871212	<5	--	1	9	66	0.1	<2
Minimum Detection	1	5	0.005	1	2	1	0.1	2
Maximum Detection	99999	10000	99.999	10000	10000	10000	9999.0	10000

< = Less than Minimum is = Insufficient Sample ns = No sample

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

REPORT #: 880164 DA PAMICON DEV. INC. CSG

Sample Number	Job Num	Au ppb	Au oz/st	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
15395	871212	<5	--	47	16	18	0.5	15
15396	871212	105	--	2975	14	38	9.0	67
15397	871212	<5	--	40	14	44	0.1	<2
15398	871212	23000	0.688	1275	297	292	16.9	7942
15399	871212	75	--	1219	19813	34819	42.5	10452
15400	871212	120	--	30	314	695	0.5	232
15426	871212	<5	--	8	146	205	4.1	103
15427	871212	<5	--	1	37	30	2.2	64
15428	871212	<5	--	4	173	370	1.2	58
15429	871212	<5	--	2	271	172	2.0	67
15430	871212	<5	--	7	20	55	0.1	3
15431	871212	5	--	75	13	54	0.1	<2
15432	871212	5	--	2	12	21	0.1	<2
15433	871212	<5	--	234	13	22	0.2	<2
15434	871212	<5	--	315	14	9	2.0	3
15435	871212	<5	--	1196	16	14	0.5	7
15436	871212	<5	--	291	14	19	0.3	<2
15437	871212	50	--	15	16	12	0.4	22
15438	871212	<5	--	941	13	14	0.5	<2
15439	871212	3000	0.086	722	32	20	0.1	103
15440	871212	290	--	1566	38	20	0.1	136
15441	871212	75	--	524	35	35	0.1	78
15442	871212	1950	--	878	34	16	5.9	64
15443	871212	200	--	681	29	8	0.1	193
15444	871212	125	--	248	33	150	0.1	577
15445	871231	13330	0.384	100000	48	233	100.0	10
15446	871231	1420	--	63850	59	92	32.3	33
15447	871231	1460	--	39029	46	145	22.5	24
15448	871315	10	--	123	7	16	0.1	170
15449	871315	545	--	2383	25	106	7.6	238
15450	871231	130	--	40428	16	64	5.1	16
16001	871231	60	--	825	15	20	0.1	7
16002	871231	1330	--	24471	12	1377	31.6	291
16004	871490	2810	0.082	13670	29	114	3.7	28
16026	871231	2430	0.087	3635	12	55	2.8	21
16027	871231	<5	--	892	4991	12399	28.5	26704
16028	871231	<5	--	1409	118	314	1.4	561
16029	871231	<5	--	187	25	61	1.3	63
16030	871231	<5	--	7762	<2	69	0.5	12
Minimum Detection	1	5	0.005	1	2	1	0.1	2
Maximum Detection	99999	10000	99.999	10000	10000	10000	9999.0	10000

< = Less than Minimum is = Insufficient Sample ns = No sample

VANGEOCHEM LAB LIMITED

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NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

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

REPORT #: 880164 DA | PAMICON DEV. INC. | CSG |

Sample Number	Job Num	Au ppb	Au oz/st	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
16031	871231	<5	--	50510	77	207	4.3	187
16032	871231	<5	--	1356	11	33	0.1	63
16033	871231	<5	--	326	31	17	0.9	94
16034	871231	<5	--	118	19	18	0.4	25
16035	871231	<5	--	2666	9	35	1.1	28
16036	871231	180	--	1237	1268	1997	16.8	1141
16037	871231	<5	--	4238	14859	3224	100.0	94
16038	871231	5	--	4838	7086	17497	100.0	16
16039	871231	120	--	1632	1375	38368	78.7	2383
16040	871231	520	--	610	68	733	0.1	114
16041	871231	280	--	623	51	130	0.1	81
16042	871231	12410	0.356	58	34	58	0.1	14316
16043	871231	330	--	958	6915	14649	43.8	10086
16044	871231	25	--	2400	125	409	0.1	225
16045	871231	760	--	411	112	593	0.6	844
16046	871231	110	--	214	53	87	0.1	196
16047	871231	61500	1.858	3893	48	100	6.0	514
16276	871315	1440	--	3045	9	63	0.1	49
16277	871315	3360	0.114	8247	8	81	4.3	67
16278	871479	750	--	--	--	--	--	--
16279	871479	575	--	--	--	--	--	--
16280	871479	300	--	--	--	--	--	--
16281	871479	<5	--	--	--	--	--	--
16282	871479	385	--	--	--	--	--	--
16283	871479	115	--	--	--	--	--	--
16284	871479	10210	0.298	--	--	--	--	--
16285	871479	435	--	--	--	--	--	--
17776	871561	4380	0.130	7003	1048	463	13.1	195
17777	871561	100	--	698	68	38	3.0	13
17778	871561	45	--	317	19	19	1.8	4
CSG Si-01	871256	20	--	40	17	102	0.1	16
CSG Si-02	871256	10	--	51	20	158	0.1	28
CSG Si-03	871256	10	--	57	25	145	0.1	22
CSG Si-04	871256	<5	--	23	33	193	0.1	24
CSG Si-05	871256	5	--	37	30	187	0.1	29
CSG Si-06	871256	15	--	146	34	220	0.1	38
CSG Si-07	871256	10	--	50	24	167	0.1	46
CSG Si-08	871256	10	--	31	24	121	0.1	14
CSG Si-09	871256	15	--	26	101	449	0.1	62
Minimum Detection	1	5	0.005	1	2	1	0.1	2
Maximum Detection	99999	10000	99.999	10000	10000	10000	9999.0	10000

< = Less than Minimum is = Insufficient Sample ns = No sample

VANGEOCHEM LAB LIMITED

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

REPORT #: 880164 DA PAMICON DEV. INC. CSG

Sample Number	Job Num	Au ppb	Au oz/st	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
CSG Si-10	871256	<5	--	21	42	162	0.8	29
CSG Si-11	871256	<5	--	34	30	111	0.1	29
CSG Si-12	871256	10	--	57	25	114	0.1	23
CSG Si-13	871256	10	--	102	44	201	0.1	50
CSG Si-14	871256	10	--	87	7	67	0.1	13
CSG Si-15	871256	5	--	42	17	133	0.1	23
CSG Si-16	871256	<5	--	59	20	169	0.1	41
CSG Si-17	871256	15	--	35	14	79	0.1	14
CSG Si-18	871256	10	--	50	8	70	0.1	6
CSG Si-19	871256	5	--	61	7	57	0.1	6
CSG Si-20	871256	<5	--	54	10	56	0.1	11
CSG Si-21	871256	<5	--	58	9	62	0.1	15
CSG Si-22	871256	<5	--	53	14	77	0.1	31
CSG Si-23	871256	<5	--	82	21	98	0.1	69
CSG Si-24	871256	5	--	79	23	105	0.1	90
CSG Si-25	871256	10	--	81	30	149	0.1	158
CSG Si-26	871256	15	--	114	21	101	0.1	102
CSG Si-27	871256	10	--	83	17	82	0.1	55
HM 1	871212	<5	--	56	13	73	0.1	22
HM 2	871212	5	--	50	15	89	0.1	16
HM 3	871212	<5	--	50	9	84	0.1	10
HM 4	871212	<5	--	22	16	60	0.1	7
HM 5	871212	<5	--	68	20	130	0.1	18
HM 6	871231	75	--	59	41	132	1.0	42
HM 7	871231	5	--	37	24	101	0.5	22
HM 8	871231	10	--	63	12	70	0.1	12
HM 9	871231	5	--	37	22	123	0.4	28
HM 10	871231	10	--	39	6	63	0.1	7
HM 11	871231	<5	--	104	8	62	0.1	25
HM 12	871231	<5	--	62	19	87	0.1	39
HM 20	871212	<5	--	33	27	103	0.1	21
HM 23	871212	<5	--	37	20	84	0.1	28
HM 24	871212	<5	--	48	19	88	0.1	58
HM 25	871212	10	--	65	11	85	0.1	36
HM 26	871212	95	--	100	13	104	0.1	48
HM 27	871212	40	--	79	15	92	0.1	93
Si 21	871212	<5	--	36	21	104	0.1	34
Si 22	871212	10	--	53	20	107	0.1	25
GLO 3+00N	871150	20	--	11	15	39	0.1	13
Minimum Detection	1	5	0.005	1	2	1	0.1	2
Maximum Detection	99999	10000	99.999	10000	10000	10000	9999.0	10000

< = Less than Minimum is = Insufficient Sample ns = No sample

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

Sample Number	Job Num	Au ppb	Au oz/st	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
GLO 2+75N	871150	15	--	8	1	101	1.3	<2
GLO 2+50N	871150	15	--	9	20	83	1.6	<2
GLO 2+25N	871150	10	--	10	8	29	0.1	8
GLO 2+00N	871150	15	--	24	1	77	0.1	6
GLO 1+75N	871150	30	--	7	<2	31	0.1	5
GLO 1+50N	871150	20	--	21	<2	120	0.1	10
GLO 1+25N	871150	10	--	25	2	91	0.1	10
GLO 1+00N	871150	20	--	8	9	118	1.5	8
GLO 0+75N	871150	10	--	10	7	148	2.0	8
GLO 0+50N	871150	10	--	5	12	25	0.2	10
GLO 0+25N	871150	20	--	15	<2	56	0.2	<2
G BL 0+00W	871150	20	--	52	16	99	0.3	11
G BL 0+25W	871150	15	--	16	17	97	0.9	11
G BL 0+50W	871150	15	--	13	9	126	1.0	3
G BL 0+75W	871150	25	--	10	4	102	2.2	3
G BL 1+00W	871150	15	--	10	12	141	1.3	10
G BL 1+25W	871150	15	--	8	8	100	0.7	11
G BL 1+75W	871150	25	--	6	7	110	1.5	6
G BL 2+00W	871150	15	--	6	21	84	1.8	9
G BL 2+25W	871150	15	--	13	19	69	0.5	7
G BL 2+50W	871150	10	--	16	11	98	0.1	7
G BL 2+75W	871150	20	--	16	9	133	0.7	7
G BL 3+00W	871150	15	--	16	14	103	0.7	8
G BL 3+50W	871150	10	--	10	12	61	0.2	5
G BL 3+75W	871150	<5	--	23	8	129	0.1	8
GL1W 2+25N	871150	20	--	28	2	100	0.1	8
GL1W 1+75N	871150	10	--	42	6	111	0.1	6
GL1W 1+50N	871150	10	--	13	17	47	0.2	7
GL1W 1+00N	871150	10	--	18	18	137	0.7	6
GL1W 0+75N	871150	10	--	36	<2	88	0.1	8
GL1W 0+50N	871150	15	--	14	15	121	0.6	<2
GL1W 0+25N	871150	10	--	13	14	136	0.2	9
GL2W 1+50N	871150	5	--	17	7	75	0.2	5
GL2W 1+25N	871150	<5	--	10	<2	88	1.3	<2
GL2W 1+00N	871150	15	--	9	30	33	0.1	8
GL2W 0+75N	871150	15	--	8	23	68	1.1	5
GL2W 0+50N	871150	10	--	8	6	156	1.6	3
GL2W 0+25N	871150	5	--	10	16	38	0.4	4
GL5W 1+50N	871256	5	--	17	20	87	0.1	13
Minimum Detection	1	5	0.005	1	2	1	0.1	2
Maximum Detection	99999	10000	99.999	10000	10000	10000	9999.0	10000

< = Less than Minimum is = Insufficient Sample ns = No sample

VANGEOCHEM LAB LIMITED

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

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

REPORT #: 880164 DA | PAMICON DEV. INC. | CSG |

Sample Number	Job Num	Au ppb	Au oz/st	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
GL5W 1+00N	871256	5	--	15	35	131	1.1	21
GL5W 0+75N	871256	<5	--	55	161	726	0.8	37
GL5W 0+50N	871256	<5	--	10	30	148	1.2	30
GL5W 0+00N	871256	5	--	10	35	121	1.3	35
SL5E 5+00N	871283	15	--	16	24	59	0.2	15
SL5E 4+75N	871283	10	--	101	16	57	0.1	19
SL5E 4+50N	871283	<5	--	35	19	118	0.3	19
SL5E 4+25N	871283	10	--	42	22	91	0.4	31
SL5E 4+00N	871283	20	--	60	15	29	0.1	37
SL5E 3+75N	871283	75	--	63	26	98	2.2	120
SL5E 3+50N	871283	60	--	51	41	101	0.8	141
SL5E 3+25N	871283	2500	--	447	2072	1053	21.6	8696
SL5E 3+00N	871283	50	--	46	49	100	0.1	260
SL5E 2+75N	871283	40	--	26	35	41	1.7	86
SL5E 2+25N	871283	20	--	214	12	69	0.1	48
SL5E 2+00N	871283	140	--	122	24	118	0.2	124
SL5E 1+75N	871283	65	--	100	26	120	0.9	173
SL5E 1+50N	871283	35	--	65	12	58	0.1	28
SL5E 1+25N	871283	60	--	105	11	62	0.1	35
SL5E 1+00N	871283	185	--	208	19	76	0.3	58
SL5E 0+50N	871283	35	--	81	14	141	0.1	28
SL5E 0+25N	871283	5	--	23	22	101	0.2	20
SL5E 0+25S	871283	15	--	15	26	51	0.5	21
SL5E 0+50S	871283	15	--	8	14	24	0.3	6
SL5E 0+75S	871283	10	--	14	6	42	0.1	11
SL5E 1+00S	871283	45	--	51	9	61	0.1	5
SL4E 5+00N	871283	<5	--	44	15	62	0.1	14
SL4E 4+75N	871283	<5	--	18	27	51	0.2	27
SL4E 4+50N	871283	5	--	15	20	49	0.1	22
SL4E 4+25N	871283	10	--	27	20	63	0.1	24
SL4E 4+00N	871283	10	--	22	25	79	0.1	26
SL4E 3+75N	871283	<5	--	26	26	84	0.1	21
SL4E 3+50N	871283	10	--	24	20	52	0.1	21
SL4E 3+25N	871283	5	--	35	16	52	0.1	17
SL4E 3+00N	871283	10	--	27	21	78	0.1	46
SL4E 2+75N	871283	5	--	35	25	186	0.1	55
SL4E 2+50N	871283	<5	--	13	15	39	0.1	10
SL4E 2+25N	871283	<5	--	34	15	89	0.1	25
SL4E 2+00N	871283	15	--	19	24	53	0.1	23
Minimum Detection	1	5	0.005	1	2	1	0.1	2
Maximum Detection	99999	10000	99.999	10000	10000	10000	9999.0	10000

< = Less than Minimum is = Insufficient Sample ns = No sample

VANGEOCHEM LAB LIMITED

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

Sample Number	Job Num	Au ppb	Au oz/st	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
SL4E 1+75N	871283	<5	--	19	25	62	0.8	22
SL4E 1+50N	871283	5	--	24	30	62	0.8	27
SL4E 1+25N	871283	310	--	50	13	32	0.1	49
SL4E 1+00N	871283	4530	--	427	20	62	5.4	101
SL4E 0+75N	871283	115	--	33	15	20	0.1	24
SL4E 0+50N	871283	115	--	85	19	34	1.5	45
SL4E 0+25N	871283	60	--	37	20	55	0.6	26
SL4E 0+25S	871283	170	--	207	27	48	0.1	50
SL4E 0+50S	871283	125	--	332	13	65	0.1	40
SL4E 1+00S	871283	125	--	205	14	94	0.1	37
SL4E 1+25S	871283	80	--	186	9	76	0.1	25
SL3E 3+75N	871150	20	--	75	16	89	0.1	12
SL3E 3+50N	871150	5	--	22	22	132	0.1	35
SL3E 3+25N	871150	25	--	38	10	44	0.1	<2
SL3E 3+00N	871150	20	--	10	31	44	0.1	<2
SL3E 2+75N	871150	15	--	14	37	71	0.5	6
SL3E 2+50N	871150	5	--	17	20	61	0.1	13
SL3E 2+25N	871150	15	--	14	36	54	0.1	12
SL3E 2+00N	871150	20	--	32	16	65	0.1	11
SL3E 1+75N	871150	30	--	16	36	54	0.1	7
SL3E 1+50N	871150	5	--	14	40	43	0.1	12
SL3E 1+25N	871150	20	--	26	27	44	0.1	24
SL3E 0+75N	871150	340	--	229	24	38	0.1	288
SL3E 0+50N	871150	25	--	38	19	57	0.1	15
SL3E 0+25N	871150	65	--	92	18	89	0.1	77
SL3E 0+25S	871150	115	--	61	12	110	0.1	18
SL3E 0+75S	871150	130	--	784	14	52	0.1	18
SL3E 1+25S	871150	100	--	204	10	57	0.1	21
SL2E 3+25N	871150	15	--	16	21	35	0.1	15
SL2E 3+00N	871150	10	--	25	14	62	0.1	10
SL2E 2+75N	871150	25	--	37	5	59	0.1	27
SL2E 2+50N	871150	30	--	19	13	38	0.1	10
SL2E 2+25N	871150	10	--	13	33	36	0.6	11
SL2E 2+00N	871150	35	--	15	9	24	0.3	12
SL2E 1+75N	871150	40	--	18	3	18	0.1	11
SL2E 1+50N	871150	25	--	28	14	79	0.1	16
SL2E 1+25N	871150	45	--	43	24	50	0.1	65
SL2E 1+00N	871150	35	--	26	17	55	0.1	22
SL2E 0+75N	871150	40	--	39	9	66	0.1	19
Minimum Detection	1	5	0.005	1	2	1	0.1	2
Maximum Detection	99999	10000	99.999	10000	10000	10000	9999.0	10000

< = Less than Minimum is = Insufficient Sample ns = No sample

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

REPORT #: 880164 DA PAMICON DEV. INC. CSG

Sample Number	Job Num	Au ppb	Au oz/st	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
SL2E 0+50N	871150	115	--	85	19	58	0.3	406
SL2E 0+25N	871150	30	--	40	14	57	0.1	46
SL2E 0+25S	871150	150	--	165	10	34	0.1	38
SL2E 0+75S	871150	450	--	909	24	33	0.1	128
SL2E 1+00S	871150	275	--	609	18	57	0.1	42
SL2E 1+25S	871150	750	--	656	20	54	0.1	82
SL2E 1+50S	871150	85	--	184	17	67	0.1	68
SL1E 0+25S	871150	25	--	72	6	77	0.1	15
SL1E 0+75S	871150	20	--	54	6	63	0.1	10
SL1E 1+25S	871150	15	--	58	1	71	0.1	15
SL1E 1+50S	871150	20	--	54	5	66	0.1	12
S BL 0+25E	871150	25	--	58	7	77	0.1	16
S BL 0+50E	871150	20	--	62	7	90	0.1	13
S BL 0+75E	871150	10	--	42	8	69	0.1	18
S BL 1+00E	871150	25	--	80	12	87	0.1	18
S BL 1+25E	871150	20	--	62	5	84	0.1	18
S BL 1+50E	871150	30	--	61	13	107	0.1	21
S BL 1+75E	871150	20	--	45	<2	46	0.2	8
S BL 2+00E	871150	35	--	56	10	80	0.1	15
S BL 2+25E	871150	80	--	58	22	88	1.2	63
S BL 2+50E	871150	45	--	75	15	60	0.4	15
S BL 2+75E	871150	30	--	54	13	53	0.1	26
S BL 3+00E	871150	70	--	77	10	91	0.1	91
S BL 3+25E	871150	40	--	53	5	66	0.1	29
S BL 3+50E	871150	70	--	22	33	47	0.2	26
S BL 3+75E	871150	50	--	28	26	33	0.3	18
S BL 4+00E	871150	50	--	120	14	30	0.1	55
S BL 4+25E	871150	30	--	65	11	54	0.1	14
S BL 4+50E	871150	35	--	26	13	99	0.1	12
S BL 4+75E	871150	40	--	106	5	106	0.1	14
S BL 5+00E	871150	10	--	5	9	23	0.1	8
Minimum Detection	1	5	0.005	1	2	1	0.1	2
Maximum Detection	99999	10000	99.999	10000	10000	10000	9999.0	10000

< = Less than Minimum is = Insufficient Sample ns = No sample

APPENDIX V

ASSAY CERTIFICATES
for
STU 8 & 9 CLAIMS

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

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENT LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, B.C.
: V6B 1N4

DATE: Oct 22 1987
REPORT#: 871561 GA
JOB#: 871561

PROJECT#: CSG STU 8+9
SAMPLES ARRIVED: Oct 16 1987
REPORT COMPLETED: Oct 20 1987
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 871561 NA
TOTAL SAMPLES: 3
SAMPLE TYPE: 3 Rock chip
REJECTS: SAVED

SAMPLES FROM: Bronson ck
COPY SENT TO: Mr. Steve Todoruk

PREPARED FOR: Mr. C. Ikona

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: Fire assay for Au > 3000 ppb

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871561 GA JOB NUMBER: 871561 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
17776	4380
17777	100
17778	45

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

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

ASSAY ANALYTICAL REPORT

CLIENT: PAMICON DEVELOPMENT LTD.
ADDRESS: 711 - 675 W. Hastings St.
: Vancouver, B.C.
: V6B 1N4

DATE: Oct 22 1987
REPORT#: 871561 AA
JOB#: 871561

PROJECT#: CSG STU 8+9
SAMPLES ARRIVED: Oct 16 1987
REPORT COMPLETED: Oct 20 1987
ANALYSED FOR: Au

INVOICE#: 871561 NA
TOTAL SAMPLES: 1
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 3 Rock chip

SAMPLES FROM: Bronson ck
COPY SENT TO: Mr. Steve Todoruk

PREPARED FOR: Mr. C. Ikona

ANALYSED BY: David Chiu

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: Fire assay for Au > 3000 ppb

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871561 AA JOB NUMBER: 871561 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au oz/st
17776	.130

DETECTION LIMIT .005

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

signed: _____

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION:
PROJECT: CSG STU 8+9

REPORT#: 871561PA
JOB#: 871561
INVOICE#: 871561NA

DATE RECEIVED: 87/10/16
DATE COMPLETED: 87/10/20
COPY SENT TO:

ANALYST W. Rowe

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
17776	13.1	1.09	195	5	23	5	.80	10.2	42	95	7003	9.09	.09	.72	374	9	.55	22	.04	1048	ND	ND	8	ND	38	ND	ND	463
17777	3.0	1.36	13	ND	19	ND	2.28	.1	10	155	698	1.84	.08	.27	548	12	.04	9	.06	68	ND	ND	ND	2	910	ND	3	38
17778	1.8	.04	4	ND	6	ND	.09	.5	3	258	317	.62	.05	.01	69	19	.01	10	.01	19	ND	ND	8	ND	19	ND	7	19
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 VI

GEOCHEMICAL DATA SHEETS
for
GAB 11 & 12 CLAIMS

Geochemical Data Sheet - SOIL SAMPLING.

Sampler C.U. + J.L. Project CSG (North Grid) NTS

Date Property Air Photo No

Location Ref B/L to east

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
S BL	0+25E	6	B	LB						25					
	0+50E	10	B	LB						20					
	0+75E	10	B	B						10					
	1+00E	10	B	B						25					
	1+25E	9	B	B						20					
	1+50E	12	B	LB						30					
	1+75E	12	B	OB						20					
	2+00E	6	C	LB	rocky					35					
	2+25E	7	C	LB	rocky					80					
	2+50E	8	B	LB						45					
	2+75E	8	B	LB						30					
	3+00E	8	B	LB						70					
	3+25E	10	B	LB						40					
	3+50E	10	B	B						70					
	3+75E	8	C	B	rocky					50					
	4+00E	4	B	B						50					
	4+25E	8	B	LB						30					
	4+50E	12	B	LB						35					
	4+75E	10	B	LB						40					
S BL	5+00E	10	B	LB						10					

Geochemical Data Sheet - SOIL SAMPLING.

Sampler C.V + J.L.
Date

Project CSG (North Grid)
Property

NTS
Location Ref L 1E
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
S L1E	0+25S	6	C	B						25					
	0+50S	—	—	—	no	sample	—	—	—	—					
	0+75S	6	C	LB						20					
	1+00S	—	—	—	no	sample	—	—	—	—					
	1+25S	4	C	LB						15					
S L1E	1+50S	4	C	B						20					

Geochemical Data Sheet - SOIL SAMPLING.

Sampler C.U. + R.R.
Date
Project CSG (North Grid)
Property
NTS
Location Ref L 2E
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
S L2E	0+25N									30					
	0+50N									115					
	0+75N									40					
	1+00N									35					
	1+25N									45					
	1+50N									25					
	1+75N									40					
	2+00N									35					
	2+25N									10					
	2+50N									30					
	2+75N									25					
	3+00N									10					
	3+25N									15					

Printed in Canada

Geochemical Data Sheet - SOIL SAMPLING.

Sampler C.V + R.R. Project CSG (North Grid) NTS

Date Property Air Photo No

Location Ref L 2E

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS
				Colour	Texture	Drainage				Au (ppb)
S L2E	0+25S	C	B	LB	rocky					150
	0+50S				NO	Sample				
	0+75S	C	B	B	rocky					450
	1+00S	C	B	B	rocky					275
	1+25S	C	B	B	rocky					750
S L2E	1+50S	C	B	B	rocky					85

Geochemical Data Sheet - SOIL SAMPLING

Sampler C.U + R.R. Project CSG (North Grid) NTS

Date Property Location Ref L 3E

Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
S L3E	0+25S	4	C	B						115					
	0+50S	—	—	—	no	sample	—	—	—	—					
	0+75S	4	C	B						130					
	1+00S	—	—	—		no	sample	—	—	—					
S L3E	1+25S	4	C	B						100					

North Grid

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler RR C.V
Date Aug 22

Project CSG (North Side)
Property

NTS
Location Ref L3E
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
	0+25N	15	B	Br	Rocky Soil					65					
		20		Br	"					25					
		20		Br	"					340					
	1+00N	NO		SAMPLE					Rock Cliff	--					
		20		Br	Soil					20					
		20		Br	"					5					
		30			"					30					
	2+00N	25			Rocky Soil					20					
		25			Soil					15					
		30			Rocky					5					
		30			Soil					15					
	3+00N	25								20					
		25								25					
		25								5					
	1+75N	25								20					

Geochemical Data Sheet - SOIL SAMPLING.

Sampler C.V. + RR
Date Aug 22, 1987

Project CSC (North Grid)
Property

NTS
Location Ref L41
Air Photo No

SAMPLE NO.	LOCATION (m)	Depth (in)	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
SL 4E	0+25 S	8	B	BR						170					
	0+50 S	10	C	BR						125					
	0+75 S	———	———	no	Sand		———	———	———	—					
	1+00 S	9	C	BR						125					
SL 4E	1+25 S	12	B	BR						80					

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

North Grid

Sampler C.V. & R.R.
Date Aug 22

Project CSG (North End)
Property

NTS
Location Ref L4E
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
~~5200N~~	5+00N	20	B	Lt Br	Soil	Ok				nd					
		30		"						nd					
	+50	30		Red Br						5					
		30		"						10					
	4+00N	20		Lt Br						10					
		30		"						nd					
	+50	30		Red Br						10					
		25		"						5					
	3+00N	20		Gold Br						10					
		20		Lt Br						5					
	+50	20		Gray Br						nd					
		30		Br	Rocky Soil					nd					
	2+00N	20		Br	Soil					15					
		20		"						nd					
	+50	20		"						5					
		15		"	Rocky Soil					310					
	1+00N	20		"						4530					
		20		Gr Br						115					
	+50	15		Br	Dirt of Rock					115					
		15		"	Rocky Soil					60					

Geochemical Data Sheet - SOIL SAMPLING.

Sampler C.V + RR
Date
Project CSG (North Grid)
Property
NTS
Location Ref LSE
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
SL 5E	0+25N	10	B	B						5					
	0+50N	10	B	B						35					
	0+75N	—	—	no	sample		—								
	1+00N	6	C	BR	rocky					185					
	1+25N	6	B	B						60					
	1+50N	6	B	B						35					
	1+75N	5	B	B						65					
	2+00N	4	C	LB	rocky					140					
	2+25N	6	B	B						20					
	2+50N	—	—	—	no	sample	—								
	2+75N	6	B	LB						40					
	3+00N	4	B	LB						50					
	3+25N	2	C	B	rocky					2500					
	3+50N	4	C	B	rocky					60					
	3+75N	5	B	LB						75					
	4+00N	5	B	LB						20					
	4+25N	6	C	LB	rocky					10					
	4+50N	4	C	LB	rocky					nd					
	4+75N	5	C	LB	rocky					10					
SL 5E	5+00N	5	B	B						15					

Geochemical Data Sheet - SOIL SAMPLING.

Sampler: C.U + R.R.
Date:
Project: CSG (North Grid)
Property:
NTS:
Location Ref: L5E
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au (ppb)					
SL 5E	0+25S	8	B	BR						15					
	0+50S	10	B	LB						15					
	0+75S	10	C	BR	rocky					10					
SL 5E	1+00S	12	C	BR	rocky					45					

Printed in Canada

South Grid

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler CV & JL
Date August 23/87

Project CSG (G)
Property

NTS
Location Ref BL
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS
				Colour	Texture	Drainage				Au (ppb)
	0+00W	25	B	Red Br	Soil	Good	Mod			20
	25	10		Br	"					15
	50	10		Yel Br	"					15
	75	20		Br	"					25
	1+00W	15		"	"					15
	25	"		"	"					15
	50	"		"	"					—
	75	10		"	"					25
	2+00W	15		"	"					15
	25	"		"	"					15
	50	10		"	Talus		Steep			10
	75	"		"	Soil		Mod			20
	3+00W	"		"	"					15
	25	"		"	"					—
	50	← NO	SAMPLE →							10
	75	10	~~No~~ B	~~Sa~~ Br						nd
	4+00N	← NO	SAMPLE →							

Geochemical Data Sheet - SOIL SAMPLING.

Sampler: CV + JL
Date:
Project: CSG (G) - South Grid
Property:
NTS:
Location Ref: L 5W
Air Photo No:

SAMPLE NO.	LOCATION (m)	Depth in	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
G L5W	0+00	8	B	LB						5					
	0+50N	12	B	LB						nd					
	0+75N	12	C	B	rocky					nd					
	1+00N	10	F	LB						5					
	1+25N	No Sample								—					
	1+50N	9	B	LB						5					

Printed in Canada

South Grid

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler CV & JL
Date August 23/87

Project CSG (G)
Property

NTS
Location Ref L0+00
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
	0+25N	10	B	Br.	Sdl	Good	Mod			20					
	50N	25	AC	Grey, Br	"					10					
	75	25	B	Yel Br, Br	"					10					
	1+00N	"	B	"	"					20					
	25	"	"	"	"					10					
	50	"	"	"	"					20					
	75	15	"	Br	"					30					
	2+00N	20	BA	"	"					15					
	25	25	B	Dk. Br.	"					10					
	50	"	"	Yel Br, Br	"					15					
	75	"	"	"	"					15					
	3+00N	"	"	"	"					20					

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South Grid

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

NTS

Sampler CV & JL Project Location Ref 10+00

Date Property Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
	0+25S	25	B	Yel Br	Soil	Good	Mod			5					
	50	"	"	"						nd					
	75	"	"	"						20					
	1+00S	30	"	"						15					
	25	20	"	Br						10					
	50	25	"	Yel Br						20					
	75	"	"	Br						15					
	2+00S	←	NO	SAMPLE		SWAMP		→	SWAMP	—					
	25	25	B	Br	Soil				END of LAKE	5					
	50	"	"	"						5					
	75	"	"	"						5					
	3+00S	"	"	Yel Br						5					
	25	20	"	"					10 M W OF GULLEY	15					
	50	"	"	Br	Rocky Soil					10					
	75	←	NO	SAMPLE	→					—					
	4+00S	←	—	"	→				Gully	—					
	25	←	—	"	→				"	—					
	50	←	—	"	→				"	—					
	75	20	B	Lt Br	Soil		→		Steep Slope	15					
	5+00S	20	B	Br	"		Steep			25					

Printed in Canada

South Grid

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler CV & TL
Date August 24/87

Project CSG (G)
Property

NTS
Location Ref LIW
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
	0+25N	5	B	Yel Br, Br	Soil	Good	Mod			10					
	50	20	B	Br	"					15					
	75	25	BA	"	Gravelly Soil					10					
	1+00N	"	"	"	"					10					
	25	←	NO	SAMPLE			→			—					
	50	20	B	Red Br, Br	Soil					10					
	75	5	B	Br	Soil					10					
	2+00N	←	NO	SAMPLE			→			—					
	25N	20	B	Br	Tollers					20					

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

South Grid

Sampler CV & JL
Date Aug 24/87

Project C&G CG
Property

NTS
Location Ref LIW
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS
				Colour	Texture	Drainage				Au ppb
	0+25S	20	B	Lt. Br.	Soil	Good	Mod			10
	50	25		Yel. Br						nd
	75	20		Br						nd
	1+00S	25		"						15
	25	20		"						5
	50	15		"						15
	75	20		Lt. Br.						5
	2+00S	25		Br						15
	25	20		"						5
	50	20	BA	"	Rocky Soil					nd
	75	15	"	Grey Br	Soil					5
	3+00S	30	B	Yel Br.						15
	25	25		Br						10
	50	"		Dr						10
	75	"		DK Br.						10
	4+00S	20		Dr						10
	25	25		"						20
	50	20	BA	"						10
	75	20	B	"						15

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

South Grid

Sampler CV & JL
Date August 24

Project CSG (G)
Property

NTS
Location Ref L2W
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS
				Colour	Texture	Drainage				Au (ppb)
	0+25S	20	B	Br	Soil	Good	Mod			10
	50	"		"	"					10
	75	"		Yel Br	"					10
	1+00S	"	BA	Br	Rocky Soil					10
	25	25	B	Br	Soil					nd
	50	20		Br						25
	75	"		Yel Br						nd
	2+00S	"		"						5
	25	"		Red Brn						5
	50	"		"						nd
	75	"		Br						10
	3+00S	10		"						10
	25	25		Red Br						5
	50	15		Yel Br						nd
	75	20		"						nd
	4+00S	15		Red Br						10
	25	25		Br						nd
	50	20		"						nd
	75	25		"						15
	5+00S	25		Red Brn						20

South Grid

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler CV & JL
Date August 23/87

Project CSG(G)
Property

NTS
Location Ref L2W
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
	0+25N	20	B	Br	Soil	Good	Mod			5					
	50	25	↓	Yel Br, Br	↓	↓	↓			10					
	75	20		"						15					
	1+00N	"		Red Br, Br						15					
	25N	"		Yel Br, Br						Nil					
	50N	5		Br	Rocky Soil					5					
	~~B~~														

APPENDIX VII

AIRBORNE GEOPHYSICAL SURVEY PROCEDURE

LOGISTICS REPORT ON
COMBINED HELICOPTER BORNE
MAGNETIC, ELECTROMAGNETIC AND VLF
SURVEY
ISKUT RIVER PROPERTIES
LIARD MINING DIVISION
BRITISH COLUMBIA

FOR
PAMICON DEVELOPMENTS LIMITED
BY
AERODAT LIMITED
February 17, 1988

J87100

R.J. de Carle
Consulting Geophysicist

TABLE OF CONTENTS

1. INTRODUCTION

This report describes an airborne geophysical survey carried out on behalf of Pamicon Developments Limited by Aerodat Limited. Equipment operated included a three frequency electromagnetic system, a high sensitivity cesium vapour magnetometer, a two frequency VLF-EM system, a film tracking camera, and an altimeter. Electromagnetic, magnetic and altimeter data were recorded both in digital and analog form.

The survey area which is comprised of several blocks of ground in the Iskut River area, is located approximately 120 kilometres northwest of Stewart, British Columbia. All of the survey blocks are within what is known as the Liard Mining Division. Several flights, which were flown during the month of February, were required to complete the survey with flight lines oriented at an Azimuth of 000-180 degrees and flown with a nominal line spacing of 250 metres. Coverage and data quality were considered to be well within the specifications described in the contract.

The survey objective is the detection and location of mineralized zones which can be directly or indirectly related to precious metal exploration targets. Of importance, therefore, are poorly

mineralized conductors, displaying weak conductivity, which may represent structural features which can sometimes play an essential role in the eventual location of primary minerals.

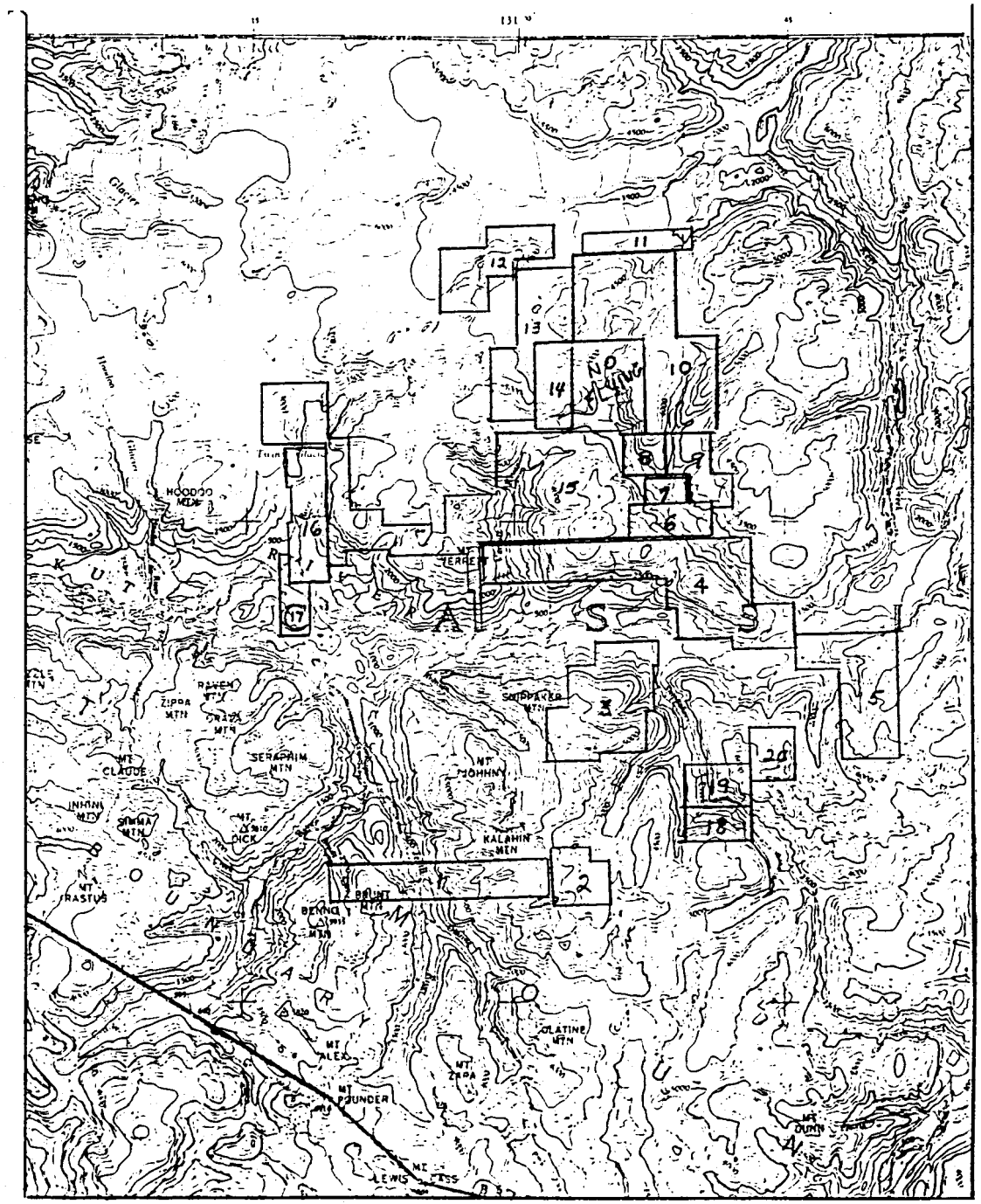
In regard to base metal targets, short, isolated or flanking conductors displaying good conductivity and having either magnetic or no magnetic correlation, are all considered to be areas of extreme interest.

A total of 1760 kilometres of the recorded data were compiled in map form and are presented as part of this report according to specifications outlined by Pamicon Developments Limited.

2. SURVEY AREA LOCATION

The survey area is depicted on the index map shown. They are centred at Latitude 56 degrees 43 minutes north, Longitude 130 degrees 57 minutes west, in the Iskut River area of northern British Columbia (NTS Reference Map No. 104B/10, 104B/11, 104B/14 and 104B/15). The survey area is located in extremely rugged country, with many mountain ranges as high as 6,000 feet above sea level. The major physiographical feature in the area, besides the mountain ranges, is the Iskut River. It is quite a wide river which traverses through the middle of the survey area in an east-west direction with its outlet to the west, flowing into the Pacific Ocean.

Because of the extreme ruggedness of the country, transportation means is by helicopter only. There are no roads into the area. Travelling to the area can be made by bush plane from either Telegraph Creek which is approximately 165 kilometres north of the survey area, or from Stewart, B.C. which is approximately 120 kilometres to the southeast of the survey area. There are three gravel airstrips in close proximity to the survey blocks, one at the base of Mount Johnny, one near Bronson Creek and the third at the head of Snippuker Creek. The writer is not aware of the conditions for any of these airstrips.


131°
NO FLYING
HOODOO MTN
MT TERRELL
ZIPPA MTN
RAVEN MTN
CRATER MTN
SERAPHIM MTN
MT CLAUDE
MT MOHNEN
SNIPPAKER MTN
KALAHIN MTN
MT RASTUS
BENNO MTN
MT ALEX
MT POUNDER
GLATINE MTN
MT ZIRA
MT DUNN
LEWIS
1
2
3
4
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11
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15
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20

3. AIRCRAFT AND EQUIPMENT

3.1 Aircraft

An Aerospatiale A-Star 350D helicopter, (C-GBBX), owned and operated by Ranger Helicopters Limited, was used for the survey. Installation of the geophysical and ancillary equipment was carried out by Aerodat. The survey aircraft was flown at a mean terrain clearance of 60 metres.

3.2 Equipment

3.2.1 Electromagnetic System

The electromagnetic system was an Aerodat 3-frequency system. Two vertical coaxial coil pairs were operated at 935 Hz and 4600 Hz and a horizontal coplanar coil pair at 4175 Hz. The transmitter-receiver separation was 7 metres. Inphase and quadrature signals were measured simultaneously for the 3 frequencies with a time constant of 0.1 seconds. The electromagnetic bird was towed 30 metres below the transmitter.

3.2.2 VLF-EM System

The VLF-EM System was a Herz Totem 2A. This instrument measures the total field and quadrature components of two selected transmitters, preferably oriented at right angles to one another. The sensor was

towed in a bird 12 metres below the helicopter. The transmitters monitored were NLK, Jim Creek, Washington, broadcasting at 24.8 kHz for the Line station and NAA, Cutler, Maine broadcasting at 24.0 kHz for the Orthogonal station.

3.2.3 Magnetometer

The magnetometer employed a Scintrex Model VIW-2321 H8 cesium, optically pumped magnetometer sensor. The sensitivity of this instrument was 0.1 nanoTeslas at a 0.2 second sampling rate. The sensor was towed in a bird 12 metres below the helicopter.

3.2.4 Magnetic Base Station

An IFG-2 proton precession magnetometer was operated at the base of operations to record diurnal variations of the earth's magnetic field. The clock of the base station was synchronized with that of the airborne system to facilitate later correlation.

3.2.5 Radar Altimeter

A King Air HRA-100 radar altimeter was used to record terrain clearance. The output from the instrument is a linear function of altitude for maximum accuracy.

3.2.6 Tracking Camera

A Panasonic video tracking camera was used to record flight path on VHS video tape. The camera was operated in continuous mode and the fiducial numbers and time marks for cross reference to the analog and digital data were encoded on the video tape.

3.2.7 Analog Recorder

An RMS dot-matrix recorder was used to display the data during the survey. In addition to manual and time fiducials, the following data were recorded:

Channel	Input	Scale
CXI1	Low Frequency Coaxial Inphase	2 ppm/mm
CXQ1	Low Frequency Coaxial Quadrature	2 ppm/mm
CXI2	High Frequency Coaxial Inphase	2 ppm/mm
CXQ2	High Frequency Coaxial Quadrature	2 ppm/mm
CPI1	Mid Frequency Coplanar Inphase	8 ppm/mm
CPQ1	Mid Frequency Coplanar Quadrature	8 ppm/mm
PWRL	Power Line	60 Hz
VLT	VLF-EM Total Field, Line	2.5%/mm

Channel	Input	Scale
VLQ	VLF-EM Quadrature, Line	2.5%/mm
VOT	VLF-EM Total Field, Ortho	2.5%/mm
VOQ	VLF-EM Quadrature, Ortho	2.5%/mm
ALT	Altimeter	10 ft./mm
MAGF	Magnetometer, Fine	2.5 nT/mm
MAGC	Magnetometer, Coarse	25 nT/mm

3.2.8 Digital Recorder

A DGR 33 data system recorded the survey on magnetic tape. Information recorded was as follows:

Equipment	Recording Interval
EM system	0.1 seconds
VLF-EM	0.4 seconds
Magnetometer	0.2 seconds
Altimeter	0.4 seconds

4. DATA PRESENTATION

4.1 Base Map

A photomosaic base at a scale of 1:20,000 was prepared from a photo lay down map, supplied by Aerodat, on a screened mylar base.

4.2 Flight Path Map

The flight path was manually recovered onto the photomosaic base using the VHS video tape. The recovered points were then digitized, transformed to a local metric grid and merged with the data base. The flight path map showing all flight lines, is presented on a Cronaflex copy of the base map, with camera frame and navigator's manual fiducials for cross reference to both the analog and digital data.

4.3 Airborne Electromagnetic Survey Interpretation Map

The electromagnetic data were recorded digitally at a sample rate of 10 per second with a time constant of 0.1 seconds. A two stage digital filtering process was carried out to reject major sferic events and to reduce system noise.

Local sferic activity can produce sharp, large amplitude events that cannot be removed by conventional filtering procedures. Smoothing or stacking will reduce their amplitude but leave a broader residual response that can be confused with geological phenomena. To avoid this possibility, a computer algorithm searches out and rejects the major sferic events.

The signal to noise ratio was further enhanced by the application of a low pass digital filter. It has zero phase shift which prevents any lag or peak displacement from occurring, and it suppresses only variations with a wavelength less than about 0.25 seconds. This low effective time constant permits maximum profile shape resolution.

Following the filtering process, a base level correction was made. The correction applied is a linear function of time that ensures the corrected amplitude of the various inphase and quadrature components is zero when no conductive or permeable source is present. The filtered and levelled data were used in the interpretation of the electromagnetics.

An interpretation map was prepared showing peak locations of anomalies and conductivity thickness ranges along with the Inphase amplitudes (computed from the 4600 Hz coaxial response) and conductor axes. The anomalous responses of the three coil configurations along with the interpreted conductor axes were plotted on a Cronaflex copy of the photo base map.

4.4 Total Field Magnetic Contours

The aeromagnetic data were corrected for diurnal variations by adjustment with the digitally recorded base station magnetic values. No correction for regional variation was applied. The corrected profile data were interpolated onto a regular grid at a 20 metre true scale interval using an Akima spline technique. The grid provided the basis for threading the presented contours at a 2 nanoTesla interval.

The contoured aeromagnetic data have been presented on a Cronaflex copy of the photomosaic base map.

4.5 Vertical Magnetic Gradient Contours

The vertical magnetic gradient was calculated from the gridded total field magnetic data. Contoured at a 0.2 nT/m interval, the gradient data were presented on a Cronaflex copy of the photomosaic base map.

4.6 Apparent Resistivity Contours

The electromagnetic information was processed to yield a map of the apparent resistivity of the ground.

The approach taken in computing apparent resistivity was to assume a model of a 200 metre thick conductive layer (i.e., effectively a half space) over a resistive bedrock. The computer then generated, from nomograms for this model, the resistivity that would be consistent with the bird elevation and recorded amplitude for the coaxial frequency pair used. The apparent resistivity profile data were interpolated onto a regular grid at a 20 metres true scale interval using an Akima spline technique.

The contoured apparent resistivity data were presented on a Cronaflex copy of the photomosaic base map with the flight path.

4.7 VLF-EM Total Field Contours

The VLF-EM signals from NLK, Jim Creek, Washington broadcasting at 24.8 kHz. for the Line Station were compiled in contour map form and presented on a Cronaflex copy of the photomosaic base map.

Robert J. de Carle

Robert J. de Carle
Consulting Geophysicist
for
AERODAT LIMITED

J87100

February 17, 1988

APPENDIX I

GENERAL INTERPRETIVE CONSIDERATIONS

Electromagnetic

The Aerodat three frequency system utilizes two different transmitter-receiver coil geometries. The traditional coaxial coil configuration is operated at two widely separated frequencies and the horizontal coplanar coil pair is operated at a frequency approximately aligned with one of the coaxial frequencies.

The electromagnetic response measured by the helicopter system is a function of the "electrical" and "geometrical" properties of the conductor. The "electrical" property of a conductor is determined largely by its electrical conductivity, magnetic susceptibility and its size and shape; the "geometrical" property of the response is largely a function of the conductor's shape and orientation with respect to the measuring transmitter and receiver.

Electrical Considerations

For a given conductive body the measure of its conductivity or conductance is closely related to the measured phase shift between the received and transmitted electromagnetic field. A small phase shift indicates a relatively high conductance, a large phase shift lower conductance. A small phase shift results

in a large inphase to quadrature ratio and a large phase shift a low ratio. This relationship is shown quantitatively for a non-magnetic vertical half-plane model on the accompanying phasor diagram. Other physical models will show the same trend but different quantitative relationships.

The phasor diagram for the vertical half-plane model, as presented, is for the coaxial coil configuration with the amplitudes in parts per million (ppm) of the primary field as measured at the response peak over the conductor. To assist the interpretation of the survey results the computer is used to identify the apparent conductance and depth at selected anomalies. The results of this calculation are presented in table form in Appendix II and the conductance and inphase amplitude are presented in symbolized form on the map presentation.

The conductance and depth values as presented are correct only as far as the model approximates the real geological situation. The actual geological source may be of limited length, have significant dip, may be strongly magnetic, its conductivity and thickness may vary with depth and/or strike and adjacent bodies and overburden may have modified the response. In general the conductance estimate is less affected by these limitations than is the

depth estimate, but both should be considered as relative rather than absolute guides to the anomaly's properties.

Conductance in mhos is the reciprocal of resistance in ohms and in the case of narrow slab-like bodies is the product of electrical conductivity and thickness.

Most overburden will have an indicated conductance of less than 2 mhos; however, more conductive clays may have an apparent conductance of say 2 to 4 mhos. Also in the low conductance range will be electrolytic conductors in faults and shears.

The higher ranges of conductance, greater than 4 mhos, indicate that a significant fraction of the electrical conduction is electronic rather than electrolytic in nature. Materials that conduct electronically are limited to certain metallic sulphides and to graphite. High conductance anomalies, roughly 10 mhos or greater, are generally limited to sulphide or graphite bearing rocks.

Sulphide minerals, with the exception of such ore minerals as sphalerite, cinnabar and stibnite, are good conductors; sulphides may occur in a disseminated manner that inhibits electrical

conduction through the rock mass. In this case the apparent conductance can seriously underrate the quality of the conductor in geological terms. In a similar sense the relatively non-conducting sulphide minerals noted above may be present in significant consideration in association with minor conductive sulphides, and the electromagnetic response only relate to the minor associated mineralization. Indicated conductance is also of little direct significance for the identification of gold mineralization. Although gold is highly conductive, it would not be expected to exist in sufficient quantity to create a recognizable anomaly, but minor accessory sulphide mineralization could provide a useful indirect indication.

In summary, the estimated conductance of a conductor can provide a relatively positive identification of significant sulphide or graphite mineralization; however, a moderate to low conductance value does not rule out the possibility of significant economic mineralization.

Geometrical Considerations

Geometrical information about the geologic conductor can often be interpreted from the profile shape of the anomaly. The change in shape is primarily related to the change in inductive coupling among the transmitter, the target, and the receiver.

In the case of a thin, steeply dipping, sheet-like conductor, the coaxial coil pair will yield a near symmetric peak over the conductor. On the other hand, the coplanar coil pair will pass through a null couple relationship and yield a minimum over the conductor, flanked by positive side lobes. As the dip of the conductor decreased from vertical, the coaxial anomaly shape changes only slightly, but in the case of the coplanar coil pair the side lobe on the down dip side strengthens relative to that on the up dip side.

As the thickness of the conductor increases, induced current flow across the thickness of the conductor becomes relatively significant and complete null coupling with the coplanar coils is no longer possible. As a result, the apparent minimum of the coplanar response over the conductor diminishes with increasing thickness, and in the limiting case of a fully 3 dimensional body or a horizontal layer or half-space, the minimum disappears completely.

A horizontal conducting layer such as overburden will produce a response in the coaxial and coplanar coils that is a function of altitude (and conductivity if not uniform). The profile shape will be similar in both coil configurations with an amplitude ratio (coplanar:coaxial) of about 4:1*.

In the case of a spherical conductor, the induced currents are confined to the volume of the sphere, but not relatively restricted to any arbitrary plane as in the case of a sheet-like form. The response of the coplanar coil pair directly over the sphere may be up to 8* times greater than that of the coaxial pair.

In summary, a steeply dipping, sheet-like conductor will display a decrease in the coplanar response coincident with the peak of the coaxial response. The relative strength of this coplanar null is related inversely to the thickness of the conductor; a pronounced null indicates a relatively thin conductor. The dip of such a conductor can be inferred from the relative amplitudes of the side-lobes.

Massive conductors that could be approximated by a conducting sphere will display a simple single peak profile form on both coaxial and coplanar coils, with a ratio between the coplanar to coaxial response amplitudes as high as 8*.

Overburden anomalies often produce broad poorly defined anomaly profiles. In most cases, the response of the coplanar coils closely follows that of the coaxial coils with a relative amplitude ratio of 4*.

Occasionally, if the edge of an overburden zone is sharply defined with some significant depth extent, an edge effect will occur in the coaxial coils. In the case of a horizontal conductive ring or ribbon, the coaxial response will consist of two peaks, one over each edge; whereas the coplanar coil will yield a single peak.

* It should be noted at this point that Aerodat's definition of the measured ppm unit is related to the primary field sensed in the receiving coil without normalization to the maximum coupled (coaxial configuration). If such normalization were applied to the Aerodat units, the amplitude of the coplanar coil pair would be halved.

Magnetics

The Total Field Magnetic Map shows contours of the total magnetic field, uncorrected for regional variation. Whether an EM anomaly with a magnetic correlation is more likely to be caused by a sulphide deposit than one without depends on the type of mineralization. An apparent coincidence between an EM and a magnetic anomaly may be caused by a conductor which is also magnetic, or by a conductor which lies in close proximity to a magnetic body. The majority of conductors which are also magnetic are sulphides containing pyrrhotite and/or magnetite. Conductive and magnetic

bodies in close association can be, and often are, graphite and magnetite. It is often very difficult to distinguish between these cases. If the conductor is also magnetic, it will usually produce an EM anomaly whose general pattern resembles that of the magnetics. Depending on the magnetic permeability of the conducting body, the amplitude of the inphase EM anomaly will be weakened, and if the conductivity is also weak, the inphase EM anomaly may even be reversed in sign.

VLF Electromagnetics

The VLF-EM method employs the radiation from powerful military radio transmitters as the primary signals. The magnetic field associated with the primary field is elliptically polarized in the vicinity of electrical conductors. The Herz Totem uses three coils in the X, Y, Z configuration to measure the total field and vertical quadrature component of the polarization ellipse.

The relatively high frequency of VLF (15-25) kHz provides high response factors for bodies of low conductance. Relatively "disconnected" sulphide ores have been found to produce measureable VLF signals. For the same reason, poor conductors such as sheared contacts, breccia zones, narrow faults, alteration zones and porous flow tops normally produce VLF anomalies. The method can therefore be used effectively for geological mapping. The only

relative disadvantage of the method lies in its sensitivity to conductive overburden. In conductive ground the depth of exploration is severely limited.

The effect of strike direction is important in the sense of the relation of the conductor axis relative to the energizing electromagnetic field. A conductor aligned along a radius drawn from a transmitting station will be in a maximum coupled orientation and thereby produce a stronger response than a similar conductor at a different strike angle. Theoretically, it would be possible for a conductor, oriented tangentially to the transmitter to produce no signal. The most obvious effect of the strike angle consideration is that conductors favourably oriented with respect to the transmitter location and also near perpendicular to the flight direction are most clearly rendered and usually dominate the map presentation.

The total field response is an indicator of the existence and position of a conductivity anomaly. The response will be a maximum over the conductor, without any special filtering, and strongly favour the upper edge of the conductor even in the case of a relatively shallow dip.

The vertical quadrature component over steeply dipping sheet-like

conductor will be a cross-over type response with the cross-over closely associated with the upper edge of the conductor.

The response is a cross-over type due to the fact that it is the vertical rather than total field quadrature component that is measured. The response shape is due largely to geometrical rather than conductivity considerations and the distance between the maximum and minimum on either side of the cross-over is related to target depth. For a given target geometry, the larger this distance the greater the depth.

The amplitude of the quadrature response, as opposed to shape is function of target conductance and depth as well as the conductivity of the overburden and host rock. As the primary field travels down to the conductor through conductive material it is both attenuated and phase shifted in a negative sense. The secondary field produced by this altered field at the target also has an associated phase shift. This phase shift is positive and is larger for relatively poor conductors. This secondary field is attenuated and phase shifted in a negative sense during return travel to the surface. The net effect of these 3 phase shifts determine the phase of the secondary field sensed at the receiver.

A relatively poor conductor in resistive ground will yield a net positive phase shift. A relatively good conductor in more conductive ground will yield a net negative phase shift. A combination is possible whereby the net phase shift is zero and the response is purely in-phase with no quadrature component.

A net positive phase shift combined with the geometrical cross-over shape will lead to a positive quadrature response on the side of approach and a negative on the side of departure. A net negative phase shift would produce the reverse. A further sign reversal occurs with a 180 degree change in instrument orientation as occurs on reciprocal line headings. During digital processing of the quadrature data for map presentation this is corrected for by normalizing the sign to one of the flight line headings.

APPENDIX II

CERTIFICATE OF QUALIFICATIONS

I, ROBERT J. DE CARLE, certify that: -

1. I hold a B. A. Sc. in Applied Geophysics with a minor in geology from Michigan Technological University, having graduated in 1970.

2. I reside at 28 Westview Crescent in the town of Palgrave, Ontario.

3. I have been continuously engaged in both professional and managerial roles in the minerals industry in Canada and abroad for the past eighteen years.

4. I have been an active member of the Society of Exploration Geophysicists since 1967 and hold memberships on other professional societies involved in the minerals extraction and exploration industry.

5. The accompanying report was prepared from information published by government agencies, materials supplied by Pamicon Developments Limited and from a review of the proprietary airborne geophysical survey flown by Aerodat Limited for Pamicon Developments Limited. I have not personally visited the property.

6. I have no interest, direct or indirect, in the property described nor do I hold securities in Pamicon Developments Limited.

7. I hereby consent to the use of this report in a Statement of Material Facts of the Company and for the preparation of a prospectus for submission to the British Columbia Securities Commission and/or other regulatory authorities.

Signed,

Robert J. de Carle

Palgrave, Ontario
February 17, 1988

Robert J. de Carle
Consulting Geophysicist

APPENDIX VIII

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

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

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

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

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

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

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

7. THAT I hereby grant permission to Consolidated Sea-Gold Corp. for the use of this report in any prospectus or other documentation required by any regulatory authority.

DATED at Vancouver, B.C., this 4 day of March, 1988.

Steve L. Todoruk, Geologist

GULF INTERNATIONAL MINERALS LTD.
"NORTHWEST" ZONE

Rusty gossanous zone

Jasperoid Horizon

GAB 12

GAB 11

L.C.P.

ICEFIELD

ICEFIELD

6301000N
6300000N
6299000N
6298000N
6297000N

377000E
378000E
379000E
380000E
381000E
382000E
383000E

LEGEND

MESOZOIC

TRIASSIC-JURASSIC

- 3 — Andesite Agglomerate
- 2 — Argillite
- 2a — Argillite/Chert/Sandstone/Limestone Conglomerate

PALEOZOIC

PERMIAN

- 1 — Limestone, Tuff, Chert, Conglomerates

INTRUSIVE ROCKS

TRIASSIC TO CRETACEOUS

MESOZOIC
- A — Acid Intrusives; syenite, syenodiorite, feldspar porphyry, felsic, alaskite
- B — Coast Plutonic Complex; quartz monzonite, granodiorite, gabbro, granite

SCALE 1:10,000

m 0 200 400 600 800 10000 m

CONSOLIDATED SEA GOLD CORP.

GAB 11, 12 CLAIMS

LOCAL GEOLOGY MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	By.	Date.	FIGURE
J.W.	S. Todoruk	March 1988	5

GULF INTERNATIONAL MINERALS LTD.
"NORTHWEST" ZONE

GAB 12

GAB 11

L.C.P.

ICEFIELD

ICEFIELD

1376 = 320 ppb Au
1378 = 240 ppb Au
1374 = 0.048 oz/ton Au
1385 = 0.344 oz/ton Au
1386 = 105 ppb
1381 = 340 ppb Au
1379 = 1060 ppb
1378 = 40 ppb Au
1382 = <6 ppb
1375 = 0.789 oz/ton Au
1372 = 45 ppb
1388 = 1040 ppb
1384 = 5 ppb
1399 = nd
1395 = 10 ppb
1387 = 40 ppb
1370 = 280 ppb
1389 = 40 ppb
1390 = 70 ppb
1388 = <5 ppb

1351 = 80 ppb
1352 = 60 ppb
1353 = 1060 ppb
1402 = 10 ppb
1354 = 280 ppb
1355 = 240 ppb
1356 = 20 ppb
1357 = 70 ppb
1366 = 180 ppb
1369 = 2800 ppb
1405 = 10 ppb
1371 = 90 ppb
1372 = 30 ppb

1363 = 10 ppb
1364 = 195 ppb
1365 = 550 ppb
1366 = 905 ppb
1367 = 240 ppb
1358 = 15 ppb Au
1359 = 70 ppb Au
1360 = 0.049 oz/ton Au
1361 = 200 ppb Au
1362 = 400 ppb Au

1391 = 40 ppb
1392 = 5 ppb
1393 = nd
1406 = nd
1405 = nd

0.088 oz/ton Au, 16.9 ppm Ag, 1275 ppm Cu, 297 ppm Pb, 292 ppm Zn, 7942 ppm As.
75 ppb Au, 42.5 ppm Ag, 1219 ppm Cu, 19813 ppm Pb, 34819 ppm Zn, 10452 ppm As
1396 = 0.092 oz/ton
1397 = 0.392 oz/ton
1398 = 80 ppb
1399 = nd
1400 = 35 ppb

15376 = nd
15381 = 10 ppb
15382 = nd
15383 = nd
15384 = 25 ppb
15385 = 5 ppb
15386 = 115 ppb
15387 = nd
15388 = 10 ppb
15377 = nd
15378 = nd
15379 = 10 ppb
15380 = 75 ppb

16045 = 760 ppb
16042 = 1.856 oz/ton Au
16286 = 439 ppb
16043 = 760 ppb
16281 = 25 ppb
16044 = 338 ppb
16046 = 54 ppb
16045 = 0.366 oz/ton Au
16047 = 0.303 oz/ton Au
16041 = 280 ppb Au
16278 = 150 ppb Au
16037 = 20 ppb
16036 = 180 ppb
16037 = <5 ppb
16038 = 5 ppb
16280 = 300 ppb
16040 = 320 ppb
16279 = 375 ppb
16282 = 285 ppb
16283 = 115 ppb
16027 = nd
16028 = nd
16029 = nd
16026 = 2430
15400 = 120 ppb
15397 = nd
15394 = nd
15395 = nd
15396 = nd
1404 = 5 ppb
15431 = 5 ppb
15430 = nd

15429 = nd
15428 = nd
15427 = nd
16426 = nd
15389 = 10 ppb
15390 = nd
15391 = nd
1315.3
15392 = nd
15393 = nd

1529·5 1279·2 1267·6 1224·2 1378·4 1357·5 1367·9 1230·9 1697·3 1754·1 1866·0 1719·5 1731·0 1152·0 1217·6 1173·2 1062·2 1092·8 1067·7 1087·3 1024·5 1169 826 714·7 1631·7 1595·0 1264·5 1209·4 1249·1 1226·2 1375·0 1323·7 1325·4 1294·9 1152·7 1116·8 1025·3 967·4 977·1 959·0 633 655 631 W/L 662

6301000N 6300000N 6299000N 6298000N 6297000N

370000E 378000E 379000E 380000E 381000 E 382000 E 383000 E

LEGEND

X ROCK CHIP SAMPLE LOCATION (Au ppb)

SCALE 1:10,000

m 0 200 400 600 800 10000 m

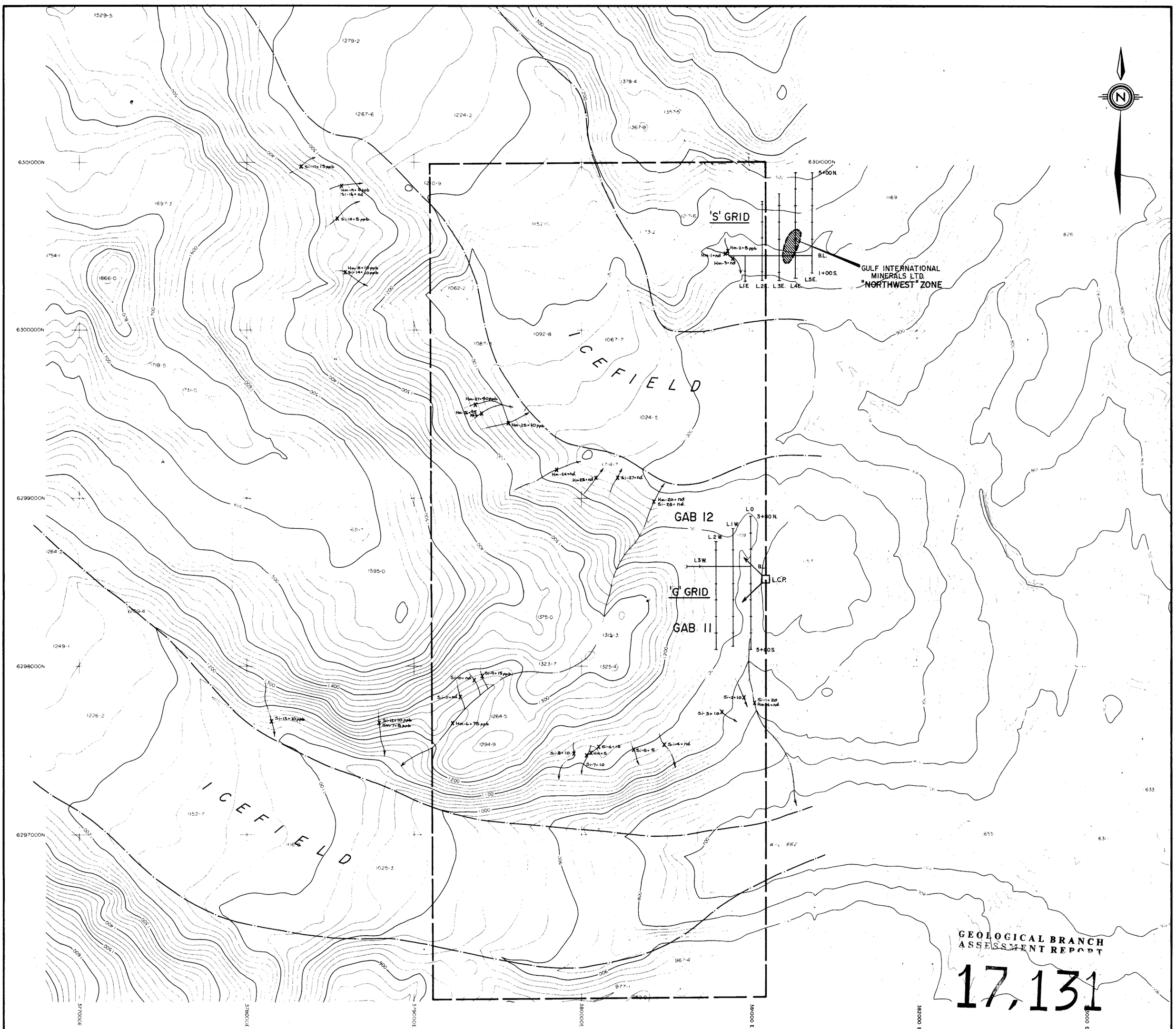
CONSOLIDATED SEA GOLD CORP.

GAB 11, 12 CLAIMS
ROCK CHIP LOCATION MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	By.	Date.	FIGURE
J.W.	S. Todoruk	March 1988	6



LEGEND

X SILT, HEAVY MINERAL CONCENTRATE LOCATION

SCALE 1:10,000

m 0 200 400 600 800 10000 m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,131

CONSOLIDATED SEA GOLD CORP.

GAB 11, 12 CLAIMS SILT, HEAVY MINERAL CONCENTRATE & SOIL SAMPLE LOCATION MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	By.	Date.	FIGURE
J.W.	S. Todoruk	March 1988	7