ARIS SUMMARY SHEET

District Geologist, Smithers Off Confidential: 89.12.02

ASSESSMENT REPORT 18512 MINING DIVISION: Liard

PROPERTY: Rob 13-14
LOCATION: LAT 56 42 00 LONG 131 12 00
UTM 09 6285941 365289
NTS 104B11E
CLAIM(S): Rob 13-14
OPERATOR(S): Crest Res.
AUTHOR(S): Scroggins, E.;Ikona, C.K.
REPORT YEAR: 1989, 332 Pages
COMMODITIES
SEARCHED FOR: Gold
KEYWORDS: Triassic-Jurassic,Hazelton Group,Volcanics,Sediments,Diorite plug
Quartz veins,Pyrite,Chalcopyrite,Galena,Gold,Silver
WORK
DONE: Geological,Geochemical,Drilling,Physical
DIAD 950.0 m 15 hole(s);BQ
Map(s) - 3; Scale(s) - 1:200
GEOL 180.0 ha
Map(s) - 1; Scale(s) - 1:2500
ROCK 180 sample(s) ;ME
SAMP 645 sample(s) ;CU,PB,ZN,AG,AU
SOIL 663 sample(s) ;ME
Map(s) - 3; Scale(s) - 1:10 000,1:2500
TREN 100.0 m 6 trench(es)
RELATED
REPORTS: 17219,18462
MINFILE: 104B 165

LOG NO: 0306 RD.
ACTION:
FILE NO:

LOG NO: 1221 RD.
ACTION: Date Rec Back from Amendments
FILE NO:

GEOLOGICAL REPORT
ON THE
ROB 13 AND 14 MINERAL CLAIMS
PHIZ PROJECT

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,512

SUB-RECORDER
RECEIVED
MAR 1 - 1989
M.R. # $
VANCOUVER, B.C.

Located in the Iskut River Area
Liard Mining Division
NTS 104B/10W
56°41' North Latitude
130°11' West Longitude

FILMED

- Prepared for -

CREST RESOURCES LTD./MAGENTA DEVELOPMENT CORP.

- Prepared by -

E.A. SCROGGINS, Geologist
C.K. IKONA, P.Eng.

February, 1989

GEOLOGICAL REPORT on the ROB 13 and 14 MINERAL CLAIMS

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1.0 INTRODUCTION

The Rob 13 and 14 mineral claims (27 units) are situated in the Iskut River area of northwestern British Columbia. Skyline Exploration Ltd.'s Stonehouse Gold deposit is located approximately 15 kilometres to the southeast and Cominco/Delaware Resource Corp.'s Snip deposit is located 10 kilometres to the east-southeast, while the Sulphurets Gold Camp (Newhawk/Lacana, Catear and Western Canadian Mining Corp.) is situated 60 kilometres to the southeast. Calpine Resources Inc./Consolidated Stikine Silver Eskay creek gold project is 45 kilometres to the east-southeast. Bob Quinn Lake and the Stewart-Cassiar Highway are located 60 kilometres to the east-northeast.

Previous preliminary field work in 1987 consisted of prospecting and soil sampling. One anomalous soil sample returned a value of 65 ppb gold.

During September 1988, a total of 15.3 line kilometres of cut grid was established to cover the majority of the property. At this time, several helicopter pads were constructed to provide suitable access to the well timbered ground. The grid area was soil sampled, prospected and mapped. Near the completion of the Phase I project, a well mineralized quartz vein structure was located in the north-central portion of the Rob 13 claim. This area underwent extensive blasting and trenching, which was then followed by a short diamond drill program.

In the course of the program some 180 hectares was geologically mapped at a scale of 1:2,500 (Figure 5).

Five hundred and four soil samples were collected on a reconnaissance spacing of 400 x 25 m spacing. Based on the results of this three more detailed grids were established in selected areas. An additional 159 samples were collected from these at 10 x 10 m spacing (Phiz grid) and 12.5 x 12.5 m spacing (16 and 22 grids).

A total of 68 rock chip samples were collected from the Phiz showing area (Figure 28).

Fifteen diamond drill holes (BQ) were drilled on the Phiz showing totalling 950 metres. Core is stored at the Bronson Creek airstrip.

The Phiz Vein, contains abundant chalcopyrite, galena, pyrite, malachite and azurite. Gold values up to 7.39 oz/ton and 6.79 oz/ton silver have been obtained.

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PHIZ PROJECT

ROB 13 & 14 CLAIMS

PROPERTY LOCATION MAP

0 100 200 MILES
0 100 200 300 KILOMETRES

PAMICON DEVELOPMENTS LTD.

DRAWN	PROJECT	DATE	FIG.
J.W.		JAN. 1989	1.

This report is intended to summarize the results of the exploration completed to date and recommends a program for continued exploration.

2.0 LIST OF CLAIMS

Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the following claims are owned by Crest Resources Ltd. and Magenta Development Corp. in a 50/50 joint venture agreement.

Claim Name	Record Number	No. of Units	Record Date	Expiry Date
Rob 13	3783	12	December 5, 1986	December 5, 1998
Rob 14	3784	15	December 5, 1986	December 5, 1998

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Rob 13 and Rob 14 mineral claims are located approximately 80 kilometres east of Wrangell, Alaska and 100 kilometres northwest of Stewart, British Columbia, on the eastern edge of the Coast Range Mountains (Figure 1). The Iskut River flows through the northeast corner of the Rob 14 claim while the Craig River passes through the southwest corner of the Rob 13 claim. Coordinates of the claims are 56°41' north latitude and 130°11' west longitude on NTS 104B/10W. The property falls under the jurisdiction of the Liard Mining Division.

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

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

Geographically, the area is typical of mountainous and glaciated terrain with 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

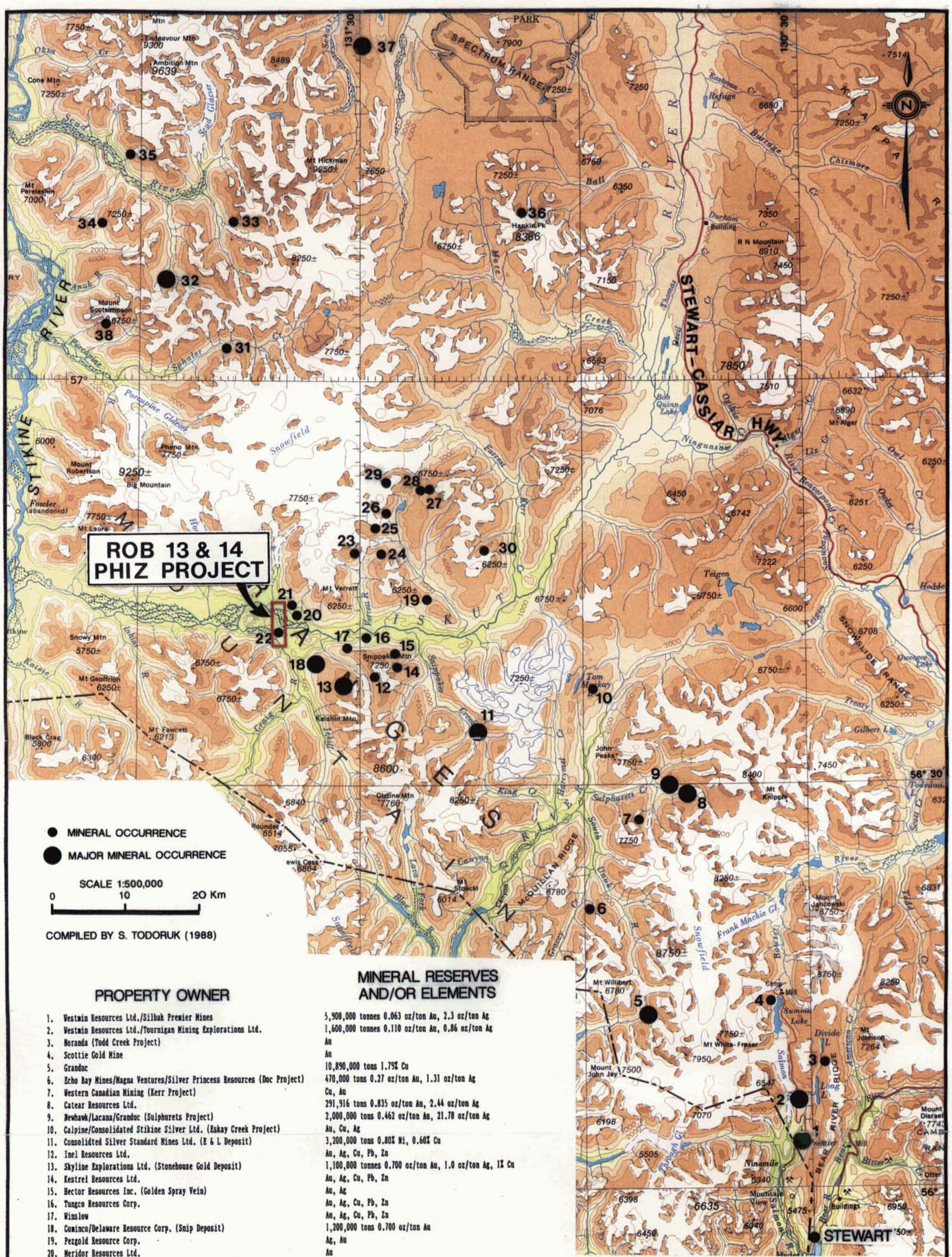
intense erosional environment. Active glaciation is prevalent above the 1200 metre contour, with the tree line existing at 1000 metres. The upper reaches of the area are covered with alpine vegetation. The lower slopes are predominantly timbered with a variety of conifers with an undergrowth of devil's club, alder and berries. The claims may be worked year round.

The Rob 13 and 14 claims are situated over part of the height of land between the Iskut and Craig Rivers, immediately south of the confluence of the Twin River and the Iskut River. Along the Iskut, the claims elevations reach a maximum of above 215 metres above sea level. The lowest elevations along the Craig River are approximately 80 metres above sea level.

4.0 AREA HISTORY

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

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



PROPERTY OWNER / MINERAL RESERVES AND/OR ELEMENTS

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

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MAGENTA DEVELOPMENT CORP.

Regional Mineral Occurrence Map

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

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

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

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

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

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

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

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

Assays of interest from recent Gulf drilling are listed below (Gulf International Minerals Ltd., Annual Report, 1988 and news releases):

Drill Hole	Interval (feet)	Length (feet)	Copper (%)	Silver (oz/ton)	Gold (oz/ton)
87-25	343.0-373.0	30.0	0.23	0.11	0.404
	409.3-412.0	2.7	0.55	0.35	0.250
	470.2-473.8	3.6	0.42	0.19	1.520
87-29	167.0-170.0	3.0	0.001	0.01	0.140
	205.0-241.5	36.5	0.97	1.16	1.605
88-28	213.9-229.0	15.1	0.41	0.29	0.810
	260.5-276.6	16.1	0.24	0.29	0.645
	300.2-301.5	1.3	0.15	0.17	0.320
	330.1-338.9	8.8	1.99	0.31	0.340
	353.0-363.2	10.2	1.02	0.22	0.288

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

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

In 1986, drilling and 460 metres of underground cross-cutting and drifting on the Stonehouse Gold Zone confirmed the presence of high grade gold mineralization with additional values in silver and copper over mineable widths with good lateral and depth continuity. With production commencing in August, 1988 a total of 196,927 lbs copper, 19,329 oz silver and 9,894 oz gold were produced up to the end of 1988. Remaining reserves reported to date in all categories are 686,000 tons grading 0.57 oz/ton gold.

On the Cominco/Delaware Snip claims immediately north of the Stonehouse Gold deposit, approximately 20,000 metres of diamond drilling has been carried out defining the Twin Zone gold deposit. Three thousand metres of underground

development work has also been completed as the project readies for production. As of January, 1989, reserves on the Twin Zone were reported as:

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

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

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

Tungco Resources Corporation has drill tested four main gold/copper quartz vein targets; the Bluff, No. 7, Swamp and Gold Bug Zones. The Bluff Zone has been delineated 70 metres along strike and 60 metres downdip with better intersections grading up to 0.243 oz/ton gold across 2.45 metres. The No. 7 Vein returned 1.12 metres of 0.651 oz/ton gold. Drill testing was also carried out near the western edge of the claims on the Boot Zone lead/zinc/copper/silver/gold prospect.

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

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

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

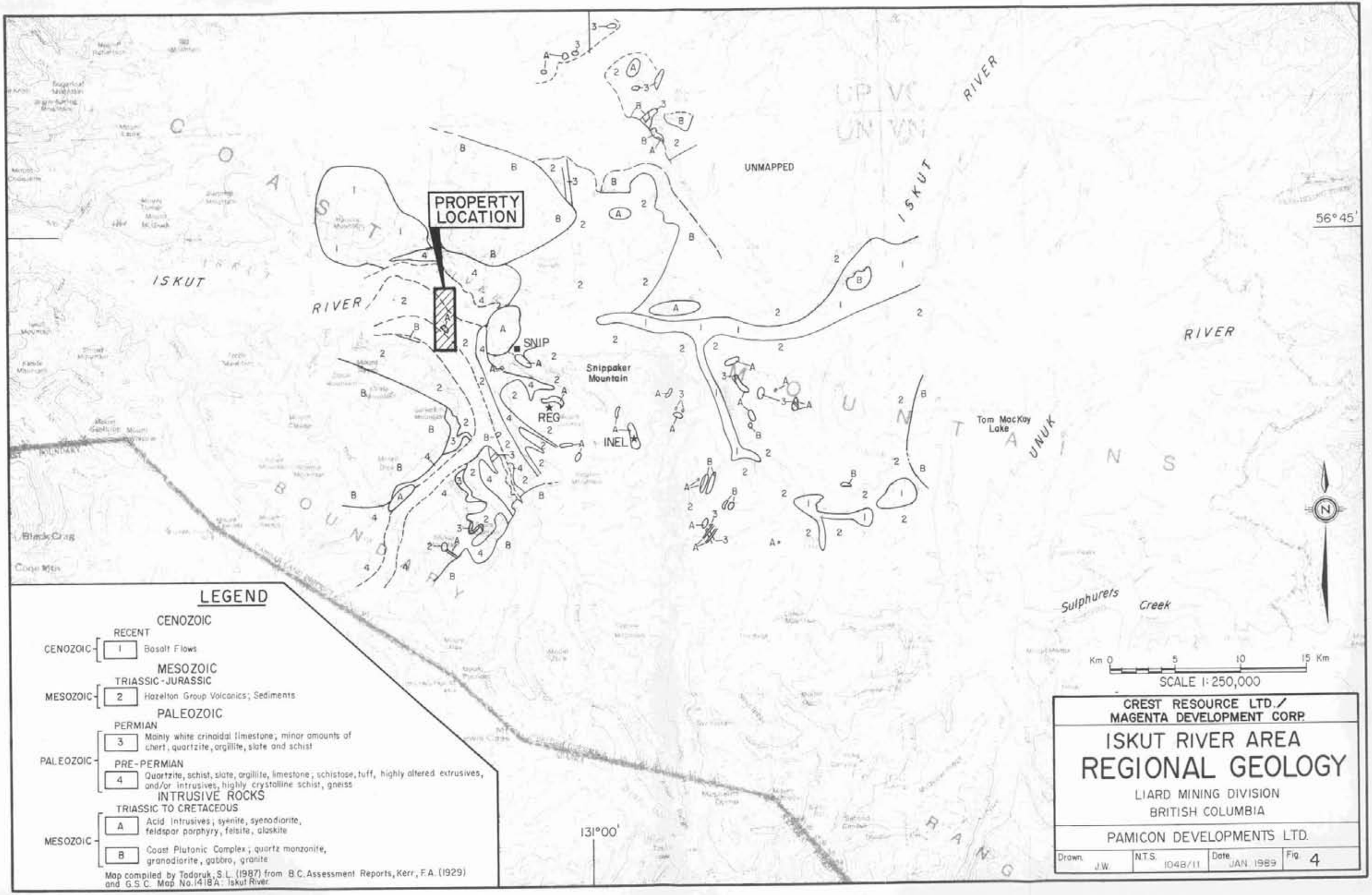
Project	Mineral Reserves
Newhawk/Granduc/Lacana Mine	2,000,000 of 0.462 oz/ton Au, 21.78 oz/ton Ag
Catear Resources Ltd. Mine	291,916 of 0.835 oz/ton Au, 2.44 oz/ton Ag
Echo Bay Mines/Magna/ Silver Princess Project	470,000 of 0.270 oz/ton Au, 1.31 oz/ton Ag

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

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

5.0 REGIONAL GEOLOGY

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


PROPERTY LOCATION
ISKUT RIVER
UNMAPPED
ISKUT RIVER
RIVER
SNIP
REG
INEL
Snippaker Mountain
Tom MacKay Lake
UNUK
56°45'
131°00'
Sulphurets Creek
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
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, aplaskite
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.
CREST RESOURCE LTD./
MAGENTA DEVELOPMENT CORP.
ISKUT RIVER AREA
REGIONAL GEOLOGY
LIARD MINING DIVISION
BRITISH COLUMBIA
PAMICON DEVELOPMENTS LTD.
Drawn J.W.
N.T.S. 104B/11
Date JAN. 1989
Fig. 4

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

The dominant lithologies in the Bronson Creek area are clastic sediments and volcanics with minor carbonate lenses which are intruded by a diverse suite of intrusive rocks, most commonly granitic and syenitic (Figure 4). The sedimentary rocks are sandstones (typically greywackes), siltstones, shales, argillites, conglomerates and minor limestones. Volcanic rocks vary in composition from mafic to felsic and display a wide variety of igneous, pyroclastic and volcaniclastic textures.

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

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

Exploration geologists have defined stratigraphic columns for specific properties (Birkeland and Gifford, 1972; Sevensma, 1981) and for the area as a whole (Parsons, 1965; Bending, 1983). Bending defined a stratigraphic column with black argillite conformably overlain by banded siltstone which underlies a green volcanic unit composed principally of intermediate to felsic rocks. The green volcanic unit has an irregular upper contact with the "Upper Tuffaceous Sedimentary Unit," a sequence of limestones, tuffaceous sandstones, argillites and siltstones with lenses of conglomerate near the upper contact.

At the top of Bending's sequence is hornblende-biotite andesite tuff and subordinate breccia. Based on descriptions by Kerr (1930, 1948), Bending correlated the basal argillite and siltstone with the upper Paleozoic, the green volcanic unit with the Triassic and the upper tuffaceous sediments with the lower Jurassic. Fossils collected from 350 metres southwest of Snippaker Peak have been determined as Lower Jurassic, probably Toarcian age, by H.W. Tipper of the Geological Survey of Canada (Graf, 1985).

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

6.0 PROPERTY GEOLOGY

Preliminary geological mapping was conducted on the Rob 13 and 14 claims at 1:2,500 using the cut grid lines for control. Rock chip and silt samples were collected in areas of interest and are shown on Figure 5.

Surface mapping is difficult in this area due to limited outcrop exposures, extensive overburden cover and low-lying swampy terrain.

Mapping shows that Lower Jurassic to Triassic volcanic and sedimentary rocks of the Hazelton Group occur on the Rob 13 and 14 claims. These rocks include argillites, cherts, greywackes and fragmental andesitic volcanics.

Intrusive rocks of probable Triassic to Jurassic age include a diorite plug in the north-central Rob 13 claim which displays a strong mylonitic fabric and this represents moderate to strong deformation. As well, feldspar porphyry dykes were mapped in the northern grid area (L0+00/0+25S) and approximately 100 metres southeast of the Phiz Vein. This latter dyke compositionally is fine-grained, andesitic (?) with distinct elongated feldspar phenocrysts. It is strongly magnetic, trends north-south and has been traced on surface for approximately 5.0 metres.

To the south of the diorite, the rocks are predominantly sediments which are also strongly deformed.

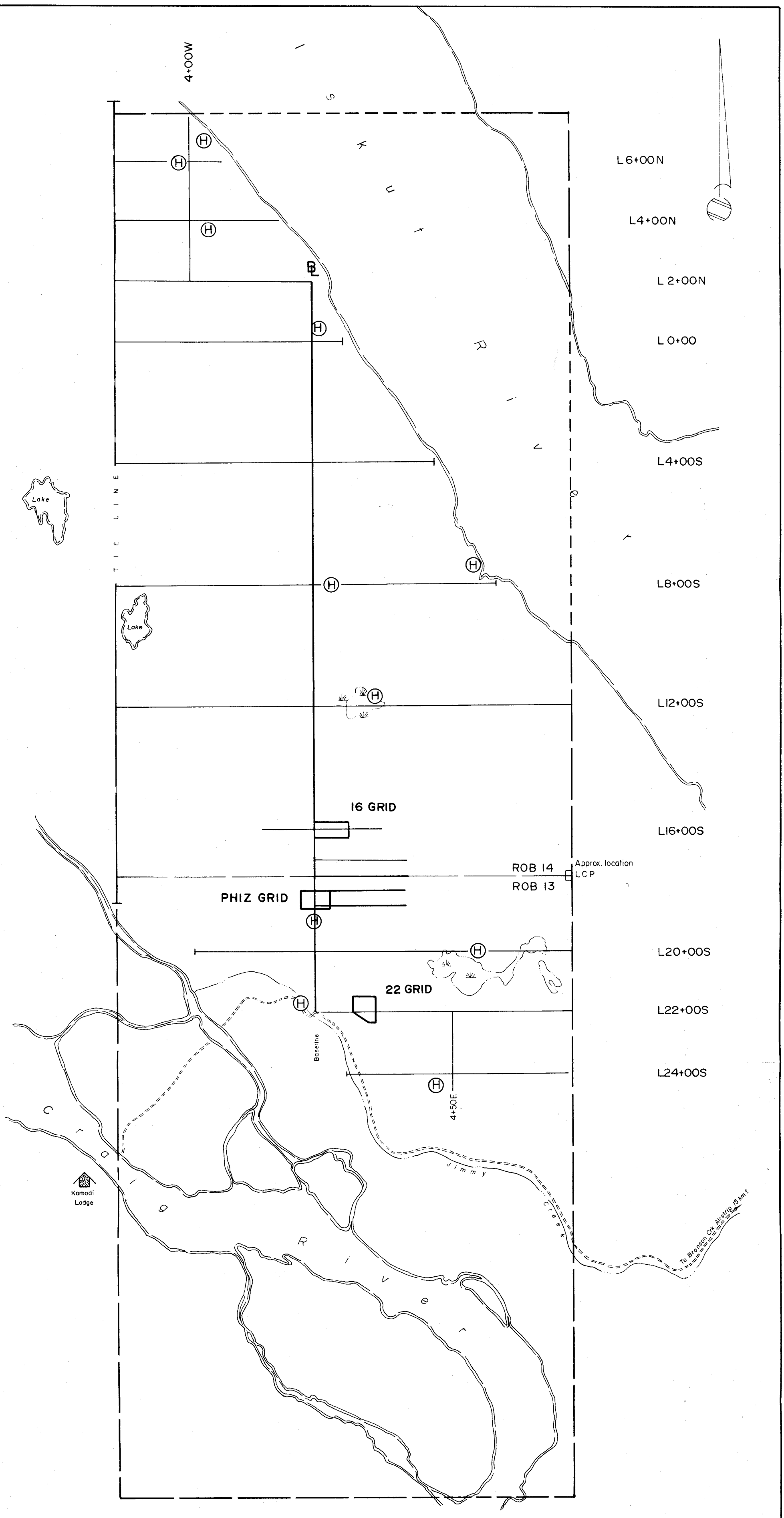
Alteration throughout the map area consists of chloritization and silicification which probably represents regional propylitic alteration.

Generally, rock identification was quite difficult as a result of moderate to strong alteration and deformation throughout the area. Prominent structures were not identified although several inferred faults/fractures are shown in Figure 5. Shearing and foliation are quite prominent and several rocks could be described as meta-volcanics and meta-sediments based on their mylonitic to, in some places, schistose textures.

7.0 SOIL GEOCHEMISTRY

A grid consisting of 400 metre spaced lines totalling 15.3 kilometres was located and cut to cover much of the claims area (Figure 6). From the grid area 504 samples were taken from 25 metre station intervals. However, several low lying swampy areas prevented complete coverage. (See Appendix IVa, Geochemical Data Sheets.) The samples were collected from B-horizon material (30 to 40 cm) and placed in kraft gusset bags and partially dried in camp. They were then shipped to Vangeochem Ltd. of Vancouver, B.C. where they were assayed for gold by fire assay methods and analyzed geochemically by ICP for 32 elements. Results of this work are contained in Appendix IIIa. Wide line spacing prevented contouring of the main grid results. Following initial encouraging results, three detailed grids, the Phiz, 16 and 22 grids, were laid out and sampled to cover the anomalous gold zones (Figure 6).

The data from all the grids was statistically analyzed by the method outlined by C. Lepeltier (1969), to determine anomalous values for gold, silver, copper, lead and zinc. These results are listed below with the calculations and graphs shown in Appendix VI.



GEOLOGICAL BRANCH
ASSESSMENT REPORT
18,512

Element	Background	Standard Deviation	Threshold
Au	11 ppb	19 ppb	28 ppb
Ag	0.2 ppm	0.7 ppm	3.0 ppm
Cu	24 ppm	34 ppm	50 ppm
Pb	51 ppm	88 ppm	150 ppm
Zn	80 ppm	140 ppm	240 ppm

The anomalous (threshold) values derived from the Rob 13 and 14 claims are similar to values from proximal claims and is thought to be quite accurate.

Figure 7 displays gold values from the main property grid. A proposed northwest trending gold geochemical anomaly is located in the southern grid area between L22+00S and L18+00S, and is shown on Figure 7. Generally, only spot highs exist throughout the remainder of the grid.

Anomalous base metal and silver values were plotted on a geochemical compilation map, graphically represented on Figure 8.

The northern part of the main grid contains scattered, single anomalies, with zinc being the most prevalent. One copper, lead and zinc coincident anomaly occurs at L0+00/Baseline, containing 1,683 ppm Cu, 154 ppm Pb, and 1,914 ppm Zn.

The majority of the anomalous values occur from L12+00S to L20+00S. A cluster of elevated copper values occurs on the western side of L18+00S. In the vicinity of the Phiz Vein, several anomalous copper, lead, zinc and silver values exist. To the southeast, along L20+00S, elevated base metal values occur. These anomalies lie approximately within the northwest trending gold anomaly (see Figure 7).

7.1 PHIZ GRID

In the immediate vicinity of the gold-bearing quartz-sulphide vein, a detailed (10 m x 10 m) grid was laid out. A total of 66 samples were collected. Stations which were not sampled were due to trench contamination which began before the grid was put in.

Figure 9, displaying gold geochemistry, shows several highly anomalous values (up to 1,600 ppb Au). Soil dispersion appears to have taken place as several high values lie to the west of the vein on a gentle to moderate westerly facing slope.

Silver values display a similar trend with that of gold and values are as high as 16.4 ppm Ag (Figure 10). Again, soil dispersion to the west is evident by several anomalous values downslope from the vein.

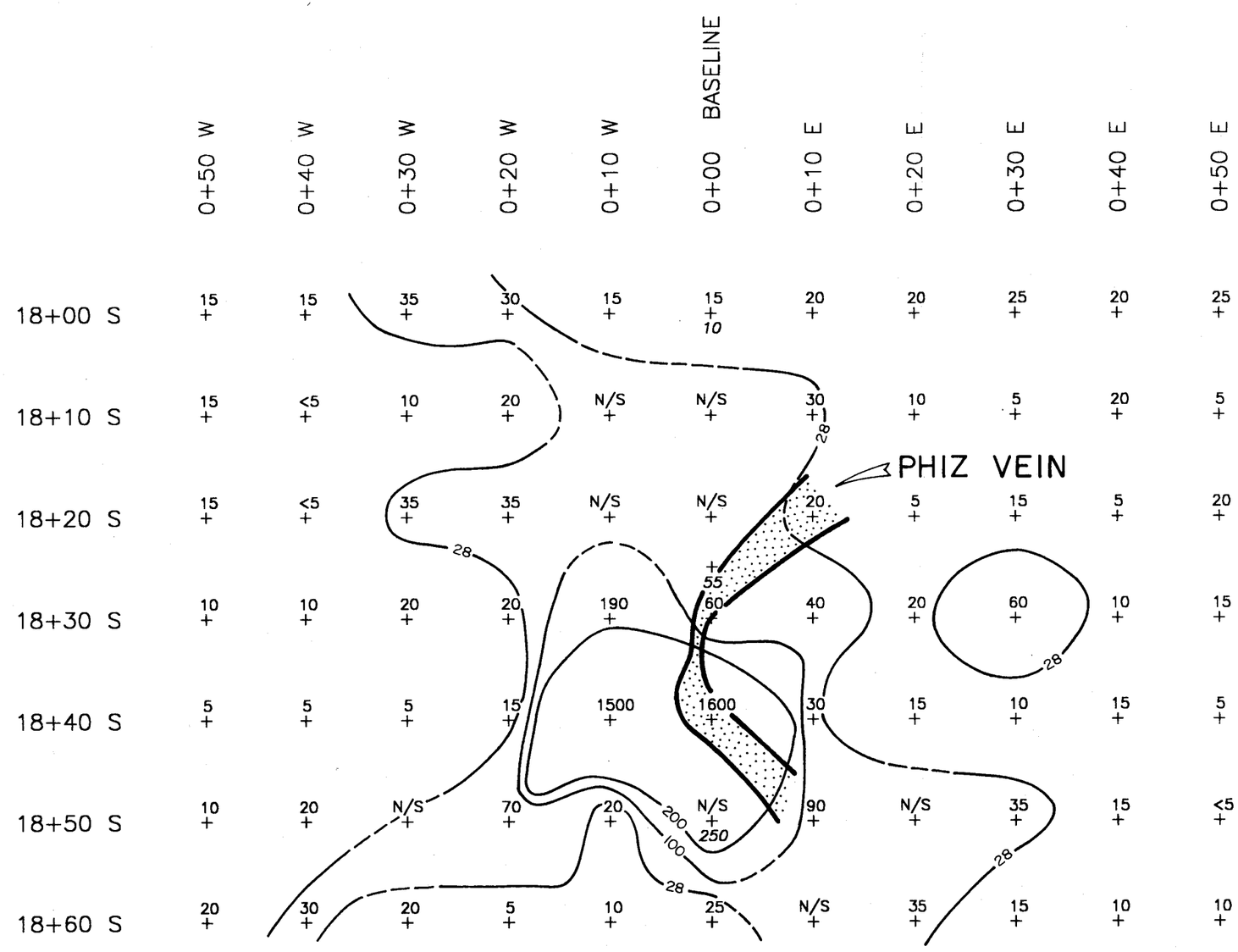
Copper and lead (Figures 11 and 12, respectively) display similar trends. Station 18+00S/baseline contains a coincident copper/lead anomaly (445 ppm Cu; 621 ppm Pb).

Zinc (Figure 13) anomalies do not appear coincident with other elements but generally occur in a low lying, swampy area which could account for the high values.

Arsenic values were plotted (Figure 14), however statistical analysis was not performed on this element due to the abundance of non-detectable samples throughout the area. However, it is shown that arsenic highs are coincident with gold highs and may be a useful geochemical tool for further exploration.

7.2 22 GRID

Gold displays a broad geochemical outline of greater than threshold values (Figure 15). The anomalous zones are open to the south and west. Two



LEGEND

50 + 50	Detail grid sampling, Oct. 1988 Grid sampling, Sept. 1988
N/S	Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

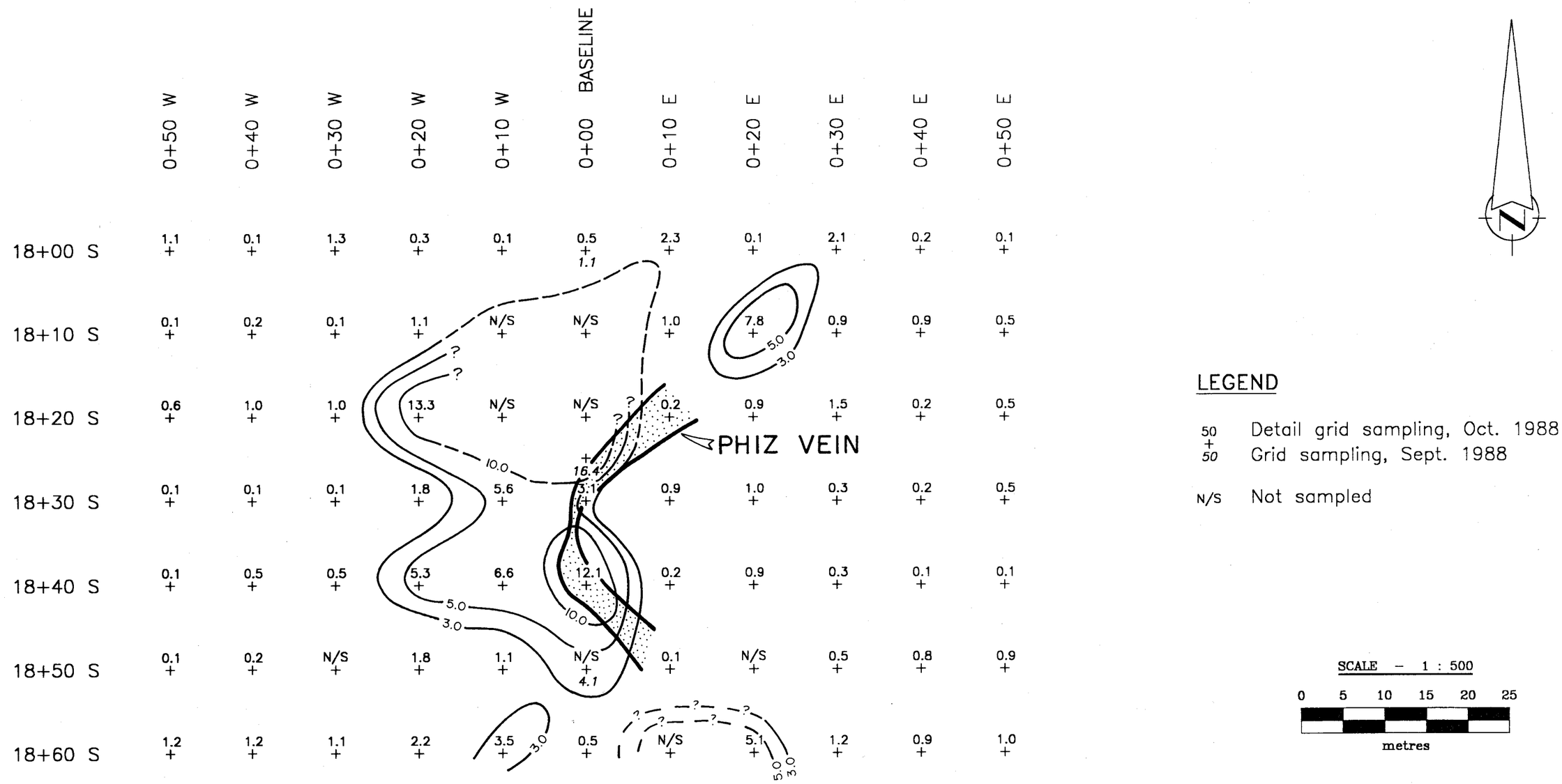
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

PHIZ PROJECT

PHIZ GRID
SOIL GEOCHEMISTRY
Au (ppb)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	9



LEGEND

50 + 50	Detail grid sampling, Oct. 1988
	Grid sampling, Sept. 1988
N/S	Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

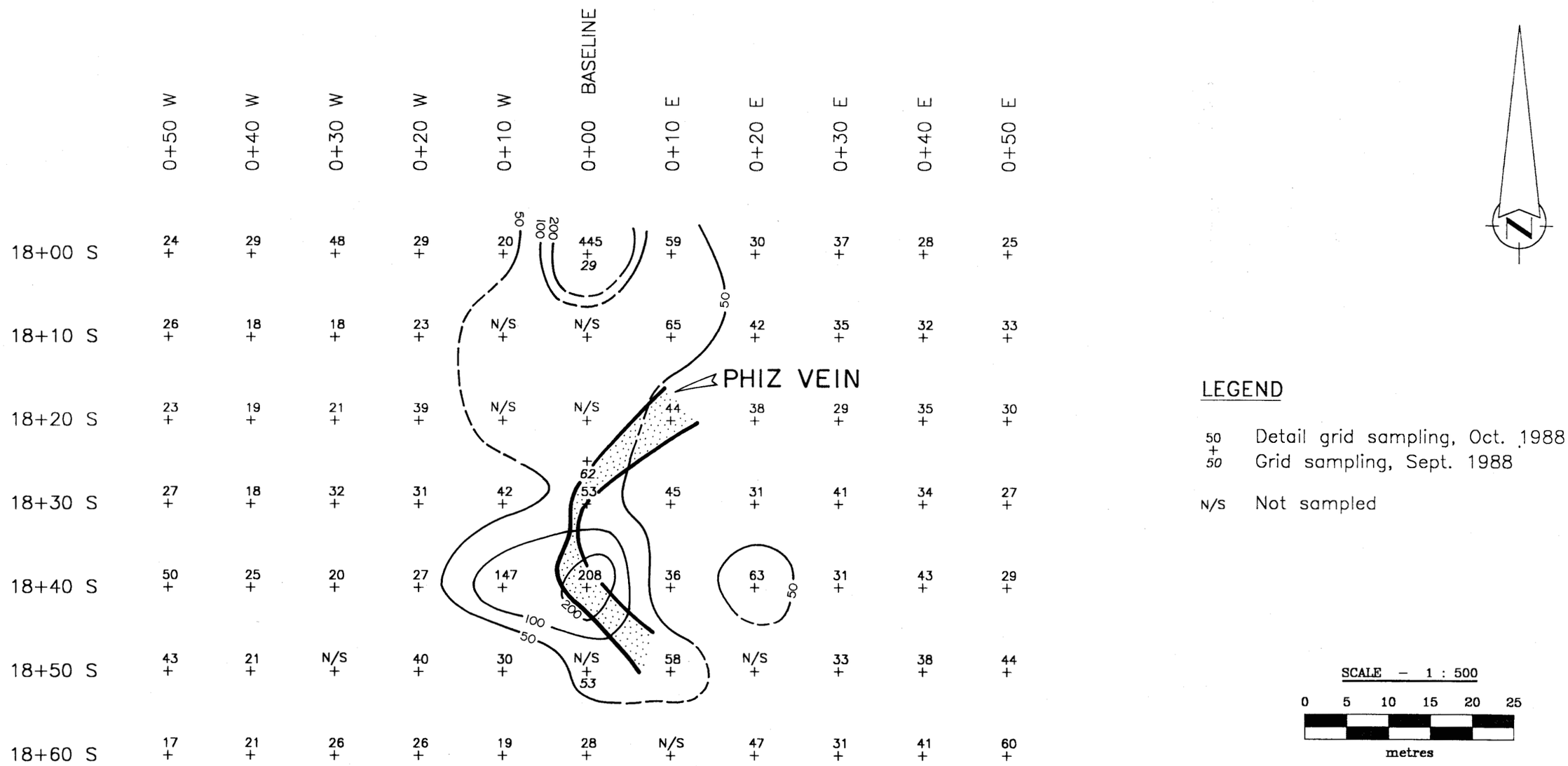
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

PHIZ PROJECT

PHIZ GRID SOIL GEOCHEMISTRY Ag (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	10



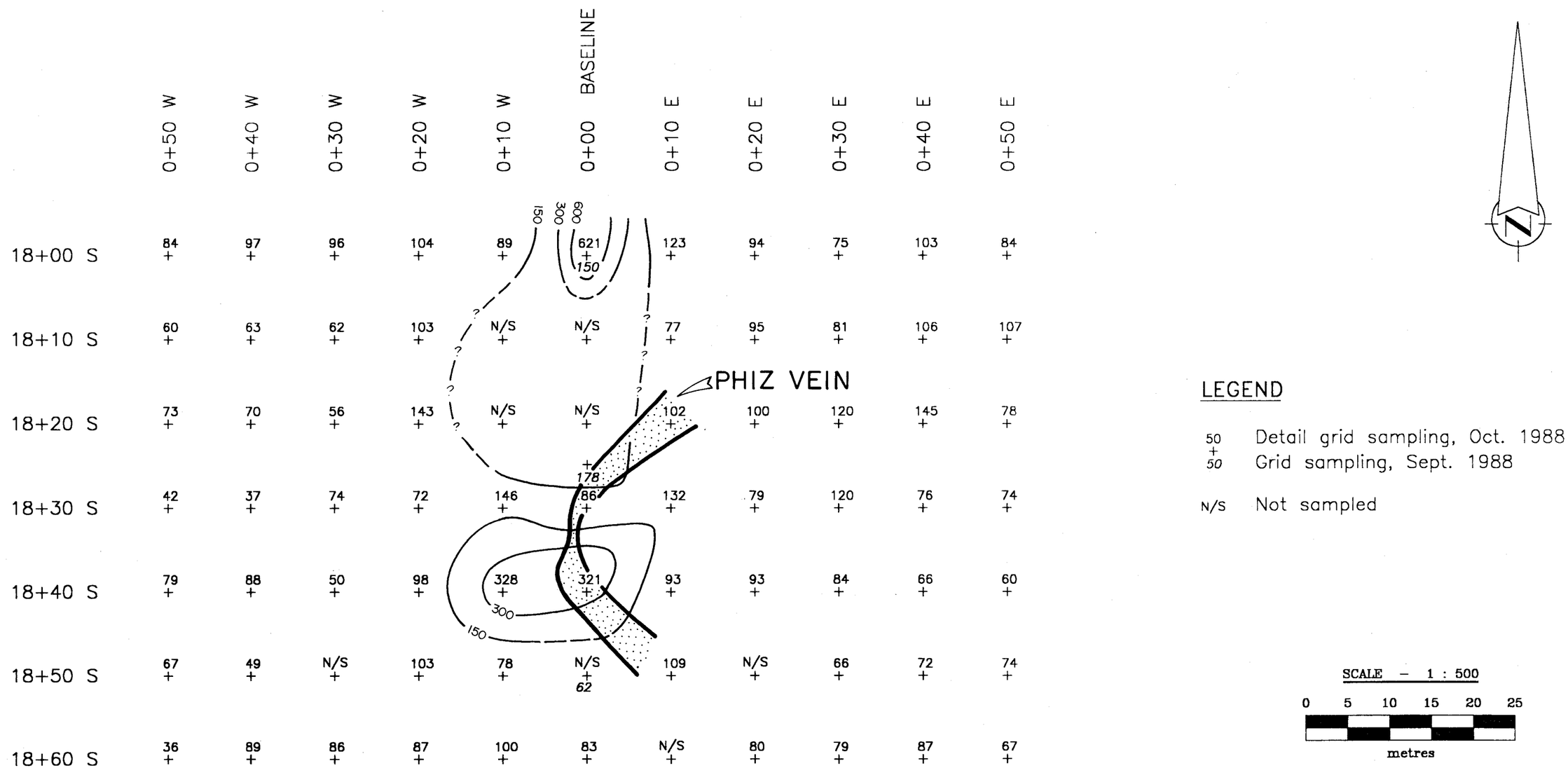
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

PHIZ PROJECT

PHIZ GRID SOIL GEOCHEMISTRY Cu (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	11



LEGEND

50 + 50 — Detail grid sampling, Oct. 1988; Grid sampling, Sept. 1988

N/S — Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

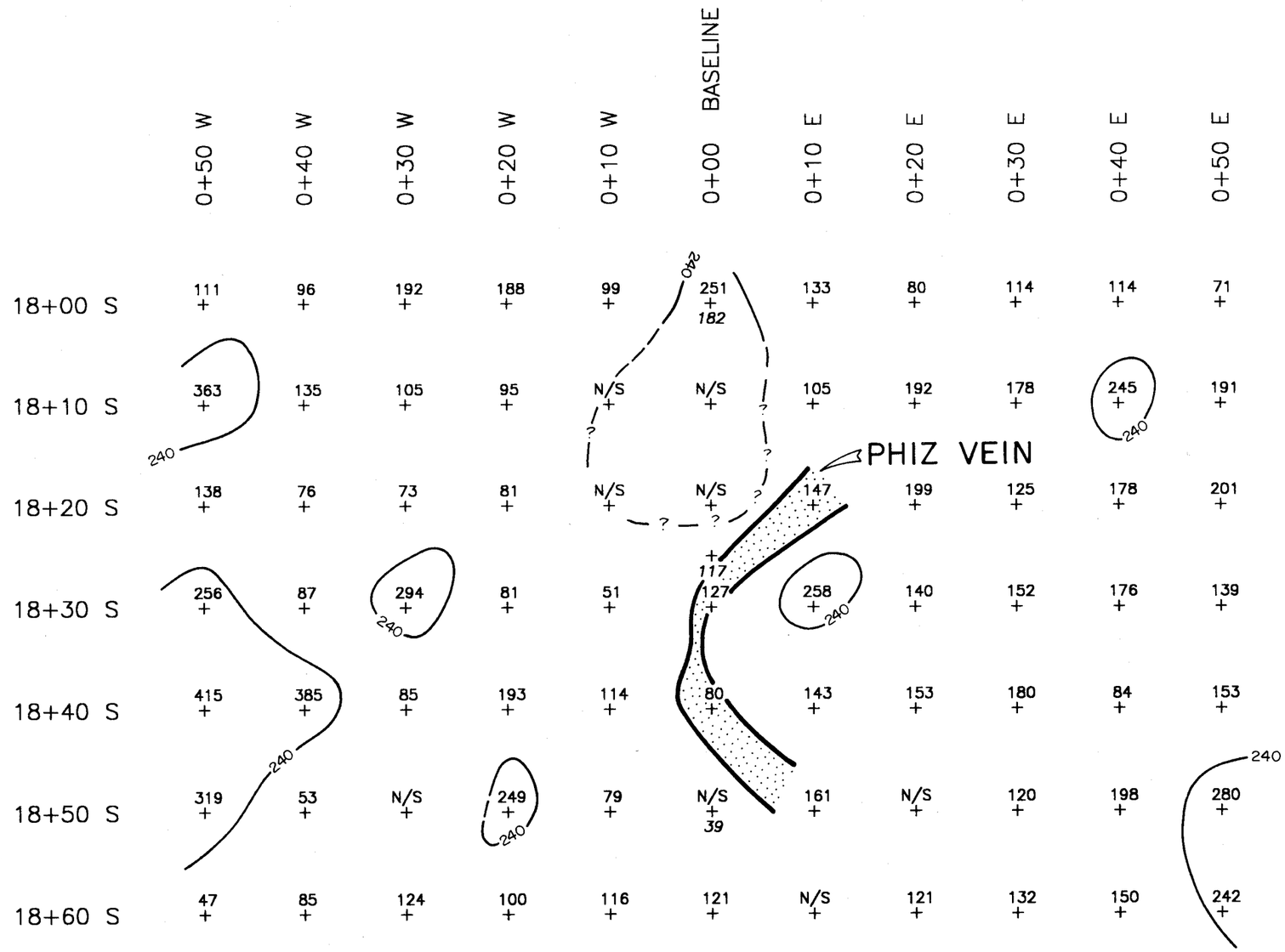
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

PHIZ PROJECT

PHIZ GRID SOIL GEOCHEMISTRY Pb (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	12



LEGEND

50	Detail grid sampling, Oct. 1988
+	
50	Grid sampling, Sept. 1988
N/S	Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

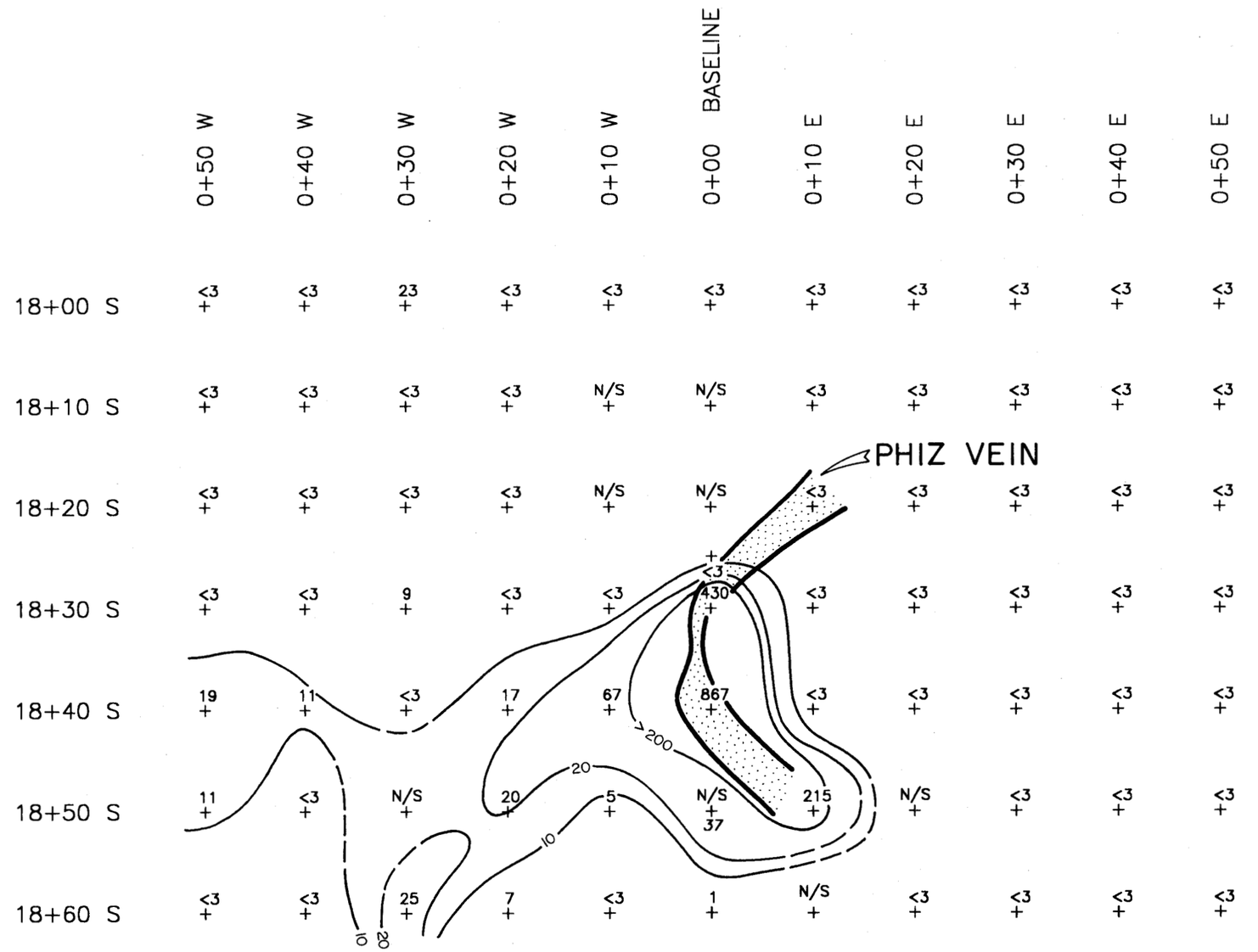
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

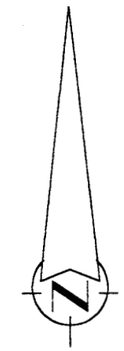
PHIZ PROJECT

PHIZ GRID
SOIL GEOCHEMISTRY
Zn (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	13





LEGEND

50 + 50	Detail grid sampling, Oct. 1988
	Grid sampling, Sept. 1988
N/S	Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

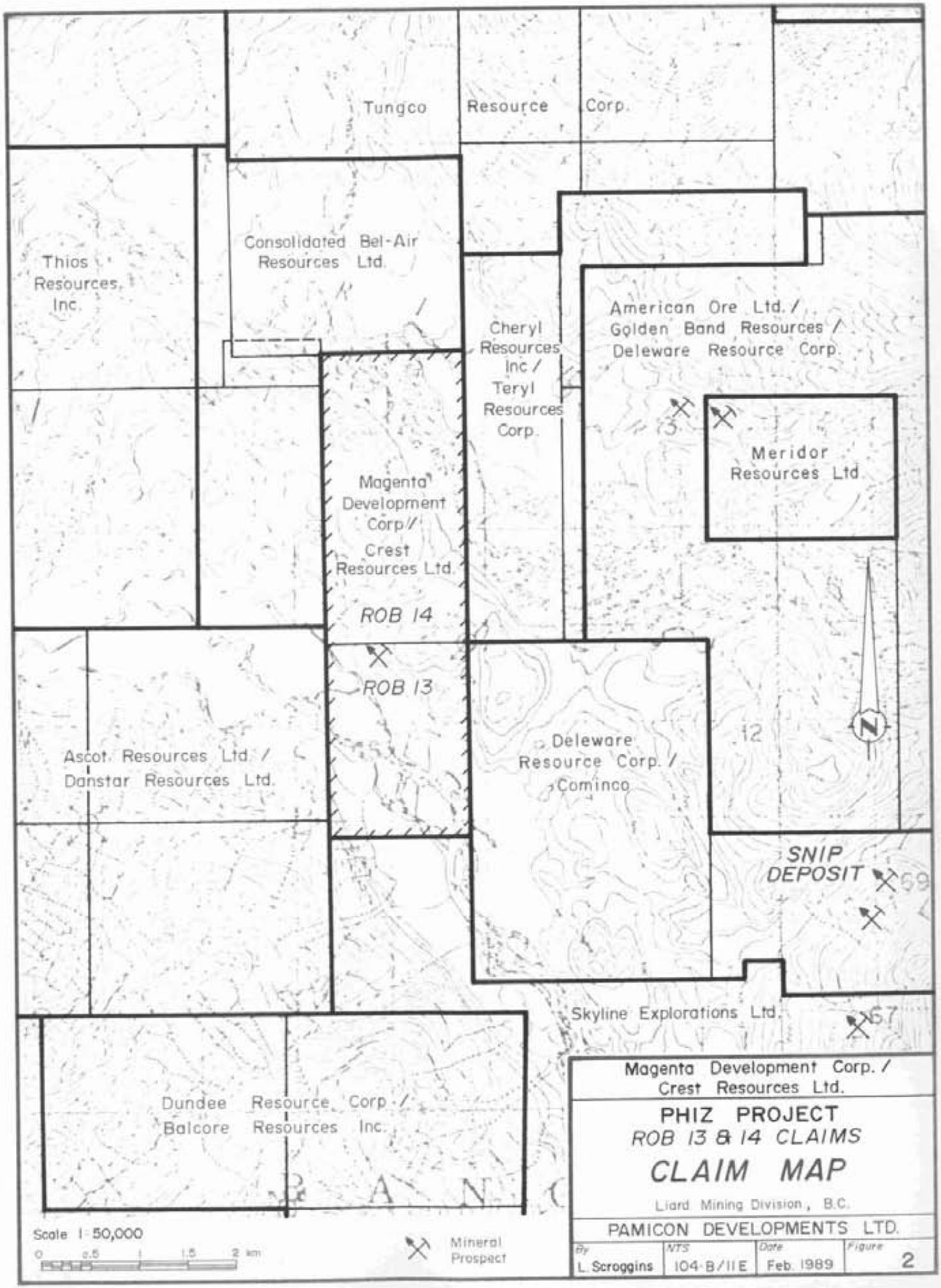
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

PHIZ PROJECT

PHIZ GRID
SOIL GEOCHEMISTRY
As (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	14


Tungco Resource Corp.
Thios Resources, Inc.
Consolidated Bel-Air Resources Ltd.
Cheryl Resources Inc / Teryl Resources Corp.
American Ore Ltd. / Golden Band Resources / Deleware Resource Corp.
Meridor Resources Ltd.
Magenta Development Corp / Crest Resources Ltd.
ROB 14
ROB 13
Ascot Resources Ltd. / Danstar Resources Ltd.
Deleware Resource Corp. / Cominco
12
SNIP DEPOSIT
Skyline Explorations Ltd.
Dundee Resource Corp. / Balcore Resources Inc.
Scale 1:50,000
0 0.5 1 1.5 2 km
Mineral Prospect
Magenta Development Corp. / Crest Resources Ltd.
PHIZ PROJECT
ROB 13 & 14 CLAIMS
CLAIM MAP
Liard Mining Division, B.C.
PAMICON DEVELOPMENTS LTD.
By L. Scroggins
NTS 104-B/11E
Date Feb. 1989
Figure 2

strongly anomalous centres are located in the central portion of the grid, separated by a low trough. The abundance of gold values greater than threshold (28 ppb Au) indicates the possible presence of a gold-bearing structure in the area.

Silver values (Figure 16), display a narrow north-south trending anomaly, and contains two high centres coincident with the gold centres.

Copper, lead and zinc (Figures 17 to 19) are generally quite low, however lead (Figure 18) does outline a small geochemical zone which is coincident with anomalous gold values.

Arsenic values (Figure 20) are somewhat lower than the values around the Phiz vein (Figure 14), however an outline of probably anomalous values (>10 ppm) does indicate a zone which again centres over high gold values.

7.3 16 GRID

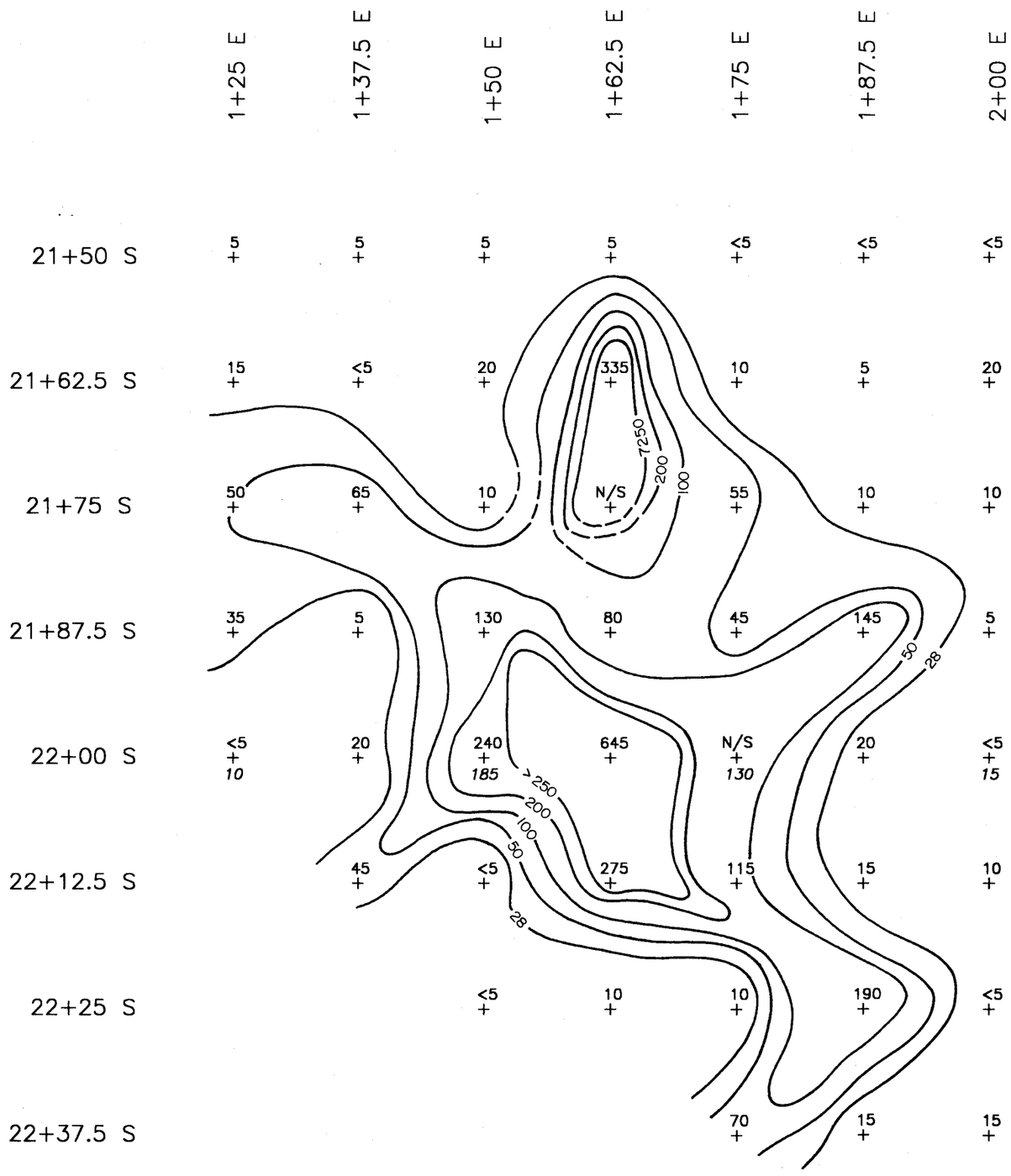
The basis for the 16 Grid was a spot high of 90 ppb Au along L16+00S (Figure 21). All gold values were below threshold (<28 ppb Au), except for the resampling of the original high which assayed 55 ppb Au.

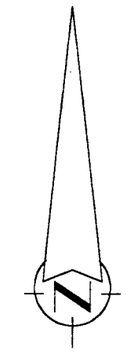
Silver, copper, lead and zinc (Figures 22 to 25) did not return any significant results.

Arsenic values display a weak anomaly (Figure 26), however this is not coincident with any other values.

8.0 MINERALIZATION

During the mapping program, a total of 27 rock chip samples were taken on the property (Figure 5). The majority of these samples returned low gold values,





LEGEND

50	Detail grid sampling, Oct. 1988
+	
50	Grid sampling, Sept. 1988
N/S	Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

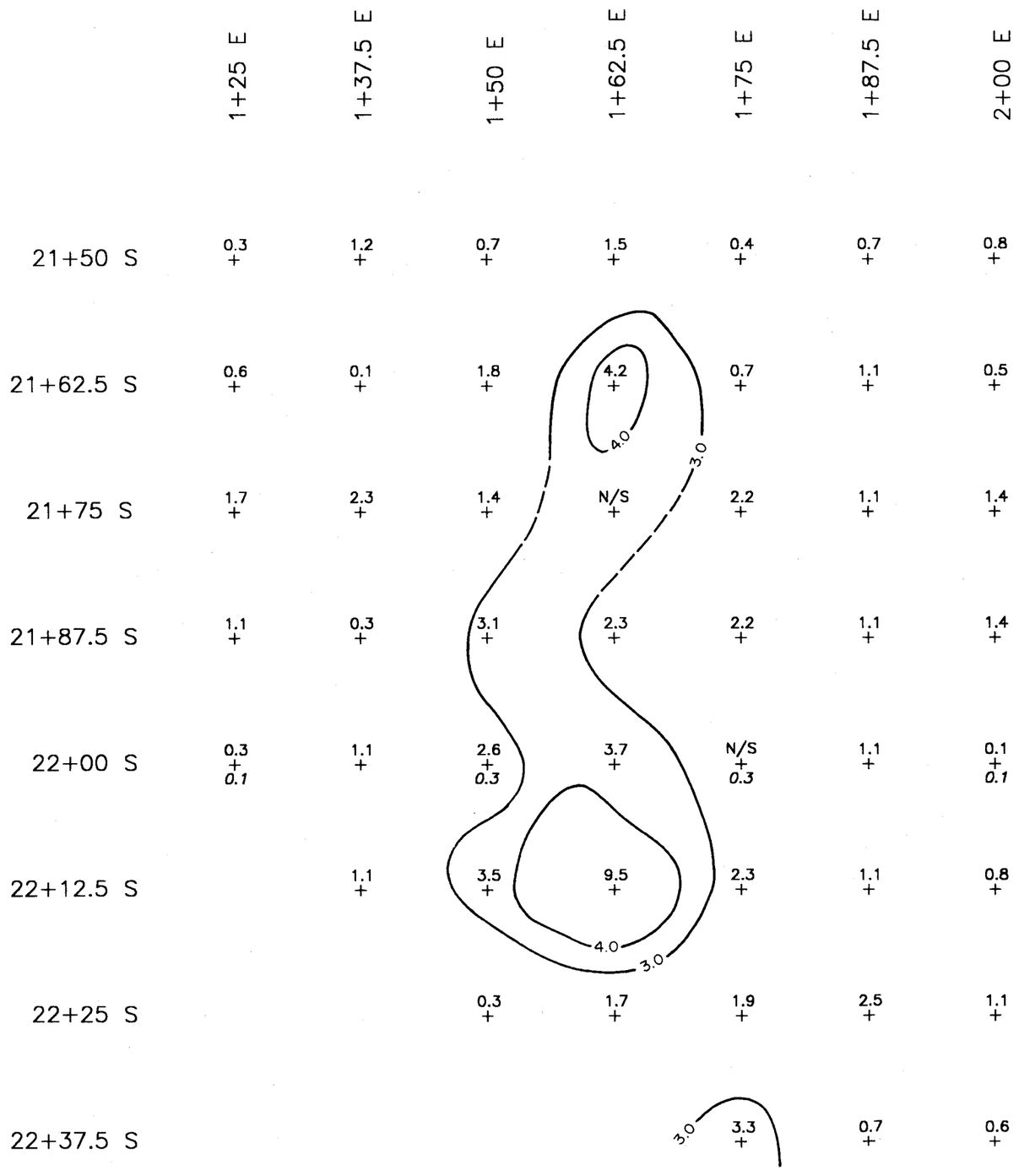
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

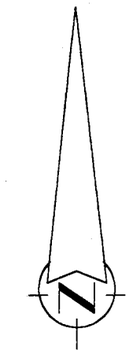
PHIZ PROJECT

22 GRID
SOIL GEOCHEMISTRY
Au (ppb)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	15



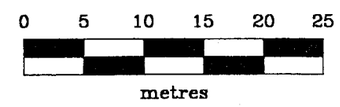


LEGEND

50 Detail grid sampling, Oct. 1988
50 Grid sampling, Sept. 1988

N/S Not sampled

SCALE – 1 : 500



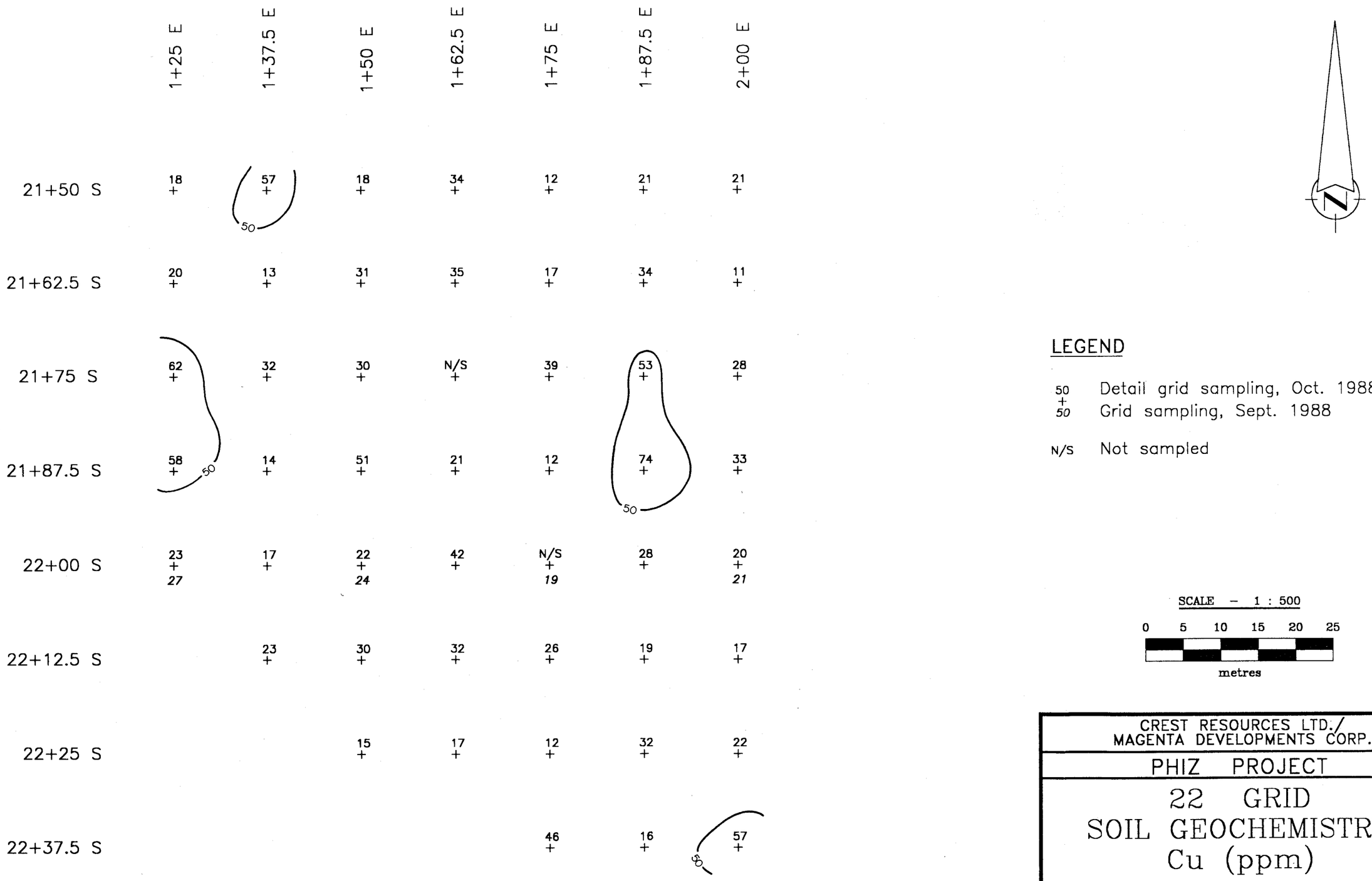
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

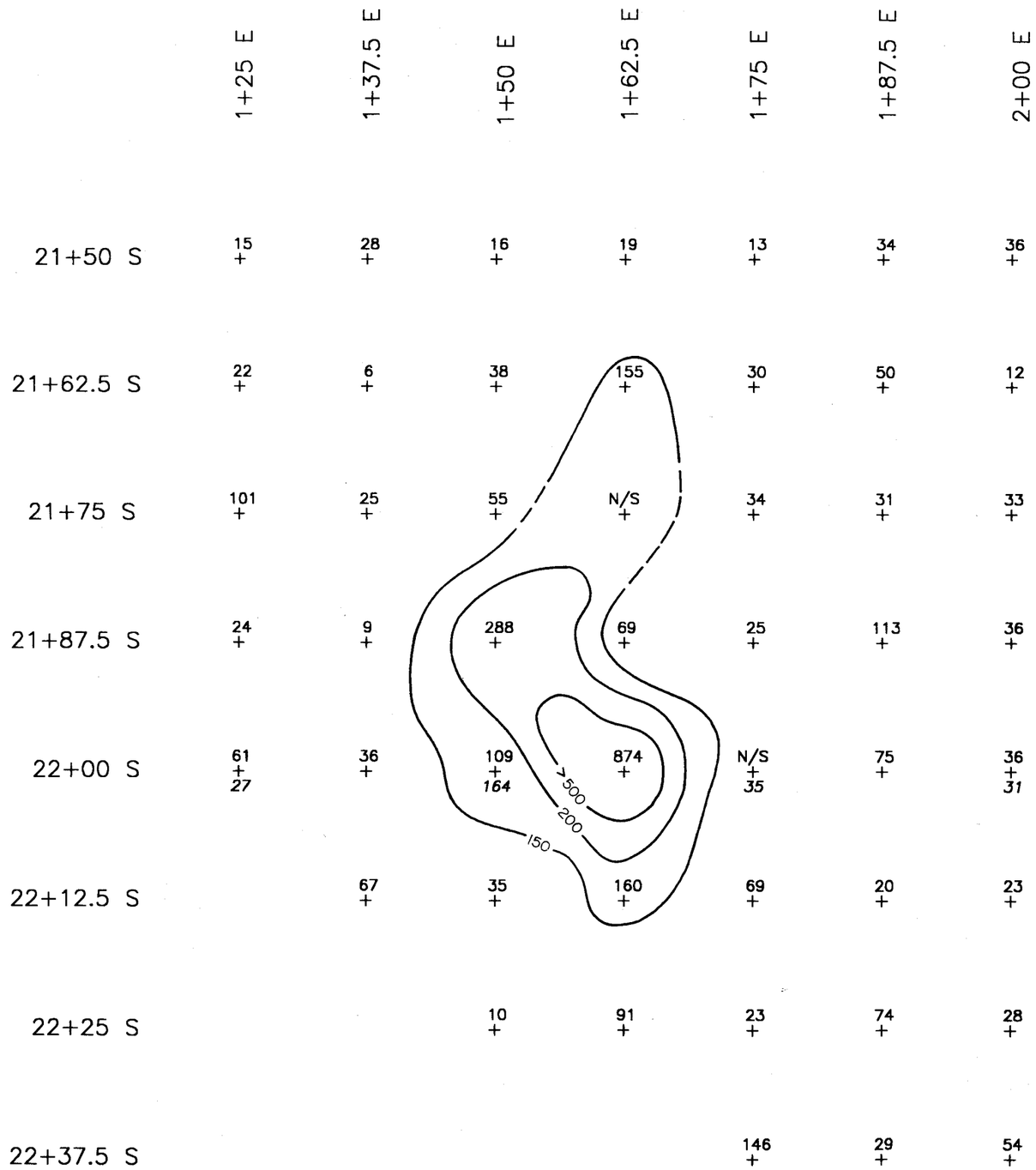
PHIZ PROJECT

22 GRID SOIL GEOCHEMISTRY Ag (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	16


1+25 E
1+37.5 E
1+50 E
1+62.5 E
1+75 E
1+87.5 E
2+00 E
21+50 S
18
57
18
34
12
21
21
50
21+62.5 S
20
13
31
35
17
34
11
21+75 S
62
32
30
N/S
39
53
28
21+87.5 S
58
50
14
51
21
12
74
33
50
22+00 S
23
27
17
22
24
42
N/S
19
28
20
21
22+12.5 S
23
30
32
26
19
17
22+25 S
15
17
12
32
22
22+37.5 S
46
16
57
50
LEGEND
50 Detail grid sampling, Oct. 1988
50 Grid sampling, Sept. 1988
N/S Not sampled
SCALE – 1 : 500
0 5 10 15 20 25
metres
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.
PHIZ PROJECT
22 GRID
SOIL GEOCHEMISTRY
Cu (ppm)
PAMICON DEVELOPMENTS LTD.
Geologist
Liz Scroggins
N.T.S.
104 B/10W
Date
February 1989
FIGURE 17



LEGEND

50 +	Detail grid sampling, Oct. 1988
50	Grid sampling, Sept. 1988
N/S	Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

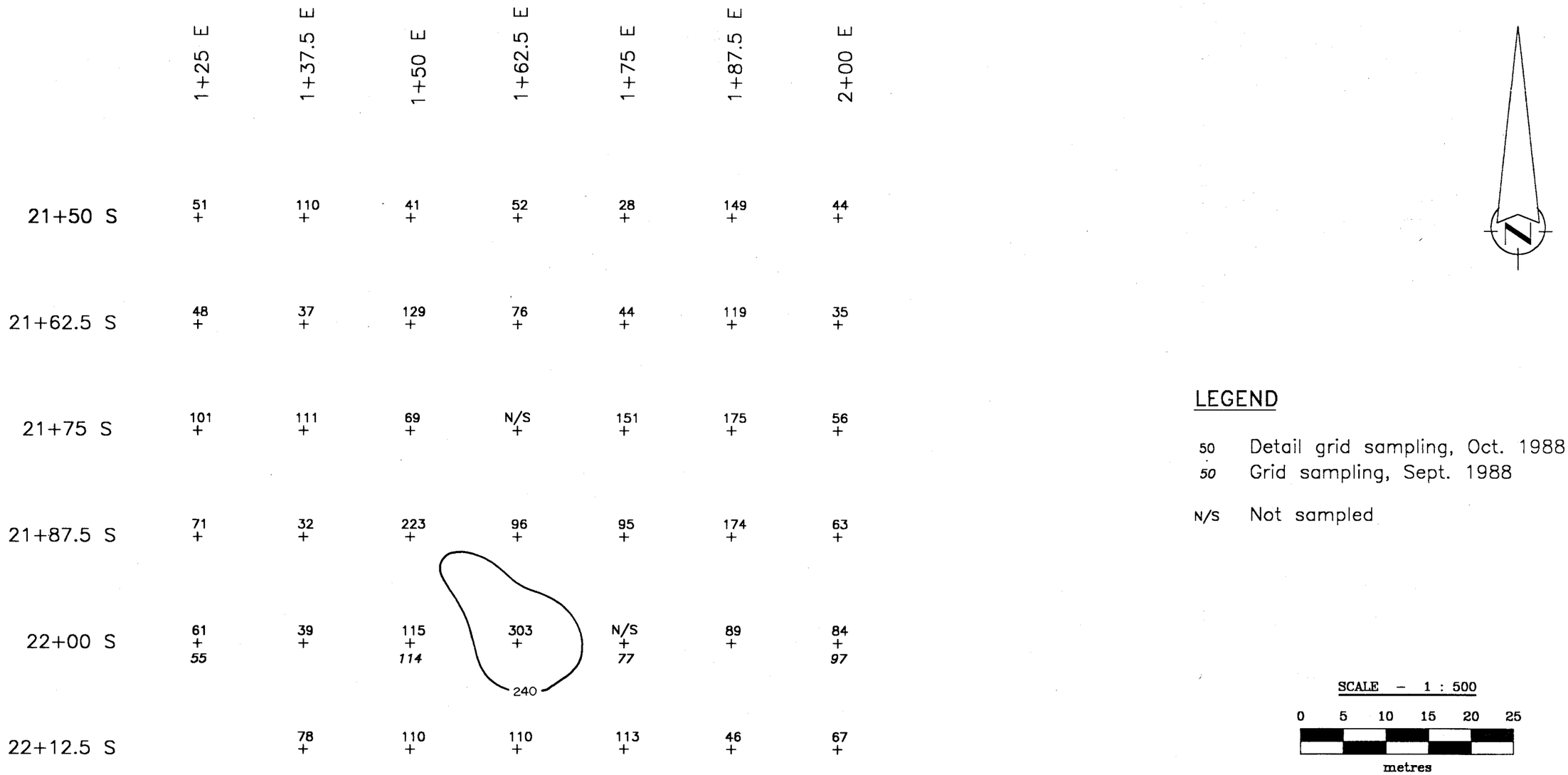
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

PHIZ PROJECT

22 GRID
SOIL GEOCHEMISTRY
Pb (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	18



LEGEND

50	Detail grid sampling, Oct. 1988
50	Grid sampling, Sept. 1988
N/S	Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

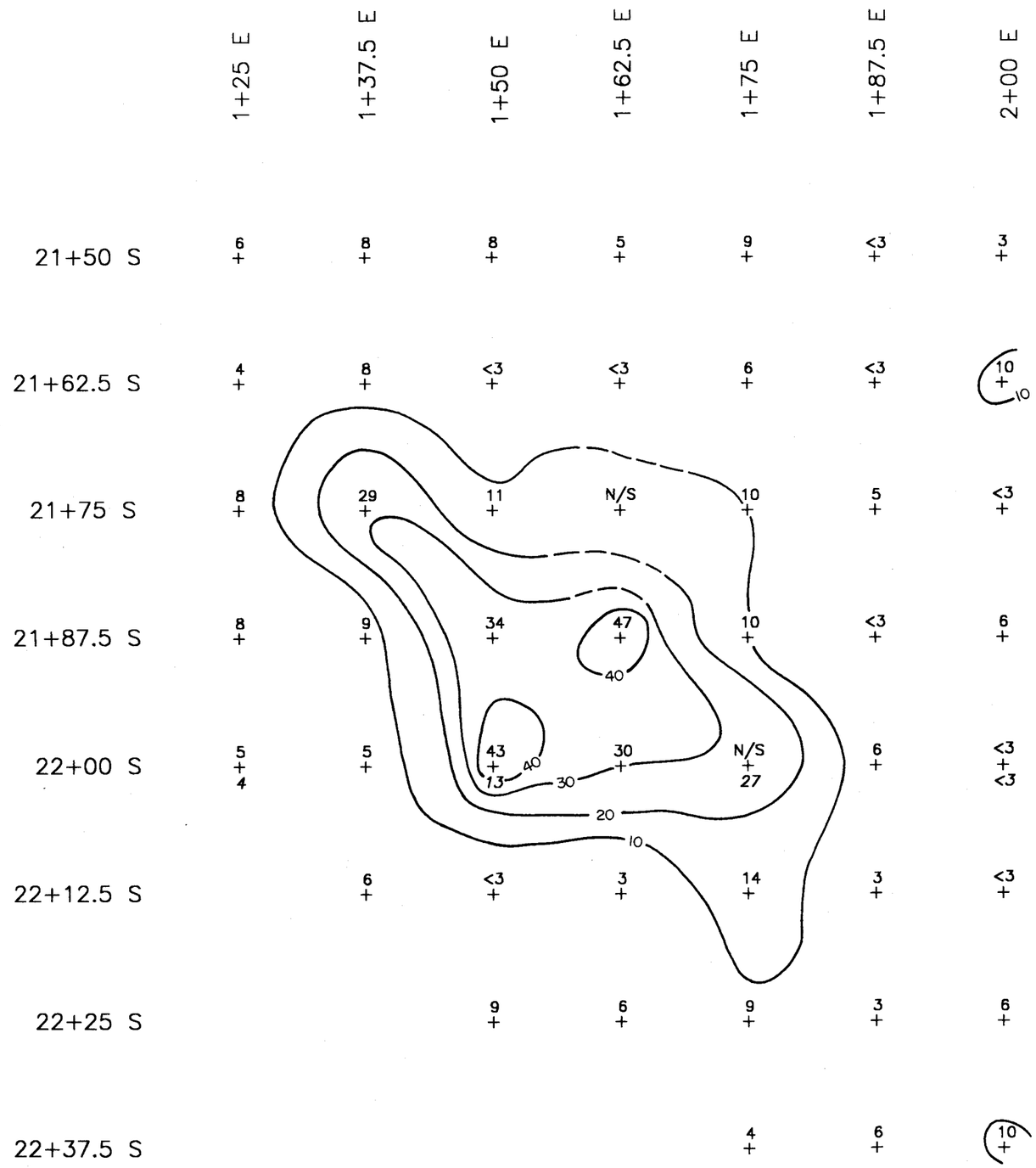
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

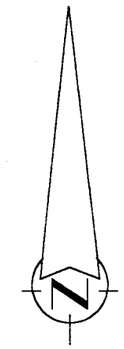
PHIZ PROJECT

22 GRID
SOIL GEOCHEMISTRY
Zn (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	19





LEGEND

50 + 50 — Detail grid sampling, Oct. 1988
Grid sampling, Sept. 1988

N/S — Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

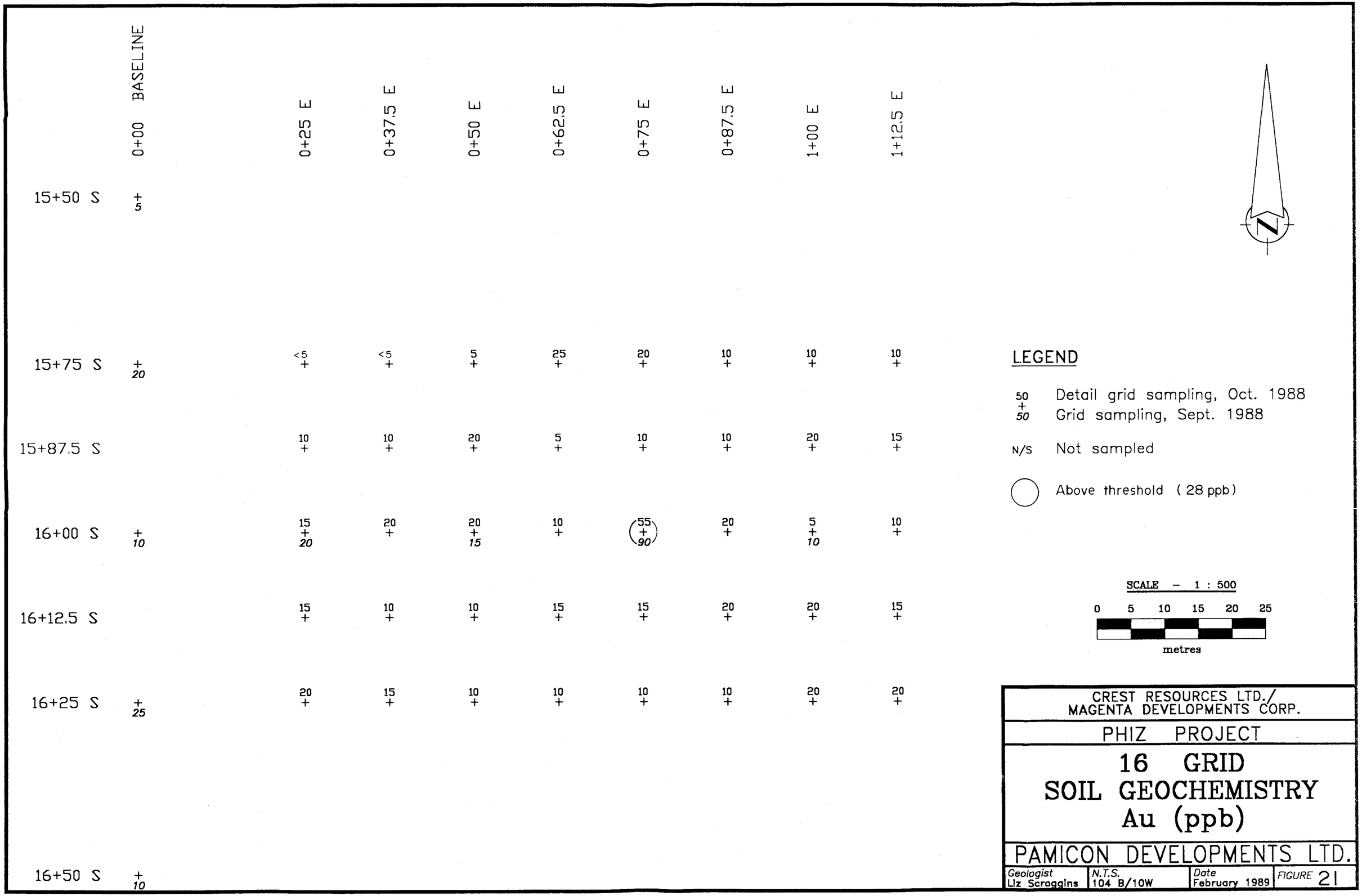
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

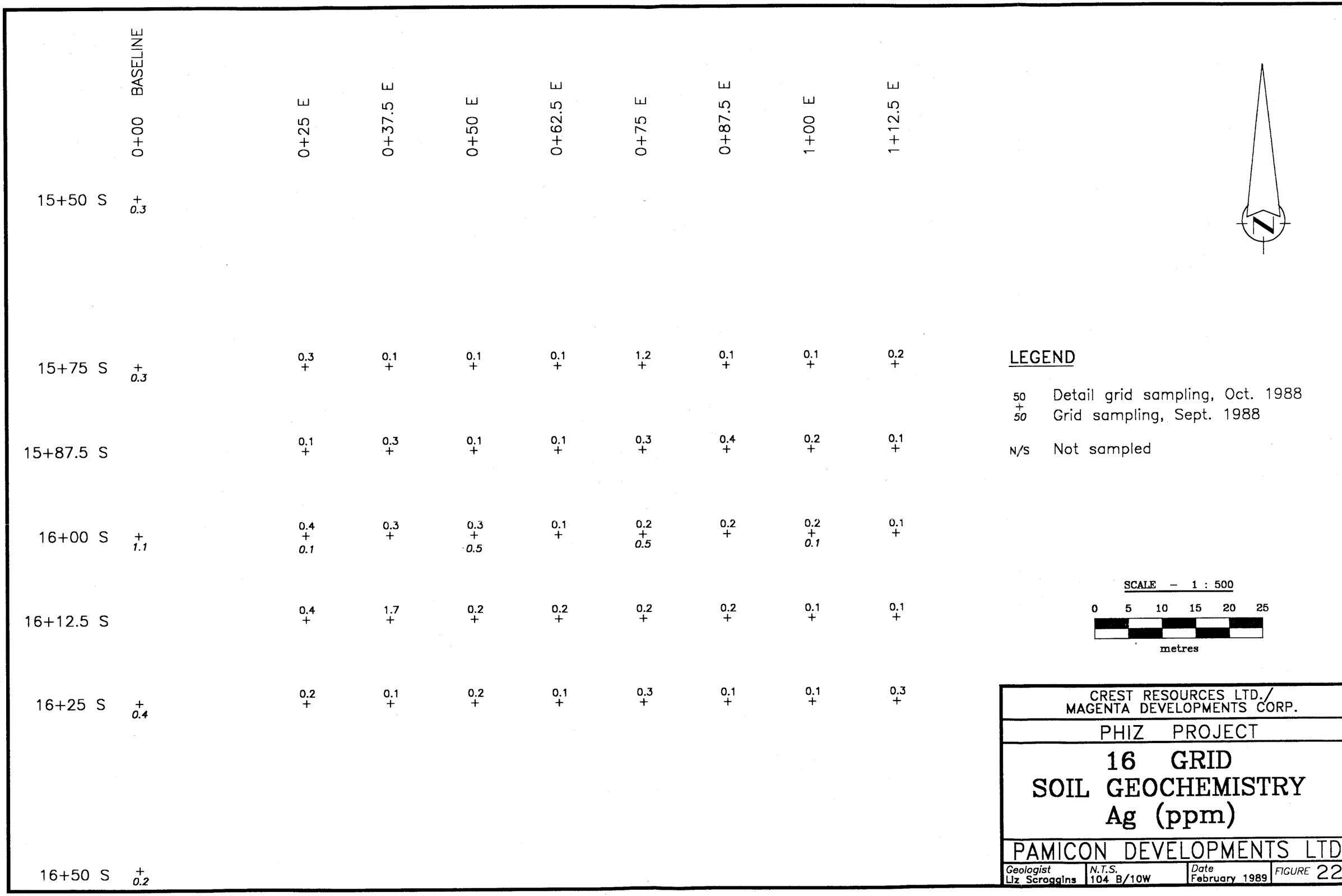
PHIZ PROJECT

22 GRID SOIL GEOCHEMISTRY As (ppm)

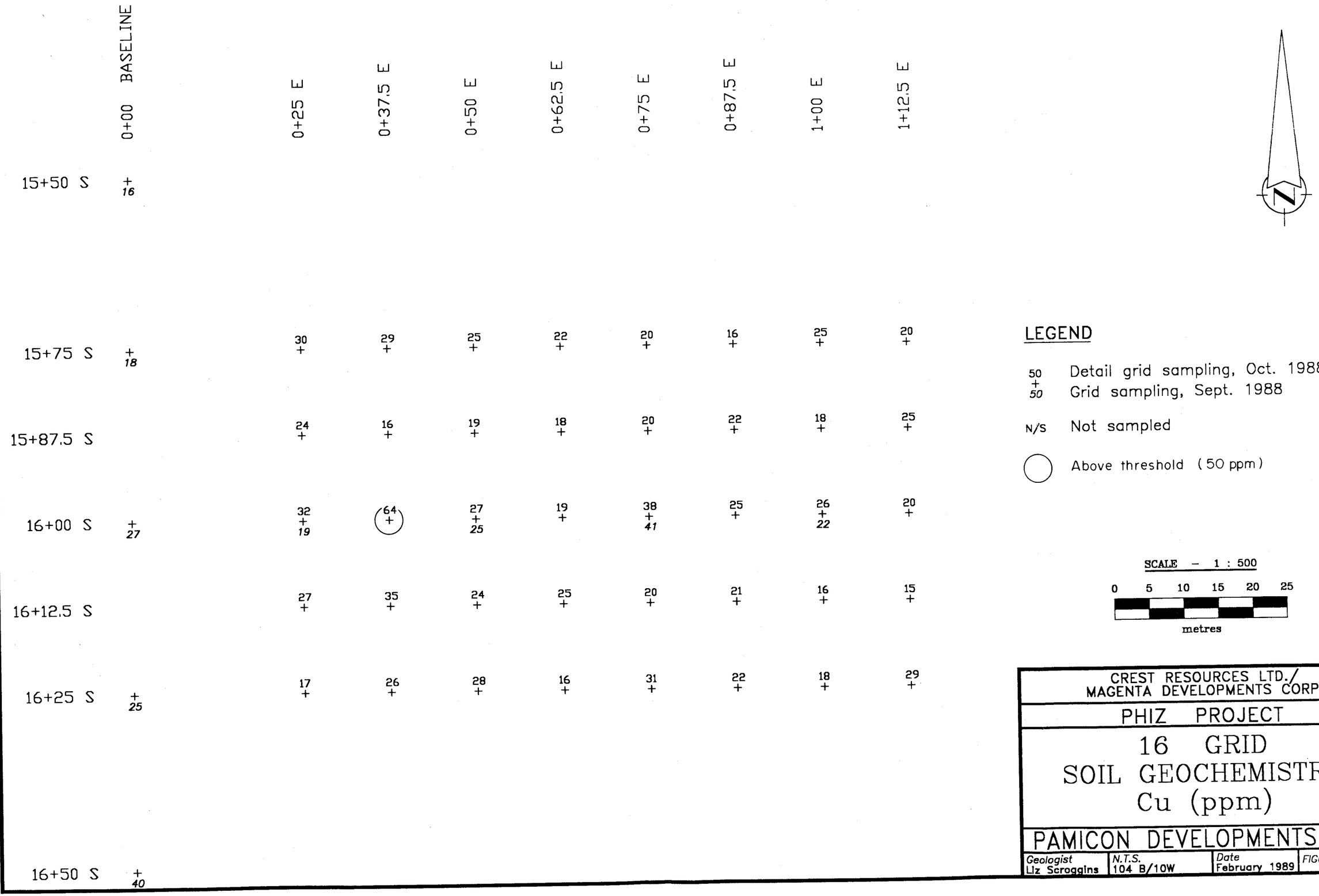
PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	20


0+00 BASELINE
0+25 E
0+37.5 E
0+50 E
0+62.5 E
0+75 E
0+87.5 E
1+00 E
1+12.5 E
15+50 S
5
15+75 S
20
<5 <5 5 25 20 10 10 10
15+87.5 S
10 10 20 5 10 10 20 15
16+00 S
10
15 20 20 10 55 20 5 10
20 15 90 10
16+12.5 S
15 10 10 15 15 20 20 15
16+25 S
25
20 15 10 10 10 10 20 20
16+50 S
10
LEGEND
50 Detail grid sampling, Oct. 1988
50 Grid sampling, Sept. 1988
N/S Not sampled
Above threshold (28 ppb)
SCALE – 1 : 500
0 5 10 15 20 25
metres
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.
PHIZ PROJECT
16 GRID
SOIL GEOCHEMISTRY
Au (ppb)
PAMICON DEVELOPMENTS LTD.
Geologist
Liz Scroggins
N.T.S.
104 B/10W
Date
February 1989
FIGURE 21



0+00 BASELINE
0+25 E
0+37.5 E
0+50 E
0+62.5 E
0+75 E
0+87.5 E
1+00 E
1+12.5 E
15+50 S
0.3
15+75 S
0.3
0.3
0.1
0.1
0.1
1.2
0.1
0.1
0.2
15+87.5 S
0.1
0.3
0.1
0.1
0.3
0.4
0.2
0.1
16+00 S
1.1
0.4
0.1
0.3
0.3
0.5
0.1
0.2
0.5
0.2
0.2
0.1
0.1
16+12.5 S
0.4
1.7
0.2
0.2
0.2
0.2
0.1
0.1
16+25 S
0.4
0.2
0.1
0.2
0.1
0.3
0.1
0.1
0.3
16+50 S
0.2
N
LEGEND
50 Detail grid sampling, Oct. 1988
50 Grid sampling, Sept. 1988
N/S Not sampled
SCALE – 1 : 500
0 5 10 15 20 25
metres
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.
PHIZ PROJECT
16 GRID
SOIL GEOCHEMISTRY
Ag (ppm)
PAMICON DEVELOPMENTS LTD.
Geologist Liz Scroggins
N.T.S. 104 B/10W
Date February 1989
FIGURE 22


0+00 BASELINE
0+25 E
0+37.5 E
0+50 E
0+62.5 E
0+75 E
0+87.5 E
1+00 E
1+12.5 E
15+50 S
16
15+75 S
18
30 29 25 22 20 16 25 20
15+87.5 S
24 16 19 18 20 22 18 25
16+00 S
27
32 64 27 19 38 25 26 20
19 25 41 22
16+12.5 S
27 35 24 25 20 21 16 15
16+25 S
25
17 26 28 16 31 22 18 29
16+50 S
40
LEGEND
50 Detail grid sampling, Oct. 1988
50 Grid sampling, Sept. 1988
N/S Not sampled
Above threshold (50 ppm)
SCALE – 1 : 500
0 5 10 15 20 25
metres
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.
PHIZ PROJECT
16 GRID
SOIL GEOCHEMISTRY
Cu (ppm)
PAMICON DEVELOPMENTS LTD.
Geologist
Liz Scroggins
N.T.S.
104 B/10W
Date
February 1989
FIGURE 23

	0+00 BASELINE	0+25 E	0+37.5 E	0+50 E	0+62.5 E	0+75 E	0+87.5 E	1+00 E	1+12.5 E
15+50 S	30								
15+75 S	35	39	34	31	36	36	33	48	41
15+87.5 S		27	32	48	41	53	45	51	36
16+00 S	137	60 52	34	29 84	31	39 110	38	47 44	38
16+12.5 S		43	38	48	40	41	41	32	33
16+25 S	68	40	41	51	32	40	38	38	50
16+50 S	48								

LEGEND

50 + 50 — Detail grid sampling, Oct. 1988
Grid sampling, Sept. 1988

N/S — Not sampled

SCALE – 1 : 500

0 5 10 15 20 25

metres

CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

PHIZ PROJECT

16 GRID SOIL GEOCHEMISTRY Pb (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	24

	0+00 BASELINE	0+25 E	0+37.5 E	0+50 E	0+62.5 E	0+75 E	0+87.5 E	1+00 E	1+12.5 E
15+50 S	42								
15+75 S	59	109	176	100	66	117	39	56	134
15+87.5 S		67	97	44	72	255	164	48	59
16+00 S	105	255 (88)	123	191 109	64	80 132	89	61 77	52
16+12.5 S		137	80	40	49	92	93	34	39
16+25 S	72	88	67	63	34	72	57	48	107
16+50 S	104								

LEGEND

50 + 50 — Detail grid sampling, Oct. 1988
Grid sampling, Sept. 1988

N/S — Not sampled

◯ — Above threshold (240 ppm)

SCALE – 1 : 500

0 5 10 15 20 25
metres

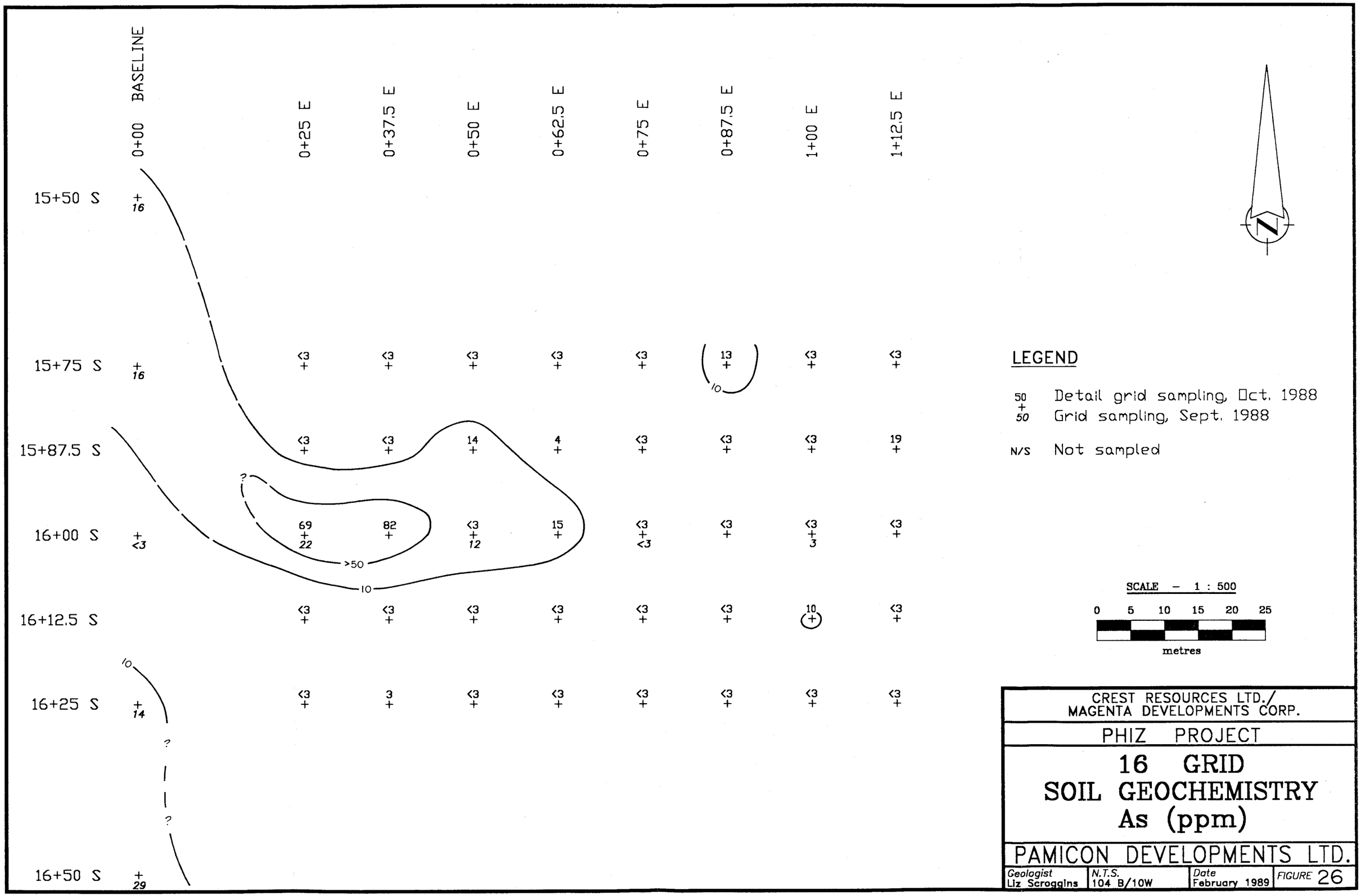
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.

PHIZ PROJECT

16 GRID SOIL GEOCHEMISTRY Zn (ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	FIGURE
Liz Scroggins	104 B/10W	February 1989	25


0+00 BASELINE
0+25 E
0+37.5 E
0+50 E
0+62.5 E
0+75 E
0+87.5 E
1+00 E
1+12.5 E
15+50 S
15+75 S
15+87.5 S
16+00 S
16+12.5 S
16+25 S
16+50 S
16
16
<3
<3
<3
<3
<3
13
<3
<3
10
<3
<3
14
4
<3
<3
<3
19
?
69
22
82
<3
12
15
<3
<3
<3
<3
3
<3
>50
10
<3
<3
<3
<3
<3
<3
10
<3
10
14
<3
3
<3
<3
<3
<3
<3
<3
?
?
29
LEGEND
50 Detail grid sampling, Oct. 1988
50 Grid sampling, Sept. 1988
N/S Not sampled
SCALE – 1 : 500
0 5 10 15 20 25
metres
CREST RESOURCES LTD./
MAGENTA DEVELOPMENTS CORP.
PHIZ PROJECT
16 GRID
SOIL GEOCHEMISTRY
As (ppm)
PAMICON DEVELOPMENTS LTD.
Geologist
Liz Scroggins
N.T.S.
104 B/10W
Date
February 1989
FIGURE 26

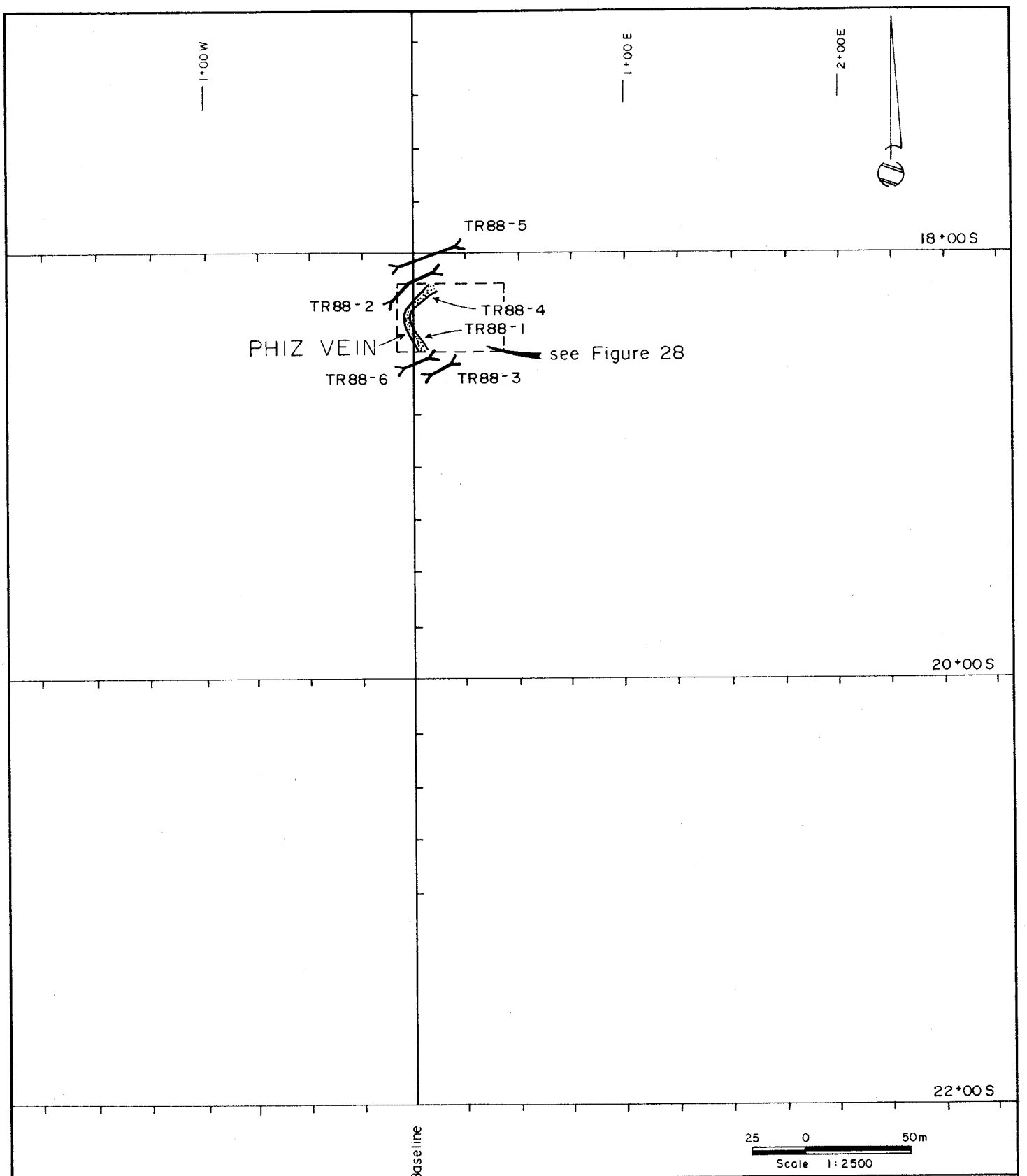
and mineralization was generally <1% pyrite and/or chalcopyrite.

In early October, an auriferous quartz-sulphide vein was discovered in the north-central portion of the Rob 13 claim, henceforth referred to as the Phiz Vein. Fourteen surface grab samples were taken and the results were very encouraging, containing significant precious and base metal values (see Table, Figure 5). The excellent results from these samples initiated a hand trenching and blasting program. Five selected sample results are listed below:

Sample Number	Cu		Pb		Zn		Ag		Au		As
	(ppm)	(%)	(ppm)	(%)	(ppm)	(%)	(ppm)	(o/t)	(ppb)	(o/t)	(ppm)
18825	2,347	.28	13,735	1.29	9	<.01	72.1	2.34	>10,000	.668	2
18827	7,261	.82	10,044	.95	825	.09	>100	16.78	9,630	.304	600
18831	1,737	.22	33,775	9.69	44	.07	>100	11.29	>10,000	1.678	200
18879		2.36		4.58		.02		4.93		1.200	<2
18881		.64		4.73		.05		5.82		1.185	600

Initial interpretation of the vein suggested the structure was striking approximately 340° to 160°. Step-out trenching was done in order to extend the strike length of the structure (Figure 27). However, after extensive trenching it was concluded that the vein took a sharp bend to the north-northeast. Trench TR88-2, located approximately 15 metres to the north of the vein, returned low gold values (up to .012 oz/ton Au over 1.0 metre) (see Appendix IVc for trenching data).

Figure 28 shows the outline of the vein, sample intervals and assays. The quartz vein appears to be composed of multiphase quartz and displays several variations in colour and mineral content. Sulphides include chalcopyrite, galena, pyrite, chalcocite (?) and malachite/azurite. High grade zones within the vein contain up to 50% sulphides. A selection of the better grade trench channel sample results are shown below:



CREST RESOURCES LTD/
MAGENTA DEVELOPMENT CORP.

PHIZ PROJECT

ROB 13 & 14 CLAIMS

TRENCH PLAN MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD

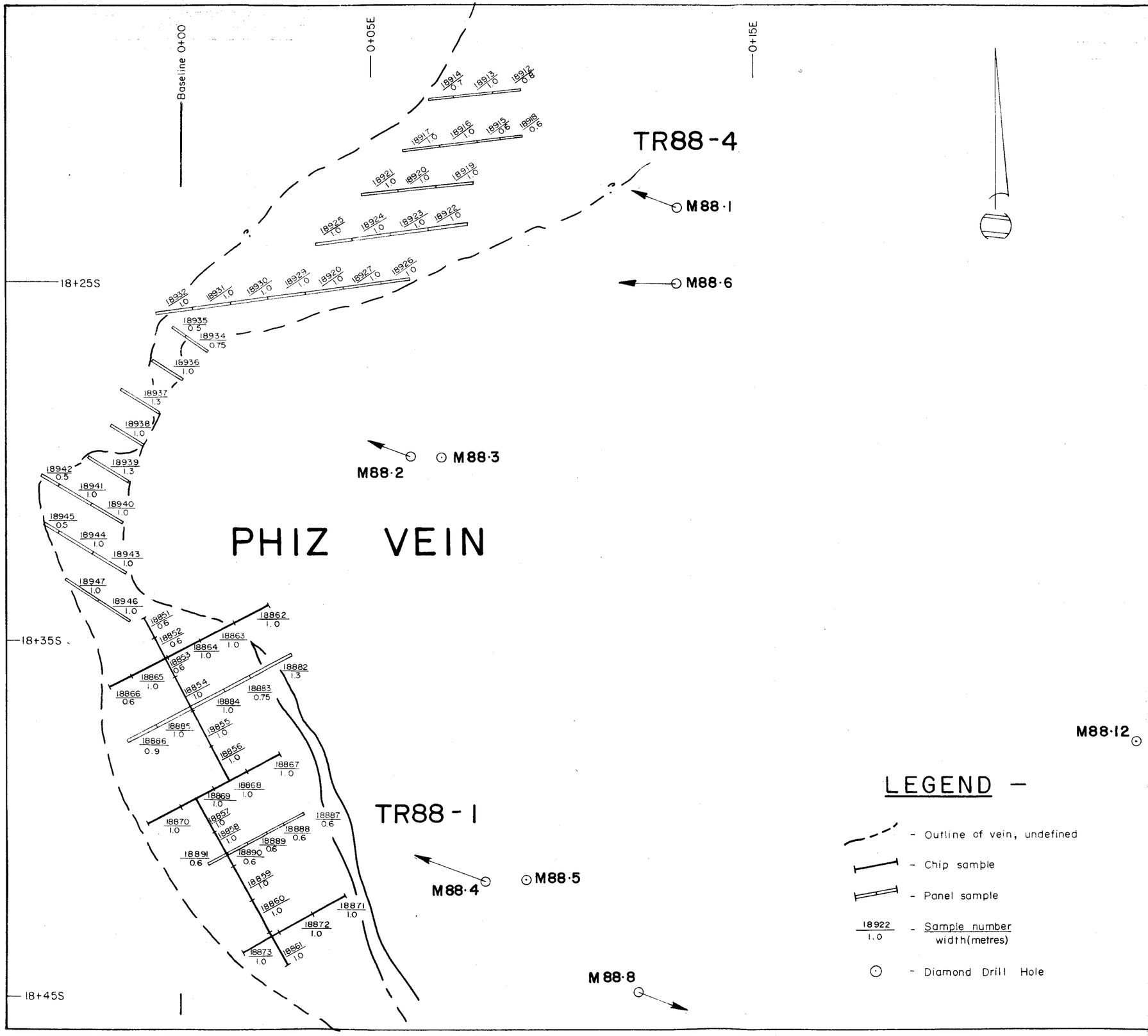
Geologist	NTS	Date	FIGURE
L. Scroggins	104 B/11	Jan 1989	27

Sample Number	Sample Width (m)	Cu		Pb		Zn		Ag		Au	
		(ppm)	(%)	(ppm)	(%)	(ppm)	(%)	(ppm)	(o/t)	(ppb)	(o/t)
18869	1.0	3,754	.42	28,597	2.63	4,352	.38	66.1	2.34	>10,000	1.018
18915	0.6		1.11		3.44		.12		12.8		2.108
18916	1.0		.70		4.40		.25		3.54		3.092
18920	1.0		2.34		4.53		.03		6.79		7.394
18925	1.0		.23		.63		.01		1.48		1.380
18927	1.0		1.07		.84		.01		1.69		1.274

The following table represents a few continuous channel samples with gold and silver values averaged over the sample width. Figure 28 shows the location of these samples.

Sample Numbers	Width (metres)	Width (feet)	Gold (oz/ton)	Silver (oz/ton)
18915 - 18918	3.2	10.5	1.452	3.96
18919 - 18921	3.0	9.8	2.567	2.54
18922 - 18925	4.0	13.1	0.567	1.27
18926 - 18932	6.8	22.3	0.483	1.27
18940 - 18942	2.5	8.2	0.589	0.96
18943 - 18945	2.5	8.2	0.715	1.48
18862 - 18866	4.6	15.1	0.361	1.56
18867 - 18870	4.0	13.1	0.503	4.25

The Phiz Vein has been uncovered over some 80 feet (25 metres) striking in a north-northeasterly direction. The gold-bearing structure is up to 4 metres wide, however, narrows in the approximate location of a large bend or fold. This interpretation is based on the irregular surface expression of the vein and may in fact be fault related. Hence, the Phiz Vein takes on an hourglass shape. Field trenching suggested that the structure was striking 020° and dipping 45°E.



Sample Number	Sample Interval (m)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	Ag (ppm)	Ag (oz/ton)	Au (ppb)	Au (oz/ton)
18851	0.6	3,182	.37	19,869	1.87	227	.03	>100	4.77	>10,000	.385
18852	0.6	1,073	.13	8,318	.81	37	.01	72.1	1.98	>10,000	.338
18853	0.6	2,339	.24	30,497	3.89	1,759	.15	>100	3.53	>10,000	.423
18854	1.0	3,440	.39	8,937	.85	114	.01	57.7	1.60	7,980	.222
18855	1.0	6,916	.77	11,631	1.15	75	.01	35.2	1.07	>10,000	.398
18856	1.0	10,862	1.23	10,305	1.05	67	.01	51.5	1.69	>10,000	.407
18857	1.0	21,783	2.18	17,620	1.59	229	.03	>100	3.39	>10,000	.540
18858	1.0	13,490	1.34	12,978	1.13	273	.03	95.5	2.74	>10,000	.386
18859	1.0	17,523	1.72	5,237	.48	557	.07	82.5	2.35	>10,000	.356
18860	1.0	17,053	1.74	3,555	.32	130	.02	>100	3.30	>10,000	.337
18861	1.0	2,484	.26	8,371	.80	130	.02	>100	4.98	5,500	.131
18862	1.0	458	.05	498	.04	158	.02	9.5	.18	240	.007
18863	1.0	645	.08	571	.06	138	.02	15.8	.44	650	.020
18864	1.0	4,113	.48	13,353	1.32	138	.02	>100	4.40	>10,000	.938
18865	1.0	2,706	.31	9,713	.94	142	.02	47.9	1.38	>10,000	.308
18866	0.6	553	.07	5,157	.48	91	.01	83.1	2.25	>10,000	.648
18867	1.0	1,118	.12	2,472	.22	167	.02	78.1	2.10	5,960	.118
18868	1.0	5,290	.54	6,610	.60	221	.03	55.7	1.53	>10,000	.319
18869	1.0	3,754	.42	28,597	2.63	4,352	.38	66.1	2.34	>10,000	1.018
18870	1.0	19,735	2.08	31,597	4.03	2,802	.24	>100	11.85	>10,000	.556
18871	1.0	9,327	1.02	3,409	.34	274	.03	60.2	1.85	7,800	.223
18872	1.0	886	.10	1,028	.10	268	.04	11.3	.29	995	.023
18873	1.0	22,777	2.26	3,250	.30	288	.04	81.5	2.54	>10,000	.344
18882	1.3	254	.03	113	.02	109	.02	2.3	.01	nd	—
18883	0.75	826	.10	443	.05	37	.01	17.2	.29	450	—
18884	1.0	10,652	1.05	15,747	1.55	431	.05	>50	3.43	7,440	.236
18885	1.0	2,093	.22	3,098	.28	55	.01	10.8	.28	3,080	.077
18886	0.9	1,474	.18	7,982	.86	92	.01	>50.3	4.9	>10,000	.578
18887	0.6	251	.03	315	.02	91	.01	1.5	.01	nd	—
18888	0.6	239	.03	511	.06	119	.02	6.9	.20	80	—
18889	0.6	9,711	1.01	2,387	.24	970	.11	>50	1.2	>10,000	.222
18890	0.6	16,748	1.53	15,025	1.31	14,474	1.37	>50	1.94	>10,000	.611
18891	0.6	8,252	.89	2,680	.24	1,348	.12	42.5	.83	3,390	.042
18912	0.8	—	.05	—	.57	—	.05	—	.37	—	.063
18913	1.0	—	.35	—	2.23	—	.08	—	.79	—	.110
18914	0.7	—	.17	—	.43	—	.01	—	.57	—	.318
18915	0.6	—	1.11	—	3.44	—	.12	—	12.8	—	2.108
18916	1.0	—	.7	—	4.4	—	.25	—	3.54	—	3.092
18917	1.0	—	.86	—	.83	—	.38	—	1.18	—	.224
18918	0.6	—	.11	—	.26	—	.02	—	.47	—	.108
18919	1.0	—	.03	—	.1	—	.01	—	.62	—	.276
18920	1.0	—	2.34	—	4.53	—	.03	—	6.79	—	7.394
18921	1.0	—	.06	—	.11	—	.01	—	.22	—	.030
18922	1.0	—	.27	—	.99	—	.03	—	1.37	—	.258
18923	1.0	—	.14	—	.12	—	.02	—	1.22	—	.242
18924	1.0	—	.47	—	.23	—	.01	—	1.0	—	.388
18925	1.0	—	.23	—	.63	—	.01	—	1.48	—	1.38
18926	0.8	—	.89	—	1.07	—	.01	—	2.43	—	.87
18927	1.0	—	1.07	—	.84	—	.01	—	1.69	—	1.274
18928	1.0	—	.40	—	.47	—	.02	—	1.26	—	.288
18929	1.0	—	.58	—	.36	—	.01	—	1.18	—	.508
18930	1.0	—	.13	—	.06	—	<.01	—	.50	—	.118
18931	1.0	—	.37	—	.12	—	.01	—	1.73	—	.346
18932	1.0	—	.12	—	.07	—	.01	—	.33	—	.052
18934	0.75	—	.06	—	.19	—	.05	—	.26	—	.072
18935	0.5	—	.05	—	.15	—	.02	—	.42	—	.046
18936	1.0	—	.58	—	.27	—	.01	—	1.91	—	.948
18937	1.3	—	.07	—	.04	—	.03	—	.10	—	.020
18938	1.0	—	.12	—	.08	—	.01	—	.81	—	.170
18939	1.3	—	.42	—	.11	—	<.01	—	1.26	—	.684
18940	1.0	—	.42	—	.21	—	<.01	—	1.33	—	.772
18941	1.0	—	.45	—	.17	—	<.01	—	.56	—	.500
18942	0.5	—	.13	—	.18	—	<.01	—	1.0	—	.400
18943	1.0	—	1.02	—	.27	—	<.01	—	1.98	—	.982
18944	1.0	—	.68	—	.49	—	.01	—	.94	—	.562
18945	0.5	—	.78	—	.38	—	.01	—	1.57	—	.488
18946	1.0	—	1.49	—	3.49	—	.72	—	2.47	—	.678
18947	1.0	—	.40	—	1.15	—	.90	—	1.48	—	.154

LEGEND —

- Outline of vein, undefined
- Chip sample
- Panel sample
- 18922 / 1.0 — Sample number / width(metres)
- Diamond Drill Hole

2 1 0 2 m

Scale 1:100

CREST RESOURCES LTD.
MAGENTA DEVELOPMENT CORP.

PHIZ PROJECT

DETAILED TRENCH ASSAY PLAN MAP

TR88-1 & TR88-4

PAMICON DEVELOPMENTS LTD.

Geologist:	NTS:	Date:	FIGURE:
L. Scroggins	104B/11	Jan. 1989	28

9.0 DRILLING

Upon completion of the surface trenching a short diamond drilling program commenced. Fifteen holes totalling 3,116 feet (950 metres) were drilled from mid-November to mid-December.

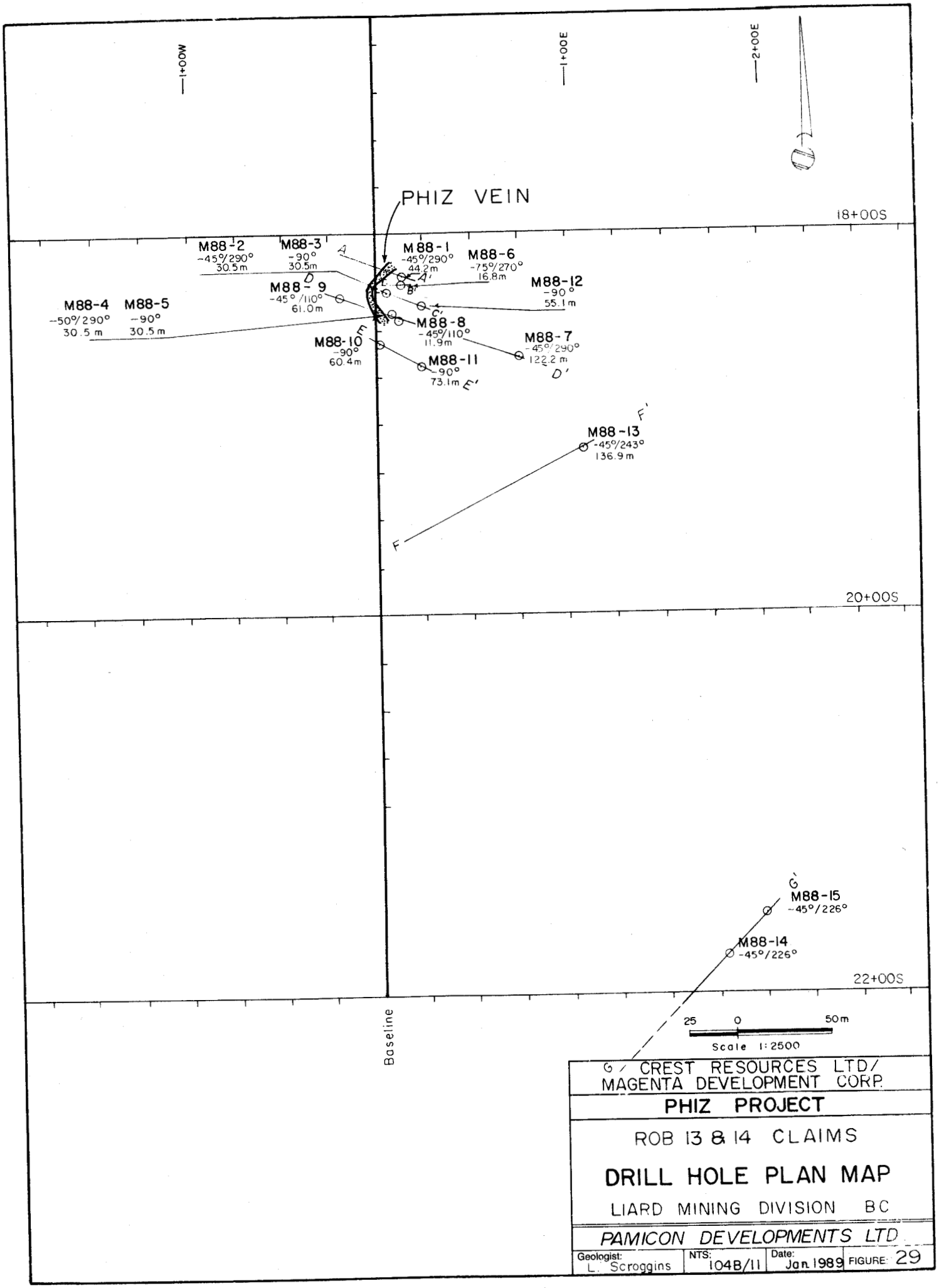
The first six holes were collared 7 to 8 metres east of the vein/hanging wall contact and were directed at the vein. Holes M88-2 and M88-3 (Figure 32) and M88-4 and M88-5 (Figure 33) intersected mineralized quartz vein material and returned encouraging results listed below.

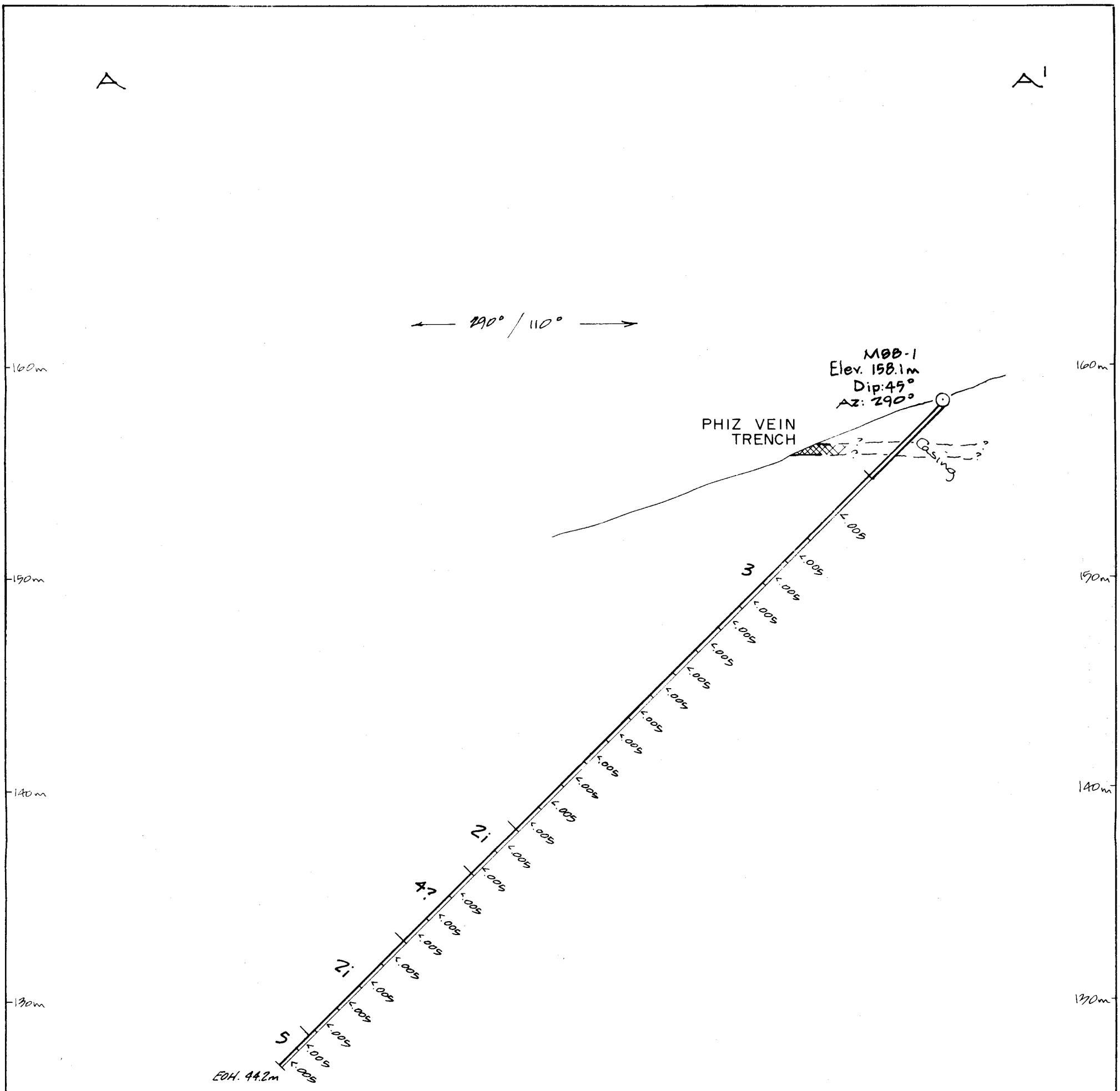
Hole	Interval (m)	Length (m)	Gold (oz/ton)	Silver (oz/ton)	Copper (%)	Lead (%)	Zinc (%)
M88-2	4.4 - 5.2	0.8	.166	1.42			
	5.2 - 5.8	0.6	.064	.30			
M88-3	3.4 - 4.2	0.8	.498	1.04	.36	.38	.01
	4.2 - 5.7	1.5	.026	.07			
M88-4	6.6 - 7.9	1.3	.086	1.04	1.10		
	7.9 - 8.7	0.8	.426	5.86	1.11	3.89	.44
	8.7 - 9.7	1.0	.033	.46			
M88-5	4.7 - 5.2	0.5	.394	2.45	2.07	1.09	.06

Holes M88-1 (Figure 30) and M88-6 (Figure 31) did not intersect vein material, however, quartz pebbles recovered from the casing indicated that the vein was closer to surface than anticipated and was cased through.

Hole M88-7 was a 65 metre step out to the east of the vein, along section D-D' (Figure 33). This hole encountered a variety of rock types, however no significant results were obtained.

Holes M88-8 and M88-9 are also located along section D-D'. M88-8 was collared a few metres to the east of M88-4 and M88-5 and the hole was directed away from the vein (see Figure 33). Mineralized quartz vein was intersected for


1+00W
1+00E
2+00E
PHIZ VEIN
18+00S
M88-2
-45°/290°
30.5m
M88-3
-90°
30.5m
M88-1
-45°/290°
44.2m
M88-6
-75°/270°
16.8m
M88-12
-90°
55.1m
M88-9
-45°/110°
61.0m
M88-4
-50°/290°
30.5 m
M88-5
-90°
30.5 m
M88-8
-45°/110°
11.9m
M88-7
-45°/290°
122.2 m
M88-10
-90°
60.4m
M88-11
-90°
73.1m
M88-13
-45°/243°
136.9 m
20+00S
M88-15
-45°/226°
M88-14
-45°/226°
22+00S
Baseline
25 0 50m
Scale 1:2500
CREST RESOURCES LTD/
MAGENTA DEVELOPMENT CORP.
PHIZ PROJECT
ROB 13 & 14 CLAIMS
DRILL HOLE PLAN MAP
LIARD MINING DIVISION BC
PAMICON DEVELOPMENTS LTD
Geologist: L. Scroggins
NTS: 104B/11
Date: Jan. 1989
FIGURE: 29



LEGEND ~

INTRUSIVE

1 - Diorite

2 - Monzonite

META-VOLCANICS/SEDIMENTS

3 - Amphibolite 3a Porphyritic amphibolite

4 - Andesite

5 - Argillite 5a Black-graphitic-argillite

ALTERATION

i - ankerite veins abundant

ii - argillic alteration

iii - silicification

iv - hornfels

SS - fault

.26/1.30/0.4/0.75/0.20 - Sample interval, Au(oz/t)/Ag(oz/t)/Cu(%)/Pb(%)/Zn(%)

- Quartz vein (inferred)

4 2 0 4m
Scale 1:200

CREST RESOURCE LTD./
MAGENTA DEVELOPMENT CORP.

PHIZ PROJECT

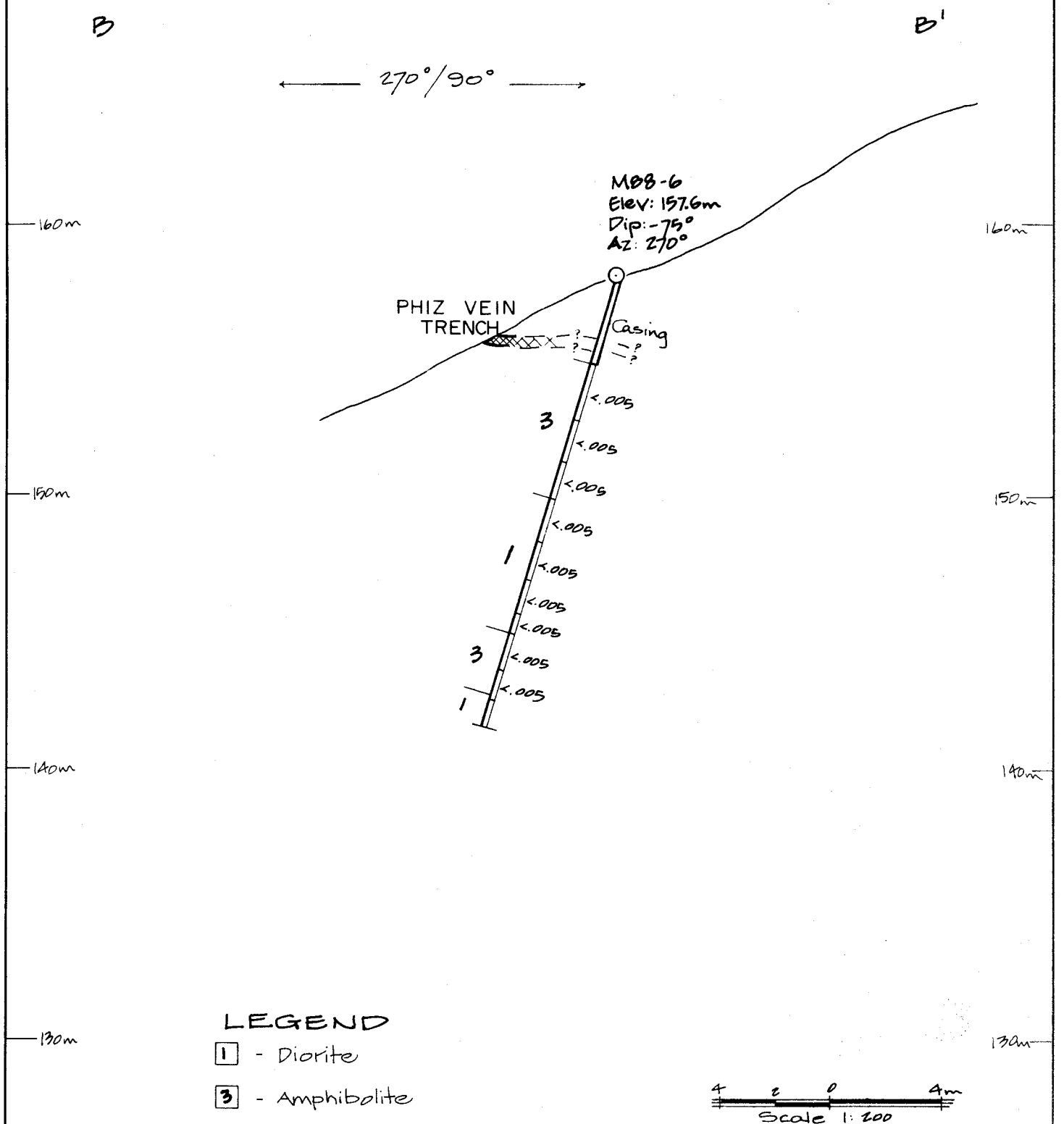
ROB 13 & 14 CLAIMS

SECTION A - A'
M88 - 1

LIARD MINING DIVISION BC

PAMICON DEVELOPMENTS LTD.

Geologist:	NTS:	Date:	FIGURE:
L. Scroggins	104B/11	Jan. 1989	30



CREST RESOURCE LTD./
MAGENTA DEVELOPMENT CORP.

PHIZ PROJECT

ROB 13 & 14 CLAIMS

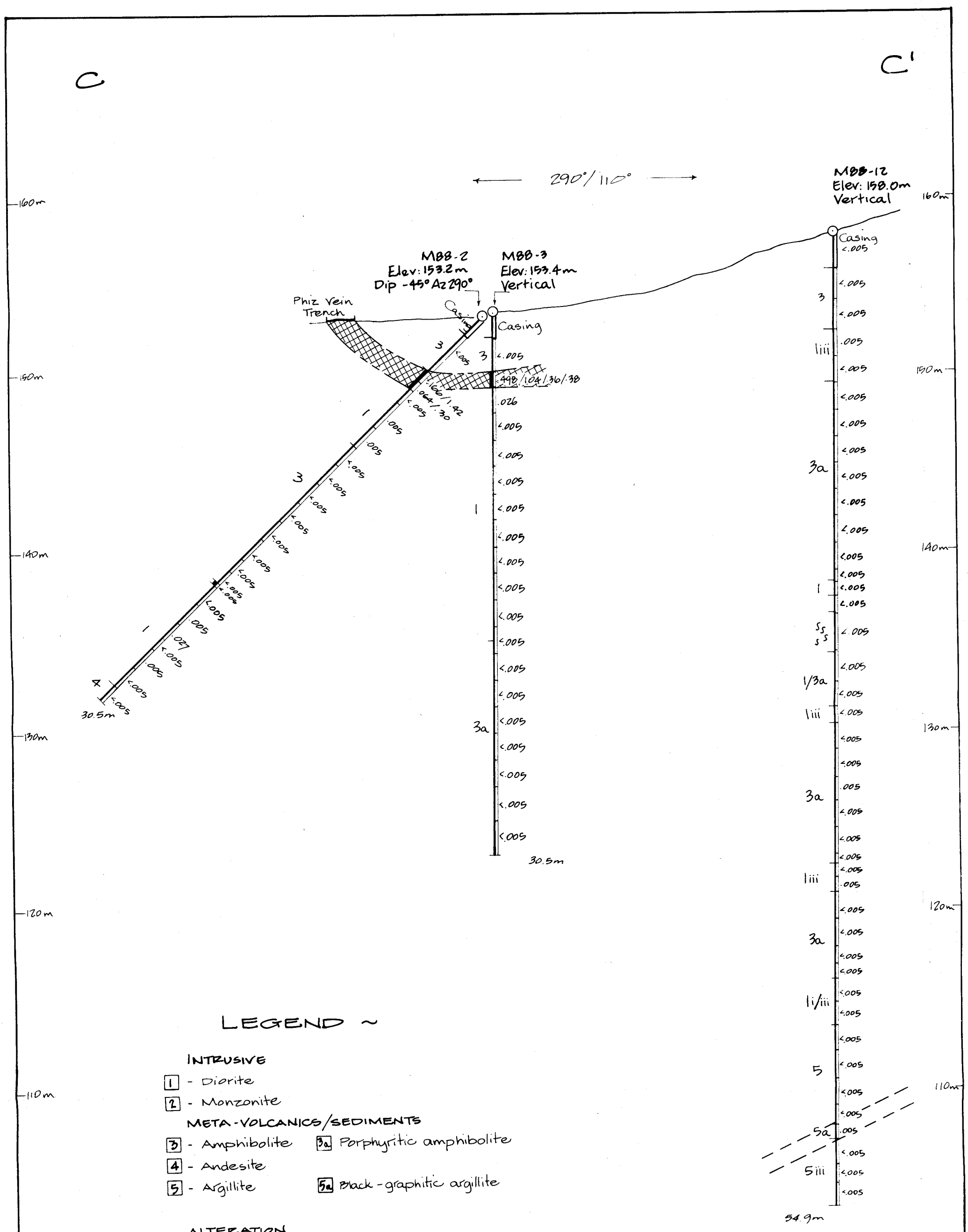
SECTION B - B'

M88-6

LIARD MINING DIVISION BC

PAMICON DEVELOPMENTS LTD.

Geologist:	NTS:	Date:	FIGURE:
L. Scroggins	104B/11	Jan. 1989	31



LEGEND ~

INTRUSIVE

- 1 - Diorite
- 2 - Monzonite

META-VOLCANICS/SEDIMENTS

- 3 - Amphibolite
- 3a Porphyritic amphibolite
- 4 - Andesite
- 5 - Argillite
- 5a Black-graphitic argillite

ALTERATION

- i - ankerite veins abundant
- ii - argillic alteration
- iii - silicification
- iv - hornfels

ss - fault

.26/1.30/0.40/0.75/0.20 - Sample interval, Au (oz/t)/Ag (oz/t)/Cu (%)/Pb (%)/Zn (%)

- Quartz vein (inferred)

- - - - Geological contact (inferred)

4 2 0 4m
Scale 1:200

CREST RESOURCE LTD./
MAGENTA DEVELOPMENT CORP.

PHIZ PROJECT

ROB 13 & 14 CLAIMS

SECTION C - C'

M88 - 2, 3, 12

LIARD MINING DIVISION BC

PAMICON DEVELOPMENTS LTD.

Geologist:	NTS:	Date:	FIGURE:
L. Scroggins	104B/11	Jan.1989	32

1.2 metres, however the results are somewhat lower than Holes M88-2 to M88-5. The footwall to the vein in M88-8 is a silicified/altered diorite in which a narrow zone of massive sulphides was located which contained higher gold/silver values than the quartz vein directly above. The following table represents these results.

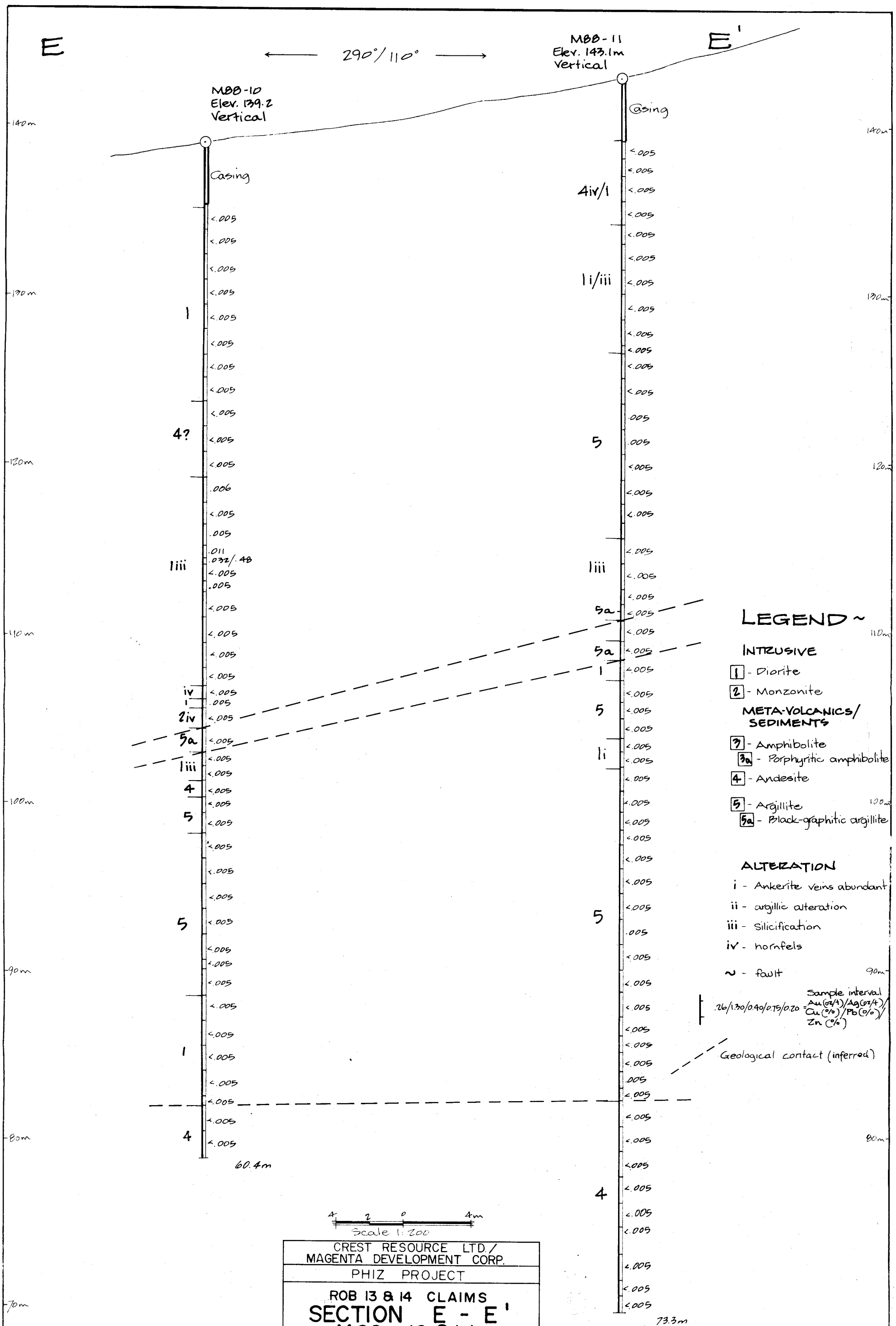
Hole	Interval (m)	Length (m)	Gold (oz/ton)	Silver (oz/ton)	Copper (%)	Lead (%)	Zinc (%)
M88-8	4.6 - 5.2	0.6	.022	.26			
	5.2 - 5.8	0.6	.013	.15			
	5.8 - 6.5	0.7	.205	.57	.57	1.45	2.18
	6.7 - 7.3	0.8	.023	.28			

(average grade = .068 oz/ton Au; 0.32 oz/ton Ag over 2.7 metres)

M88-9 was collared along section D-D' and directed at the Phiz Vein from the west (Figure 33). There was no vein intersection in this hole however some zones of silicified diorite returned anomalous gold and silver values as listed below.

Hole	Interval (m)	Length (m)	Gold (oz/ton)	Silver (oz/ton)	Copper (%)	Lead (%)
M88-9	11.7 - 12.3	0.6	.049	.82	.12	.31
	22.5 - 24.0	1.5	.015	.13		
	24.0 - 25.5	1.5	.011	<.01		
	25.5 - 27.0	1.5	.022	.01		
	27.0 - 28.5	1.5	.031	.15		
	28.5 - 29.4	0.9	.016	.12		

M88-10 and M88-11, along section E-E' (Figure 34), were drilled approximately 20 metres south of section D-D' (see Figure 29). Both holes were vertical and were drilled to test the vein to the south of the main Phiz Vein as defined by trenching. Neither of the holes intersected the vein, however M88-10 did return anomalous results. Elevated gold and silver values occurred within a zone of silicified diorite and are listed below.


E
E'
290°/110°
M88-10
Elev. 139.2
Vertical
M88-11
Elev. 143.1m
Vertical
Casing
Casing
140m
130m
120m
110m
100m
90m
80m
70m
60.4m
73.3m
LEGEND ~
INTRUSIVE
1 - Diorite
2 - Monzonite
META-VOLCANICS/ SEDIMENTS
3 - Amphibolite
3a - Porphyritic amphibolite
4 - Andesite
5 - Argillite
5a - Black-graphitic argillite
ALTERATION
i - Ankerite veins abundant
ii - argillic alteration
iii - Silicification
iv - hornfels
~ - fault
.26/1.30/0.40/0.75/0.20 = Sample interval Au(oz/t)/Ag(oz/t)/Cu(%)/Pb(%)/Zn(%)
Geological contact (inferred)
Scale 1:200
CREST RESOURCE LTD./ MAGENTA DEVELOPMENT CORP.
PHIZ PROJECT
ROB 13 & 14 CLAIMS
SECTION E - E'
M88 - 10 & 11
LIARD MINING DIVISION BC
PAMICON DEVELOPMENTS LTD.
Geologist: L. Scroggins
NTS: 104B/11
Date: Jan. 1989
FIGURE: 34

Hole	Interval (m)	Length (m)	Gold (oz/ton)	Silver (oz/ton)	Copper (%)
M88-10	24.1 - 24.8	0.7	.011	.04	.04
	24.8 - 25.2	0.4	.032	.48	.24

Drill hole M88-13 was collared some 130 metres southeast of the main drilling area to test the proposed geochemical anomaly outlined on Figure 7. This location also lies 285 metres north-northwest of the gold geochemical anomaly within the 22 Grid area. The hole was drilled at -45 at azimuth 243° to a depth of 136.9 metres. An interesting intersection was encountered at 46.7 metres within altered diorite, where a 10 cm quartz-sulphide vein with pyrite and galena was observed. Further down the hole at 94.0 metres another quartz-sulphide vein/veinlet (1 cm wide) was seen. Results from these two intersections are listed below.

Hole	Interval (m)	Length (m)	Gold (oz/ton)	Silver (oz/ton)	Copper (%)	Lead (%)
M88-13	46.7 - 47.3	0.6	.138	3.95	.02	24
	93.1 - 94.6	1.5	.026	1.19		

Holes M88-14 and M88-15 are located within the 22 grid area 25 metres and 50 metres respectively northeast of the strong gold-silver soil geochemical anomaly (Figure 37). Both holes were set up to drill through the anomaly in a southwesterly direction.

M88-14 intersected a gold zone at 10.1 metres within the diorite.

Hole	Interval (m)	Length (m)	Gold (oz/ton)	Silver (oz/ton)
M88-14	10.1 - 11.6	1.5	.136	.05
	11.6 - 13.1	1.5	.027	.01

M88-15 did not produce any significant results.

Drilling to date on the Phiz Vein and associated geochemical anomalies has shown the host rocks and structure to be quite complex. Outcrop adjacent to the Phiz Vein indicated the vein was hosted in strongly sheared and foliated altered meta-volcanics. Holes drilled within the vicinity of the vein were collared in a dark green, fine-grained, silicified and altered andesite. Petrographic analysis has labelled these rocks as amphibolite. A diorite plug exists in the area and has been intersected in most holes. The diorite is strongly altered and silicified. Petrographic studies of these diorites has suggested that due to the strong foliation and alteration of these rocks, it is likely that strong cataclastic deformation has taken place in this region. This style of metamorphism is caused by a local thrust event. The Iskut River valley, located 2.5 kilometres to the north, has been referred to as the expression of an east-west structural thrust fault by Grove (1986). This event could likely have caused the type of deformation seen at the Phiz Vein zone.

Altered volcanics, predominantly andesite, occur along with a package of banded and black graphitic argillites.

10.0 DISCUSSION AND CONCLUSIONS

During the 1988 field season a cut grid was established to cover the majority of the Rob 13 and 14 mineral claims. A geochemical sampling, prospecting and geological mapping program was successful in the delineation of two significant gold anomalies while prospecting led to the discovery of gold mineralization within the Phiz Vein.

Follow-up trenching of the Phiz Vein has uncovered the structure for over some 80 feet of strike length with widths ranging between 3 and 10 feet.

The mineralization consists of pyrite, chalcopyrite, galena and chalcocite (?) which occurs from disseminated to locally massive within the quartz vein.

Channel sampling of the exposed vein has returned extremely encouraging values for gold and silver with associated copper and lead results.

Individual channel sample results range from .023 oz/ton Au over 1.0 metre to 7.394 oz/ton Au over 1.0 metre.

A diamond drilling program of 15 holes for a total of 3,116 feet was completed in December, 1988.

The initial drilling was concentrated in the vicinity of surface exposure of the vein in an attempt to define attitudes and structural controls. Several holes were successful in obtaining vein intersections which returned encouraging gold/silver values, although of lower grade than reported from surface. The best intersections which were obtained were in holes M88-3, M88-4 and M88-5 as shown below:

Hole	Interval (metres)	Length (metres)	Gold (oz/ton)
M88-3	3.4 - 5.7	2.3	0.190
	includes 3.4 - 4.2	0.8	0.498
M88-4	6.6 - 9.7	3.1	0.157
	includes 7.9 - 8.7	0.8	0.426
M88-5	4.7 - 5.2	0.5	0.394

Holes M88-13 to 15 were drilled to test a strong gold-silver geochemical anomaly trending southeast from the Phiz Vein area. M88-13 was a broad step out on this geochemical target and encountered a narrow quartz-sulphide vein (10 cm wide) containing pyrite and galena. Assays are encouraging although the zone is quite narrow.

The Phiz Vein is an exciting new gold discovery in the emerging Iskut River Gold Camp. Widths and grades reported to date indicate the Phiz structure has the potential to be of significant economic importance. A program of continued exploration is recommended on the Rob 13 and 14 claim for the 1989 field season.

11.0 RECOMMENDATIONS

A two-phase program totalling $500,000 has been recommended on Crest Resources Ltd./Magenta Development Corp.'s Phiz project. These programs have been outlined to obtain detailed geochemical and geophysical data to aid in the development of the Phiz vein and complete the surface work on the balance of the claim group.

PHASE I

1. Linecutting on the grid should continue to provide 100 metre crosslines with stations every 25 metres, for a total of 30 line kilometres of grid.

2. Geochemical soil survey on all crosslines every 25 metres. Detail grids (12.5 metre spacings) should be flagged over any interesting soil anomalies or mineralized zones. Proper sampling techniques must be employed in this area due to thick overburden.

3. Geophysical work consisting of magnetometer and VLF-electromagnetic surveys should be conducted over the entire property. Data should be compiled and reviewed daily to allow for immediate additional work in areas of interest defined by these surveys.

4. Hand trenching and blasting at the '22' gold soil anomaly will be necessary to evaluate the possibility that a mineralized zone is located in

this area. Hand trenching other possible geochemical soil anomalies will be decided in the field.

5. A professional faller will be required sporadically during both phases. Several trees fallen in the vicinity of the Phiz vein will also need to be bucked up and moved.

The total cost of this phase is $183,779.

PHASE II

1. A program of detailed trenching will be carried out around the Phiz vein using a heli-portable, simulated backhoe on articulating wheels assuming one is available at Bronson Creek. This machine (Menzi Mucker) is considered suitable for the type of terrain in which the Phiz vein lies.

2. A 3,000 foot (915 metre) diamond drill program is proposed to further test the gold-bearing structure revealed to date in order to evaluate the economic significance of the claims.

The total cost of this phase is $315,681.

PHASE I BUDGET

Wages		
Senior Geologist - 6 days @ $400	$ 2,400	
Field Geologist - 10 days @ $300	3,000	
Prospector - 7 days @ $265	1,855	
Samplers - 2 x 20 days @ $225	9,000	
Trenchers - 2 x 10 days @ $225	4,500	
		$ 20,755
Project Supervision		12,525
Man Day Camp Cost - 180 days @ $125		22,500
Helicopter - 1.5 hours/day x 20 days = 30 hours @ $600		18,000
Fixed Wing		5,000
Linecutting - 20 km @ $1,200/km		24,000
Geophysics (Mag and VLF over 45 km) - 20 days @ $600		12,000
Freight		2,000
Equipment Rental and Expendible Supplies		5,000
Communication		2,500
Travel and Accommodation		5,000
Assays		
800 soils @ $17.50	$14,000	
100 rock @ $20	2,000	
		16,000
		145,280
Contingency @ 10%		14,528
		159,808
Management Fee		23,971
Total Estimated Budget - Phase I		$183,779

PHASE II BUDGET

Wages		
Senior Geologist - 10 days @ $400	$ 4,000	
Field Geologist - 25 days @ $300	7,500	
Samplers - 2 x 25 days @ $225	11,250	
Fallers (pad cutter) - 7 days @ $300	2,100	
		$ 24,850
Project Supervision		19,200
Man Day Camp Cost - 280 days @ $125		35,000
Drilling		
1,750 feet @ $30	$52,500	
Mob and demob	5,000	
		57,500
Helicopter		
2.5 hours/day x 30 days = 75 hours @ $600		45,000
Backhoe		
Mob and demob from Bronson airstrip to property	$10,000	
15 days @ $1,000	15,000	
		25,000
Fixed Wing		
Supply flight	$ 5,000	
Mob and demob drill	5,000	
		10,000
Freight		2,000
Equipment Rental		5,000
Supplies		1,000
Communication		3,000
Travel and Accommodation		5,000
Assays		
100 rock @ $20	$ 2,000	
600 core @ $25	15,000	
		17,000
		249,550
Contingency @ 10%		24,955
		274,505
Management Fee		41,176
Total Estimated Budget - Phase II		$315,681

TOTAL RECOMMENDED BUDGET - PHASES I AND II

Estimated Budget - Phase I	$183,779		
- Phase II	315,681		
Total Estimated Budget	$499,460	say	$500,000

Respectfully submitted,

Elizabeth A. Scroggins

Elizabeth A. Scroggins, Geologist

Charles K. Ikona, P.Eng.

APPENDIX I

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BIBLIOGRAPHY

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APPENDIX II

COST STATEMENT

COST STATEMENT

ROB 13 AND 14 MINERAL CLAIMS

LIARD MINING DIVISION

JULY 5 TO NOVEMBER 30, 1988

WAGES		
Senior Geologist - 32.5 days @ $350	$11,375.00	
Field Geologist - 139 days @ $265	36,835.00	
Prospectors - 43.5 days @ $265	11,527.50	
Samplers - 93 days @ $225	20,925.00	
Line Cutters - 113.5 days @ $300	34,050.00	
Pad Cutters - 22 days @ $350	7,700.00	
Field Support Crew	14,902.60	
		$137,315.10
Project Supervision		23,687.92
EXPENSES		
Man Day Camp Support Costs		89,750.00
Equipment and Supplies		10,262.50
Fixed Wing		30,983.36
Helicopter		55,342.45
Assays		10,803.40
Travel and Accommodation		3,871.00
Communication and Telephone		2,052.31
Freight		1,377.62
Explosives		2,000.00
Drilling		90,266.93
Drill Material		1,234.64
Drill Fuel		4,045.19
Drill Rental		1,950.00
		$464,942.42

APPENDIX IIIa

ASSAY CERTIFICATES
SOIL AND SILT ASSAYS

VGC

VANGEOCHEM LAB LIMITED

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

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

SAMPLE #		Au ppb
MS L4+00N	1+25W	10
MS L4+00N	1+50W	5
MS L4+00N	1+75W	5
MS L4+00N	2+00W	5
MS L4+00N	2+25W	20
MS L4+00N	2+50W	10
MS L4+00N	2+75W	15
MS L4+00N	3+00W	20
MS L4+00N	3+25W	25
MS L4+00N	3+50W	10
MS L4+00N	3+75W	15
MS L4+00N	4+00W	5
MS L4+00N	4+25W	20
MS L4+00N	4+50W	15
MS L4+00N	4+75W	25
MS L4+00N	5+00W	15
MS L4+00N	5+25W	15
MS L4+00N	5+50W	25
MS L4+00N	5+75W	10
MS L4+00N	6+00W	5
MS L4+00N	6+25W	25
MS L6+00N	3+00W	25
MS L6+00N	3+25W	20
MS L6+00N	3+50W	30
MS L6+00N	3+75W	20
MS L6+00N	4+00W	10
MS L6+00N	4+25W	10
MS L6+00N	4+50W	10
MS L6+00N	4+75W	15
MS L6+00N	5+00W	10
MS L6+00N	5+25W	15
MS L6+00N	5+50W	10
MS L6+00N	5+75W	10
MS L6+00N	6+00W	5
MS L6+00N	6+25W	10
MS TL0+00	0+25N	5
MS TL0+00	0+50N	5
MS TL0+00	0+75N	15
MS TL0+00	1+00N	15
DETECTION LIMIT		5

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

VGC

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

SAMPLE #		Au ppb
MS TL0+00	1+25N	10
MS TL0+00	1+50N	5
MS TL0+00	1+75N	10
MS TL0+00	2+00N	20
MS TL0+00	2+25N	10
MS TL0+00	2+50N	15
MS TL0+00	2+75N	20
MS TL0+00	3+00N	10
MS TL0+00	3+25N	15
MS TL0+00	3+50N	25
MS TL0+00	3+75N	10
MS TL0+00	4+00N	10
MS TL0+00	4+25N	10
MS TL0+00	4+50N	15
MS TL0+00	4+75N	10
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MS TL0+00	5+25N	20
MS TL0+00	5+50N	15
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MS TL0+00	0+00S	10
MS TL0+00	0+25S	10
MS TL0+00	0+50S	10
MS TL0+00	0+75S	5
MS TL0+00	1+00S	5
MS TL0+00	1+25S	10
MS TL0+00	1+50S	15
MS TL0+00	1+75S	15
MS TL0+00	2+00S	15
MS TL0+00	2+75S	5
MS TL0+00	3+00S	10
DETECTION LIMIT		5

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

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SAMPLE #		Au ppb
MS TL0+00	3+25S	15
MS TL0+00	3+50S	20
MS TL0+00	3+75S	15
MS TL0+00	4+00S	5
MS TL0+00	4+25S	5
MS TL0+00	4+50S	5
MS TL0+00	4+75S	15
MS TL0+00	5+00S	10
MS TL0+00	5+25S	10
MS TL0+00	5+50S	15
MS TL0+00	5+75S	20
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MS TL0+00	6+25S	10
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MS TL0+00	8+50S	15
MS TL0+00	8+75S	20
MS TL0+00	9+50S	15
MS TL0+00	9+75S	10
MS TL0+00	10+00S	15
MS TL0+00	10+25S	10
MS TL0+00	10+50S	15
MS TL0+00	10+75S	20
MS TL0+00	11+00S	15

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION: S TODORUK
PROJECT: MAJENTA

REPORT#: 881574 PA
JOB#: 881574
INVOICE#: 881574 NA

DATE RECEIVED: 88/10/23
DATE COMPLETED: 88/10/27
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
MS L4+00N 1+25W	.1	1.81	11	ND	169	ND	.30	.3	8	24	30	2.85	.14	.28	139	1	.02	14	.05	59	ND	ND	ND	3	22	ND	ND	107
MS L4+00N 1+50W	.1	1.99	9	ND	119	ND	.15	1.1	8	33	28	4.50	.17	.59	213	2	.02	15	.03	46	ND	ND	ND	4	12	ND	ND	119
MS L4+00N 1+75W	.1	1.57	8	ND	109	ND	.12	.3	4	24	20	3.23	.14	.19	66	1	.02	9	.02	40	ND	ND	ND	3	12	ND	ND	60
MS L4+00N 2+00W	.2	1.95	10	ND	113	ND	.15	.7	7	28	23	3.61	.14	.39	198	2	.02	13	.04	46	ND	ND	ND	3	12	ND	ND	118
MS L4+00N 2+25W	.1	2.30	11	ND	122	ND	.08	1.1	6	34	28	4.90	.20	.21	167	2	.02	10	.04	54	ND	ND	ND	4	10	ND	ND	85
MS L4+00N 2+50W	.1	4.84	13	ND	118	ND	.13	1.2	7	38	39	5.40	.20	.16	442	3	.03	15	.07	96	ND	ND	ND	4	12	ND	ND	116
MS L4+00N 2+75W	.1	2.14	10	ND	125	ND	.11	.6	6	32	30	5.11	.18	.16	133	2	.02	8	.04	52	ND	ND	ND	4	12	ND	ND	90
MS L4+00N 3+00W	.3	4.67	14	ND	144	ND	.10	.7	7	37	36	4.41	.18	.13	213	3	.02	17	.06	92	ND	ND	ND	4	12	ND	ND	132
MS L4+00N 3+25W	.1	3.69	10	ND	106	ND	.16	1.7	6	45	41	7.08	.28	.10	219	3	.02	10	.06	77	ND	ND	ND	4	11	ND	ND	93
MS L4+00N 3+50W	.2	4.25	16	ND	84	ND	.06	1.1	7	36	38	5.32	.18	.12	205	3	.02	13	.04	86	ND	ND	ND	6	7	ND	ND	122
MS L4+00N 3+75W	.1	2.86	11	ND	83	ND	.11	.3	6	28	26	3.09	.12	.21	390	2	.02	8	.04	62	ND	ND	ND	3	11	ND	ND	78
MS L4+00N 4+00W	.7	5.11	25	ND	150	ND	.06	.8	9	16	35	5.30	.19	.16	1083	4	.06	21	.05	113	ND	ND	ND	7	4	ND	ND	340
MS L4+00N 4+25W	.7	5.76	25	ND	85	3	.05	1.1	11	17	39	5.03	.18	.20	867	4	.08	12	.07	122	ND	ND	ND	6	5	ND	ND	184
MS L4+00N 4+50W	.1	3.70	12	ND	76	ND	.06	.8	5	37	28	5.14	.20	.09	308	3	.02	6	.05	78	ND	ND	ND	4	9	ND	ND	69
MS L4+00N 4+75W	.2	4.42	13	ND	131	ND	.06	1.7	6	44	31	6.65	.23	.08	212	3	.03	13	.06	93	ND	ND	ND	5	11	ND	ND	90
MS L4+00N 5+00W	.1	1.69	5	ND	70	ND	.04	.7	3	18	23	4.17	.14	.08	119	2	.02	4	.03	51	ND	ND	ND	6	7	ND	ND	50
MS L4+00N 5+25W	.1	2.67	6	ND	120	ND	.08	.7	4	32	26	3.79	.16	.07	102	2	.02	7	.05	62	ND	ND	ND	5	12	ND	ND	53
MS L4+00N 5+50W	.4	4.33	18	ND	126	ND	.10	.7	8	19	31	4.35	.16	.16	739	3	.05	15	.06	94	ND	ND	ND	5	6	ND	ND	228
MS L4+00N 5+75W	.1	3.85	10	ND	104	3	.27	1.7	6	36	36	6.78	.27	.12	521	5	.03	7	.07	87	ND	ND	ND	7	24	ND	ND	157
MS L4+00N 6+00W	.1	4.04	14	ND	102	ND	.15	.2	2	29	27	4.52	.17	.07	116	3	.02	6	.05	82	ND	ND	ND	4	11	ND	ND	79
MS L4+00N 6+25W	.5	4.58	12	ND	121	4	.11	1.5	15	61	57	6.06	.22	.56	256	3	.03	35	.06	86	ND	ND	ND	9	12	ND	ND	105
MS L6+00N 3+00W	.1	1.64	5	ND	95	ND	.11	.2	4	25	23	3.14	.12	.29	106	1	.01	12	.02	38	ND	ND	ND	2	12	ND	ND	53
MS L6+00N 3+25W	.1	4.02	16	ND	84	ND	.13	1.1	5	39	35	5.30	.22	.16	149	3	.02	11	.04	82	ND	ND	ND	5	11	ND	ND	99
MS L6+00N 3+50W	.1	6.13	14	ND	97	ND	.13	1.1	7	50	41	5.92	.22	.17	351	3	.03	18	.07	116	ND	ND	ND	4	11	ND	ND	127
MS L6+00N 3+75W	.1	2.87	19	ND	96	ND	.08	.8	7	40	43	6.92	.24	.11	397	3	.03	10	.05	75	ND	ND	ND	8	9	ND	ND	88
MS L6+00N 4+00W	.1	3.60	12	ND	228	ND	.27	1.1	11	29	41	4.41	.21	.45	2611	3	.07	21	.10	78	ND	ND	ND	5	23	ND	ND	240
MS L6+00N 4+25W	.3	3.36	15	ND	98	3	.06	1.4	7	45	37	7.23	.25	.26	217	3	.03	11	.03	79	ND	ND	ND	7	9	ND	ND	105
MS L6+00N 4+50W	.4	4.26	17	ND	126	ND	.05	.6	8	26	29	4.47	.18	.14	345	3	.04	14	.04	93	ND	ND	ND	5	7	ND	ND	170
MS L6+00N 4+75W	.2	7.32	19	ND	90	3	.09	2.2	5	64	44	8.02	.28	.11	152	4	.03	12	.05	136	ND	ND	ND	5	7	ND	ND	135
MS L6+00N 5+00W	.7	5.61	22	ND	93	ND	.04	.5	10	29	31	4.74	.16	.19	412	4	.04	21	.04	115	ND	ND	ND	6	4	ND	ND	331
MS L6+00N 5+25W	.1	6.37	12	ND	93	ND	.14	.5	6	43	35	4.78	.18	.10	396	3	.02	12	.09	110	ND	ND	ND	3	10	ND	ND	115
MS L6+00N 5+50W	.5	6.03	19	ND	94	3	.05	1.5	8	45	40	7.19	.25	.12	398	4	.04	14	.05	122	ND	ND	ND	6	7	ND	ND	177
MS L6+00N 5+75W	.2	4.79	16	ND	83	ND	.04	1.5	4	42	40	6.85	.23	.08	260	3	.02	5	.06	103	ND	ND	ND	6	9	ND	ND	89
MS L6+00N 6+00W	1.3	2.82	14	ND	91	ND	.12	.3	6	25	27	3.37	.15	.24	212	2	.02	10	.06	62	ND	ND	ND	5	10	ND	ND	120
MS L6+00N 6+25W	.3	5.08	22	ND	102	ND	.10	.6	11	31	47	4.66	.17	.24	912	3	.04	19	.07	103	ND	ND	ND	6	12	ND	ND	234
MS TL0+00 0+25N	.7	6.84	21	ND	83	ND	.03	1.1	9	23	30	5.03	.17	.11	575	4	.04	17	.06	131	ND	ND	ND	5	2	ND	ND	249
MS TL0+00 0+50N	.1	1.43	5	ND	82	ND	.04	.2	3	17	16	2.84	.12	.08	76	2	.01	5	.03	39	ND	ND	ND	4	8	ND	ND	49
MS TL0+00 0+75N	.1	5.27	14	ND	105	ND	.05	.6	4	37	32	4.90	.19	.08	121	3	.02	13	.06	99	ND	ND	ND	5	7	ND	ND	84
MS TL0+00 1+00N	.2	4.55	18	ND	93	ND	.09	1.1	5	34	35	6.03	.24	.09	124	3	.02	11	.05	96	ND	ND	ND	7	12	ND	ND	105
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#: 881574 PROJECT: MAJENTA REPORT: 881574 PA

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
MS TL0+00 1+25N	.3	5.44	15	ND	88	3	.18	1.5	4	50	41	7.30	.23	.08	178	3	.03	11	.07	122	ND	ND	ND	5	12	ND	ND	111
MS TL0+00 1+50N	.3	3.83	13	ND	213	ND	.08	.6	5	29	30	4.36	.15	.18	299	3	.03	14	.04	92	ND	ND	ND	5	9	ND	ND	128
MS TL0+00 1+75N	.3	6.16	22	ND	66	ND	.07	.7	5	34	38	4.60	.14	.10	300	3	.03	19	.07	124	ND	ND	ND	4	6	ND	ND	180
MS TL0+00 2+00N	.4	5.11	18	ND	66	ND	.05	.5	6	27	31	4.52	.16	.09	217	3	.03	12	.05	115	ND	ND	ND	6	6	ND	ND	192
MS TL0+00 2+25N	.2	4.11	19	ND	91	ND	.06	.2	5	27	26	3.60	.11	.24	239	3	.03	15	.06	91	ND	ND	ND	4	8	ND	ND	149
MS TL0+00 2+50N	.1	3.42	14	ND	96	ND	.07	.7	4	29	29	4.42	.14	.11	141	3	.02	8	.05	81	ND	ND	ND	5	10	ND	ND	94
MS TL0+00 2+75N	.2	5.47	15	ND	123	ND	.06	1.1	7	42	41	5.85	.18	.09	267	3	.03	12	.06	116	ND	ND	ND	4	9	ND	ND	90
MS TL0+00 3+00N	.5	6.33	19	ND	101	ND	.10	1.1	7	31	41	5.01	.18	.10	333	4	.04	18	.06	133	ND	ND	ND	4	13	ND	ND	195
MS TL0+00 3+25N	.2	4.36	14	ND	66	3	.03	1.1	4	42	34	6.81	.21	.06	154	3	.03	9	.05	103	ND	ND	ND	7	6	ND	ND	88
MS TL0+00 3+50N	.1	4.08	15	ND	75	3	.02	1.5	4	41	37	7.81	.24	.06	114	3	.03	6	.04	104	ND	ND	ND	7	5	ND	ND	72
MS TL0+00 3+75N	.1	2.75	13	ND	86	ND	.08	.5	4	32	39	4.81	.17	.07	99	2	.02	5	.03	73	ND	ND	ND	5	14	ND	ND	62
MS TL0+00 4+00N	.1	3.59	10	ND	95	ND	.08	.2	4	24	24	3.20	.10	.10	96	2	.02	8	.05	81	ND	ND	ND	3	13	ND	ND	72
MS TL0+00 4+25N	.1	2.78	9	ND	97	ND	.05	.6	6	27	28	3.81	.12	.20	229	3	.02	11	.05	69	ND	ND	ND	4	8	ND	ND	88
MS TL0+00 4+50N	1.1	8.36	28	ND	65	ND	.03	1.1	6	27	33	5.54	.19	.09	280	4	.04	13	.05	160	ND	ND	ND	3	4	ND	ND	181
MS TL0+00 4+75N	.3	3.01	12	ND	108	ND	.08	.8	6	27	33	5.11	.16	.14	148	3	.03	12	.03	79	ND	ND	ND	5	12	ND	ND	101
MS TL0+00 5+00N	.5	5.99	23	ND	114	ND	.05	.7	5	32	35	5.69	.18	.12	245	4	.03	11	.06	128	ND	ND	ND	4	7	ND	ND	124
MS TL0+00 5+25N	.1	4.25	15	ND	94	ND	.03	.5	4	38	30	4.93	.15	.07	99	3	.02	9	.05	96	ND	ND	ND	3	7	ND	ND	57
MS TL0+00 5+50N	.9	4.00	16	ND	128	ND	.03	.7	6	12	24	5.03	.16	.13	796	3	.05	16	.03	100	ND	ND	ND	6	6	ND	ND	349
MS TL0+00 5+75N	.1	5.09	23	ND	94	ND	.15	.5	8	28	35	4.39	.16	.23	1181	3	.03	15	.09	105	ND	ND	ND	3	9	ND	ND	166
MS TL0+00 6+00N	3.4	6.07	16	ND	63	ND	.05	1.1	6	34	38	5.43	.17	.16	331	3	.03	11	.07	127	ND	ND	ND	4	5	ND	ND	144
MS TL0+00 6+25N	.1	2.12	13	ND	132	ND	.22	.2	9	28	25	3.32	.14	.37	2061	2	.02	27	.11	53	ND	ND	ND	2	15	ND	ND	142
MS TL0+00 6+50N	.9	6.11	22	ND	98	ND	.03	1.2	5	33	30	4.61	.15	.16	221	3	.03	20	.05	130	ND	ND	ND	4	6	ND	ND	227
MS TL0+00 6+75N	.3	2.57	4	ND	56	7	.03	2.1	5	32	44	10.10	.32	.07	106	5	.03	4	.02	85	ND	ND	ND	12	5	ND	ND	71
MS TL0+00 7+00N	.1	1.55	3	ND	117	ND	.12	.5	5	18	21	3.52	.13	.11	81	2	.02	9	.02	47	ND	ND	ND	3	15	ND	ND	75
MS TL0+00 7+25N	.4	4.50	13	ND	76	ND	.05	.5	6	31	35	4.99	.16	.12	127	3	.03	13	.03	104	ND	ND	ND	5	7	ND	ND	145
MS TL0+00 7+50N	.2	2.26	7	ND	54	ND	.03	.3	3	26	28	5.22	.17	.05	52	3	.02	3	.02	63	ND	ND	ND	5	6	ND	ND	48
MS TL0+00 7+75N	.2	3.10	11	ND	79	ND	.16	1.1	4	29	29	5.06	.18	.12	125	3	.02	8	.03	79	ND	ND	ND	4	12	ND	ND	92
MS TL0+00 8+00N	.4	5.22	13	ND	120	ND	.11	1.1	9	27	33	4.74	.17	.20	204	3	.04	19	.06	113	ND	ND	ND	4	11	ND	ND	177
MS TL0+00 0+00S	.1	2.70	8	ND	279	ND	.38	1.5	10	21	38	3.84	.19	.40	4042	3	.05	21	.15	65	ND	ND	ND	3	49	ND	ND	346
MS TL0+00 0+25S	.1	1.53	4	ND	75	ND	.04	.6	4	21	26	4.20	.14	.07	121	2	.02	5	.02	52	ND	ND	ND	5	8	ND	ND	50
MS TL0+00 0+50S	.1	3.76	7	ND	57	6	.03	2.1	3	45	39	8.67	.29	.06	146	4	.03	6	.05	96	ND	ND	ND	5	7	ND	ND	53
MS TL0+00 0+75S	.2	1.89	5	ND	83	ND	.05	.2	3	22	22	2.69	.09	.09	75	1	.01	7	.05	50	ND	ND	ND	3	9	ND	ND	39
MS TL0+00 1+00S	.1	1.34	3	ND	71	ND	.08	.7	4	20	25	4.58	.16	.09	144	2	.02	7	.03	48	ND	ND	ND	5	10	ND	ND	50
MS TL0+00 1+25S	.1	2.37	7	ND	57	ND	.07	.1	4	26	22	3.23	.11	.15	216	2	.02	9	.04	58	ND	ND	ND	3	8	ND	ND	60
MS TL0+00 1+50S	.2	3.09	5	ND	68	ND	.05	1.2	3	34	35	5.69	.19	.06	97	3	.02	5	.04	79	ND	ND	ND	4	7	ND	ND	55
MS TL0+00 1+75S	.1	5.66	9	ND	102	ND	.02	1.2	3	40	30	5.66	.19	.06	68	3	.02	8	.04	116	ND	ND	ND	3	5	ND	ND	51
MS TL0+00 2+00S	.1	2.20	7	ND	77	ND	.05	.5	4	23	25	4.66	.16	.08	58	2	.02	7	.03	60	ND	ND	ND	5	7	ND	ND	42
MS TL0+00 2+75S	.3	4.54	19	ND	76	ND	.10	.3	7	23	33	3.94	.14	.15	585	3	.03	12	.05	100	ND	ND	ND	4	7	ND	ND	131
MS TL0+00 3+00S	.2	2.82	7	ND	65	ND	.06	.5	3	23	24	3.53	.12	.09	121	2	.02	5	.04	64	ND	ND	ND	3	7	ND	ND	54
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: PAMICON JOB#: BB1574 PROJECT: MAJENTA REPORT: BB1574 PA

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
MS TL0+00 3+25S	.1	3.22	14	ND	89	ND	.09	.5	5	26	27	3.38	.13	.14	338	2	.02	14	.05	73	ND	ND	ND	3	11	ND	ND	86
MS TL0+00 3+50S	.3	2.56	16	ND	89	ND	.17	.3	6	25	24	3.35	.14	.20	866	2	.02	14	.05	64	ND	ND	ND	3	12	ND	ND	102
MS TL0+00 3+75S	.1	3.09	12	ND	62	ND	.07	.3	8	28	34	3.65	.13	.23	263	2	.02	13	.06	73	ND	ND	ND	4	8	ND	ND	76
MS TL0+00 4+00S	.1	2.63	9	ND	64	ND	.15	.6	5	24	22	3.27	.13	.14	220	2	.02	8	.05	64	ND	ND	ND	4	12	ND	ND	68
MS TL0+00 4+25S	.1	1.28	ND	ND	44	ND	.06	.2	3	17	18	2.41	.11	.09	55	1	.01	6	.03	39	ND	ND	ND	3	10	ND	ND	31
MS TL0+00 4+50S	.2	4.43	8	ND	41	ND	.06	.5	4	25	30	3.79	.13	.10	241	2	.02	8	.05	96	ND	ND	ND	4	6	ND	ND	82
MS TL0+00 4+75S	.1	5.39	18	ND	116	ND	.06	1.1	4	30	33	4.52	.16	.04	109	2	.02	9	.06	112	ND	ND	ND	4	12	ND	ND	55
MS TL0+00 5+00S	.2	1.19	5	ND	96	ND	.07	.1	3	10	18	1.67	.06	.05	43	1	.01	6	.03	37	ND	ND	ND	4	10	ND	ND	36
MS TL0+00 5+25S	.1	1.87	6	ND	82	ND	.09	.6	3	17	20	2.35	.09	.09	105	1	.01	9	.04	50	ND	ND	ND	3	13	ND	ND	59
MS TL0+00 5+50S	.5	8.95	18	ND	74	ND	.03	1.5	5	29	33	5.73	.20	.08	376	4	.03	10	.05	165	ND	ND	ND	3	8	ND	ND	112
MS TL0+00 5+75S	.2	3.82	15	ND	61	ND	.04	.5	4	23	22	3.36	.12	.08	125	2	.02	9	.03	84	ND	ND	ND	3	6	ND	ND	62
MS TL0+00 6+00S	.1	1.51	6	ND	55	ND	.03	.8	3	16	22	3.48	.12	.05	75	2	.01	5	.03	49	ND	ND	ND	5	6	ND	ND	39
MS TL0+00 6+25S	.4	4.34	14	ND	66	ND	.04	.7	4	19	24	3.55	.12	.09	165	2	.02	9	.05	96	ND	ND	ND	4	6	ND	ND	105
MS TL0+00 6+75S	.1	1.52	7	ND	73	ND	.04	.3	3	20	22	2.97	.10	.09	56	1	.01	8	.04	46	ND	ND	ND	4	8	ND	ND	36
MS TL0+00 7+00S	.2	4.94	11	ND	81	ND	.15	.7	5	26	28	3.73	.14	.11	193	2	.02	11	.06	103	ND	ND	ND	3	11	ND	ND	87
MS TL0+00 7+25S	.3	2.05	4	ND	56	ND	.07	.6	4	18	28	4.41	.16	.07	80	2	.02	5	.02	68	ND	ND	ND	8	7	ND	ND	54
MS TL0+00 8+25S	.3	3.45	3	ND	42	3	.04	1.6	4	28	36	7.25	.25	.06	88	3	.02	4	.04	95	ND	ND	ND	9	6	ND	ND	69
MS TL0+00 8+50S	.2	1.94	8	ND	28	ND	.03	.3	3	17	20	3.33	.11	.07	51	2	.02	6	.01	53	ND	ND	ND	4	5	ND	ND	31
MS TL0+00 8+75S	.2	.89	4	ND	36	ND	.04	.1	3	9	19	3.06	.11	.05	45	2	.01	4	.01	37	ND	ND	ND	6	7	ND	ND	25
MS TL0+00 9+50S	.2	1.51	ND	ND	41	ND	.02	1.1	4	14	23	3.66	.12	.04	64	2	.01	3	.03	54	ND	ND	ND	8	5	ND	ND	37
MS TL0+00 9+75S	.5	2.99	12	ND	68	ND	.04	.7	8	10	25	3.74	.13	.07	368	3	.03	23	.02	88	ND	ND	ND	9	5	ND	ND	221
MS TL0+00 10+00S	.2	3.11	8	ND	54	ND	.05	.6	3	19	22	3.37	.12	.07	111	2	.02	8	.04	73	ND	ND	ND	5	8	ND	ND	57
MS TL0+00 10+25S	.1	.91	ND	ND	33	ND	.06	.1	2	10	14	1.48	.05	.06	102	1	.01	6	.05	33	ND	ND	ND	4	6	ND	ND	38
MS TL0+00 10+50S	.2	2.64	5	ND	67	ND	.03	.5	3	15	19	2.80	.10	.06	93	1	.01	5	.04	65	ND	ND	ND	4	5	ND	ND	58
MS TL0+00 10+75S	.3	2.91	15	ND	61	ND	.03	.7	4	18	21	4.04	.14	.06	116	2	.02	6	.03	78	ND	ND	ND	6	5	ND	ND	61
MS TL0+00 11+00S	.1	1.50	9	ND	42	ND	.04	.3	3	14	23	2.96	.10	.06	98	2	.01	7	.05	52	ND	ND	ND	7	7	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

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REPORT NUMBER: 881555 GA JOB NUMBER: 881555 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
MS88 BL0+00	0+00S	5
MS88 BL0+00	0+25S	10
MS88 BL0+00	0+50S	15
MS88 BL0+00	0+75S	25
MS88 BL0+00	1+00S	25
MS88 BL0+00	1+25S	20
MS88 BL0+00	1+50S	25
MS88 BL0+00	1+75S	30
MS88 BL0+00	2+00S	15
MS88 BL0+00	2+25S	25
MS88 BL0+00	2+50S	10
MS88 BL0+00	2+75S	15
MS88 BL0+00	3+00S	25
MS88 BL0+00	3+25S	15
MS88 BL0+00	3+50S	20
MS88 BL0+00	3+75S	15
MS88 BL0+00	4+00S	20
MS88 BL0+00	4+25S	20
MS88 BL0+00	4+50S	15
MS88 BL0+00	4+75S	10
MS88 BL0+00	5+00S	15
MS88 BL0+00	5+25S	10
MS88 BL0+00	5+50S	25
MS88 BL0+00	5+75S	20
MS88 BL0+00	6+00S	20
MS88 BL0+00	6+25S	20
MS88 BL0+00	6+50S	20
MS88 BL0+00	6+75S	10
MS88 BL0+00	7+00S	15
MS88 BL0+00	7+25S	20
MS88 BL0+00	7+50S	10
MS88 BL0+00	7+75S	20
MS88 BL0+00	8+00S	25
MS88 BL0+00	8+25S	15
MS88 BL0+00	8+50S	15
MS88 BL0+00	8+75S	15
MS88 BL0+00	9+00S	20
MS88 BL0+00	9+25S	10
MS88 BL0+00	9+50S	20
DETECTION LIMIT		5

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

VGC

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881555 GA JOB NUMBER: 881555 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
MS88 BL0+00	9+75S	20
MS88 BL0+00	10+00S	10
MS88 BL0+00	10+25S	15
MS88 BL0+00	10+50S	10
MS88 BL0+00	10+75S	25
MS88 BL0+00	11+00S	25
MS88 BL0+00	11+25S	20
MS88 BL0+00	11+50S	30
MS88 BL0+00	11+75S	10

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION: S. TODORUK
PROJECT: MAJERTA

REPORT#: 881555PA
JOB#: 881555
INVOICE#: 881555NA

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

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
MS88BL0+000+00S	.2	1.80	13	ND	127	ND	.20	1.1	9	32	30	3.18	.13	.52	252	2	.01	30	.04	45	ND	ND	ND	2	14	ND	ND	85
MS88BL0+000+25S	.2	1.91	14	ND	145	ND	.18	.6	13	30	27	2.80	.12	.51	633	1	.01	23	.04	43	ND	ND	ND	2	13	ND	ND	112
MS88BL0+000+50S	.3	3.16	21	ND	126	ND	.14	1.1	11	34	37	3.77	.15	.39	739	2	.02	20	.05	66	ND	ND	ND	3	12	ND	ND	116
MS88BL0+000+75S	.2	1.57	12	ND	112	ND	.14	.5	8	27	27	3.23	.13	.42	347	2	.02	14	.03	41	ND	ND	ND	3	12	ND	ND	67
MS88BL0+001+00S	.5	3.87	24	ND	91	ND	.14	1.3	11	37	45	4.35	.17	.30	708	3	.02	25	.07	77	ND	ND	ND	3	10	ND	ND	124
MS88BL0+001+25S	.2	3.95	24	ND	168	ND	.15	1.2	6	30	41	4.47	.17	.14	356	3	.02	21	.06	81	ND	ND	ND	4	11	ND	ND	122
MS88BL0+001+50S	.1	2.10	9	ND	134	ND	.22	1.1	10	28	32	3.18	.14	.59	2300	3	.02	22	.16	46	ND	ND	ND	2	18	ND	ND	202
MS88BL0+001+75S	.2	2.87	18	ND	55	ND	.10	1.1	6	35	41	5.38	.20	.24	523	3	.02	10	.06	65	ND	ND	ND	4	8	ND	ND	88
MS88BL0+002+00S	.1	1.90	12	ND	85	ND	.11	.3	10	25	30	2.60	.11	.41	1242	2	.01	15	.06	41	ND	ND	ND	2	10	ND	ND	66
MS88BL0+002+25S	.1	2.92	19	ND	109	ND	.08	.8	4	35	45	5.19	.21	.12	176	3	.02	11	.04	63	ND	ND	ND	4	8	ND	ND	66
MS88BL0+002+50S	.1	3.37	23	ND	94	ND	.15	.5	9	27	34	3.29	.13	.25	587	3	.02	17	.05	66	ND	ND	ND	4	9	ND	ND	114
MS88BL0+002+75S	.5	4.35	26	ND	95	ND	.07	.4	7	26	40	3.93	.14	.17	482	3	.02	17	.07	86	ND	ND	ND	3	6	ND	ND	153
MS88BL0+003+00S	.2	3.01	14	ND	174	ND	.14	.6	7	32	36	3.93	.15	.32	325	3	.02	18	.07	61	ND	ND	ND	3	13	ND	ND	80
MS88BL0+003+25S	.1	1.71	9	ND	130	ND	.09	.6	4	26	22	3.04	.11	.27	97	1	.01	9	.03	39	ND	ND	ND	1	12	ND	ND	41
MS88BL0+003+50S	.1	1.87	6	ND	92	ND	.07	.1	4	28	27	2.74	.10	.26	75	1	.01	12	.04	37	ND	ND	ND	1	11	ND	ND	33
MS88BL0+003+75S	.2	4.39	23	ND	99	ND	.12	.5	4	31	38	4.06	.15	.14	138	3	.02	14	.05	84	ND	ND	ND	3	12	ND	ND	74
MS88BL0+004+00S	.1	1.59	5	ND	104	ND	.12	.1	4	21	23	2.16	.09	.28	147	1	.01	9	.02	33	ND	ND	ND	1	12	ND	ND	38
MS88BL0+004+25S	.2	2.60	7	ND	127	ND	.20	.5	6	31	34	3.54	.15	.29	208	2	.01	18	.05	53	ND	ND	ND	2	13	ND	ND	75
MS88BL0+004+50S	.1	3.49	10	ND	93	ND	.09	.5	5	36	36	4.66	.17	.15	108	3	.02	14	.03	69	ND	ND	ND	3	8	ND	ND	74
MS88BL0+004+75S	.1	1.66	6	ND	119	ND	.14	.8	6	28	27	4.12	.16	.32	231	2	.01	11	.03	40	ND	ND	ND	3	11	ND	ND	65
MS88BL0+005+00S	.3	4.31	21	ND	126	ND	.16	1.2	7	35	40	4.77	.19	.15	200	3	.02	36	.05	83	ND	ND	ND	3	12	ND	ND	143
MS88BL0+005+25S	.1	2.56	13	ND	200	ND	.29	1.3	10	29	40	3.56	.17	.58	2078	3	.03	29	.11	56	ND	ND	ND	3	28	ND	ND	377
MS88BL0+005+50S	.1	3.66	15	ND	138	3	.11	1.5	5	39	35	6.06	.22	.10	146	4	.02	13	.04	76	ND	ND	ND	3	11	ND	ND	82
MS88BL0+005+75S	.5	5.38	32	ND	118	ND	.08	.5	7	31	36	4.69	.17	.13	181	4	.03	17	.07	101	ND	ND	ND	3	7	ND	ND	152
MS88BL0+006+00S	.3	3.07	21	ND	202	ND	.23	1.1	11	29	40	4.27	.18	.28	1256	3	.03	21	.08	66	ND	ND	ND	3	15	ND	ND	171
MS88BL0+006+25S	.5	4.73	23	ND	109	ND	.15	.5	4	30	31	3.89	.15	.18	144	3	.02	15	.07	87	ND	ND	ND	3	13	ND	ND	104
MS88BL0+006+50S	.5	4.39	20	ND	140	ND	.09	.9	6	33	34	4.88	.18	.13	138	4	.02	17	.05	85	ND	ND	ND	3	10	ND	ND	102
MS88BL0+006+75S	.1	2.23	11	ND	75	ND	.08	.4	3	26	28	3.64	.13	.09	93	2	.01	6	.04	50	ND	ND	ND	3	9	ND	ND	48
MS88BL0+007+00S	.1	2.48	9	ND	140	ND	.15	.6	8	28	26	4.08	.16	.20	317	2	.01	10	.04	55	ND	ND	ND	3	13	ND	ND	78
MS88BL0+007+25S	.1	2.09	10	ND	76	ND	.09	.5	4	27	27	4.31	.16	.13	181	2	.01	6	.06	51	ND	ND	ND	4	10	ND	ND	41
MS88BL0+007+50S	.1	1.36	ND	ND	96	ND	.09	.3	2	19	18	2.51	.10	.10	94	1	.01	5	.03	35	ND	ND	ND	2	10	ND	ND	23
MS88BL0+007+75S	.5	3.73	21	ND	102	ND	.08	.5	3	36	32	5.09	.18	.09	82	3	.02	10	.04	79	ND	ND	ND	3	10	ND	ND	80
MS88BL0+008+00S	.1	3.68	18	ND	93	ND	.08	.6	4	35	39	5.52	.20	.10	84	4	.02	10	.04	90	ND	ND	ND	4	9	ND	ND	90
MS88BL0+008+25S	.2	2.50	9	ND	177	ND	.18	.5	9	26	33	3.36	.14	.31	430	2	.02	15	.06	61	ND	ND	ND	3	15	ND	ND	126
MS88BL0+008+50S	.1	1.30	ND	ND	84	ND	.09	.1	2	15	17	1.62	.06	.13	58	1	.01	6	.05	46	ND	ND	ND	2	10	ND	ND	23
MS88BL0+008+75S	.2	1.14	4	ND	93	ND	.06	.1	3	13	12	1.40	.05	.12	96	1	.01	3	.02	30	ND	ND	ND	1	10	ND	ND	21
MS88BL0+009+00S	.1	1.14	ND	ND	86	ND	.11	.1	2	13	12	1.55	.07	.11	75	1	.01	4	.02	28	ND	ND	ND	1	10	ND	ND	25
MS88BL0+009+25S	.3	2.53	9	ND	127	ND	.14	.6	8	28	25	3.45	.14	.27	510	3	.02	15	.05	58	ND	ND	ND	4	13	ND	ND	139
MS88BL0+009+50S	.2	3.98	20	ND	83	ND	.11	.6	4	25	27	4.02	.17	.08	184	3	.02	9	.06	79	ND	ND	ND	3	10	ND	ND	89
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#: 881555 PROJECT: MAJERTA REPORT: 881555PA

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
MS88BL0+009+75S	.2	5.71	14	ND	129	ND	.10	1.3	5	37	65	4.47	.16	.08	179	3	.02	28	.07	143	ND	ND	ND	3	11	ND	ND	74
MS88BL0+0010+00S	.2	2.69	11	ND	54	ND	.09	.6	3	20	27	3.36	.12	.10	212	2	.02	6	.06	64	ND	ND	ND	5	8	ND	ND	57
MS88BL0+0010+25S	.7	6.08	23	ND	93	ND	.07	.9	6	24	39	4.70	.17	.15	493	4	.02	16	.07	113	ND	ND	ND	4	7	ND	ND	152
MS88BL0+0010+50S	.1	2.70	9	ND	85	ND	.10	.4	4	19	26	3.31	.12	.10	221	2	.02	9	.05	63	ND	ND	ND	4	9	ND	ND	82
MS88BL0+0010+75S	.1	6.02	24	ND	114	ND	.06	1.1	7	23	35	4.25	.15	.11	406	3	.02	16	.07	106	ND	ND	ND	3	6	ND	ND	149
MS88BL0+0011+00S	.5	3.67	12	ND	78	3	.08	1.1	6	26	32	5.53	.20	.07	257	4	.02	7	.05	85	ND	ND	ND	6	9	ND	ND	114
MS88BL0+0011+25S	.5	6.64	19	ND	124	ND	.43	1.8	8	25	29	5.78	.25	.11	253	4	.03	10	.08	124	ND	ND	ND	3	38	ND	ND	193
MS88BL0+0011+50S	.2	2.03	ND	ND	103	ND	.18	.8	10	19	22	3.41	.14	.15	229	3	.02	7	.03	54	ND	ND	ND	4	19	ND	ND	134
MS88BL0+0011+75S	.5	1.34	5	ND	81	ND	.11	.5	5	11	20	2.48	.10	.14	326	3	.02	5	.03	49	ND	ND	ND	7	12	ND	ND	118
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 881577 GA JOB NUMBER: 881577 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
MS88 BL 0+00	12+00S	10
MS88 BL 0+00	12+25S	10
MS88 BL 0+00	12+50S	5
MS88 BL 0+00	12+75S	15
MS88 BL 0+00	13+00S	15
MS88 BL 0+00	13+25S	5
MS88 BL 0+00	13+50S	15
MS88 BL 0+00	13+75S	20
MS88 BL 0+00	14+00S	10
MS88 BL 0+00	14+25S	15
MS88 BL 0+00	14+50S	25
MS88 BL 0+00	14+75S	20
MS88 BL 0+00	15+00S	15
MS88 BL 0+00	15+25S	15
MS88 BL 0+00	15+50S	5
MS88 BL 0+00	15+75S	20
MS88 BL 0+00	16+00S	10
MS88 BL 0+00	16+25S	25
MS88 BL 0+00	16+50S	10
MS88 BL 0+00	16+75S	10
MS88 BL 0+00	17+00S	nd
MS88 BL 0+00	17+25S	25
MS88 BL 0+00	17+50S	10
MS88 BL 0+00	17+75S	10
MS88 BL 0+00	18+00S	10
MS88 BL 0+00	18+25S	55
MS88 BL 0+00	18+50S	250
MS88 BL 0+00	18+75S	10
MS88 BL 0+00	19+00S	15
MS88 BL 0+00	19+25S	5
MS88 BL 0+00	19+50S	20
MS88 BL 0+00	19+75S	10
MS88 BL 0+00	20+00S	15
MS88 BL 0+00	20+25S	10
MS88 BL 0+00	20+50S	15
MS88 BL 0+00	20+75S	20
MS88 BL 0+00	21+00S	25
MS88 L 4+00S	0+50E	20
MS88 L 4+00S	0+75E	nd
DETECTION LIMIT		5

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

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REPORT NUMBER: 881577 GA JOB NUMBER: 881577 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
MS88 L 4+00S	1+00E	10
MS88 L 4+00S	1+25E	5
MS88 L 4+00S	1+50E	15
MS88 L 4+00S	1+75E	15
MS88 L 4+00S	2+00E	10
MS88 L 4+00S	2+25E	10
MS88 L 4+00S	2+50E	10
MS88 L 4+00S	2+75E	20
MS88 L 4+00S	3+00E	10
MS88 L 4+00S	3+25E	20
MS88 L 4+00S	3+50E	15
MS88 L 4+00S	3+75E	5
MS88 L 4+00S	4+00E	15
MS88 L 4+00S	0+25W	20
MS88 L 4+00S	0+50W	5
MS88 L 4+00S	0+75W	20
MS88 L 4+00S	1+00W	25
MS88 L 4+00S	1+25W	20
MS88 L 4+00S	1+50W	15
MS88 L 4+00S	1+75W	15
MS88 L 4+00S	2+00W	15
MS88 L 4+00S	2+25W	10
MS88 L 4+00S	2+50W	20
MS88 L 4+00S	2+75W	10
MS88 L 4+00S	3+00W	10
MS88 L 4+00S	3+25W	20
MS88 L 4+00S	3+50W	10
MS88 L 4+00S	3+75W	20
MS88 L 4+00S	4+00W	20
MS88 L 4+00S	4+25W	15
MS88 L 4+00S	4+50W	10
MS88 L 4+00S	4+75W	30
MS88 L 4+00S	5+00W	5
MS88 L 4+00S	5+25W	20
MS88 L 4+00S	5+50W	20
MS88 L 4+00S	5+75W	10
MS88 L 4+00S	6+00W	15
MS88 L 4+00S	6+25W	15
MS88 L 4+50E	22+25S	10
DETECTION LIMIT		5

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

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RENO, NEVADA, U.S.A.

SAMPLE #	Au ppb
MS88 L 4+50E 22+50S	10
MS88 L 4+50E 22+75S	10
MS88 L 4+50E 23+00S	5
MS88 L 4+50E 23+25S	10
MS88 L 4+50E 23+50S	15
MS88 L 4+50E 23+75S	10
MS88 L 4+50E 24+00S	15
MS88 L12+00S 0+75E	20
MS88 L12+00S 6+25E	15
MS88 L12+00S 6+50E	25
MS88 L12+00S 6+75E	10
MS88 L12+00S 7+00E	15
MS88 L12+00S 7+25E	20
MS88 L12+00S 7+50E	15
MS88 L12+00S 7+75E	5
MS88 L12+00S 8+25E	20
MS88 L12+00S 8+50E	20
MS88 L16+00S 0+25W	20
MS88 L16+00S 0+50W	25
MS88 L16+00S 0+75W	15
MS88 L16+00S 1+00W	15
MS88 L20+00S 0+25E	10
MS88 L20+00S 0+50E	25
MS88 L20+00S 0+75E	10
MS88 L20+00S 1+00E	15
MS88 L20+00S 1+25E	20
MS88 L20+00S 1+50E	30
MS88 L20+00S 1+75E	10
MS88 L20+00S 2+00E	10
MS88 L20+00S 2+25E	10
MS88 L20+00S 2+50E	10
MS88 L20+00S 2+75E	10
MS88 L20+00S 3+00E	15
MS88 L20+00S 3+25E	15
MS88 L20+00S 3+50E	15
MS88 L20+00S 3+75E	10
MS88 L20+00S 0+25W	10
MS88 L20+00S 0+50W	35
MS88 L20+00S 0+75W	10
DETECTION LIMIT	5

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

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REPORT NUMBER: 881577 GA JOB NUMBER: 881577 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
MS88 L20+00S	1+00W	25
MS88 L20+00S	1+25W	10
MS88 L20+00S	1+50W	10
MS88 L20+00S	2+00W	20
MS88 L20+00S	2+25W	25
MS88 L20+00S	2+50W	10
MS88 L20+00S	2+75W	20
MS88 L20+00S	3+00W	10
MS88 L20+00S	3+25W	10
MS88 L20+00S	3+50W	20
MS88 L20+00S	3+75W	10
MS88 L20+00S	4+00W	15
MS88 L22+00S	1+25E	10
MS88 L22+00S	1+50E	185
MS88 L22+00S	1+75E	130
MS88 L22+00S	2+00E	15
MS88 L22+00S	2+25E	35
MS88 L22+00S	2+50E	15
MS88 L22+00S	2+75E	10
MS88 L22+00S	3+00E	10
MS88 L22+00S	3+25E	20
MS88 L22+00S	3+50E	15
MS88 L22+00S	3+75E	25
MS88 L22+00S	4+00E	15
MS88 L22+00S	4+25E	25
MS88 L22+00S	4+50E	5
MS88 L22+00S	4+75E	10
MS88 L22+00S	5+00E	15
MS88 L22+00S	5+25E	20
MS88 L22+00S	5+75E	15
MS88 L22+00S	6+00E	20
MS88 L22+00S	6+25E	20
MS88 L22+00S	6+50E	35
MS88 L22+00S	6+75E	30
MS88 L22+00S	7+00E	20
MS88 L22+00S	7+25E	15
MS88 L22+00S	7+50E	15
MS88 L22+00S	7+75E	20
MS88 L22+00S	8+00E	15
DETECTION LIMIT		5

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

VANGEOCHEM LAB LIMITED

1988 TRIUMPH STREET
VANCOUVER, B.C. V5L 1K5
(604) 251-5656 FAX (604) 254-5717

REPORT #: BB1577 PA PAMICON DEVELOPMENT Proj: MAGENTA Date In: 88/10/05 Date Out:88/10/28 Att: STEVE TODORUK VGC ICP REPORT

Sample Number		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MS88 BL 0+00	12+00S	0.1	0.69	12	<3	299	<3	0.25	0.1	4	12	24	1.26	0.07	0.15	66	1	0.01	9	0.04	11	<3	<5	<2	2	36	<5	<3	64
MS88 BL 0+00	12+25S	0.1	0.45	5	<3	138	<3	0.27	0.1	3	5	14	0.79	0.06	0.11	59	1	0.01	4	0.07	6	<3	<5	<2	3	37	<5	<3	31
MS88 BL 0+00	12+50S	0.3	3.35	8	<3	73	<3	0.03	0.8	4	22	27	5.04	0.17	0.05	125	3	0.02	4	0.04	78	<3	<5	<2	7	9	<5	<3	37
MS88 BL 0+00	12+75S	0.1	2.45	15	<3	124	<3	0.21	1.1	13	45	36	3.51	0.15	1.00	922	3	0.03	49	0.08	46	<3	<5	<2	4	19	<5	<3	165
MS88 BL 0+00	13+00S	0.3	1.94	7	<3	98	<3	0.09	0.6	7	18	26	3.60	0.13	0.17	323	3	0.04	7	0.05	59	<3	<5	<2	9	12	<5	<3	151
MS88 BL 0+00	13+25S	1.1	6.00	<3	<3	67	<3	0.04	1.1	7	18	30	4.37	0.15	0.12	557	4	0.07	7	0.08	125	<3	<5	<2	7	5	<5	<3	160
MS88 BL 0+00	13+50S	1.5	6.52	<3	<3	61	<3	0.02	1.3	5	26	42	6.41	0.21	0.05	150	4	0.03	6	0.08	140	<3	<5	<2	9	4	<5	<3	63
MS88 BL 0+00	13+75S	0.2	4.01	<3	<3	68	3	0.04	0.8	4	28	30	6.15	0.20	0.05	96	3	0.02	5	0.05	92	<3	<5	<2	8	8	<5	<3	36
MS88 BL 0+00	14+00S	0.3	5.22	<3	<3	81	<3	0.03	0.8	4	23	27	4.79	0.16	0.04	113	3	0.02	7	0.06	105	<3	<5	<2	6	8	<5	<3	66
MS88 BL 0+00	14+25S	0.1	0.72	11	<3	46	<3	0.04	0.1	3	9	14	1.03	0.04	0.06	47	1	0.01	3	0.05	15	<3	<5	<2	4	10	<5	<3	54
MS88 BL 0+00	14+50S	0.3	1.67	5	<3	67	<3	0.05	0.1	5	15	27	3.39	0.11	0.04	63	3	0.02	6	0.04	56	<3	<5	<2	10	10	<5	<3	46
MS88 BL 0+00	14+75S	0.3	1.67	13	<3	56	<3	0.03	0.3	5	18	26	3.80	0.13	0.04	123	3	0.02	3	0.05	59	<3	<5	<2	10	7	<5	<3	57
MS88 BL 0+00	15+00S	0.4	1.58	79	<3	29	<3	0.05	0.6	5	18	27	4.76	0.16	0.05	110	6	0.03	1	0.06	63	<3	<5	<2	13	6	<5	<3	79
MS88 BL 0+00	15+25S	1.5	8.49	<3	<3	55	3	0.04	1.3	9	14	27	6.67	0.22	0.17	1199	5	0.09	6	0.05	164	<3	<5	<2	5	1	<5	<3	309
MS88 BL 0+00	15+50S	0.3	0.64	16	<3	34	<3	0.07	0.1	4	7	16	1.22	0.05	0.04	75	3	0.02	2	0.03	30	<3	<5	<2	9	7	<5	<3	42
MS88 BL 0+00	15+75S	0.3	0.84	16	<3	47	<3	0.04	0.1	4	8	18	1.63	0.06	0.05	92	3	0.02	3	0.04	35	<3	<5	<2	9	9	<5	<3	59
MS88 BL 0+00	16+00S	1.1	7.42	<3	<3	49	<3	0.05	1.1	5	20	27	4.77	0.16	0.06	315	4	0.03	3	0.06	137	<3	<5	<2	5	5	<5	<3	105
MS88 BL 0+00	16+25S	0.4	2.39	14	<3	34	<3	0.02	0.5	5	16	25	3.89	0.13	0.05	122	4	0.02	5	0.04	68	<3	<5	<2	9	5	<5	<3	72
MS88 BL 0+00	16+50S	0.2	1.75	29	<3	38	<3	0.06	0.5	9	30	40	3.42	0.12	0.43	230	3	0.02	15	0.07	48	<3	<5	<2	7	8	<5	<3	104
MS88 BL 0+00	16+75S	0.3	1.21	15	<3	23	<3	0.05	0.1	4	9	22	3.06	0.10	0.04	92	4	0.02	2	0.03	52	<3	<5	<2	13	5	<5	<3	54
MS88 BL 0+00	17+00S	0.4	3.17	10	<3	37	<3	0.03	0.6	5	18	29	4.39	0.15	0.04	83	4	0.02	14	0.04	84	<3	<5	<2	10	4	<5	<3	53
MS88 BL 0+00	17+25S	0.4	2.16	16	<3	49	<3	0.03	0.7	6	16	36	4.52	0.15	0.05	129	5	0.03	9	0.04	77	<3	<5	<2	13	7	<5	<3	67
MS88 BL 0+00	17+50S	1.1	8.44	<3	<3	37	<3	0.02	1.1	6	17	29	4.56	0.15	0.06	173	5	0.03	6	0.08	154	<3	<5	<2	6	5	<5	<3	150
MS88 BL 0+00	17+75S	0.4	3.80	12	<3	176	<3	0.28	1.3	8	18	39	4.89	0.21	0.26	3158	5	0.04	12	0.09	92	<3	<5	<2	9	27	<5	<3	345
MS88 BL 0+00	18+00S	1.1	8.30	<3	<3	39	<3	0.02	1.4	7	19	29	4.88	0.16	0.10	330	5	0.03	9	0.08	150	<3	<5	<2	5	3	<5	<3	182
MS88 BL 0+00	18+25S	16.4	6.74	<3	<3	35	<3	0.03	0.9	7	19	62	6.40	0.21	0.08	294	5	0.05	5	0.06	178	<3	<5	<2	9	4	<5	<3	117
MS88 BL 0+00	18+50S	4.1	1.45	37	<3	33	<3	0.03	0.2	8	16	53	3.51	0.12	0.17	360	5	0.03	7	0.05	62	<3	<5	<2	7	8	<5	<3	39
MS88 BL 0+00	18+75S	0.4	2.58	14	<3	41	<3	0.02	0.6	5	12	27	3.54	0.12	0.04	233	4	0.03	4	0.05	78	<3	<5	<2	11	4	<5	<3	34
MS88 BL 0+00	19+00S	0.4	7.33	<3	<3	48	<3	0.04	1.1	5	19	23	4.98	0.17	0.04	231	5	0.02	4	0.08	128	<3	<5	<2	7	10	<5	<3	63
MS88 BL 0+00	19+25S	0.4	4.16	9	<3	51	<3	0.03	1.1	6	22	32	5.00	0.17	0.05	249	5	0.02	6	0.07	97	<3	<5	<2	11	9	<5	<3	78
MS88 BL 0+00	19+50S	0.4	3.35	12	<3	58	<3	0.08	0.6	5	15	26	3.62	0.13	0.05	117	5	0.02	4	0.07	84	<3	<5	<2	9	28	<5	<3	82
MS88 BL 0+00	19+75S	0.3	1.15	21	<3	32	<3	0.03	0.1	5	11	19	2.13	0.07	0.06	80	3	0.02	4	0.04	43	<3	<5	<2	9	6	<5	<3	43
MS88 BL 0+00	20+00S	1.1	5.89	20	<3	56	<3	0.03	1.1	10	13	27	5.18	0.17	0.12	650	5	0.06	9	0.04	129	<3	<5	<2	10	3	<5	<3	265
MS88 BL 0+00	20+25S	1.1	5.48	17	<3	32	<3	0.03	0.8	6	17	30	4.56	0.15	0.06	243	5	0.02	5	0.06	116	<3	<5	<2	9	3	<5	<3	95
MS88 BL 0+00	20+50S	3.1	5.16	55	<3	66	<3	0.07	1.1	8	26	48	4.95	0.17	0.19	183	5	0.02	11	0.09	103	<3	<5	<2	8	11	<5	<3	121
MS88 BL 0+00	20+75S	0.4	4.33	49	<3	64	3	0.12	2.9	31	56	104	6.44	0.23	0.58	829	6	0.02	34	0.10	99	<3	<5	<2	8	23	<5	<3	379
MS88 BL 0+00	21+00S	0.3	2.29	47	<3	54	<3	0.05	0.9	12	39	62	5.85	0.20	0.25	274	4	0.02	17	0.09	51	<3	<5	<2	6	8	<5	<3	107
MS88 L 4+00S	0+50E	0.2	1.79	22	<3	177	<3	0.33	0.6	16	36	32	3.19	0.13	0.81	1554	3	0.02	28	0.10	48	<3	<5	<2	5	25	<5	<3	121
MS88 L 4+00S	0+75E	0.2	1.77	12	<3	155	<3	0.18	0.6	13	31	23	3.12	0.13	0.45	344	4	0.02	14	0.04	46	<3	<5	<2	6	16	<5	<3	92
Minimum Detection		0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection		50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

REPORT #: 881577 PA PAMICON DEVELOPMENT Proj: MAGENTA Date In: 88/10/05 Date Out:88/10/28 Att: STEVE TODORUK VGC ICP REPORT

Sample Number	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MS88 L 4+00S 1+00E	0.2	2.01	16	<3	87	<3	0.14	0.8	5	30	28	3.54	0.13	0.34	121	1	0.02	12	0.02	42	<3	<5	<2	3	15	<5	<3	63
MS88 L 4+00S 1+25E	0.1	2.31	3	<3	360	<3	0.28	0.9	16	34	32	3.28	0.12	0.73	508	1	0.02	28	0.05	45	<3	<5	<2	3	26	<5	<3	100
MS88 L 4+00S 1+50E	0.1	2.04	8	<3	257	<3	0.25	0.6	15	39	28	3.37	0.15	0.78	721	1	0.02	22	0.05	37	<3	<5	<2	3	22	<5	<3	96
MS88 L 4+00S 1+75E	0.1	2.93	6	<3	210	<3	0.34	0.9	16	41	40	4.69	0.20	0.63	1530	2	0.02	26	0.12	58	<3	<5	<2	3	24	<5	<3	149
MS88 L 4+00S 2+00E	0.1	1.82	13	<3	261	<3	0.34	0.4	15	35	31	3.37	0.14	0.76	1150	1	0.02	26	0.08	36	<3	<5	<2	3	26	<5	<3	129
MS88 L 4+00S 2+25E	0.1	4.43	9	<3	137	4	0.28	1.9	14	57	54	6.74	0.26	0.34	682	3	0.02	22	0.08	86	<3	<5	<2	4	21	<5	<3	125
MS88 L 4+00S 2+50E	0.1	4.08	8	<3	129	3	0.24	0.8	13	46	49	5.46	0.21	0.40	856	3	0.03	28	0.08	78	<3	<5	<2	4	17	<5	<3	161
MS88 L 4+00S 2+75E	0.1	4.17	9	<3	147	<3	0.28	0.6	11	40	56	4.58	0.19	0.45	454	2	0.02	31	0.09	78	<3	<5	<2	4	18	<5	<3	163
MS88 L 4+00S 3+00E	0.1	4.13	11	<3	195	<3	0.32	0.9	14	37	51	3.95	0.17	0.65	717	2	0.03	40	0.09	80	<3	<5	<2	4	22	<5	<3	218
MS88 L 4+00S 3+25E	1.3	3.38	9	<3	186	<3	0.30	1.2	14	34	43	4.03	0.17	0.65	955	2	0.03	33	0.07	67	<3	<5	<2	5	19	<5	<3	165
MS88 L 4+00S 3+50E	0.1	2.59	12	<3	154	<3	0.28	1.1	15	38	47	4.32	0.16	0.67	698	2	0.02	31	0.06	49	<3	<5	<2	4	20	<5	<3	129
MS88 L 4+00S 3+75E	0.1	2.35	10	<3	259	<3	0.38	1.1	17	41	42	3.78	0.15	0.96	629	1	0.02	32	0.08	46	<3	<5	<2	4	25	<5	<3	134
MS88 L 4+00S 4+00E	0.1	1.78	13	<3	154	<3	0.39	0.5	16	38	32	3.37	0.14	0.97	980	1	0.02	32	0.10	35	<3	<5	<2	3	27	<5	<3	105
MS88 L 4+00S 0+25W	0.2	3.96	10	<3	130	<3	0.15	0.9	11	44	44	5.30	0.20	0.35	996	3	0.03	23	0.06	78	<3	<5	<2	6	14	<5	<3	139
MS88 L 4+00S 0+50W	0.2	1.85	8	<3	115	<3	0.13	0.4	5	24	26	2.69	0.10	0.18	122	1	0.02	10	0.03	41	<3	<5	<2	3	14	<5	<3	46
MS88 L 4+00S 0+75W	0.1	2.61	<3	<3	97	<3	0.14	0.9	6	33	38	4.14	0.15	0.24	227	2	0.02	14	0.04	55	<3	<5	<2	5	13	<5	<3	46
MS88 L 4+00S 1+00W	0.2	3.10	11	<3	122	<3	0.10	0.8	5	40	40	5.91	0.21	0.09	106	3	0.02	13	0.04	70	<3	<5	<2	6	11	<5	<3	60
MS88 L 4+00S 1+25W	0.1	3.15	12	<3	126	<3	0.08	0.5	5	32	32	4.26	0.15	0.17	146	2	0.02	15	0.05	65	<3	<5	<2	5	11	<5	<3	76
MS88 L 4+00S 1+50W	0.1	6.69	13	<3	75	<3	0.06	0.9	5	41	39	5.30	0.18	0.06	201	3	0.03	13	0.07	120	<3	<5	<2	5	5	<5	<3	71
MS88 L 4+00S 1+75W	0.1	2.10	11	<3	61	<3	0.06	0.4	6	28	28	3.85	0.13	0.13	229	2	0.02	9	0.04	48	<3	<5	<2	6	10	<5	<3	40
MS88 L 4+00S 2+00W	0.1	3.37	24	<3	107	<3	0.10	0.9	9	30	34	4.92	0.18	0.19	891	3	0.02	23	0.28	73	<3	<5	<2	6	10	<5	<3	94
MS88 L 4+00S 2+25W	0.1	3.32	12	<3	75	<3	0.13	0.9	5	39	38	5.33	0.19	0.13	144	3	0.02	12	0.05	68	<3	<5	<2	6	14	<5	<3	49
MS88 L 4+00S 2+50W	0.2	2.57	26	<3	122	<3	0.19	0.9	5	29	28	3.90	0.15	0.17	91	2	0.02	11	0.04	59	<3	<5	<2	5	15	<5	<3	84
MS88 L 4+00S 2+75W	0.2	3.88	16	<3	120	<3	0.12	0.8	9	37	38	5.56	0.20	0.16	237	3	0.02	22	0.05	84	<3	<5	<2	7	12	<5	<3	136
MS88 L 4+00S 3+00W	0.2	4.30	24	<3	136	3	0.10	0.9	10	32	41	4.86	0.17	0.26	825	3	0.03	20	0.07	90	<3	<5	<2	7	12	<5	<3	135
MS88 L 4+00S 3+25W	0.1	5.68	11	<3	55	<3	0.11	0.8	9	47	41	4.29	0.16	0.14	753	3	0.02	16	0.09	102	<3	<5	<2	5	8	<5	<3	56
MS88 L 4+00S 3+50W	0.1	3.91	19	<3	73	<3	0.07	0.5	7	38	33	4.31	0.15	0.20	331	3	0.02	10	0.06	76	<3	<5	<2	6	8	<5	<3	49
MS88 L 4+00S 3+75W	0.2	4.77	23	<3	91	<3	0.17	0.6	7	29	33	4.04	0.13	0.15	360	3	0.02	17	0.06	91	<3	<5	<2	7	14	<5	<3	133
MS88 L 4+00S 4+00W	0.2	3.24	19	<3	76	3	0.08	0.6	7	36	33	5.70	0.20	0.11	553	3	0.02	9	0.05	73	<3	<5	<2	7	8	<5	<3	77
MS88 L 4+00S 4+25W	0.1	1.67	11	<3	52	<3	0.17	0.9	5	27	34	5.39	0.20	0.11	344	3	0.02	11	0.05	52	<3	<5	<2	9	12	<5	<3	39
MS88 L 4+00S 4+50W	0.6	4.76	14	<3	82	<3	0.07	0.9	9	18	30	4.30	0.15	0.13	608	4	0.03	13	0.05	102	<3	<5	<2	8	7	<5	<3	193
MS88 L 4+00S 4+75W	0.2	6.44	15	<3	45	<3	0.07	0.8	4	34	34	4.89	0.17	0.08	192	3	0.02	10	0.08	115	<3	<5	<2	7	5	<5	<3	65
MS88 L 4+00S 5+00W	0.3	5.38	20	<3	84	<3	0.11	0.9	7	22	36	4.78	0.17	0.11	339	4	0.02	13	0.08	102	<3	<5	<2	8	9	<5	<3	116
MS88 L 4+00S 5+25W	0.1	6.01	19	<3	75	<3	0.09	0.9	5	37	37	4.48	0.16	0.07	313	3	0.02	8	0.09	105	<3	<5	<2	7	14	<5	<3	42
MS88 L 4+00S 5+50W	0.3	3.85	19	<3	51	<3	0.07	0.4	9	29	30	3.58	0.13	0.18	1144	3	0.02	14	0.06	84	<3	<5	<2	8	9	<5	<3	118
MS88 L 4+00S 5+75W	0.1	3.02	16	<3	78	<3	0.16	0.6	9	31	34	3.51	0.14	0.22	1126	3	0.02	13	0.08	63	<3	<5	<2	7	14	<5	<3	115
MS88 L 4+00S 6+00W	0.9	5.55	51	<3	67	<3	0.06	1.4	10	18	31	5.37	0.19	0.17	934	5	0.05	12	0.05	117	<3	<5	<2	10	4	<5	<3	243
MS88 L 4+00S 6+25W	0.1	3.62	14	<3	102	<3	0.09	0.4	4	33	24	3.87	0.11	0.08	105	3	0.01	11	0.06	67	<3	<5	<2	7	15	<5	<3	74
MS88 L 4+50E 22+25S	1.1	6.52	37	<3	46	<3	0.02	0.6	10	15	29	5.15	0.15	0.13	639	5	0.07	8	0.07	134	<3	<5	<2	9	2	<5	<3	196
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

REPORT #: 881577 PA PAMICON DEVELOPMENT Proj: MAGENTA Date In: 88/10/05 Date Out:88/10/28 Att: STEVE TODORUK VGC ICP REPORT

Sample Number	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
MS88 L 4+50E 22+50S	0.1	1.55	13	<3	37	<3	0.02	0.6	4	10	21	2.98	0.10	0.05	204	1	0.02	4	0.04	59	<3	<5	<2	8	4	<5	<3	45
MS88 L 4+50E 22+75S	0.1	4.51	15	<3	30	<3	0.03	0.2	4	14	25	3.36	0.09	0.05	274	2	0.02	3	0.07	106	<3	<5	<2	6	3	<5	<3	84
MS88 L 4+50E 23+00S	0.1	5.67	14	<3	38	<3	0.17	0.7	4	14	25	3.39	0.14	0.08	727	2	0.03	6	0.10	118	<3	<5	<2	4	5	<5	<3	107
MS88 L 4+50E 23+25S	0.1	8.40	13	<3	43	<3	0.05	1.2	7	28	26	5.67	0.20	0.17	639	3	0.04	6	0.09	156	<3	<5	<2	3	3	<5	<3	132
MS88 L 4+50E 23+50S	0.2	7.18	9	<3	42	<3	0.06	1.1	6	20	24	4.51	0.16	0.06	418	3	0.03	6	0.07	144	<3	<5	<2	4	5	<5	<3	104
MS88 L 4+50E 23+75S	0.1	2.84	10	<3	32	<3	0.06	0.1	3	12	18	3.30	0.12	0.06	278	1	0.02	3	0.05	78	<3	<5	<2	6	5	<5	<3	75
MS88 L 4+50E 24+00S	0.1	6.05	20	<3	44	<3	0.03	0.7	4	15	24	4.40	0.13	0.04	234	2	0.02	3	0.08	128	<3	<5	<2	5	4	<5	<3	80
MS88 L12+00S 0+75E	0.1	1.47	11	<3	120	<3	0.03	0.2	5	16	23	4.10	0.12	0.08	143	3	0.02	8	0.03	54	<3	<5	<2	7	8	<5	<3	48
MS88 L12+00S 6+25E	0.1	3.06	11	<3	54	3	0.22	1.9	8	21	32	6.85	0.27	0.10	360	4	0.04	7	0.04	96	<3	<5	<2	13	17	<5	<3	181
MS88 L12+00S 6+50E	0.1	3.59	13	<3	65	<3	0.09	0.7	6	25	30	5.39	0.22	0.07	121	3	0.03	10	0.05	98	<3	<5	<2	6	8	<5	<3	90
MS88 L12+00S 6+75E	0.1	3.26	10	<3	60	<3	0.14	0.7	8	18	23	4.08	0.16	0.12	444	3	0.04	8	<0.01	90	<3	<5	<2	7	12	<5	<3	140
MS88 L12+00S 7+00E	0.3	5.20	23	<3	60	3	0.04	1.5	9	25	27	5.73	0.21	0.28	310	4	0.07	19	0.05	121	<3	<5	<2	7	6	<5	<3	241
MS88 L12+00S 7+25E	0.4	>10.00	14	<3	61	3	0.07	1.5	4	52	43	6.55	0.24	0.05	98	3	0.03	11	0.07	191	<3	<5	<2	<2	8	<5	<3	74
MS88 L12+00S 7+50E	0.2	5.34	23	<3	86	3	0.08	1.7	11	52	48	5.96	0.20	0.56	396	3	0.05	40	0.06	113	<3	<5	<2	5	9	<5	<3	158
MS88 L12+00S 7+75E	0.2	7.35	32	<3	48	<3	0.06	0.6	7	24	32	4.83	0.18	0.13	781	3	0.12	9	0.08	149	<3	<5	<2	6	5	<5	<3	193
MS88 L12+00S 8+25E	0.1	3.33	9	<3	73	<3	0.17	0.8	7	23	33	3.86	0.16	0.23	442	2	0.07	19	0.06	87	<3	<5	<2	7	15	<5	<3	294
MS88 L12+00S 8+50E	0.1	3.13	13	<3	116	<3	0.10	1.1	11	34	31	3.70	0.15	0.53	556	2	0.03	35	0.04	77	<3	<5	<2	4	11	<5	<3	136
MS88 L16+00S 0+25W	0.2	3.94	15	<3	37	<3	0.03	1.1	3	15	25	3.78	0.11	0.04	118	2	0.02	3	0.06	96	<3	<5	<2	6	4	<5	<3	65
MS88 L16+00S 0+50W	0.1	1.64	3	<3	33	<3	0.02	1.2	5	15	32	5.50	0.20	0.03	93	2	0.02	3	0.04	73	<3	<5	<2	11	3	<5	<3	44
MS88 L16+00S 0+75W	0.1	2.64	8	<3	83	<3	0.35	1.2	9	23	24	3.57	0.18	0.23	5173	5	0.04	9	0.14	64	<3	<5	<2	4	22	<5	<3	263
MS88 L16+00S 1+00W	0.1	0.71	<3	<3	63	<3	1.19	0.1	3	8	18	1.31	0.23	0.11	105	<1	0.01	20	0.07	23	<3	<5	<2	2	57	<5	<3	99
MS88 L20+00S 0+25E	1.2	7.64	14	<3	42	<3	0.04	0.8	4	18	28	4.46	0.15	0.05	217	3	0.03	6	0.06	151	<3	<5	<2	4	4	<5	<3	109
MS88 L20+00S 0+50E	0.3	9.44	5	<3	34	<3	0.02	1.5	4	25	26	6.58	0.25	0.05	400	3	0.03	5	0.07	182	<3	<5	<2	3	3	<5	<3	87
MS88 L20+00S 0+75E	0.6	8.74	15	<3	66	3	0.02	1.1	7	14	29	5.81	0.22	0.11	399	4	0.04	9	0.06	175	<3	<5	<2	6	3	<5	<3	225
MS88 L20+00S 1+00E	0.3	6.01	10	<3	28	<3	0.02	0.6	4	17	30	5.36	0.23	0.04	148	3	0.02	3	0.06	136	<3	<5	<2	7	4	<5	<3	72
MS88 L20+00S 1+25E	1.6	6.61	17	<3	92	<3	0.04	1.4	14	39	128	4.95	0.20	0.33	2417	10	0.04	43	0.08	136	<3	<5	<2	5	8	<5	<3	319
MS88 L20+00S 1+50E	0.1	1.86	7	<3	129	<3	0.13	0.3	7	13	21	3.28	0.15	0.21	1198	1	0.02	7	0.11	46	<3	<5	<2	2	11	<5	<3	101
MS88 L20+00S 1+75E	0.4	5.43	24	<3	69	3	0.03	1.2	9	11	24	5.44	0.21	0.21	701	3	0.08	8	0.03	126	<3	<5	<2	8	2	10	<3	321
MS88 L20+00S 2+00E	0.1	2.08	12	<3	46	<3	0.04	0.6	6	12	20	3.28	0.13	0.07	234	1	0.02	5	0.05	63	<3	<5	<2	5	5	<5	<3	103
MS88 L20+00S 2+25E	0.2	5.17	21	<3	22	<3	0.02	0.3	3	14	22	3.97	0.15	0.05	173	2	0.02	4	0.05	116	<3	<5	<2	6	2	<5	<3	96
MS88 L20+00S 2+50E	0.3	5.98	19	<3	39	<3	0.02	0.7	4	14	22	4.33	0.17	0.07	209	3	0.03	5	0.06	132	<3	<5	<2	5	2	<5	<3	119
MS88 L20+00S 2+75E	0.2	5.65	18	<3	43	<3	0.04	0.7	4	12	25	3.68	0.15	0.09	154	2	0.03	5	0.08	120	<3	<5	<2	5	5	<5	<3	97
MS88 L20+00S 3+00E	0.1	6.14	11	<3	48	<3	0.03	1.1	6	18	25	4.51	0.18	0.06	358	2	0.03	5	0.10	130	<3	<5	<2	4	7	<5	<3	87
MS88 L20+00S 3+25E	0.1	2.78	8	<3	52	<3	0.06	0.7	4	17	25	4.50	0.18	0.04	78	2	0.02	4	0.05	87	<3	<5	<2	9	8	<5	<3	38
MS88 L20+00S 3+50E	0.1	3.95	15	<3	52	<3	0.02	0.7	4	17	23	3.47	0.14	0.07	112	2	0.03	5	0.06	96	<3	<5	<2	6	5	<5	<3	83
MS88 L20+00S 3+75E	0.2	3.81	4	5	122	4	0.20	2.5	8	25	38	9.82	0.42	0.11	211	5	0.06	6	0.05	115	<3	<5	<2	12	20	<5	<3	177
MS88 L20+00S 0+25W	0.3	3.01	10	<3	40	<3	0.05	0.7	6	14	26	3.84	0.16	0.09	167	2	0.04	5	0.04	85	<3	<5	<2	8	6	<5	<3	146
MS88 L20+00S 0+50W	0.1	2.40	14	<3	151	<3	0.12	0.7	12	48	46	3.19	0.12	0.79	391	1	0.02	39	0.06	61	<3	<5	<2	2	21	<5	<3	165
MS88 L20+00S 0+75W	0.1	1.21	4	<3	33	<3	0.06	0.1	8	7	21	1.77	0.08	0.34	124	<1	0.01	5	0.04	29	<3	<5	<2	2	13	<5	<3	61
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

REPORT #: 881577 PA PAMICON DEVELOPMENT Proj: MAGENTA Date In: 88/10/05 Date Out:88/10/28 Att: STEVE TODORUK VGC ICP REPORT

Sample Number		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MS88 L20+00S	1+00W	0.3	1.94	17	<3	57	<3	0.10	0.4	8	31	50	3.28	0.10	0.29	127	3	0.02	15	0.05	52	<3	<5	<2	6	18	<5	<3	60
MS88 L20+00S	1+25W	0.3	0.73	16	<3	33	<3	0.07	0.1	7	11	34	2.53	0.08	0.05	57	1	0.01	5	0.02	29	<3	<5	<2	8	8	<5	<3	25
MS88 L20+00S	1+50W	0.2	2.40	10	<3	257	3	0.58	0.9	20	38	84	3.56	0.17	1.65	750	2	0.02	27	0.15	55	<3	<5	<2	7	57	<5	<3	120
MS88 L20+00S	2+00W	0.2	2.08	14	<3	229	<3	0.55	0.9	18	32	76	3.78	0.17	1.39	886	2	0.02	25	0.17	51	<3	<5	<2	6	52	<5	<3	130
MS88 L20+00S	2+25W	0.1	2.06	19	<3	211	<3	0.57	1.1	18	31	75	3.51	0.19	1.38	769	1	0.02	24	0.17	47	<3	<5	<2	5	52	<5	<3	118
MS88 L20+00S	2+50W	0.1	1.92	12	<3	194	<3	0.52	0.9	17	29	70	3.17	0.15	1.30	689	1	0.02	21	0.16	43	<3	<5	<2	6	49	<5	<3	109
MS88 L20+00S	2+75W	0.1	2.13	11	<3	232	<3	0.57	1.1	19	34	77	3.42	0.18	1.45	782	1	0.02	25	0.16	49	<3	<5	<2	6	53	<5	<3	121
MS88 L20+00S	3+00W	0.1	2.02	10	<3	225	<3	0.62	0.8	17	31	73	3.10	0.18	1.38	641	1	0.02	25	0.16	46	<3	<5	<2	6	54	<5	<3	126
MS88 L20+00S	3+25W	0.2	2.15	14	<3	226	<3	0.55	0.8	19	32	79	3.20	0.18	1.50	615	1	0.02	24	0.15	49	<3	<5	<2	6	50	<5	<3	112
MS88 L20+00S	3+50W	0.1	1.88	4	<3	198	<3	0.57	1.2	16	29	67	2.83	0.17	1.28	572	1	0.02	21	0.16	44	<3	<5	<2	5	54	<5	<3	96
MS88 L20+00S	3+75W	0.1	2.00	9	<3	213	<3	0.55	0.8	17	31	72	3.03	0.17	1.37	593	1	0.02	22	0.15	46	<3	<5	<2	6	51	<5	<3	99
MS88 L20+00S	4+00W	0.2	1.73	<3	<3	186	<3	0.58	0.8	15	26	66	2.89	0.17	1.19	501	1	0.02	19	0.18	39	<3	<5	<2	5	51	<5	<3	98
MS88 L22+00S	1+25E	0.1	1.02	4	<3	64	<3	0.35	0.4	10	19	27	2.18	0.12	0.65	578	1	0.01	11	0.09	27	<3	<5	<2	4	24	<5	<3	55
MS88 L22+00S	1+50E	0.3	0.91	13	<3	71	<3	0.10	1.2	10	12	24	3.84	0.12	0.19	419	5	0.03	6	0.08	164	<3	<5	<2	3	11	<5	<3	114
MS88 L22+00S	1+75E	0.3	0.81	27	<3	33	<3	0.05	0.3	6	8	19	2.40	0.07	0.13	304	4	0.01	5	0.07	35	<3	<5	<2	3	8	<5	<3	77
MS88 L22+00S	2+00E	0.1	1.28	<3	<3	109	<3	0.10	0.5	8	9	21	2.81	0.09	0.54	261	1	0.02	8	0.11	31	<3	<5	<2	3	12	<5	<3	97
MS88 L22+00S	2+25E	0.1	2.22	4	<3	99	<3	0.14	1.6	6	29	43	5.90	0.18	0.23	161	17	0.02	8	0.12	63	<3	<5	<2	5	18	<5	<3	73
MS88 L22+00S	2+50E	0.1	0.24	<3	<3	23	<3	0.06	0.1	2	4	8	0.84	0.05	0.05	38	1	0.01	<1	0.02	9	<3	<5	<2	<2	12	<5	<3	22
MS88 L22+00S	2+75E	0.1	0.35	<3	<3	35	<3	0.14	0.1	2	4	7	0.67	0.05	0.12	139	1	0.01	3	0.06	11	<3	<5	<2	<2	15	<5	<3	37
MS88 L22+00S	3+00E	0.1	1.73	<3	<3	95	<3	0.06	0.9	13	18	24	3.29	0.12	0.50	541	1	0.02	12	0.06	40	<3	<5	<2	3	7	<5	<3	74
MS88 L22+00S	3+25E	0.4	5.05	17	<3	61	<3	0.05	0.9	6	15	31	4.51	0.15	0.11	213	3	0.03	19	0.07	114	3	<5	<2	6	5	<5	<3	140
MS88 L22+00S	3+50E	0.4	4.60	13	<3	68	<3	0.03	0.6	4	14	24	3.93	0.13	0.10	164	3	0.03	9	0.06	106	3	<5	<2	6	6	<5	<3	129
MS88 L22+00S	3+75E	0.1	1.58	22	<3	38	<3	0.03	0.5	4	12	20	3.59	0.10	0.11	211	3	0.02	4	0.05	55	<3	<5	<2	6	6	<5	<3	77
MS88 L22+00S	4+00E	1.1	5.80	30	<3	33	<3	0.02	0.6	7	16	29	4.86	0.16	0.11	420	4	0.04	6	0.07	130	5	<5	<2	8	3	<5	<3	194
MS88 L22+00S	4+25E	0.3	2.14	14	<3	37	<3	0.04	0.1	4	14	23	3.57	0.12	0.05	155	2	0.02	4	0.05	67	3	<5	<2	8	6	<5	<3	71
MS88 L22+00S	4+50E	0.1	3.16	15	<3	45	<3	0.02	0.8	4	12	22	3.59	0.12	0.05	222	2	0.02	3	0.06	82	<3	<5	<2	6	4	<5	<3	46
MS88 L22+00S	4+75E	0.4	5.47	18	<3	40	<3	0.01	0.9	3	16	23	4.27	0.14	0.06	282	3	0.02	5	0.05	117	3	<5	<2	5	3	<5	<3	89
MS88 L22+00S	5+00E	0.1	0.72	<3	<3	32	<3	0.03	0.1	2	6	12	1.54	0.06	0.03	49	1	0.01	4	0.05	27	<3	<5	<2	4	6	<5	<3	39
MS88 L22+00S	5+25E	1.1	6.88	14	<3	30	<3	0.01	0.9	3	20	21	5.52	0.17	0.06	99	4	0.02	1	0.05	134	4	<5	<2	5	2	<5	<3	83
MS88 L22+00S	5+75E	1.1	7.20	10	<3	23	<3	0.01	0.9	2	18	22	4.40	0.12	0.03	173	3	0.03	2	0.07	139	4	<5	<2	5	1	<5	<3	64
MS88 L22+00S	6+00E	0.3	5.13	6	<3	34	3	0.01	1.6	3	22	28	6.86	0.21	0.03	48	4	0.03	2	0.06	121	3	<5	<2	8	3	<5	<3	58
MS88 L22+00S	6+25E	0.4	3.58	<3	<3	72	3	0.02	1.4	4	21	28	6.90	0.22	0.03	72	4	0.03	3	0.05	102	3	<5	<2	9	8	<5	<3	57
MS88 L22+00S	6+50E	0.3	3.00	<3	<3	58	5	0.01	2.1	5	21	33	9.28	0.28	0.04	80	4	0.03	4	0.05	96	3	<5	<2	11	4	<5	<3	63
MS88 L22+00S	6+75E	0.2	2.19	98	<3	121	<3	0.25	0.8	11	105	47	3.42	0.13	1.27	333	2	0.02	36	0.17	58	<3	<5	<2	5	129	<5	<3	105
MS88 L22+00S	7+00E	4.1	1.56	10	<3	52	<3	0.03	0.3	3	12	16	2.62	0.09	0.07	165	2	0.02	4	0.12	48	<3	<5	<2	5	6	<5	<3	55
MS88 L22+00S	7+25E	0.4	4.75	8	<3	39	3	0.05	1.1	4	20	30	5.92	0.17	0.05	182	3	0.03	2	0.05	120	4	<5	<2	8	6	<5	<3	61
MS88 L22+00S	7+50E	0.4	4.02	11	<3	37	<3	0.01	0.8	3	19	24	4.77	0.13	0.03	101	3	0.02	3	0.08	98	3	<5	<2	7	2	<5	<3	61
MS88 L22+00S	7+75E	0.3	1.67	21	<3	42	<3	0.01	0.6	7	10	42	5.34	0.17	0.25	139	2	0.02	3	0.05	42	<3	<5	<2	5	3	<5	<3	56
MS88 L22+00S	8+00E	0.4	5.47	12	<3	28	<3	0.02	0.6	3	16	20	5.31	0.17	0.06	180	3	0.03	3	0.06	118	4	<5	<2	6	2	<5	<3	89
Minimum Detection		0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection		50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881600 GA JOB NUMBER: 881600 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
MS 88 B/L	0+00N	15
MS 88 B/L	0+25N	10
MS 88 B/L	0+75N	20
MS 88 B/L	1+00N	15
MS 88 B/L	1+25N	5
MS 88 B/L	1+50N	20
MS 88 B/L	1+75N	10
MS L 0+00	0+25W	20
MS L 0+00	0+50W	10
MS L 0+00	0+75W	25
MS L 0+00	1+00W	10
MS L 0+00	1+25W	20
MS L 0+00	1+50W	20
MS L 0+00	2+50W	25
MS L 0+00	2+75W	25
MS L 0+00	3+00W	20
MS L 0+00	3+25W	25
MS L 0+00	3+50W	15
MS L 0+00	3+75W	35
MS L 0+00	4+00W	15
MS L 0+00	4+25W	15
MS L 0+00	4+50W	20
MS L 0+00	4+75W	20
MS L 0+00	5+00W	20
MS L 0+00	5+25W	20
MS L 0+00	5+50W	25
MS L 0+00	5+75W	15
MS L 0+00	6+00W	15
MS L 0+00	6+25W	10
MS 88 L 2+00N	0+25W	10
MS 88 L 2+00N	0+50W	20
MS 88 L 2+00N	0+75W	5
MS 88 L 2+00N	1+00W	20
MS 88 L 2+00N	1+25W	10
MS 88 L 2+00N	1+50W	20
MS 88 L 2+00N	1+75W	15
MS 88 L 2+00N	2+00W	10
MS 88 L 2+00N	2+25W	15
MS 88 L 2+00N	2+50W	30
DETECTION LIMIT		5

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

VANGEOCHEM LAB LIMITED

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

SAMPLE #	Au ppb
MS 88 L 2+00N 2+75W	20
MS 88 L 2+00N 3+00W	15
MS 88 L 2+00N 3+25W	10
MS 88 L 2+00N 3+50W	20
MS 88 L 2+00N 3+75W	25
MS 88 L 2+00N 4+00W	25
MS 88 L 2+00N 4+25W	20
MS 88 L 2+00N 4+50W	15
MS 88 L 2+00N 4+75W	15
MS 88 L 2+00N 5+00W	20
MS 88 L 2+00N 5+25W	15
MS 88 L 2+00N 5+50W	20
MS 88 L 2+00N 5+75W	20
MS 88 L 2+00N 6+00W	15
MS L 4+00W 2+25N	20
MS L 4+00W 2+50N	10
MS L 4+00W 2+75N	30
MS L 4+00W 3+00N	25
MS L 4+00W 3+25N	20
MS L 4+00W 3+50N	40
MS L 4+00W 3+75N	15
MS L 4+00W 4+00N	20
MS L 4+00W 4+25N	15
MS L 4+00W 4+50N	20
MS L 4+00W 4+75N	15
MS L 4+00W 5+00N	40
MS L 4+00W 5+25N	25
MS L 4+00W 5+50N	10
MS L 4+00W 5+75N	25
MS L 4+00W 6+00N	15
MS L 4+00W 6+25N	25
MS L 4+00W 6+75N	20
MS L 4+00W 7+00N	25
MS 88 L 8+00S 0+25E	10
MS 88 L 8+00S 0+50E	20
MS 88 L 8+00S 0+75E	15
MS 88 L 8+00S 1+00E	20
MS 88 L 8+00S 1+25E	15
MS 88 L 8+00S 1+50E	5
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
MS 88 L 8+00S 1+75E	15
MS 88 L 8+00S 2+00E	20
MS 88 L 8+00S 2+25E	10
MS 88 L 8+00S 2+50E	15
MS 88 L 8+00S 2+75E	5
MS 88 L 8+00S 3+00E	15
MS 88 L 8+00S 3+25E	10
MS 88 L 8+00S 3+50E	10
MS 88 L 8+00S 3+75E	10
MS 88 L 8+00S 4+00E	10
MS 88 L 8+00S 4+25E	25
MS 88 L 8+00S 4+50E	15
MS 88 L 8+00S 4+75E	10
MS 88 L 8+00S 5+00E	20
MS 88 L 8+00S 5+25E	5
MS 88 L 8+00S 5+50E	30
MS 88 L 8+00S 5+75E	5
MS 88 L 8+00S 6+00E	10
MS 88 L 8+00S 6+25E	10
MS88 L 8+00S 0+00W	10
MS88 L 8+00S 0+25W	15
MS88 L 8+00S 0+50W	20
MS88 L 8+00S 0+75W	20
MS88 L 8+00S 1+00W	5
MS88 L 8+00S 1+25W	20
MS88 L 8+00S 1+50W	20
MS88 L 8+00S 1+75W	5
MS88 L 8+00S 2+00W	15
MS88 L 8+00S 2+25W	20
MS88 L 8+00S 2+50W	15
MS88 L 8+00S 2+75W	10
MS88 L 8+00S 3+00W	15
MS88 L 8+00S 3+25W	20
MS88 L 8+00S 4+25W	20
MS88 L 8+00S 4+50W	25
MS88 L 8+00S 4+75W	35
MS88 L 8+00S 5+00W	10
MS88 L 8+00S 5+25W	40
MS88 L 8+00S 5+50W	25
DETECTION LIMIT	5

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

VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 881600 GA JOB NUMBER: 881600 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
MS L12+00S 0+75W	15
MS L12+00S 1+00W	10
MS L12+00S 1+25W	25
MS L12+00S 1+50W	10
MS L12+00S 1+75W	10
MS L12+00S 2+00W	20
MS L12+00S 2+25W	15
MS L12+00S 2+50W	15
MS L12+00S 2+75W	20
MS L12+00S 3+00W	20
MS L12+00S 3+25W	25
MS L12+00S 3+50W	20
MS L12+00S 3+75W	15
MS L12+00S 4+00W	15
MS L12+00S 4+25W	20
MS L12+00S 4+50W	20
MS L12+00S 4+75W	20
MS L12+00S 5+00W	15
MS L12+00S 5+25W	15
MS L12+00S 5+50W	20
MS L12+00S 5+75W	15
MS L12+00S 6+00W	15
MS L12+00S 6+25W	15

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION: MR. STEVE TODORUK
PROJECT: NONE GIVEN

REPORT#: 881600PA
JOB#: 881600
INVOICE#: 881600NA

DATE RECEIVED: 88/10/12
DATE COMPLETED: 88/10/28
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
MS88 B/L 0+00N	.5	1.29	279	ND	84	ND	.16	31.3	6	26	1683	1.98	.08	.45	156	2	.06	15	.05	154	ND	ND	ND	2	15	ND	ND	1914
MS88 B/L 0+25N	.2	1.98	45	ND	195	ND	.21	2.4	8	38	132	2.91	.12	.80	222	1	.02	23	.04	56	ND	ND	ND	3	19	ND	ND	244
MS88 B/L 0+75N	.2	2.06	29	ND	164	ND	.18	.8	6	31	54	3.33	.13	.34	107	2	.02	15	.03	54	ND	ND	ND	4	16	ND	ND	143
MS88 B/L 1+00N	.2	2.05	31	ND	214	ND	.25	1.1	11	40	40	3.64	.15	.84	456	2	.02	24	.04	51	ND	ND	ND	4	21	ND	ND	147
MS88 B/L 1+25N	.2	2.09	25	ND	209	ND	.24	.8	9	39	36	3.04	.13	.85	216	1	.02	26	.04	48	ND	ND	ND	3	21	ND	ND	120
MS88 B/L 1+50N	.2	2.08	24	ND	216	ND	.22	.7	9	37	37	3.07	.13	.63	180	1	.02	22	.03	52	ND	ND	ND	3	20	ND	ND	112
MS88 B/L 1+75N	.2	1.96	22	ND	176	ND	.24	.7	11	36	34	3.20	.14	.78	253	1	.02	26	.05	48	ND	ND	ND	3	21	ND	ND	125
MS L 0+00 0+25W	.2	2.15	22	ND	128	ND	.15	1.1	9	33	34	3.36	.13	.45	421	2	.02	19	.03	54	ND	ND	ND	3	16	ND	ND	115
MS L 0+00 0+50W	.1	2.45	21	ND	159	ND	.13	.8	7	35	36	4.03	.15	.29	120	2	.02	16	.03	59	ND	ND	ND	3	15	ND	ND	116
MS L 0+00 0+75W	.1	2.16	21	ND	140	ND	.18	1.1	5	33	35	4.55	.17	.22	170	2	.02	12	.03	58	ND	ND	ND	4	13	ND	ND	111
MS L 0+00 1+00W	.1	1.73	15	ND	119	ND	.10	.6	6	25	31	2.99	.11	.21	140	2	.02	11	.03	47	ND	ND	ND	4	11	ND	ND	93
MS L 0+00 1+25W	.1	1.90	18	ND	92	ND	.10	.3	5	26	27	3.02	.11	.19	71	1	.02	10	.02	48	ND	ND	ND	3	13	ND	ND	96
MS L 0+00 1+50W	.3	3.14	24	ND	120	ND	.06	.2	5	29	31	3.69	.13	.16	93	3	.02	14	.04	79	ND	ND	ND	5	11	ND	ND	92
MS L 0+00 2+50W	.1	2.22	17	ND	73	4	.05	1.2	5	36	35	6.02	.20	.10	55	3	.02	6	.02	62	ND	ND	ND	6	8	ND	ND	79
MS L 0+00 2+75W	.1	1.30	11	ND	82	ND	.06	.3	5	19	22	2.44	.09	.13	65	1	.02	6	.01	37	ND	ND	ND	4	9	ND	ND	62
MS L 0+00 3+00W	.5	6.17	43	ND	81	4	.03	1.2	6	42	36	5.92	.20	.10	126	4	.03	14	.03	138	ND	ND	ND	6	6	ND	ND	126
MS L 0+00 3+25W	.3	5.77	41	ND	110	3	.08	1.2	6	41	37	5.41	.19	.08	118	3	.02	13	.05	128	ND	ND	ND	4	11	ND	ND	89
MS L 0+00 3+50W	.5	4.99	34	ND	88	3	.05	1.1	7	29	31	4.62	.16	.13	240	3	.03	20	.05	118	ND	ND	ND	6	8	ND	ND	194
MS L 0+00 3+75W	.3	6.06	34	ND	85	ND	.06	1.1	7	33	33	4.50	.15	.10	258	3	.03	15	.05	130	ND	ND	ND	5	6	ND	ND	135
MS L 0+00 4+00W	.1	1.82	12	ND	90	ND	.04	.2	3	18	20	2.33	.08	.09	90	1	.02	5	.01	53	ND	ND	ND	4	8	ND	ND	75
MS L 0+00 4+25W	.4	6.68	27	ND	85	3	.06	.8	8	37	40	4.88	.17	.09	269	4	.02	28	.07	147	ND	ND	ND	6	7	ND	ND	125
MS L 0+00 4+50W	.3	4.61	31	ND	105	3	.04	1.1	9	32	36	5.04	.17	.11	303	3	.03	19	.04	113	ND	ND	ND	5	6	ND	ND	143
MS L 0+00 4+75W	.1	3.83	29	ND	70	ND	.06	1.2	8	35	38	5.45	.19	.07	267	3	.02	9	.05	92	ND	ND	ND	6	8	ND	ND	102
MS L 0+00 5+00W	.5	5.44	32	ND	89	ND	.28	.8	7	24	35	4.22	.18	.14	247	3	.03	16	.06	124	ND	ND	ND	5	12	ND	ND	164
MS L 0+00 5+25W	.3	5.42	36	ND	76	ND	.07	1.1	8	31	37	3.94	.14	.13	221	4	.03	15	.06	125	ND	ND	ND	5	6	ND	ND	147
MS L 0+00 5+50W	.3	4.13	23	ND	76	3	.02	1.4	5	38	33	5.88	.19	.06	81	3	.02	9	.05	109	ND	ND	ND	7	4	ND	ND	68
MS L 0+00 5+75W	.1	4.30	21	ND	92	3	.19	1.4	4	41	39	6.06	.22	.06	62	3	.02	11	.06	105	ND	ND	ND	5	15	ND	ND	68
MS L 0+00 6+00W	.5	4.78	29	ND	105	3	.11	1.1	9	17	37	4.73	.17	.18	841	5	.09	14	.05	125	ND	ND	ND	7	8	ND	ND	248
MS L 0+00 6+25W	.4	5.16	26	ND	68	ND	.10	1.1	5	26	35	4.23	.15	.09	237	3	.03	11	.06	118	ND	ND	ND	5	8	ND	ND	133
MS88L2+00N0+25W	.1	1.69	14	ND	150	ND	.19	.2	7	32	25	2.47	.11	.62	158	1	.01	20	.04	41	ND	ND	ND	3	16	ND	ND	81
MS88L2+00N0+50W	.1	1.83	17	ND	120	ND	.22	1.1	12	30	30	3.61	.15	.56	1033	2	.02	23	.08	48	ND	ND	ND	4	17	ND	ND	129
MS88L2+00N0+75W	.1	1.56	14	ND	193	ND	.25	.7	11	32	24	2.82	.13	.69	655	1	.02	22	.08	42	ND	ND	ND	3	20	ND	ND	110
MS88L2+00N1+00W	.3	3.36	31	ND	143	ND	.23	1.2	12	28	33	3.85	.16	.37	689	3	.04	23	.06	89	ND	ND	ND	6	12	ND	ND	192
MS88L2+00N1+25W	.1	1.86	21	ND	109	ND	.24	.3	6	28	28	3.32	.14	.37	198	2	.02	13	.05	52	ND	ND	ND	4	15	ND	ND	100
MS88L2+00N1+50W	.1	1.80	17	ND	132	ND	.19	.7	9	26	21	2.99	.12	.39	323	2	.03	12	.04	48	ND	ND	ND	3	18	ND	ND	174
MS88L2+00N1+75W	.1	1.84	15	ND	110	ND	.10	1.2	5	29	26	3.73	.13	.24	89	2	.02	9	.03	51	ND	ND	ND	4	12	ND	ND	68
MS88L2+00N2+00W	.2	1.65	11	ND	129	ND	.09	.2	7	24	24	2.23	.08	.22	264	1	.02	10	.02	46	ND	ND	ND	3	13	ND	ND	62
MS88L2+00N2+25W	.1	3.06	21	ND	137	3	.15	1.5	5	36	36	4.54	.17	.11	76	2	.02	16	.04	75	ND	ND	ND	4	15	ND	ND	95
MS88L2+00N2+50W	.3	2.58	15	ND	116	ND	.11	.7	9	29	27	3.25	.12	.31	240	2	.02	15	.03	66	ND	ND	ND	4	12	ND	ND	126
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

CLIENT: PAMICON JOB#: 881600 PROJECT: NONE GIVEN REPORT: 881600PA

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
MS88L2+00N2+75W	.2	1.10	7	ND	44	ND	.06	.4	4	15	23	2.00	.07	.10	61	1	.01	7	.02	37	ND	ND	ND	4	9	ND	ND	63
MS88L2+00N3+00W	.1	3.07	22	ND	74	ND	.13	.9	8	33	38	3.93	.15	.24	615	2	.02	13	.06	80	ND	ND	ND	5	11	ND	ND	161
MS88L2+00N3+25W	.1	1.78	11	ND	77	ND	.05	.6	4	23	29	3.53	.12	.10	110	2	.02	8	.02	58	ND	ND	ND	6	9	ND	ND	74
MS88L2+00N3+50W	.1	1.53	6	ND	113	ND	.10	.3	6	20	22	2.76	.10	.14	113	1	.02	9	.02	46	ND	ND	ND	3	13	ND	ND	71
MS88L2+00N3+75W	.5	5.69	28	ND	72	ND	.08	.8	5	29	31	4.26	.15	.11	173	3	.03	13	.04	125	ND	ND	ND	5	7	ND	ND	138
MS88L2+00N4+00W	.1	2.14	16	ND	108	ND	.06	.4	4	28	25	3.57	.12	.12	81	2	.02	8	.03	59	ND	ND	ND	4	12	ND	ND	66
MS88L2+00N4+25W	.3	3.51	21	ND	85	ND	.10	.9	6	21	30	3.58	.13	.12	196	3	.02	15	.05	92	ND	ND	ND	6	10	ND	ND	172
MS88L2+00N4+50W	.8	4.41	29	ND	88	3	.03	.8	9	23	33	4.45	.15	.11	344	3	.05	20	.03	113	ND	ND	ND	7	4	ND	ND	192
MS88L2+00N4+75W	.1	1.13	5	ND	82	ND	.08	.1	4	17	16	1.58	.06	.21	151	1	.01	8	.02	32	ND	ND	ND	2	11	ND	ND	53
MS88L2+00N5+00W	.1	1.32	10	ND	108	ND	.24	.4	3	22	36	2.28	.11	.18	179	1	.01	10	.04	67	ND	ND	ND	3	13	ND	ND	78
MS88L2+00N5+25W	.1	1.23	5	ND	76	ND	.07	.1	3	17	21	1.42	.05	.14	56	1	.01	6	.03	49	ND	ND	ND	2	11	ND	ND	52
MS88L2+00N5+50W	.1	1.04	3	ND	76	ND	.10	.1	3	15	20	1.64	.06	.13	60	1	.01	8	.04	39	ND	ND	ND	3	11	ND	ND	52
MS88L2+00N5+75W	.2	3.71	22	ND	121	ND	.17	.8	6	28	38	4.15	.16	.21	174	3	.05	17	.07	101	ND	ND	ND	5	14	ND	ND	145
MS88L2+00N6+00W	.2	3.61	18	ND	115	ND	.11	1.1	6	24	29	3.65	.13	.17	234	3	.03	14	.06	95	ND	ND	ND	5	14	ND	ND	128
MSL4+00W 2+25N	.1	3.83	19	ND	114	ND	.11	.8	4	43	34	4.63	.17	.08	93	2	.02	11	.06	89	ND	ND	ND	4	17	ND	ND	77
MSL4+00W 2+50N	.1	2.20	12	ND	88	ND	.12	.4	7	34	31	2.92	.11	.56	1083	2	.07	22	.06	56	ND	ND	ND	4	16	ND	ND	165
MSL4+00W 2+75N	.1	5.36	28	ND	120	ND	.09	1.4	8	40	43	5.16	.18	.10	341	3	.02	15	.07	123	ND	ND	ND	5	9	ND	ND	116
MSL4+00W 3+00N	.1	4.75	21	ND	140	3	.25	1.7	6	52	47	6.79	.26	.09	307	3	.03	15	.07	111	ND	ND	ND	5	22	ND	ND	97
MSL4+00W 3+25N	.1	7.19	35	ND	97	ND	.09	.9	6	44	41	5.01	.18	.07	222	3	.03	13	.08	143	ND	ND	ND	3	8	ND	ND	98
MSL4+00W 3+50N	.1	5.11	30	ND	109	ND	.07	.6	7	36	39	4.53	.16	.10	301	3	.02	17	.06	111	ND	ND	ND	5	8	ND	ND	103
MSL4+00W 3+75N	.2	4.29	21	ND	106	ND	.11	.5	8	31	42	3.43	.13	.17	376	3	.03	32	.06	101	ND	ND	ND	4	10	ND	ND	210
MSL4+00W 4+00N	.1	5.10	24	ND	92	ND	.07	.9	10	32	42	4.01	.14	.21	970	3	.04	24	.07	116	ND	ND	ND	4	6	ND	ND	191
MSL4+00W 4+25N	.1	5.77	24	ND	157	3	.07	1.4	7	53	50	6.67	.23	.20	405	3	.03	19	.09	120	ND	ND	ND	4	13	ND	ND	142
MSL4+00W 4+50N	.1	4.36	25	ND	71	ND	.13	.3	7	38	45	3.08	.12	.37	1333	3	.02	23	.12	90	ND	ND	ND	5	11	ND	ND	191
MSL4+00W 4+75N	.1	3.71	23	ND	90	ND	.10	.4	9	32	39	3.58	.14	.30	1958	3	.04	22	.08	85	ND	ND	ND	5	10	ND	ND	220
MSL4+00W 5+00N	.2	1.78	11	ND	103	ND	.11	.4	8	26	25	2.86	.11	.52	231	1	.02	13	.04	53	ND	ND	ND	6	15	ND	ND	68
MSL4+00W 5+25N	.1	2.08	14	ND	144	ND	.17	.8	14	22	30	2.84	.12	.35	1080	2	.04	17	.06	53	ND	ND	ND	3	16	ND	ND	183
MSL4+00W 5+50N	.1	2.69	20	ND	106	ND	.16	.6	7	33	32	3.98	.15	.26	393	3	.03	13	.05	69	ND	ND	ND	4	14	ND	ND	116
MSL4+00W 5+75N	.1	5.36	26	ND	96	ND	.05	.9	7	40	34	5.11	.17	.09	144	3	.02	14	.04	116	ND	ND	ND	4	11	ND	ND	115
MSL4+00W 6+00N	.1	1.59	8	ND	149	ND	.22	.4	5	20	21	1.93	.09	.25	200	1	.02	11	.03	44	ND	ND	ND	4	19	ND	ND	84
MSL4+00W 6+25N	.5	4.96	31	ND	148	ND	.05	1.6	15	27	39	5.12	.18	.17	238	5	.06	25	.04	126	ND	ND	ND	7	8	ND	ND	250
MSL4+00W 6+75N	.1	2.33	17	ND	106	ND	.16	.5	10	29	28	2.99	.12	.39	1081	2	.02	19	.06	59	ND	ND	ND	3	15	ND	ND	150
MSL4+00W 7+00N	.5	7.25	37	ND	142	ND	.16	1.2	9	41	41	5.46	.20	.13	355	4	.04	24	.08	155	ND	ND	ND	4	21	ND	ND	168
MS88L8+00S0+25E	.1	1.89	13	ND	162	ND	.11	.1	5	30	24	2.70	.10	.31	142	1	.01	14	.04	48	ND	ND	ND	3	16	ND	ND	66
MS88L8+00S0+50E	.1	1.53	17	ND	151	ND	.22	.4	7	27	24	2.48	.11	.49	297	1	.01	16	.07	40	ND	ND	ND	3	18	ND	ND	87
MS88L8+00S0+75E	.1	3.57	21	ND	101	ND	.16	.9	8	36	34	3.93	.15	.26	555	2	.02	15	.07	82	ND	ND	ND	4	13	ND	ND	111
MS88L8+00S1+00E	.2	1.68	19	ND	115	ND	.09	.4	4	24	32	3.36	.12	.14	127	2	.02	11	.04	53	ND	ND	ND	4	12	ND	ND	66
MS88L8+00S1+25E	.1	3.51	22	ND	106	ND	.12	.4	5	32	37	3.82	.14	.20	230	2	.02	16	.07	80	ND	ND	ND	4	14	ND	ND	85
MS88L8+00S1+50E	.1	2.18	17	ND	87	ND	.16	.4	7	28	23	3.05	.12	.30	495	1	.02	12	.07	56	ND	ND	ND	3	13	ND	ND	115
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#: 881600 PROJECT: NONE GIVEN REPORT: 881600PA

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
MS88L8+00S1+75E	.2	1.31	10	ND	108	7	.13	.4	5	20	21	2.48	.10	.21	129	1	.01	10	.03	36	ND	ND	ND	3	13	ND	ND	64
MS88L8+00S2+00E	.1	3.44	18	ND	117	21	.14	1.7	6	42	42	7.11	.25	.20	151	3	.02	13	.05	82	ND	ND	ND	5	13	ND	ND	104
MS88L8+00S2+25E	.1	1.77	6	ND	111	7	.36	.4	7	24	29	3.26	.16	.16	155	2	.03	9	.06	48	ND	ND	ND	3	22	ND	ND	147
MS88L8+00S2+50E	.1	1.59	ND	ND	88	ND	.32	.1	4	19	23	2.44	.12	.15	102	1	.02	9	.06	38	ND	ND	ND	3	20	ND	ND	82
MS88L8+00S2+75E	.1	1.13	3	ND	81	ND	.22	.1	3	13	15	1.29	.07	.13	59	1	.01	6	.02	28	ND	ND	ND	3	16	ND	ND	52
MS88L8+00S3+00E	.1	1.88	10	ND	119	ND	.22	.4	7	28	26	2.64	.12	.42	279	1	.02	16	.09	41	ND	ND	ND	3	19	ND	ND	88
MS88L8+00S3+25E	.1	1.87	12	ND	151	ND	.18	.4	6	30	25	3.11	.13	.37	209	1	.02	13	.04	47	ND	ND	ND	4	19	ND	ND	77
MS88L8+00S3+50E	.2	1.38	5	ND	97	ND	.12	.1	5	19	20	1.84	.07	.26	176	1	.02	9	.02	37	ND	ND	ND	4	12	ND	ND	63
MS88L8+00S3+75E	.2	1.34	8	ND	253	ND	.18	.1	7	24	22	2.05	.09	.45	261	1	.01	13	.03	33	ND	ND	ND	3	18	ND	ND	65
MS88L8+00S4+00E	.1	2.28	13	ND	367	12	.27	.9	14	43	33	3.58	.15	.96	514	1	.02	30	.06	52	ND	ND	ND	3	23	ND	ND	112
MS88L8+00S4+25E	.1	2.42	17	ND	156	11	.43	1.2	16	39	39	3.89	.19	.69	688	2	.02	31	.09	54	ND	ND	ND	2	28	ND	ND	113
MS88L8+00S4+50E	.1	2.07	17	ND	205	9	.26	.8	17	40	34	3.41	.15	.93	748	1	.02	30	.07	47	ND	ND	ND	3	22	ND	ND	100
MS88L8+00S4+75E	.1	1.97	17	ND	227	6	.25	.9	15	37	36	3.20	.14	.81	670	1	.02	27	.07	47	ND	ND	ND	3	21	ND	ND	116
MS88L8+00S5+00E	.2	1.71	13	ND	149	6	.36	.9	14	41	35	3.01	.15	1.09	579	1	.02	43	.10	38	ND	ND	ND	2	25	ND	ND	115
MS88L8+00S5+25E	.1	1.91	14	ND	235	7	.45	.9	16	41	38	3.39	.17	1.17	679	1	.02	40	.11	42	ND	ND	ND	3	30	ND	ND	123
MS88L8+00S5+50E	.2	2.02	15	ND	135	10	.34	1.1	15	40	38	3.32	.16	1.10	922	1	.02	38	.12	45	ND	ND	ND	2	26	ND	ND	117
MS88L8+00S5+75E	.1	2.10	15	ND	247	4	.38	.4	14	42	31	3.30	.16	1.15	541	1	.02	34	.10	45	ND	ND	ND	3	29	ND	ND	115
MS88L8+00S6+00E	.1	1.85	14	ND	114	7	.27	.8	12	39	31	3.12	.14	1.00	399	1	.02	29	.08	40	ND	ND	ND	3	22	ND	ND	93
MS88L8+00S6+25E	.1	1.74	9	ND	212	4	.37	.9	15	38	34	3.06	.15	1.05	574	1	.02	34	.10	41	ND	ND	ND	3	27	ND	ND	112
MS88L8+00S0+00W	.1	.98	ND	ND	150	ND	.15	1.2	3	12	15	1.28	.06	.19	153	1	.01	7	.03	26	ND	ND	ND	2	13	ND	ND	48
MS88L8+00S0+25W	.1	1.97	12	ND	122	ND	.15	.5	9	28	31	2.87	.11	.27	243	2	.02	26	.04	46	ND	ND	ND	3	14	ND	ND	78
MS88L8+00S0+50W	.3	3.74	26	ND	109	10	.11	1.2	9	37	38	4.36	.16	.27	242	3	.02	18	.06	85	ND	ND	ND	4	13	ND	ND	121
MS88L8+00S0+75W	.1	3.26	21	ND	137	5	.14	1.1	8	32	34	4.26	.16	.24	493	3	.02	17	.08	78	ND	ND	ND	5	13	ND	ND	136
MS88L8+00S1+00W	.1	1.35	3	ND	47	ND	.11	.4	9	21	22	2.64	.11	.31	1822	1	.02	12	.06	37	ND	ND	ND	4	11	ND	ND	72
MS88L8+00S1+25W	.2	2.40	15	ND	120	ND	.11	.8	5	33	30	4.11	.15	.12	108	2	.02	12	.05	58	ND	ND	ND	3	13	ND	ND	66
MS88L8+00S1+50W	.2	2.11	16	ND	128	4	.08	.4	6	26	34	4.80	.17	.14	134	3	.02	11	.06	61	ND	ND	ND	5	17	ND	ND	87
MS88L8+00S1+75W	.4	1.44	11	ND	67	ND	.06	.8	5	16	29	3.33	.11	.08	124	2	.02	5	.02	51	ND	ND	ND	9	8	ND	ND	61
MS88L8+00S2+00W	.2	2.66	14	ND	110	ND	.11	.4	5	19	32	3.69	.14	.09	174	2	.02	10	.05	67	ND	ND	ND	5	15	ND	ND	91
MS88L8+00S2+25W	.5	7.11	25	ND	85	10	.02	1.1	5	38	37	5.62	.19	.04	333	4	.03	7	.07	145	ND	ND	ND	5	6	ND	ND	95
MS88L8+00S2+50W	.3	2.11	9	ND	79	ND	.03	.4	4	26	25	4.12	.14	.05	70	2	.02	7	.04	58	ND	ND	ND	5	7	ND	ND	43
MS88L8+00S2+75W	.2	1.64	9	ND	45	ND	.03	.1	3	15	15	1.97	.07	.07	54	1	.01	4	.02	38	ND	ND	ND	3	7	ND	ND	41
MS88L8+00S3+00W	.5	4.39	19	ND	84	6	.08	1.1	5	27	37	5.08	.18	.20	143	4	.04	14	.06	106	ND	ND	ND	6	9	ND	ND	134
MS88L8+00S3+25W	.4	4.99	27	ND	88	21	.04	1.2	5	45	43	7.19	.24	.05	107	4	.03	9	.06	118	ND	ND	ND	8	11	ND	ND	70
MS88L8+00S4+25W	.4	5.08	24	ND	96	18	.04	.9	5	34	35	6.41	.21	.07	145	4	.03	8	.04	115	ND	ND	ND	6	7	ND	ND	90
MS88L8+00S4+50W	.4	5.30	26	ND	88	3	.04	1.1	5	28	33	4.49	.15	.09	220	3	.02	10	.06	116	ND	ND	ND	4	7	ND	ND	128
MS88L8+00S4+75W	.5	8.81	33	ND	99	11	.04	1.6	5	42	37	6.65	.22	.09	186	4	.03	11	.07	172	ND	ND	ND	2	6	ND	ND	109
MS88L8+00S5+00W	.5	4.82	28	ND	85	7	.08	1.1	5	27	36	5.20	.18	.08	291	3	.03	7	.05	112	ND	ND	ND	5	7	ND	ND	117
MS88L8+00S5+25W	.4	1.40	10	ND	54	ND	.07	.6	4	20	24	3.65	.13	.06	67	2	.02	6	.03	45	ND	ND	ND	6	10	ND	ND	51
MS88L8+00S5+50W	.4	3.27	18	ND	56	ND	.06	.5	4	19	30	3.51	.12	.10	82	3	.03	9	.06	83	ND	ND	ND	6	9	ND	ND	98
MS88L8+00S^2	2.2	.01	ND	ND	ND	ND	.01	.1	ND	ND	2	.01	.01	.01	ND	ND	.01	1	.01	ND	ND	ND	ND	4	ND	ND	ND	3
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#: 881600 PROJECT: NONE GIVEN REPORT: 881600PA

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
MSL12+00S 0+75W	.1	2.67	28	ND	62	ND	.04	.1	4	15	21	2.87	.10	.07	105	1	.02	7	.04	63	ND	ND	ND	3	6	ND	ND	92
MSL12+00S 1+00W	.1	2.45	23	ND	69	ND	.05	.9	5	21	31	4.63	.16	.08	110	2	.03	8	.03	79	ND	ND	ND	8	8	ND	ND	131
MSL12+00S 1+25W	.5	6.90	45	ND	90	ND	.02	1.2	10	19	32	6.05	.20	.16	417	4	.07	17	.05	154	ND	ND	ND	7	2	ND	ND	360
MSL12+00S 1+50W	.1	2.93	20	ND	89	ND	.06	.5	5	25	31	4.12	.14	.09	232	2	.02	8	.06	81	ND	ND	ND	6	10	ND	ND	94
MSL12+00S 1+75W	.3	6.64	60	ND	43	ND	.03	.6	8	28	35	6.35	.21	.10	837	4	.05	6	.07	155	ND	ND	ND	6	3	ND	ND	150
MSL12+00S 2+00W	.2	7.66	38	ND	69	ND	.07	.9	4	29	37	5.43	.19	.06	307	3	.03	7	.10	153	ND	ND	ND	3	13	ND	ND	114
MSL12+00S 2+25W	1.7	6.35	42	ND	58	ND	.03	.4	10	23	32	5.05	.17	.10	341	4	.08	8	.07	146	ND	ND	ND	7	4	ND	ND	186
MSL12+00S 2+50W	.3	4.63	66	ND	71	4	.05	3.1	7	45	53	13.15	.44	.13	648	5	.04	6	.05	136	ND	ND	ND	8	10	ND	ND	120
MSL12+00S 2+75W	.1	2.82	24	ND	92	ND	.06	1.2	7	24	39	4.23	.15	.14	2660	3	.09	13	.07	76	ND	ND	ND	7	8	ND	ND	200
MSL12+00S 3+00W	.1	4.66	20	ND	66	ND	.01	1.7	4	38	33	9.14	.30	.08	174	3	.03	6	.05	122	ND	ND	ND	7	4	ND	ND	122
MSL12+00S 3+25W	.5	7.34	32	ND	58	ND	.01	.9	4	26	29	5.17	.17	.04	240	3	.03	4	.06	153	ND	ND	ND	3	2	ND	ND	89
MSL12+00S 3+50W	.1	4.27	24	ND	60	ND	.03	1.1	5	22	32	4.96	.17	.06	423	2	.03	6	.06	110	ND	ND	ND	6	4	ND	ND	94
MSL12+00S 3+75W	.1	4.53	25	ND	66	ND	.16	.9	9	21	31	4.51	.17	.12	961	3	.03	9	.07	109	ND	ND	ND	7	14	ND	ND	181
MSL12+00S 4+00W	.5	6.46	35	ND	35	ND	.02	.8	6	25	36	7.19	.24	.09	265	4	.04	6	.06	153	ND	ND	ND	10	2	ND	ND	143
MSL12+00S 4+25W	.1	2.97	24	ND	29	ND	.06	.4	4	21	41	4.88	.17	.06	132	2	.02	3	.04	84	ND	ND	ND	8	6	ND	ND	73
MSL12+00S 4+50W	.1	5.57	38	ND	41	ND	.06	.5	12	27	48	7.65	.26	.15	351	2	.02	10	.08	104	ND	ND	ND	2	7	ND	ND	106
MSL12+00S 4+75W	.1	3.85	21	ND	56	ND	.09	1.2	4	23	32	5.98	.21	.05	86	2	.02	4	.05	99	ND	ND	ND	7	9	ND	ND	62
MSL12+00S 5+00W	.2	6.82	16	ND	43	3	.02	2.1	8	28	38	9.04	.30	.23	271	3	.03	5	.07	140	ND	ND	ND	6	3	ND	ND	120
MSL12+00S 5+25W	.1	2.68	78	ND	107	4	.36	2.9	78	222	73	11.35	.43	1.19	1796	2	.04	266	.21	79	ND	ND	ND	1	54	ND	ND	211
MSL12+00S 5+50W	.5	6.31	23	ND	58	ND	.03	1.7	6	32	38	7.65	.25	.10	207	3	.03	12	.05	146	ND	ND	ND	6	6	ND	ND	167
MSL12+00S 5+75W	.6	7.52	34	ND	68	ND	.08	.8	6	27	32	4.71	.16	.22	235	3	.03	28	.05	157	ND	ND	ND	4	5	ND	ND	302
MSL12+00S 6+00W	.6	6.35	34	ND	51	ND	.07	.6	5	26	29	4.88	.17	.13	182	2	.02	12	.06	138	ND	ND	ND	4	5	ND	ND	181
MSL12+00S 6+25W	.1	4.71	25	ND	68	ND	.04	1.2	4	26	36	6.58	.22	.04	102	2	.02	7	.06	121	ND	ND	ND	6	7	ND	ND	78
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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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881632 GA JOB NUMBER: 881632 PAMICON DEVELOPMENT LTD.

SAMPLE #		Au ppb
MS-88 L16+00S	0+25E	20
MS-88 L16+00S	0+50E	15
MS-88 L16+00S	0+75E	90
MS-88 L16+00S	1+00E	10
MS-88 L16+00S	1+25E	15
MS-88 L16+00S	1+50E	nd
MS-88 L16+00S	1+75E	30
MS-88 L16+00S	2+00E	nd
MS-88 L16+00S	2+25E	30
MS-88 L16+00S	1+25W	5
MS-88 L16+00S	1+50W	30
MS-88 L16+00S	1+75W	20
MS-88 L18+30S	0+00W	60
MS-88 L18+30S	0+10W	190
MS-88 L18+30S	0+20W	20
MS-88 L18+30S	0+30W	20
MS-88 L18+30S	0+40W	10
MS-88 L18+30S	0+50W	10
MS-88 L18+40S	0+00W	1600
MS-88 L18+40S	0+10W	1500
MS-88 L18+40S	0+20W	15
MS-88 L18+40S	0+30W	5
MS-88 L18+40S	0+40W	5
MS-88 L18+40S	0+50W	5
MS-88 L18+50S	0+10W	20
MS-88 L18+50S	0+20W	70
MS-88 L18+50S	0+40W	20
MS-88 L18+50S	0+50W	10
MS-88 L18+60S	0+00W	25
MS-88 L18+60S	0+10W	10
MS-88 L18+60S	0+20W	5
MS-88 L18+60S	0+30W	20
MS-88 L18+60S	0+40W	30
MS-88 L18+60S	0+50W	20
MS-88 L22+00S	1+00E	10
MS-88 L22+00S	6+25E	10
MST B/L	12+75S	15
MST 0+00	0+70W	10
MST 0+00	6+00W	10
DETECTION LIMIT		5

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

VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 881632 GA JOB NUMBER: 881632 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
MST TL 1+75N	5
MST L16+00S 2+00W	5

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED
1988 TRIUMPH STREET
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(604) 251-5656 FAX (604) 254-5717

REPORT #: 881632 PA PAMICON DEVELOPMENT Proj: MAGENTA Date In: 88/10/12 Date Out:88/11/01 Att: S TODDRUK VGC ICP REPORT

Sample Number	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
MS-88 L16+00S 0+25E	0.1	2.16	22	<3	54	<3	0.03	0.1	3	12	19	3.14	0.07	0.06	183	1	0.03	6	0.04	52	<3	<5	<2	6	6	<5	<3	88
MS-88 L16+00S 0+50E	0.5	4.89	12	<3	45	<3	0.03	0.1	3	13	25	3.95	0.12	0.06	309	3	0.03	3	0.06	84	<3	<5	<2	4	6	<5	<3	109
MS-88 L16+00S 0+75E	0.5	6.63	<3	<3	33	<3	0.05	0.6	5	15	41	3.75	0.11	0.10	306	3	0.04	7	0.06	110	<3	<5	<2	3	4	<5	<3	132
MS-88 L16+00S 1+00E	0.1	1.58	3	<3	51	<3	0.06	0.1	3	12	22	2.50	0.08	0.06	172	2	0.02	3	0.04	44	<3	<5	<2	6	10	<5	<3	77
MS-88 L16+00S 1+25E	0.5	1.45	<3	<3	52	<3	0.03	0.1	4	15	24	2.86	0.08	0.06	137	2	0.02	3	0.04	53	<3	<5	<2	10	8	<5	<3	62
MS-88 L16+00S 1+50E	0.1	3.35	6	<3	44	<3	0.02	0.5	3	18	23	4.91	0.14	0.04	112	3	0.03	3	0.08	71	<3	<5	<2	6	4	<5	<3	73
MS-88 L16+00S 1+75E	1.7	5.72	18	<3	46	3	0.03	0.8	6	13	25	5.05	0.17	0.15	1051	4	0.07	6	0.08	94	<3	<5	<2	5	2	<5	<3	213
MS-88 L16+00S 2+00E	0.5	3.22	25	<3	96	<3	0.07	0.5	5	15	24	3.64	0.12	0.11	291	3	0.04	4	0.07	64	<3	<5	<2	5	8	<5	<3	111
MS-88 L16+00S 2+25E	0.1	3.50	309	<3	198	4	0.15	0.6	14	23	34	5.45	0.20	0.63	446	3	0.04	13	0.08	46	<3	<5	<2	<2	12	<5	<3	159
MS-88 L16+00S 1+25W	0.5	1.26	4	<3	47	<3	0.22	1.1	5	11	27	4.01	0.16	0.10	150	8	0.04	3	0.03	59	<3	<5	<2	13	15	<5	<3	130
MS-88 L16+00S 1+50W	0.2	0.63	<3	<3	21	<3	0.04	1.2	3	8	16	1.92	0.05	0.04	100	2	0.02	2	0.02	25	<3	<5	<2	8	6	<5	<3	56
MS-88 L16+00S 1+75W	0.5	4.99	13	<3	140	3	0.04	1.1	11	57	40	4.30	0.15	0.70	207	3	0.04	60	0.04	71	<3	<5	<2	2	7	<5	<3	227
MS-88 L18+30S 0+00W	3.1	4.16	430	<3	50	<3	0.06	0.1	7	13	53	3.84	0.13	0.12	357	3	0.04	6	0.08	86	<3	<5	<2	4	6	<5	<3	127
MS-88 L18+30S 0+10W	5.6	5.48	<3	<3	52	<3	0.02	0.6	3	14	42	4.19	0.14	0.03	181	6	0.03	2	0.08	146	<3	<5	<2	<2	5	<5	<3	51
MS-88 L18+30S 0+20W	1.8	3.27	<3	<3	42	<3	0.03	1.3	2	16	31	4.00	0.14	0.04	160	3	0.03	3	0.07	72	<3	<5	<2	5	5	<5	<3	81
MS-88 L18+30S 0+30W	0.1	4.02	9	<3	116	<3	0.12	1.6	5	16	32	4.08	0.15	0.15	2085	4	0.07	11	0.10	74	<3	<5	<2	6	14	<5	<3	294
MS-88 L18+30S 0+40W	0.1	0.91	<3	<3	44	<3	0.08	1.1	5	8	18	2.74	0.08	0.06	386	3	0.03	2	0.04	37	<3	<5	<2	7	10	<5	<3	87
MS-88 L18+30S 0+50W	0.1	2.13	<3	<3	167	<3	0.30	3.1	5	15	27	2.66	0.13	0.22	3757	6	0.07	16	0.10	42	<3	<5	<2	4	26	<5	<3	256
MS-88 L18+40S 0+00W	12.1	1.52	867	<3	50	<3	0.08	0.6	11	12	208	3.83	0.13	0.13	695	4	0.03	9	0.07	321	<3	<5	<2	3	10	<5	<3	80
MS-88 L18+40S 0+10W	6.6	3.30	67	<3	44	3	0.08	1.1	7	17	147	4.44	0.15	0.12	575	5	0.03	6	0.06	328	<3	<5	<2	4	8	<5	<3	114
MS-88 L18+40S 0+20W	5.3	5.12	17	<3	49	<3	0.04	0.6	6	15	27	4.10	0.15	0.10	417	4	0.06	17	0.05	98	<3	<5	<2	5	3	<5	<3	193
MS-88 L18+40S 0+30W	0.5	2.32	<3	<3	57	<3	0.05	0.6	3	9	20	2.32	0.07	0.05	297	2	0.03	5	0.06	50	<3	<5	<2	5	8	<5	<3	85
MS-88 L18+40S 0+40W	0.5	4.95	11	<3	191	<3	0.08	1.8	5	19	25	4.32	0.15	0.17	1004	4	0.06	22	0.10	88	<3	<5	<2	4	11	<5	<3	385
MS-88 L18+40S 0+50W	0.1	3.39	19	<3	391	<3	0.34	4.6	8	22	50	4.08	0.19	0.34	3488	5	0.10	35	0.10	79	<3	<5	<2	5	31	<5	<3	415
MS-88 L18+50S 0+10W	1.1	1.58	5	<3	52	<3	0.06	0.6	4	13	30	3.47	0.11	0.04	169	2	0.02	4	0.05	78	<3	<5	<2	9	8	<5	<3	79
MS-88 L18+50S 0+20W	1.8	5.25	20	<3	154	7	0.03	1.6	12	12	40	6.25	0.22	0.13	1245	4	0.07	9	0.10	103	<3	<5	<2	3	5	<5	<3	249
MS-88 L18+50S 0+40W	0.2	1.83	<3	<3	38	<3	0.06	0.1	3	10	21	2.45	0.08	0.05	148	2	0.02	2	0.05	49	<3	<5	<2	8	9	<5	<3	53
MS-88 L18+50S 0+50W	0.1	2.99	11	<3	342	<3	0.56	4.5	7	19	43	3.44	0.20	0.34	2874	5	0.08	30	0.14	67	<3	<5	<2	4	51	<5	<3	319
MS-88 L18+60S 0+00W	0.5	5.84	<3	<3	46	<3	0.03	0.8	3	14	28	3.69	0.14	0.06	280	3	0.03	5	0.06	83	<3	<5	<2	2	4	<5	<3	121
MS-88 L18+60S 0+10W	3.5	8.30	<3	<3	36	<3	0.02	0.6	4	8	19	3.95	0.15	0.07	451	4	0.04	2	0.07	100	<3	<5	<2	<2	1	<5	<3	116
MS-88 L18+60S 0+20W	2.2	5.65	7	<3	25	<3	0.02	0.6	3	14	26	4.00	0.16	0.05	343	3	0.03	2	0.08	87	<3	<5	<2	4	3	<5	<3	100
MS-88 L18+60S 0+30W	1.1	5.41	25	<3	62	3	0.07	1.1	7	17	26	5.02	0.20	0.30	499	3	0.04	3	0.07	86	<3	<5	<2	4	15	<5	<3	124
MS-88 L18+60S 0+40W	1.2	7.01	<3	<3	39	<3	0.03	0.6	2	15	21	4.01	0.14	0.03	175	3	0.03	2	0.07	89	<3	<5	<2	<2	2	<5	<3	85
MS-88 L18+60S 0+50W	1.2	1.02	<3	<3	40	<3	0.03	0.1	3	6	17	1.47	0.04	0.03	48	1	0.01	2	0.02	36	<3	<5	<2	8	7	<5	<3	47
MS-88 L22+00S 1+00E	0.1	1.00	<3	<3	105	<3	0.40	0.6	10	20	28	3.02	0.16	0.61	350	1	0.02	10	0.11	19	<3	<5	<2	3	34	<5	<3	61
MS-88 L22+00S 6+25E	0.5	2.75	15	<3	24	<3	0.07	0.5	5	14	48	3.97	0.14	0.20	140	3	0.03	4	0.04	56	<3	<5	<2	6	10	<5	<3	68
MST B/L 12+75S	0.1	2.84	20	<3	275	<3	0.32	1.1	14	39	34	3.77	0.17	0.85	852	3	0.04	45	0.08	52	<3	<5	<2	4	31	<5	<3	220
MST 0+00 0+70W	0.1	2.37	4	<3	296	<3	0.41	1.2	12	21	25	4.16	0.22	0.45	2724	3	0.04	23	0.11	44	<3	<5	<2	4	38	<5	<3	265
MST 0+00 6+00W	0.1	3.04	7	<3	309	<3	0.34	1.6	9	15	36	3.55	0.17	0.27	2907	4	0.05	16	0.08	63	<3	<5	<2	5	54	<5	<3	334
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

REPORT #: 881632 PA PAMICON DEVELOPMENT Proj: MAGENTA Date In: 88/10/12 Date Out:88/11/01 Att: S TODORUK VGC ICP REPORT

Sample Number	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MST TL 1+75N	0.5	2.52	<3	<3	198	<3	0.39	0.8	9	22	31	3.47	0.17	0.40	1552	3	0.05	19	0.08	56	<3	<5	<2	5	58	<5	<3	292
MST L16+00S 2+00W	0.4	2.72	11	<3	148	3	0.36	1.3	22	49	51	4.00	0.19	1.06	1357	3	0.03	65	0.08	51	<3	<5	<2	3	31	<5	<3	199
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

VANGEOCHEM LAB LIMITED

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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
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REPORT NUMBER: 881631 GA JOB NUMBER: 881631 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
MS88 18+00S BL	15
MS88 18+00S 0+10E	20
MS88 18+00S 0+20E	20
MS88 18+00S 0+30E	25
MS88 18+00S 0+40E	20
MS88 18+00S 0+50E	25
MS88 18+00S 0+10W	15
MS88 18+00S 0+20W	30
MS88 18+00S 0+30W	35
MS88 18+00S 0+40W	15
MS88 18+00S 0+50W	15

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED

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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: C. IKONA
PROJECT: MAGENTA

REPORT#: 881631PA
JOB#: 881631
INVOICE#: 881631NA

DATE RECEIVED: 88/10/11
DATE COMPLETED: 88/10/31
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
MS8818+00S0L	.5	5.81	ND	ND	41	3	.01	.8	7	15	445	3.96	.13	.17	457	4	.04	16	.04	621	ND	ND	ND	3	3	ND	ND	251
MS8818+00S0+10E	2.3	4.76	ND	ND	38	ND	.02	.6	6	16	59	4.27	.14	.16	243	4	.03	6	.06	123	ND	ND	ND	3	4	ND	ND	133
MS8818+00S0+20E	.1	4.91	ND	ND	36	ND	.03	.5	3	13	30	4.01	.14	.05	193	3	.03	2	.04	94	ND	ND	ND	4	4	ND	ND	80
MS8818+00S0+30E	2.1	4.16	ND	ND	41	ND	.05	.4	6	20	37	4.12	.14	.10	317	4	.02	25	.07	75	ND	ND	ND	3	5	ND	ND	114
MS8818+00S0+40E	.2	5.47	ND	ND	28	ND	.02	.5	5	13	28	4.30	.15	.06	339	5	.03	2	.05	103	ND	ND	ND	5	2	ND	ND	114
MS8818+00S0+50E	.1	4.54	ND	ND	38	ND	.10	.4	3	14	25	4.17	.15	.04	187	2	.02	2	.04	84	ND	ND	ND	5	9	ND	ND	71
MS8818+00S0+10W	.1	6.16	ND	ND	33	ND	.01	.5	2	14	20	3.57	.12	.07	139	2	.02	4	.05	89	ND	ND	ND	2	3	ND	ND	99
MS8818+00S0+20W	.3	6.75	ND	ND	48	ND	.02	.9	6	12	29	4.56	.16	.12	330	4	.05	5	.05	104	ND	ND	ND	3	3	ND	ND	188
MS8818+00S0+30W	1.3	5.39	23	ND	53	ND	.04	.6	8	12	48	4.61	.16	.10	955	5	.06	9	.07	96	ND	ND	ND	5	4	ND	ND	192
MS8818+00S0+40W	.1	6.10	ND	ND	53	ND	.02	.5	5	19	29	4.50	.16	.06	354	3	.03	5	.05	97	ND	ND	ND	2	4	ND	ND	96
MS8818+00S0+50W	1.1	4.32	ND	ND	39	ND	.06	.1	5	13	24	3.54	.13	.06	264	4	.03	3	.06	84	ND	ND	ND	5	6	ND	ND	111
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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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 881676 GA JOB NUMBER: 881676 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
MS-88 L18+10S 0+10E	30
MS-88 L18+10S 0+20E	10
MS-88 L18+10S 0+30E	5
MS-88 L18+10S 0+40E	20
MS-88 L18+10S 0+50E	5
MS-88 L18+20S 0+10E	20
MS-88 L18+20S 0+20E	5
MS-88 L18+20S 0+30E	15
MS-88 L18+20S 0+40E	5
MS-88 L18+20S 0+50E	20
MS-88 L18+30S 0+10E	40
MS-88 L18+30S 0+20E	20
MS-88 L18+30S 0+30E	60
MS-88 L18+30S 0+40E	10
MS-88 L18+30S 0+50E	15
MS-88 L18+40S 0+10E	30
MS-88 L18+40S 0+20E	15
MS-88 L18+40S 0+30E	10
MS-88 L18+40S 0+40E	15
MS-88 L18+40S 0+50E	5
MS-88 L18+50S 0+10E	90
MS-88 L18+50S 0+30E	35
MS-88 L18+50S 0+40E	15
MS-88 L18+50S 0+50E	nd
MS-88 L18+60S 0+20E	35
MS-88 L18+60S 0+30E	15
MS-88 L18+60S 0+40E	10
MS-88 L18+60S 0+50E	10
MS-88 L18+10S 0+20W	20
MS-88 L18+10S 0+30W	10
MS-88 L18+10S 0+40W	nd
MS-88 L18+10S 0+50W	15
MS-88 L18+20S 0+20W	35
MS-88 L18+20S 0+30W	35
MS-88 L18+20S 0+40W	nd
MS-88 L18+20S 0+50W	15

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED
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REPORT #: 881676 PA PAMICON Proj: MAGENTA Date In: 88/10/18 Date Out:88/11/04 Att: S. TODDRUK VGC ICP REPORT

Sample Number	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
MS-88 L18+10S 0+10E	1.0	4.34	<3	<3	32	<3	0.06	7.3	3	10	65	3.37	0.12	0.06	222	2	0.02	11	0.05	77	<3	<5	<2	2	8	<5	<3	105
MS-88 L18+10S 0+20E	7.8	5.98	<3	<3	33	<3	0.02	1.7	6	8	42	4.65	0.16	0.11	369	2	0.05	6	0.05	95	<3	<5	<2	2	2	<5	<3	192
MS-88 L18+10S 0+30E	0.9	4.50	<3	<3	34	<3	0.02	1.5	6	8	35	4.13	0.14	0.07	362	3	0.05	5	0.03	81	<3	<5	<2	5	2	<5	<3	178
MS-88 L18+10S 0+40E	0.9	6.80	<3	<3	50	<3	0.04	2.1	7	7	32	4.53	0.16	0.09	895	2	0.08	10	0.03	106	<3	<5	<2	<2	3	<5	<3	245
MS-88 L18+10S 0+50E	0.5	7.66	<3	<3	33	<3	0.02	4.1	4	12	33	4.28	0.15	0.07	347	1	0.06	9	0.04	107	<3	<5	<2	<2	1	<5	<3	191
MS-88 L18+20S 0+10E	0.2	4.83	<3	<3	31	3	0.02	3.1	8	17	44	6.01	0.21	0.07	318	3	0.07	6	0.04	102	<3	<5	<2	7	2	<5	<3	147
MS-88 L18+20S 0+20E	0.9	6.03	<3	<3	39	<3	0.03	3.1	6	9	38	4.14	0.14	0.10	259	2	0.05	7	0.05	100	<3	<5	<2	2	4	<5	<3	199
MS-88 L18+20S 0+30E	1.5	7.78	<3	<3	32	<3	0.02	4.3	5	10	29	4.12	0.14	0.10	265	2	0.06	5	0.05	120	<3	<5	<2	<2	1	<5	<3	125
MS-88 L18+20S 0+40E	0.2	5.62	<3	<3	52	<3	0.03	3.4	5	10	35	4.89	0.17	0.12	454	2	0.06	6	0.04	145	<3	<5	<2	2	3	<5	<3	178
MS-88 L18+20S 0+50E	0.5	5.51	<3	<3	52	<3	0.02	1.5	2	6	30	5.08	0.18	0.13	494	2	0.07	3	0.03	78	<3	<5	<2	<2	1	<5	<3	201
MS-88 L18+30S 0+10E	0.9	6.54	<3	<3	69	<3	0.03	2.1	8	4	45	5.37	0.19	0.14	737	2	0.13	6	0.04	132	<3	<5	<2	<2	3	<5	<3	258
MS-88 L18+30S 0+20E	1.0	8.73	<3	<3	42	<3	0.02	2.1	4	10	31	5.15	0.18	0.09	305	<1	0.07	4	0.05	79	<3	<5	<2	<2	2	<5	<3	140
MS-88 L18+30S 0+30E	0.3	4.84	<3	<3	56	<3	0.02	1.5	7	10	41	5.50	0.19	0.24	318	3	0.05	5	0.05	120	<3	<5	<2	<2	4	<5	<3	152
MS-88 L18+30S 0+40E	0.2	5.70	<3	<3	47	<3	0.05	2.1	6	17	34	5.01	0.18	0.09	388	2	0.10	10	0.05	76	<3	<5	<2	<2	6	<5	<3	176
MS-88 L18+30S 0+50E	0.5	5.51	<3	<3	42	<3	0.03	1.5	4	15	27	4.18	0.14	0.06	139	1	0.04	7	0.03	74	<3	<5	<2	3	4	<5	<3	139
MS-88 L18+40S 0+10E	0.2	5.86	<3	<3	39	<3	0.03	2.1	4	12	36	4.88	0.17	0.09	334	2	0.08	4	0.06	93	<3	<5	<2	2	4	<5	<3	143
MS-88 L18+40S 0+20E	0.9	8.72	<3	<3	51	<3	0.03	2.7	5	14	63	5.64	0.20	0.14	288	1	0.05	6	0.08	93	<3	<5	<2	<2	6	<5	<3	153
MS-88 L18+40S 0+30E	0.3	6.60	<3	<3	43	<3	0.03	2.1	5	11	31	4.94	0.17	0.11	366	1	0.06	5	0.05	84	<3	<5	<2	<2	3	<5	<3	180
MS-88 L18+40S 0+40E	0.1	4.07	<3	<3	27	<3	0.03	1.5	5	21	43	5.88	0.20	0.14	208	2	0.04	4	0.05	66	<3	<5	<2	4	5	<5	<3	84
MS-88 L18+40S 0+50E	0.1	5.05	<3	<3	66	<3	0.08	1.1	6	12	29	3.57	0.13	0.13	444	1	0.04	9	0.06	60	<3	<5	<2	<2	9	<5	<3	153
MS-88 L18+50S 0+10E	0.1	4.96	215	<3	54	<3	0.06	1.5	10	14	58	4.60	0.17	0.18	1002	2	0.07	18	0.07	109	<3	<5	<2	<2	7	<5	<3	161
MS-88 L18+50S 0+30E	0.5	4.70	<3	<3	37	<3	0.03	1.4	4	8	33	4.14	0.14	0.07	310	1	0.05	4	0.08	66	<3	<5	<2	<2	5	<5	<3	120
MS-88 L18+50S 0+40E	0.8	6.31	<3	<3	53	<3	0.03	1.2	7	16	38	5.12	0.18	0.14	313	1	0.08	9	0.04	72	<3	<5	<2	<2	4	<5	<3	198
MS-88 L18+50S 0+50E	0.9	5.30	<3	<3	106	<3	0.05	1.7	11	37	44	5.27	0.19	0.29	379	2	0.11	21	0.05	74	<3	<5	<2	3	8	<5	<3	280
MS-88 L18+60S 0+20E	5.1	5.21	<3	<3	40	<3	0.04	1.1	5	13	47	4.35	0.15	0.11	360	1	0.07	3	0.07	80	<3	<5	<2	<2	6	<5	<3	121
MS-88 L18+60S 0+30E	1.2	7.04	<3	<3	32	<3	0.02	1.5	3	9	31	4.80	0.16	0.08	261	1	0.07	3	0.05	79	<3	<5	<2	<2	2	<5	<3	132
MS-88 L18+60S 0+40E	0.9	5.96	<3	<3	55	<3	0.04	1.5	4	20	41	6.61	0.23	0.13	276	2	0.09	6	0.04	87	<3	<5	<2	<2	4	<5	<3	150
MS-88 L18+60S 0+50E	1.0	6.37	<3	<3	89	<3	0.07	2.2	11	66	60	5.46	0.20	0.75	398	1	0.08	40	0.09	67	<3	<5	<2	<2	9	<5	<3	242
MS-88 L18+10S 0+20W	1.1	6.27	<3	<3	37	<3	0.04	0.8	2	11	23	4.31	0.15	0.07	301	<1	0.07	4	0.07	103	<3	<5	<2	<2	5	<5	<3	95
MS-88 L18+10S 0+30W	0.1	3.96	<3	<3	58	<3	0.08	0.7	3	11	18	3.78	0.14	0.06	207	1	0.05	4	0.06	62	<3	<5	<2	<2	8	<5	<3	105
MS-88 L18+10S 0+40W	0.2	4.88	<3	<3	44	<3	0.06	0.6	4	11	18	3.59	0.13	0.07	631	1	0.06	2	0.07	63	<3	<5	<2	<2	7	<5	<3	135
MS-88 L18+10S 0+50W	0.1	4.15	<3	<3	138	<3	0.20	1.2	4	14	26	3.80	0.16	0.21	778	3	0.17	21	0.08	60	<3	<5	<2	2	17	<5	<3	363
MS-88 L18+20S 0+20W	13.3	3.45	<3	<3	106	<3	0.07	1.2	6	12	39	5.28	0.19	0.16	286	1	0.06	5	0.06	143	<3	<5	<2	<2	14	<5	<3	81
MS-88 L18+20S 0+30W	1.0	3.90	<3	<3	26	<3	0.03	0.6	2	13	21	3.66	0.13	0.06	273	1	0.04	1	0.09	56	<3	<5	<2	<2	5	<5	<3	73
MS-88 L18+20S 0+40W	1.0	4.38	<3	<3	30	<3	0.04	0.5	3	10	19	3.97	0.14	0.06	332	1	0.07	1	0.06	70	<3	<5	<2	2	5	<5	<3	76
MS-88 L18+20S 0+50W	0.6	5.43	<3	<3	44	<3	0.02	1.5	3	15	23	4.78	0.17	0.06	214	2	0.08	5	0.08	73	<3	<5	<2	<2	4	<5	<3	138
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

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

REPORT NUMBER: 881823 GA JOB NUMBER: 881823 PRIME EXPLORATION

SAMPLE #	Au ppb
L17+00S 0+25E	20
L17+00S 0+50E	25
L17+00S 0+75E	15
L17+00S 1+00E	10
L17+00S 1+25E	15
L17+00S 1+50E	10
L17+00S 1+75E	10
L17+00S 2+00E	5
L17+00S 2+50E	20
L17+00S 3+00E	15
L17+50S 0+25E	10
L17+50S 0+50E	15
L17+50S 0+75E	10
L17+50S 1+00E	15
L17+50S 1+25E	15
L17+50S 1+50E	20
L17+50S 1+75E	10
L17+50S 2+00E	15
L17+50S 2+25E	10
L17+50S 2+50E	20
L17+50S 2+75E	5
L17+50S 3+00E	10
L18+00S 0+25E	5
L18+00S 0+50E	15
L18+00S 0+75E	20
L18+00S 1+00E	15
L18+00S 1+25E	15
L18+00S 1+50E	20
L18+00S 1+75E	35
L18+00S 2+00E	25
L18+00S 2+25E	45
L18+00S 2+50E	15
L18+00S 2+75E	30
L18+00S 3+00E	20
L18+50S 0+25E	15
L18+50S 0+50E	15
L18+50S 0+75E	15
L18+50S 1+00E	20
L18+50S 1+25E	15
DETECTION LIMIT	5

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

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881823 GA JOB NUMBER: 881823 PRIME EXPLORATION

SAMPLE #	Au ppb
L18+50S 1+50E	20
L18+50S 1+75E	15
L18+50S 2+00E	10
L18+50S 2+25E	10
L18+50S 2+50E	20
L18+50S 2+75E	10
L18+50S 3+00E	10

DETECTION LIMIT 5

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

CLIENT: PANICON JOB#: 881823 PROJECT: PH1Z REPORT: 881823 PA

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L18+50S 1+50E	.3	4.44	ND	ND	19	ND	.03	.4	3	5	23	2.59	.09	.06	319	1	.09	12	.06	37	ND	ND	ND	ND	3	ND	ND	77
L18+50S 1+75E	.2	2.53	ND	ND	29	ND	.08	1.1	3	8	22	3.48	.10	.12	248	3	.09	9	.06	52	ND	ND	ND	3	6	ND	ND	86
L18+50S 2+00E	1.1	6.87	ND	ND	29	3	.05	3.7	2	8	23	5.29	.18	.06	152	1	.08	6	.04	47	ND	ND	ND	ND	4	ND	ND	106
L18+50S 2+25E	.5	4.17	ND	ND	39	ND	.17	1.1	6	15	27	4.65	.15	.10	854	6	.09	10	.04	56	ND	ND	ND	3	10	ND	ND	158
L18+50S 2+50E	.3	4.99	ND	ND	46	ND	.02	1.1	4	15	22	5.26	.20	.13	468	1	.03	5	.06	34	ND	ND	ND	ND	3	ND	ND	59
L18+50S 2+75E	.6	6.06	ND	ND	42	ND	.02	.7	4	11	21	4.81	.16	.07	276	2	.06	6	.04	43	ND	ND	ND	ND	3	ND	ND	120
L18+50S 3+00E	.6	3.50	ND	ND	34	4	.02	.9	3	12	19	4.72	.16	.06	135	4	.06	4	.02	56	ND	ND	ND	5	4	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

VANGEOCHEM LAB LIMITED

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BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION: DON PENNER
PROJECT: PHIZ

REPORT#: 881823 PA
JOB#: 881823
INVOICE#: 881823 NA

DATE RECEIVED: 88/11/22
DATE COMPLETED: 88/11/24
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
L17+00S 0+25E	1.1	4.49	ND	ND	22	ND	.04	.9	3	9	24	3.56	.12	.07	134	3	.06	21	.04	55	ND	ND	ND	2	4	ND	ND	77
L17+00S 0+50E	.5	3.15	ND	ND	25	ND	.04	.9	3	12	24	4.10	.18	.05	161	4	.05	10	.03	59	ND	ND	ND	5	5	ND	ND	63
L17+00S 0+75E	.1	.60	15	ND	24	ND	.09	.1	3	4	15	1.54	.08	.06	208	3	.04	7	.13	27	ND	ND	ND	6	7	ND	ND	50
L17+00S 1+00E	.5	2.29	ND	ND	47	ND	.03	1.1	5	17	27	5.84	.25	.09	194	7	.03	8	.05	69	ND	ND	ND	9	5	ND	ND	60
L17+00S 1+25E	1.1	4.99	ND	ND	41	ND	.06	1.1	5	9	22	4.96	.19	.11	594	4	.11	10	.05	66	ND	ND	ND	3	5	ND	ND	207
L17+00S 1+50E	.1	.80	16	ND	25	ND	.05	.1	2	7	13	1.32	.03	.05	110	3	.04	6	.06	23	ND	ND	ND	5	7	ND	ND	45
L17+00S 1+75E	.1	2.11	12	ND	151	ND	.13	.9	6	12	31	3.25	.13	.26	1847	2	.05	13	.20	33	ND	ND	ND	2	14	ND	ND	183
L17+00S 2+00E	.1	1.03	98	ND	112	ND	.23	.3	8	12	18	2.81	.14	.25	2812	2	.01	11	.13	19	ND	ND	ND	1	17	ND	ND	120
L17+00S 2+50E	.1	4.56	ND	ND	92	ND	.11	1.1	4	12	29	3.95	.19	.21	1964	4	.23	14	.08	40	ND	ND	ND	1	10	ND	ND	309
L17+00S 3+00E	.1	.66	13	ND	25	ND	.14	.1	2	10	16	1.21	.04	.08	155	1	.01	8	.08	9	ND	ND	ND	1	12	ND	ND	49
L17+50S 0+25E	.5	5.79	ND	ND	38	ND	.03	.6	2	6	20	3.96	.14	.07	253	1	.04	5	.03	48	ND	ND	ND	ND	3	ND	ND	110
L17+50S 0+50E	.6	5.20	ND	ND	46	ND	.02	1.1	5	2	21	4.90	.18	.11	694	2	.06	8	.03	57	ND	ND	ND	ND	2	ND	ND	242
L17+50S 0+75E	.6	5.82	ND	ND	29	ND	.02	1.1	5	5	20	5.25	.22	.08	461	3	.05	4	.03	55	ND	ND	ND	ND	1	ND	ND	164
L17+50S 1+00E	.5	6.45	ND	ND	31	ND	.02	1.2	2	11	27	6.16	.26	.03	212	1	.01	4	.04	66	ND	ND	ND	ND	3	ND	ND	73
L17+50S 1+25E	1.2	7.81	ND	ND	29	ND	.01	1.1	3	1	20	3.88	.16	.06	287	ND	.02	3	.04	31	ND	ND	ND	ND	1	ND	ND	96
L17+50S 1+50E	.1	6.96	ND	ND	47	ND	.01	1.2	2	5	17	4.02	.14	.08	419	ND	.01	6	.29	33	ND	ND	ND	ND	2	ND	ND	118
L17+50S 1+75E	.1	2.46	ND	ND	74	ND	.08	.9	7	15	28	5.10	.23	.17	2073	3	.01	11	.19	26	ND	ND	ND	ND	7	ND	ND	156
L17+50S 2+00E	.1	2.73	ND	ND	135	ND	.04	.5	6	9	27	4.05	.18	.18	550	2	.01	10	.07	25	ND	ND	ND	ND	6	ND	ND	103
L17+50S 2+25E	.3	2.49	ND	ND	49	ND	.03	.9	5	12	31	4.79	.20	.21	258	4	.01	10	.05	51	ND	ND	ND	3	3	ND	ND	126
L17+50S 2+50E	.5	5.01	ND	ND	37	ND	.03	1.1	2	10	35	4.32	.19	.06	191	1	.01	6	.03	71	ND	ND	ND	ND	4	ND	ND	108
L17+50S 2+75E	.5	7.49	ND	ND	33	ND	.05	1.1	3	13	29	5.05	.22	.07	251	ND	.01	32	.05	43	ND	ND	ND	ND	2	ND	ND	107
L17+50S 3+00E	.4	6.37	ND	ND	32	ND	.02	1.1	2	13	24	5.21	.19	.05	150	ND	.01	14	.03	48	ND	ND	ND	ND	2	ND	ND	95
L18+00S 0+25E	1.2	5.01	ND	ND	34	ND	.03	.9	4	3	25	3.79	.13	.11	413	2	.01	11	.04	46	ND	ND	ND	ND	3	ND	ND	213
L18+00S 0+50E	.4	3.30	ND	ND	18	ND	.03	.9	3	8	20	3.88	.14	.05	458	4	.01	7	.04	50	ND	ND	ND	2	3	ND	ND	68
L18+00S 0+75E	.4	4.61	ND	ND	23	ND	.02	.6	2	6	17	3.80	.13	.07	267	1	.01	6	.04	45	ND	ND	ND	ND	2	ND	ND	95
L18+00S 1+00E	.5	5.97	ND	ND	24	ND	.01	.5	1	4	18	3.34	.11	.05	195	ND	.01	8	.04	33	ND	ND	ND	ND	2	ND	ND	85
L18+00S 1+25E	1.1	6.58	ND	ND	26	ND	.04	.5	3	2	15	3.24	.11	.05	315	ND	.01	6	.04	35	ND	ND	ND	ND	2	ND	ND	111
L18+00S 1+50E	.2	4.28	ND	ND	20	ND	.01	.9	4	5	23	3.29	.14	.04	237	1	.01	4	.05	47	ND	ND	ND	1	2	ND	ND	74
L18+00S 1+75E	1.2	4.58	ND	ND	30	ND	.08	.3	3	7	22	3.30	.15	.10	177	1	.01	7	.07	40	ND	ND	ND	ND	4	ND	ND	118
L18+00S 2+00E	.1	2.37	ND	ND	46	ND	.02	.4	4	12	26	4.17	.18	.13	123	3	.01	6	.04	30	ND	ND	ND	2	4	ND	ND	74
L18+00S 2+25E	.5	5.69	ND	ND	35	ND	.02	1.1	7	13	50	4.80	.18	.24	237	1	.01	10	.05	85	ND	ND	ND	ND	3	ND	ND	155
L18+00S 2+50E	.2	3.09	ND	ND	39	ND	.03	.5	3	10	27	3.43	.12	.08	346	2	.01	7	.03	41	ND	ND	ND	2	4	ND	ND	104
L18+00S 2+75E	.4	5.31	ND	ND	30	ND	.01	.9	3	11	21	4.23	.15	.11	178	ND	.01	4	.03	40	ND	ND	ND	ND	3	ND	ND	75
L18+00S 3+00E	.4	4.75	ND	ND	22	3	.01	1.6	1	18	31	6.97	.27	.05	132	1	.01	1	.03	58	ND	ND	ND	ND	2	ND	ND	66
L18+50S 0+25E	1.3	3.37	ND	ND	25	ND	.02	1.6	4	7	43	3.68	.13	.10	382	3	.01	7	.06	58	ND	ND	ND	1	3	ND	ND	126
L18+50S 0+50E	2.5	4.47	ND	ND	53	ND	.04	1.8	7	17	76	4.02	.15	.24	284	2	.01	16	.04	39	ND	ND	ND	ND	5	ND	ND	151
L18+50S 0+75E	1.2	2.89	30	ND	54	ND	.07	1.1	5	7	23	3.89	.18	.16	339	3	.01	6	.06	42	ND	ND	ND	1	7	ND	ND	119
L18+50S 1+00E	1.1	5.06	ND	ND	20	ND	.01	1.1	1	7	28	3.97	.14	.04	154	ND	.01	3	.04	44	ND	ND	ND	ND	1	ND	ND	73
L18+50S 1+25E	1.2	4.95	ND	ND	35	ND	.02	.6	3	10	20	3.90	.14	.07	202	1	.01	6	.04	45	ND	ND	ND	ND	4	ND	ND	164
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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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881843 GA JOB NUMBER: 881843 PRIME EXPLORATION

SAMPLE #		Au ppb
L 15+75.0S	0+25.0E	nd
L 15+75.0S	0+37.5E	nd
L 15+75.0S	0+50.0E	5
L 15+75.0S	0+62.5E	25
L 15+75.0S	0+75.0E	20
L 15+75.0S	0+87.5E	10
L 15+75.0S	1+00.0E	10
L 15+75.0S	1+12.5E	10
L 15+87.5S	0+25.0E	10
L 15+87.5S	0+37.5E	10
L 15+87.5S	0+50.0E	20
L 15+87.5S	0+62.5E	5
L 15+87.5S	0+75.0E	10
L 15+87.5S	0+87.5E	10
L 15+87.5S	1+00.0E	20
L 15+87.5S	1+12.5E	15
L 16+00.0S	0+25.0E	15
L 16+00.0S	0+37.5E	20
L 16+00.0S	0+50.0E	20
L 16+00.0S	0+62.5E	10
L 16+00.0S	0+75.0E	55
L 16+00.0S	0+87.5E	20
L 16+00.0S	1+00.0E	5
L 16+00.0S	1+12.5E	10
L 16+12.5S	0+25.0E	15
L 16+12.5S	0+37.5E	10
L 16+12.5S	0+50.0E	10
L 16+12.5S	0+62.5E	15
L 16+12.5S	0+75.0E	15
L 16+12.5S	0+87.5E	20
L 16+12.5S	1+00.0E	20
L 16+12.5S	1+12.5E	15
L 16+25.0S	0+25.0E	20
L 16+25.0S	0+37.5E	15
L 16+25.0S	0+50.0E	10
L 16+25.0S	0+62.5E	10
L 16+25.0S	0+75.0E	10
L 16+25.0S	0+87.5E	10
L 16+25.0S	1+00.0E	20
DETECTION LIMIT		5

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

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REPORT NUMBER: 881843 GA JOB NUMBER: 881843 PRIME EXPLORATION

SAMPLE #	Au ppb
L 16+25.0S 1+12.5E	20

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED
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REPORT #: 881843 PA PRIME EXPL Proj: PHIZ Date In: 88/11/29 Date Out:88/12/05 Att: D. PENNER VGC ICP REPORT

Sample Number		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L 15+75.0S	0+25.0E	0.3	5.36	<3	<3	47	<3	0.07	4.1	10	9	30	3.74	0.13	0.06	235	2	0.06	29	0.08	39	<3	<5	<2	<2	14	<5	<3	109
L 15+75.0S	0+37.5E	0.1	3.34	<3	<3	130	<3	0.05	1.7	5	10	29	3.06	0.11	0.12	2421	3	0.14	20	0.09	34	<3	<5	<2	<2	6	<5	<3	176
L 15+75.0S	0+50.0E	0.1	3.04	<3	<3	45	<3	0.05	0.7	2	11	25	2.85	0.10	0.07	310	2	0.06	11	0.05	31	<3	<5	<2	<2	4	<5	<3	100
L 15+75.0S	0+62.5E	0.1	5.42	<3	<3	26	<3	0.01	0.6	3	8	22	3.25	0.11	0.04	140	1	0.05	6	0.04	36	<3	<5	<2	<2	2	<5	<3	66
L 15+75.0S	0+75.0E	1.2	4.80	<3	<3	23	<3	0.16	0.7	2	8	20	3.46	0.13	0.10	308	2	0.06	6	0.05	36	<3	<5	<2	<2	7	<5	<3	117
L 15+75.0S	0+87.5E	0.1	1.23	13	<3	35	<3	0.03	0.1	3	8	16	1.83	0.06	0.03	75	4	0.05	6	0.02	33	<3	<5	<2	8	5	<5	<3	39
L 15+75.0S	1+00.0E	0.1	2.09	<3	<3	32	<3	0.03	0.6	4	12	25	3.61	0.12	0.04	122	5	0.04	5	0.03	48	<3	<5	<2	9	7	<5	<3	56
L 15+75.0S	1+12.5E	0.2	4.61	<3	<3	36	<3	0.03	0.7	2	8	20	4.13	0.14	0.08	344	2	0.07	7	0.04	41	<3	<5	<2	<2	4	<5	<3	134
L 15+87.5S	0+25.0E	0.1	6.60	<3	<3	34	<3	0.03	1.1	1	5	24	3.63	0.12	0.03	109	<1	0.02	2	0.04	27	<3	<5	<2	<2	12	<5	<3	67
L 15+87.5S	0+37.5E	0.3	6.83	<3	<3	26	<3	0.02	1.1	2	8	16	3.64	0.15	0.06	224	<1	0.05	5	0.03	32	<3	<5	<2	<2	2	<5	<3	97
L 15+87.5S	0+50.0E	0.1	0.92	14	<3	18	<3	0.02	0.1	4	9	19	2.16	0.07	0.02	96	6	0.05	6	0.02	48	<3	<5	<2	11	4	<5	<3	44
L 15+87.5S	0+62.5E	0.1	1.67	4	<3	35	<3	0.04	0.3	4	9	18	3.12	0.13	0.05	357	5	0.06	4	0.03	41	<3	<5	<2	6	5	<5	<3	72
L 15+87.5S	0+75.0E	0.3	4.91	<3	<3	58	3	0.03	1.2	5	1	20	4.84	0.17	0.12	1383	4	0.17	6	0.03	53	<3	<5	<2	<2	3	<5	<3	255
L 15+87.5S	0+87.5E	0.4	5.65	<3	<3	45	<3	0.03	1.1	5	5	22	4.05	0.16	0.10	582	2	0.10	7	0.03	45	<3	<5	<2	<2	4	<5	<3	164
L 15+87.5S	1+00.0E	0.2	3.13	<3	<3	49	<3	0.01	0.7	3	11	18	3.99	0.13	0.03	227	3	0.05	3	0.04	51	<3	<5	<2	4	2	<5	<3	48
L 15+87.5S	1+12.5E	0.1	2.76	19	<3	46	<3	0.02	0.7	5	12	25	3.23	0.11	0.15	173	3	0.03	6	0.03	36	<3	<5	<2	<2	4	<5	<3	59
L 16+00.0S	0+25.0E	0.4	6.85	69	<3	49	3	0.02	1.9	6	3	32	5.36	0.18	0.11	979	3	0.12	8	0.03	60	<3	<5	<2	<2	2	<5	<3	255
L 16+00.0S	0+37.5E	0.3	8.47	82	<3	26	<3	0.01	1.5	4	16	64	4.97	0.17	0.09	354	<1	0.05	9	0.04	34	<3	<5	<2	<2	2	<5	<3	123
L 16+00.0S	0+50.0E	0.3	9.25	<3	<3	45	<3	0.05	1.5	3	5	27	4.12	0.14	0.10	367	<1	0.07	8	0.05	29	<3	<5	<2	<2	6	<5	<3	191
L 16+00.0S	0+62.5E	0.1	1.06	15	<3	38	<3	0.05	0.1	3	8	19	2.48	0.09	0.03	127	5	0.08	4	0.03	31	<3	<5	<2	8	7	<5	<3	64
L 16+00.0S	0+75.0E	0.2	5.00	<3	<3	32	<3	0.11	1.1	8	13	38	4.10	0.17	0.16	427	3	0.04	31	0.05	39	<3	<5	<2	<2	6	<5	<3	80
L 16+00.0S	0+87.5E	0.2	4.01	<3	<3	33	<3	0.04	0.6	3	11	25	3.14	0.11	0.07	240	3	0.07	14	0.06	38	<3	<5	<2	<2	4	<5	<3	89
L 16+00.0S	1+00.0E	0.2	2.53	<3	<3	36	<3	0.07	0.8	3	14	26	4.54	0.16	0.06	200	5	0.04	8	0.04	47	<3	<5	<2	3	8	<5	<3	61
L 16+00.0S	1+12.5E	0.1	4.40	<3	<3	47	<3	0.02	0.7	2	13	20	4.03	0.14	0.04	257	3	0.04	6	0.05	38	<3	<5	<2	<2	5	<5	<3	52
L 16+12.5S	0+25.0E	0.4	6.14	<3	<3	38	<3	0.02	1.2	3	9	27	4.09	0.16	0.09	371	1	0.06	6	0.04	43	<3	<5	<2	<2	2	<5	<3	137
L 16+12.5S	0+37.5E	1.7	5.44	<3	<3	25	<3	0.01	0.6	3	9	35	3.31	0.13	0.06	208	1	0.06	6	0.05	38	<3	<5	<2	<2	2	<5	<3	80
L 16+12.5S	0+50.0E	0.2	4.09	<3	<3	28	<3	0.01	1.1	2	16	24	4.53	0.15	0.02	149	2	0.05	3	0.04	48	<3	<5	<2	<2	3	<5	<3	40
L 16+12.5S	0+62.5E	0.2	4.69	<3	<3	45	<3	0.07	0.8	2	19	25	4.39	0.16	0.04	204	1	0.04	6	0.05	40	<3	<5	<2	<2	8	<5	<3	49
L 16+12.5S	0+75.0E	0.2	4.51	<3	<3	25	<3	0.02	0.7	3	11	20	3.84	0.13	0.05	207	2	0.04	5	0.04	41	<3	<5	<2	<2	3	<5	<3	92
L 16+12.5S	0+87.5E	0.2	4.91	<3	<3	40	<3	0.02	0.7	3	8	21	3.94	0.13	0.05	289	2	0.05	5	0.03	41	<3	<5	<2	<2	4	<5	<3	93
L 16+12.5S	1+00.0E	0.1	0.90	10	<3	32	<3	0.03	0.1	4	7	16	2.20	0.07	0.02	90	5	0.05	3	0.02	32	<3	<5	<2	8	4	<5	<3	34
L 16+12.5S	1+12.5E	0.1	2.94	<3	<3	28	<3	0.02	0.2	2	12	15	2.65	0.09	0.03	135	2	0.04	3	0.05	33	<3	<5	<2	<2	4	<5	<3	39
L 16+25.0S	0+25.0E	0.2	3.70	<3	<3	24	<3	0.01	0.3	2	8	17	3.06	0.10	0.06	149	2	0.04	4	0.03	40	<3	<5	<2	<2	1	<5	<3	88
L 16+25.0S	0+37.5E	0.1	2.04	3	<3	33	<3	0.02	1.2	4	19	26	3.67	0.12	0.06	200	5	0.04	6	0.03	41	<3	<5	<2	5	3	<5	<3	67
L 16+25.0S	0+50.0E	0.2	2.97	<3	<3	28	<3	0.01	0.6	3	32	28	3.60	0.12	0.04	142	5	0.05	9	0.03	51	<3	<5	<2	6	2	<5	<3	63
L 16+25.0S	0+62.5E	0.1	2.33	<3	<3	23	<3	0.01	0.1	3	132	16	1.78	0.06	0.02	100	3	0.04	34	0.03	32	<3	<5	<2	4	3	<5	<3	34
L 16+25.0S	0+75.0E	0.3	5.55	<3	<3	26	<3	0.02	1.2	3	69	31	4.10	0.14	0.06	182	2	0.03	15	0.04	40	<3	<5	<2	<2	4	<5	<3	72
L 16+25.0S	0+87.5E	0.1	4.06	<3	<3	27	<3	0.01	0.7	2	71	22	3.32	0.11	0.04	158	3	0.03	20	0.04	38	<3	<5	<2	<2	4	<5	<3	57
L 16+25.0S	1+00.0E	0.1	3.38	<3	<3	34	<3	0.02	0.5	3	86	18	3.06	0.10	0.04	172	3	0.04	33	0.05	38	<3	<5	<2	<2	3	<5	<3	48
Minimum Detection		0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection		50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

REPORT #: 881843 PA PRIME EXPL Proj: PHIZ Date In: 88/11/29 Date Out:88/12/05 Att: D. PENNER VGC ICP REPORT

Sample Number	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L 16+25.0S 1+12.5E	0.3	3.44	<3	<3	38	<3	0.03	0.8	6	10	29	3.34	0.12	0.10	416	2	0.09	14	0.04	50	<3	<5	<2	2	4	<5	<3	107
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

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SAMPLE #		Au ppb
MS 88 L22+25S	1+50E	nd
MS 88 L22+25S	1+62.5E	10
MS 88 L22+25S	1+75E	10
MS 88 L22+25S	1+87.5E	190
MS 88 L22+25S	2+00E	nd
MS 88 L22+37.5S	1+75E	70
MS 88 L22+37.5S	1+87.5E	15
MS 88 L22+37.5S	2+00E	15

DETECTION LIMIT 5

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

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BRANCH OFFICE: 1630 Pandora Street, Vancouver, B.C. V5L 1L6 Ph:(604)251-7282 Telex: 04-352578

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Pd, Pt, Sn, Sr and W.
IS = Insufficient Sample, ND = Not Detected, - = Not Analyzed

REPORT #: 881830 PA PAMICON Proj: PHIZ Date In: 88/11/24 Date Out:88/11/28 Att: D PENNER VGC ICP REPORT

Sample Number	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MS 88 L21+87.5S 1+25E	1.1	1.38	8	<3	56	<3	0.20	1.1	9	12	58	3.29	0.14	0.54	255	3	0.01	28	0.06	24	<3	<5	<2	3	12	<5	<3	71
MS 88 L21+75S 1+25E	1.7	1.88	8	<3	63	<3	0.16	1.2	9	15	62	4.46	0.18	0.52	258	4	0.01	13	0.08	101	<3	<5	<2	2	16	<5	<3	101
MS 88 L21+62.5S 1+25E	0.6	1.55	4	<3	52	<3	0.08	0.1	4	9	20	1.97	0.09	0.16	192	2	0.07	7	0.05	22	<3	<5	<2	<2	10	<5	<3	48
MS 88 L21+50S 1+25E	0.3	1.30	6	<3	43	<3	0.07	0.1	4	13	18	2.57	0.09	0.17	125	2	0.02	6	0.06	15	<3	<5	<2	2	10	<5	<3	51
MS 88 L21+87.5S 1+37.5E	0.3	0.89	9	<3	41	<3	0.07	0.1	3	6	14	1.23	0.03	0.16	76	1	0.04	4	0.05	9	<3	<5	<2	2	9	<5	<3	32
MS 88 L21+75S 1+37.5E	2.3	3.67	29	<3	61	<3	0.10	1.1	9	32	32	4.86	0.19	0.99	297	2	0.01	17	0.10	25	<3	<5	<2	<2	9	<5	<3	111
MS 88 L21+62.5S 1+37.5E	0.1	0.77	8	<3	31	<3	0.08	0.1	3	9	13	1.26	0.06	0.20	91	1	0.02	5	0.06	6	<3	<5	<2	2	11	<5	<3	37
MS 88 L21+50S 1+37.5E	1.2	3.37	8	<3	72	<3	0.10	0.6	10	39	57	3.21	0.12	0.85	257	3	0.01	39	0.06	28	<3	<5	<2	<2	14	<5	<3	110
MS 88 L21+87.5S 1+50E	3.1	2.40	34	<3	202	<3	0.34	6.7	13	14	51	4.08	0.22	0.36	4968	26	0.16	17	0.17	288	<3	<5	<2	<2	33	<5	<3	223
MS 88 L21+75S 1+50E	1.4	1.94	11	<3	70	<3	0.07	0.8	12	40	30	3.32	0.12	0.87	444	4	0.01	28	0.06	55	<3	<5	<2	2	8	<5	<3	69
MS 88 L21+62.5S 1+50E	1.8	2.69	<3	<3	81	<3	0.14	0.5	9	19	31	2.82	0.11	0.52	703	4	0.03	13	0.08	38	<3	<5	<2	2	22	<5	<3	129
MS 88 L21+87.5S 1+62.5E	2.3	1.37	47	<3	51	<3	0.06	0.3	7	14	21	3.44	0.15	0.21	236	8	0.01	11	0.06	69	<3	<5	<2	<2	9	<5	<3	96
MS 88 L21+50S 1+62.5E	1.5	1.58	5	<3	25	<3	0.03	0.2	7	9	34	3.13	0.13	0.21	161	6	0.11	4	0.05	19	<3	<5	<2	<2	6	<5	<3	52
MS 88 L21+87.5S 1+75E	2.2	0.56	10	<3	51	<3	0.12	0.1	5	10	12	2.59	0.13	0.13	567	5	0.03	5	0.06	25	<3	<5	<2	2	12	<5	<3	95
MS 88 L21+75S 1+75E	2.2	1.10	10	<3	66	<3	0.09	0.7	10	17	39	3.95	0.15	0.32	258	14	0.04	15	0.09	34	<3	<5	<2	3	11	<5	<3	151
MS 88 L21+62.5S 1+75E	0.7	0.97	6	<3	38	<3	0.11	0.1	4	9	17	1.61	0.05	0.14	104	3	0.04	5	0.05	30	<3	<5	<2	3	9	<5	<3	44
MS 88 L21+50S 1+75E	0.4	0.71	9	<3	28	<3	0.06	0.1	3	5	12	1.02	0.05	0.11	67	1	0.05	3	0.05	13	<3	<5	<2	3	9	<5	<3	28
MS 88 L21+87.5S 1+87.5E	1.1	5.36	<3	<3	50	<3	0.03	2.1	18	22	74	6.55	0.28	0.44	418	6	0.01	16	0.16	113	<3	<5	<2	<2	4	<5	<3	174
MS 88 L21+62.5S 2+00E	0.5	0.67	10	<3	21	<3	0.05	0.1	3	5	11	1.35	0.03	0.09	82	2	0.04	3	0.06	12	<3	<5	<2	2	7	<5	<3	35
MS 88 L22+12.5S 1+37.5E	1.1	1.33	6	<3	44	<3	0.11	0.3	7	11	23	3.06	0.11	0.34	188	2	0.02	6	0.06	67	<3	<5	<2	2	12	<5	<3	78
MS 88 L22+25S 1+50E	0.3	0.41	9	<3	81	<3	0.16	0.1	3	8	15	1.14	0.07	0.11	76	1	0.03	35	0.05	10	<3	<5	<2	2	20	<5	<3	31
MS 88 L22+12.5S 1+62.5E	9.5	1.53	3	<3	119	<3	0.16	0.8	8	11	32	4.15	0.17	0.23	253	20	0.07	17	0.12	160	<3	<5	<2	2	13	<5	<3	110
MS 88 L22+25S 1+62.5E	1.7	0.93	6	<3	73	<3	0.20	0.5	8	17	17	2.73	0.12	0.35	359	4	0.04	18	0.12	91	<3	<5	<2	3	17	<5	<3	145
MS 88 L22+25S 1+75E	1.9	0.50	9	<3	31	<3	0.06	0.1	3	6	12	1.78	0.05	0.09	135	3	0.04	8	0.05	23	<3	<5	<2	3	8	<5	<3	55
MS 88 L22+37.5S 1+75E	3.3	2.19	4	<3	104	<3	0.13	1.2	11	13	46	3.64	0.14	0.78	486	4	0.03	14	0.09	146	<3	<5	<2	2	11	<5	<3	168
MS 88 L22+37.5S 1+87.5E	0.7	1.06	6	<3	52	<3	0.06	0.2	6	8	16	2.61	0.09	0.33	141	2	0.03	6	0.05	29	<3	<5	<2	3	8	<5	<3	55
MS 88 L21+50S 1+50E	0.7	0.97	8	<3	64	<3	0.10	0.1	4	9	18	2.08	0.07	0.14	109	2	0.05	5	0.06	16	<3	<5	<2	2	12	<5	<3	41
MS 88 L21+62.5S 1+62.5E	4.2	1.33	<3	<3	56	<3	0.05	0.6	7	11	35	3.37	0.12	0.33	322	27	0.05	6	0.07	155	<3	<5	<2	2	9	<5	<3	76
MS 88 L21+75S 1+87.5E	1.1	1.91	5	<3	251	<3	0.55	3.8	10	16	53	2.08	0.14	0.45	6405	11	0.16	24	0.23	31	<3	<5	<2	<2	54	<5	<3	175
MS 88 L21+62.5S 1+87.5E	1.1	2.40	<3	<3	221	<3	0.42	1.8	19	8	34	2.60	0.18	0.18	7790	16	0.09	10	0.14	50	<3	<5	<2	<2	48	<5	<3	119
MS 88 L21+50S 1+87.5E	0.7	2.32	<3	<3	188	<3	0.35	0.6	7	11	21	2.96	0.17	0.27	3306	8	0.09	8	0.10	34	<3	<5	<2	3	39	<5	<3	149
MS 88 L21+87.5S 2+00E	1.4	3.17	6	<3	78	<3	0.05	1.5	6	45	33	6.04	0.26	0.26	351	3	0.01	10	0.09	36	<3	<5	<2	<2	10	<5	<3	63
MS 88 L21+75S 2+00E	1.4	3.39	<3	<3	38	<3	0.05	1.1	7	16	28	3.97	0.14	0.27	371	2	0.01	6	0.11	33	<3	<5	<2	<2	7	<5	<3	56
MS 88 L21+50S 2+00E	0.8	2.11	3	<3	20	<3	0.03	1.1	4	10	21	3.54	0.12	0.12	157	4	0.03	4	0.05	36	<3	<5	<2	5	4	<5	<3	44
MS 88 L22+12.5S 1+50E	3.5	3.57	<3	<3	106	3	0.17	2.7	16	55	30	5.96	0.28	1.68	397	4	0.03	31	0.11	35	<3	<5	<2	3	15	<5	<3	110
MS 88 L22+12.5S 1+75E	2.3	2.08	14	<3	81	<3	0.10	0.7	8	15	26	3.92	0.18	0.42	339	4	0.02	8	0.29	69	<3	<5	<2	3	12	<5	<3	113
MS 88 L22+12.5S 1+87.5E	1.1	1.34	3	<3	58	<3	0.08	0.5	6	13	19	2.83	0.13	0.36	190	2	0.02	7	0.07	20	<3	<5	<2	2	11	<5	<3	46
MS 88 L22+25S 1+87.5E	2.5	0.73	3	<3	394	<3	0.05	0.7	8	7	32	3.36	0.15	0.15	332	24	0.08	7	0.06	74	<3	<5	<2	4	21	<5	<3	141
MS 88 L22+12.5S 2+00E	0.8	2.92	<3	<3	62	<3	0.03	0.5	6	11	17	3.24	0.11	0.42	143	2	0.03	6	0.08	23	<3	<5	<2	<2	5	<5	<3	67
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

REPORT #: 881830 PA PAMICON Proj: PHIZ Date In: 88/11/24 Date Out:88/11/28 Att: D PENNER VGC ICP REPORT

Sample Number	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MS 88 L22+25S 2+00E	1.1	2.24	6	<3	75	<3	0.09	1.1	10	14	22	3.14	0.09	0.97	237	3	0.02	28	0.07	28	<3	<5	<2	4	7	<5	<3	77
MS 88 L22+37.5S 2+00E	0.6	2.52	10	<3	201	3	0.43	2.2	16	38	57	3.81	0.19	1.03	1890	3	0.08	50	0.12	54	<3	<5	<2	3	31	<5	<3	202
MS 88 L22+00S 1+25E	0.3	1.07	5	<3	60	<3	0.24	0.3	10	12	23	2.04	0.11	0.39	1364	2	0.02	12	0.10	61	<3	<5	<2	<2	19	<5	<3	61
MS 88 L22+00S 1+37.5E	1.1	0.93	5	<3	47	<3	0.07	0.5	5	9	17	1.86	0.05	0.13	126	2	0.04	7	0.03	36	<3	<5	<2	3	7	<5	<3	39
MS 88 L22+00S 1+50E	2.6	0.99	43	<3	126	<3	0.18	1.1	5	8	22	2.90	0.13	0.12	221	17	0.04	9	0.05	109	<3	<5	<2	2	18	<5	<3	115
MS 88 L22+00S 1+62.5E	3.7	0.95	30	<3	88	<3	0.17	2.7	22	18	42	5.54	0.23	0.36	1997	17	0.14	16	0.16	874	<3	<5	<2	2	13	<5	<3	303
MS 88 L22+00S 1+87.5E	1.1	2.52	6	<3	86	<3	0.06	0.7	8	13	28	3.78	0.12	0.30	379	4	0.02	9	0.09	75	<3	<5	<2	<2	7	<5	<3	89
MS 88 L22+00S 2+00E	0.1	1.67	<3	<3	100	<3	0.10	0.5	7	9	20	3.59	0.14	0.38	403	2	0.02	8	0.09	36	<3	<5	<2	2	10	<5	<3	84
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

APPENDIX IIIb

ASSAY CERTIFICATES
ROCK CHIP ASSAYS

VGC

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881549 GA JOB NUMBER: 881549 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
18801	nd
18802	nd
18803	nd
18804	nd
18805	nd
18806	25

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED
1988 TRIUMPH STREET
VANCOUVER, B.C. V5L 1K5
(604) 251-5656 FAX (604) 254-5717

REPORT #: 881549 PA PAMICON Proj: MAJERTA Date In: 88/10/03 Date Out:88/10/28 Att: S. TODORUK VGC ICP REPORT

Sample Number	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
18801	0.1	1.99	<3	<3	93	<3	1.70	0.8	15	46	17	3.11	0.30	1.43	1106	3	0.03	9	0.09	31	<3	<5	<2	<2	93	<5	<3	261
18802	2.8	0.30	<3	<3	65	<3	0.71	0.1	4	36	232	0.61	0.31	0.16	981	2	0.01	4	0.03	19958	<3	<5	<2	<2	2879	<5	<3	57
18803	0.1	2.00	<3	<3	>1000	<3	2.02	0.6	15	107	25	2.65	0.37	2.08	1283	3	0.02	41	0.11	709	<3	<5	<2	<2	402	<5	<3	83
18804	0.9	2.52	<3	<3	563	<3	2.79	1.1	17	22	447	4.62	0.52	2.42	1227	3	0.04	4	0.33	109	<3	<5	<2	<2	206	<5	<3	168
18805	3.3	4.93	<3	<3	400	6	1.64	1.2	52	139	100	5.93	0.40	5.52	1137	3	0.03	108	0.11	81	<3	<5	<2	10	84	<5	<3	114
18806	0.1	3.44	<3	<3	104	<3	3.04	1.1	27	221	26	3.98	0.53	3.60	1295	3	0.02	88	0.11	46	<3	<5	<2	3	174	<5	<3	112
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 881560 GA JOB NUMBER: 881560 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
18807	50

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED
1988 TRIUMPH STREET
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REPORT #: 881560 PA PAMICON Proj: MAJENTA Date In: 88/10/04 Date Out:88/10/28 Att: S. TODORUK VGC ICP REPORT

Sample Number	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
18807	0.9	2.30	7	<3	58	<3	1.62	26.7	18	61	99	4.22	0.35	1.97	1072	5	0.14	19	0.19	136	<3	<5	<2	3	88	<5	<3	4704
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	:	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

VANGEOCHEM LAB LIMITED

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(604)251-5656 FAX:254-5717

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

REPORT NUMBER: 881625 GA JOB NUMBER: 881625 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
18808	nd
18809	nd
18810	nd
18811	nd
18812	nd
18813	nd
18814	nd
18815	nd
18816	nd
18817	nd
18818	nd
18819	nd
18820	30
18821	nd
18822	nd

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED
1988 TRIUMPH STREET
VANCOUVER, B.C. V5L 1K5
(604) 251-5656 FAX (604) 254-5717

REPORT #: 881625 PA PANICON Proj: MAJERTA Date In: 88/10/11 Date Out:88/10/28 Att: S. TODORUK VGC ICP REPORT

Sample Number	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Pd	Pt	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
18808	0.3	0.28	<3	<3	58	<3	0.11	0.1	3	77	46	0.64	0.04	0.16	111	1	0.01	11	0.01	59	<3	<5	<2	<2	6	<5	<3	26
18809	0.1	1.46	34	<3	48	3	4.85	1.2	33	17	113	5.96	0.81	2.56	1077	2	0.02	47	0.10	45	<3	<5	<2	<2	164	<5	<3	92
18810	0.1	0.32	136	<3	69	<3	0.10	0.1	3	52	23	1.28	0.05	0.10	153	3	0.02	5	0.03	31	<3	<5	<2	<2	6	<5	<3	36
18811	0.1	0.45	<3	<3	24	<3	0.12	0.1	6	102	25	0.93	0.04	0.37	190	1	0.01	13	0.03	23	<3	<5	<2	<2	10	<5	<3	21
18812	0.1	2.01	9	<3	53	<3	3.06	1.2	36	66	49	5.94	0.61	3.46	937	3	0.02	37	0.08	31	<3	<5	<2	<2	183	<5	<3	112
18813	0.1	0.43	<3	<3	29	<3	>10.00	0.1	3	25	18	1.03	3.67	0.61	1085	1	0.01	17	0.01	27	<3	<5	<2	<2	893	<5	<3	47
18814	0.1	0.26	<3	<3	653	<3	0.37	0.1	2	46	7	0.56	0.08	0.04	555	1	0.02	2	0.01	14	<3	<5	<2	<2	30	<5	<3	23
18815	0.3	0.24	<3	<3	98	<3	0.10	0.1	1	52	6	0.46	0.03	0.02	217	1	0.02	3	0.01	13	<3	<5	<2	<2	8	<5	<3	12
18816	0.2	2.11	<3	<3	94	<3	0.16	0.6	14	76	26	2.98	0.13	1.98	465	3	0.02	17	0.04	30	<3	<5	<2	4	9	<5	<3	65
18817	0.3	2.02	<3	<3	30	<3	0.81	0.6	26	29	129	3.14	0.22	1.79	493	2	0.02	37	0.06	32	<3	<5	<2	5	68	<5	<3	67
18818	0.2	2.08	<3	<3	32	<3	1.70	0.8	18	35	31	3.82	0.35	2.20	839	3	0.03	14	0.19	42	<3	<5	<2	5	59	<5	<3	121
18819	0.1	2.16	<3	<3	31	<3	0.37	1.1	20	29	15	4.15	0.19	2.31	1012	3	0.03	18	0.24	42	<3	<5	<2	<2	12	<5	<3	206
18820	2.1	0.14	<3	<3	54	<3	0.13	0.5	9	98	13	2.83	0.11	0.09	518	12	0.02	10	0.05	51	<3	<5	<2	<2	34	<5	<3	54
18821	0.1	0.13	<3	<3	58	<3	0.03	0.1	2	92	8	0.63	0.02	0.06	269	1	0.01	6	0.02	11	<3	<5	<2	<2	4	<5	<3	16
18822	0.3	0.32	<3	<3	160	<3	0.41	0.1	4	33	6	1.54	0.10	0.25	441	2	0.02	3	0.05	12	<3	<5	<2	<2	31	<5	<3	41
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881624 GA JOB NUMBER: 881624 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
18823	30
18824	40
18825	>10000
18826	>10000
18827	9630
18828	420
18829	1950
18830	6000
18831	>10000
18832	>10000

DETECTION LIMIT 5

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

VGC

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881624 AA JOB NUMBER: 881624 PAMICON DEVELOPMENT LTD.

SAMPLE #	Ag oz/st	Au oz/st
18825	2.34	.668
18826	5.23	.348
18827	16.78	.304
18829	--	.083
18830	3.09	.204
18831	11.29	1.678
18832	--	.868

DETECTION LIMIT	.01	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION: S. TODORUK
PROJECT: MAGERTA

REPORT#: 881624PA
JOB#: 881624
INVOICE#: 881624NA

DATE RECEIVED: 88/10/11
DATE COMPLETED: 88/10/17
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
18823	.2	1.04	394	ND	51	ND	2.09	.3	15	22	289	3.16	.40	1.47	799	4	.02	12	.12	68	ND	ND	ND	ND	182	ND	ND	58
18824	1.6	1.33	ND	ND	15	ND	.76	.5	27	61	102	2.56	.20	.88	291	15	.01	23	.07	31	ND	ND	ND	5	110	ND	ND	39
18825	72.1	.11	ND	20	170	4	.05	.1	2	147	2347	2.02	.08	.02	27	20	.01	6	.01	13735	ND	ND	ND	ND	104	ND	ND	9
18826	>100	.11	ND	8	22	8	.07	.5	7	64	10253	3.97	.14	.07	44	26	.02	24	.01	8798	ND	ND	ND	ND	59	ND	ND	17
18827	>100	.08	1306	8	88	9	.05	29.7	4	65	7261	2.87	.14	.03	41	10	.03	4	.01	10044	ND	ND	8182	1	28	ND	ND	825
18828	28.2	.15	19	ND	480	ND	.17	1.5	2	107	3043	.86	.05	.05	176	8	.02	4	.02	791	ND	ND	238	1	39	ND	ND	58
18829	28.7	.13	9	ND	410	ND	.22	1.7	3	119	4740	1.41	.08	.03	249	5	.01	5	.01	600	ND	ND	98	ND	35	ND	ND	55
18830	>100	.14	109	7	444	ND	.02	1.5	1	160	1532	1.37	.05	.01	44	12	.01	3	.01	3487	ND	ND	346	1	34	ND	ND	84
18831	>100	.08	463	49	34	21	.01	.1	1	61	1737	6.83	.22	.01	28	62	.03	5	.01	33775	ND	ND	1564	ND	55	ND	ND	44
18832	>100	.08	985	25	74	7	.01	.1	1	198	1312	2.04	.07	.01	22	11	.01	6	.01	9795	ND	ND	113	ND	9	ND	ND	13
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

VGC VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881684 AA JOB NUMBER: 881684 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %
(881549) 18801	.01	.01	.02
(881549) 18802	.03	1.62	.01
(881549) 18803	.01	.04	.01
(881549) 18804	.06	.01	.02
(881549) 18805	.01	.02	.01
(881549) 18806	.01	.01	.02
(881560) 18807	.01	.02	.38
(881624) 18823	.01	.01	.01
(881624) 18824	.01	.01	<.01
(881624) 18825	.28	1.29	<.01
(881624) 18826	1.05	.85	<.01
(881624) 18827	.82	.95	.09
(881624) 18828	.34	.06	<.01
(881624) 18829	.51	.06	.06
(881624) 18830	.18	.33	.01
(881624) 18831	.22	9.69	.07
(881624) 18832	.17	.95	<.01
(881625) 18808	.01	.02	<.01
(881625) 18809	.02	.01	.01
(881625) 18810	.01	.01	<.01
DETECTION LIMIT	.01	.01	.01

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

signed: _____

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881628 GA JOB NUMBER: 881628 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
18833	10
18834	90
18835	40

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

VGC VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881628 GB JOB NUMBER: 881628 PRIME EXPLORATION

SAMPLE #	As ppm
18833	40
18834	4
18835	10

DETECTION LIMIT 2
nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881628 AA JOB NUMBER: 881628 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
18833	.10	.04	.01	.11	.032
18834	.02	.02	.01	.01	.008
18835	.01	.01	.03	.03	.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed: _____

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION:
PROJECT: MAGENTA

REPORT#: 881628PA
JOB#: 881628
INVOICE#: 881628NA

DATE RECEIVED: 88/10/11
DATE COMPLETED: 88/10/31
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
18833	6.5	.61	27	ND	100	ND	.11	.8	7	76	805	1.44	.06	.35	235	3	.02	21	.01	477	3	ND	ND	2	22	ND	ND	70
18834	1.6	.51	ND	ND	143	ND	1.42	.6	6	56	210	1.76	.25	.86	890	2	.02	7	.05	195	3	ND	ND	1	53	ND	ND	65
18835	.1	.27	ND	ND	15	ND	1.35	1.5	9	74	96	2.11	.34	.44	551	8	.02	5	.08	82	3	ND	ND	ND	173	ND	ND	175
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

VGC VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881611 GA JOB NUMBER: 881611 PAMICON DEVELOPMENT LTD.

SAMPLE #	As ppm
18876	4
18877	nd
18878	30
18879	nd
18880	4
18881	600

DETECTION LIMIT 2
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION: S. TODORUK
PROJECT: MAJERTA

REPORT#: 881611PA
JOB#: 881611
INVOICE#: 881611NA

DATE RECEIVED: 88/10/11
DATE COMPLETED: 88/10/26
COPY SENT TO:

ANALYST

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
18879	>100	.31	ND	ND	8	23	.01	3.6	38	83	19125	10.12	.36	.10	81	6	.04	162	.02	25595	ND	ND	ND	ND	41	ND	ND	60
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

VANGEOCHEM LAB LIMITED

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: 881611 AA JOB NUMBER: 881611 PAMICON DEVELOPMENT LTD.

SAMPLE #	Ag oz/st	Au oz/st
18876	2.32	.430
18877	.36	.038
18878	2.80	.046
18879	4.93	1.200
18880	.88	.380
18881	5.82	1.185
DETECTION LIMIT	.01	.005

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

signed: _____

VGC

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881611 AA JOB NUMBER: 881611 PAMICON DEVELOPMENT LTD.

SAMPLE #	As %	Cu %	Pb %	Zn %
18876	.01	1.15	1.00	.01
18877	.02	.41	.16	.01
18878	<.01	.33	.12	.02
18879	.01	2.36	4.58	.02
18880	<.01	.50	.16	.01
18881	.05	.64	4.73	.05
DETECTION LIMIT	.01	.01	.01	.01

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

signed: _____

APPENDIX IIIc

ASSAY CERTIFICATES
TRENCH ASSAYS

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881626 GA JOB NUMBER: 881626 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
18851	>10000
18852	>10000
18853	>10000
18854	7980
18855	>10000
18856	>10000
18857	>10000
18858	>10000
18859	>10000
18860	>10000
18861	5500
18862	240
18863	650
18864	>10000
18865	>10000
18866	>10000
18867	5960
18868	>10000
18869	>10000
18870	>10000
18871	7800
18872	995
18873	>10000

DETECTION LIMIT 5

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

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON
ATTENTION: C. IKONA
PROJECT: MAJERTA

REPORT#: 881626PA
JOB#: 881626
INVOICE#: 881626NA

DATE RECEIVED: 88/10/11
DATE COMPLETED: 88/10/14
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
18851	>100	.07	760	17	113	ND	.01	4.9	4	111	3182	2.65	.07	.01	43	16	.01	10	.01	19869	ND	ND	3454	ND	13	ND	ND	227
18852	72.1	.11	177	12	98	ND	.02	.1	5	193	1073	2.91	.10	.01	101	21	.01	10	.01	8318	ND	ND	299	ND	13	ND	ND	37
18853	>100	.14	985	23	49	8	.01	76.4	10	91	2339	4.33	.14	.01	47	9	.05	27	.01	30497	ND	ND	128	ND	37	ND	ND	1759
18854	57.7	.14	131	8	134	ND	.01	3.5	5	161	3440	2.11	.07	.01	47	6	.01	12	.01	8937	ND	ND	67	ND	21	ND	ND	114
18855	35.2	.20	ND	16	18	ND	.05	1.7	32	116	6916	3.74	.13	.07	152	98	.01	71	.01	11631	ND	ND	52	ND	21	ND	ND	75
18856	51.5	.27	ND	18	13	6	.01	1.1	26	117	10862	5.89	.20	.10	134	128	.02	41	.02	10305	ND	ND	19	ND	27	ND	ND	67
18857	>100	.15	106	24	11	8	.31	11.3	15	102	21783	5.86	.27	.02	204	27	.02	58	.01	17620	ND	ND	139	ND	496	ND	ND	229
18858	95.5	.29	ND	20	18	5	.05	5.8	19	155	13490	3.84	.14	.07	520	22	.02	44	.02	12978	ND	ND	37	ND	84	ND	ND	273
18859	82.5	.33	ND	18	14	8	.26	12.6	24	71	17523	3.75	.15	.21	497	54	.03	42	.02	5237	ND	ND	ND	1	71	ND	ND	557
18860	>100	.26	ND	15	9	15	.40	4.5	39	160	17053	4.91	.21	.19	393	23	.01	92	.01	3555	ND	ND	ND	ND	56	ND	ND	130
18861	>100	.40	ND	5	70	32	.26	3.1	22	67	2484	2.04	.11	.31	466	9	.01	42	.01	8371	ND	ND	ND	ND	39	ND	ND	130
18862	9.5	3.12	ND	ND	91	5	.33	1.7	46	28	458	7.53	.30	2.71	1119	7	.01	37	.10	498	ND	ND	26	2	31	ND	ND	158
18863	15.8	.90	46	ND	80	ND	.05	.2	17	43	645	3.20	.10	.50	761	8	.01	14	.03	571	ND	ND	82	ND	11	ND	ND	138
18864	>100	.20	185	41	34	8	.01	3.5	23	169	4113	5.83	.19	.05	90	14	.01	50	.01	13353	ND	ND	954	ND	13	ND	ND	138
18865	47.9	.15	53	16	178	ND	.05	2.5	8	82	2706	1.87	.07	.01	239	21	.01	13	.01	9713	ND	ND	119	ND	19	ND	ND	142
18866	83.1	.11	173	27	96	ND	.01	2.2	2	199	553	1.81	.05	.03	70	14	.01	5	.01	5157	ND	ND	191	1	12	ND	ND	91
18867	78.1	.96	143	8	79	ND	.14	1.2	24	133	1118	4.11	.15	.38	930	32	.03	22	.05	2472	ND	ND	412	1	15	ND	ND	167
18868	55.7	.43	ND	18	21	7	.07	2.5	27	61	5290	5.25	.19	.15	392	117	.02	47	.05	6610	ND	ND	61	ND	142	ND	ND	221
18869	66.1	.10	ND	45	21	4	.23	106.3	10	121	3754	2.76	.13	.02	132	18	.10	30	.01	28597	ND	ND	ND	ND	99	ND	ND	4352
18870	>100	.10	1657	22	8	13	.01	112.1	18	72	19735	5.74	.20	.01	110	18	.07	83	.01	31597	ND	ND	1519	ND	70	ND	ND	2802
18871	60.2	.21	71	10	27	4	.31	9.3	11	118	9327	2.37	.11	.16	287	13	.01	44	.01	3409	ND	ND	59	1	43	ND	ND	274
18872	11.3	2.05	17	ND	115	ND	.33	3.9	33	34	886	4.93	.20	1.47	1351	7	.03	30	.07	1028	ND	ND	28	3	30	ND	ND	268
18873	81.5	.26	ND	12	7	10	.05	8.6	48	112	22777	7.41	.27	.14	446	28	.02	116	.01	3250	ND	ND	15	1	30	ND	ND	288
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881626 AA JOB NUMBER: 881626 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au oz/st
18851	.385
18852	.338
18853	.423
18854	.222
18855	.398
18856	.407
18857	.540
18858	.386
18859	.356
18860	.337
18861	.131
18862	.007
18863	.020
18864	.938
18865	.308
18866	.648
18867	.118
18868	.319
18869	1.018
18870	.556

DETECTION LIMIT .005

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

signed: _____

VGC

VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881626 AA JOB NUMBER: 881626 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au oz/st
18871	.223
18872	.023
18873	.344

DETECTION LIMIT .005

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

signed: _____

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

REPORT NUMBER: 881626 AB JOB NUMBER: 881626 PRIME EXPLORATION

SAMPLE #	Ag oz/st
18851	4.77
18852	1.98
18853	3.53
18854	1.60
18855	1.07
18856	1.69
18857	3.39
18858	2.74
18859	2.35
18860	3.30
18861	4.98
18862	.18
18863	.44
18864	4.40
18865	1.38
18866	2.25
18867	2.10
18868	1.53
18869	2.34
18870	11.85
DETECTION LIMIT	.01

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

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881626 AB JOB NUMBER: 881626 PRIME EXPLORATION

SAMPLE #	Ag oz/st
18871	1.85
18872	.29
18873	2.54

DETECTION LIMIT .01

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

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(604)251-5656 FAX:254-5717

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

REPORT NUMBER: 881707 GA JOB NUMBER: 881707 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au ppb
18882	nd
18883	450
18884	7440
18885	3080
18886	>10000
18887	nd
18888	80
18889	> 10000
18890	> 10000
18891	3390

DETECTION LIMIT 5

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

VANCOUVER, B.C. V5L 1K5
(604) 251-5656 FAX (604) 254-5717

REPORT #: 881707PA PAMICON Proj: MAJERTA Date In: 88/10/17 Date Out:88/10/28 Att: S. TODORUK VGC ICP REPORT

Sample Number	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
18882	2.3	2.58	<3	<3	28	4	1.24	1.5	40	36	254	6.40	0.38	1.85	827	4	0.03	27	0.10	113	<3	<5	31	5	37	<5	<3	109
18883	17.2	0.27	85	<3	59	<3	0.16	0.1	7	79	826	0.93	0.05	0.07	287	10	0.05	4	0.01	443	<3	<5	301	<2	7	<5	<3	37
18884	>50.0	0.14	373	6	38	8	0.03	15.2	16	121	10652	3.91	0.14	0.02	69	7	0.03	54	0.01	15747	<3	<5	>2000	<2	13	<5	<3	431
18885	10.8	0.07	4	<3	249	<3	0.21	2.7	5	161	2093	0.78	0.05	0.01	130	11	0.01	9	0.01	3098	<3	<5	110	<2	31	<5	<3	55
18886	>50.0	0.10	734	8	94	<3	0.01	0.7	8	171	1474	3.13	0.11	0.01	31	79	0.03	17	0.01	7982	<3	<5	909	<2	24	<5	<3	92
18887	1.5	2.38	18	<3	33	3	0.74	1.5	42	37	251	5.18	0.28	2.12	791	5	0.03	40	0.09	315	<3	<5	59	7	85	<5	<3	91
18888	6.9	0.80	<3	<3	>1000	<3	0.18	0.8	15	106	239	1.84	0.09	0.45	571	6	0.04	13	0.03	511	<3	<5	<2	2	48	<5	<3	119
18889	>50.0	0.22	25	8	37	<3	0.05	31.7	11	77	9711	2.56	0.10	0.05	182	39	0.06	20	0.01	2387	<3	<5	19	<2	63	<5	<3	970
18890	>50.0	0.22	<3	21	10	3	0.02	340.8	22	147	16748	3.73	0.13	0.07	255	26	0.36	41	0.01	15025	<3	<5	60	<2	63	<5	<3	14474
18891	42.5	0.23	<3	<3	122	<3	0.37	26.3	15	62	8252	2.25	0.13	0.10	570	9	0.05	16	0.02	2680	<3	<5	2	<2	40	<5	<3	1348
Minimum Detection	0.1	0.01	3	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	3	5	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	100	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	100	100	2000	1000	10000	100	1000	20000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

ANOMALOUS RESULTS:
FURTHER ANALYSES
BY ALTERNATE
METHODS SUGGESTED

VGC

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

REPORT NUMBER: 881707 AA JOB NUMBER: 881707 PAMICON DEVELOPMENT LTD.

SAMPLE #	Au oz/st
18884	.236
18885	.077
18886	.578
18889	.222
18890	.611
18891	.042

DETECTION LIMIT .005

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

signed: _____

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

REPORT NUMBER: 881707 AB JOB NUMBER: 881707 PRIME EXPLORATION

SAMPLE #	Ag oz/st
18882	.01
18883	.29
18884	3.43
18885	.28
18886	4.90
18887	.01
18888	.20
18889	1.20
18890	1.94
18891	.83

DETECTION LIMIT .01

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

signed: _____

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

REPORT NUMBER: 881666 AA JOB NUMBER: 881666 PRIME EXPLORATION

SAMPLE #	Ag oz/st	Au oz/st
18892	<.01	.010
18893	1.12	<.005
18894	<.01	<.005
18895	.08	.012
18896	.06	<.005
18897	.03	.010
18898	.13	<.005
DETECTION LIMIT	.01	.005

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

signed: _____

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REPORT NUMBER: 881684 AA JOB NUMBER: 881684 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %
(881625) 18811	.01	<.01	<.01
(881625) 18812	.01	.01	.02
(881625) 18813	.01	.01	.01
(881625) 18814	.01	.01	<.01
(881625) 18815	.01	<.01	<.01
(881625) 18816	.01	.01	.01
(881625) 18817	.02	<.01	.01
(881625) 18818	.01	.01	.02
(881625) 18819	.01	.01	.03
(881625) 18820	<.01	.01	.01
(881625) 18821	.01	.01	<.01
(881625) 18822	.01	.01	.01
(881626) 18851	.37	1.87	.03
(881626) 18852	.13	.81	.01
(881626) 18853	.24	3.89	.15
(881626) 18854	.39	.85	.01
(881626) 18855	.77	1.15	.01
(881626) 18856	1.23	1.05	.01
(881626) 18857	2.18	1.59	.03
(881626) 18858	1.34	1.13	.03
DETECTION LIMIT	.01	.01	.01

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

signed: _____

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881684 AA JOB NUMBER: 881684 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %
(881626) 18859	1.72	.48	.07
(881626) 18860	1.74	.32	.02
(881626) 18861	.26	.80	.02
(881626) 18862	.05	.04	.02
(881626) 18863	.08	.06	.02
(881626) 18864	.48	1.32	.02
(881626) 18865	.31	.94	.02
(881626) 18866	.07	.48	.01
(881626) 18867	.12	.22	.02
(881626) 18868	.54	.60	.03
(881626) 18869	.42	2.63	.38
(881626) 18870	2.08	4.03	.24
(881626) 18871	1.02	.34	.03
(881626) 18872	.10	.10	.04
(881626) 18873	2.26	.30	.04
(881666) 18892	.01	.03	.02
(881666) 18893	.07	1.34	.01
(881666) 18894	.02	.09	.02
(881666) 18895	.01	.02	.02
(881666) 18896	.01	.02	<.01
DETECTION LIMIT	.01	.01	.01

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

signed: _____

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REPORT NUMBER: 881684 AA JOB NUMBER: 881684 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %
(881666) 18897	<.01	<.01	<.01
(881666) 18898	.02	.01	.01
(881670) 17714	.03	.02	<.01
(881670) 17715	.01	.02	<.01
(881670) 17716	.01	.02	<.01
(881670) 17717	.01	.02	<.01
(881670) 17718	.01	.02	<.01
(881670) 17719	.01	.02	<.01
(881670) 17720	.01	.02	<.01
(881670) 17721	.01	.02	.01
(881670) 17722	.01	.01	<.01
(881670) 17723	.01	.01	<.01
(881670) 17724	.01	.01	<.01
(881670) 17725	.01	.01	<.01
(881670) 17726	.01	.02	<.01
(881670) 17727	.01	.01	<.01
(881670) 17728	.01	.01	<.01
(881670) 17729	.01	.01	<.01
(881670) 17730	.01	.02	<.01
(881670) 17731	.01	.02	<.01
DETECTION LIMIT	.01	.01	.01

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

signed: _____

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REPORT NUMBER: 881684 AA JOB NUMBER: 881684 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %
(881670) 18882	.03	.02	.02
(881670) 18883	.10	.05	.01
(881670) 18884	1.05	1.55	.05
(881670) 18885	.22	.28	.01
(881670) 18886	.18	.86	.01
(881670) 18887	.03	.02	.01
(881670) 18888	.03	.06	.02
(881670) 18889	1.01	.24	.11
(881670) 18890	1.53	1.31	1.37
(881670) 18891	.89	.24	.12
DETECTION LIMIT	.01	.01	.01

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

signed: _____

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881713 AA JOB NUMBER: 881713 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
18901	.14	.97	.01	1.47	.224
18902	.33	1.20	.02	3.41	1.216
18903	.54	7.53	.02	5.06	1.602
18904	.09	.10	<.01	.74	.086
18905	.26	.36	.01	3.93	.450
18906	.08	.07	.01	1.05	.106
18907	.21	.71	.10	4.01	.978
18908	.04	.22	.01	.27	.084
18909	.04	.05	.02	.24	.042
18910	.25	14.22	.07	3.03	.236
18911	.01	.05	.01	.11	.006
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed:

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881713 GB JOB NUMBER: 881713 PRIME EXPLORATION

SAMPLE #	As ppm
18901	nd
18902	nd
18903	nd
18904	2
18905	60
18906	15
18907	40
18908	4
18909	4
18910	2
18911	15

DETECTION LIMIT 2

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

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881735 AA JOB NUMBER: 881735 PAMICON DEVELOPMENT LTD.

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
18912	.05	.57	.05	.37	.062
18913	.35	2.23	.08	.79	.110
18914	.17	.43	.01	.57	.318
18915	1.11	3.44	.12	12.80	2.108
18916	.70	4.40	.25	3.54	3.092
18917	.86	.83	.38	1.18	.224
18918	.11	.26	.02	.47	.108
18919	.03	.10	.01	.62	.276
18920	2.34	4.53	.03	6.79	7.394
18921	.06	.11	.01	.22	.030
18922	.27	.99	.03	1.37	.258
18923	.14	.12	.02	1.22	.242
18924	.47	.23	.01	1.00	.388
18925	.23	.63	.01	1.48	1.380
18926	.89	1.07	.01	2.43	.870
18927	1.07	.84	.01	1.69	1.274
18928	.40	.47	.02	1.26	.288
18929	.58	.36	.01	1.18	.508
18930	.13	.06	<.01	.50	.118
18931	.37	.12	.01	1.73	.346
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed: _____

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881735 AA JOB NUMBER: 881735 PAMICON DEVELOPMENT LTD.

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
18932	.12	.07	.01	.33	.052
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed:

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

REPORT NUMBER: 881788 AA JOB NUMBER: 881788 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
18934	.06	.19	.05	.26	.072
18935	.05	.15	.02	.42	.046
18936	.58	.27	.01	1.91	.948
18937	.07	.04	.03	.10	.020
18938	.12	.08	.01	.81	.170
18939	.42	.11	<.01	1.26	.684
18940	.42	.21	<.01	1.33	.772
18941	.45	.17	<.01	.56	.500
18942	.13	.18	<.01	1.00	.400
18943	1.02	.27	<.01	1.98	.982
18944	.68	.49	.01	.94	.562
18945	.78	.38	.01	1.57	.488
18946	1.49	3.49	.72	2.47	.678
18947	.40	1.15	.90	1.48	.154
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed: _____

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

REPORT NUMBER: 881684 GA JOB NUMBER: 881684 PRIME EXPLORATION

SAMPLE #	As ppm
(881549) 18801	10
(881549) 18802	2
(881549) 18803	2
(881549) 18804	nd
(881549) 18805	nd
(881549) 18806	nd
(881560) 18807	10
(881624) 18823	200
(881624) 18824	2
(881624) 18825	2
(881624) 18826	nd
(881624) 18827	600
(881624) 18828	20
(881624) 18829	20
(881624) 18830	60
(881624) 18831	200
(881624) 18832	600
(881625) 18808	4
(881625) 18809	30
(881625) 18810	80
(881625) 18811	4
(881625) 18812	20
(881625) 18813	10
(881625) 18814	2
(881625) 18815	4
(881625) 18816	4
(881625) 18817	4
(881625) 18818	2
(881625) 18819	2
(881625) 18820	nd
(881625) 18821	2
(881625) 18822	2
(881626) 18851	300
(881626) 18852	80
(881626) 18853	600
(881626) 18854	100
(881626) 18855	nd
(881626) 18856	nd
(881626) 18857	nd
DETECTION LIMIT	2

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

VGC VANGEOCHEM LAB LIMITED

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881684 GA JOB NUMBER: 881684 PRIME EXPLORATION

SAMPLE #	As ppm
(881626) 18858	nd
(881626) 18859	nd
(881626) 18860	nd
(881626) 18861	2
(881626) 18862	4
(881626) 18863	20
(881626) 18864	60
(881626) 18865	20
(881626) 18866	100
(881626) 18867	60
(881626) 18868	nd
(881626) 18869	2
(881626) 18870	800
(881626) 18871	60
(881626) 18872	2
(881626) 18873	nd
(881666) 18892	10
(881666) 18893	nd
(881666) 18894	4
(881666) 18895	nd
(881666) 18896	nd
(881666) 18897	20
(881666) 18898	2
(881670) 17714	4
(881670) 17715	10
(881670) 17716	10
(881670) 17717	15
(881670) 17718	15
(881670) 17719	50
(881670) 17720	10
(881670) 17721	4
(881670) 17722	4
(881670) 17723	4
(881670) 17724	2
(881670) 17725	4
(881670) 17726	15
(881670) 17727	50
(881670) 17728	15
(881670) 17729	30
DETECTION LIMIT	2

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

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881684 GA JOB NUMBER: 881684 PRIME EXPLORATION

SAMPLE #	As ppm
(881670) 17730	10
(881670) 17731	10
(881670) 18882	4
(881670) 18883	40
(881670) 18884	300
(881670) 18885	10
(881670) 18886	200
(881670) 18887	10
(881670) 18888	4
(881670) 18889	nd
(881670) 18890	4
(881670) 18891	nd

DETECTION LIMIT 2

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

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REPORT NUMBER: 881735 GA JOB NUMBER: 881735 PAMICON DEVELOPMENT LTD.

SAMPLE #	As ppm
18912	4
18913	2
18914	nd
18915	400
18916	nd
18917	nd
18918	10
18919	2
18920	nd
18921	20
18922	2
18923	50
18924	nd
18925	2
18926	nd
18927	nd
18928	nd
18929	nd
18930	nd
18931	4
18932	4

DETECTION LIMIT 2

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

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REPORT NUMBER: 881788 GA JOB NUMBER: 881788 PRIME EXPLORATION

SAMPLE #	As ppm
18934	10
18935	30
18936	nd
18937	nd
18938	nd
18939	nd
18940	nd
18941	10
18942	4
18943	4
18944	nd
18945	nd
18946	40
18947	20

DETECTION LIMIT 2

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

APPENDIX IIId

ASSAY CERTIFICATES
DRILL HOLE ASSAYS

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REPORT NUMBER: 881837 AA JOB NUMBER: 881837 PRIME EXPLORATION

SAMPLE #	Ag oz/st	Au oz/st
30021	<.01	<.005
30022	.03	<.005
30023	.06	<.005
30024	.01	<.005
30025	.06	.005
30026	.02	<.005
30033	.05	<.005
30034	.01	<.005
30037	<.01	<.005
30038	<.01	<.005
30039	<.01	<.005
30040	.03	<.005
30041	.01	<.005
30042	<.01	<.005
30043	.02	<.005
30044	<.01	<.005
30045	<.01	<.005
30046	.01	<.005
30047	<.01	<.005
30048	.01	.005
DETECTION LIMIT	.01	.005

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

signed: _____

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REPORT NUMBER: 881837 AA JOB NUMBER: 881837 PRIME EXPLORATION

SAMPLE #	Ag oz/st	Au oz/st
30049	.23	.027
30050	<.01	<.005
30051	<.01	.005
30052	<.01	<.005
30053	.03	<.005
DETECTION LIMIT	.01	.005

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

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REPORT NUMBER: 881842 AA JOB NUMBER: 881842 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30002	--	--	--	<.01	<.005
30003	--	--	--	.01	<.005
30004	--	--	--	.02	<.005
30005	--	--	--	.03	.005
30006	--	--	--	<.01	<.005
30007	--	--	--	<.01	<.005
30008	--	--	--	<.01	<.005
30009	--	--	--	<.01	<.005
30010	--	--	--	.02	<.005
30011	--	--	--	.03	<.005
30012	--	--	--	<.01	<.005
30013	--	--	--	<.01	<.005
30014	--	--	--	.02	<.005
30015	--	--	--	<.01	<.005
30016	--	--	--	<.01	<.005
30017	--	--	--	<.01	<.005
30018	--	--	--	<.01	<.005
30019	--	--	--	<.01	<.005
30020	--	--	--	<.01	<.005
30027	--	--	--	.02	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30028	.55	.28	.02	1.42	.166
30029	.12	.04	.01	.30	.064
30030	--	--	--	.15	<.005
30031	--	--	--	.09	.005
30032	--	--	--	.07	.005
30035	.36	.38	.01	1.04	.498
30036	.01	.01	.02	.07	.026
30054	--	--	--	.13	<.005
30055	--	--	--	<.01	<.005
30056	--	--	--	<.01	<.005
30057	--	--	--	.04	<.005
30058	--	--	--	.05	<.005
30059	--	--	--	<.01	<.005
30060	--	--	--	<.01	<.005
30061	--	--	--	<.01	<.005
30062	--	--	--	.01	<.005
30063	--	--	--	<.01	<.005
30064	--	--	--	<.01	<.005
30065	--	--	--	<.01	<.005
30066	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30067	--	--	--	<.01	<.005
30101	--	--	--	.07	<.005
30102	--	--	--	.04	<.005
30103	.04	.04	.02	.18	.012
30104	1.10	.15	.02	1.04	.086
30105	1.11	3.89	.44	5.86	.426
30106	.01	.10	.02	.46	.033
30107	.01	.04	.02	.21	.019
30108	.01	.02	.01	.03	.005
30109	--	--	--	<.01	<.005
30110	--	--	--	.05	<.005
30111	.01	.02	.03	<.01	<.005
30112	--	--	--	.15	<.005
30113	--	--	--	.21	.005
30114	--	--	--	.05	<.005
30115	--	--	--	.03	<.005
30116	--	--	--	.01	<.005
30117	--	--	--	.09	.005
30118	.01	.06	.01	1.02	.010
30119	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

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REPORT NUMBER: 881856 AA JOB NUMBER: 881856 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30178	--	--	--	<.01	<.005
30179	--	--	--	.02	<.005
30180	--	--	--	.04	<.005
30181	--	--	--	<.01	<.005
30182	--	--	--	.06	<.005
30183	--	--	--	<.01	<.005
30184	--	--	--	<.01	<.005
30185	--	--	--	<.01	<.005
30186	--	--	--	<.01	<.005
30187	--	--	--	.06	<.005
30188	--	--	--	<.01	<.005
30189	--	--	--	<.01	<.005
30190	--	--	--	<.01	<.005
30191	--	--	--	.03	<.005
30192	--	--	--	<.01	.005
30193	--	--	--	<.01	<.005
30194	--	--	--	<.01	<.005
30195	--	--	--	<.01	<.005
30196	--	--	--	<.01	<.005
30197	--	--	--	.03	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30198	--	--	--	.03	<.005
30199	--	--	--	<.01	<.005
30200	--	--	--	<.01	<.005
30201	--	--	--	.02	<.005
30202	--	--	--	<.01	<.005
30203	--	--	--	.02	.005
30204	--	--	--	<.01	<.005
30205	--	--	--	.10	<.005
30206	--	--	--	<.01	<.005
30207	--	--	--	<.01	<.005
30208	--	--	--	.01	<.005
30209	--	--	--	<.01	<.005
30210	.02	.09	.03	<.01	<.005
30211	.01	.01	.01	<.01	<.005
30212	.01	.01	.02	.08	<.005
30213	.01	.01	.01	<.01	<.005
30214	.01	.01	.01	.02	<.005
30215	--	--	--	<.01	<.005
30216	--	--	--	.08	<.005
30217	--	--	--	.03	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

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REPORT NUMBER: 881856 AA JOB NUMBER: 881856 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30218	--	--	--	<.01	<.005
30219	--	--	--	<.01	<.005
30220	--	--	--	.02	<.005
30221	--	--	--	.05	<.005
30222	--	--	--	.06	<.005
30223	--	--	--	<.01	<.005
30224	--	--	--	.15	<.005
30225	--	--	--	.06	<.005
30226	--	--	--	.05	<.005
30227	--	--	--	.05	<.005
30228	--	--	--	.05	<.005
30229	--	--	--	.13	<.005
30230	--	--	--	.07	<.005
30231	--	--	--	.09	<.005
30269	.09	.06	.03	.12	.016
30270	.01	.01	.01	.07	<.005
30271	.01	.01	.01	.01	<.005
30272	.01	.01	.01	.06	<.005
30273	<.01	.01	.01	.05	<.005
30274	<.01	.01	.01	.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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REPORT NUMBER: 881856 AA JOB NUMBER: 881856 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30275	<.01	.01	.01	.10	<.005
30276	<.01	<.01	.01	.05	.005
30277	<.01	.01	.01	.04	<.005
30278	.01	.01	.01	<.01	<.005
30279	.01	.01	.01	.05	<.005
30280	.01	.02	.02	.05	<.005
30281	.01	.01	.01	.11	<.005
30282	.01	.01	.01	.03	<.005
30283	.01	.01	.01	<.01	.019
30284	.01	.01	.02	<.01	<.005
30285	<.01	<.01	<.01	<.01	<.005
30286	.01	.01	.01	.07	<.005
30287	.01	.01	.01	.06	<.005
30288	.01	<.01	.01	.04	<.005
30289	--	--	--	<.01	<.005
30290	--	--	--	.02	<.005
30291	--	--	--	.01	<.005
30292	--	--	--	<.01	<.005
30293	--	--	--	.04	<.005
30294	--	--	--	.06	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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REPORT NUMBER: 881864 AA JOB NUMBER: 881864 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30068	.01	<.01	.02	<.01	<.005
30069	.01	<.01	.02	.01	<.005
30070	--	--	--	.06	<.005
30077	--	--	--	<.01	<.005
30078	--	--	--	<.01	<.005
30079	--	--	--	<.01	<.005
30080	--	--	--	.08	<.005
30081	.01	.01	.01	.26	.022
30082	.01	<.01	.01	.15	.013
30083	.57	1.45	2.18	.57	.205
30084	--	--	--	.28	.023
30085	--	--	--	<.01	<.005
30086	--	--	--	<.01	<.005
30087	--	--	--	.04	<.005
30088	--	--	--	<.01	<.005
30137	--	--	--	<.01	<.005
30138	--	--	--	<.01	<.005
30139	--	--	--	<.01	<.005
30140	--	--	--	<.01	<.005
30141	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

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REPORT NUMBER: 881864 AA JOB NUMBER: 881864 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30142	--	--	--	<.01	<.005
30143	--	--	--	<.01	<.005
30144	--	--	--	<.01	<.005
30145	.01	<.01	.01	.02	<.005
30146	.01	<.01	.01	.02	<.005
30147	--	--	--	<.01	<.005
30148	--	--	--	<.01	<.005
30149	--	--	--	<.01	<.005
30150	--	--	--	<.01	<.005
30151	--	--	--	<.01	<.005
30152	--	--	--	.02	<.005
30153	--	--	--	.01	.005
30154	--	--	--	<.01	<.005
30155	--	--	--	<.01	<.005
30156	--	--	--	<.01	<.005
30157	--	--	--	.01	<.005
30158	--	--	--	<.01	<.005
30159	--	--	--	<.01	<.005
30160	--	--	--	<.01	<.005
30161	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed: _____

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REPORT NUMBER: 881864 AA JOB NUMBER: 881864 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30162	--	--	--	.01	<.005
30163	--	--	--	.04	<.005
30164	--	--	--	.01	<.005
30165	--	--	--	.04	<.005
30166	--	--	--	<.01	<.005
30167	--	--	--	.04	<.005
30168	--	--	--	.06	<.005
30169	--	--	--	<.01	<.005
30170	--	--	--	.05	<.005
30171	.03	<.01	.01	.12	<.005
30172	--	--	--	<.01	<.005
30173	--	--	--	<.01	<.005
30174	.01	<.01	.02	.01	<.005
30175	--	--	--	<.01	<.005
30176	--	--	--	<.01	<.005
30177	--	--	--	<.01	<.005
30251	--	--	--	<.01	<.005
30252	--	--	--	.03	<.005
30253	--	--	--	<.01	<.005
30254	--	--	--	.06	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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REPORT NUMBER: 881864 AA JOB NUMBER: 881864 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30255	--	--	--	<.01	<.005
30256	.12	.31	.02	.82	.049
30257	--	--	--	<.01	<.005
30258	.03	.01	.02	<.01	<.005
30259	.02	.01	.02	<.01	<.005
30260	.01	<.01	.01	<.01	<.005
30261	.01	<.01	.01	<.01	<.005
30262	.01	.01	.01	<.01	<.005
30263	.01	.01	.01	<.01	<.005
30264	.03	<.01	.02	<.01	<.005
30265	.02	.04	.02	.13	.015
30266	.02	.09	.02	<.01	.011
30267	.05	.04	.07	.01	.022
33071	--	--	--	<.01	<.005
33072	--	--	--	<.01	<.005
33073	--	--	--	<.01	<.005
33074	--	--	--	<.01	<.005
33075	--	--	--	<.01	<.005
33076	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

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

REPORT NUMBER: 881879 AA JOB NUMBER: 881879 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30091	--	--	--	.03	<.005
30092	--	--	--	<.01	<.005
30093	--	--	--	<.01	<.005
30094	--	--	--	.01	<.005
30095	--	--	--	.01	<.005
30096	--	--	--	.01	<.005
30097	--	--	--	.01	<.005
30098	--	--	--	<.01	<.005
30099	--	--	--	<.01	.005
30100	--	--	--	<.01	<.005
30232	--	--	--	.04	<.005
30233	--	--	--	<.01	<.005
30234	--	--	--	.08	.008
30235	--	--	--	<.01	.005
30236	--	--	--	<.01	<.005
30237	--	--	--	<.01	<.005
30238	--	--	--	<.01	<.005
30239	--	--	--	<.01	<.005
30240	--	--	--	<.01	<.005
30241	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30242	--	--	--	<.01	.005
30243	--	--	--	<.01	<.005
30244	--	--	--	<.01	<.005
30245	--	--	--	<.01	<.005
30246	--	--	--	<.01	<.005
30295	--	--	--	<.01	<.005
30296	--	--	--	<.01	<.005
30297	--	--	--	<.01	<.005
30298	--	--	--	<.01	<.005
30299	--	--	--	<.01	<.005
30300	--	--	--	<.01	<.005
30301	--	--	--	<.01	<.005
30302	--	--	--	<.01	<.005
30303	--	--	--	.03	<.005
30304	--	--	--	.01	<.005
30305	--	--	--	<.01	<.005
30306	--	--	--	.06	.006
30307	--	--	--	<.01	<.005
30308	--	--	--	.05	.005
30309	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30310	--	--	--	<.01	.005
30311	--	--	--	<.01	<.005
30312	--	--	--	<.01	<.005
30313	--	--	--	<.01	<.005
30314	--	--	--	<.01	<.005
30315	--	--	--	<.01	<.005
30316	--	--	--	.07	.005
30317	--	--	--	<.01	<.005
30318	--	--	--	<.01	<.005
30319	.02	.01	.02	<.01	<.005
30320	.01	.01	.01	.02	<.005
30321	--	--	--	<.01	<.005
30322	--	--	--	.01	<.005
30323	--	--	--	.03	<.005
30324	--	--	--	<.01	<.005
30325	--	--	--	<.01	<.005
30326	--	--	--	<.01	<.005
30327	--	--	--	<.01	<.005
30328	.02	.01	.01	<.01	<.005
30329	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30330	--	--	--	<.01	<.005
30331	--	--	--	<.01	<.005
30332	--	--	--	.01	<.005
30333	--	--	--	<.01	<.005
30334	--	--	--	<.01	<.005
30335	--	--	--	<.01	<.005
30336	--	--	--	<.01	<.005
30337	--	--	--	<.01	<.005
30351	--	--	--	<.01	<.005
30352	--	--	--	<.01	<.005
30353	--	--	--	<.01	.005
30354	--	--	--	<.01	<.005
30355	--	--	--	<.01	.005
30356	--	--	--	.02	.005
30357	--	--	--	.04	.005
30358	--	--	--	<.01	<.005
30359	--	--	--	<.01	<.005
30360	--	--	--	.05	<.005
30361	--	--	--	<.01	<.005
30362	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30363	--	--	--	<.01	<.005
30364	--	--	--	<.01	<.005
30365	--	--	--	<.01	<.005
30366	--	--	--	<.01	<.005
30367	--	--	--	<.01	.005
30368	.02	.24	.02	3.95	.138
30369	--	--	--	.01	.008
30370	--	--	--	<.01	<.005
30371	--	--	--	<.01	<.005
30372	--	--	--	.11	.005
30373	--	--	--	<.01	.005
30374	--	--	--	<.01	<.005
30375	--	--	--	<.01	<.005
30376	--	--	--	<.01	<.005
30377	--	--	--	<.01	<.005
30378	--	--	--	<.01	<.005
30379	--	--	--	<.01	<.005
30380	--	--	--	<.01	<.005
30381	--	--	--	<.01	<.005
30382	--	--	--	<.01	.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30383	--	--	--	<.01	<.005
30384	--	--	--	<.01	<.005
30385	--	--	--	.08	.006
30386	--	--	--	<.01	<.005
30387	--	--	--	<.01	<.005
30388	--	--	--	<.01	.005
30389	--	--	--	<.01	.005
30390	--	--	--	.12	<.005
30391	--	--	--	<.01	<.005
30392	--	--	--	<.01	<.005
30393	--	--	--	.02	<.005
30394	--	--	--	<.01	<.005
30395	--	--	--	.77	<.005
30396	--	--	--	<.01	<.005
30397	--	--	--	.01	<.005
30398	--	--	--	<.01	<.005
30399	--	--	--	.06	<.005
30400	--	--	--	1.19	.026
30401	--	--	--	.02	<.005
30402	--	--	--	.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30403	--	--	--	<.01	<.005
30404	--	--	--	.09	.005
30405	--	--	--	.01	<.005
30406	--	--	--	.01	<.005
30407	--	--	--	<.01	<.005
30408	--	--	--	.03	<.005
30409	--	--	--	.02	<.005
30410	--	--	--	<.01	<.005
30411	--	--	--	.07	<.005
30412	--	--	--	.02	<.005
30413	--	--	--	.02	<.005
30414	--	--	--	.03	<.005
30415	--	--	--	.03	<.005
30416	--	--	--	.03	<.005
30417	--	--	--	<.01	.005
30418	--	--	--	<.01	<.005
30419	--	--	--	<.01	<.005
30420	--	--	--	.06	<.005
30421	--	--	--	<.01	<.005
30422	--	--	--	.03	.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30423	--	--	--	<.01	<.005
30424	--	--	--	<.01	<.005
30425	--	--	--	.01	<.005
30426	--	--	--	<.01	<.005
30427	--	--	--	<.01	.005
30428	--	--	--	<.01	<.005
30429	--	--	--	<.01	<.005
30430	--	--	--	<.01	<.005
30431	--	--	--	.01	<.005
30432	--	--	--	.02	<.005
30433	--	--	--	.02	<.005
30434	--	--	--	<.01	<.005
30435	--	--	--	.03	<.005
30436	--	--	--	<.01	<.005
30437	--	--	--	<.01	<.005
30438	--	--	--	.01	.005
30439	--	--	--	<.01	<.005
30440	--	--	--	<.01	<.005
30441	--	--	--	<.01	<.005
30451	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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REPORT NUMBER: 881879 AA JOB NUMBER: 881879 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30452	--	--	--	.07	<.005
30453	--	--	--	<.01	<.005
30454	--	--	--	.01	<.005
30455	--	--	--	<.01	<.005
30456	--	--	--	.01	<.005
30457	--	--	--	<.01	<.005
30458	--	--	--	<.01	<.005
30459	--	--	--	<.01	<.005
30460	--	--	--	<.01	<.005
30461	--	--	--	.03	<.005
30462	--	--	--	<.01	<.005
30463	--	--	--	.08	.005
30464	--	--	--	.09	.005
30465	--	--	--	<.01	<.005
30466	--	--	--	.02	<.005
30467	--	--	--	<.01	<.005
30468	--	--	--	.03	<.005
30469	--	--	--	<.01	<.005
30470	--	--	--	<.01	<.005
30471	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30472	--	--	--	<.01	<.005
30473	--	--	--	<.01	<.005
30474	--	--	--	<.01	<.005
30475	--	--	--	<.01	<.005
30476	--	--	--	<.01	<.005
30477	--	--	--	<.01	<.005
30478	--	--	--	<.01	<.005
30479	--	--	--	.11	<.005
30480	--	--	--	.04	.005
30481	--	--	--	<.01	<.005
30482	.01	.01	.02	<.01	<.005
30483	--	--	--	<.01	<.005
30484	--	--	--	<.01	<.005
30485	--	--	--	.01	<.005
30486	.01	.07	.01	.01	.005
30487	.02	<.01	.01	.05	.136
30488	--	--	--	.01	.027
30489	--	--	--	.10	<.005
30490	--	--	--	.04	<.005
30491	--	--	--	.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30492	--	--	--	<.01	<.005
30493	--	--	--	<.01	<.005
30494	--	--	--	.05	<.005
30495	--	--	--	.01	<.005
30496	--	--	--	.02	<.005
30497	.01	.01	.02	.03	.005
30498	--	--	--	.05	<.005
30499	--	--	--	.03	<.005
30500	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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SAMPLE #	Ag oz/st	Au oz/st
30247	.02	<.005
30248	.16	<.005
30249	<.01	<.005
30250	.05	<.005
30338	.09	.005
30339	<.01	<.005
30340	<.01	<.005
30341	.09	.005
30342	<.01	<.005
30343	<.01	<.005
30344	.02	.005
30345	.08	.005
30346	.01	<.005
30347	<.01	<.005
30348	.04	.005
30349	.06	<.005
30350	.01	<.005
147351	.09	<.005
147352	.08	<.005
147353	<.01	<.005
DETECTION LIMIT	.01	.005

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REPORT NUMBER: 881883 AA JOB NUMBER: 881883 PRIME EXPLORATION

SAMPLE #	Ag oz/st	Au oz/st
147354	<.01	<.005
147355	.04	<.005
147356	.02	<.005
147357	.05	<.005
147358	<.01	<.005
147359	<.01	<.005
147360	.01	<.005
147361	<.01	<.005
147362	<.01	<.005
147363	<.01	<.005
147364	.07	<.005
147365	<.01	.005
147366	.02	<.005
147367	<.01	<.005
147368	.06	<.005
147369	.04	<.005
147370	<.01	<.005
147371	.09	<.005
147372	<.01	<.005
147373	<.01	<.005
DETECTION LIMIT	.01	.005

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SAMPLE #	Ag oz/st	Au oz/st
147374	<.01	<.005
147451	.05	<.005
147452	<.01	<.005
147453	.02	.005
147454	.05	<.005
147455	<.01	<.005
147456	<.01	<.005
147457	.01	.005
147458	<.01	<.005
147459	<.01	<.005
147460	.01	<.005
147461	<.01	<.005
147462	<.01	<.005
147463	.02	<.005
147464	.01	.005
147465	<.01	<.005
147466	.08	.005
147467	<.01	<.005
147468	<.01	<.005
DETECTION LIMIT	.01	.005

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REPORT NUMBER: 881887 AA JOB NUMBER: 881887 PRIME EXPLORATION

SAMPLE #	Ag oz/st	Au oz/st
147010	<.01	<.005
147011	.03	<.005
147012	.05	<.005
147013	<.01	<.005
147014	<.01	<.005
147015	<.01	<.005
147016	.04	<.005
147017	<.01	<.005
147018	<.01	<.005
147032	.09	<.005
147033	<.01	<.005
147034	<.01	<.005
147035	<.01	<.005
147036	<.01	<.005
147037	.12	.005
147038	<.01	<.005
147039	<.01	<.005
147040	.05	<.005
147041	.02	<.005
147042	<.01	<.005
DETECTION LIMIT	.01	.005

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

signed: _____

VGC VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881887 AA JOB NUMBER: 881887 PRIME EXPLORATION

SAMPLE #	Ag oz/st	Au oz/st
147043	<.01	<.005
147044	<.01	<.005
147045	<.01	.005
147046	.03	<.005
147047	<.01	<.005
147048	<.01	.005
147049	<.01	.005
147050	<.01	<.005
147052	.01	<.005
147053	<.01	<.005
147054	.01	<.005
147055	.03	<.005
147056	<.01	<.005
147057	<.01	<.005
147058	<.01	<.005
147059	<.01	<.005
DETECTION LIMIT	.01	.005

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

signed: _____

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881888 AA JOB NUMBER: 881888 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
147004	--	--	--	<.01	<.005
147005	--	--	--	.02	<.005
147006	--	--	--	.01	<.005
147007	--	--	--	<.01	<.005
147008	--	--	--	.05	<.005
147009	--	--	--	<.01	<.005
147060	--	--	--	<.01	<.005
147061	--	--	--	.03	<.005
147062	--	--	--	<.01	<.005
147063	--	--	--	.01	<.005
147064	--	--	--	<.01	<.005
147065	--	--	--	<.01	<.005
147066	--	--	--	.05	<.005
147067	--	--	--	.04	<.005
147375	--	--	--	.05	<.005
147376	--	--	--	.06	<.005
147377	--	--	--	.03	<.005
147378	--	--	--	<.01	<.005
147379	--	--	--	.04	<.005
147380	--	--	--	.03	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed: _____

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

REPORT NUMBER: 881888 AA JOB NUMBER: 881888 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
147381	--	--	--	.07	<.005
147382	--	--	--	<.01	<.005
147383	--	--	--	<.01	.005
147384	--	--	--	<.01	<.005
147385	--	--	--	<.01	<.005
147386	--	--	--	<.01	<.005
147387	--	--	--	<.01	<.005
147388	--	--	--	.02	<.005
147389	--	--	--	.02	<.005
147390	--	--	--	<.01	.005
147391	--	--	--	<.01	<.005
147392	--	--	--	.05	<.005
147393	--	--	--	<.01	<.005
147394	--	--	--	.06	<.005
147395	--	--	--	.05	<.005
147396	--	--	--	.06	<.005
147397	--	--	--	<.01	<.005
147398	--	--	--	<.01	<.005
147399	--	--	--	.02	.005
147400	--	--	--	.03	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed: _____

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881888 AA JOB NUMBER: 881888 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
147401	--	--	--	.02	<.005
147402	--	--	--	.04	<.005
147403	--	--	--	.02	<.005
147404	--	--	--	.04	<.005
147405	--	--	--	.02	<.005
147406	--	--	--	.02	<.005
147469	--	--	--	.06	<.005
147470	--	--	--	.03	<.005
147471	--	--	--	.02	<.005
147472	--	--	--	.06	<.005
147473	.01	.04	.01	.06	<.005
147474	--	--	--	.10	<.005
147475	--	--	--	.03	<.005
147476	--	--	--	.05	<.005
147477	--	--	--	.01	<.005
147478	--	--	--	.02	<.005
147479	--	--	--	<.01	<.005
147480	--	--	--	<.01	<.005
147481	--	--	--	.01	<.005
147482	--	--	--	.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed: _____

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

REPORT NUMBER: 881888 AA JOB NUMBER: 881888 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
147483	--	--	--	.01	<.005
147484	--	--	--	.02	<.005
147485	--	--	--	.05	<.005
147486	--	--	--	.04	<.005
147487	--	--	--	.03	<.005
147488	--	--	--	.02	.005
147489	--	--	--	.04	<.005
147490	--	--	--	.02	<.005
147491	--	--	--	.04	<.005
147492	--	--	--	<.01	<.005
147493	--	--	--	<.01	<.005
147494	--	--	--	.05	<.005
147495	--	--	--	<.01	.005
147496	--	--	--	<.01	<.005
147497	--	--	--	<.01	<.005
147498	--	--	--	<.01	<.005
147499	--	--	--	<.01	<.005
147500	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed: _____

VGC VANGEOCHEM LAB LIMITED

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● (604) 251-5656
● FAX (604) 254-5717

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

REPORT NUMBER: 881894 AA JOB NUMBER: 881894 PRIME EXPLORATION

SAMPLE #	Cu %	Pb %	Zn %	Ag oz/st	Au oz/st
30268	.07	.04	.12	.15	.031
147019	--	--	--	<.01	<.005
147020	--	--	--	<.01	<.005
147021	--	--	--	.02	.005
147022	--	--	--	<.01	<.005
147023	--	--	--	<.01	<.005
147024	--	--	--	<.01	<.005
147025	--	--	--	<.01	<.005
147026	--	--	--	<.01	<.005
147027	--	--	--	<.01	<.005
147028	--	--	--	<.01	<.005
147029	--	--	--	.01	<.005
147030	--	--	--	<.01	<.005
147031	--	--	--	<.01	<.005
DETECTION LIMIT	.01	.01	.01	.01	.005

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

signed: _____

APPENDIX IVa

GEOCHEMICAL DATA SHEETS
SOIL AND SILT DATA

DEVE. PMENTS LIMITED

Geochemical Data S et - SOIL SAMPLING

Sampler: L. Scoggins
Date:
Project:
Property: MAJENTA
NTS:
Location Ref:
Air Photo No:

SILT SAMPLES

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
MST - L8+00S/4+80E									stream flow @ 038° into Island Lake.						
MST - T/L / 1+75N										5	0.5	31	56	292	<3
MST - B/L / 6+00W										10	0.1	36	63	334	<3
MST - B/L / 0+70W										10	0.1	25	44	265	<3
MST - L/6+00S / 2+00W										5	0.4	51	51	199	11
MST - B/L / 12+75S										15	0.1	34	52	220	<3

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Kent Forster
Date: Sept. 27th/88

Project:
Property: Majenta

plotted ✓

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
M.S.88 BL. 0	12+00 S	No Sample					—		Swamp	N/S					
	11+75	20cm	A	Orange + Grey	Clay		—			10					
	11+50	↓	B	Lt. OB			—			30					
	11+25		↓	B			5° S			20					
	11+00			B			5° S			25					
	10+75			O.B.			10° SE			25					
	10+50			↓			10° SE			10					
	10+25						15° SE			15					
	10+00						15° SE			10					
	9+75	↓					20° SE			20					
	9+50	10cm					↓			20					
	9+25	30cm		↓						10					
	9+00	20cm		Orange Grey			↓		Below Outcrop	20					
	8+75	↓		Grey Brown			25 SE			15					
	8+50			G.B.			↓		Below Out Crop	15					
	8+25			O.B					" " "	15					
	8+00			↓			↓		" " "	25					
	7+75						20° SE			20					
	7+50						↓			10					
	7+25	↓	↓	↓			↓			20					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: Kent Forster
Date: Sept. 27th/88

Project:
Property: Majenta
plotted ✓

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
MS.88 BL 0	7+00 S	20cm ~~OB~~	B	OB			20 SE			15					
	6+75						25°SE			10					
	6+50									20					
	6+25								Below Outcrop	20					
	6+00						20°SE		Creek Bed	20					
	5+75								" "	20					
	5+50	30cm								25					
	5+25						15°SE			10					
	5+00									15					
	4+75									10					
	4+50									15					
	4+25				Clayish					20					
	4+00	B		Brown	Clay					20					
	3+75	20cm		OB			10°SE			15					
	3+50			~~B~~B	Clay					20					
	3+25			B						15					
	3+00			~~OB~~B						25					
	2+75			OB						15					
	2+50						—			10					
	2+25						✓			25					

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Kent Forster
Date: Sept. 27th 86

Project:
Property: Magenta

NTS:
Location Ref:
Air Photo No:

plotted ✓

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
MS.88 BL.0	2+00 S	20cm	A	Brown	Clay					15					
	1+75		B	OB						30					
	1+50									25					
	1+25									20					
	1+00									25					
	0+75									25					
	0+50									15					
	0+25									10					
	0+00									5					

PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet SOIL SAMPLING

Sampler: Carl G

Date: Oct. 3/88

Project: ~~Ma~~

Property: Majenta

plotted ✓

NTS:

Location Ref:

Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
L2+00N	3+75W		B	OR	Soil		0	Forest		25					
"	3+50		"	OR/BR	"		0	"		20					
"	3+25		"	"	"		0	"		10					
"	3+00W		"	"	"		-10°	"		15					
"	2+75		"	"	"		-5°	"		20					
"	2+50		"	"	"		-20°	"		30					
"	2+25		"	BR	"		0°	"		15					
"	2+00W		"	OR/GR	Clay		-10°	"		10					
"	1+75		"	OR/BR	Soil		0°	"		15					
"	1+50		"	"	"		-10°	"		20					
	1+25W		"	"	"		-15°	"		10					

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PAMI(N
DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler _____
Date _____

Project L2+00N
Property MASENTA

plotted

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Ag ppb					
5+25W	L2+00N	10cm	B	LB			—			15					
5+50		25	B	LB			10°			20					
5+75		5	B	OB			20°			20					
6+00W		10	B	OB			—			15					

PA[illegible]
DEVELOPMENTS LIMITED

Geochemical Data S[illegible]et - SOIL SAMPLING

Sampler: Glenn C. / Brian M.
Date: Oct 2/88

Project: L2+00N
Property: MAJENTA plotted

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
0+25W	L2+00N	20	B	O/BRN			10°		JUST ABOVE OUTCROP	10					
0+50W		✓	✓	✓			✓			20					
0+75		✓	✓	✓			30°			5					
1+00		✓	✓	✓			✓			20					
Oct 3/88															
	Carl G.														
4+00										25					
4+25										20					
4+50										15					
4+75										15					
5+00										20					

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DEVELOPMENTS LIMITED — Geochemical Data Sheet - SOIL SAMPLING

Sampler: CARL G.
Date: OCT. 3/88
Project: L 0+00 ~~L 12+00S~~ → WEST
Property: MAJENTA
NTS:
Location Ref:
Air Photo No: —

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au PPB					
L 0+00	0+25W		B	OR/BR	Clay		0	Forest		20					
"	+50		"	"	Soil		0	"		10					
"	+75		"	"	Clay		+5°	"		25					
"	+00		"	"	Soil		+8°	"		10					
"	+25		"	"	"		+15°	"		20					
"	+50		"	"	"		0	"		20					
"	+75		No	SAMPLE			—	"	BOG	N/S					
"	2+00		No	SAMPLE			—	"	BOG	N/S					
"	+25		No	SAMPLE			—	"	BOG	N/S					
"	+50			OR	Soil		0°	"		25					
"	+75			OR/BR	Clay		+25°	"		25					
"	3+00			OR/BR	Soil		0	"		20					
"	+25			"	"		"	"		25					
"	+50			"	"		+15°	"		15					
"	+75			"	"		0	"		35					
"	4+00			"	"		-5°	"		15					
"	+25			"	"		-5°	"		15					
"	+50			OR	"		-5°	"		20					
"	+75			OR	"		0	"		20					
"	5+00			OR/BR	"		+10°	"		20					

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DEVEL[illegible]MENTS LIMITED

Geochemical Data Sh[illegible] - SOIL SAMPLING

Sampler: Carl G.
Date: Oct. 3. / 88

Project: L 0+00 → West
Property: MAJENTA

plotted

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
L 0+00	5+25 W		B	0°/BR	Soil		-5°	Forest		20					
"	5+50		"	"	"		0°	"		25					
"	5+75		"	"	"		0°	"		15					
"	6+00		"	BR	"		-15°	"		15					
"	6+25 W		"	0°/BR	"		0°	"		10					

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Geochemical Data Sh[illegible] - SOIL SAMPLING

Sampler: CARL G.
Date: OCT. 3/88
Project: L4+00W
Property: MATENA.
NTS:
Location Ref:
Air Photo No:

plotted

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au (ppb)					
L4+00W	2+25N		B	OR/BR	Soil		0°			20					
"	2+50		"	"	Clay		0°			10					
"	2+75		"	"	Soil		"			30					
"	3+00N		"	"	"		"			25					
"	3+25		"	"	"		"			20					
"	3+50		"	OR	"		+15°			40					
"	3+75		"	OR/BR	"		+5°			15					
"	4+00N.		"	"	"		+5°			20					
"	4+25		"	"	"		+10°			15					
"	4+50		"	BR	"		-20°			20					
"	4+75		"	"	"		-10°			15					
"	5+00N.		"	"	"		-5°		Rock (COARSE FRAGMENTS)	40					
"	5+25		"	"	"		-10°			25					
"	5+50		"	"	"		-10°			10					
"	5+75		"	OR	"		-5°			25					
"	6+00N.		"	BR	Clay		-20°			15					
"	6+25		"	OR			-15°			25					
"	6+50		No	SAMPLE					Rock	NS					
"	6+75		"	OR/BR			-10°			20					
"	7+00N.		"	OR			-10°			25					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: BRIAN MCADAM
Date: OCT. 2/88

Project: BASE LINE O
Property: MAJENTA

NTS
Location Ref
Air Photo No

plotted ✓

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
B/L	0+00	10	B	D/BRN			30°			15					
	0+25N	✓	✓	✓			✓			10					
	0+50N	15	✓	✓			Flat			?					
	0+75N	✓	✓	✓			40°			20					
	1+00N	10	✓	✓			30°			15					
	1+25N	20	✓	MEDIUM BRN			20°			5					
	1+50N	15	✓	O/BRN			✓			20					
	1+75N	20	✓	GREY/BRN			✓			10					
	2+00N			NO SAMPLE			TOO	STEEP		N/S					

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Carl G / Mike Tiple
Date: Sept 28/88

Project: L 4+00S
Property: MASKUTH

plotted ✓

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
6+25 W	L4+00S		B	orange-brown			5°			15					
6+00 W			B	"			0°			15					
5+75			B	"			25°			10					
5+50			B	"			25°			20					
5+25			B	"	soil		25°			20					
5+00			B	"	soil		25°			5					
4+75			B	orange	soil		25°			30					
4+50			B	orange-brown	soil		0°			10					
4+25			B	orange-brown	soil		0°			15					
4+00			B	orange	soil		0			20					
3+75			B	orange-grey	soil		5°			20					
3+50			B	orange-brown	soil		0			10					
3+25			B	"	soil		15°			20					
3+00			B	"	soil		15°			10					
2+75			B	"	soil		0°			10					
2+50			B	"	soil		25°			20					
2+25			B	"	soil		25°			10					
2+00			B	"	soil		25°		rocky	15					
1+75			B	orange-grey	soil		0°			15					
1+50 W			B	orange-brown	soil		0°			15					

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Carl G / Mike Tuje
Date: Sept 28/88
Project: L 4+00S
Property: MASENTA
NTS:
Location Ref:
Air Photo No:

plotted ✓

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
1+25W	L4+00S		B	orange-brown	soil		5°			20					
1+00			B	"	"		5°			25					
0+75			B	"	"		5°			20					
0+50			B	"	"		0°			5					
0+25W			B	"	"		5°			20					
								plotted ✓							
0+25E	L4+00S		B						N/S - rock	N/S					
0+50			B	orange-brown	soil		+20°			20					
0+75			B	"	"		0°			nd					
1+00			B	orange-grey	clay		-10°		lots of organics	10					
1+25			B	orange-grey	clay		-40°			5					
1+50			B	brown	soil		-30°			15					
1+75			B	orange-brown	"		-15°			15					
2+00			B	"	"		-15°			10					
2+25			B	orange	"		0°			10					
2+50			B	orange-brown	"		-20°			10					
2+75			B	"	"		-20°			20					
3+00			B	"	"		-20°			10					
3+25			B	"	"		0°			20					
3+50E			B	"	"		-20°			15					

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Carl G / Mike Tighe
Date: Sept 28/88

Project: L 4+00S
Property: MAGENTA

plotted ✓

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
3+75E	L 4+00S		B	Orange/brown			-20°			5					
4+00E			A	brown			-25°	-2		15					

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: CARL ~~[illegible]~~
Date: Sept. 24

Project: Majenta. plotted ✓
Property: ~~[illegible]~~ L 4+00N 11+25W → 6+25W

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au (ppb)					
L4+00N	6+25?	W	B	O+B	Soil		0°	FOREST.		25					
L4+00N	6+00		"	"	"		-10°	"		5					
"	+75		"	"	"		0°	"		10					
"	+50		"	"	"		0°	"		25					
"	+25		"	"	"		+10°	"		15					
"	5+00		"	OR/GRAY	"		"	"		15					
"	+75		"	OR	"		0°	"		25					
"	+50		"	"	"		-10°	"		15					
"	+25		"	"	"		0°	"		20					
"	4+00		"	"	"		"	"		5					
"	+75		"	O+B	"		"	"		15					
"	+50		"	OR	"		"	"		10					
"	+25		"	"	"		"	"		25					
"	3+00		"	"	"		-10°	"		20					
"	+75		"	"			-10°	"		15					
"	+50		"	"			0°	"		10					
"	+25		"	"			-20°	"		20					
"	2+00		"	OR/BRN.			-20°	"		5					
"	1+75		"	OR/BRN			-20°	"		5					
"	1+50		"	OR			-25°	"		5					
	1+25		"	BRN			-20°			10					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: CARL. G.
Date: Sept. 24/88

Project: Majenta
Property: ~~Bel-air~~ · L 6+00N

plotted ✓

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	DESCRIPTION Texture	DESCRIPTION Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Hg (ppb)					
L6+00N.	6+25W.	1	B	OR/BRN	Soil		0°			10					
	6+00		"	OR	"		+20°			5					
	+75		"	"	"		0°			10					
	+50		"	"	"		-10°			10					
	+25		"	OR/BRN	"		0°			15					
	5+00		"	"	"		-10°			10					
	+75		"	"	"		"			15					
	+50		"	"	"		"			10					
	+25		"	"	"		0			10					
	4+00		"	BR	"		0			10					
	+75		"	OR/BR	"		-10°			20					
	+50		"	OR	"		-20°			30					
	+25		"	OR	"		-20°			20					
	3+00W		"	OR/BRN	"		-25°			25					
	~~+75~~		"												
	~~+50~~		"												
	~~+25~~		"												
	~~2+00~~		"												

PAMI[illegible]N DEVELOPMENTS LIMITED

Geochemical Data [illegible]et - SOIL SAMPLING

Sampler: Brian M / Glenn C.
Date: Sept. 30/88

Project: Baseline → South
Property: MASERUTA plotted

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE (x°)	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
12+00S	B	30cm	A-B	Dark Brown			0°		Swamp	10					
12+25S		30	A-B	OB orange brown			0°			10					
12+50		20	B	OB			5°			5					
12+75		8	B	Grey Brown			0		clay-like	15					
13+00		10	B	Light Brown			0			15					
13+25		20	B	OB			0			5					
13+50		15	B	OB			0			15					
13+75		10	B	OB			0			20					
14+00		15	B	OB			0			10					
14+25		20	B	Dark D.B. Brown			0			15					
14+50		20	B	"			0			25					
14+75		20	B	"			0			20					
15+00		15	B	"			0			15					
15+25		15	B	OB			20°			15					
15+50		20	A	D.B.			10°		w clay	5					
15+75		20	B	"			10°			20					
16+00		20	B	OB			0		Sandy	10					
16+25		20	B	DB			10°			25					
16+50		20	A+B	DB			10°			10					
16+75		40	B	OB			10°			10					

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PAMIC N DEVELOPMENTS LIMITED

Geochemical Data S et - SOIL SAMPLING

Sampler: Brian M / Glenn C.
Date: Sept 30/88

Project: Baseline → South
Property: MAJENTA

plotted

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
17+00S	B/L	20	B	OB			10°			nd					
17+25		20	B	OB			10°			25					
17+50		20	B	OB			10°			10					
17+75		20	B	Light LB			10°			10					
18+00		20	B	OB			25			10					
18+25		15	B	OB			25			55					
18+50		35	B+C	Grey Brown			10		clay + rocky	250					
18+75		25	B	B			10			10					
19+00		30	B	OB			0			15					
19+25		20	B	OB			30°			5					
19+50		30	B	OB			30°			20					
19+75		20	A	OB			30			10					
20+00		10	A	OB			30°			15					
20+25										10					
20+50										15					
20+75										20					
21+00S										25					

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

NTS

Sampler: Brian McAdam
Date: Oct 2/88.
Project: L8+00S → East
Property: MAGENTA
Location Ref
Air Photo No

plotted ✓

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
0+25E	L8+00S	15	B	DBRN			30°			10					
0+50		✓	A	✓			40°			20					
0+75		20	B	OBRN			10°			15					
1+00		30	✓	✓			✓			20					
1+25		20	✓	✓			✓		Clay mixture	15					
1+50		✓	✓	✓			✓		✓ ✓	5					
1+75		30	✓	✓		Pool	Flat		✓ ✓	15					
2+00		20	✓	DBRN			✓			20					
2+25		✓	✓	✓			✓		Clay mixture	10					
2+50		✓	✓	✓			✓		✓ ✓	15					
2+75		30	✓	✓			✓		✓ ✓	5					
3+00		20	✓	✓			✓		✓ ✓	15					
3+25		✓	✓	OBRN			✓		✓ ✓	10					
3+50		30	✓	✓			✓		✓ ✓	10					
3+75		20	✓	✓		↓	✓		✓ ✓	10					
4+00		✓	✓	✓			30°			10					
4+25		✓	✓	✓			10°		✓ ✓	25					
4+50		✓	✓	GBRN			✓		✓ ✓	15					
4+75		✓	✓	✓			20°		beside creek	10					
5+00		✓	A	✓			✓		clay mixture	20					

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

(2)

Sampler: BRIAN MCADAM
Date: OCT. 2/88

Project: L8+00S → EAST
Property: MAJENTA
plotted ✓

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
5E25E	L8+00S	20	A	GBRN			20°			5					
5+50E		✓	B	DBRN			flat			30					
5+75E		30	✓	OBRN			10°			5					
6+00E		20	✓	✓			10°			10					
6+25E		✓	✓	GBRN			✓			10					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: Brian McAdam/Glenn C.
Date: Oct 2/88

Project: L8+00S → East and West
Property: MAGENTA

NTS:
Location Ref:
Air Photo No:

plotted

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
~~5+75E~~	~~L8+00S~~														
~~5+50~~															
~~5+75~~															
~~6+00~~															
~~6+25~~															
0+00	L8+00S	30cm	B	Gry-B			25°		volcanics	10					
0+25W		30cm	B	LB			25°			15					
0+50W		25	B	OB			—			20					
0+75W		20	B	Red B			—			20					
1+00W		20	B	Gry. B			15°			5					
1+25		25	B	OB			—			20					
1+50		30	B	DB			—			20					
1+75		25	B	RB			10°			5					
2+00		20	B	RB			—			15					
2+25		35	B	RB			10°			20					
2+50		10	B	RB			15°			15					
2+75		15	B	LB			15°			10					
3+00		20	B	OB			25°			15					
3+25W		25	B	OB			10°			20					

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Glenn Canfield
Date: Oct 2/88

Project: L8+00S → West
Property: MAJENTA

plotted

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
3+50W	L8+00S	~~20cm~~							N/S SWAMP	N/S					
3+75W		~~25~~							N/S SWAMP / Pond	N/S					
4+00		20cm	B	LB			20°			?					
4+25		25	B	OB			—			20					
4+50		20	B	OB			10°			25					
4+75		20	B	OB			—			35					
5+00		25	B	OB			10°			10					
5+25		20	B	RB			10°			40					
5+50		20	B	LB			—		sample taken from top of O/C.	25					
5+75									N/S in pond	N/S					
6+00W									N/S "	N/S					

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CAMSCO DEVELOPMENTS LIMITED

Geochemical Data Sh[illegible] - SOIL SAMPLING

Sampler: CARL G.
Date: OCT. 3/88
Project: L12+00S → WEST
Property: MAJENTA.
plotted.
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au (ppb)					
L12+00S	6+25W		B	BR	Soil		+15°	FOREST		15					
"	6+00		"	OR	"		+15°	"		15					
"	5+75		"	"	"		0°	"		15					
"	5+50		"	"	"		0°	"		20					
"	5+25		"	"	"		-25°	"		15					
"	5+00W		"	"	"		-10°	"		15					
"	4+25		"	"	"		-5°	"		20					
"	4+50		"	"	"		+5°	"		20					
"	4+75		"	OR/BR	"		+15°	"		20					
"	4+00W		"	OR	"		-10°	"		15					
"	3+75		"	BR	"		0°	"		15					
"	3+50		"	OR/BR	"		0°	"		20					
"	3+25		"	OR/BR	"		+10°	"		25					
"	3+00		"	BR	"		0°	"		20					
"	2+75		"	BR	Clay		-10	"		20					
"	2+50		"	OR/BR	Soil		0°	"		15					
"	2+25		"	"	"		0°	"		15					
"	2+00W		"	"	"		0°	"		20					
"	+75		"	"	"		+15°	"		10					
"	1+50W		"	"	"		+10°	"		10					

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sh[illegible] - SOIL SAMPLING

Sampler: CARL G.
Date: OCT. 3/86

Project: L12+00S
Property: MAGENTA
plotted

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
L12+00S	1+25W	B	B	OR	Soil		0°	FOREST		25					
"	1+00W		"	OR	"		-15°	"		10					
"	0+75W		"	OR	"		-15°	"		15					
"	0+50W		"	NO	SAMPLE				BOG	N/S					
"	0+25W		"							N/S					

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: C. Gjerden / M. Tighe
Date: Sept 28/88.

Project: L 12+00S
Property: MAJENTA plotted ✓

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
0+25E	L12+00S							swamp	N/S						
0+50E								"	N/S						
0+75			B	brown	soil		—			20					
1+00									N/S						
1+25									N/S						
1+50								swamp	N/S						
1+75									N/S						
2+00									N/S						
2+25									N/S						
2+50									N/S						
2+75									N/S						
3+00															
3+25															
3+50															
3+75															
4+00															
4+25															
4+50															
4+75															
5+00															

PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Cert G/ Mike Triche
Date: Sept 28/88
Project: L12+00S
Property: MAJENTA
plotted ✓
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
5+25E	L12+00S								N/S	N/S					
5+50									N/S	↓					
5+75									N/S						
6+00									N/S	↓					
6+25			B?	orange/brown	soil		—			15					
6+50									~~N/S~~ ?	~~N/S~~ 25					
6+75			B	orange/grey	soil		—			10					
7+00			B	orange/brown	soil		—			15					
7+25			B	Orange	soil		—			20					
7+50			B	Orange-grey	soil		20°			15					
7+75			B	Orange-brown	soil		⊘			5					
8+00									N/S	N/S					
8+25			B	Orange-brown	soil					20					
8+50E			B	orange-brown	soil		—			20					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: P.R./L.S.
Date: Oct. 4/88

Project: Pamicon L16+00S
Property: Majestic

NTS:
Location Ref:
Air Photo No:

plotted

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au PPB					
L 16+00 S 1+25 W	L16+00S	6"	B	Gold Brown			0	Evergreen		5					
1+50 W		1'	A-C	Grey Brown			5°	"		30					
1+75 W		—	B	Gold Brown			5°	"		20					
0+25 E		1'	B	Dark Brown			0	"		20					
0+50 E		—	B	Gold Brown			2°	"		15					
0+75 E		1'	B	"			3°	"		90					
1+00 E		13"	B-C	Grey to Dark Brown			2°	"		10					
1+25 E		15"	B-C	"			0	"		15					
1+50 E		2'	B	Gold Brown			10°	"		nd					
1+75 E		—	B	"			20°	"		30					
2+00 E		3'	B	"			10°	"		nd					
2+25 E		1'	B	"			20°	"		30					

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PA[illegible]
DEVELOPMENTS LIMITED

Geochemical Data [illegible]eet - SOIL SAMPLING

Sampler B. McAdam
Date Sept 30/88

Project L16+00S → West
Property MAJENTA plotted ✓

NTS
Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb					
0+25W	L16+00S	20	B	OB			0	0		20					
0+50		30	B	DB			0			25					
0+75		20	B	DB			0			15					
1+00		30	A	DB			0			15					

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PAMPTON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Brian M / Glenn C.
Date: Sept 30/88

Project: L 20+00S → East
Property: MAJENTA

NTS:
Location Ref:
Air Photo No:

plotted ✓

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE (x°)	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb					
0+25E	L20+00S	15	B	OB			0			10					
0+50E		15	B	OB			10			25					
0+75E		10	B	OB			0			10					
1+00		10	B	OB			0			15					
1+25		15	B	Brown			5			20					
1+50		30	B	"			35		rocky - below o/c	30					
1+75		10	B	OB			25°			10					
2+00		15	B	LB			15			10					
2+25		20	B	OB			0			10					
2+50		30	B	OB			30			10					
2+75		30	B	OB			15			10					
3+00		25	B	Brown			0		volcanic ash	15					
3+25		20	B	OB			10			15					
3+50		25	B	OB			0			15					
3+75		25	B	OB			0			10					
4+00									N/S	N/S					
4+25									N/S SWAMP	↓					
4+50									N/S						
4+75									N/S						
5+00									N/S						

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PAM[illegible]ON DEVELOPMENTS LIMITED

Geochemical Data [illegible]eet - SOIL SAMPLING

Sampler: BZM Brian M / Glenn C
Date: Sept 30/88

Project: L 20+00S → East
Property: MAGENTA

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage									
5+25	20+00S							Swamp	N/S	N/S					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: Brian McAdam
Date: Sept 30/88
Project: L20+00S → West
Property: MAJENTA
plotted ✓
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE (r°)	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
0+25 W	L20+00S	10	B	OB			40			10					
0+50		30	B	Yellow Br.			10			35					
0+75		20	B	OB			30			10					
1+00		20	B	OB			30			25					
1+25		15	B	OB			30			10					
1+50		20	B	LB			0			10					
1+75		/							N/S - WATER	N/S					
2+00		10	B	LB			0			20					
2+25		10	B	LB			0			25					
2+50		10	B	LB			0			10					
2+75		10	B	LB			0			20					
3+00		10	B	LB			0			10					
3+25		15	B	LB			0			10					
3+50		15	B	LB			0			20					
3+75		15	B	LB			0			10					
4+00 W		15	B	LB			0			15					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler _____ Project L 22+00S → East NTS _____

Date _____ Property MAGENTA Location Ref _____

plotted ✓ Air Photo No _____

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb					
1+25E	L22+00S									10					
1+50E										185					
1+75										130					
2+00										15					
2+25										35					
2+50										15					
2+75										10					
3+00										10					
3+25										20					
3+50										15					
3+75										25					
4+00										15					
4+25										25					
4+50										5					
4+75										10					
5+00										15					
5+25										20					
5+50										N/S					
5+75										15					
6+00										20					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: ?
Date: ?

Project: L 22+00S → EAST
Property: MAGENTA plotted ✓

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb					
6+25E	L22+00S									20					
6+50										35					
6+75										30					
7+00										20					
7+25										15					
7+50										15					
7+75										20					
8+00E										15					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: ?
Date: ?

Project: L 4+50E // L 22+00S
Property: MAGENTA
plotted ✓

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb					
22+25S	4+50E									10					
22+50S										10					
22+75S										10					
23+00S										5					
23+25S										10					
23+50S										15					
23+75S										10					
24+00S										15					
1+00E	L22+00S									10					
6+25E	"									10					

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PAMI_ON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

NTS

Sampler: CARL G.
Date: Sept. 24.
Project:
Property: Magenta
Location Ref:
Air Photo No:

plotted ✓

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au (ppb)					
T.L.	0+25N		B	OR/BRN	Soil		0°	FORREST		5					
"	+50N		"	"	"		"	"		5					
"	+75		"	"	"		+10°	"		15					
"	1+00		"	"	"		"	"		15					
"	+25		"	OR	"		0°	"		10					
"	+50		"	"	"		"	"		5					
"	+75		"	"	"		+15°	"		10					
"	2+00		"	OR/GRAY	"		+20°	"		20					
"	+25		"	OR/BRN	"		0°	"		10					
"	+50		"	"	"		"	"		15					
"	+75		"	"	"		"	"		20					
"	3+00		"	"	"		"	"		10					
"	+25		"	"	"		"	"		15					
"	+50		"	"	"		"	"		25					
"	+75		"	"	"		"	"		10					
"	4+00		"	"	"		"	"		10					
"	+25		"	"	Clay		"	"		10					
"	+50		"	OR	Soil		+15°	"		15					
"	+75		"	OR/BRN	"		0°	"		10					
"	5+00		"	"	"		"	"		10					

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Geochemical Data S..eet - SOIL SAMPLING

NTS

Sampler: CARL G

Project

Location Ref

Date: Sept 24.

Property: Magenta

Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
T.L.	5+25N		B	OR/BRN	Soil		0°	FOREST		20					
"	+50		"	"	"		0°	"		15					
"	+75		"	OR	"		-10°	"		10					
"	6+00		"	OR/BRN	"		0°	"		15					
"	+25		"	BR	"		+10°	"		10					
"	+50		"	"	"		0°	"		5					
"	+75		"	OR/GRAY	"		0°	"		10					
"	7+00		"	OR/BR	"		-25°	"		10					
"	+25		"	OR/BRN	"		-20°	"		5					
"	+50		"	OR	"		0°	"		15					
"	+75		"	"	Soil/Clay		-10°	"		10					
"	8+00		"	"	Soil		-20°	"		20					

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PAMI ON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

NTS

Sampler: CARL + DAVE H.
Date: Sept. 23.
Project:
Property: Majenta
Location Ref:
Air Photo No:

plotted

plotted

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
T.L.	11+00 S		B	OR/BRN			+10°	FOREST		15					
"	10+75		B	OR			+5°	"		20					
"	10+50		B	OR			+5°	"		15					
"	10+25		B	OR/BRN			0°	"		10					
"	10+00		B	OR			"	"		15					
"	9+75		B	OR/BRN			"	"		10					
"	9+50		B	"			"	"		15					
"	9+25		No SAMPLE				—	—	SWAMP	N/S					
"	9+00		No Sample				—	—	SWAMP.	N/S					
"	8+75		B	OR/GRAY			0°	"		20					
"	8+50		B	OR			"	"		15					
"	8+25		B	OR			-10°	"		10					
"	8+00		No SAMPLE.				—	—	SWAMP.	N/S					
"	7+75		No SAMPLE				—	—	SWAMP	N/S					
"	7+50		No SAMPLE.				—	—	SWAMP.	N/S					
"	7+25		B	OR/GRAY			0°	"		5					
"	7+00		B	OR			0°	"		15					
"	6+75		B	OR/BR			0°	"		20					
"	6+50		No SAMPE				—	—	SWAMP.	N/S					
"	6+25		B	OR.			0°	"		10					

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: CARL + DAVEH.
Date: Sept. 23
Plotted

Project:
Property: Magenta
plotted ✓

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
T.L.	6+00S		B	BRN	Soil		+5°	FOREST		20					
"	5+75		"	OR	"		+5°	"		20					
"	5+50		"	OR	"		+5°	"		15					
"	5+25		"	OR/BRN	"		0°	"		10					
"	5+00		"	BRN	"		"	"		10					
"	4+75		"	OR	"		"	"		15					
"	4+50		"	OR	"		"	"		5					
"	4+25		"	OR	"		"	"		5					
"	4+00		"	OR	"		"	"		5					
"	3+75		"	OR	"		+15°	"		15					
"	3+50		"	"	"		+10°	"		20					
"	3+25		"	"	"		-5°	"		15					
"	3+00		"	"	"		-5°	"		10					
"	2+75		"	"	"		-10°	"		5					
"	2+50		No	SAMPLE					SWAMP	N/S					
"	2+25		No	SAMPLE					SWAMP.	N/S					
"	2+00		B	OR			+5°	FOREST		15					
"	1+75		"	"			-5°	"		15					
"	1+50		"	"			-5°	"		15					
"	1+25		"	"			-5°	"		10					

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Geochemical Data Sheet - SOIL SAMPLING

NTS

Sampler: CARL + DAVE H.
Date: Sept. 23.
plotted

Project
Property: Majenta
plotted ✓

Location Ref
Air Photo No

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au (ppb)					
T.L.	1+00S.		B	OR	SOIL		-5°	FORREST		5					
"	+75		"	OR/BRN	"		-5°	"		5					
"	+50		"	"	"		0°	"		10					
"	+25		"	"	"		-5°	"		10					
"	0+00.		A	BRN	"		-5°	"	CREEK.	10					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: Phil Biladeau
Date: Nov. 19/88

Project: Pamicon Dev.
Property: Phiz

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au (ppb)	Ag ppm	Cu ppm	Pb ppm	Zn ppm
3+00 E	L 17+00 S	40	B	Gold Brown			0-5	Evergreen		15	.1	16	9	49
2+75 E	"	30	B-C	Grey Brown			"	"		N/S	—	-	—	—
2+50 "	"	40	B	Gold Brown			"	"		20	.1	29	40	309
2+25 "	"	"	"	No Sample						N/S	N/S	N/S	N/S	N/S
2+00 "	"	10	A	Dark Brown			40-50	"		5	.1	18	19	120
1+75 "	"	40	B	Gold Brown			30-40	"		10	.1	31	33	183
1+50 "	"	30	C	Dark Gold Brown			10-20	"		10	.1	13	23	45
1+25 "	"	30	B	Gold Brown			0-5	"		15	1.1	22	66	207
1+00 "	"	50	B	"			0-5	"		10	.5	27	69	60
0+75 "	"	20	A-C	Dark Br. Grey Br.			"	"		15	.1	15	27	50
0+50 "	"	20	B	Gold Brown			"	"		25	.5	24	59	63
0+25 "	"	20	B	Gold Brown			5-10	"		20	1.1	24	55	77

PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Phil Bilodeau
Date: Nov 19/88
Project: Pamicon Dev.
Property: Phiz
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
L 18+00S 0+25 E		30	B	Gold Brown			25	Evergreen		5	1.2	25	46	213
0+50		30	"	"			5	"		15	.4	20	50	68
0+75		40	"	grey Brown			5	"		20	.4	17	45	95
1+00		40	"	Gold Brown			5	"		15	.5	13	33	85
1+25		30	"	"			5	"		15	1.1	15	35	111
1+50		30	"	"			35	"		20	.2	23	47	74
1+75		20	"	"			45	"		35	1.2	22	40	118
2+00		20	"	"			40	"		25	.1	26	30	74
2+25		30	"	"			5	"		45	.5	50	85	155
2+50		40	"	"			0-5	"		15	.2	27	41	104
2+75		30	"	"			"	"		30	.4	21	40	75
3+00		40	"	"			"	"		20	.4	31	58	66
L 17+50S 0+25 E		30	"	"			10-20	"		10	.5	20	48	110
0+50		30	"	"			"	"		15	.6	21	57	242
0+75		0	"	"			"	"	under fallen tree	10	.6	20	55	164
1+00		40	"	" Grey B			0-5	"		15	.5	27	66	73
1+25		30	"	Gold B.			"	"		15	1.2	20	31	96
1+50		40	"	"			"	"		20	.1	17	33	118
1+75		10	"	Dark Br.			45	"	rock frags	10	.1	28	26	156
2+00		20	" A-B	Black Brown			40-45	"		15	.1	27	25	103

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: Phil Bilodeau
Date: Nov 19/88
Project: Pamicon Dev
Property: Phiz
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn (ppm)
L 17+50 S 2+25 E		20	A-B	Black Brown			40-45	Evergreen		10	.3	31	51	126
2+50 E		40	B	Gold Brown			0-5	"		20	.5	35	71	108
2+75 E		40	B	"			"	"		5	.5	29	43	107
3+00 E		30	B	Dark Brown Gold B "			"	"		10	.4	24	48	95
L 18+50 S 0+25 E		25	B	Gold + Brown			20-30	"		15	1.3	43	58	126
0+50 E		25	"	"			"	"		15	2.5	76	39	151
0+75 E		7	B-C	Grey Brown			5-10	"		15	1.2	23	42	119
1+00 E		7	B	Gold Brown			"	"		20	1.1	28	44	73
1+25 E		7	B	"			"	"		15	1.2	20	45	164
1+50 E		15	B	"			10-20	"		20	.3	23	37	77
1+75 E		45	A-B	Dark Brown			40-50	"		15	.2	22	52	86
2+00		0	B	Gold Brown			0	"		10	1.1	23	47	106
2+25 E		3	B	"			0-5	"		10	.5	27	56	158
2+50 E		3	B	"			"	"		20	.3	22	34	59
2+75 E		3	"	"			"	"		10	.6	21	43	120
3+00 E		3	"	"			"	"		10	.6	19	56	75

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: PB/LS
Date: Oct 6/88

Project: Pamicon
Property: Magenta Lake

NTS:
Location Ref:
Air Photo No.:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb					
0+50 W	Line 18+60	13"	B	Dark Brown			10	Trees		20					
0+40		1'	B	Gold Brown			0°	"	Surface pit	30					
0+30		1'	B	"			10	"		20					
0+20		1'	B	"			0°	"		5					
0+10		1'	B	"			10	"		10					
0+00		1'	B	"			10	"		25					

PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: P.B. / L.S.
Date: Oct. 6/88

Project: Pamicon
Property: Majenta [illegible] on [illegible]

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
0+00W	L 1840S	18"	A-B	Dark Brown			3°	Trees	Some Organics	1600					
0+10W		1'	B	Gold Brown			—	"		1500					
0+20W		1'	B	"			—	"		15					
0+30W		1'	B	"			1°	"		5					
0+40W		13"	B	"			1°	"		5					
0+50W		2'	A-B	Dark Brown			2°	"	Gritty (swamp)	5					
0+50W	L 1830S	1'	B	Gold Brown			0	"		10					
0+40W		1'	B	"			0	"	Swamp	10					
0+30W		0	B	"			0	"	Stump	20					
0+20W		1'	B	"			5°	"		20					
0+10W		1'	A-B	Dark Brown			5°	"		190					
0+00W		1'	B	Gold Brown			5°	"	On top of showing	60					
0+10W	L 1845S	1'	B	Dark Brown			0	"		20					
0+20W		0	B	Gold Brown			0	"	"	70					
0+30W		~~[illegible]~~				No	Sample		(No soil)	N/S					
0+40W		18"	B	"			2°	"	Swamp	20					
0+50W		1'	A-B	Black Brown			0	"		10					

PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: L. Scrogins / P. Bilodeau
Date: Oct 18/88

Project: Detail Grid on Phig Vein
Property: Magenta

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
0+10E	L18+00S	30	B	rusty brown			0°			20	2.3	445	621	251
0+20E		30	B	"			0°			20			123	133
0+30E		25	B-C	brown			3°		rocky	25	2.2			
0+40E		30	B	rusty brown			3°			20			103	
0+50E		30	B	"			0°			25				
B/L	18+00S	50	B	rusty brown			0°		resampled.	15				
0+10W		40	B	"			20°		W. slope	15				
0+20W		35	B	"			20°			30			104	188
0+30W		20		"			break in slope		rocky, edge of swamp	35	1.3			192
0+40W		40	B	deep red rusty brown			0°		swampy drainage	15				
0+50W		40		tan/brown			0°		swampy drainage	15	1.1			

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: A Montgomery / L Scourges
Date: Oct 15/88

Project: Phy Vein - Detail Grid
Property: Magenta

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION Colour	DESCRIPTION Texture	DESCRIPTION Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
0+10E	L18+10S	30	B	Orange Brown OB			3° westerly	open forest	1m N of upper end TR-88-2	30					
0+20E		20-25	B	OB			1°		frags of WR material	10					
0+30E		30	B	OB - golden brown	fine-gritty		0°-1°			5					
0+40E		25	B	OB	gritty		0°			20					
0+50E		35	B	OB	gritty		0°		increase in organics	5					
0+10E	L18+20S	30	B	OB	gritty		3° westerly		lens of grey-green soil between B.	20					
0+20E		30	B	OB	"		1°		increase in organics / ash layer below A	5					
0+30E		25	B	gritty brown reddish	"		0°-1°			15					
0+40E		30	B	OB	"		0°-1°			5					
0+50E		25	B	OB	gritty/sandy		0°			20					
0+10E	L18+30S	25	B	OB	gritty ~~sandy~~		3° westerly			40					
0+20E		20-25	B	OB + lighter brown lens	"		3°			20					
0+30E		25	B-C	Dark Brown			2°-3°		angular rock frags - WR material	60					
0+40E		15	B	OB			2-3°			10					
0+50E		20	B	OB			0°		increase in organics	15					

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet — SOIL SAMPLING

Sampler: A Montgomery / L. Scroggins
Date: Oct 15/88

Project: Phy Vein - Detail Grid
Property: Magenta

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
0+10E	L18+40S	15	B	OB			2°			30					
0+20E		15	B	OB	gritty		2-3°		shallow overburden	15					
0+30E		20	B	OB	fine grit		2-3°			10					
0+40E		20	A-B-C	OB / Dark Brown			2°		poor B-horizon development	15					
0+50E		25	A-B-C	OB / Dark Brown			10° SW slope		" " "	5					
0+10E	L18+50S	15	B-C	Brown			3°		rocky	90					
0+20E		N/S							organics ontop of bedrock	N/S ~~35~~					
0+30E		15	B	OB			3°			35					
0+40E		20	B	Light Brown			10° SW slope			15					
0+50E		15	B	light OB			10° SW slope			nd					
										?					
0+10E	L18+60S	N/S							contaminated from TP-88-3	N/S					
0+20E		15	B?	OB			10° SW slope		lots of outcrop in area	35					
0+30E		30	B	OB			"			15					
0+40E		35	B	OB			"		rocky in area	10					
0+50E		20	B	OB			"			10					

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sh - SOIL SAMPLING

Sampler: A Montgomery / L Scraggio
Date: Oct 15 '88

Project: Phiz Vein - Detail Grid
Property: Magenta

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
0+10W	L 18+20S	25	B	OB			10° W slope		Near TR-88-2 * possible contamination						
0+20W		25	B-C	Dark Red Brown			10° W slope		"	35					
0+30W		15	B	Dark Brown			2°		below trench - contamination ?	35					
0+40W		20	B	OB			0°			nd					
0+50W		15	B	OB			0°			15					
0+10W	L 18+10S	NS								NS					
0+20W		20	B	OB			7° W slope		Fallout Zone from Blast	20					
0+30W		25	B-A	OB-Brown			0°		"Fallout Zone" from Blast	10					
0+40W		20	B	OB			0°			nd					
0+50W		20	B	Brown			0°			15					
										?					

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Phil Bilodeau
Date: Nov. 23/24
Project: Pamicon Dev
Property: Phi 2 -16 Grid
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS (Au ppb)					
0+25 E	L16+00S	30	B	orange brown			50			15					
0+37.5 E	"	"	"	"			"			20					
0+50 E	"	"	"	"			"			20					
0+62.5 E	"	"	C	Grey brown			"			10					
0+75 E	"	"	B	orange brown			"			55					
0+87.5 E	"	"	"	"			"			20					
1+00 E	"	"	"	"			"			5					
1+12.5 E	"	40	A	Dark brown			"			10					
0+25 E	L15+87.5S	30	B	orange brown			"			10					
0+37.5 E	"	"	B	"			"			10					
0+50 E	"	"	C	grey brown			10			20					
0+62.5 E	"	"	B	orange brown			5			5					
0+75 E	"	"	B	"			"			10					
0+87.5 E	"	"	B	"			"			10					
1+00 E	"	"	B	"			"			20					
1+12.5 E	"	"	B	"			3			15					
0+25 E	L16+12.5S	"	B	orang brown			5			15					
0+37.5 E	"	"	"	"			"			10					
0+50 E	"	"	"	red brown			8			10					
0+62.5 E	"	"	"	"			3			15					

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Phil Bilodeau / Liz Scroggins
Date: Nov 23/24
Project: Pamicon
Property: Phiz - 16 Grid
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au (ppb)					
0+62.5E	L16+12.5S	30	B	red brown			5								
0+75 E	"	"	"	"			"			15					
0+87.5E	"	"	"	"			"			20					
1+00E	"	"	"	"			0			20					
1+12.5E	"	"	"	"			0			15					
0+25 E	L16+25S	"	"	orange brown			5-10			20					
0+37.5E	"	"	"	"			"			15					
0+50 E	"	"	"	"			"			10					
0+62.5E	"	"	"	"			"			10					
0+75 E	"	"	"	"			"			10					
0+87.5E	"	"	"	"			"			10					
1+00 E	"	"	"	"			"			20					
1+12.5 E	"	"	"	"			"			20					

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Geochemical Data Sheet - SOIL SAMPLING

Sampler: P.B./L.S.
Date: Nov 23/24

Project: Pamicon
Property: Ph.2 - 16 Grid

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
~~[illegible]~~ 0+25 E	L15+75 S	30	B	orange brown			10-20			<5					
0+37.5 E	"	"	B	"			"			<5					
0+50 E	"	"	B	"			"			5					
0+62.5 E	"	"	B	"			"			25					
0+75 E	"	"	B	"			"			20					
0+87.5 E	"	"	C	grey brown			"			10					
1+00 E	"	40	C	orange brown			"			10					
~~[illegible]~~ 1+12.5 E	"	40	B	"			"			10					

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: Phil Bilodeau/Brian McAdam
Date: Nov. 20/88
Project: Pamicon - 22 Grid
Property: Phiz

NTS:
Location Ref:
Air Photo No:

	SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS (Au ppb)					
	1+75 E	L 22+00 S	30	B	orange brown			10-20								
21+87.5	0+12.5 N	L 1+62.5 E	30	B	"			"			80					
21+75	0+25 N	"	10	B	"			"								
21+62.5	0+32.5 N	"			No		Sample			Dead Fall	NS					
21+50	0+50 N	"	10	B	"			"		rocky	5					
	1+62.5 E	L 22+00 S	30	B	"			5			645					
21+87.5	0+12.5 N	L 1+37.5 E ~~0+12.5N~~	20	B	grey orange			0-5			5					
22+12.5	0+12.5 S	L 1+50 E	20	A-B	gold Brown			"			<5					
22+25	0+25 S	"	10	"	Dark Brown			"			<5					
22+12.5	0+12.5 S	L 1+37.5 E	10	B	"			"			45					
22+12.5	0+12.5 S	L 1+62.5 E	10	B	gold brown			"			275					
22+25	0+25 S	"	15	B	"			"			10					
22+12.5	0+12.5 S	L 1+75 E	20	B	"			5-10			115					
22+25	0+25 S	"	30	B	"			"			10					
22+37.5	0+37.5 S	"	0	B	"			0-5			70					
	1+87.5	L 22+00 S	30	"	"			5-10		under tree	20					
21+87.5	0+12.5 N	L 1+87.5 E	30	A	Dark Brown			0-5		swamp	145					
21+75	0+25 N	"	10-20	"	"			0		"	10					
21+62.5	0+37.5 N	"	20	A-B	"			0		"	5					
21+50	0+50 N	"	0	A-B	"			0-5			<5					

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: PB / BM
Date: Nov. 20/88

Project: Pamicon - 22 Grid
Property: Phiz

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
22+12.5 S	L1+87.5 E	30	B	Dark Brown			10-20			15					
22+25 S		30	B	gold brown			"		Gravely	190					
22+37.5 S		10-20	B	"			20-30			15					
21+87.5 S 0+12.5 N	L 2+00 E	30	B	"						5					
21+75 0+25 N		20	A	" Black						10					
21+62.5 0+37.5 N		20	A-B	Dark Brown						20					
21+50 0+50 N		30	B	"						<5					
22+12.5 S		30	B	orange brown						10					
22+25 S		15	A	grey brown						<5					
22+32.5 S		30	A	grey brown						15					
2+00 E	L 22+00 S	15	B	gold brown						<5					

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - SOIL SAMPLING

Sampler: P. Bilodeau / B. McAdam
Date: Nov. 20/88

Project: Phy Project - 22 Grid
Property: Magenta

NTS:
Location Ref:
Air Photo No:

	SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb					
	1+25E	L22+00S	20	A-B	Dark Brown			20-30°		rock frags	<5					
21+87.5	[illegible]	L1+25E	30	B	"			0-5			35					
21+75	0+25N	"	30	B	orange Brown			20-30			50					
21+62.5	0+37.5N	"	20	B	"			"			15					
21+50	0+50N	"	30	B	"			10-20			5					
21+50	0+50N	L1+37.5E	20	B	"			5-10			5					
21+62.5	0+37.5N	"	15	A-B	Dark Brown			10-20			<5					
21+75	0+25N	"	20	B	" orange			5-10			65					
21+87.5	0+12.5N	"	20	B	grey orange			0-5			5					
	1+50E	L22+00S	30	B	"			5-10			240					
	1+37.5E	"	20	A	Dark Brown			5-10		rock frags	20					
21+87.5	0+12.5N	L1+50E	30	B	orange brown			"			130					
21+75	0+25N	"	20	B	"			"			10					
21+62.5	0+37.5N	"	30	B	"			10-20			20					
21+87.5	0+12.5N	L1+75E	30	B	"			5-10			45					
21+75	0+25N	"	30	A	Dark brown			10-20			55					
21+62.5	0+37.5N	"	30	B	orange brown			0-5			10					
21+50	0+50N	"	30	B	"			0-5			<5					
21+50	0+50N	L1+50E	20	B	"						5					

APPENDIX IVb

GEOCHEMICAL DATA SHEETS

ROCK SAMPLING DATA

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

NTS _____

Sampler L.S/T.A.

Date Sept 22/88

Project _____

Property Magenta

Location Ref _____

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au oz/t	ASSAYS: Au ppb	ASSAYS: As ppm	ASSAYS: Ag ppm	ASSAYS: Cu ppm	ASSAYS: Pb ppm	Zn ppm
18801	4W/525N	Grab		Qtz		none	Qtz sweat? in chloritic seds		nd	10	0.1	17	31	261
Sept 27 18802	B/7+80S	Rock	Grab	Qtz Vein		<1% galena ± cpy	2cm x 40cm long 190/50W.		nd	2	2.8	232	19958	57
18803	B/5+60S 10 ME	"	"	Qtz	limonitic	none			nd	2	0.1	25	709	83
18804	B 3+30S	"	"	Calcite		<1% cpy in calcite + WR.	Within greywacke 190/40W		nd	nd	0.9	447	109	168
18805	B 0+50N	"	"	Wackes	chlorite	minor py + cpy			nd	nd	3.3	100	81	114
Sept 28 18806	B 0+80N	"	"	Qtz Vein	chlorite	trace cpy	in chloritic seds		25	nd	0.1	26	46	112
Sept 29 18807	1987 L 1+30N/ 3+75W	"	"	Greywacke	silicified	1-2% py	@ 1987 soil station		50	10	0.9	99	136	4704

PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler: AL MONTGOMERY

Date: SEPT 30/88 OCT 1/88

Project: MAJENTA

Property: ROB

NTS:

Location Ref:

Air Photo No:

	SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au oz/t	ASSAYS: Au ppb	ASSAYS: Ag oz/t	ASSAYS: Ag ppm	ASSAYS: As ppm	ASSAYS: Cu ppm
A.M.	18808	Tie line/ 8+45S	grab		qtz-sericite meta-sed.?	–	–	sample of 3cm wide qtz vein in meta-sed. numberous veinlets in this outcrop.		<5		0.3	<3	46
	18809	L12+00S/ 4+75W	"		"	w. limonite	<1% fine pyrite	some qtz veining + iron carbonate(?) veinlets.		<5		0.1	34	113
	oct 1													
	18810	L16+00S/ 3+30E	grab		qtzt	w. limonite	–	narrow weakly limonitic qtz veinlets hosted in qtzt.		<5		0.1	136	23
oct 2	18811	L8+00S/ 4+10E	rock	grab / subcrop?	Quartz	limonite sericite		qtz vein on slab of argillite		<5		0.1	<3	25
L.S.	18812	L8+00S/ 4+80E	"	"	Greywacke	silicified	1% fine pyrite	060/0°		<5		0.1	9	49
	18813	@ 18812	"	"	Calcite Vein	limonite	no vis sulphs	060/0		<5		0.1	<3	18
	18814	T/L 5+60S	"	"	Greywacke	kaolinite? silicified	no vis. sulphs			<5		0.1	<3	7
	18815	T/L 5+80S	"	"	"	"	no vis sulphs	more silicified than 18814/3-4mm qtz stringer		<5		0.3	<3	6
oct 3	18816	B @ 20+40S	"	"	Altered Sels diorite?	minor limonite	trace py	≈ qtz stringer 3-4cm wide		<5		0.2	<3	26
L.S.	18817	~~L22+00S~~ 5m below ~~1+30E~~ 18816	"	"	Diorite		trace py			<5		0.3	<3	129
	18818	L22+00S 1+30E	"	"	Altered diorite?		coarse py fleds thru out			<5		0.2	<3	31
	18819	5m E 18818			Altered Seds	limonite	galena?			<5		0.1	<3	15
	18820	L22+00S 1+50E	"	" / Float	Qtz.	limonite	py ± gal?			30		2.1	<3	13
	18821	L22+00S 2+75E	"	" / subcrop	Qtz bull white	limonite	no vis. sulphs.	in altered green rock.		<5		0.1	<3	8
	18822	L22+00S 3+20E	"	grab	Altered diorite?	very limonitic	fine dissem. py <<1%			<5		0.3	<3	6
oct 4	18823	L16+00S/ 2+50E	"	grab	Shear in argillites		~1% dissem py.			30		0.2	394	289
L.S.	18824	B/L 18+30S	"	"	Metaseds?		qtz stringer ≈ <1% py	Similar to 18817. 022/75E looks like a metadiorite?		40		1.6	<3	102
	18825	B/L 18+40S	"	"	Q.U.	frothy qtz	1-2% cpy	* First sample of Phig Vein	.668	>10,000	2.34	72.1	<3	2397
	18826	"	"	"	Q.U		massive cpy		.348	>10,000	5.23	>100	<3	10253

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler: Liz Scroggins
Date: Oct 4-5
Project: Phig Vein - Grab samples
Property: Majenta
NTS:
Location Ref:
Air Photo No:

	SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au oz/t	Au ppb	Ag oz/t	As ppm	Cu %	Pb %	Zn %
Oct 4 cont'd	18827	B/L 18+40S	rock	Grab	Q.U.		gal 1% cpy 2-5%		.304	9630	16.78	1306	.82	.95	.09
	18828	"	"	"	Q.U.		malachite 1-2% cpy		–	420	–	19	.34	.06	
	18829	"	"		Q.U.		strong malachite + cpy + py		.083	1950	~~3.04~~	9	.51	.06	
	18830	"	"	"	Q.U.		cpy ± py	Qtz more crystalline	.204 ~~3.09~~	6000	3.09	109	.18	.33	
	18831	"	"	"	Q.U.	very oxidized + frothy	no vis sulphs		1.678	>10,000	11.29	463	.22	9.69	
	18832	"	"	"	Q.U.		fine grained cpy + py	crystalline qtz	.868	>10,000	–	985	.17	.95	
Oct 5															
	~~18875~~	Phig Vein	Hi-grade grabs		~~Q.U.~~										
	18876	"			Q.U.		cpy + py ~10%		.430		2.32	4	1.15	1.00	
	18877	"			Q.U.		cpy + mal ± gal ± py	qtz vuggy	.038		.36	<3	.41	.16	
	18878	"			Q.U.	limonitic	cpy + mal + py	qtz is jointed in 2 directions	.046		2.80	30	.33	.12	
	18879	"			Q.U.		massive py + 2-3% cpy	qtz grey in patches ~ galena??	1.20		4.93	<3	2.36	4.58	
	18880	"			Q.U		mal + 1-2% cpy ± py	qtz slightly more crystalline	.380		.88	4	.50	.16	
	18881	"			QU.		fine grained massive py c̄	spotty cpy.	1.185		5.82	600	.64	4.73	
													Cu ppm	Pb (ppm)	
Oct 6	18833	~~ridge South of Craig River~~	rock	Grab	?	bleached silicified	fine pyrite	some quartz zoning ED	.032	10	0.5 ppm .11	27	805	477	
ED	18834	"	"	"	?	bleached silicified	minor pyrite	ED	.008	90	1.6 ppm .01	<3	210	195	
	18835	"	"	"	altered ?	bleached	up to 10% py	o/c 25 m long. ED	.005	40	0.1 ppm .03	<3	96	82	

APPENDIX IVc

GEOCHEMICAL DATA SHEETS

TRENCH SAMPLING DATA

PAMIC DEVELOPMENTS LIMITED

Geochemical Data S[illegible]t - ROCK SAMPLING

Sampler: L Scroggins / P. Bilodeau
Date: Oct 8/88.
Project: Phiz Vein - Trench Chip Samples
Property: Magenta
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au oz/t	Au ppb	Ag oz/t			
18851	TR-88-1	Chip	0.6m	Q.U.		5% cpy 2% py	similar to 18852; increase in grey material	.385	>	4.55			
18852			0.6m	Q.U.	limonite	5% cpy ~~2% py~~	1-2mm seams of pyrite, more vuggy than 18851	.338	>	1.98 ~~3.41~~			
18853			0.6m	Q.U.		2% cpy ~1% gal, mass py	similar to 18854	.423	>	3.41			
18854			1.0m	Q.U.	limonite chlorite?	2% cpy ~1% gal, mass py.	Similar to 18855	.222	7980	1.58			
18855			1.0m	Q.U.		mass. py, 2% cpy mal ± azur.	qtz very crystalline/competent Continuation of 18856	.398	>10,000	1.07 ~~3.13~~			
18856			1.0m	Q.U.	chlorite	10% py ~2% cpy trace gal.	qtz ≈ grey/green material = chlorite intersects 18868; sim. to 18858/59 et	.407	> "	1.66			
18857			1.0m	Q.U.	limonite	3-5 cpy, 5 gal mass. py, mal, azur.	Similar to 18858	.540	> "	3.13			
18858			1.0m	Q.U.	limonite	3-5% py; 5% gal - seams of massive py, mal + azur.	Qtz similar to 859/860, slightly ↑ crystalline	.386	> "	2.76			
18859			1.0m	Q.U.	limonite	5% cpy 1% py trace gal.	similar to 18860.	.356	> "	2.27			
18860			1.0m	Q.U.	chlorite?	3-5% cpy ~1% fn. grnd gal. minor mal.	white, mottled qtz.	.357	> "	2.98			
18861			1.0m	Vein		mal 1% cpy 1% gal ~2%	smoky qtz, some silicif. wallrx.	.131	5500	4.98			
18862			1.0m	Hanging Wall		<1% py	similar to 18871; bottom 0.1m very sheared.	.007	240	.18			
18863			1.0m	HW + QU?	silicified oxidized	1% cpy minor mal.	qtz chords ≈ sulph's.	.020	650	.44			
18864			1.0m	Q.U.		mass. py ~20% 2-3% cpy	intersects 52/53.	.938	>10,000	3.85			
18865			1.0m	Q.U.	chlorite	2% cpy 1% mal/azur. 2-3% gal.	Strongest galena white, crystalline qtz, competent	.308	>10,000	1.38			
18866			0.6m	Q.U.		mal + azurite 2% cpy ± gal.	crystalline qtz; bullish?	.648	>10,000	2.20			
18867			1.0m	Q.U/H.W.		10% py, 3% cpy trace azurite	top 0.1m - competent H.W. ≈ qtz stringers 0.6m - strongly sheared; oxidized bottom 0.3m - qtz	.118	5960	2.06			
18868			1.0m	Q.U.	vuggy, limonitic	<1% gal, 3-5 cpy mass. py.	top 0.5m crosses 18856, is very brittle, massive py ± gal, strongly oxidized	.319	>10,000	1.51			
18869			1.0m	Q.U.	strong limonite	5% cpy, mal mass py, azur.	Crystalline quartz + vuggy oxidized quartz	1.018	>10,000	1.98			
18870			1.0m	Q.U.	limonite chlorite	1% gal 3-5 cpy mass. fn. grnd py	White, brittle quartz	.556	>10,000	11.43			

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler: P. Bilodeau / L. Scroggins
Date: Oct 8/88

Project: Phy Vein Trench Chip Samples
Property: Plazenta

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au oz/t	Au ppb	Ag oz/t			
18871	TR-88-1	Chip	1.0m	meta seds? Hangig Wall	epidote stringers	<1% py <1% cpy	top 0.5m - competent, dark green bottom 0.5m - sheared, flat lying, oxidized	.223	7800	1.70			
18872		↓	1.0m	Q.U.	limonite	up to 3% cpy <1% cpy mal.	top at H.W. contact, qtz here sheared bottom same as 18873	.023	995				
18873	Similar to 18860 crosses 18860	↓	1.0m	Q.U.	chlorite	3-5% cpy 1% fnaped py +	minor mal zones of 30% cpy // Qtz is slightly more crystalline @ bottom of vein	.344	710,000	2.14			
Oct 11 - Panel Samples			15cm wide	x									
18882	1.5m S of 18862	Chip	1.3m	Hangig Wall	1mm stringer of epidote	<1-1% fine pyrite	bottom 0.1m of sample in sheer		nd	.01			
18883		↓	0.75m	Silicified W.R. w/ Vein	limonitic clay fractures	<1% cpy trace mal.	* cpy increases @ bottom of sample 1-2%		450	.29			
18884			1.0m	Q.U.	limonitic vuggy	10-20% cpy mass. py + gal	* Good sample	.236	7440	3.43			
18885			1.0m	Q.U.		2-3% cpy 1-2% gal mal.	up to 10% in places strong pyrolusite on fractures & white qtz + mal	.077	3080	.28			
18886		↓	0.9m	Q.U.	limonitic sometimes vuggy	up to 10% cpy mass py, gal	bottom 20-30 cm of sample	.578	710,000	4.90			

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler: Phil Bilodeau
Date: Oct. 12/88

Project: Pamicon Dev.
Property: Majenta

NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au oz/t	Au ppb	Ag oz/t			
18887	TR-88-1 Phiz	Chip	.6m	Metased?	~~shear~~	—	Wall rock - Blocky above shear (Possibly a diorite)		nd	.01			
18888	Vien	"	"	"	shear	pyrite	sheared		80	.20			
18889	"	"	"	Quartz Vein	—	chalcopyrite pyrite, malachite azurite,	top of channel massive pyrite	.222	>10,000	1.20			
18890	"	"	"	"	limonite	" galena		.611	>10,000	1.94			
18891	"	"	"	"	limonite	" galena	limonitic alteration most prominent in this panel	.042	3390	.83			
18892	TR-88-2 Phy Vein	Chip	1.0m	Wallrock	limonitic	—	strongly sheared + brittle 160°/vert	.010		<.01			
18893	TR-88-2	"	0.7m	Q.U.		Top 30 cm <1% py Bottom 40 2% py +	- grey qtz 2% gal - milky white qtz	<.005		1.12			
18894	"	"	1.0m	Wallrock			more massive than #92 (FW?)	<.005		<.01			
18895	TR-88-2	"	1.0m	Wallrock	Sheared brittle	≤1% py in silicified zone	greenish material looks like sval?	.012		.08			
18896		"	1.0m	Q.U.		<1% py	impure qtz 180°/85°-vert	<.005		.06			
18897		"	1.2m	Q.U.	Kspar? - pink tinge	<1% py	" , some QU looks like sil. WR	.010		.03			
18898		"	0.4m	WR		—	sheared seds + sil. WR @ vein/WR contact	<.005		.13			

PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

NTS _____

Sampler L. Scroggins / P. Bilodeau

Project Phiz Vein - Trench Samples

Location Ref _____

Date Oct 18/88

Property Magenta

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au oz/t	ASSAYS: Ag oz/t	ASSAYS: Cu %	ASSAYS: Pb %	ASSAYS: Zn %	
18901	TR-88-4	chip	1m	crystalline qtz	limonite frothy qtz	1-2% cpy - bottom 20cm ≤ 5% gal, 2% cpy, 3-5% mass. fn. grnd py		.224	1.47				
18902	↓	↓	1.0m	crystalline qtz	limonitic	<1% gal mass. py 8%		1.216	3.41		1.20		
18903	↓	Hi-Grade grab	ø			mass. py 5% gal 3-5%	1% cpy	1.602	5.06		7.53		
18904	↓	chip	1.0m	white qtz nodally grey	mod. limonitic	10% up to 10% ± py	cpy in stringers & dissem	.086	.74				
18905	↓	↓	1.0m	Qtz.	limonitic	in middle for 0.3m: up to 10% cpy	+/or 10% py stringers, dissem + patches	.450	3.93				
18906	↓	↓	0.7m	Fractured White Qtz	mod. limonitic	rare sulphide pods (bands?) up to 3cm	wide	.106	1.05				
18907	↓	↓	1.0m	silicified ~~sitr~~ WR/impure QU.	limonite/pyrolusite silicified	minor py <1%	well fractured 136/78E; 119/58E	.978	4.01				
18908	↓	↓	0.3m	impure qtz	pyrolusite limonite	trace sulph's	slight banding	.084	.27				
18909	TR-88-3	chip	1.0m	WR/shear zone	oxidized mine-qtz.		grades into competent WR - 2m above sample shear 160/0-10E	.042	.24				
18910	"	"	1.0m	WR c qtz stringers	limonitic very sheared/shaley	minor pyrite trace gal in qtz stringers		.236	3.03				
18911	TR-88-4	Hi-Grade Grab	ø	Q.U.		50% galena 1% py, 1% cpy, mal.		.006	.11				

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PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

NTS _____

Sampler: L Scroggins
Date: Oct 24/25/88
Project: TR-88-4 (after 2nd blast)
Property: Magenta
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / Apparent True Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au oz/t	Ag oz/t	Cu %	Pb %	Zn %	
18912	TR-88-4	chip	0.8	interbedded WR + silit. WR	strongly oxidized	Top - gal + cpy 1% ↑ qtz - 2% gal, 2% py + cpy		.062	.37				
18913	"		1.0m	sil. WR + QV.	limonite pyrolusite	0-20cm - silic. WR c̄ <1% cpy, gal, py 20-80cm - up to 30% gal c̄ cpy 80-100 - impure qtz		.110	.79				
18914	"		0.7m	interbedded WR + Vitreous qtz	limonitic	blebs gal 1-2% ≤1% cpy, <1% py || Bottom 20cm mal + 3% py in pods		.318	.57				
18915	Top of Channel		0.6m	Milky white qtz		py, gal, cpy mal + azur	+ black metallic? (same as 18916)	2.108	12.8	1.11	3.44	.12	
18916	"		1.0m	Milky white qtz	limonite along fractures	5-10% gal, pods of moss. py *up to 90% sulphides 5-10% cpy, up to 5% steel blue grey metallic? + covellite		3.092	3.54	.70	4.40	.25	
18917	"		1.0m	Bottom .50 - impure qtz Top 0.50m - white qtz		<1% gal, ± py, cpy, trace mal, azurite - 20% cpy + gal, 5% covellite, 5% py		.224	1.18				
18918	above 18915		0.6m	Vitreous qtz sil. WR + qtz	strong limonite stringers c̄	galena, azur, mal, cpy - 2%		.108	.47				
18919	Top of Channel		1.0m	milky qtz grades to silicified WR	strongly oxidized + sheared + limonite	<1% cpy in white qtz 1-2% cpy in silicified WR - minor sericite		.276	.62				
18920			1.0m	sulphides 10-80% in white QV.	weak - mod limonitic alt^n	Bottom 40cm - impure q.v. c̄ minor py *+ metallic? Top 60cm - avg. 30% sulphides // up to 50% cpy, 5% covellite ↑		7.394	6.79	2.34	4.53	.03	
18921			1.0m	grey, mottled qtz + sil. WR	mod - strong lim. pyrolusite	<1% dissemp trace mal	minor milky qtz.	.030	.22				
18922	Top of Channel		1.0m	crystalline + smoky qtz.	weak limonite	zones of 5% cpy, 5-10% gal + moss. pyrite		.258	1.37				
18923			1.0m	interbedded WR + q.v.	10 cm wide shear (155/7.5E)	Smoky white + grey qtz: trace mal, <1% cpy, <1% py		.242	1.22				
18924			1.0m	Drusy qtz	limonitic vugs	Bottom 20cm - 5% gal, up to 20% cpy, moss. py Grades into limonitic crystalline qtz c̄ 5% cpy		.388	1.00				
18925			1.0m	Milky white qtz vein		Bottom 10cm c̄ 1% py + cpy; zones of moss. py. 70cm c̄ up to 10% cpy, 5% gal; 20cm of 10% cpy		1.380	1.48				
18926	Top of Channel		0.8m	crystalline qtz	limonitic	Top 40cm - 5% cpy, 1-2cm stringers of moss. py Bottom 40cm - 8% cpy, ~2% gal		.870	2.43				
18927			1.0m	Top 50cm - white qtz c̄ 20% py + cpy Bottom 50cm - impure qtz + smoky grey qtz		→ same as bottom 40cm 18926 2-5% cpy, mal, trace gal. slightly banded		1.274	1.69				
18928			1.0m	impure qtz	white + smoky grey	cpy as dissem's + in fractures 2% gal in blebs; increase in malachite @ bottom of sample		.288	1.26				
18929			1.0m	Top 50cm = Bottom 50cm =	impure qtz crystalline qtz	c̄ 10% malachite, <1% cpy in fractures c̄ 5% mal + limonitic		.508	1.18				
18930			1.0m	crystalline qtz	limonitic in places	1% cpy in fractures - top 30m trace sulphides - bottom 70cm		.118	.50				
18931			1.0m	impure quartz	Kspar altered qtz?	top 15cm - 5% cpy, <1% covellite, 8-10% py bottom 85 - <1% cpy in fractures		.346	1.73				
18932			1.0m	impure qtz		<1% cpy, 3% py - locally, 1% mal along fractures		.052	.33				

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PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler: L. Scroggins
Date: Nov. 5/88
Project: between TL 88-1 + 88-4
Property: Majenta
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au oz/t	Ag oz/t	Cu %	Pb %	Zn %	
18934	samples @	Chip	0.75m	Shear + Silic. WR	strongly oxidized	trace py	Ref of silic. WR	.072	.26				
18935	120° bearing		0.50m	impure qtz + bull white qtz	mod. limonitic	trace cpy Malachite	did not reach shear on NW side - slump. Malachite in bull white qtz	.046	.42				
18936	(⊥ to strike		1.0m	minor shear + white qtz	Strong shear @ 350/070	Top 20cm - shear WR 70cm - q.v. 10cm - shear	— 2% cpy, mass. py in ~~lenses~~ seams - 2% + mal.	.948	1.91				
18937	of 030°)		1.3m	sil. WR Sheared WR		Top of sample ~~10cm~~	@ shear no strong q.v. → vein pinching out here.	.020	.10				
18938			1.0m	Shear q.v. sil. WR	q.v. - limonitic	Top of sample @ ↳ 10cm qv ≡ 80cm - sil.	shear 1% cpy + py, tr. malachite + seams mass. py WR + impure qtz → 10cm WR + qtz stringers	.170	.81				
18939			1.3m	impure qtz + min. q.v.	mod. limonitic	seams mass py (1-2%) in xtl fine qtz. ~1% cpy + malachite in white qtz		.684	1.26				
18940			1.0m	crystalline q.v.	mod limonitic	2-3% cpy up to 5% fn. gned py	- some bull white qtz void sulph's	.772	1.33				
18941			1.0m	crystalline white qtz v		~1% cpy + mal + 2-3% fn	gned py (only in a few places)	.500	.56				
18942			0.5m	crystalline white qtz. v	mod - strong limonitic	< 1% cpy up to 30% mass.	Bottom of sample @ vein/FW contact fn gned py in smoky grey qtz	.400	1.00				
18943			1.0m	crystalline white qtz. v	mod - strong limonitic	2-3% cpy + mal + up to	10% mass. py in smoky grey qtz	.982	1.98				
18944			1.0m	crystalline white qtz. v	limonitic	2-3% cpy up to 5% py	continuation of 18943	.562	.94				
18945			0.5m	crystalline white q.v.	limonitic vugs in places	3-5% cpy ~1% py	bottom of sample @ vein / FW contact	.488	1.57				
18946			1.0m	crystalline white q.v.	limonitic qtz + grey material	2-5% cpy up to 10% fn	gned py	.678	2.47	1.49	3.49	.72	
18947		↓	1.0m	white q.v. + impure qtz + WR		3-5% cpy @	grades into impure qtz → sil. WR → shear. Top 25cm continuation of 18946	.154	1.48				

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APPENDIX V

DRILL HOLE LOGS

PAMICON DEVELOPMENTS LIMITED

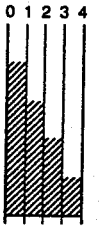
DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 158.1 m
HOLE NO.: M88-1	BEARING: 290°
LOCATION:	DIP: -45°
	TOTAL LENGTH: 44.2 m
LOGGED BY: L. Scroggins	HORIZONTAL PROJECT:
DATE: November 23, 1988	VERTICAL PROJECT:
CONTRACTOR: Falcon Drilling Ltd	
CORE SIZE: BQ	
DATE STARTED: November 22, 1988	
DATE COMPLETED: November 23, 1988	
DIP TESTS:	
COMMENTS:	LEGEND:

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE



traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 2 | PROJECT: Phiz | HOLE NO. M88-1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				0.0 - 4.6 Casing							
				4.6 - 28.3 Amphibolite - dark to light green, fine-grained - hornfelsic; intense fracturing in zones with abundant quartz stringers; locally - strongly magnetic							
5.0				15.4 quartz stringer 60° C/A							
				17.0 quartz stringer 60° C/A							
				16.3 - 21.0 - intermittent zones of banded argillite							
10.0				22.3 - 23.8 - abundant quartz stringers							
				23.8 - 25.3 - gradual change to silicified zones with an increase in sulphides							
15.0				28.3 - 31.3 Diorite - upper contact - gradational; light to pale tan-white, ankerite veinlets							
				31.3 - 35.8 Andesite - dark green, fine-grained, microfractures filled with quartz							
20.0				34.7 grades into bleached zone, intensely fractured with angular fragments							
				35.8 - 42.2 Diorite - pale green to tan-white, [illegible] ankerite veinlets, remnant [illegible]							
25.0				37.6 - clay fault gouge							
				42.2 - 44.2 Banded Argillite - bands of argillite at 45° C/A							
30.0											
35.0											
40.0											
45.0											

PAGE 2 OF 2 | PROJECT: Phiz | HOLE NO. M88-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st
*15% core recov. // q.v. material ??		4.6	8.8	4.2	30002	<.005	<.01
1% disseminated pyrite		8.8	10.3	1.5	30003	<.005	.01
		10.3	11.8	1.5	30004	<.005	.02
		11.8	13.3	1.5	30005	.005	.03
trace pyrite		13.3	14.8	1.5	30006	<.005	<.01
trace to % pyrite		14.8	16.3	1.5	30007	<.005	<.01
		16.3	17.8	1.5	30008	<.005	<.01
trace pyrite		17.8	19.3	1.5	30009	<.005	<.01
		19.3	20.8	1.5	30010	<.005	.02
trace pyrite		20.8	22.3	1.5	30011	<.005	.03
		22.3	23.8	1.5	30012	<.005	<.01
1-2% pyrite		23.8	25.3	1.5	30013	<.005	<.01
trace pyrite, hematite along fractures		25.3	26.8	1.5	30014	<.005	.02
		26.8	28.3	1.5	30015	<.005	<.01
		28.3	29.8	1.5	30016	<.005	<.01
1% disseminated pyrite + trace cpy		29.8	31.3	1.5	30017	<.005	<.01
		31.3	32.8	1.5	30018	<.005	<.01
trace disseminated pyrite		32.8	34.3	1.5	30019	<.005	<.01
up to 2% pyrite @ 34.7 m		34.3	35.8	1.5	30020	<.005	<.01
trace pyrite		35.8	37.3	1.5	30021	<.005	<.01
		37.3	38.8	1.5	30022	<.005	.03
1-2% pyrite		38.8	40.3	1.5	30023	<.005	.06
1-2% pyrite		40.3	41.8	1.5	30024	<.005	.01
~1% pyrite		41.8	43.0	1.5	30025	.005	.06
1-2% pyrite		43.0	44.2	1.2	30026	<.005	.02

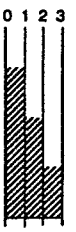
N2/E2

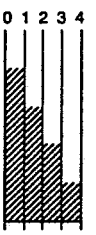
MADE IN VANCOUVER, CANAD.

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 153.2 m
HOLE NO.: M88-2	BEARING: 290°
LOCATION	DIP: -45°
	TOTAL LENGTH: 30.5m
LOGGED BY: L. Scroggins	HORIZONTAL PROJECT
DATE: November 24, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED: November 23, 1988	
DATE COMPLETED: November 24, 1988	TOTAL SULPHIDE SCALE
DIP TESTS	
COMMENTS	LEGEND





PAGE 1 OF 2 | PROJECT: PHIZ | HOLE NO. 1988-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				0.0-1.5m Casing							
				1.5-4.4 Amphibolite - dark green, fine-grained [illegible]							
				4.4 - shear zone [illegible]							
5.0				4.8-5.8 [illegible]							
				5.0 [illegible]							
				5.2-5.6 - stringers [illegible]							
10.0				5.8-10.3 Diorite - pale grey/green [illegible]							
				6.65-6.9 - quartz vein = 25cm at 50° C/A; milky white [illegible]							
15.0				8.4 - shear zone [illegible]							
				8.5-8.8 mauve [illegible]							
				10.3-21.2 Amphibolite - [illegible]							
20.0											
25.0				21.2-21.4 Quartz vein - milky white vein = 20cm at 60° C/A; limonite on fractures							
				21.4-29.4 Diorite - pale green-grey to white, [illegible]							
30.0				25.2 - [illegible]							
				29.4-30.5 Andesite - pale green, weakly silicified, weak carbonate							
35.0											

PAGE 2 OF 2 | PROJECT: PHIZ | HOLE NO. 1988-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st
trace disseminated pyrite		1.5	4.4	2.9	30027	<.005	.02
3-5% chalcopyrite, trace galena with massive pyrite stringers at 5.1m		4.4	5.2	0.8	30028	.166	1.42
1-2% pyrite, trace chalcopyrite, trace [illegible] in sugary quartz		5.2	5.8	0.6	30029	.064	.30
		5.8	6.9	1.1	30030	<.005	.15
trace to 1% disseminated pyrite ± chalcopyrite		6.9	8.8	1.9	30031	.005	.09
@ 9.9m - galena stringers = 1mm		8.8	10.3	1.5	30032	.005	.07
trace to 1% py		10.3	11.8	1.5	30033	<.005	.05
trace to 1% py		11.8	13.3	1.5	30039	<.005	<.01
trace to 1% py		13.3	14.8	1.5	30040	<.005	.03
fine disseminated pyrite throughout		14.8	16.3	1.5	30041	<.005	.01
disseminated pyrite		16.3	17.8	1.5	30042	<.005	<.01
		17.8	19.3	1.5	30043	<.005	.02
		19.3	20.3	1.0	30044	<.005	<.01
		20.3	21.2	0.9	30045	<.005	<.01
no visible sulphides		21.2	21.4	0.2	30046	<.005	.01
1-2% galena, 1% py @ 22.1 m		21.4	22.9	1.5	30047	<.005	<.01
trace disseminated pyrite		22.9	24.4	1.5	30048	.005	.01
trace disseminated pyrite		24.4	25.6	1.2	30049	.007	.23
1% py, trace ± cpy? - only 0.5m of material		25.6	26.4	0.8	30050	<.005	<.01
trace to 1% disseminated pyrite		26.4	27.9	1.5	30051	.005	<.01
trace pyrite		27.9	29.4	1.5	30052	<.005	<.01
trace pyrite		29.4	30.5	1.1	30053	<.005	.03

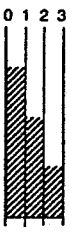
N2/E2

MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 153.4 m
HOLE NO.: M88-3	BEARING: —
LOCATION	DIP: -90°
	TOTAL LENGTH: 30.5 m
LOGGED BY: L. Scroggins	HORIZONTAL PROJECT
DATE: November 24, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd.	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED: November 23, 1988	TOTAL SULPHIDE SCALE
DATE COMPLETED: November 23. 1988	
DIP TESTS	
COMMENTS	LEGEND



PAGE 1 OF 2 | PROJECT: Phiz | HOLE NO. M88-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				0.0-1.5m	Casing							
				1.5-3.4	Quartz Amphibolite - dark green-black; very fine-grained to massive; Veinlets of quartz-plagioclase - epidote							
5.0				3.4-4.2	Mineralized Quartz Vein - white + grey quartz. 3.5m - [illegible] 4m [illegible] - [illegible] milky white quartz, [illegible] in sulphides							
10.0				4.2-18.5	Diorite - green-grey, fine-grained groundmass with relic plagioclase grains; strongly fractured.							
15.0												
20.0												
				18.5-30.5	Porphyritic Amphibolite - medium to dark green, weakly to moderately foliated. 19.3 - fragment of monzonite. 28.8-30.5 - weakly brecciated and clay altered.							
25.0												
30.0												
35.0												

PAGE 2 OF 2 | PROJECT: Phiz | HOLE NO. M88-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
trace pyrite		1.5	3.4	1.9	30034	<.005	.01			
up to 5% massive pyrite at 3.5m + trace galena at 4.1m		3.4	4.2	0.8	30035	.498	1.04	.36	.38	.01
1-2% disseminated pyrite		4.2	5.7	1.5	30036	.026	.07	.01	.01	.02
"		5.7	7.2	1.5	30037	<.005	<.01			
"		7.2	8.7	1.5	30038	<.005	<.01			
"		8.7	10.2	1.5	30054	<.005	.13			
"		10.2	11.7	1.5	30055	<.005	<.01			
"		11.7	13.2	1.5	30056	<.005	<.01			
"		13.2	14.7	1.5	30057	<.005	.04			
"		14.7	16.2	1.5	30058	<.005	.05			
"		16.2	17.7	1.5	30059	<.005	<.01			
"		17.7	19.2	1.5	30060	<.005	<.01			
trace pyrite		19.2	20.7	1.5	30061	<.005	<.01			
<1% pyrite		20.7	22.2	1.5	30062	<.005	.01			
		22.2	23.7	1.5	30063	<.005	<.01			
		23.7	25.2	1.5	30064	<.005	<.01			
		25.2	26.7	1.5	30065	<.005	<.01			
		26.7	28.6	1.9	30066	<.005	<.01			
1% disseminated pyrite		28.6	30.5	1.9	30067	<.005	<.01			

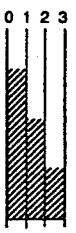
MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

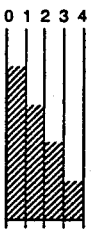
PROJECT: Phiz	GROUND ELEV.: 149.3m
HOLE NO.: M88-4	BEARING: 290°
LOCATION	DIP: -50°
	TOTAL LENGTH: 30.5m
LOGGED BY: L. Scroggins	HORIZONTAL PROJECT
DATE: November 25, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd.	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED: November 24, 1988	TOTAL SULPHIDE SCALE
DATE COMPLETED: November 24, 1988	
DIP TESTS	
COMMENTS	LEGEND

ALTERATION SCALE



absent
slight
moderate
intense

TOTAL SULPHIDE SCALE



traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 2 | PROJECT: PHIZ | HOLE NO. M88-4

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				0.0 - 2.7m Casing							
				2.7 - 6.0 Quartz Amphibolite - dark green, fine-grained with epidote stringers up to 4 mm							
5.0				6.0 - 6.6 Andesite ? - upper contact - sharp, lower contact @ 20°CA + massive-pale brown ferroan clay [illegible]							
				6.6 - 8.7 Pervasive Quartz Vein - [illegible] quartz veining							
10.0				6.6 - 7.9 milky white, crystalline quartz with abundant calcite lens							
				7.9 - 8.7 distinct change to pyritized quartz vein							
				8.1 - 8.2 fault zone with sulphides							
15.0				8.7 - 17.5 Diorite - pale green - green to pale white strongly brecciated & foliated							
				16.8 - 17.0 - fault gouge							
20.0											
				18.5 - 22.6 Quartz Amphibolite - dark green, fine-grained, weak to moderate silicification; trace sulphides							
25.0				22.6 - 28.3 Diorite - pale green - green to white, pervasive to strongly [illegible] brecciation							
				26.5 - fault gouge							
30.0				27.9 - 28.3 - distinct breccia with [illegible] up to 3cm.							
				29.3 - 30.5 Quartz Amphibolite - dark green, fine-grained to massive; few quartz stringers							
35.0											

PAGE 2 OF 2 | PROJECT: PHIZ | HOLE NO. M88-4

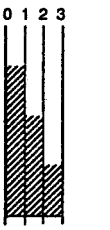
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
ground up; casing recovery = 19% trace py core recovery = 42%		0.0	2.7	2.7	30101	<.005	.07			
		2.7	6.0	3.3	30102	<.005	.04			
<1% fine grained pyrite, trace chalcopyrite		6.0	6.6	0.6	30103	.012	.18	.04	.04	.02
5-10% chalcopyrite, trace galena, trace malachite + azurite		6.6	7.9	1.3	30104	.086	1.04	1.10	.15	.02
20-30% massive pyrite, 2-3% chalcopyrite 1-2% galena		7.9	8.7	0.8	30105	.426	5.86	1.11	3.89	.44
1-2% disseminated pyrite trace gal?		8.7	9.7	1.0	30106	.033	.46	.01	.10	.02
1-2% pyrite, trace cpy		9.7	11.1	1.4	30107	.014	.21	.01	.04	.02
trace pyrite, galena		11.1	11.9	0.8	30108	.005	.03	.01	.02	.01
1-2% pyrite		11.9	13.4	1.5	30109	<.005	<.01			
1% disseminated pyrite		13.4	14.9	1.5	30110	<.005	.05			
1-2% pyrite		14.9	16.4	1.5	30111	<.005	<.01	.01	.02	.03
1-2% pyrite; up to 3% @ 17.6-17.9		16.4	17.9	1.5	30112	<.005	.15			
up to 5% pyrite		17.9	18.5	0.6	30113	.005	.21			
		18.5	20.0	1.5	30114	<.005	.05			
		20.0	21.2	1.2	30115	<.005	.03			
		21.2	22.6	1.4	30116	<.005	.01			
		22.6	24.1	1.5	30117	.005	.09			
1-2% pyrite, trace galena		24.1	24.9	0.8	30118	.010	1.02	.01	.06	.01
≤1% disseminated pyrite		24.9	26.4	1.5	30119	<.005	<.01			
		26.4	27.1	0.7	30120	<.005	<.01			
pyrite stringers 2-3%		27.1	27.9	0.8	30121	.005	.17			
pyrite stringers + hematite		27.9	28.3	0.4	30122	<.005	<.01			
trace pyrite		28.3	29.4	1.1	30123	<.005	.08			
trace sulphides		29.4	30.5	1.1	30124	<.005	.03			

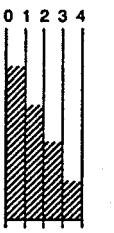
N2/E2 (2) MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 149.5 m
HOLE NO.: M88-5	BEARING: —
LOCATION	DIP: -90°
	TOTAL LENGTH: 30.5 m
LOGGED BY: L. Scroggins	HORIZONTAL PROJECT
DATE: November 27, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd.	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED: November 24, 1988	TOTAL SULPHIDE SCALE
DATE COMPLETED: November 24, 1988	
DIP TESTS	
COMMENTS	LEGEND





PAGE 1 OF 2 | PROJECT: Phiz | HOLE NO. M88-5

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				0.0-4.3m Casing							
				4.3-4.7 Quartz Amphibolite - dark green, fine-grained weak epidote alteration							
5.0				4.7-5.2 Mineralized Quartz Vein - milky white to smokey grey quartz ≤ abundant sulphides							
				5.2-8.0 Amphibolite - dark to pale green, weakly brecciated, weak to moderate silicification							
10.0				8.0-10.3 Diorite - dark to pale green; chlorite-sericite-quartz alteration, weakly foliated @ 50° C/A							
15.0				10.3-13.7 Monzonite - pinkish-grey, quartz altered, medium-grained plagioclase phenocrysts							
				13.7-17.0 Diorite - pale grey-green, weakly foliated as above							
20.0				17.0-18.2 Altered Diorite - pale grey-green, siliceous, clay altered							
				18.2-23.9 Diorite - medium grained, grey diorite foliated							
25.0				23.9-30.5 Altered Diorite - pale grey-green to white, weakly [illegible] 28.9-29.2 - strong argillic alteration							
30.0											
35.0											

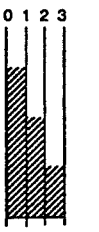
PAGE 2 OF 2 | PROJECT: Phiz | HOLE NO. M88-5

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
		4.3	4.7	0.3	30125	<.005	.06			
5-10% chalcopyrite, <1% pyrite; trace galena, malachite, azurite		4.7	5.2	0.5	30126	.394	2.45	2.07	1.09	.06
1-2% pyrite, poor core recovery		5.2	5.9	0.7	30127	.021	.07			
		5.9	7.4	1.5	30128	.013	.01			
1-2% pyrite		7.4	8.9	1.5	30129	<.005	.02			
1% pyrite		8.9	10.4	1.5	30130	<.005	<.01			
1-2% pyrite		10.4	11.9	1.5	30131	<.005	.01			
1-2% pyrite		11.9	13.4	1.5	30132	<.005	<.01			
1-2% pyrite		13.4	14.9	1.5	30133	<.005	<.01			
		14.9	16.4	1.5	30134	<.005	<.01			
trace pyrite		16.4	17.9	1.5	30135	<.005	<.01			
trace pyrite		17.9	19.4	1.5	30136	<.005	.02			
		19.4	20.9	1.5	30137	<.005	<.01			
trace pyrite		20.9	22.4	1.5	30138	<.005	<.01			
1% pyrite		22.4	23.9	1.5	30139	<.005	<.01			
		23.9	25.4	1.5	30140	<.005	<.01			
trace to 1% pyrite		25.4	26.9	1.5	30141	<.005	<.01			
1-2% pyrite		26.9	28.4	1.5	30142	<.005	<.01			
1-2% pyrite		28.4	29.5	1.1	30143	<.005	<.01			
1-2% pyrite		29.5	30.5	1.0	30144	<.005	<.01			

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 157.6m
HOLE NO.: M88-6	BEARING: 270°
LOCATION	DIP: -75°
	TOTAL LENGTH: 16.8m
LOGGED BY: L. Scroggins	HORIZONTAL PROJECT
DATE: November 27, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd.	**ALTERATION SCALE**
CORE SIZE: BQ	
DATE STARTED: November 25, 1988	**TOTAL SULPHIDE SCALE**
DATE COMPLETED: November 25, 1988	
DIP TESTS	
COMMENTS	LEGEND



absent
slight
moderate
intense

traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 2 | PROJECT: Phiz | HOLE NO. 1788-6

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				0.0 - 3.0	Casing							
				3.0 - 8.3	Amphibolite QU - badly broken core; pale green with strong fracturing at 5.5m.							
5.0					6.8 - 8.3 - silicified and moderately brecciated							
				8.3 - 13.3	Diorite — green grey groundmass with plagioclase phenocrysts + K-feldspar							
10.0					11.3 - 12.5 silicified zone							
					12.5 - 13.3 bleached light grey/beige							
					12.7 - fracture							
					12.9 - fracture & quartz stringer							
15.0					13.1 - limonite fault gouge							
				13.3 - 15.8	Amphibolite - green-grey; fine-grained to massive							
					13.9 - 14.1 - strongly brecciated c quartz stringers @ 30° C/A.							
20.0					14.9 - 15.0 fault gouge							
				15.8 - 16.8	Diorite - green to grey, silicified; plagioclase phenocrysts.							

PAGE 2 OF 2 | PROJECT: Phiz | HOLE NO. 1788-6

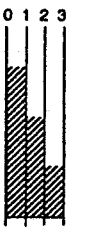
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
< 1% pyrite, trace galena, chalcopyrite		3.0	5.3	2.3	30068	<.005	<.01	.01	<.01	.02
		5.3	6.8	1.5	30069	<.005	.01	.01	<.01	.02
		6.8	8.3	1.5	30070	<.005	.06			
~ 1% disseminated pyrite		8.3	9.8	1.5	30071	<.005	<.01			
< 1% pyrite		9.8	11.3	1.5	30072	<.005	<.01			
trace disseminated pyrite		11.3	12.5	1.2	30073	<.005	<.01			
		12.5	13.3	0.8	30074	<.005	<.01			
trace pyrite		13.3	14.7	1.4	30075	<.005	<.01			
		14.7	15.8	1.1	30076	<.005	<.01			
pyrite (~1%) trace chalcopyrite		15.8	16.8	1.0	30077	<.005	<.01			

MADE IN VANCOUVER, CANADA

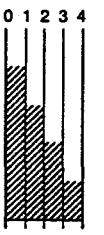
PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 165.7m
HOLE NO.: M88-7	BEARING: 290°
LOCATION	DIP: -45°
	TOTAL LENGTH: 122.2 m
LOGGED BY: L. Scroggins	HORIZONTAL PROJECT
DATE: Nov. 27, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd.	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED: Nov. 25, 1988	TOTAL SULPHIDE SCALE
DATE COMPLETED	
DIP TESTS	
COMMENTS	LEGEND



absent
slight
moderate
intense



traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 6 | PROJECT: Phiz | HOLE NO. M93-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				0.0-3.0 Casing							
				3.0-6.8 Altered Diorite - medium-grained, dark grey to black, weak to moderately recrystallized, possibly a diorite?; epidote stringers and fractures 30° C/A							
5.0	31			5.0 bleached zone + shear @ 60° C/A							
				6.8-15.8 Quartz Amphibole recrystallized contact with diorite; fine-grained, dark green to dark grey; interbedded argillaceous material; quartz stringers in various orientations.							
10.0	100			11.3-12.8 - bedding? ⊥ C/A							
				14.9 - vuggy quartz stringer = 3mm at 80° C/A							
	100			15.2 - grades into silicified diorite							
15.0				15.8-18.8 Altered Diorite - green-grey, weak to moderate silicification, minor epidote and clay alteration; bedding(?) and stringers 60° C/A							
	100			16.8-17.3 strong fracturing							
20.0				18.8-20.1 Altered Andesite? - light to medium grey; quartz - veins 70°-80° C/A							
	100			20.1-22.2 Silicified and Altered Andesite? - pale grey to bleached light grey/green;							
25.0				20.9 - strong alteration halo with relict bedding and fracturing at 70° C/A							
	100			29.5-21.1 strong brecciation							
				21.1-22.2 1mm laths of mariposite?							
	100			21.8 - fault gouge @ 70° C/A							
30.0				22.2-34.9 Black Argillite - dark grey to black, very fine grained to aphanitic							
	100			22.2-22.4 bleached alteration halo							
				22.4-2 relict bedding 80° C/A							
				23.3 - shear 55° C/A							
35.0	100			26.6 - strongly foliated (gneissic texture) 70° C/A							
	100			27.0 - distinct bedding ⊥ C/A							
				29.1 - quartz stringer = 1cm @ 70° C/A							
				29.4 - quartz stringer + fracture @ 50° C/A							
40.0				29.9 - quartz stringer = 1cm @ 80° C/A							
	100			31.4 - fault/shear @ 50° C/A							
				31.8 - quartz stringer = 2cm @ 70° C/A							
	50			32.0 - quartz stringer = 1cm @ 65° C/A							
45.0				31.7 - shear @ 45° C/A ± limonite							

PAGE 2 OF 6 | PROJECT: Phiz | HOLE NO. M88-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
*only 0.8 m core; trace pyrite		3.0	5.0	2.0	30151	<.005	<.01			
		5.0	5.7	0.7	30152	<.005	.02			
trace pyrite		5.7	6.8	1.1	30153	.005	.01			
trace pyrite		6.8	8.3	1.5	30154	<.005	<.01			
		8.3	9.8	1.5	30155	<.005	<.01			
		9.8	11.3	1.5	30156	<.005	<.01			
trace pyrite		11.3	12.8	1.5	30157	<.005	<.01			
trace to 1% pyrite		12.8	14.3	1.5	30158	<.005	<.01			
trace pyrite in host rock up to 1% pyrite in silicified zones		14.3	15.8	1.5	30159	<.005	<.01			
~1% disseminated pyrite		15.8	17.3	1.5	30160	<.005	<.01			
trace to 1% pyrite		17.3	16.8	1.5	30161	<.005	<.01			
<1% pyrite		18.8	20.1	1.3	30162	<.005	.01			
1-2% disseminated pyrite		20.1	21.1	1.0	30163	<.005	.04			
trace pyrite		21.1	22.2	1.1	30164	<.005	.01			
trace pyrite		22.2	23.6	1.5	30165	<.005	.04			
trace pyrite		23.6	25.1	1.5	30166	<.005	<.01			
trace pyrite		25.1	26.6	1.5	30167	<.005	.04			
trace pyrite		26.6	28.1	1.5	30168	<.005	.06			
trace pyrite		28.1	29.6	1.5	30169	<.005	<.01			
		29.6	31.1	1.5	30170	<.005	.05			
trace pyrite ± chalcopyrite?		31.1	32.6	1.5	30171	<.005	.12	.03	<.01	.01

N2/E2

MADE IN VANCOUVER, CANADA

 PROJECT: Phiz HOLE NO. M88-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				22.2-34.9 Argillite (cont'd)							
				33.6-33.8 - fault zone c clay gouge							
				33.85 - quartz stringer @ 80° C/A							
				34.3 - quartz stringer = 2cm @ 85° c/A							
				34.45 - sharp contact @ 80° C/A with clay altered material - moderate silicification							
				34.9-38.1 Silicified Andesite light to pale grey, green; moderate alteration							
				34.9-35.6 - microbrecciated texture; chlorite alteration							
				35.9 - fault gouge @ 85° C/A							
				36.0 - well banded argillite, grades into less silicified sediment							
				37.45 - fracture ⊥ C/A + contact with clay altered zone (dyke?)							
				37.6 - possible contact @ 70° C/A with zone of silicified sediment							
				38.1-40.8 Argillite - dark grey in block, very fine-grained, possible hornfels							
				40.1 - epidote-rich (up to 10%)							
				40.8-66.7 Silicified Diorite - fine to medium grained, light to pale green, magnetic, semi-rounded quartz and/or feldspar phenocrysts							
				40.8 - upper contact @ 50° C/A							
				41.7-42.6 - strong silicification and microbrecciation							
				48.0 - fracture ⊥ C/A							
				48.4 - calcite vein - 1cm ⊥ C/A							
				48.5 and 48.8 - fractures 40° c/A							
				48.7 - foliation ⊥ C/A							
				50.7 - fracture @ 35° C/A							
				52.9 - calcite filled fractures ⊥ C/A							
				53.0-54.5 - slightly magnetic							
				62.1-66.7 - darker green, stronger epidote alteration [illegible]							
				62.7-66.8 Fault - strong clay gouge							
				66.8-68.5 Black argillite - jet black to greenish black, very fine-grained, non-magnetic							
				68.5-69.4 Diorite - zone of light to pale tan, quartz-feldspar flooded zone; silicified altered.							

 PROJECT: Phiz HOLE NO. M88-7

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
trace pyrite		32.6	34.1	1.5	30172	<.005	<.01			
trace pyrite		34.1	34.9	0.8	30173	<.005	<.01			
up to 5% pyrite + chalcopyrite ?		34.9	35.6	0.7	30174	<.005	.01	.01	<.01	.02
		35.6	37.4	1.8	30175	<.005	<.01			
trace pyrite		37.4	38.1	0.7	30176	<.005	<.01			
trace pyrite		38.1	39.6	1.5	30177	<.005	<.01			
		39.6	40.8	1.2	30178	<.005	<.01			
1-2% pyrite ± magnetite		40.8	41.7	0.9	30179	<.005	.02			
1-2% pyrite		41.7	42.6	0.9	30180	<.005	.04			
trace pyrite (0.7m of core)		42.6	44.0	1.4	30181	<.005	<.01			
trace pyrite (0.7m of core)		44.0	45.4	1.4	30182	<.005	.06			
trace pyrite (1.2m of core)		45.4	46.9	1.5	30183	<.005	<.01			
up to 1% locally + trace galena		46.9	48.4	1.5	30184	<.005	<.01			
2-3% pyrite		48.4	50.0	1.6	30185	<.005	<.01			
		50.0	51.5	1.5	30186	<.005	<.01			
1-2% pyrite		51.5	53.0	1.5	30187	<.005	.06			
		53.0	54.5	1.5	30188	<.005	<.01			
trace pyrite		54.5	56.0	1.5	30189	<.005	<.01			
trace pyrite		56.0	57.6	1.6	30190	<.005	<.01			
		57.6	59.1	1.5	30191	<.005	.03			
		59.1	60.6	1.5	30192	.005	<.01			
trace - 1% pyrite		60.6	62.1	1.5	30193	<.005	<.01			
1% pyrite		62.1	63.6	1.5	30194	<.005	<.01			
trace pyrite		63.6	65.1	1.5	30195	<.005	<.01			
		65.1	66.7	1.6	30196	<.005	<.01			
		66.7	66.8	0.1	30197	<.005	.03			
trace pyrite		66.8	68.3	1.5	30198	<.005	.03			
		68.3	69.6	1.5	30199	<.005	<.01			
		69.6	71.1	1.5	30200	<.005	<.01			

 MADE IN VANCOUVER, CANADA

 PROJECT: Phiz HOLE NO. M88-7

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				69.4 80.3 Black Argillite (cont'd)							
				71.3-71.4 - fault gouge							
				71.8 + 71.9 - fractures @ 50° C/A							
				74.5 calcite vein = 2cm @ 50° C/A							
				74.8 - brownish - maroon greywacke							
				77.2-77.6 - tan-coloured, very fine-grained - aplite ?							
				78.5-80.3 - bleached + silicified argillite							
				80.3-83.4 Amphibolite - dark greenish - black, fine to medium grained, non-magnetic							
				83.4-91.9 Black Argillite - locally silicified with graphite, very fine-grained foliations subparallel to 10° C/A							
				91.9-93.9 Altered Diorite - [illegible] area to calcite, green, [illegible] - carbonate ??							
				93.9-119.5 Black Argillite - black to greenish in places; graphitic locally; lower contact @ 20° C/A with silicified zone at 97.5m							
				97.5-98.7 silicified zone; totally silicified from 97.7-98.3							
				99.8-105.8 - foliations 5°-15° C/A							
				106.8-107.8 - band of silicified greywacke							
				112.1-113.6 - silicified diorite, red to green, strongly silicified							
				119.5-122.2 Silicified Diorite - medium-grey, becoming more silicious with depth, quartz-feldspar flooding, clay alteration of the feldspar							

 PROJECT: Phiz HOLE NO. M88-7

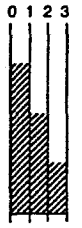
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
		71.1	72.0	0.9	30201	<.005	.02			
		72.0	73.1	1.1	30202	<.005	<.01			
trace pyrite		73.1	74.6	1.5	30203	.005	.02			
		74.6	76.1	1.5	30204	<.005	<.01			
1-2% pyrite // @ 77.4m = 2-3% pyrite		76.1	77.6	1.5	30205	<.005	.10			
trace galena + chalcopyrite, 1% sphalerite		[illegible]	[illegible]	1.5	30206	<.005	<.01			
trace pyrite		78.9	80.4	1.5	30207	<.005	<.01			
		80.4	81.9	1.5	30208	<.005	.01			
		81.9	83.4	1.5	30209	<.005	<.01			
2-3% pyrite		83.4	85.0	1.6	30210	<.005	<.01	.02	.09	.03
2-3% pyrite		85.0	86.3	1.3	30211	<.005	<.01	.01	.01	.01
2-3% pyrite		86.3	87.8	1.5	30212	<.005	.08	.01	.01	.02
2-3% pyrite		87.8	89.3	1.5	30213	<.005	<.01	.01	.01	.01
2-3% pyrite		89.3	90.8	1.5	30214	<.005	.02	.01	.01	.01
2-3% pyrite		90.8	91.9	1.1	30147	<.005	<.01			
~1% pyrite, trace chalcopyrite		91.9	92.8	0.9	30145	<.005	.02	.01	<.01	.01
~1% pyrite, trace chalcopyrite		92.8	93.6	0.8	30146	<.005	.02	.01	<.01	.01
		93.6	94.6	1.0	30148	<.005	<.01			
trace pyrite		94.6	95.8	1.2	30149	<.005	<.01			
		95.8	96.8	1.0	30150	<.005	<.01			
		96.8	98.3	1.5	30215	<.005	<.01			
trace pyrite		98.3	99.8	1.5	30216	<.005	.08			
		99.8	101.3	1.5	30218	<.005	<.01			
1-2% pyrite		101.3	102.8	1.5	30217	<.005	.03			
pyrite accumulated along foliations		102.8	104.3	1.5	30219	<.005	<.01			
" " " "		104.3	105.8	1.5	30220	<.005	.02			
2-5% pyrite		105.8	107.3	1.5	30221	<.005	.05			
1% pyrite		107.3	108.8	1.5	30222	<.005	.06			
		108.8	110.3	1.5	30223	<.005	<.01			
<1% pyrite		110.3	111.8	1.5	30224	<.005	.15			
		111.8	113.3	1.5	30225	<.005	.06			
1-3% pyrite		113.3	114.8	1.5	30226	<.005	.05			
<1% pyrite		114.8	116.3	1.5	30227	<.005	.05			
trace pyrite		116.3	117.8	1.5	30228	<.005	.05			
		117.8	119.3	1.5	30229	<.005	.13			
trace pyrite		119.3	120.8	1.5	30230	<.005	.07			
@121.9 trace chalcopyrite, 2-3% pyrite		120.8	122.2	1.4	30231	<.005	.09			

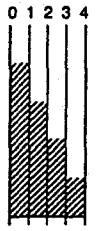
MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 149.5m
HOLE NO.: M88-8	BEARING: 110°
LOCATION	DIP: -45°
	TOTAL LENGTH: 11.9m
LOGGED BY: L. Scoggins	HORIZONTAL PROJECT
DATE: November 30, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd.	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED: November 29, 1988	TOTAL SULPHIDE SCALE
DATE COMPLETED: November 29, 1988	
DIP TESTS	
COMMENTS	LEGEND





PAGE 1 OF 2 | PROJECT: Phiz | HOLE NO. M28-8

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				0.0-1.2m	Casing							
				1.2-4.6	Quartz Amphibolite - silicified, light to dark green, quartz stringers @ 15° C/A ?							
					4.1 - fracture @ 25° C/A							
5.0				4.6-5.8	Mineralized Quartz Vein - white crystalline quartz [illegible]							
				5.8-11.9	Silicified / Altered Biotite -							
10.0					6.3-6.5 - massive sulphides @ 20cm							
					6.65 - shear 60° C/A							
					7.3 - fault @ 35° C/A							
					7.5 fault @ 50° C/A							
					7.6-8.0 brecciated							
15.0					10.1 - strongly foliated biotite							

PAGE 2 OF 2 | PROJECT: Phiz | HOLE NO. M28-8

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
only 0.2m of core, broken		0.0	1.2	1.2	30078	<.005	<.01			
.78 m of core		1.2	2.9	1.7	30079	<.005	<.01			
.72 m of core		2.9	4.6	1.7	30080	<.005	.08			
1-2% chalcopyrite, 1-2% pyrite, trace galena		4.6	5.2	0.6	30081	.022	.26	.01	.01	.01
1-2% chalcopyrite, 1-2% pyrite trace galena		5.2	5.8	0.6	30082	.013	.15	.01	<.01	.01
2-3% chalcopyrite, trace pyrite + galena		5.8	6.5	0.7	30083	.205	.57	.57	1.95	2.12
1-2% pyrite		6.5	7.3	0.8	30084	.023	.28			
1-2% pyrite		7.3	8.8	1.5	30085	<.005	<.01			
trace pyrite (only 0.9 m of core)		8.8	10.1	1.3	30086	<.005	<.01			
trace pyrite		10.1	11.0	0.9	30087	<.005	.04			
trace pyrite.		11.0	11.9	0.9	30088	<.005	<.01			

N2/E2

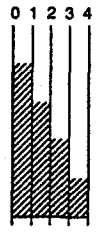
MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 142.8 m
HOLE NO.: M88-9	BEARING: 110°
LOCATION	DIP: -45°
	TOTAL LENGTH: 61.0 m
LOGGED BY: Liz Scroggins	HORIZONTAL PROJECT
DATE: Dec. 1, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd.	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED: Nov. 30, 1988	
DATE COMPLETED: Dec 1, 1988	TOTAL SULPHIDE SCALE
DIP TESTS	
COMMENTS	LEGEND

absent
slight
moderate
intense



traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 4 | PROJECT: Phy | HOLE NO. 88-9

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				0.0-5.2 Casing							
				5.2-11.7 Amphibolite - medium-grained; dark green,							
				with bands of amphibole ⊥ C/A; quartz							
				stringers 10-15° C/A.							
-5.0				9.1 quartz stringers 2cm @ 70° C/A; contain							
	33			bands of dark dark - [illegible] ?							
				11.7-12.3 Silicified Diorite - up to 90% silicified							
-10.0				11.7 contact shear @ 20° C/A							
				12.0 pyrite stringer = 1cm @ [illegible] C/A							
				12.2 pyrite stringer = 2cm @ 40° C/A							
				12.3-16.3 Greywacke - grades into [illegible]							
				material, medium-grained, green							
-15.0				13.8 - quartz stringers 3cm @ [illegible] C/A;							
				14.0 - qtz = 1cm @ [illegible] C/A							
				14.5 - graphitic shear @ 25° C/A							
				15.2 - bleached [illegible] @ [illegible] 15° C/A							
				15.2 [illegible]							
-20.0				16.3-29.4 Silicified Diorite - green - grey;							
				80% silicified [illegible]							
				[illegible] material							
				18.2 - slickenslide @ 20° C/A							
				19.65 - possible [illegible] ? 90° C/A							
-25.0				21.60 - [illegible] 70° C/A							
				26.6 - qtz/calcite stringer 60° C/A							
				26.8-27.0 90% quartz + sulphides							
				27.6 - quartz stringer = 1cm 90° C/A & sulphides							
				28.9 - fracture; slickenslide 37° C/A; quartz -							
-30.0				stringers with sulphides 50° C/A.							
				29.4-30.8 Andesite - strongly fractured, green - grey;							
				massive fine-grained; [illegible]							
				30.2 slickenslide @ 55° C/A							
				30.8-33.3 Silicified Andesite - pale green, medium-							
-35.0				grained silicified; quartz stringers and							
				fractures 10° C/A							
				33.3-40.8 Silicified Diorite - grades into							
				[illegible] silicified - pale grey; rotted texture							
				34.6 - Fault gouge @ 50° C/A							
-40.0				36.1 - fracture 70° C/A; [illegible] - sulphide band ⊥ C/A							
				[illegible]							
				38.5 - shear zone; [illegible] 65° C/A							
				39.4 - slickenslide 45° C/A							
				40.2 - shear zone [illegible] 5° C/A;							
-45.0				40.7 - qtz stringer = 1cm @ 55° C/A							

PAGE 2 OF 4 | PROJECT: Phy | HOLE NO. 88-9

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st			
quartz fragments with trace pyrite		5.2	6.4	1.2	30251	<.005	<.01			
*only 0.4m of core										
trace pyrite		6.4	7.9	1.5	30252	<.005	.03			
		7.9	9.4	1.5	30253	<.005	<.01			
		9.4	10.5	1.1	30254	<.005	.06			
		10.5	11.7	1.2	30255	<.005	<.01			
3-5% pyrite + fine-grained galena		11.7	12.3	0.6	30256	.049	.82	.12	.31	.02
as blebs/patches throughout										
		12.3	13.8	1.5	30257	<.005	<.01			
qtz. stringers + <1% pyrite + trace galena		13.8	15.3	1.5	30258	<.005	<.01	.03	.01	.02
		15.3	16.3	1.0	30259	<.005	<.01	.02	.01	.02
		16.3	17.1	0.8	30260	<.005	<.01	.01	<.01	.01
		17.1	18.0	0.9	30261	<.005	<.01	.01	<.01	.01
		18.0	19.5	1.5	30262	<.005	<.01	.01	.01	.01
trace pyrite		19.5	21.0	1.5	30263	<.005	<.01	.01	.01	.01
		21.0	22.5	1.5	30264	<.005	<.01	.03	<.01	.02
1% pyrite + trace galena		22.5	24.0	1.5	30265	.015	.13	.02	.04	.02
1% pyrite // @ 24.4 1% galena		24.0	25.5	1.5	30266	.011	<.01	.02	.09	.02
1% pyrite; 26.8-26.9 1% galena + chalcopyrite		25.5	27.0	1.5	30267	.022	.01	.05	.04	.07
1% pyrite		27.0	28.5	1.5	30268	.031	.15	.07	.04	.12
1% pyrite stringers and pebbles of galena + chalcopyrite up to 1%		28.5	29.4	0.9	30269	.016	.12	.09	.06	.03
trace pyrite		29.4	30.8	1.4	30270	<.005	.07	.01	.01	.01
		30.8	32.3	1.5	30271	<.005	.01	.01	.01	.01
		32.3	33.3	1.0	30272	<.005	.06	.01	.01	.01
trace pyrite		33.3	34.8	1.5	30273	<.005	.05	<.01	.01	.01
1% disseminated pyrite + trace galena		34.8	36.3	1.5	30274	<.005	.01	<.01	.01	.01
1-2% pyrite; trace chalcopyrite ?		36.3	37.8	1.5	30275	<.005	.10	<.01	.01	.01
trace pyrite		37.8	39.3	1.5	30276	.005	.05	<.01	<.01	.01
trace pyrite		39.3	40.8	1.5	30277	<.005	.04	<.01	.01	.01

N2/E2 MADE IN VANCOUVER, CANADA

PAGE 3 OF 4 | PROJECT: Phiz | HOLE NO. P88-9

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				40.8-43.3 Silicified Diorite - fractured with mottled texture [illegible] to pale white/[illegible]							
				41.5-41.9 - [illegible] zone (up to 90% silicified)							
				43.3-44.0 Andesite ? - pale to [illegible] green, strongly fractured							
				43.4 - fracture 30° C/A							
				44.0-47.7 Silicified Greywacke/Argillite - pale white with zones of fractured grey argillite, moderate to strong silicification							
				44.1 - quartz stringer 0° C/A with a cross-cutting stringer 60° C/A							
				45.3 - fracture 30° C/A							
				46.5-47.7 - strongly silicified; shear/contact @ 46.5 30° C/A							
				47.0 - fracturing and clay gouge							
				47.1 - [illegible]							
				47.7-50.2 Silicified Argillite - dark grey to black with bands of [illegible] (chalcedonic) material; bedding 80-85° C/A							
				48.5 - graphitic shear 70° C/A							
				48.6-49.0 - totally recrystallized, white with sugary texture							
				50.1 - shear surface @ 70° C/A							
				50.2-52.1 Black Argillite - dark black, very fine-grained, few quartz stringers.							
				50.3 - graphitic shear zone, broken core							
				51.5 - quartz band 80° C/A							
				52.1-61.0 Silicified Argillite - pale green to grey strongly foliated, relict bedding 70° to 90° C/A							
				53.6-55.2 - up to 20% silica;							
				54.3-55.2 up to 30% epidote alteration, after silicification and deformation.							
				55.2-55.6 band of black argillite							
				56.1 shear 20° C/A ≥ epidote coating							
				56.1-56.7 up to 80% silica; relict bedding at 70° C/A							
				57.9-58.0 band of black argillite							
				58.2-58.5 band of black argillite							
				59.4 quartz stringer = 3cm @ 60° C/A							
				60.7-60.9 band of black argillite							

PAGE 4 OF 4 | PROJECT: Phiz | HOLE NO. P88-9

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
trace pyrite		40.8	42.3	1.5	30278	<.005	<.01	.01	.01	.01
trace pyrite		42.3	43.3	1.0	30279	<.005	.05	.01	.01	.01
trace pyrite		43.3	44.0	0.7	30280	<.005	.05	.01	.02	.02
up to 1% pyrite		44.0	45.4	1.4	30281	<.005	.11	.01	.01	.01
		45.4	46.5	1.1	30282	<.005	.03	.01	.01	.01
2-3% pyrite - disseminated and in stringers		46.5	47.7	1.2	30283	.019	<.01	.01	.01	.01
2-3% coarse pyrite		47.7	48.6	0.9	30284	<.005	<.01	.01	.01	.02
trace fine-grained pyrite		48.6	49.0	0.4	30285	<.005	<.01	<.01	<.01	<.01
		49.0	50.2	1.2	30286	<.005	.07	.01	.01	.01
2-3% coarse pyrite		50.2	51.0	0.8	30287	<.005	.06	.01	.01	.01
2-3% coarse pyrite		51.0	52.1	1.1	30288	<.005	.04	.01	<.01	.01
1-2% disseminated pyrite		52.1	53.6	1.5	30289	<.005	<.01			
1% pyrite		53.6	55.2	1.6	30290	<.005	.02			
1% disseminated pyrite		55.2	56.7	1.5	30291	<.005	.01			
1-2% pyrite		56.7	58.1	1.4	30292	<.005	<.01			
1-2% pyrite		58.1	59.6	1.5	30293	<.005	.04			
1% pyrite		59.6	61.0	1.4	30294	<.005	.06			

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 139.2m
HOLE NO.: M88-10	BEARING: —
LOCATION	DIP: -90°
	TOTAL LENGTH: 60.4m
LOGGED BY: Liz Scroggins	HORIZONTAL PROJECT
DATE: Dec. 2, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd.	**ALTERATION SCALE**
CORE SIZE: BQ	0 1 2 3 — absent, slight, moderate, intense
DATE STARTED: Dec. 1, 1988	**TOTAL SULPHIDE SCALE**
DATE COMPLETED: Dec. 2, 1988	0 1 2 3 4 — traces only, < 1%, 1% – 3%, 3% – 10%, > 10%
DIP TESTS	
COMMENTS	LEGEND

PAGE 1 OF 6 | PROJECT: Phiz | HOLE NO. M22-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				0.0-3.7 Casing							
				3.7-15.5 Diorite (Altered) — medium to coarse grained, subhedral quartz + feldspar phenocrysts, pale to light green-grey, moderately silicification, moderate epidote, strongly magnetic							
5.0				10.1-10.3 - strongly foliated @ 45°C/A, [illegible]							
				14.1 - fracture and/or contact @ 25°C/A with bleached (clay altered?) diorite							
10.0				14.1-15.5 - bleached + silicified diorite @ 15.0m - fracture @ 15°C/A @ 15.5 - contact? @ 30°C/A with darker green, magnetic intrusive, hornfels?							
15.0				15.5-20.0 Andesite? light to dark green, fine-grained, moderately magnetic - possibly a finer grained phase of above intrusive, micro-brecciated, hornfelsed							
20.0				16.5 - fault with minor clay gouge @ 30°C/A							
				16.6 - large pale [illegible] (silicified diorite)							
				17.2 - fault/shear 20°C/A							
				17.6 - band of coarser-grained [illegible] contact @ 60°C/A							
25.0				18.35 - [illegible] @ 45°C/A							
				18.5-21.0 grades into lighter green, moderately silicified, moderately brecciated							
				20.0-32.4 Silicified Diorite - pale grey-green, strongly silicified subhedral quartz + feldspar phenocrysts, tan stringers and blebs of clay at end material, some foliated zones, moderately magnetic							
30.0				20.6 - possible fragments of foliated argillaceous material? within the intrusive brecciated texture							
35.0				22.8 - fracture @ 40°C/A with calcite stringer along fracture							
				26.2-26.8 - totally silicified zone; @ 26.3 - [illegible] @ 30°C/A							
40.0				26.8-27.6 - strong well-defined [illegible] @ 30-50°C/A; dark grey material present mottled texture							
				29.5 - chloritic shear 0° C/A, + quartz stringer							
45.0											

PAGE 2 OF 6 | PROJECT: Phiz | HOLE NO. M22-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
only 1.2m of core		3.7	5.2	1.5	30295	<.005	<.01			
~1% pyrite		5.2	6.7	1.5	30296	<.005	<.01			
~1% pyrite		6.7	8.2	1.5	30297	<.005	<.01			
		8.2	9.7	1.5	30298	<.005	<.01			
<1% pyrite		9.7	11.2	1.5	30299	<.005	<.01			
<1% pyrite		11.2	12.7	1.5	30300	<.005	<.01			
<1% pyrite		12.7	14.1	1.4	30301	<.005	<.01			
		14.1	15.5	1.4	30302	<.005	<.01			
1-2% disseminated pyrite		15.5	17.0	1.5	30303	<.005	.03			
1% pyrite		17.0	18.5	1.5	30304	<.005	.01			
<1% pyrite		18.5	20.0	1.5	30305	<.005	<.01			
1% pyrite disseminated throughout few pyrite stringers + trace chalcopyrite		20.0	21.5	1.5	30306	.006	.06			
trace pyrite		21.5	22.8	1.3	30307	<.005	<.01			
		22.8	24.1	1.3	30308	.005	.05			
trace chalcopyrite, 1% pyrite		24.1	24.8	0.7	30089	.011	.04	.04	.01	.01
trace chalcopyrite + galena, 1% pyrite		24.8	25.2	0.4	30090	.032	.48	.24	.04	.03
		25.2	26.2	1.0	30309	<.005	<.01			
trace pyrite		26.2	26.8	0.6	30310	.005	<.01			
trace to 1% pyrite - disseminated		26.8	28.3	1.5	30311	<.005	<.01			
		28.3	29.8	1.5	30312	<.005	<.01			

N2/E2

MADE IN VANCOUVER, CANADA

PAGE 3 OF 6 | PROJECT: Phiz | HOLE NO. M88-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
				20.0-32.4 Silicified Diorite (cont'd) 29.9 - shear @ 50° C/A							
				32.4-33.2 Hornfels - fine-grained, light to pale green, slightly magnetic, relict bedding of argillaceous material 20° C/A, strongly chloritic, mottled texture in places, moderately brecciated							
				33.2-33.7 Silicified Diorite - strongly silicified and altered, light to pale grey-green. 33.5 - shear @ 40° C/A							
				33.7-34.9 Hornfels - gradational contact with silicified zone above, light to pale green, fractures @ 40° C/A, [illegible] magnetic, increase in silicification at end of sample							
				34.9-36.3 [illegible] Argillite - [illegible] in [illegible], silicified locally 35.5 - graphite shear @ 40° C/A 35.8 - strongly silicified zone, pale grey, slightly magnetic							
				36.3-38.0 Strongly Silicified Zone - pale white - pale grey chalcedonic banding, relict bedding @ 30° C/A (silicified argillite?) 36.8 - bands of jasper, foliations @ 40° C/A, 37.8 - shear @ 40° C/A.							
				38.0-38.95 Altered Andesite - pale green to [illegible], upper contact 90° C/A, moderate fracturing, feldspar laths <<1mm, aligned @ 80° C/A; lower contact @ 55° C/A.							
				38.95-41.1 Argillite - dark grey to pale green where altered; moderately magnetic, silicified zones. 39.1-39.2 - strongly brecciated 39.5-39.7 - totally silicified 40.5 - shear @ 40° C/A 40.8-41.1 - well-defined foliated bedding @ 30° C/A.							
				41.1-50.7 Silicified Argillite - light to pale green - an up to 80-90% silica; jasper @ 41.3m and 41.7m (blotchy); relict bedding - strongly contorted.							

PAGE 4 OF 6 | PROJECT: Phiz | HOLE NO. M88-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
1% disseminated pyrite		29.8	31.3	1.5	30313	<.005	<.01			
trace pyrite		31.3	32.4	1.1	30314	<.005	<.01			
trace pyrite		32.4	33.2	0.8	30315	<.005	<.01			
2-3% pyrite disseminated throughout		33.2	33.7	0.5	30316	.005	.07			
1-2% pyrite locally overall ~1% py		33.7	34.9	1.2	30317	<.005	<.01			
1-2% disseminated, @ 35.8 trace galena + chalcopyrite + 1% pyrite		34.9	36.3	1.4	30318	<.005	<.01			
1-2% (up to 3% locally) pyrite trace galena?		36.3	37.1	0.8	30319	<.005	<.01	.02	.01	.02
2-3% pyrite + trace [illegible] pyrite		37.1	38.0	0.9	30320	<.005	.02	.01	.01	.01
trace pyrite in fracture		38.0	38.95	0.95	30321	<.005	<.01			
1% disseminated and fracture falling pyrite		38.95	39.9	0.95	30322	<.005	.01			
1% pyrite		39.9	41.1	1.2	30323	<.005	.03			
1% disseminated pyrite		41.1	42.6	1.5	30324	<.005	<.01			

N2/E2

MADE IN VANCOUVER, CANADA

PAGE 5 OF 6 | PROJECT: Prig | HOLE NO. M 22-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				41.1-50.7 Silicified Argillite (cont'd)							
				43.8-44.4 - totally silicified zone							
				45.0 - felsic porphyritic dykelet @ 25°C/A; slightly magnetic feldspar phenocrysts 1-2mm							
				- sharp contact with silicified argillite; relict bedding 25°C/A							
				46.9 - jasper within silicified argillite							
				48.1 - jasper within silicified argillite							
				49.2 - grades into clay altered zone; pale tan, moderate silicification							
				50.6 - light grey argillite zone; moderate brecciated; shear @ 20° C/A							
				50.7-57.3 Altered Sediment? - light to green to grey, fine-grained, non-magnetic microbrecciated, zones of altered diorite?; grades into dark grey argillite (possibly hornfelsed ??)							
				@ 52.7 - gradational contact with dark grey argillite							
				@ 52.9 - fracture @ 50° C/A							
				@ 55.0 - fracture @ 35° C/A							
				@ 56.3 - band of silicified diorite @ 35° C/A							
				57.3-60.4 Andesitic Dyke? - dark green, fine-grained; strongly magnetic; moderately fractured; moderately brecciated - with minor large fragments of argillaceous material; epidote alteration throughout							
				@ 59.9 - fracture @ 60°C/A							

PAGE 6 OF 6 | PROJECT: Prig | HOLE NO. M 28-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
trace to 1% pyrite		42.6	44.1	1.5	30325	<.005	<.01			
		44.1	45.6	1.5	30326	<.005	<.01			
*45.6-45.8 (possible core loss); trace pyrite;		45.6	47.1	1.5	30327	<.005	<.01			
@ 46.4 - stringers of galena @ 32° C/A										
trace pyrite - disseminated		47.1	48.6	1.5	30328	<.005	<.01	.02	.01	.01
		48.6	49.2	0.6	30329	<.005	<.01			
		49.2	50.7	1.5	30330	<.005	<.01			
trace pyrite		50.7	52.2	1.5	30331	<.005	<.01			
trace pyrite		52.2	53.7	1.5	30332	<.005	.01			
trace pyrite		53.7	55.2	1.5	30333	<.005	<.01			
		55.2	56.7	1.5	30334	<.005	<.01			
		56.7	57.3	0.6	30335	<.005	<.01			
		57.3	58.8	1.5	30336	<.005	<.01			
up to 1% disseminated pyrite		58.8	60.4	1.6	30337	<.005	<.01			

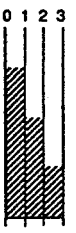
MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 143.1m
HOLE NO.: M88-11	BEARING: —
LOCATION	DIP: -90°
	TOTAL LENGTH: 73.3m
LOGGED BY: Liz Scroggins	HORIZONTAL PROJECT
DATE: Dec. 11, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED: Dec. 2, 1988	TOTAL SULPHIDE SCALE
DATE COMPLETED: Dec. 3, 1988	
DIP TESTS	
COMMENTS	LEGEND

ALTERATION SCALE



absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 6 | PROJECT: Fin | HOLE NO. M88-11

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
	Casing			0.0 - 3.7 [illegible]							
				3.7 - 8.7 Mixed [illegible]							
5.0				16.1 - quartz stringer = 1cm @ 45° C/A; [illegible]							
	100			7.3-8.7 - Massive, very fine-grained; quartz stringers @ 45° C/A							
10.0	100			8.7 - 9.9 [illegible] - light to pale green; remnant phenocrysts (silicified); zones of altered diorite scattered throughout							
	100			9.9 - 16.4 Altered Diorite - fine-grained; ranging to light green argillaceous textures; zones to patches [illegible] disseminated; 11.9 - [illegible] / carbonation; 12.1 - [illegible] & pink salmon [illegible] (quartz); 13.8 - zone - carbonate stringer = 2cm @ 75° C/A & minor pyrite; 13.8-16.4 - [illegible] alteration + [illegible]; 15.9 - quartz stringer - 5mm @ 5° C/A (for 10 cm)							
15.0	100										
20.0	100										
25.0	100			16.4-26.5 Argillite - black with tan/clay [illegible]; silicified zones contain ~1% sulphides; 18.3 - [illegible] @ 35° C/A; 19.2 - [illegible] zone; 19.6-20.4 - light grey-tan/pink altered sediment radiate silicification; 20.4 - quartz stringer = 1cm @ 75° C/A in contact with grey-black sediment (argillite/[illegible]); 21.6-21.9 - [illegible]							
30.0	100										
35.0											
40.0				25.3-25.5 - Strong altered tan [illegible] [illegible]							

PAGE 2 OF 6 | PROJECT: Fin | HOLE NO. M88-11

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st		
[illegible] - trace pyrite		3.7	4.7	1.0	147451	<.005	<.01		
[illegible] - trace pyrite		4.7	5.8	1.1	147452	<.005	.07		
trace pyrite [illegible]		5.8	7.3	1.5	147453	<.005	<.01		
trace pyrite [illegible]		7.3	8.7	1.4	147454	<.005	.01		
		8.7	9.9	1.2	147455	<.005	<.01		
trace pyrite		9.9	11.4	1.5	147456	<.005	.01		
trace pyrite		11.4	12.9	1.5	147457	<.005	<.01		
up to 1% pyrite		12.9	14.4	1.5	147458	<.005	<.01		
up to 1% pyrite		14.4	15.9	1.5	147459	<.005	<.01		
1% disseminated pyrite		15.9	17.4	1.5	147460	<.005	<.01		
up to 1% pyrite		[illegible]	[illegible]	1.5	[illegible]	<.005	.03		
up to 1% pyrite		[illegible]	[illegible]	1.5	[illegible]	<.005	<.01		
trace pyrite		19.4	20.9	1.5	147463	.005	.08		
trace pyrite		[illegible]	[illegible]	1.5	147464	.005	.09		
trace pyrite		22.4	23.9	1.5	147465	<.005	<.01		
trace pyrite		23.9	25.3	1.4	147466	<.005	.02		
1-2% disseminated pyrite		25.3	26.5	1.2	147467	<.005	<.01		

N2/E2 MADE IN VANCOUVER, CANADA

 PROJECT: Phiz HOLE NO. 1782-11

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				26.5-27.7 Black-S[illegible] [illegible] - [illegible] contact with [illegible] dark green to black with quartz [illegible] @ 45° C/A; [illegible] [illegible] [illegible]							
				27.4-32.3 Strongly Silicified Diorite - [illegible] tourmaline; 20-30% altered; [illegible] carbon [illegible] distinct [illegible] [illegible]							
				30.8-31.3 - 100% silica - QV [illegible] [illegible] [illegible] [illegible] [illegible] crystalline [illegible] rimsel? (rarejade)							
				31.4 - shear @ 40° C/A							
			X	31.55-31.8 - black graphitic argillite [illegible]							
				[illegible] - 32.3 - [illegible]							
				32.3-33.5 [illegible] - white and black [illegible] @ [illegible] C/A ~ 20°							
				32.9-33.5 - Pyrite to strong silicification and [illegible] (3-5%) last 20 cm [illegible]							
				33.5-34.6 Black Graphitic Argillite - upper contact @ 70° C/A [illegible] black [illegible] bedding							
				34.6-35.8 Strongly Silicified Diorite - light to [illegible] [illegible] (32.3); weak foliation @ 30° C/A; 20-30% silica							
				35.8-39.3 banded argillite - pale to dark green [illegible] banding [illegible] 30° C/A							
				39.3-41.0 Strongly Silicified Diorite - light to pale green [illegible] tourmaline patches (alteration) weak biotite [illegible] carbon [illegible] contact [illegible] ~ 35° C/A							
				41.0- Banded Argillite - dark green - grey, [illegible] [illegible] 39.3 [illegible] [illegible] ~ 30° C/A; 45.6-[illegible] - [illegible] zone; [illegible] to pale green [illegible] foliation 10-20° C/A; quartz [illegible] @ 46.5m @ 40° C/A							

 PROJECT: Phiz HOLE NO. 1782-11

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
1% pyrite		26.5	27.4	0.9	147482					
1% pyrite		27.4	28.9	1.5	147439	<.005	.06			
1% pyrite		28.9	30.4	1.5	[illegible]	<.005	.03			
1-2% pyrite		30.4	31.3	0.9	[illegible]	<.005	.02			
2-3% pyrite @ 2.5% [illegible]		31.3	32.3	1.0	[illegible]	<.005	.06			
1% pyrite // 32.9-33.5 up to 5% pyrite + <1% galena		32.3	33.5	1.2	147473	<.005	.06	.01	.04	.01
1-2% disseminated pyrite + [illegible]		33.5	34.6	1.1	147474	<.005	.10			
1-2% pyrite		34.6	35.8	1.2	147475	<.005	.03			
trace to 1% pyrite		35.8	37.1	1.3	147476	<.005	.05			
trace [illegible] pyrite		37.1	38.1	1.0	147477	<.005	.01			
trace [illegible] pyrite		38.1	39.3	1.2	[illegible]	<.005	.02			
2-3% pyrite		39.3	40.2	0.9	[illegible]	<.005	<.01			
		40.2	41.0	0.8	147480	<.005	<.01			
trace pyrite		41.0	42.4	1.4	147481	<.005	.01			
trace pyrite		42.4	43.7	1.3	147482	<.005	.01			
trace pyrite		43.7	44.7	1.0	147483	<.005	.01			
trace pyrite		[illegible]	[illegible]	0.9	147484	<.005	.02			
1% pyrite		45.6	47.0	1.4	147485	<.005	.05			

PAGE 5 OF 6 | PROJECT: Phy | HOLE NO. M8-1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				47.0-57.9 Banded [illegible] - light to dark green zones of dark black, weakly foliated [illegible]; zones of light green - [illegible] foliations @ 30°C/A							
				47.2 - weakly brecciated + silicified							
				49.8-52.0 increase in silicification; [illegible] to [illegible]							
				54.3 - grades into dark grey - black, very fine - grained [illegible]							
				56.0-56.3 - silicified light green zone							
				57.9-59.0 Silicified Argillite - light to pale green grey; strongly foliated - [illegible] texture							
				58.6 - quartz stringer = 3cm @ 60°C/A; [illegible]							
				59.0-60.7 Black Argillite - [illegible] - [illegible] contact @ 70°C/A with silicified above.							
				60.0-60.7 - grades into brecciated zone; [illegible] to pale tan; silicified [illegible]							
				60.7-73.2 Andesite - sharp contact @ 60° to C/A; fine-grained [illegible] green andesite; [illegible] of late, several quartz stringers throughout.							
				66.5-66.8 - brecciated zone							
				66.8-73.2 - bleached + silicified zone; pale green - pale tan; bright green [illegible] stringers chloritized [illegible] speckled throughout							

PAGE 6 OF 6 | PROJECT: Phy | HOLE NO. M8-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/t	Ag oz/t
up to 1% pyrite		47.0	48.5	1.5	147486	<.005	.04
up to 1% pyrite		48.5	50.0	1.5	147487	<.005	.03
1-2% pyrite		50.0	51.5	1.5	147488	.005	.02
up to 1% pyrite		51.5	53.0	1.5	147489	<.005	.04
up to 1% pyrite		53.0	54.3	1.3	147490	<.005	.02
		54.3	55.8	1.5	147491	<.005	.04
1% pyrite (1-2% in siliceous zones)		55.8	56.9	1.1	147492	<.005	<.01
		56.9	57.9	1.0	147493	<.005	<.01
1-2% pyrite		57.9	59.0	1.1	147494	<.005	.05
2-3% pyrite disseminated throughout		59.0	60.0	1.0	[illegible]	.005	<.01
1-2% pyrite		60.0	60.7	0.7	[illegible]	<.005	<.01
trace pyrite		61.7	62.2	1.5	147497	<.005	<.01
trace pyrite		62.2	63.7	1.5	147498	<.005	<.01
trace pyrite		63.7	65.2	1.5	[illegible]	<.005	<.01
trace pyrite		65.2	66.8	1.6	147500	<.005	<.01
trace pyrite		66.8	68.2	[illegible]	[illegible]	<.005	.02
trace pyrite		68.2	69.8	1.6	[illegible]	<.005	.04
trace pyrite		69.8	71.3	1.5	[illegible]	<.005	.02
trace pyrite		71.3	72.3	1.0	[illegible]	<.005	.04
trace pyrite		72.3	73.2	0.9	[illegible]	<.005	.02

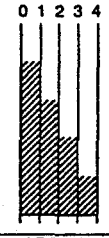
N2/E2

MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phiz	GROUND ELEV.: 158.0 m
HOLE NO.: M88-12	BEARING: —
LOCATION	DIP: -90°
	TOTAL LENGTH: 55.1 m
LOGGED BY: Liz Scroggins	HORIZONTAL PROJECT
DATE: Dec. 5, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Drilling Ltd.	**ALTERATION SCALE**
CORE SIZE: BQ	
DATE STARTED: December 3, 1988	**TOTAL SULPHIDE SCALE**
DATE COMPLETED: December 4, 1988	
DIP TESTS	
COMMENTS	LEGEND



PAGE 1 OF 6 | PROJECT: Phiz | HOLE NO. M88-12

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ
	14			0.0-2.1 Casing							
				2.1-5.5 Quartz Amphibolite - [illegible] fine-grained moderately magnetic, light to dark grey							
	74			5.5-8.5 Altered Intrusive - Diorite? - red in gravel, quartz + feldspar subrounded phenocrysts (pinkish colour) [illegible]							
5.0	100										
				8.5-19.7 Porphyritic Amphibolite - dark green; fine-grained [illegible] phenocrysts 1-3mm; epidote [illegible] fractures and stringers; strongly magnetic, zones of intrusive material							
10.0	100			9.5 - epidote stringers @ 50° C/A							
				- [illegible] @ 20° C/A							
15.0				10.2 - [illegible] @ 60° C/A							
				10.4 - upper contact @ 70° C/A with [illegible] diorite							
				10.6 - [illegible] @ [illegible] C/A							
20.0				11.2 - [illegible] stringer 7mm wide @ 20° C/A							
				11.5-11.8 - mixed zone - silicified diorite + minor [illegible]							
				[illegible]							
25.0				[illegible] @ 50° C/A							
				12.0-12.7 - zone of silicified diorite							
				12.05 - shear @ 30° C/A							
				12.5 - shear @ 45° C/A							
				12.8 - fault gouge							
30.0				13.7 - quartz stringer = 1cm @ 60° C/A							
				13.8 - fault gouge							
				15.0-15.2 - silicified zone; sheared @ 45° C/A							
				16.4 - quartz stringer = 2mm @ 65° C/A							
35.0				18.9 - silicified diorite fragment							
				19.0-19.7 - phenocrysts more rounded, looks diorite?; quartz stringer at 70° C/A							
				19.7-20.5 Silicified Diorite - upper contact sharp @ 50° C/A - light to medium grey							
40.0				20.2 - [illegible] stringer							
				20.5-21.5 Hornfelsic Zone? - grey-green, fine-grained massive, magnetic							
45.0											

PAGE 2 OF 6 | PROJECT: Phiz | HOLE NO. M88-12

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st
casing - 14% core recovery		0.0	2.1	2.1	30401	<.005	.02
1-2% disseminated pyrite - poor core recov.		2.1	3.8	1.7	30402	<.005	.01
1-2% " " - poor core recov.		3.8	5.5	1.7	30403	<.005	<.01
1% pyrite		5.5	7.0	1.5	30404	.005	.09
1% pyrite		7.0	8.5	1.5	30405	<.005	.01
trace pyrite		8.5	10.0	1.5	30406	<.005	.01
trace pyrite		10.0	11.5	1.5	30407	<.005	<.01
trace pyrite		11.5	13.0	1.5	30408	<.005	.03
trace pyrite		13.0	14.5	1.5	30409	<.005	.02
trace to 1% pyrite (locally)		14.5	16.0	1.5	30410	<.005	<.01
trace pyrite		16.0	17.5	1.5	30411	<.005	.07
trace pyrite		17.5	19.0	1.5	30412	<.005	.02
		19.0	19.7	0.7	30413	<.005	.02
pyrite disseminated and in [illegible] = 1-2%		19.7	20.5	0.8	30414	<.005	.03
trace pyrite		20.5	21.5	1.0	30415	<.005	.03

N2/E2

MADE IN VANCOUVER, CANADA

PAGE 3 OF 6 | PROJECT: Phiz | HOLE NO. [illegible]12

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				21.5-23.7 Fault zone – covered (no fault zone), core badly broken + broken pieces of [illegible]							
				23.7-26.8 Fault zone – [illegible] + [illegible]							
50.0				23.7-[illegible] [illegible]							
				24.1-24.3 [illegible]							
				[illegible]							
55.0	EOH			[illegible]							
				25.3-25.5 dark green strongly [illegible]							
				[illegible]							
				25.8-[illegible] [illegible] 70°C/A							
				26.8-[illegible] Silicified limiste – disseminated pyrite [illegible] strongly [illegible] – [illegible] 20° [illegible] – sharp @ 50°C/A.							
				[illegible]-35.6 intermediate hornblende dyke [illegible] feldspar phenocrysts [illegible] to strongly sheared @ 70° C/A. 30.0 zone + pink veinlets 70° C/A. 32.1 sharp contact with silicified limiste @ 45°C/A. 32.85-33.0 - feldspar porphyry dyke @ sharp contacts @ 50° C/A; pink [illegible] feldspar [illegible] 35.6 contact with silicified zone 65°C/A							
				35.6-37.3 Silicified limiste – disseminated contact with andesite; [illegible] green, moderate to strongly magnetic. 36.6 – shear @ 55° C/A. 37.0 – quartz stringer + 2 mm 50°C/A. 36.8-37.2 – [illegible] silicified limiste with zones of andesite							
				37.3-42.1 Porphyritic hornblende dark green [illegible] zone 12 [illegible] 5.6" 38.8-40.3 - mixed zone of silicified limiste + andesite. 37.9, 40.0 - strong shear @ 40° C/A							

PAGE 4 OF 6 | PROJECT: Phiz | HOLE NO. [illegible]12

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st
trace		[illegible]	[illegible]	[illegible]	30416	<.005	.03
overall trace pyrite [illegible] pyrite + [illegible] = [illegible]		23.7	25.3	1.6	30417	.005	<.01
		25.3	26.8	1.5	[illegible]	<.005	<.01
up to 1% disseminated pyrite		26.8	[illegible]	0.9	30419	<.005	<.01
trace pyrite		27.7	29.2	1.5	30420	<.005	.06
trace pyrite		29.2	30.7	1.5	30421	<.005	<.01
trace pyrite		30.7	32.1	1.4	30422	.005	.03
trace pyrite in andesite; 1-2% pyrite in silicified intrusive		32.1	33.6	1.5	30423	<.005	<.01
		33.6	35.1	1.5	30424	<.005	<.01
trace pyrite		35.1	35.6	0.5	30425	<.005	.01
1-2% pyrite		35.6	36.5	0.9	30426	<.005	<.01
1-2% pyrite		36.5	37.3	0.8	30427	.005	<.01
up to 1% pyrite		37.3	38.8	1.5	30428	<.005	<.01
trace pyrite		38.8	40.3	1.5	30429	<.005	<.01

N2/E2 MADE IN VANCOUVER, CANADA

PAGE 5 OF 6 | PROJECT: Phiz | HOLE NO. M88-12

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				37.3-42.1 Andesite (cont'd)							
				40.3-42.1 - silicified andesite; brecciated fine-grained weakly magnetic							
				41.9 - shear @ 35° C/A							
				42.1-44.8 Strongly Silicified Zone - light to pale grey-green; 20-40% pyrite							
				44.8-50.3 Black Argillite - non-graphitic; fine-grained; zones of bleached and silicified argillite							
				49.3 - quartz sheet @ 60° C/A							
				50.3-51.15 Black Graphitic Argillite - dark grey, black fine-grained moderately silicified and microbrecciated; several graphitic shears; upper and lower contacts @ 25° C/A; shear @ 60° C/A							
				51.15-54.9 Strongly Silicified Zone - light to pale [illegible]; [illegible] banding [illegible] 20° C/A							
				52.6 [illegible] banded argillite							
				52.6-52.8 bleached light grey-greywacke?							
				53.0-53.6 well defined banding (bedding?) @ 25° C/A							
				54.6-54.9 black argillite zone							

PAGE 6 OF 6 | PROJECT: Phiz | HOLE NO. M88-12

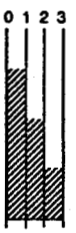
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st
1-2% pyrite		40.3	41.2	0.9	30430	<.005	<.01
1-2% pyrite		41.2	42.1	0.9	30431	<.005	.01
1-3% pyrite		42.1	43.4	1.3	30432	<.005	.02
1-3% pyrite		43.4	44.8	1.4	30433	<.005	.02
trace pyrite		44.8	46.3	1.5	30434	<.005	<.01
trace pyrite		46.3	47.8	1.5	30435	<.005	.03
trace pyrite		47.8	49.3	1.5	30436	<.005	<.01
trace pyrite		49.3	50.3	1.0	30437	<.005	<.01
2-3% pyrite		50.3	51.15	0.85	30438	.005	.01
1-2% pyrite		51.15	52.6	1.45	30439	<.005	<.01
1-2% pyrite		52.6	53.6	1.0	30440	<.005	<.01
1-2% pyrite (up to 3% locally)		53.6	54.9	1.3	30441	<.005	<.01

MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: Phil Vein	GROUND ELEV.: 150.3m
HOLE NO.: DDHM88 – 13	BEARING: 243°
LOCATION:	DIP: -45°
	TOTAL LENGTH: 449' (136.9m)
LOGGED BY: A. Montgomery	HORIZONTAL PROJECT: 104m
DATE: Dec 07/88	VERTICAL PROJECT: 88.9m
CONTRACTOR: Falcon Diamond Drilling	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED: December 5, 1988	TOTAL SULPHIDE SCALE
DATE COMPLETED: December 6, 1988	
DIP TESTS @ EOH Etched Dip: -45° True Dip: -36°	
COMMENTS:	LEGEND:



 PROJECT: Ph13 HOLE NO. -13

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A chlorite	B sericite	C pyr	D limonite	E epidote	FRACTURE INTENSITY	% VEIN QTZ	clay alt'n
				0 - 5.2 CASING								
5	60			5.2 - 65.5 ALTERED DIORITE: light to dark green, medium to coarse grained intrusive. distinct foliation @ 40° - 50° to c.a.. mottles chloritized ⊐ sericite (pale green) alteration of feldspars.. weakly magnetic 5.2 - 8.8 - coarser grained, weak to strongly epidote altered phase of intrusive								
10	80											
	60											
15	48			8.8 - 10.2 - intense (complete) limonite (± clay gouge & quartz vein) alt'n 10.2 - 10.3 - quartz veinlets <2cm wide ⊐ 1% - 2% pyrite in and adjacent to veins, associated limonite 10.3 - 17.0 - patches of intense (brown) limonite alteration associated with fractures								
	100											
20												
				17.7 fracture 30° to c.a.								
25				17.9 - 17.9 - green v. fine grained andesite in sharp contact ⊐ diorite (40° to 60° to c.a.) 19.3 - 19.6 - pinkish grey sericite altered intrusive in sharp irregular contact ⊐ diorite (no foliation)								
				23.1 - alteration changes abruptly at this point to dominant sericite - quartz (increase in quartz, significant limonite) - hematite ± clay ⊐ v. minor limonite on fractures, magnetite gone. minor disseminated pyrite core pale green with remnant intrusive texture, foliation less obvious								
30												
	100											
35												
40				39.3 - 1" quartz vein 80° to c.a. 25.7 - fracture 35° to c.a. 25.9 - limonitic fracture 30° to c.a. 30.1 - limonitic shear 50° to c.a. 31.4 - alteration again changes to a dominant chlorite alteration								
45												

 PROJECT: Ph13 HOLE NO. -13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM (m)	TO (m)	(m) WIDTH	SAMPLE NUMBER	ASSAYS Au oz/t	Ag oz/t		
minor diss. pyrite (5.2 - through out intrusive)		5.2	8.8	3.6	30091	<.005	.03		
		*(~50% core recy)							
up to 2% disseminated & stringers of pyrite in association with limonite & quartz veinlets (8.8 - 16.6m)		8.8	10.4	1.6					
		*(~37% core recy)			30092	<.005	<.01		
		10.4	13.0	2.6	30093	<.005	<.01		
		*(~60% core recy)							
		13.0	15.3	2.3	30094	<.005	.01		
		*(~60% core recy)							
		15.3	17.0	1.7	30095	<.005	.01		
		*(~85% core recy)							
		17.0	18.5	1.5	30096	<.005	.01		
		18.5	20.0	1.5	30097	<.005	.01		
		20.0	21.5	1.5	30098	<.005	<.01		
		21.5	23.1	1.6	30099	.005	<.01		
		23.1	24.6	1.5	30100	<.005	<.01		
		24.6	26.1	1.5	30351	<.005	<.01		
		26.1	27.6	1.5	30352	<.005	<.01		
		27.6	29.1	1.5	30353	.005	<.01		
		29.1	30.6	1.5	30354	<.005	<.01		
brecciated zone 30.6 - 31.4		30.6	31.4	0.8	30355	.005	<.01		
		31.4	32.9	1.5	30356	.005	.02		
32.9 - 33.2 - 10% py in qtz-carb stringers		32.9	33.2	0.3	30357	.005	.04		
33.1 - 10% pyrite as patches in 0.5cm - 1cm wide quartz-carb veinlet		33.2	34.5	1.3	30358	<.005	<.01		
		34.5	35.5	1.0	30359	<.005	<.01		
		35.5	37.0	1.5	30360	<.005	.05		
		37.0	38.7	1.7	30361	<.005	<.01		
		38.7	40.2	1.5	30362	<.005	<.01		
		40.2	41.7	1.5	30363	<.005	<.01		
		41.7	43.2	1.5	30364	<.005	<.01		
		43.2	44.7	1.5	30365	<.005	<.01		
45.2 - 3cm wide pyrite (3%) qtz veinlet		44.7	45.7	1.0	30366	<.005	<.01		
± possible dark grey sulphide?									

 MADE IN VANCOUVER, CANADA

 PROJECT: Ph13 HOLE NO. - B

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A chlorite	B sericite	C qtz	D limonite	E pyrite	FRACTURE INTENSITY	% VEIN QTZ.
45	100			31.9 rock: giving dark green colour to rock; foliation present at 70° to c.a.; weakly magnetic							
				33.1 pyrite quartz-carbonate veinlet 1cm - 0.5cm wide @ 10° to c.a.							
50				34.5 - chloritic shear 0°-5° to c.a.							
				* 30.6 - 31.9 - brecciated zone ☐ quartz - sericite ± carbonate ± inf. II							
				34.5 - 38.7 - sections of more felsic intrusive in sharp but irregular							
55				contact with diorite: where "fresh" pinkish hue (K-spar?) & fewer mafics than diorite. ~ monzonite							
				35.5 - 37.0 - clay-quartz alt'n zone							
				36.0 - limonite - quartz shear 70° to c.a.							
60				45.0 - change in alteration to sericite - quartz ± clay, limonite, hematite, + accessory sulphide veins							
			non magnetic	41.6 - limonite shear 50° to c.a.							
				45.2 - limonitic shear ☐ 3cm wide quartz veinlet 30° to c.a.							
65			65.5 - 74.5	46.7 - 47.1 - 10cm wide quartz vein ☐ pyrite + epidote 10° to 30° to c.a.							
			Andesite ☐ section of altd diorite.	46.5 - limonite - quartz shear 70° to c.a.							
				47.5 - 3cm quartz + 5% crs py veinlet @ 10° to c.a.							
70				51.9 - narrow pyrite-limonite-sericite shear 15° to c.a.							
				54.7 - quartz veinlet 25° to c.a.							
				56.0 - limonite fracture 5° to c.a.							
				58.4 & 58.6 - quartz - carbonate stringers 50° to c.a.							
75			74.5 - 100.6								
			Altered diorite (see notes next page)	60.2 - change in alteration to dominantly chlorite, quartz ☐ minor epidote and hematite; weak foliation 30° to c.a., weakly magnetic							
				62.4 - calcite veinlet 35° to c.a.							
80				64.9 - epidote fractures 5° & 35° to c.a.							
				65.5 - 40° to c.a. sharp contact between diorite & dark green fine - v. fine grained "andesite", sections of diorite generally quartz-sericite-clay altered in sharp irregular contact ☐ chlorite - sericite(?) altered andesite (non- to weakly magnetic) andesite generally massive with possible faint banding(?) 70°-80° to c.a.							
85											
90											

 PROJECT: Ph13 HOLE NO. -13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
		45.7	46.7	1.0	30367	.005	<.01			
46.7-47.1 - 10cm wide quartz-sulphide		46.7	47.3	0.6	30368	.138	3.95	.02	.24	.02
vein, 10% coarse pyrite, 1% fine sphalerite		47.3	48.8	1.5	30369	.008	.01			
(?)		48.8	50.3	1.5	30370	<.005	<.01			
47.5 - 3cm wide quartz-pyrite										
veinlet (5% coarse pyrite)		50.3	51.8	1.5	30371	<.005	<.01			
		51.8	53.3	1.5	30372	.005	.11			
		53.3	54.8	1.5	30373	.005	<.01			
		54.8	56.3	1.5	30374	<.005	<.01			
		56.3	57.8	1.5	30375	<.005	<.01			
		57.8	59.3	1.5	30376	<.005	<.01			
		59.3	60.8	1.5	30377	<.005	<.01			
		60.8	62.3	1.5	30378	<.005	<.01			
		62.3	63.8	1.5	30379	<.005	<.01			
		63.8	65.5	1.7	30380	<.005	<.01			
		65.5	67.0	1.5	30381	<.005	<.01			
		67.0	68.5	1.5	30382	.005	<.01			
		68.5	70.0	1.5	30383	<.005	<.01			
		70.0	71.5	1.5	30384	<.005	<.01			
		71.5	73.0	1.5	30385	.006	.08			
		73.0	74.5	1.5	30386	<.005	<.01			
74.5 - minor pyrite throughout		74.5	76.0	1.5	30387	<.005	<.01			
diorite										
		76.0	77.5	1.5	30388	.005	<.01			
		77.5	79.0	1.5	30389	.005	<.01			
		79.0	80.5	1.5	30390	<.005	.12			
		80.5	82.0	1.5	30391	<.005	<.01			
83.0cm - pyrite stringer <1cm wide		82.0	83.5	1.5	30392	<.005	<.01			
10° to c.a.		83.5	85.0	1.5	30393	<.005	.02			
		85.0	86.0	1.0	30394	<.005	<.01			
86.1 - 1cm wide pyrite stringer ~		86.0	87.1	1.1	30395	<.005	.77			
parallel to c.a.		87.1	88.6	1.5	30396	<.005	<.01			
87.0 - 1cm quartz-pyrite stringer 30° to c.a.		88.6	90.1	1.5	30397	<.005	.01			

MADE IN VANCOUVER, CANADA

 PROJECT: Ph13 HOLE NO.- B

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A chlorite	B sericite	C quartz	D carbonate	E epidote	FRACTURE INTENSITY	% VEIN QTZ.	clay alt'n
90				70.9 - 74.5 - strong shearing w̄								
* change of site				quartz-carbonate-sericite-hematite & minor								
				pyrite; 15°-20° to c.a.								
				69.8 - 70.2 - set of fractures (some								
				graphitic) 65°-75° to c.a.								
				74.5 - irregular contact to								
				chlorite-sericite-hematite ± epidote-								
			little or no well defined foliation in chlorite 50° to c.a.	quartz altered med grained chlorite								
				similar to equivalent units above,								
				weakly magnetic; minor disseminated py								
95			*	77.0 - short zone of calcite stringers								
				& fractures 50° to c.a. (note: calcite								
				stringers fairly coarse - all through								
				core)								
				80.3 - weakly limonite fracture 30° to c.a.								
				80.5 - 87.0 - abundant fractures								
				10° to 70° to c.a.								
				84.5 - hairline calcite-quartz veinlet								
	82			55° to c.a.								
100				88.0-88.2 - elongate pyrite stringer								
				10° to c.a.								
				85.1 - 86.6 - hairline pyrite (90%) - quartz								
	100			stringer parallel to c.a.								
				87.0 - hairline pyrite (30%) - quartz veinlet 25° to c.a.								
				90.2 - calcite stringer/fracture 10° to c.a.								
				91.9 - chlorite fractures 60° to c.a.								
				92.2 - 94.6 - sections of (well quartz -								
				chlorite - sericite altered?) chlorite?								
				w̄ up to 1% fine disseminated								
105				pyrite; foliation 30° to c.a.								
				99.0 - hairline quartz-pyrite veinlet								
			105.6 - 110.0	(10% coarse pyrite) 10° to c.a.								
			andesite	96.0 - 97.0 - hairline quartz - pyrite (10%								
				coarse pyrite) veinlet and related fracture								
				5° to c.a.								
				99.5 - 0.5cm quartz-pyrite (5% coarse								
				pyrite) veinlet 30° to c.a.								
				97.9 - 98.3 - intense epidote (quartz) alteration								
				75.0 - foliation 50° to c.a.								
				100.7 - fracture 10° to c.a.								
110			110.0 - 113.5	101.7 - fracture 30° to c.a.								
			Altered Diorite as described	104.8 - fracture 10° to c.a.								
				104.2 - hairline quartz veinlet 30° to c.a.								
			*	105.6 - 110.0 - fine - v. fine grained								
				dark green, weakly magnetic, chlorite ±								

 PROJECT: Ph13 HOLE NO. -13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/t	Ag oz/t
		90.1	91.6	1.5	30398	<.005	<.01
		91.6	93.1	1.5	30399	<.005	.06
1% fine disseminated pyrite		93.1	94.6	1.5	30400	.026	1.19
92.2-94.6.		94.6	96.0	1.4	30451	<.005	<.01
96.0-97.0 - hairline quartz-pyrite		96.0	97.0	1.0	30452	<.005	.07
veinlet (10% coarse pyrite) running		97.0	98.5	1.5	30453	<.005	<.01
parallel to c.a.							
99.5 - quartz-pyrite veinlet (5%		98.5	100.0	1.5	30454	<.005	.01
coarse pyrite) 30° to c.a.							
		100.0	101.2	1.2	30455	<.005	<.01
		101.2	102.7	1.5	30456	<.005	.01
		102.7	104.2	1.5	30457	<.005	<.01
		104.2	105.6	1.4	30458	<.005	<.01
		105.6	107.1	1.5	30459	<.005	<.01
		107.1	108.6	1.5	30460	<.005	<.01
		108.6	110.0	1.4	30461	<.005	.03
		110.0	111.0	1.0	30462	<.005	<.01
		111.0	112.5	1.5	30463	.005	.08
111.6 - quartz-pyrite veinlet 5° to c.a.							
w̄ 10% coarse pyrite							
112.4 - quartz-pyrite veinlet 40° to c.a.							
w̄ 5% coarse pyrite + 1% fine moly(?)							

MADE IN VANCOUVER, CANADA

 PROJECT: Ph13 HOLE NO. -13

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: Chlorite	Sericite	Quartz	Hematite	Epidote	FRACTURE INTENSITY	% VEIN QTZ.	Clay alt'n
				105.6-110.0 cont'd; epidote, quartz								
				altered "andesite" w/ sections of								
			113.5-120.4	quartz-sericite-chlorite-clay? altered								
			Brecciated	pinkish grey med grained intrusive								
115			Diorite w/ aplite matrix.	in sharp irregular contact. (monzonite)								
				107.4 - foliation in andesite 40° to c.a.								
				108.5 - fracture 10° to c.a.								
				109.7 - fracture 80° to c.a.								
				110.0 - contact andesite/diorite 30° to c.a.								
				111.0 - change in alteration to								
				quartz-sericite-clay(?) (non-								
				magnetic) with pyrite-quartz								
				stringers & veinlets. (hematite)								
				112.4 - quartz veinlet (0.5-3cm wide)								
120				40° to c.a. w/ 5% coarse pyrite +								
				minor molybdenite(?)								
			120.4-124.4	113.2 - fractures 10°-30° to c.a.								
			Altered	111.6 - quartz-pyrite veinlet 5° to c.a.;								
			Monzonite	(?) 10% coarse pyrite								
				112.5-113.0 - zone of quartz-pyrite								
				veinlets (similar to above) 30° to								
				c.a. w/ foliation								
			*	113.5-120.4 Strongly Altered and								
			124.4-127.4	sheared medium grained diorite								
125			Altered	sections and angular fragments								
			Monzonite w/ sections of tuff(?)	in a fine grained light grey								
				(fresh) to dark green (altered!)								
				~aplite intrusives: predominant								
				alterations chlorite-sericite & clay								
			127.4-136.9	w/ minor epidote.								
			Altered diorite	113.5-113.9 - 0.5cm wide quartz								
			intruded by	veinlet & associated coarse pyrite (5%)								
			monzonite	parallel to c.a.								
				116.9-118.8 - strongly chlorite-sericite-clay								
130				altered and fractured (0°-20° to c.a.)								
				119.4-119.8 - section of 'aplite' w/ contacts								
				at 25° to c.a.								
				119.0 - foliation 10° to c.a.								
			*	120.4-124.4 - medium grained pinkish grey								
				weakly to non-foliated (5° to c.a.) sericite-								
				±quartz±clay±hematite altered intrusive,								
				~ Monzonite. upper contact 10° to c.a.								
				124.8 - 125.5 - intense sericite-quartz-clay								
				(+minor pyrite) altered w/ w/ shearing 0°-15° to c.a.								

 PROJECT: Ph13 HOLE NO. -13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au oz/t	ASSAYS Ag oz/t
112.5-113.0: - quartz-		112.5	113.5	1.0	30464	.005	.09
pyrite veining w/ up to 10%							
coarse pyrite in veinlets		113.5	113.9	0.4	30465	<.005	<.01
113.5-113.9: 0.5cm wide qtz vein w/		113.9	115.4	1.5	30466	<.005	.02
5% coarse pyrite adjacent to vein							
		115.4	116.9	1.5	30467	<.005	<.01
		116.9	118.4	1.5	30468	<.005	.03
		118.4	120.4	2.0	30469	<.005	<.01
		120.4	121.9	1.5	30470	<.005	<.01
		121.9	123.4	1.5	30471	<.005	<.01
		123.4	124.9	1.5	30472	<.005	<.01
		124.9	126.4	1.5	30473	<.005	<.01
		126.4	127.4	1.0	30474	<.005	<.01
		127.4	128.9	1.5	30475	<.005	<.01
		128.9	130.4	1.5	30476	<.005	<.01
		130.4	131.9	1.5	30477	<.005	<.01
		131.9	133.4	1.5	30478	<.005	<.01
		133.4	135.1	1.7	30479	<.005	.11

MADE IN VANCOUVER, CANADA

PAGE 9 OF 10 | PROJECT: Phiz | HOLE NO. -13

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A chlorite	B sericite	C quartz	D limonite	E epidote	FRACTURE INTENSITY	% VEIN QTZ	clay alt'n
135				* 129.4 - 127.4 - v. strongly clay-sericite - quartz altered monzonite(?) with sections of light brown v. fine grained weakly foliated tuff(?). appears that the 'tuff' post dates intrusive (not certain) (fine flame shaped plagioclase crystals define foliation); sharp contacts 50°-60° to c.a. fractures 35°-45° to c.a.								
136.9 (E.O.H.)												
140				* 127.4 - silicified, foliated (25° to c.a.) strongly fractured diorite ≡ sections and veinlets of silicified monzonite (as above but silicified ≡ moderate sericite alteration) cutting diorite. sericite ± chlorite alteration of diorite; minor pyrite throughout fracturing among 0°-30° to c.a. diorite weakly magnetic to non-magnetic. 135.1 - 135.2 - v. coarse pyrite patches 30° to c.a. ~10% pyrite over ~5cm.								
145				136.9 E.O.H.								

E.O.H.

PAGE 10 OF 10 | PROJECT: Phiz | HOLE NO. -13

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/t	Ag oz/t			
135.1-135.2 v. coarse pyrite blebs @ 30° to c.a.; ~10% pyrite over 5cm.		135.1	135.4	0.3	30480	.005	.04			
		135.4	136.9	1.5	30481	<.005	<.01			
		E.O.H.								

N2/E2

MADE IN VANCOUVER, CANADA

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT Phiz	GROUND ELEV. 52.1m
HOLE NO. M-88-14	BEARING 226°
LOCATION	DIP -45°
	TOTAL LENGTH 152.1m
LOGGED BY Phil Bilodeau	HORIZONTAL PROJECT
DATE Dec. 10/88	VERTICAL PROJECT
CONTRACTOR Falcon Diamond Drilling	**ALTERATION SCALE** 0 1 2 3 absent slight moderate intense
CORE SIZE BQ	
DATE STARTED	**TOTAL SULPHIDE SCALE** 0 1 2 3 4 traces only < 1% 1% – 3% 3% – 10% > 10%
DATE COMPLETED	
DIP TESTS	
COMMENTS	LEGEND

 PROJECT: Ph.2 HOLE NO. 14

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A chlorite	B sericite	C silicif.	D limonite	E epidote	FRACTURE INTENSITY	% VEIN QTZ	Cu alteration
				0.0-4.6 Casing								
5	100			4.6-5.2 Andesite: dark green to grey + silicified altd sediment								
	100			5.2-14.6 Diorite: grey/green slightly magnetic, possibly remnant intrusive texture and brecciated to some degree throughout								
10	100			medium brecciated [illegible] some silicified sections								
	100			fractures are 40-45° C/A								
15				14.6-29.1 Andesite: grey to green slightly magnetic medium to fine grain, possible diorite fragments								
	100			Calcite filled fractures @ 25° C/A								
20	100			- Possible sed. or volcanic (no visible bedding)								
	100			very fine grain in some section: (argillaceous)								
25	100			-25.5 mottled silicified section 0.4 m wide								
	100			- fractures 80°-90° C/A								
30				- epidote alteration and chlorite alteration weak to moderate								
	100			- fracture at 32.1 m 45° C/A								
				33.5-36.4 strong silicification								
				- fractures ~45° C/A								
35	100			- calcite filled fracture 45° C/A								
				38.7 m Andesite/sediment								
	100			magnetic zones (magnetite) very fine grain, secondary? fracture filling?								
40				High epidote alteration								
	100			42.7 Possible remnant bedding/falation 50° C/A								
	100			medium grained								
45												

 PROJECT: Ph.2 HOLE NO. - 14

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st	Cu %	Pb %	Zn %
1-2% pyrite ± galena stringers		0.0	4.1	4.1	30482	<.005	<.01	.01	.01	.02
		~0.4 m of core								
>1% pyrite		4.1	5.6	1.5	30483	<.005	<.01			
>1% pyrite		5.6	7.1	1.5	30484	<.005	<.01			
>1% pyrite		7.1	8.6	1.5	30485	<.005	.01			
1% pyrite ± galena stringers very fine grained (hematite?)		8.6	10.1	1.5	30486	.005	.01	.01	.07	.01
1% pyrite ± galena stringers		10.1	11.6	1.5	30487	.136	.05	.02	<.01	.01
		11.6	13.1	1.5	30488	.027	.01			
>1% pyrite		13.1	14.6	1.5	30489	<.005	.10			
>1% pyrite		14.6	16.1	1.5	30490	<.005	.04			
>1% pyrite		16.1	17.6	1.5	30491	<.005	.01			
>1% pyrite		17.6	19.1	1.5	30492	<.005	<.01			
trace pyrite		19.1	20.6	1.5	30493	<.005	<.01			
trace pyrite		20.6	22.1	1.5	30494	<.005	.05			
trace pyrite		22.1	23.6	1.5	30495	<.005	.01			
trace pyrite		23.6	25.1	1.5	30496	<.005	.02			
possible fine grained galena		25.1	26.6	1.5	30497	.005	.03	.01	.01	.02
trace pyrite		26.6	28.1	1.5	30498	<.005	.05			
trace pyrite		28.1	29.6	1.5	30499	<.005	.03			
trace pyrite		29.6	31.1	1.5	30500	<.005	<.01			
trace pyrite		31.1	32.6	1.5	30232	<.005	.04			
		32.6	34.1	1.5	30233	<.005	<.01			
trace pyrite		34.1	35.6	1.5	30234	.008	.08			
trace pyrite		35.6	37.1	1.5	30235	.005	<.01			
trace pyrite		37.1	38.6	1.5	30236	<.005	<.01			
trace pyrite		38.6	40.1	1.5	30237	<.005	<.01			
1% pyrite		40.1	41.6	1.5	30238	<.005	<.01			
		41.6	43.1	1.5	30239	<.005	<.01			
		43.1	44.6	1.5	30240	<.005	<.01			
trace pyrite		44.6	46.1	1.5	30241	<.005	<.01			

PAGE 3 OF 8 PROJECT: Phiz HOLE NO. 14

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A chlorite	B sericite	C silicific	D limonite	m epidote	FRACTURE INTENSITY	% VEIN QTZ	clay alteration
	100			Grey to dark green moderatly magnetic throughout								
50	100			- grades into chloritic alt'n 51.5 Chloritic alteration dominant moderate silicification								
	100			fractures ~ 30° C/A slight foliation developing weakly magnetic								
55	100			54.6 Shear: limonitic infilled brecciated shear 0.3 m wide 25° C/A								
60	100			54.9-55.9 : alteration zone strong clay alteration causing grey bleached appearance, some breccia and areas of minor limonite alteration								
65	100			58.6 shear 0.1 m 30° C/A silicified zone 0.4 m on both sides of shear								
	100			59.0 grades into grey green andesite medium to fine grain fragmented								
70	100			59.9 Qtz stringers 0° C/A 0.01 m wide 0.2 m long								
				63.3 Foliation developing ~45° C/A to 0.2 m								
75	100			64.9 small limonitic shear @ 20° C/A 0.1 m long								
	100			66.7-67.5 Qtz veins/stringers 0-20° C/A								
80	100			71.3-72.5 · Altered andesite grey brown sericite alt'n w fine grain mica disseminated along foliation 45° C/A - qtz stringer through out								
85	100			72.5 · Andesite becoming less foliated to no foliation dk green to gray med grained - fractures filled with qtz/calcite @ 45° C/A								
90				88.8-115.7 Lithic lapilli tuff - Monzonite subangular to angular								

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st
no visible mineralization		46.1	47.6	1.5	30242	.005	<.01
		47.6	49.1	1.5	30243	<.005	<.01
		49.1	50.6	1.5	30244	<.005	<.01
		50.6	52.1	1.5	30245	<.005	<.01
		52.1	53.6	1.5	30246	<.005	<.01
		53.6	54.6	1.0	30247	<.005	.02
		54.6	55.9	1.3	30248	<.005	.16
trace pyrite		55.9	57.8	1.9	30249	<.005	<.01
trace pyrite		57.8	58.8	1.0	30250	<.005	.05
1% pyrite		58.8	60.3	1.5	30338	.005	.09
		60.3	61.8	1.5	30339	<.01	<.005
		61.8	63.3	1.5	30340	<.01	<.005
trace pyrite		63.3	64.8	1.5	30341	.09	.005
		64.8	66.3	1.5	30342	<.01	<.005
Qtz veins 2 cm wide with 1% pyrite		66.3	67.8	1.5	30343	<.01	<.005
Qtz stringer at 69.2 @ 45° C/A with 1% pyrite		67.8	69.3	1.5	30344	.02	.005
Qtz stringer at 69.8 @ 45° C/A		69.3	70.8	1.5	30345	.08	.005
72.2 qtz stringer @ 45 C/A		70.8	72.3	1.5	30346	.01	<.005
		72.3	73.8	1.5	30347	<.01	<.005
>1% galena stringers >1% pyr.		73.8	75.3	1.5	30348	.04	.005
>1% pyrite		75.3	76.8	1.5	30349	.06	<.005
trace pyrite		76.8	78.3	1.5	30350	.01	<.005
trace pyrite		78.3	79.8	1.5	147351	.09	<.005
		79.8	81.3	1.5	147352	.08	<.005
		81.3	82.8	1.5	147353	<.01	<.005
no visible sulfides		82.8	84.3	1.5	147354	<.01	<.005
		84.3	85.8	1.5	147355	.04	<.005
		85.8	87.3	1.5	147356	.02	<.005
		87.3	88.8	1.5	147357	.05	<.005
		88.8	90.3	1.5	147358	<.01	<.005
		90.3	91.8	1.5	147359	<.01	<.005

N2/82 MADE IN VANCOUVER, CANADA

 PROJECT: Phiz HOLE NO. 14

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION	FRACTURE INTENSITY	% VEIN QTZ.
				lithic fragments 0.001-0.03m			
				-aphanitic grey siliceous			
	100			& intrusive fragments			
				-chloritic alteration dominant			
95				-weak foliation			
	100			91.3 - calcite filled fracture			
				@ 45° c/A			
				-possible intrusive fragments			
	100			at 93.7m and 94.2m			
				99.8-100.0m intrusive			
100				grey to purple medium grain			
	100			possibly a large fragment/			
				vein @ 25° c/A contact			
				100.0m - Tuff - some large			
105	100			fragments (.05m-0.01m)			
				-calcite filled fractures			
				@ 45° c/A			
	100			100.8-100.9 and 104.7-104.9			
				intrusive vein or fracture			
110				grey to purple med. grn			
	100			contact with tuff 25° c/A			
				- slightly gradational contact			
				- tuffs on either side of			
	100			intrusive			
115				115.7-145.0 Intrusive: Diorite?			
				grey to purple, rounded			
	100			qtz, feldspar phenocrysts			
				-gradational contact			
				-very few fragments at			
120	100			the contact			
				-120.2-120.3 shear (gauge)			
				very minor limonite			
	100			@ 35° c/A			
				-moderately magnetic			
125				intrusive			
				-128.2-128.9 very limonitic			
	100			-129.3 - shear limonitic			
				@ 30° c/A			
				-130.8 fault gauge white			
130	100			grey clay material			
				-135.9 - white clay altered			
	100			shear? @ 45° c/A			
135							

 PROJECT: Phiz HOLE NO. 14

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	ASSAYS Ag oz/st
		91.8	93.3	1.5	147360	<.005	.01
no visible sulfides		93.3	94.8	1.5	147361	<.005	<.01
		94.8	96.3	1.5	147362	<.005	<.01
		96.3	97.8	1.5	147363	<.005	<.01
		97.8	99.3	1.5	147364	<.005	.07
trace pyrite		99.3	100.8	1.5	147365	.005	<.01
		100.8	102.3	1.5	147366	<.005	.02
		102.3	103.8	1.5	147367	<.005	<.01
no visible sulfides		103.8	105.3	1.5	147368	<.005	.06
		105.3	106.8	1.5	147369	<.005	.04
		106.8	108.3	1.5	147370	<.005	<.01
		108.3	109.8	1.5	147371	<.005	.09
		109.8	111.3	1.5	147372	<.005	<.01
		111.3	112.8	1.5	147373	<.005	<.01
		112.8	114.3	1.5	147374	<.005	<.01
		114.3	115.8	1.5	147375	<.005	.05
		115.8	117.3	1.5	147376	<.005	.06
		117.3	118.8	1.5	147377	<.005	.03
pyrite stringer 45°/c/A		118.8	120.3	1.5	147378	<.005	<.01
		120.3	121.8	1.5	147379	<.005	.04
		121.8	123.3	1.5	147380	<.005	.03
		123.3	124.8	1.5	147381	<.005	.07
Trace pyrite		124.8	126.3	1.5	147382	<.005	<.01
		126.3	127.8	1.5	147406	<.005	.02
Trace pyrite		127.8	129.3	1.5	147383	.005	<.01
		129.3	130.8	1.5	147384	<.005	<.01
		130.8	132.3	1.5	147385	<.005	<.01
		132.3	133.8	1.5	147386	<.005	<.01
		133.8	135.3	1.5	147387	<.005	<.01
		135.3	136.8	1.5	147388	<.005	.02

N2/E2

MADE IN VANCOUVER, CANADA

PAGE 7 OF 8 | PROJECT: Phiz | HOLE NO. 14

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A chloritic	B sericite	C silicified	D limonitic	E epidote	FRACTURE INTENSITY	% VEIN QTZ.	clay alteration
				qtz/calcite filled fractures abundant @ 10°-20° C/A								
140												
				142.8 - fracture, possible shear minor limonitic staining								
145				145.0-148.5 Hornfels: Pale green very fine grain, some diorite clasts ranging from 5cm to 1cm, moderatly abundant								
150				- slight foliation 10°-20° C/A - qtz stringers @ 20° C/A - Contacts with diorite both at 20° C/A								
155				148.5-152.1 E.O.H. Intrusive: Diorite? grey to green, fine ground mass, qtz/feldspar phenocrysts 1mm - 3mm subrounded to rounded 148.8 - large hornfels clast 5cm - 5cm in Intrusive EOH 152.1 m								

PAGE 8 OF 8 | PROJECT: Phiz | HOLE NO. 14

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st
no visible sulfides		136.8	138.3	1.5	147389	<.005	.02
		138.3	139.8	1.5	147390	.005	<.01
		139.8	141.3	1.5	147391	<.005	<.01
		141.3	142.8	1.5	147392	<.005	.05
Trace pyrite		142.8	144.3	1.5	147393	<.005	<.01
		144.3	145.0	0.7	147394	<.005	.06
		145.0	146.5	1.5	147395	<.005	.05
		146.5	148.0	1.5	147396	<.005	.06
Trace pyrite		148.0	148.5	0.5	147397	<.005	<.01
		148.5	150.0	1.5	147398	<.005	<.01
		150.0	151.0	1.0	147399	.005	.02
		151.0	152.1	1.1	147400	<.005	.03

N2/E2

PAMICON DEVELOPMENTS LIMITED

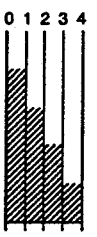
DRILL LOG

PROJECT: Phi3	GROUND ELEV.: 59.4 m
HOLE NO.: M88-15	BEARING: 226°
LOCATION	DIP: -45°
	TOTAL LENGTH: 94.2 m
LOGGED BY: A. Montgomery	HORIZONTAL PROJECT
DATE: Dec 12, 1988	VERTICAL PROJECT
CONTRACTOR: Falcon Diamond Drilling	ALTERATION SCALE
CORE SIZE: BQ	
DATE STARTED	
DATE COMPLETED	TOTAL SULPHIDE SCALE
DIP TESTS	
COMMENTS	LEGEND: py = pyrite

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE



traces only
< 1%
1% – 3%
3% – 10%
> 10%

PAGE 1 OF 6 | PROJECT: Phiz | HOLE NO. 88-15

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Chlorite	B Sericite	C Epidote	D Tourmaline	Silicification	FRACTURE INTENSITY	% VEIN QTZ.	clay alt'n
				0.0-1.5 Casing								
				1.5-29.9 ALTERED ANDESITIC LITHIC LAPILLI TUFF								
				Diorite → dark green to grey v. fine-fine grained mass (locally v. fine grained plagioclase(?) crystals) w/								
5	50			abundant mm-cm sized grey & pinkish grey silicious v. fine to								
	98			coarse grained (angular) fragments								
				felsic intrusive? ground mass chlorite altered and								
10				silicified to varying degrees, non-magnetic, <1% fine-med. pyrite								
				alteration not strong disseminations ± stringers, latest								
				stage calcite stringers 25°-60° to c.a.								
				12.8-14.9 - v. broken & fractured: fault								
15				zone?								
				15.3-17.0 - grades into dark green v. fine-fine grained w/ few lithic fragments.								
				fractures (± pyrite) 30°-65° to c.a.								
				19.9-20.2 - fine grained pale grey-green								
20				section @ sharp irregular contact w/								
				tuff: fine grained intrusive?; epidote stringers								
				50°-60° to c.a.								
				20.9-21.0 - pyrite stringer 5° to c.a.								
				24.7-27.0 - well fractured & broken; fault								
				zone?; fractures commonly 5°-30° to c.a.								
25				27.5-27.9 - brecciated section; sub round								
				to angular fragments in pale green-grey								
	90	A		silicious-(sericite?)-calcitic matrix, poorly								
	95			defined shearing @ 40° to c.a.								
30				29.9-32.9 29.2-29.9 - pale green-green 'bleached'								
				sericite-quartz ?alt'd @ contact w/ 'hornfels'								
				BLACK ARGILLITE								
				32.9-37.4 v. fine grained, massive, abundant								
				calcite fracture fillings; minor pyrite								
35				stringers; fracture sometimes slightly								
				upper contact = lower contact - 30° to c.a.								
				ALTERED ANDESITIC LITHIC LAPILLI TUFF								
				similar to above unit w/ less								
				fragments; more chlorite alteration								
				and shearing.								
40				32.9-35.7 - similar alteration (hornfels?)								
				as above argillite, strongest @ contact								
				33.4-33.6 - sheared & altered (sericite-quartz-clay), thin green fractures 30°-60° to c.a.								
				40.7-41.9 - pale green-green 'bleached' quartz-sericite alteration zone centered @ 2cm wide quartz veinlet (60° to c.a.) @ 41.8m								

PAGE 2 OF 6 | PROJECT: Phiz | HOLE NO. 88-15

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/t	Ag oz/t			
<1% disseminated py ± po										
stringers down hole		1.5	4.5	3.0	147004	<.005	<.01			~50% rec'y
		4.5	6.0	1.5	147005	<.005	.02			
		6.0	7.5	1.5	147006	<.005	.01			
		7.5	9.0	1.5	147007	<.005	<.01			
		9.0	10.5	1.5	147008	<.005	.05			
		10.5	12.0	1.5	147009	<.005	<.01			
		12.0	13.5	1.5	147010	<.005	<.01			
		13.5	15.0	1.5	147011	<.005	.03			
		15.0	16.5	1.5	147012	<.005	.05			
		16.5	18.0	1.5	147013	<.005	<.01			
		18.0	19.5	1.5	147014	<.005	<.01			
pyrite stringer 5° to c.a.		19.5	21.0	1.5	147015	<.005	<.01			
		21.0	22.5	1.5	147016	<.005	.04			
		22.5	24.0	1.5	147017	<.005	<.01			
		24.0	25.5	1.5	147018	<.005	<.01			
		25.5	27.0	1.5	147019	<.005	<.01			
		27.0	28.5	1.5	147020	<.005	<.01			
		28.5	29.9	1.4	147021	.005	.02			
29.9-32.9 - trace to 1% pyrite		29.9	31.4	1.5	147022	<.005	<.01			
stringers (& disseminations)										
		31.4	32.9	1.5	147023	<.005	<.01			
		32.9	34.4	1.5	147024	<.005	<.01			
		34.4	35.9	1.5	147025	<.005	<.01			
		35.9	37.4	1.5	147026	<.005	<.01			
		37.4	38.9	1.5	147027	<.005	<.01			
38.0m - 42.6 - pyrite content		38.9	40.4	1.5	147028	<.005	<.01			
increase w/ alteration & shearing										
1%-2% fine to coarse disseminations		40.4	41.9	1.5	147029	<.005	.01			
& stringers.		41.9	42.6	0.7	147030	<.005	<.01			
		42.6	44.1	1.5	147031	<.005	<.01			
<1% disseminated pyrite down hole										
		44.1	45.6	1.5	147032	<.005	.09			

MADE IN VANCOUVER, CANADA

 PROJECT: Phizal HOLE NO. 88-15

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION: chlorite	sericite	carbonate	potassic	limonite	silicification	FRACTURE INTENSITY	% VEIN QTZ	clay alteration
45	98			42.2-42.4 - clay rich shear zone									
				@ ~10° to c.a., weakly limonite									
				* very few if any lithic fragments									
				below argillite unit but appears to									
				be the same rock unit.									
50				45.6-49.4 - strongly fractured & sheared									
				zone; fault(?), fractures 45°-60° to c.a.									
				49.3-51.0 - salmon coat & kaolinite?									
				55.0-56.0 - well fractured section, minor									
				clay on fractures (30°-80° & 0° to c.a.)									
55				54.2 - 1cm quartz veinlet 90° to c.a.									
				* note fewer calcite stringers than up									
				hole.									
				59.6-60.6m - well fractured @ 0°-10° to c.a.									
60				63.2-63.4 - calcite/hematite stringers 50° to c.a.									
				64.5 - sections of pink-grey-green silicious									
				rock in sharp contact w/ andesite,									
				up to 15cm long, thought to be fragments									
				as smaller fragments noted elsewhere									
65				65.9-66.1 - 3cm wide white quartz									
				veinlet 30° to c.a. w/ minor pyrite+hematite(?)									
				71.2-71.5 - grey bleached/silicified									
				zone w/ ~2% fine disseminated pyrite,									
				clay along fractures 65° to c.a.									
70				fractures this area 45°-80° to c.a.									
75				75.5 - similar grey zone as 71.2 over ~									
				5cm zone									
				76.2 - core weakly magnetic to									
				~80.0									
80				79.9-80.9 - progressive light green									
				bleaching of tuff (sericite/quartz alteration									
				?) toward clay shear zone.									
				80.9-82.2 - light grey clay & quartz-									
				sericite shear zone; bearing ~10° to									
85				c.a.; minor brecciation at upper contact									
				20° to c.a.; trace pyrite; weak limonite									
				alteration along fractures									
				82.2-83.5 - bleached altered zone as 79.9,									
				fractures & quartz-hematite(?) veinlets 10°-20° to c.a.									
90			89.4-94.2	89.6-89.9 - minor hematite on fractures									
			(see page 6)	10°-15° to c.a.									

 PROJECT: Phizal HOLE NO. 88-15

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st		
<1% pyrite disseminations		45.6	47.1	1.5	147033	<.005	<.01		
		47.1	48.6	1.5	147034	<.005	<.01		
		48.6	50.1	1.5	147035	<.005	<.01		
		50.1	51.6	1.5	147036	<.005	<.01		
		51.6	53.1	1.5	147037	.005	.12		
		53.1	54.6	1.5	147038	<.005	<.01		
		54.6	56.1	1.5	147039	<.005	<.01		
		56.1	57.6	1.5	147040	<.005	.05		
		57.6	59.1	1.5	147041	<.005	.02		
		59.1	60.6	1.5	147042	<.005	<.01		
		60.6	62.1	1.5	147043	<.005	<.01		
		62.1	63.6	1.5	147044	<.005	<.01		
		63.6	65.1	1.5	147045	.005	<.01		
		65.1	65.9	0.8	147046	<.005	.03		
3cm qtz vein minor py+hem(?)		65.9	66.2	0.3	147047	<.005	<.01		
		66.2	67.7	1.5	147048	.005	<.01		
		67.7	69.2	1.5	147049	.005	<.01		
		69.2	70.7	1.5	147050	<.005	<.01		
		70.7	72.2	1.5	147051	<.005	.01		
		72.2	73.7	1.5	147053	<.005	<.01		
		73.7	75.2	1.5	147054	<.005	.01		
		75.2	76.7	1.5	147055	<.005	.03		
		76.7	78.2	1.5	147056	<.005	<.01		
		78.2	79.7	1.5	147057	<.005	<.01		
		79.7	80.9	1.2	147058	<.005	<.01		
		80.9	82.2	1.3	147059	<.005	<.01		
		82.2	83.7	1.5	147060	<.005	<.01		
		83.7	85.2	1.5	147061	<.005	.03		
		85.2	86.7	1.5	147062	<.005	<.01		
		86.7	88.2	1.5	147063	<.005	.01		
		88.2	89.4	1.2	147064	<.005	<.01		
89.4-89.2 - trace pyrite		89.4	90.9	1.5	147065	<.005	<.01		

N2/E2

MADE IN VANCOUVER, CANADA

PAGE 5 OF 6 | PROJECT: Ph13 | HOLE NO. 88-15

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Chlorite	B Sericite	C Epidote	D Limonite	E Silicification	FRACTURE INTENSITY	% VEIN QTZ.	Clay alteration
90	98			85.0 - 89.0 - minor fracturing 40° -								
				80° to c.a.								
				89.2 - foliation = bedding? at contact								
				40° to c.a.; contact 35° to c.a.								
94.2 EOH			Monzonite?	89.4 - 94.2 - SILICIOUS CRACKLE BRECCIA								
95				— dark purple to green-grey, highly								
				silicious (quartz flooded?), highly								
				fractured (hairline cracks) to								
				cracked brecciated, fine grained								
				with remnant medium grained								
				sericitized phenocrysts here and								
				there; minor limonite on some								
				fractured surfaces								
				90.1 - bending 30° to c.a.								
				94.2 E.O.H.								

PAGE 6 OF 6 | PROJECT: Ph13 | HOLE NO. 88-15

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Au oz/st	Ag oz/st		
trace pyrite		90.9	92.4	1.5	147066	<.005	.05		
		92.4	94.2	1.8	147067	<.005	.04		

N2/E2 MADE IN VANCOUVER, CANADA

APPENDIX VI

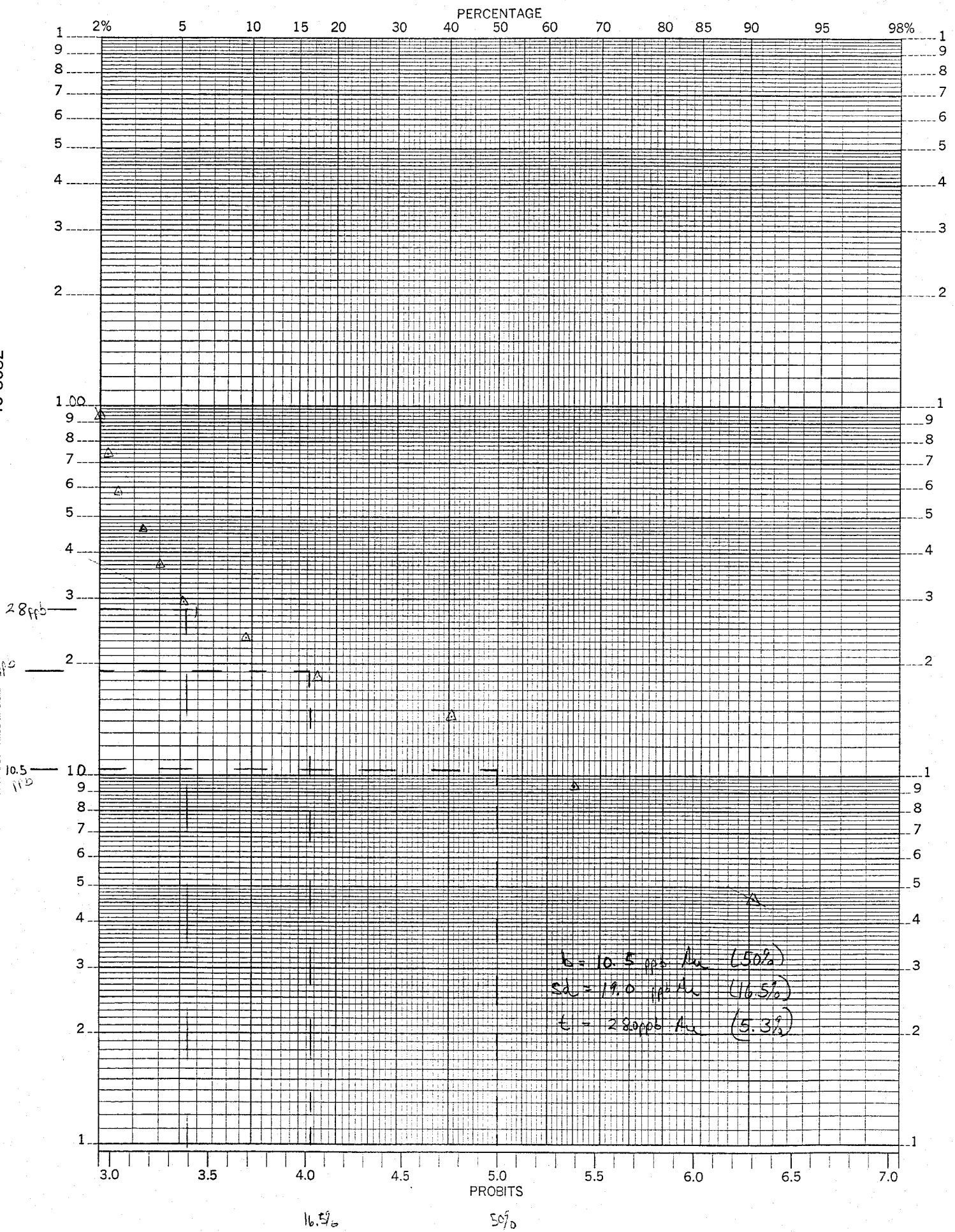
GEOCHEMICAL STATISTICS - LEPELTIER METHOD

Magenta
1988 Soil Survey
General grid + detail grids

A.

Project: Magenta	Metal: Au	Type: ppb		
Lower Class Limit	Frequency	Cummulative Frequency	Cumulative %	Calculations
1.17				
1.48				
1.86				
2.24				
2.95				
3.72				
4.67	61	61	90.6	
5.89				
7.41				
9.33	164	225	65.2	
11.75				
14.79	160	385	40.4	
18.62	149	534	17.3	
23.43	50	584	9.6	
29.51	29	613	5.1	
37.15	7	620	4.0	
46.77	4	624	3.4	
58.89	5	629	2.6	
74.13	3	632	2.2	
93.32	1	633	2.0	
117.49	3	636	1.5	
147.91	1	637	1.4	
186.21	2	639	1.1	
234.42	3	642	~~.5~~ 0.2	
295.12	1	643	0.5	
371.53				
467.74				
588.84	1	644	0.3	
741.31				
933.25				
1174.89				
1479.11	2	646	0.0	
1862.09				
2344.22				
2951.21				

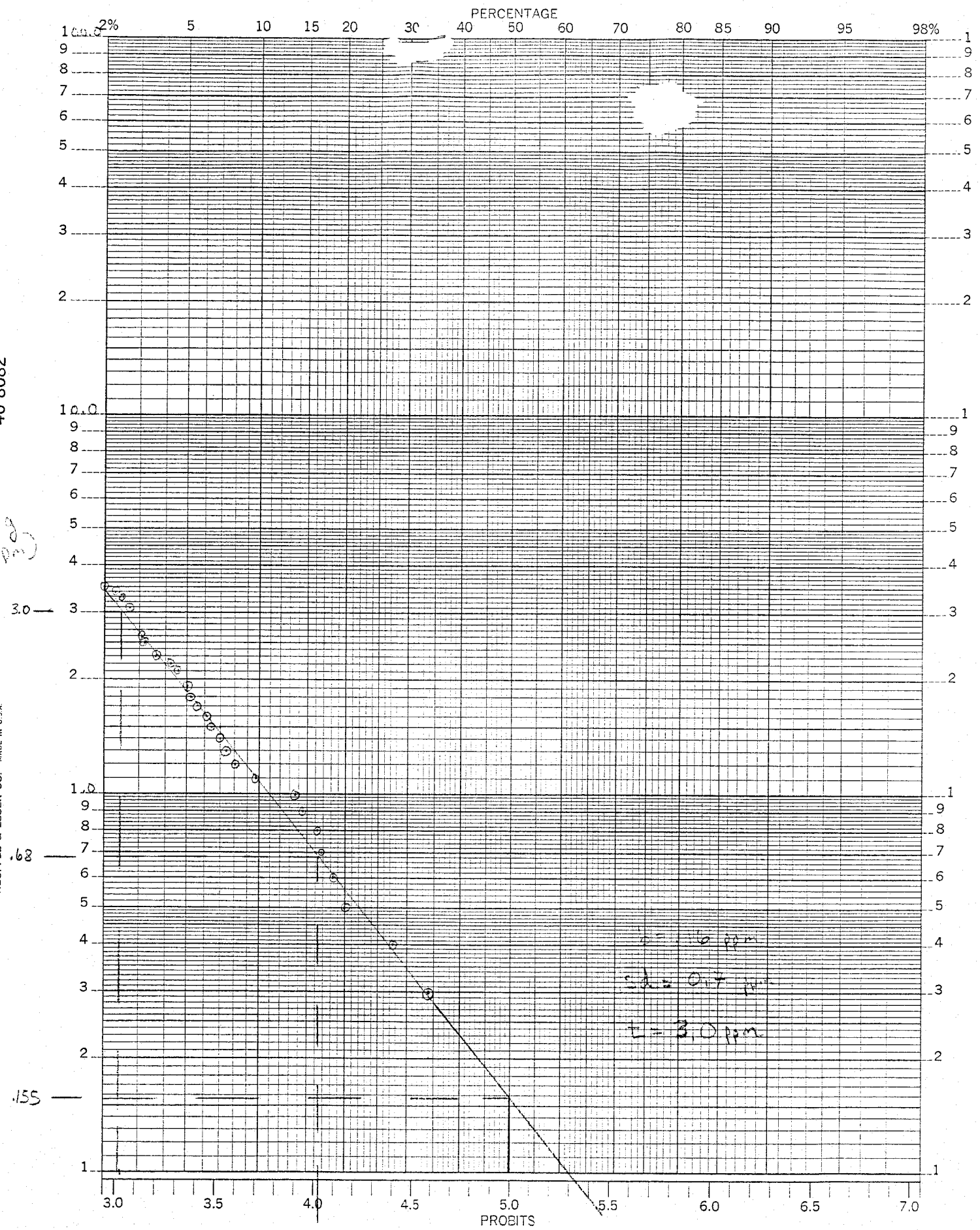
Magenta 1988 Soil Survey
Au (ppb)



Project Phix		Metal Ag		Type ppm
Lower class limit	Frequency	Cummulative Frequency	Cummulative %	Calculations
-0.13				
-0.03	354	354	44.9	
0.27	69	423	34.2	
0.37	42	465	27.7	
0.47	52	517	20.0	
0.57	9	526	18.2	
0.67	9	535	16.8	
0.77	4	539	16.2	
0.87	10	549	14.6	
0.97	5	554	13.8	
1.07	26	580	9.8	
1.17	11	591	8.1	
1.27	4	595	7.5	
1.37	3	598	7.0	
1.47	4	602	6.4	
1.57	1	603	6.2	
1.67	4	607	5.6	
1.77	3	610	5.1	
1.87	1	611	5.0	
1.97	—			
2.07	1	612	4.8	
2.17	4	616	4.2	
2.27	4	620	3.6	
2.37	—			
2.47	2	622	3.3	
2.57	1	623	3.1	
2.67				
2.77				
2.87				
2.97				

Project Phiz		Metal Ag		Type ppm
Lower Class limit	Frequency	Cummulative Frequency	Cummulative %	Calculations
3.07	3	626	2.6	
3.17				
3.27	1	627	2.5	
3.37	1	628	2.3	
3.47	2	630	2.0	
3.57				
3.67	1	631	1.9	
3.77				
3.87				
3.97				
4.07	2	633	1.6	
4.17	1	634	1.4	
5.07	1	635	1.2	
5.17				
5.27	1	636	1.1	
5.57	1	637	1.0	
6.57	1	638	0.8	
7.77	1	639	0.6	
9.47	1	640	0.5	
12.07	1	641	0.3	
13.27	1	642	0.2	
16.37	1	643	0.0	

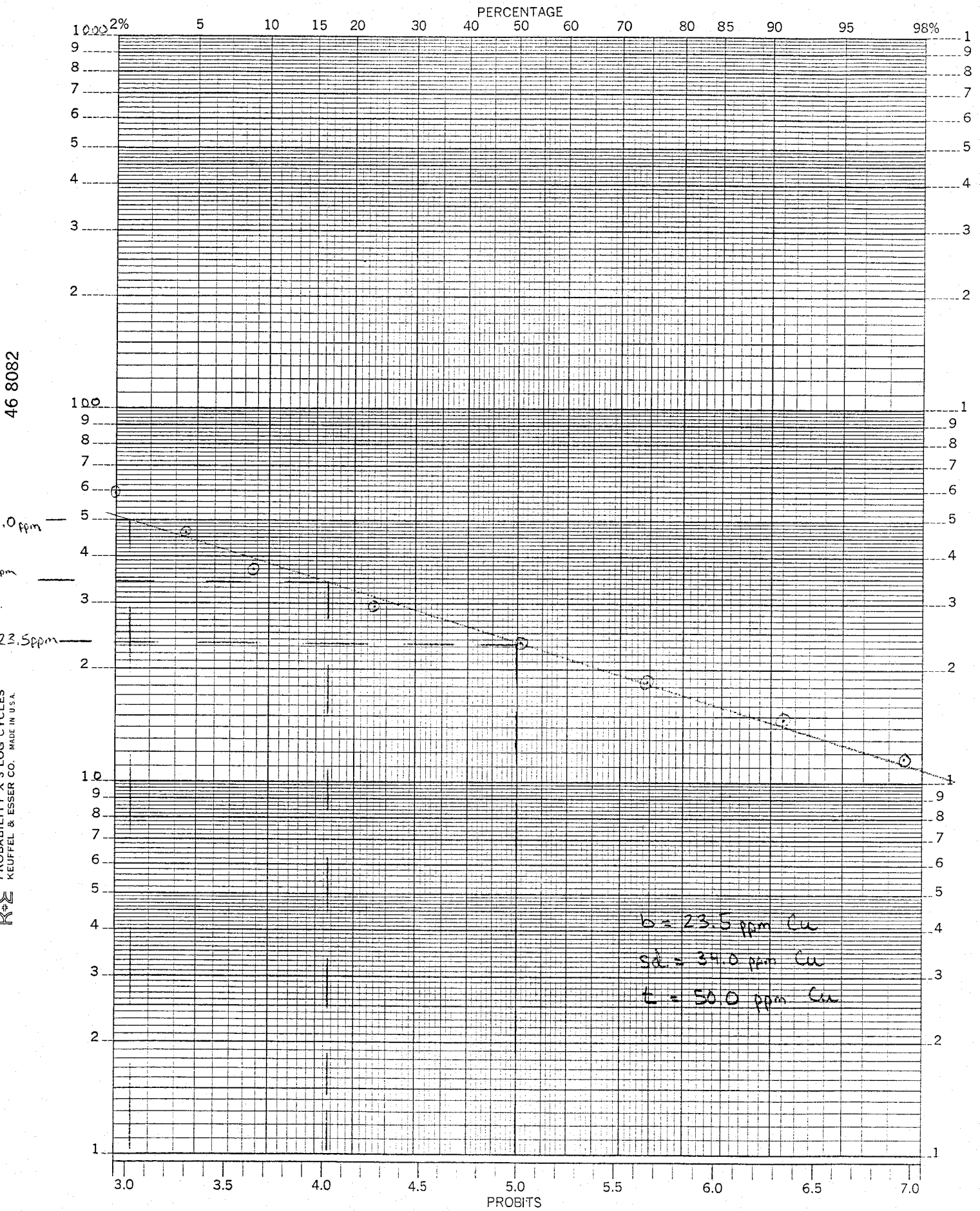
Magnolia 1983 Soil Survey
Ag (ppm)



46 8082
K+E PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

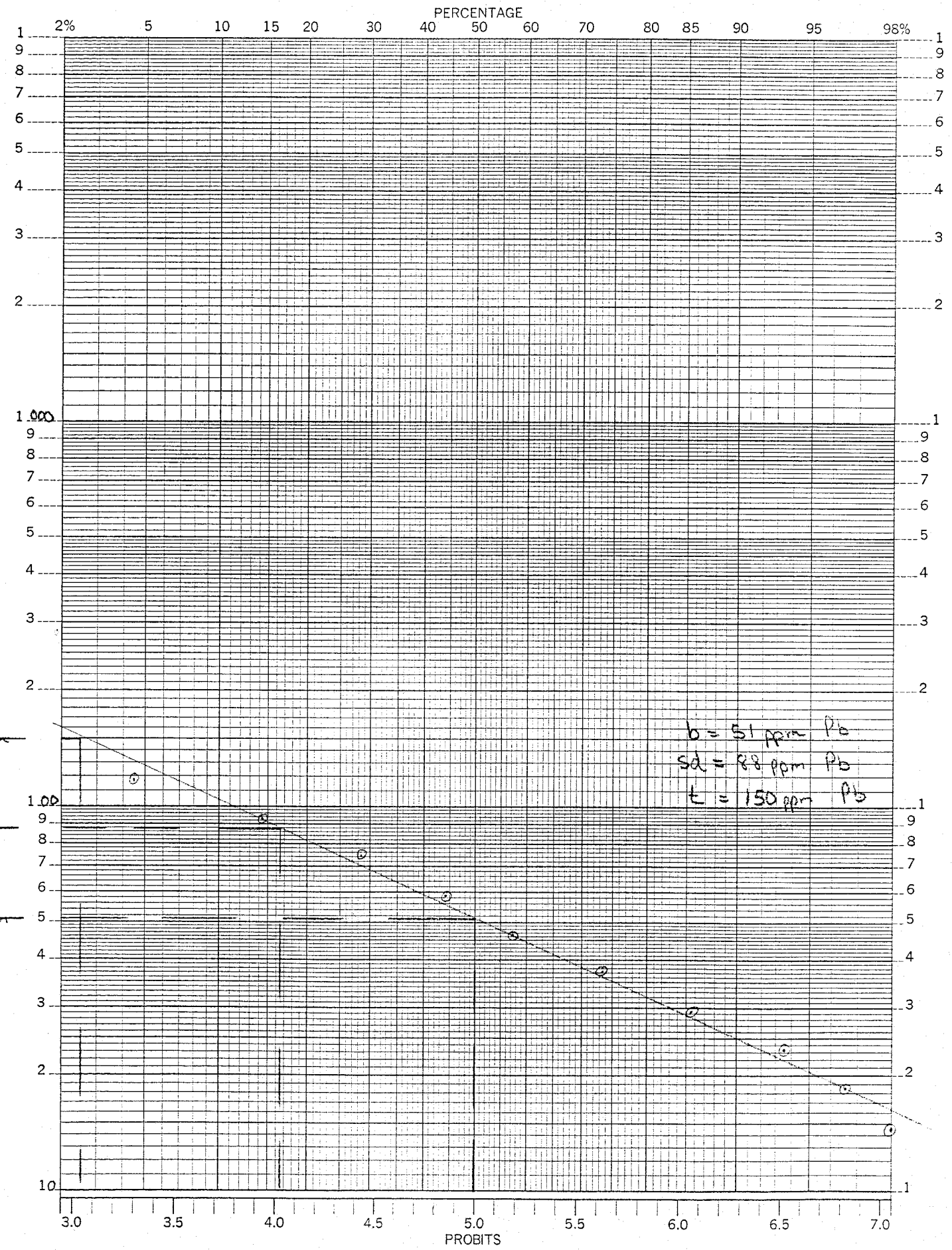
Project: Magenta - Phiz	Metal: Cu	Type: ppm		
Lower Class Limit	Frequency	Cumulative Frequency	Cumulative %	Calculations
1.17				
1.48				
1.86	1	1	99.8	
2.24				
2.95				
3.72				
4.67				
5.89	1	2	99.7	
7.41	1	3	99.5	
9.33	1	4	99.4	
11.75	12	16	97.6	
14.79	43	59	91.1	
18.62	110	169	74.6	
23.43	159	328	50.7	
29.51	185	513	22.9	
37.15	94	607	8.7	
46.77	29	636	4.4	
58.89	16	652	2.0	
74.13	6	658	1.1	
93.32	1	659	0.9	
117.49	3	662	0.5	
147.91	—			
186.21	1	663	0.3	
234.42				
295.12				
371.53	1	664	0.2	
467.74				
588.84				
741.31				
933.25				
1174.89				
1479.11	1	665	0.0	
1862.09				
2344.22				
2951.21				
3715.35				

Magenta - Phaz - 1983
Cu (ppm)



Project: Magenta - Phiz		Metal: Pb	Type: ppm	
Lower Class Limit	Frequency	Cummulative Frequency	Cumulative %	Calculations
1.17				
1.48				
1.86				
2.24				
2.95				
3.72				
4.67				
5.89	2	2	99.7	
7.41	3	5	99.2	
9.33	3	8	98.8	
11.75	2	10	98.5	
14.79	3	13	98.0	
18.62	9	22	96.7	
23.43	19	41	93.8	
29.51	53	94	85.8	
37.15	81	175	73.6	
46.77	105	280	57.8	
58.89	89	369	44.4	
74.13	106	475	28.5	
93.32	94	569	14.3	
117.49	66	635	4.4	
147.91	23	658	0.9	
186.21	1	659	0.8	
234.42	1	660	0.6	
295.12	2	662	0.3	
371.53				
467.74				
588.84	1	663	0.2	
741.31	1	664	0.0	
933.25				
1174.89				
1479.11				
1862.09				
2344.22				
2951.21				

Magenta - Phig 1988
Pb (ppm)



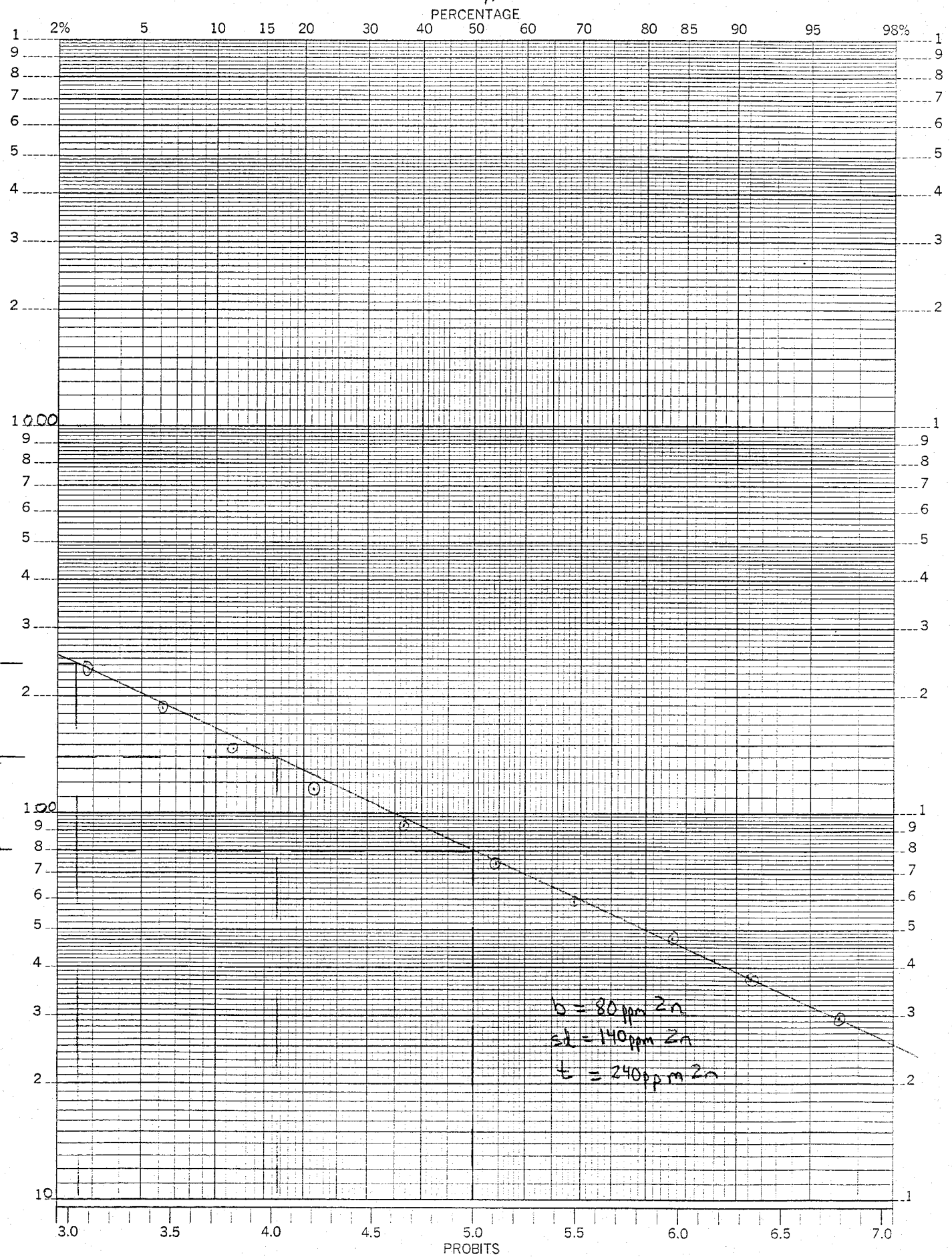
46 8082
PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

Project: PH12	Metal: Zn	Type: ppm

Lower Class Limit	Frequency	Cumulative Frequency	Cumulative %	Calculations
1.17				
1.48				
1.86				
2.24				
2.95				
3.72				
4.67				
5.89				
7.41				
9.33				
11.75				
14.79				
18.62	4	4	99.4	
23.43	4	8	98.8	
29.51	17	25	96.2	
37.15	33	58	91.2	
46.77	51	109	83.5	
58.89	94	203	69.2	
74.13	97	300	54.5	
93.32	118	418	36.6	
117.49	99	517	21.5	
147.91	64	581	11.8	
186.21	38	619	6.1	
234.42	21	640	2.9	
295.12	14	654	0.8	
371.53	4	658	0.2	
467.74				
588.84				
741.31				
933.25				
1174.89				
1479.11				
1862.09	1	659	0.0	
2344.22				
2951.21				

Magenta 1988 Soil Survey

Zn (ppm)



46 8082
PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

APPENDIX VII

PETROGRAPHIC ANALYSIS

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
VOX 1JO

PHONE (604) 888-1323

Report for: **Liz Scroggins,**
Pamicon Developments Ltd.,
#711 - 675 West Hastings Street
VANCOUVER, B.C., V6B 1N4

Invoice 7952
January 1988

Samples: M-88 Series: 8 drill cores

Summary:

Many of the samples were deformed by shear deformation, which produced mild to intense cataclastic textures including a prominent foliation, compositional banding, fracturing and granulation of coarser grains, development of wispy, braided shear zones, and recrystallization of grains to extremely fine grained aggregates. In the most strongly foliated rocks, the origin is uncertain; they may have been formed by intense cataclastic deformation and alteration of a more massive diorite or amphibolite, or be a metamorphosed, intermediate, volcano-sedimentary rock.

Veins are abundant in many samples, and up to three ages were recognized in some samples. Epidote veins and replacement patches are associated with shear deformation. Other veins are dominated by one or more of carbonates (calcite, dolomite, or ankerite), quartz, plagioclase, and chlorite. Minor minerals in veins include opaque, in part = pyrite, sericite, kaolinite, and two unknown silicates, labelled Mineral X and Mineral Y.

The rocks are grouped as follows:

1. Amphibolite

rocks dominated by hornblende and plagioclase, with metamorphic texture; probable parent rock was a basic volcanic flow.

M88-3 2.8 m quartz amphibolite, massive; early veins of plagioclase-epidote-quartz; late veinlets of calcite-epidote-(chlorite)

M88-3 23.8 m slightly porphyritic (hornblende), weakly foliated amphibolite; hornblende-plagioclase with minor K-feldspar, sphene and apatite; strongly sheared; epidote replacement patches and veins

(continued)

2. Diorite

2.1 Foliated, Weak to Moderate Cataclastic Deformation

characterized by plagioclase and hornblende/chlorite with abundant sphene and apatite; gradational to subgroup 2.2.

M88-7 53.9 m compositionally banded; minor relic coarser grained plagioclase, most recrystallized and replaced partly by K-feldspar; hornblende-(sphene) layers, abundant apatite; veins and replacement patches of epidote

M88-8 10.1 m moderately abundant relic plagioclase grains (altered moderately to strongly to K-feldspar) in groundmass of plagioclase-chlorite-epidote; veins and seams of dolomite

2.2 Strong Cataclastic Deformation, possible alternate origin

minor relic coarser plagioclase grains in a finer grained, commonly well foliated groundmass dominated by plagioclase with lesser amounts of quartz and one or more of chlorite, K-feldspar, ankerite, and epidote.

M88-3 8.8 m plagioclase with minor quartz, chlorite, and muscovite/sericite; replacement patches of quartz, veins of calcite-quartz-(Mineral X)

M88-4 13.9 m minor relic plagioclase grains in groundmass of plagioclase-ankerite-quartz; abundant veins of ankerite-quartz-(sericite)

3. Schist

very strongly foliated rock, compositionally banded, possibly an intensely cataclastically deformed rock in which no relic texture was preserved or a metamorphosed volcano-sedimentary rock.

M88-2 18.5 m plagioclase-quartz-chlorite-K-feldspar, compositionally banded

4. Deformed, Porphyritic Quartz-bearing Monzonite

M88-6 10.5 m plagioclase phenocrysts in groundmass of plagioclase-K-feldspar-(quartz-chlorite-pyrite) with granulated patches and seams of similar composition; veins and patches of dolomite and minor K-feldspar

John G. Payne
604-986-2928

Sample M88-2 18.5 m **Plagioclase-Quartz-Chlorite-K-feldspar Schist; Veins: 1) Quartz, 2) Plagioclase-Quartz and 3) Calcite with K-feldspar Halo**

The rock is a compositionally banded, well foliated schist dominated by plagioclase and quartz, with lesser chlorite and K-feldspar. Main types of layers are: 1) plagioclase-chlorite-(Ti-oxide), 2) quartz-(plagioclase-chlorite), and 3) quartz-rich. Gradations between these end-members are present. Three ages of veins are present: 1) early quartz, 2) intermediate plagioclase-(quartz), and 3) late calcite.

plagioclase	40-45	Ti-oxide	0.5%
quartz	25-30	pyrite	0.2
chlorite	7- 8	apatite	minor
K-feldspar	5- 7		
veins			
1) quartz	2- 3%		
2) plagioclase-quartz	3- 4		
3) calcite-(K-feldspar)	3- 4		

In quartz-plagioclase-(chlorite) layers, plagioclase forms equant grains averaging 0.02-0.05 mm in size; plagioclase is fresh to altered slightly to sericite. In plagioclase-chlorite layers, plagioclase commonly is slightly coarser grained; in these plagioclase generally is altered moderately to strongly to sericite.

Quartz forms equant grains averaging 0.05-0.1 mm in size in some layers and 0.03-0.05 mm in size in others. Coarser grained, quartz-rich layers(?) up to 0.5 mm wide probably are associated in origin with early quartz veins.

K-feldspar is concentrated in thin layers as extremely fine grained aggregates intergrown with plagioclase and quartz. It was not identified in thin section; its distribution is shown in the stained offcut block.

In plagioclase-chlorite layers, chlorite forms clusters of equant to elongate flakes averaging 0.03-0.07 mm in size. In quartz-plagioclase-chlorite layers, chlorite forms disseminated flakes averaging 0.02-0.04 mm in size, mainly associated with plagioclase. Clusters of flakes commonly are elongated parallel to foliation. Locally, flakes outline faint fold noses averaging 0.3-0.7 mm in width. Pleochroism of chlorite is weak from pale to light green. Associated with chlorite are patches of extremely fine grained Ti-oxide, which indicate that the assemblage is secondary after biotite.

Opaque (pyrite?) forms disseminated subhedral to euhedral grains and clusters of grains averaging 0.05-0.15 mm in grain size. A few lenses of pyrite parallel to foliation are up to 1.7 mm long.

Apatite forms anhedral grains averaging 0.03-0.07 mm in size.

Quartz forms early, subparallel, lensy veins averaging 0.2 mm in width; grain size averages 0.1-0.8 mm. Some veins are perpendicular to foliation and some are parallel to foliation. Pyrite forms subhedral grains averaging 0.1-0.15 mm in size. A few patches consist of extremely fine grained sericite after plagioclase.

Intermediate veins up to 2 mm wide are dominated by fine to medium grained plagioclase and lesser quartz. Plagioclase is altered slightly to extremely fine grained sericite and quartz.

The main calcite-rich vein has a partial rim up to 0.08 mm wide of extremely fine grained K-feldspar, and contains a few lenses of K-feldspar of similar texture parallel to and near borders of the vein. A few lensy calcite veinlets averaging 0.05-0.08 mm wide are subparallel to foliation and cut the rock and earlier veins.

Sample M88-3 2.8 m **Quartz Amphibolite; Early Veins of Plagioclase-Epidote-Quartz; Late Veinlets of Calcite-Epidote-(Chlorite)**

The rock is a massive, extremely fine to fine grained quartz amphibolite dominated by hornblende and plagioclase, with interstitial patches of quartz and disseminated opaque. Locally, the rock shows fine compositional banding defined by later rich in quartz and seams of opaque. Early veins are dominated by plagioclase (altered moderately to strongly to epidote and less strongly to sericite) and quartz. Later veinlets are of epidote, calcite, and minor chlorite; bordering some, plagioclase is altered strongly to epidote.

hornblende	50-55%
plagioclase	17-20
quartz	5- 7
opaque	1- 2
sphene	0.3
early veins	
plagioclase	7- 8
epidote	7- 8
quartz	7- 8
hornblende	0.3
late veinlets, seams	
epidote	1- 2
calcite	0.5
chlorite	minor
opaque	minor

Hornblende forms anhedral, equant grains averaging 0.05-0.15 mm in size. Pleochroism is from light yellowish green to medium green.

Plagioclase forms submosaic grains averaging 0.03-0.07 mm in size. Alteration is moderate to strong in patches to extremely fine grained sericite and lesser ones of cryptocrystalline epidote.

Quartz forms interstitial patches and lenses up to 1 mm across of grains ranging up to 0.1-0.7 mm in size. Quartz-rich patches contain abundant inclusions of plagioclase along their borders, and have gradational contacts with plagioclase-rich patches. Textures grade into those of the early veins.

Opaque forms disseminated grains averaging 0.03-0.05 mm in size, and lenses up to 0.5 mm long of similar grains. Locally, lenses outline a weak foliation.

Sphene forms anhedral grains averaging 0.1-0.2 mm in size.

One early vein averaging 1.5 mm in width is dominated by very fine grained plagioclase with border zones up to 0.15 mm wide rich in quartz. Plagioclase is altered moderately to patches of cryptocrystalline epidote which grade into others of very fine, strongly interlocking grains. Some of these are alteration halos bordering late epidote stringers. Hornblende forms minor lenses and clusters of grains averaging 0.03-0.05 mm in size.

The other main early vein at a high angle to the first is up to 2.5 mm wide, and is dominated by very fine grained quartz and irregular patches of epidote (after plagioclase), with minor hornblende and chlorite.

A few late veinlets up to 0.15 mm wide are dominated by calcite, locally with moderately abundant, disseminated, extremely fine grained opaque. Many narrower parts of the veins and a few other narrow seams (0.01-0.03 mm wide) are dominated by epidote with lesser lenses of chlorite.

Sample M88-3 8.8 m **Metamorphosed Cataclastically Deformed Diorite or Greywacke; Veins of Calcite-Quartz-(MIneral X?)**

Disseminated ragged plagioclase grains are set in a foliated groundmass dominated by plagioclase and quartz, with minor chlorite, muscovite, and opaque. The origin is uncertain; it may be a metamorphosed greywacke or a strongly cataclastically deformed diorite, in which the coarser grains represent the remains of original plagioclase grains in the diorite, and the groundmass represents material which was sheared, granulated, and recrystallized. Replacement patches are dominated by quartz, and veins are of calcite and quartz, with minor K-feldspar.

plagioclase	
coarser grains	4- 5%
groundmass	70-75
quartz	7- 8
chlorite	3- 4
muscovite/sericite	3- 4
opaque	1
Ti-oxide	0.2
calcite	minor
apatite	trace
replacement patches	
quartz	3- 4
veins	
calcite-quartz-(Mineral X)	3- 4

Plagioclase forms disseminated, anhedral grains averaging 0.1-0.2 mm in size, and a few up to 0.7 mm long. Textures suggest that these may be relics of coarser grains. Alteration is slight to sericite.

In the groundmass, plagioclase forms equant, slightly interlocking grains averaging 0.02-0.04 mm in grain size. Alteration is slight to moderate to sericite.

Quartz forms disseminated anhedral grains averaging 0.02-0.03 mm in size.

Chlorite and muscovite forms flakes averaging 0.02-0.05 mm in size. A few chlorite flakes (after biotite) are 0.08-0.1 mm in size. Chlorite is pleochroic from pale to light green.

Opaque (pyrite) forms disseminated clusters up to 0.2 mm in size of grains averaging 0.03-0.1 mm in size. It also forms a few lenses of finer grains oriented parallel to foliation.

Apatite forms subhedral prismatic grains averaging 0.02-0.04 mm long.

Replacement patches up to a few mm across are dominated by quartz grains averaging 0.05-0.15 mm in grain size.

Veins up to 0.5 mm wide are dominated by very fine grained calcite, in part with border zones of extremely fine grained calcite and/or dolomite. Some veins contain abundant patches and lenses of anhedral to locally subhedral and euhedral quartz grains averaging 0.05-0.15 mm in size. A few contain interstitial grains up to 0.4 mm in size of an unknown mineral with the following optical properties: colorless, high R.I. (over 1.70), birefringence (0.005-0.008), biaxial positive, abundant dusty opaque inclusions.

M88-3 23.8 m **Sheared, Slightly Porphyritic Amphibolite**

The sample is an amphibolite containing a few hornblende megacrysts in a groundmass dominated by hornblende and lesser plagioclase, with minor K-feldspar, sphene, opaque, and apatite. A foliation is defined locally by compositional banding of hornblende versus feldspars. This foliation was deformed moderately by warping, and the rock was sheared strongly and replaced along a network of braided veins and veinlets by cryptocrystalline to locally fine/medium grained epidote.

megacrysts		
hornblende	2- 3%	
groundmass		
hornblende	50-55	
plagioclase	25-30	(replaced partly by epidote)
K-feldspar	2- 3	
opaque	0.5	
sphene	0.5	
apatite	0.2	
chlorite	0.1	
replacement patches		
epidote	4- 5	
veins, veinlets		
epidote	8-10	

Hornblende forms a few ragged megacrysts up to 1.5 mm in size. Megacrysts commonly have wavy extinction and some are slightly recrystallized to subgrain aggregates.

In the groundmass, hornblende forms patches of anhedral to subhedral, prismatic to irregular grains averaging 0.06-0.2 mm in size. Pleochroism of hornblende in both megacrysts and groundmass is from medium yellowish green to medium/dark green.

Plagioclase forms patches and lenses of anhedral, slightly interlocking grains ranging from ones averaging 0.02 mm in size to ones averaging 0.05-0.08 mm in size, with a few single grains up to 0.4 mm across. Some extremely fine grained plagioclase probably was formed by granulation of coarser grains during the major deformation. Plagioclase is altered slightly to sericite, and is replaced moderately in irregular patches by cryptocrystalline epidote.

K-feldspar forms interstitial patches of extremely fine, interlocking grains intergrown with plagioclase. K-feldspar cannot be identified definitely in thin section; its presence and distribution are indicated by the bright yellow stain on the offcut block.

Sphene forms anhedral grains averaging 0.1-0.2 mm in size, with a few up to 0.5 mm long, mainly associated with hornblende.

Opaque forms disseminated anhedral to subhedral grains averaging 0.05-0.1 mm in size, a few lenses up to 0.8 mm long of similar grains, and a few grains up to 0.3 mm across. It also forms abundant disseminated grains averaging 0.01 mm in size, concentrated in patches of cryptocrystalline epidote.

Apatite forms equant, subhedral grains averaging 0.05-0.08 mm across, with a few up to 0.3 mm across.

Chlorite forms a few patches up to 0.2 mm in size of light green flakes averaging 0.05-0.07 mm in size.

The rock was sheared strongly, and replaced along abundant braided veinlets by cryptocrystalline epidote. Where these veinlets are most abundant, the rock was replaced in patches by very fine to locally medium grained epidote.

Sample 88-4 13.9 m **Cataclastically Deformed Diorite; Veins of Ankerite-Quartz-(Sericite)**

The rock contains minor relic coarser plagioclase grains in a recrystallized groundmass dominated by extremely fine to very fine grained plagioclase with disseminated primary quartz and secondary ankerite. On rather meager evidence, it is interpreted as an extremely strongly deformed diorite. Abundant veins dominated by ankerite-quartz are locally deformed slightly.

plagioclase	
relic coarser grains	1- 2%
groundmass	40-45
quartz	2- 3
ankerite	5- 7
opaque (pyrite)	0.5
sericite	minor
apatite	trace
veins	
ankerite	25-30
quartz	17-20
sericite	0.3
pyrite	0.1
Mineral Y	minor

Plagioclase forms ragged, relic grains averaging 0.1-0.15 mm in size, with a few up to 0.3 mm long. These are set in a groundmass of moderately interlocking plagioclase and much less quartz grains averaging 0.02-0.03 mm in size. Grains are fresh to locally altered slightly to sericite.

Ankerite forms irregular replacement patches and veinlets generally of extremely fine to very fine grain size.

Opaque (pyrite?) forms disseminated grains and clusters of grains averaging 0.02-0.08 mm in size, with a few grains up to 0.3 mm across.

Sericite forms scattered patches up to 0.1 mm in size of extremely fine grained flakes.

Apatite forms subhedral prismatic grains up to 0.05 mm long, and anhedral grains averaging 0.03-0.05 mm in size.

The veins are dominated by medium to coarse grained quartz and ankerite. A few smaller quartz-rich veins are deformed moderately and recrystallized slightly to extreme fine grained subgrain aggregates. In coarser veins, a few grains of quartz and of ankerite show moderately strained extinction. Quartz grains along borders of a few veins have euhedral terminations against ankerite in the core of the vein.

Sericite forms patches of wispy, extremely fine grained flakes, commonly along borders of quartz and ankerite. Pyrite forms disseminated anhedral to euhedral grains and clusters averaging 0.1-0.2 mm in grain size.

In one interstitial patch between coarse ankerite grains are patches up to 0.4 mm in size of Mineral Y with the following optical properties: colorless, R.I. about 1.65 (less than that of ankerite), birefringence about 0.007, optical properties masked by extremely fine texture or inclusions, anhedral grains averaging 0.03-0.07 mm in size.

Sample 88-6 10.5 m **Deformed Porphyritic Quartz-bearing Monzonite; Seams and Patches of Granulated Rock; Veinlets of Dolomite-(K-feldspar)**

Plagioclase phenocrysts are set in a groundmass of finer grained plagioclase, K-feldspar, quartz, chlorite, and pyrite. The rock was strained moderately and recrystallized in patches to very fine grained, subgrain aggregates. Wispy veins and patches are of dolomite-(K-feldspar) and of chlorite-pyrite.

phenocrysts		veins and patches	
plagioclase	10-12%	dolomite	3- 4%
groundmass		K-feldspar	0.3
plagioclase	35-40	kaolinite	trace
K-feldspar	17-20		
quartz	5- 7		
chlorite	3- 4		
pyrite	1- 2		
apatite	trace		
granulated patches	15-17	(composition similar to main rock)	

Plagioclase forms subhedral to anhedral phenocrysts averaging 1.2-1.7 mm in size. Composition is **An20-30**. Some grains show slight growth zoning. Slightly more calcic cores are altered slightly to locally moderately to disseminated sericite flakes. Some are altered slightly to strongly to K-feldspar. Most grains are strained slightly to moderately, and a few are recrystallized partly to much finer grained aggregates. In the groundmass, plagioclase forms anhedral grains averaging 0.2-0.3 mm in size, with textures and alteration similar to the phenocrysts.

K-feldspar forms anhedral, in part interstitial grains averaging 0.1-0.5 mm in size. Probably much of the K-feldspar is secondary after plagioclase, and was introduced prior to deformation.

Quartz forms patches up to 1 mm in size of slightly to moderately strained and recrystallized grains averaging 0.2-0.5 mm in size.

Chlorite forms patches up to 1 mm in size and wispy seams of very fine to fine grained flakes, generally containing irregular patches of extremely fine grained Ti-oxide, and commonly associated with pyrite. Chlorite is secondary after biotite. Textures suggest that much of the chlorite was remobilized and recrystallized during deformation.

Pyrite forms disseminated subhedral grains averaging 0.1-0.3 mm in size, and patches of anhedral grains of somewhat finer grain size, generally associated with chlorite.

Apatite forms subhedral prismatic grains up to 0.1 mm long.

Irregular, patchy zones up to a several mm across are dominated by anhedral, slightly interlocking plagioclase grains averaging 0.02-0.03 mm in size, with scattered, ragged, relic coarser grains up to 0.3 mm across. Chlorite forms disseminated flakes averaging 0.02-0.03 mm in size. Pyrite forms local concentrations of anhedral to subhedral grains averaging 0.1-0.2 mm in size. Ti-oxide forms disseminated patches averaging 0.01-0.03 mm in size, in part associated with chlorite. Apatite forms scattered, anhedral grains up to 0.03 mm across. Wispy veinlets are of chlorite and of calcite. The patches grade into commonly braided seams of similar or finer grained rock, suggesting that they were formed by deformation and granulation of the host rock.

Veins and veinlets up to 0.8 mm wide are of very fine to fine grained carbonate (dolomite) and lesser K-feldspar. A few veinlets of carbonate up to 0.1 mm wide contain lenses up to 0.2 mm long of extremely fine grained kaolinite.

M88-7 53.9 m **Cataclastically Deformed, Foliated Diorite; Veins and Replacement Lenses of Epidote**

The rock is a well foliated, cataclastically deformed diorite dominated by plagioclase and hornblende, with abundant sphene and apatite. Compositional banding is defined by alternating lenses rich in feldspars and in hornblende-sphene, respectively. Plagioclase is granulated and replaced in lenses by K-feldspar. Replacement patches and veinlets are of epidote with minor opaque.

plagioclase		veins and replacement patches	
relic	4- 5%	epidote	7- 8%
recrystallized	40-45%	opaque	minor
K-feldspar	12-15	late veinlets	
hornblende	20-25	calcite	trace
sphene	3- 4		
apatite	1- 2		
actinolite	0.5		
opaque	0.3		
calcite	0.1		

Plagioclase forms subrounded, relic grains averaging 0.7-1.2 mm in size, with a few up to 2 mm long. These are contained in recrystallized feldspar aggregates of slightly to moderately interlocking grains averaging 0.01-0.03 mm in size. A few prismatic grains up to 0.8 mm long are preserved in hornblende-rich layers.

K-feldspar is intergrown intimately with groundmass plagioclase in lenses parallel to foliation up to 1-2 cm long These aggregates grade texturally into patches with K-feldspar grains up to 0.5 mm in size containing abundant inclusions of groundmass plagioclase.

Hornblende forms anhedral to subhedral prismatic grains averaging 0.2-1 mm in length, with larger grains generally oriented parallel to foliation. Pleochroism is from medium yellowish green to deep green, and locally slightly bluish green. Along borders of hornblende-rich lenses and in feldspar-rich zones are ragged, prismatic grains of pale to light green actinolite up to 0.2 mm long.

Sphene forms elongate grains up to 0.8 mm long and equant grains up to 0.4 mm across, mainly associated with hornblende. A few layers up to 0.5 mm wide contain about as much sphene as hornblende. Elongate grains generally are oriented parallel to foliation. A few are segmented along irregular fractures, with fragments separated by up to 0.1 mm of groundmass plagioclase.

Apatite forms subrounded to subhedral, prismatic grains up to 1 mm in size in both hornblende and plagioclase.

Opaque (ilmenite?) forms disseminated, equant grains averaging 0.02-0.05 mm in size in hornblende-rich layers, and disseminated grains averaging 0.005-0.015 mm in size in plagioclase-rich layers and in cryptocrystalline epidote veins and replacement lenses.

Calcite forms interstitial, very fine grained patches in feldspar-rich layers.

Epidote forms irregular, in part braided veins and replacement lenses averaging 0.2-0.8 mm wide of dense, cryptocrystalline aggregates with moderately abundant, disseminated, opaque grains averaging 0.005-0.02 mm in size. A few wider veins up to 2 mm wide have broad cores of extremely fine to very fine grained, granular to slightly interlocking epidote grains, rimmed by narrower zones of cryptocrystalline epidote. Bordering some of these, plagioclase is altered strongly to completely to dense aggregates of extremely fine grained sericite/tremolite(?).

Calcite forms a few late veinlets up to 0.02 mm wide.

M88-8 10.1 m **Cataclastically Deformed, Foliated Diorite; Veins of Dolomite and Seams of Chlorite**

Partly recrystallized, relic plagioclase grains are set in a granulated and recrystallized groundmass dominated by very fine grained plagioclase, with patches and seams dominated by chlorite with lesser Ti-oxide, pyrite, and epidote. A moderate foliation was developed during deformation, and is defined by compositional banding and elongation of chlorite flakes. In the core of one thick plagioclase-rich layer, relic coarse plagioclase grains are replaced strongly by K-feldspar. Abundant late veins and minor seams are dominated by dolomite and chlorite, respectively.

plagioclase		Ti-oxide/ilmenite	0.5%
relic grains	10-12%	sphene	0.5
groundmass	50-55	pyrite	0.3
K-feldspar	5- 7	apatite	0.3
chlorite	20-25		
epidote	5- 7		
veins and seams			
dolomite	3- 4		
chlorite-(opaque)	0.2		

Plagioclase forms relic grains (possibly in part phenocrysts) up to 3 mm in size. Many of these occur in the core of a broad, plagioclase-rich layer and are altered strongly to K-feldspar. Where not altered to K-feldspar, they are altered slightly to moderately to sericite and minor calcite. Plagioclase grains were recrystallized in irregular patches inwards from their borders to extremely fine grained, interlocking aggregates.

Much of the rock is dominated by anhedral, slightly interlocking plagioclase grains averaging 0.02-0.05 mm in size. Alteration is slight to moderate to sericite and minor calcite. Intergrown with plagioclase are extremely fine grained, disseminated grains of chlorite, Ti-oxide, and carbonate.

Lensy patches up to 1.5 cm long and 0.8 cm wide are dominated by subparallel aggregates of very fine grained chlorite, with abundant, irregular patches of extremely fine grained epidote, and minor to moderately abundant disseminated grains and clusters of opaque (in part pyrite), sphene, and ilmenite/Ti-oxide. Some lenses contain minor to moderately abundant interstitial lenses of plagioclase.

Sphene forms anhedral to subhedral, equant to elongate grains averaging 0.1-0.4 mm in size, both in chlorite-rich lenses and in plagioclase-rich zones. Some grains are altered slightly to moderately to Ti-oxide.

Apatite forms anhedral, equant grains averaging 0.1-0.3 mm in size, with a few up to 0.6 mm long, and a few subhedral prismatic grains up to 0.4 mm long. The largest grain was broken along a set of subparallel fractures, and fragments were offset up to 0.08 mm.

In chlorite-rich lenses, pyrite forms subhedral to euhedral grains averaging 0.05-0.1 mm in size, and more abundant disseminated, subhedral to euhedral grains averaging 0.01-0.02 mm in size.

Ilmenite forms lenses up to 0.15 mm in size in chlorite-rich layers; these are altered moderately to strongly to Ti-oxide. The latter also forms disseminated patches averaging 0.01-0.03 mm in size in chlorite-rich lenses; some of it cannot be distinguished from patches of epidote of similar texture.

Veins up to 1.5 mm wide and veinlets averaging 0.05-0.1 mm wide are of very fine to fine grained dolomite. Textures in some veins indicate that they were sheared and recrystallized. A few seams up to 0.1 mm wide are dominated by chlorite with scattered lenses of opaque.

APPENDIX VIII

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, ELIZABETH A. SCROGGINS, of 2141 Yukon 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 Western Ontario, Bachelor of Science Degree in Geology (Honours).

3. THAT my primary employment since 1986 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 Crest Resources Ltd./Magenta Development Corp. for the use of this report in any prospectus or other documentation required by any regulatory authority.

DATED at Vancouver, B.C., this 28th day of February, 1989.

Elizabeth A. Scroggins

Elizabeth A. Scroggins, Geologist

APPENDIX IX

ENGINEER'S CERTIFICATE

ENGINEER'S CERTIFICATE

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

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

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

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

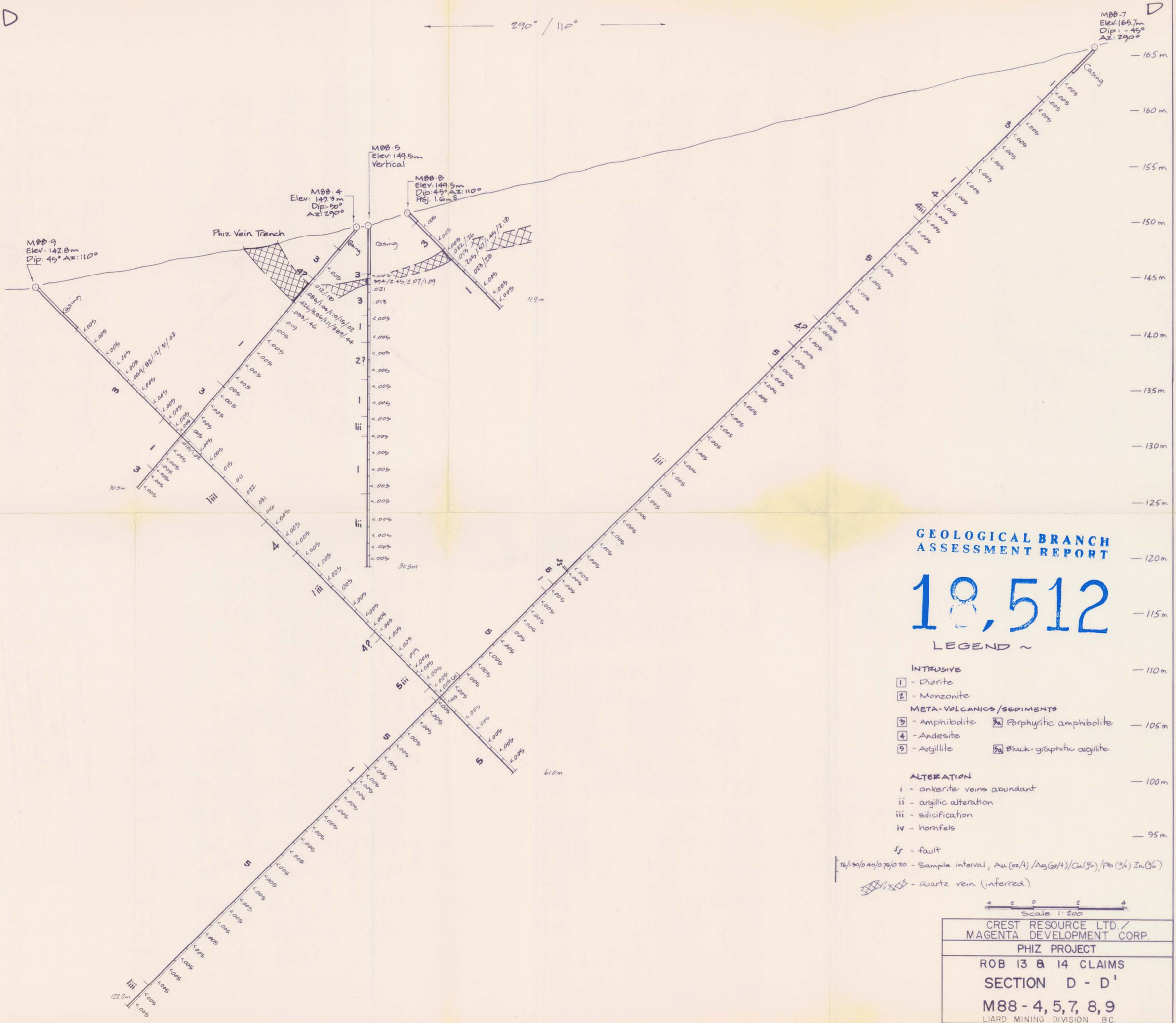
4. THAT this report is based on work conducted under my direction in 1988 and on extensive knowledge of the immediate area.

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

6. THAT I consent to the use by Crest Resources Ltd./Magenta Development Corp. of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers.

DATED at Vancouver, B.C., this 28th day of Feb, 1989.

Charles K. Ikona, P.Eng.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,512

LEGEND ~

INTRUSIVE
1 - Diorite
2 - Monzonite

META-VOLCANICS/SEDIMENTS
3 - Amphibolite
3a Porphyritic amphibolite
4 - Andesite
5 - Argillite
5a Black-graphitic argillite

ALTERATION
i - ankerite veins abundant
ii - argillic alteration
iii - silicification
iv - hornfels

ss - fault
16/1.30/0.40/0.75/0.20 - Sample interval, Au (oz/t) /Ag (oz/t) /Cu (%) /Pb (%) Zn (%)
- Quartz vein (inferred)

Scale 1:200

CREST RESOURCE LTD./
MAGENTA DEVELOPMENT CORP.

PHIZ PROJECT

ROB 13 & 14 CLAIMS

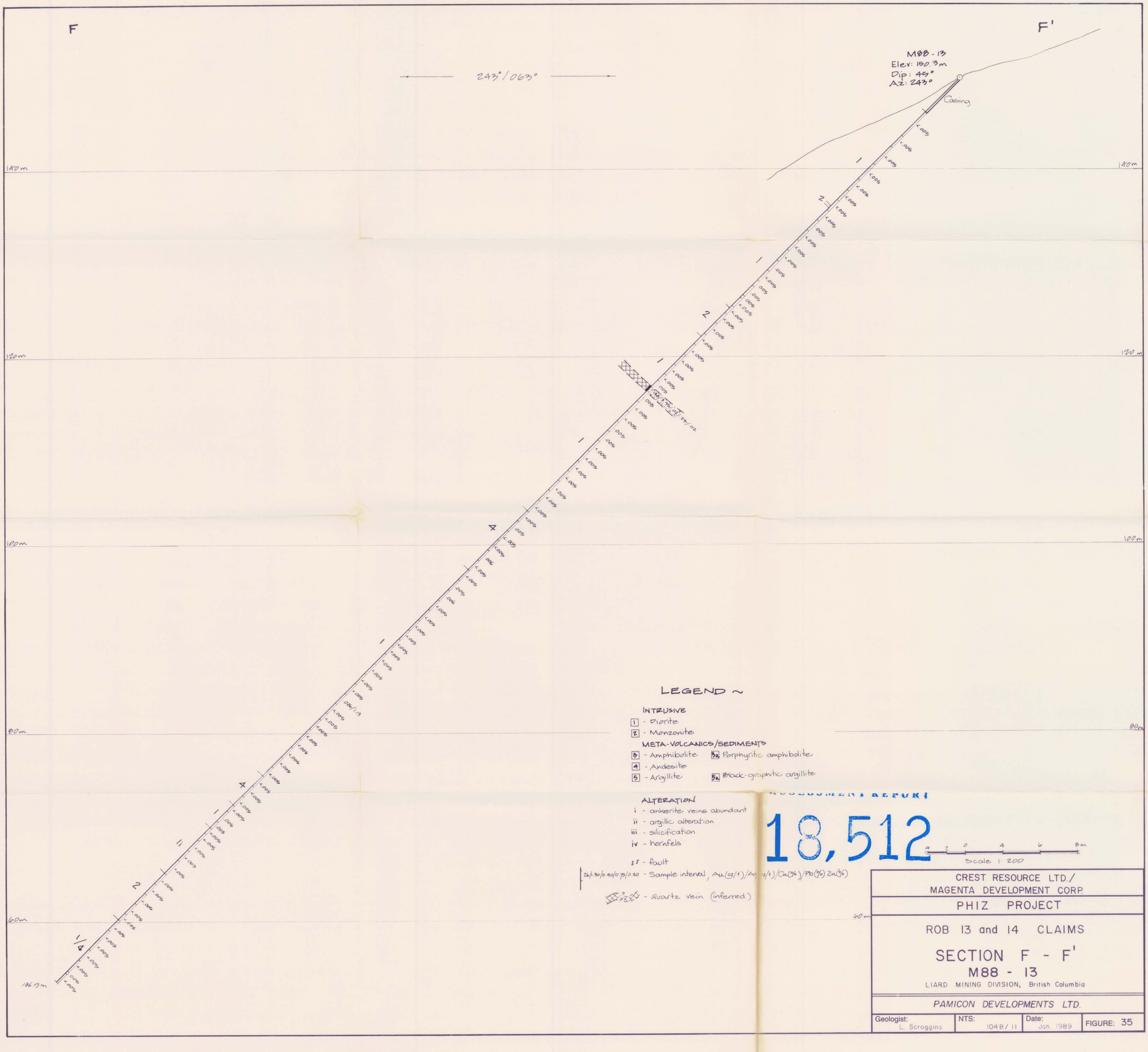
SECTION D - D'

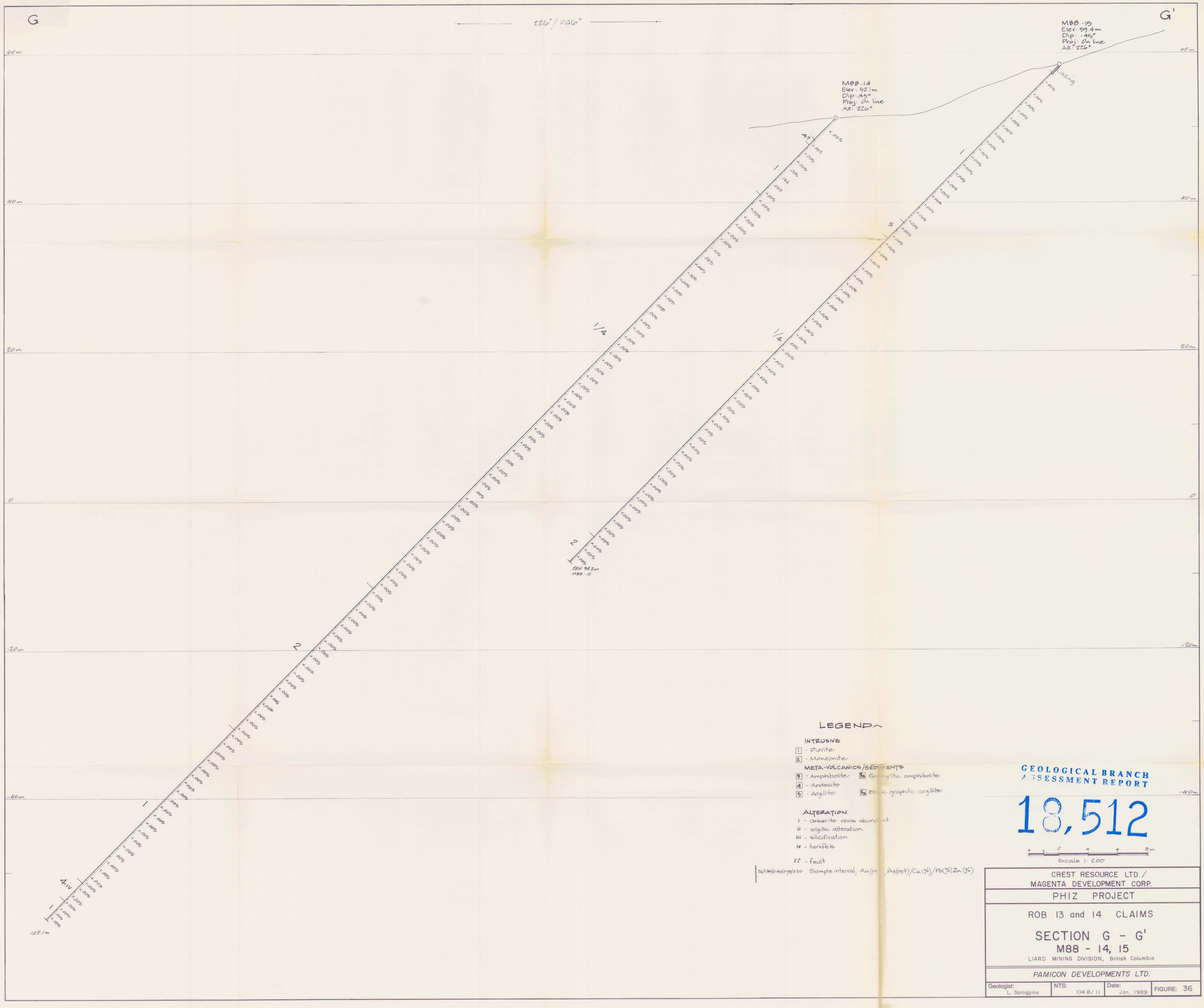
M88 - 4, 5, 7, 8, 9

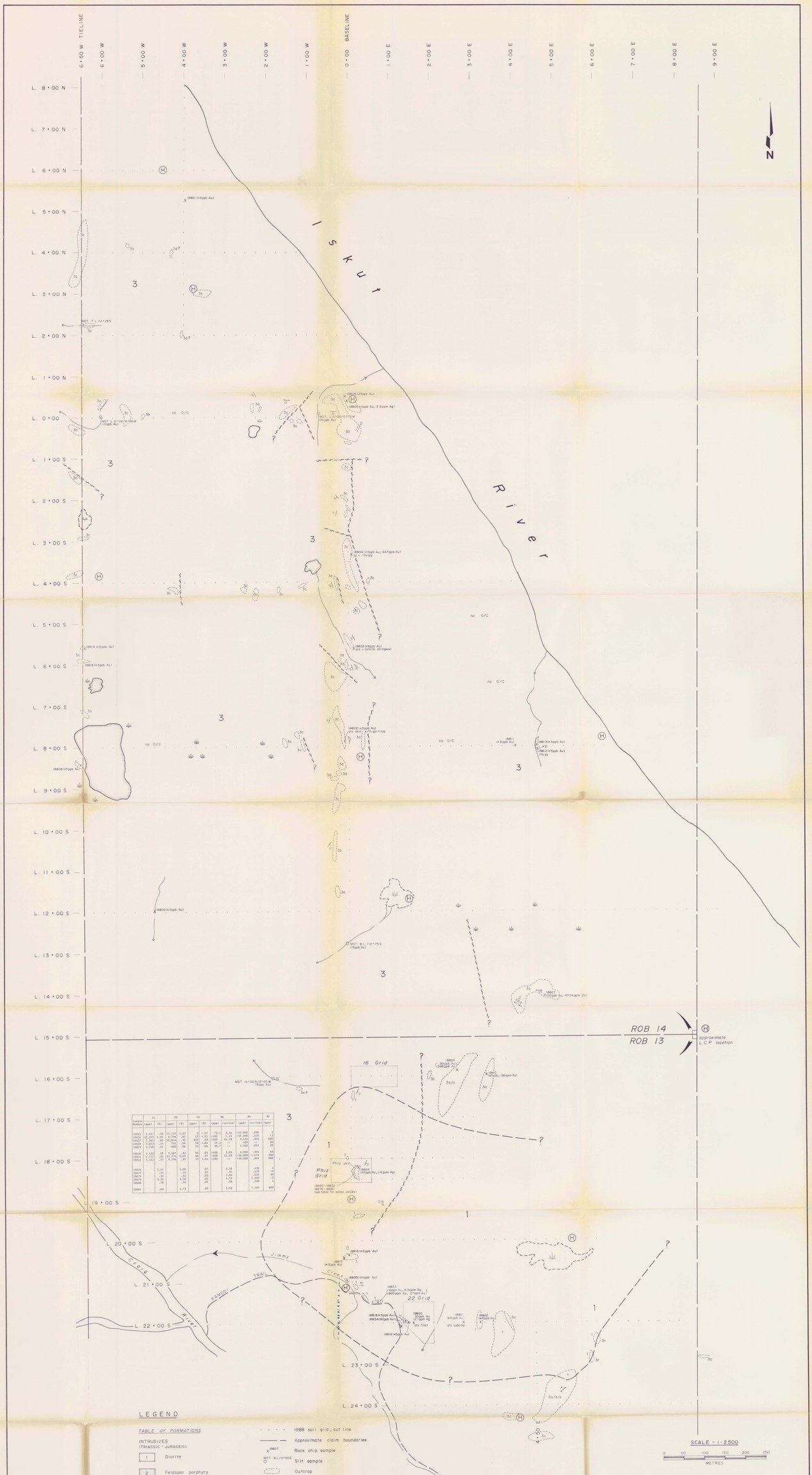
LIARD MINING DIVISION B.C.

PAMICON DEVELOPMENTS LTD.

Geologist:	NTS:	Date:	FIGURE:
L. Scroggins	104 B/11	Jan. 1989	33


F
F'
243°/063°
M88 - 13
Elev: 150.3m
Dip: 45°
Az: 243°
Casing
140m
120m
100m
80m
60m
136.9m
LEGEND ~
INTRUSIVE
1 - Diorite
2 - Monzonite
META-VOLCANICS/SEDIMENTS
3 - Amphibolite
3a Porphyritic amphibolite
4 - Andesite
5 - Argillite
5a Black-graphitic argillite
ALTERATION
i - ankerite veins abundant
ii - argillic alteration
iii - silicification
iv - hornfels
ss - fault
26/1.30/0.40/0.75/0.20 - Sample interval, Au(oz/t)/Ag(oz/t)/Cu(%)/Pb(%) Zn(%)
- Quartz vein (inferred)
ASSESSMENT REPORT
18,512
4 2 0 4 6 8m
Scale 1:200
CREST RESOURCE LTD./
MAGENTA DEVELOPMENT CORP.
PHIZ PROJECT
ROB 13 and 14 CLAIMS
SECTION F - F'
M88 - 13
LIARD MINING DIVISION, British Columbia
PAMICON DEVELOPMENTS LTD.
Geologist: L. Scroggins
NTS: 104B/11
Date: Jan 1989
FIGURE: 35


G
G'
226° / 046°
60m
40m
20m
0
-20m
-40m
M88-15
Elev: 59.4m
Dip: -45°
Proj: On line
Az: 226°
M88-14
Elev: 52.1m
Dip: 45°
Proj: On line
Az: 226°
Casing
EOH 94.2m
M88-15
152.1m
LEGEND~
INTRUSIVE
1 - Diorite
2 - Monzonite
META-VOLCANICS/SEDIMENTS
3 - Amphibolite
3a Porphyritic amphibolite
4 - Andesite
5 - Argillite
5a Black graphitic argillite
ALTERATION
i - ankerite veins abundant
ii - argillic alteration
iii - silicification
iv - hornfels
SS - fault
16/130/0.40/0.78/0.20 Sample interval, Au(oz/t)/Ag(oz/t)/Cu(%)/Pb(%)Zn(%)
GEOLOGICAL BRANCH
ASSESSMENT REPORT
18,512
Scale 1:200
CREST RESOURCE LTD./
MAGENTA DEVELOPMENT CORP.
PHIZ PROJECT
ROB 13 and 14 CLAIMS
SECTION G - G'
M88 - 14, 15
LIARD MINING DIVISION, British Columbia
PAMICON DEVELOPMENTS LTD.
Geologist: L. Scroggins
NTS: 104 B/11
Date: Jan, 1989
FIGURE: 36



Sample Number	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	Ag (ppb)	Ag (oz/ton)	Au (ppb)	Au (oz/ton)	Au (ppm)
18921	2,347	.28	13,731	1.29	7	<.01	72.3	2.24	100,000	.668	3
18926	2,347	.28	13,731	1.29	13	<.01	72.3	2.24	>100,000	.668	>3
18927	7,261	.82	18,054	.93	821	.09	>100	26.78	9,430	.304	400
18928	3,843	.34	791	.06	55	<.01	25.2	—	420	—	20
18929	4,740	.51	600	.05	55	.06	29.2	—	1,990	.063	2
18930	1,532	.18	3,687	.32	84	.01	>100	3.89	6,000	.204	60
18931	1,777	.22	15,775	4.48	84	.07	>100	11.39	>10,000	.343	600
18932	1,312	.17	5,795	.90	33	<.01	>100	—	>10,000	.343	600
18974	1,15		1,20		.01		2.32		450		4
18975	.43		.15		.01		.32		.038		<2
18976	.93		.15		.02		2.20		.064		30
18979	2,36		4,16		.22		4.93		1,200		<2
18980	.58		.16		.01		.98		.160		4
18981	.64		6,73		.05		5.82		1,185		600

105,512

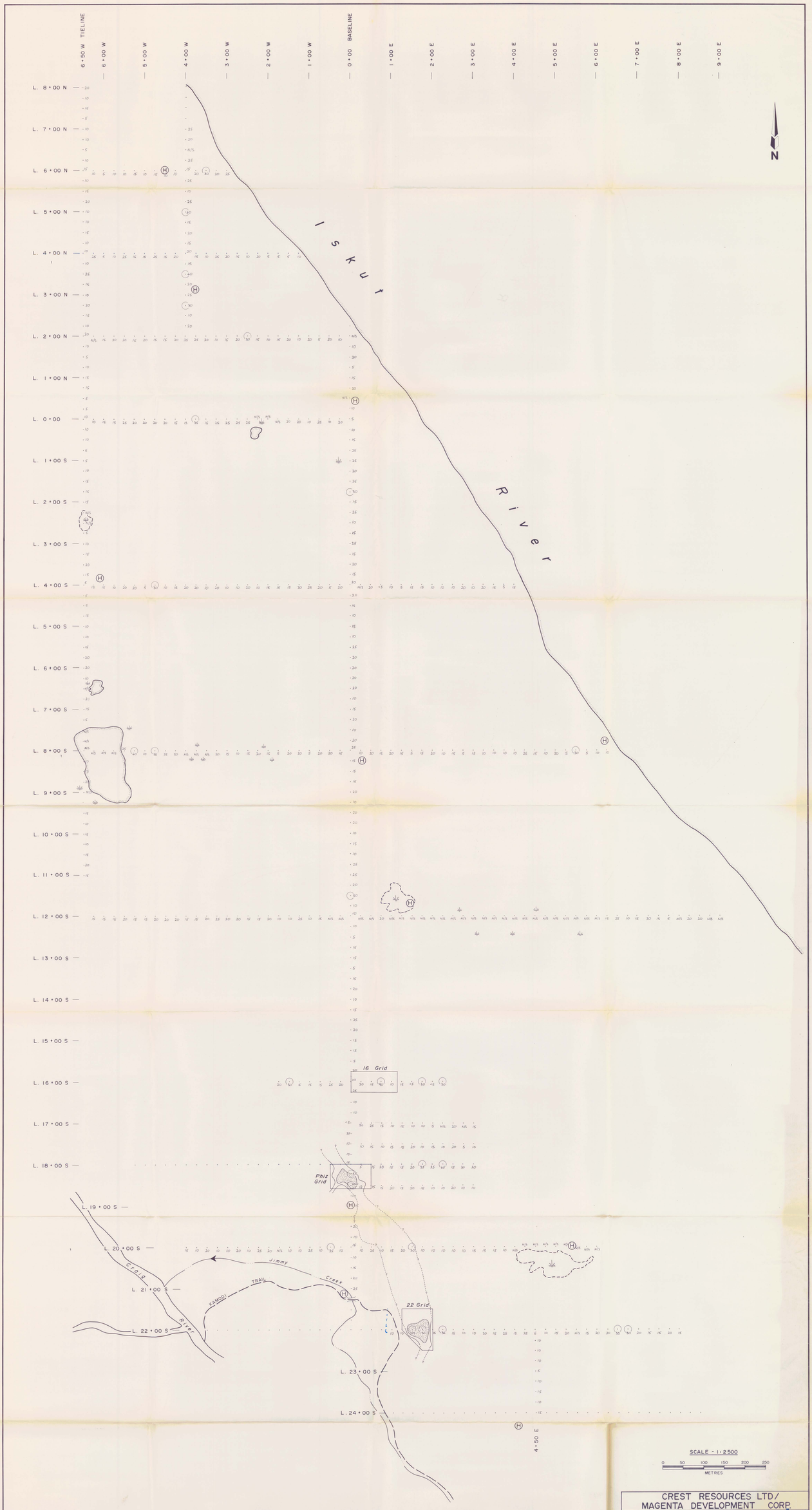
CREST RESOURCES LTD/
MAGENTA DEVELOPMENT CORP.

PHIZ PROJECT

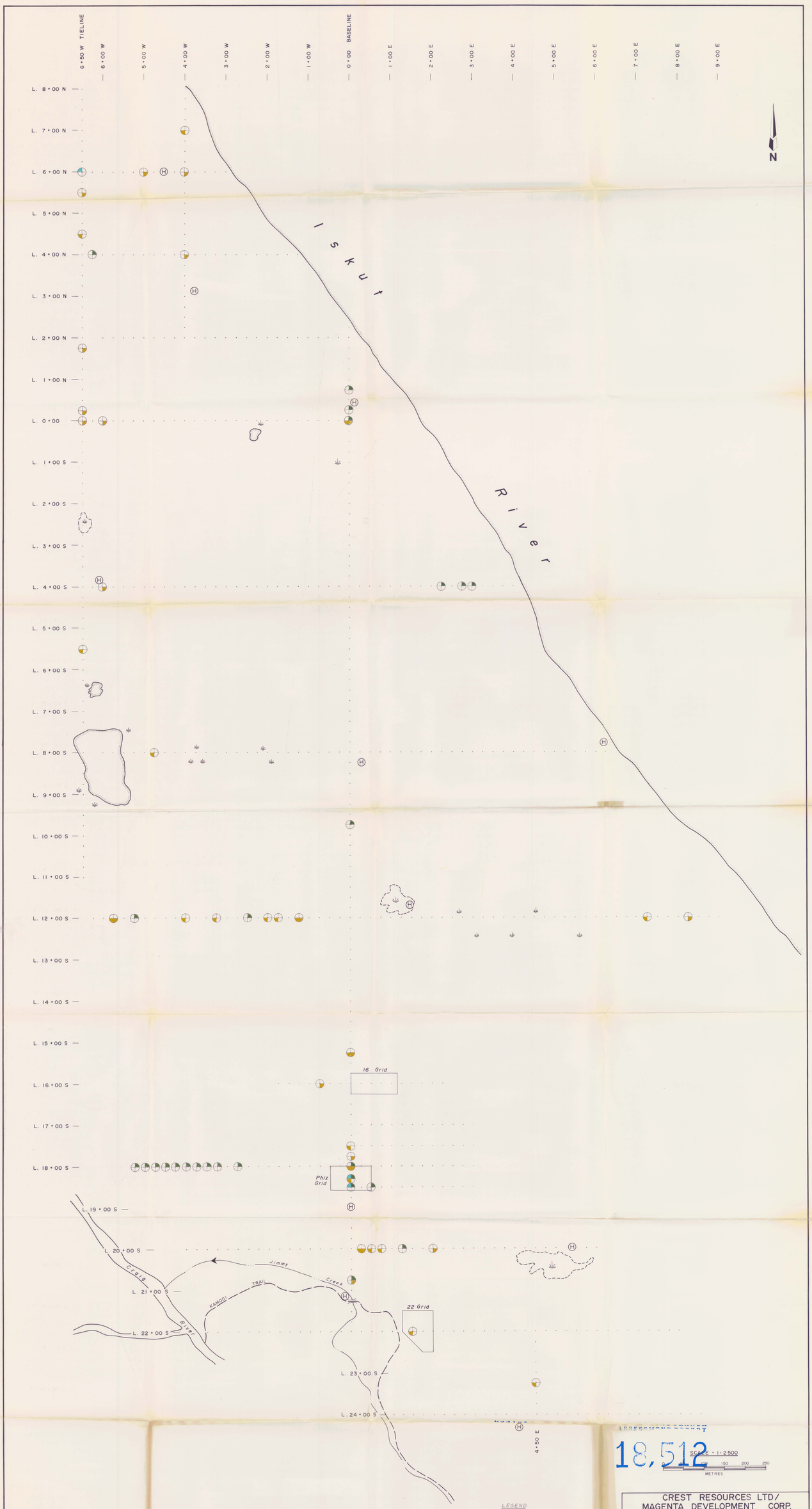
GEOLOGY & ROCK CHIP
LOCATION MAP

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	Figure
Liz Scroggins	104 B/10W	Feb. 1989	5



6+50 W TIELINE
6+00 W
5+00 W
4+00 W
3+00 W
2+00 W
1+00 W
0+00 BASELINE
1+00 E
2+00 E
3+00 E
4+00 E
5+00 E
6+00 E
7+00 E
8+00 E
9+00 E
L. 8+00 N
L. 7+00 N
L. 6+00 N
L. 5+00 N
L. 4+00 N
L. 3+00 N
L. 2+00 N
L. 1+00 N
L. 0+00
L. 1+00 S
L. 2+00 S
L. 3+00 S
L. 4+00 S
L. 5+00 S
L. 6+00 S
L. 7+00 S
L. 8+00 S
L. 9+00 S
L. 10+00 S
L. 11+00 S
L. 12+00 S
L. 13+00 S
L. 14+00 S
L. 15+00 S
L. 16+00 S
L. 17+00 S
L. 18+00 S
L. 19+00 S
L. 20+00 S
L. 21+00 S
L. 22+00 S
L. 23+00 S
L. 24+00 S
4+50 E
N
Iskut River
16 Grid
Phiz Grid
22 Grid
Craig River
Jimmy Creek
KAMODI TRAIL
SCALE - 1:2500
0 50 100 150 200 250
METRES
LEGEND
no sample
above threshold (28ppb)
lake
swamp
helicopter pad
creek
trail
outline of possible gold geochemical trend; inferred
CREST RESOURCES LTD/
MAGENTA DEVELOPMENT CORP.
PHIZ PROJECT
SOIL GEOCHEMISTRY
Au (ppb)
PAMICON DEVELOPMENTS LTD.
Geologist
Liz Scroggins
N.T.S.
104 B/10W
Date
Feb. 1989
Figure
7



CREST RESOURCES LTD/
MAGENTA DEVELOPMENT CORP.

PHIZ PROJECT

GEOCHEMICAL COMPILATION MAP
Cu(ppm); Pb(ppm); Zn(ppm); Ag(ppm)

PAMICON DEVELOPMENTS LTD.

Geologist	N.T.S.	Date	Figure
Liz Scroggins	104 B/10W	Feb. 1989	8