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DESCRIPTION OF SECURITIES OFFERED

The securities offered by this Prospectus consist of common shares without par value.

The Issuer has only one kind and class of share. All of the Issuer's shares rank equally as to dividends, voting power and participation in assets as well as in all other respects. The shares presently issued are not subject to any call or assessment.

THE BUSINESS

The Issuer is a natural resource company engaged in the acquisition exploration and development of natural resource properties. The Issuer's present activities are the exploration and development of the Issuer's natural resource properties in British Columbia. The Issuer has an interest in those properties described under the heading "Property" on page 7. The Issuer was incorporated on May 12, 1987 and has no prior operating history.

THE PROPERTY

1. Old Timer Mineral Claims

By agreement dated as at June 19, 1987 (the "Agreement") the Issuer has been granted an option to acquire legal and beneficial ownership to the following mineral claim located in the Nelson Mining Division of British Columbia:

<u>Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Expiry Date</u>
Old Timer	4662	12	May 22, 1989

The registered owner of the claim is Louis Mikulic. In order to exercise the option and acquire title to the mineral claim the Agreement specifies that the Issuer must pay to Mikulic the sum of \$25,000 (already paid) and issue a total of 150,000 shares on the following basis:

- a) 50,000 shares upon the Issuer's shares becoming posted and called for trading on the Vancouver Stock Exchange;
- b) 50,000 shares upon completion of a phase 1 exploration program on the claim and the Issuer receiving a recommendation to proceed with a phase 2 exploration program which is acceptable to the Vancouver Stock Exchange; and
- c) 50,000 shares upon completion of a phase 2 program of exploration on the claim.

The Mineral Claim is without a known body of ore and the program of exploration which the Issuer intends to undertake is an exploratory search for ore.

THE FOLLOWING IS A BRIEF SUMMARY OF THE OLD TIMER MINERAL CLAIM. THIS SUMMARY IS BASED UPON AN ENGINEERING REPORT PREPARED FOR THE ISSUER BY MICHAEL MAGRUM, P. ENG., AND DATED SEPTEMBER 30, 1987. ALL SUBSCRIBERS ARE URGED TO READ THIS ENGINEERING REPORT, A COPY OF WHICH IS CONTAINED IN THIS PROSPECTUS.

### Location and Access

The Old Timer mineral claim consists of 12 claim units located in the Nelson Range of the Selkirk Mountains approximately 8 kilometers northeast of the town of Ymir, British Columbia which is 30 kilometers south of the City of Nelson along Highway No. 6. Access to the claim is via Highway 6 to Clearwater Creek and from there by a 4 x 4 track along Clearwater Creek for a distance of approximately 8 kilometers to the northwest corner of the claim.

### Regional History

Previous exploration of the Old Timer claim in the early 1900's identified a gold bearing quartz vein localized within a shear zone which was tested by a short drift and several trenches (now caved in). With the exception of limited surface work conducted between 1981 and 1983 no systematic exploration program is known to have been carried out on the claim. In July, August and September, 1987 the Issuer carried out an exploration program on the claim consisting of rehabilitation and upgrading the access road; geological mapping, blasting and backhoe trenching in an area of known gold mineralization and geochemical/geophysical surveys. The cost to the Issuer of this exploration was \$65,295. There is no underground or surface plant or equipment on the Old Timer mineral claim.

### Geology

The claim lies in an area termed the Kootenay Arc, a belt of highly deformed sedimentary and volcanic rock extending from the Revelstoke area southwards along Kootenay Lake and then southwest into the United States. The claim straddles a north trending contact zone between metasediments belonging to the Ymir Group and Cretaceous Aged granitic and dioritic intrusives of the Nelson Plutonic Series. The Ymir Group sediments comprise north-northeast to northwest striking, completely folded, metamorphosed argillaceous quartzites and phyllites.

According to Meyer (1985) this environment is favourable for the localization of sulfide enriched, quartz filled fissure veins containing significant gold values. The most enriched and persistent ore shoots found in the Ymir area are within veins having a northeast/southwest strike and steep northerly dips.

## Exploration Program and Recommendations

Michael Magrum, P. Eng., in his report to the Issuer dated September 30, 1987, has recommended a further exploration program for the Old Timer Mineral Claim, as follows:

Engineering/Supervision/Reports	\$15,000
Geophysical surveys (allow 10 line Km @ \$500)	5,000
Trenching, Blasting and Drill Site Preparation	20,000
Diamond Drilling (allow 500 meters @ \$120/meter)	60,000
Contingency (20%)	<u>20,000</u>
	<u>\$120,000</u>

In his report to the Issuer, Magrum states that the aforesaid stage of exploration will provide for geophysical surveys to identify trenching targets within the "East" zone of the claim and also provide for a series of short diamond drill holes to test the "West" zone of the claim.

## RISK FACTORS

Directors and Officers of the Issuer are also directors and officers of other companies listed on the Vancouver Stock Exchange and therefore a conflict of interest may have arisen by virtue of the mineral claim (for which funds are being raised pursuant to this Prospectus) being offered to the Issuer as opposed to such other companies (see also "Conflicts of Interest" herein).

The Issuer is in a start-up situation and therefore, as is the case with most new businesses, faces numerous risks.

None of the Issuer's properties contain a known body of commercial ore and the proposed exploration programs are an exploratory search for ore. There is no guarantee that the funds to be expended on these programs will result in the discovery of commercially recoverable ore.

Mineral exploration and development is inherently speculative and carries with it many risks that even the most careful evaluation and management cannot overcome. If production is obtained prices received are subject to market fluctuations.

Mining operations generally involve a high degree of risk. Hazards such as unusual or unexpected formations and other conditions are involved. The Issuer may become subject to liability for pollution, cave-ins or hazards against which it cannot insure or against which it may elect not to insure. The payment of such liabilities may have a materially adverse effect on the Issuer's financial position.

17160 ? YES

**P.M. EXPLORATIONS LTD.**

**SUMMARY REPORT  
AND  
PROPOSED EXPLORATION PROGRAM**

**OLD TIMER CLAIM GROUP  
NELSON MINING DIVISION  
SOUTHEASTERN BRITISH COLUMBIA**

**Latitude = 117° 08'W  
Longitude = 49° 20'N  
NTS = 82F6W**

**Mineral Claims  
Old Timer, Record No.4662**

**Owner/Operator: Golden Glory Resources Ltd.**

**Reported By: M. Magrum, P.Eng.  
and  
C. von Einsiedel, BSc.**

**Submitted: September 30, 1987**

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**TERMS OF REFERENCE**  
**AND**  
**INTRODUCTION**

## TERMS OF REFERENCE

Pursuant to an agreement dated June 19, 1987, Golden Glory Resources Ltd. acquired an option to earn a 100% interest in twelve mineral claim units (Old Timer Claim Group) situated in the Ymir Gold Camp near Nelson in southeastern, British Columbia.

Historically, the Ymir Camp is noted for medium tonnage gold deposits typically localized at or near contacts between intrusive and sedimentary rocks. The property is of interest because it covers several gold occurrences localized in a complex contact zone which have not been systematically explored.

On the basis of this information Golden Glory Resources commissioned P.M. Explorations Ltd. to conduct an evaluation of the project and if warranted make recommendations for further exploration.

## INTRODUCTION

During July, August and September 1987, P.M. Explorations carried out an exploration program consisting of rehabilitation and upgrading of the access road; geological mapping; blasting and back-hoe trenching in the area of known gold mineralization; and, geochemical and geophysical surveys. The total cost of this program was \$65,295.

This report describes the results of these surveys and outlines a two stage program of continued exploration.



**SUMMARY**  
**&**  
**RECOMMENDATIONS**

## SUMMARY

The Old Timer Claim Group consists of one located mineral claim comprising twelve claim units covering an area approximately 2 kilometers long and 1.5 kilometers wide on the south side of Clearwater Creek. The claims are situated in the north western part of the Ymir Gold Camp and straddle a complex contact zone between granodiorite of the Nelson Plutonic Series and Ymir Group Metasediments.

According to Meyer (1985), mineralization within the Ymir Camp consists of sulphide enriched, quartz filled fissure veins coincident with late stage activity of the Nelson Plutonic Series. The most enriched and persistent ore shoots are within veins having northeast/southwest and east/west strikes and steep northerly dips. These veins which contain auriferous pyrite, galena and sphalerite and crosscut sedimentary formations are characteristic in the Ymir, Yankee Girl, Dundee, Fern and Wilcox mines.

Previous exploration of the Old Timer claim area (circa 1900-1928) identified a northeast trending vein localized within a shear zone which roughly parallels the contact between highly metamorphosed Pend d'Oreille Shists to the east and Nelson Series Granodiorites to the west. Published Ministry of Mines Annual Reports document sampling of a short adit and shaft, now caved, which returned grades ranging from 0.26 to 2.7 oz/gold.

With the exception of limited surficial work conducted between 1981 and 1983 no systematic exploration program is known to have been carried out on the property.

The objectives of the present exploration program were to evaluate known mineralization and to assess the potential for the discovery of additional mineralized veins.

At the time of the initial property visit the surface expression of the Old Timer Vein (now referred to as the "West" zone) consisted of a 100 meter long stripped area containing abundant limonite stained quartz and decomposed shistose material. Sampling of this material returned extremely erratic gold values ranging from trace to 2.78 oz/t gold.

To evaluate this zone blasting and backhoe trenching was carried out at roughly 25 meter intervals to provide fresh material for sampling purposes. Mapping and sampling of these trenches shows that the "vein" consists of a 2.0 to 3.0 meter wide shear zone containing irregular masses of quartz and gouge material mineralized with pyrite and minor lead, zinc and copper sulphides. Channel sampling across 2.0 meter widths returned grades of between 0.066 and .605 oz/t gold, 0.2 and 1.1 oz/t silver and combined lead/zinc contents of between 0.4 and 1.1 %. The focus of Phase 1 exploration will be to drill test the down dip extension of this mineralization.

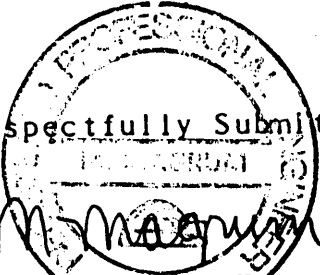
To determine if parallel vein structures exist a detailed soil geochemical survey was conducted over the "West" zone and surrounding areas (500 meters long and 400 meters wide). A total of 485 samples were collected at 12.5 meter intervals on 25 meter spaced lines. Results established that the "west" zone exhibits a geochemical signature which consists of elevated but erratic gold, silver, lead and zinc values.

Of particular interest is a northeast trending anomalous zone located roughly 150 meters east of the "West" zone. This area (termed the "East" zone) exhibits a distinct silver enrichment and contains scattered anomalous gold, zinc and lead values. The "East" zone is interpreted as a possible parallel mineralized structure and will be further evaluated by trenching during Phase 1 Exploration.

As part of the present program an orientation geophysical survey was carried out using a Scintrex Model IGS-2 magnetometer and VLF-EM Receiver. Several profile lines were surveyed across both the "West" and "East" zones.


VLF-EM data clearly indicates that conductivity anomalies are associated with these zones. It is recommended that a complete survey be made prior to selection of trenching and drilling targets.

Respectfully Submitted,



M. Magrath  
M. Magrath, V.P. Eng.  
Consulting Engineer

The seal is circular with the text "PROFESSIONAL ENGINEER" around the top and "MAGRATH" in the center. A signature is written across the seal.



C. von Einsiedel, BSc.  
Consulting Geologist

The signature is a stylized cursive "C. E." followed by a horizontal line.

**SECTION 1**  
**PROPOSED EXPLORATION**  
**PROGRAM**

## 1.1 Exploration Targets

Exploration to date has established that the Old Timer Claims cover a gold bearing vein structure similar to veins developed at the major past producing mines of the Ymir Camp.

Sampling by previous operators returned erratic gold values ranging from nil to over 2.0 ounces per ton, however, this variability is attributed to the extremely weathered condition of bedrock exposure.

As part of the present program, blasting and backhoe trenching was carried out at intervals along the vein. Sampling of fresh material returned grades of up to 0.605 oz./ton gold across widths of over 1.0 meter.

Geochemical surveys identified a northeast striking anomaly termed the "East" zone which may represent a parallel mineralized structure.

On the basis of these results it is recommended that additional exploration be carried out. Of primary interest is the "West" zone which must be drill tested to determine if economic mineralization is present. Additional backhoe or cat trenching is warranted to identify the source of elevated geochemical values within the "East" zone.

## 1.2 Cost Estimate

### Phase 1

This stage of exploration provides for geophysical surveys to identify trenching targets within the "East" zone and also provides for a series of short diamond drill holes to test the "West" zone. The estimated cost of this work is \$120,000 allocated as follows:

Engineering/Supervision/Reports	\$ 15,000
Geophysical Surveys	
-allow 10 line km @ \$500	5,000
Trenching, Blasting and Drill Site Preparation	20,000
Diamond Drilling	
-allow 500 meters @ \$120/meter inclusive	60,000
Contingency @ 20%	<u>20,000</u>
Total	\$120,000

Phase 2

This stage of exploration is designed as a follow-up program and should consist of approximately 1,000 meters of diamond drilling. Targets will be determined based on the results of Phase 1. The estimated cost of this stage is \$175,000 allocated as follows:

Engineering/Supervision/Reports	\$ 15,000
Mobilization and Drill Site Preparation	10,000
Diamond Drilling	
-allow 1,000 meters @ \$120/meter	120,000
Contingency @ 20%	<u>30,000</u>
Total	\$175,000

On completion of Phase 1 and 2 the project will have to be re-evaluated. If a significant mineralized zone is encountered provision should be made for an additional 5,000 meters of diamond drilling.

**SECTION 2**  
**GENERAL**



## 2.1 Property Location, Access, Ownership

The Old Timer Claim group is located in the Nelson Range of the Selkirk Mountains approximately 8 kilometers northeast of the town of Ymir, which is 30 kilometers south of the city of Nelson (Highway No. 6). The property is in the Nelson Mining Division recorded on Mineral Title Reference Map No. 82F6E.

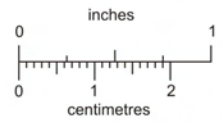
The claims cover the southern slope of Clearwater Creek Valley (elevation 4500') extending south to a ridge top at an elevation of 6500'. Access to the property is via Highway 6 from Nelson or Ymir to Clearwater Creek. From here a 4x4 track traverses Clearwater Creek a distance of roughly 8 kilometers to the northwestern corner of the property. At this point Clearwater Creek branches into easterly and southeasterly forks both of which are followed by 4x4 tracks.

Access to the "West" zone is via a steep track along the southeast fork of Clearwater Creek a distance of roughly 3 kilometers. As part of the present exploration program this section was upgraded and should be traversable during the 1988 field season with minimal expenditure.

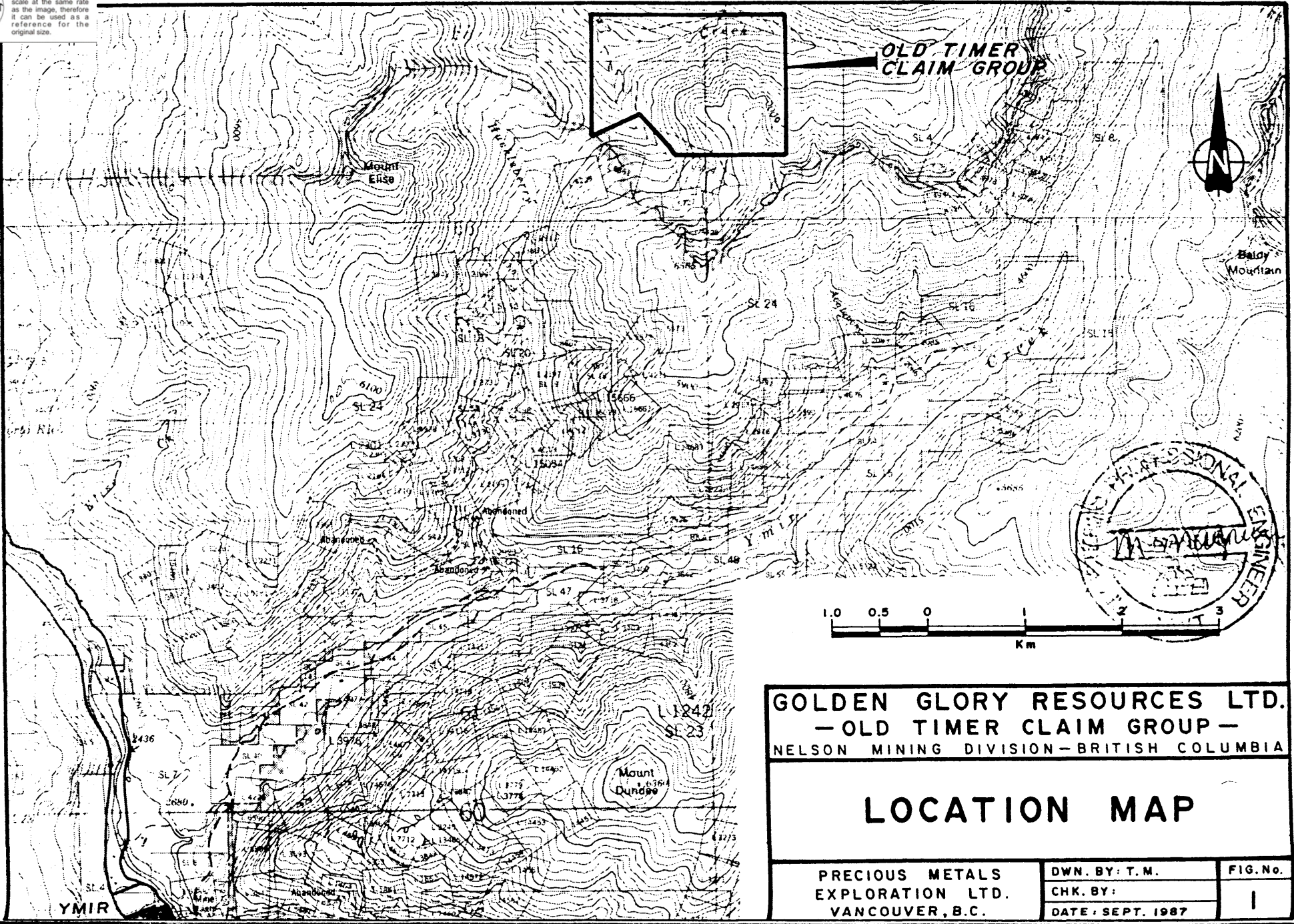
The topography of most of the claim area is steep and rugged however the area of interest is situated on a relatively flat plateau in the south central part of the claim at an elevation of approximately 6,000'.

Title is recorded as follows:

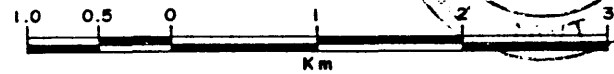
<u>Claim Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Expiry Date</u>	<u>Ownership</u>
Old Timer	4662	12	May 22, 1989	L. Mikuluc



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**OLD TIMER CLAIM GROUP**



**GOLDEN GLORY RESOURCES LTD.**  
**— OLD TIMER CLAIM GROUP —**  
 NELSON MINING DIVISION — BRITISH COLUMBIA

**LOCATION MAP**

PRECIOUS METALS  
 EXPLORATION LTD.  
 VANCOUVER, B.C.

DWN. BY: T.M.  
 CHK. BY:  
 DATE: SEPT. 1987

FIG. No.  
 1

YMIR



## 2.2 Regional Geology and Exploration Model (please refer to figure no.s 3 and 4)

The project area is situated structurally within the Kootenay Arc, a belt of highly deformed sedimentary and volcanic rock extending from the Revelstoke area southwards along Kootenay Lake and then southwest into the United States. This miogeosynclinal suite of rocks is locally intruded by acidic phases of the Nelson Plutonic Series.

Regional mapping by the Geological Survey of Canada shows that the Old Timer Claim Group straddles a north trending contact zone between Triassic and earlier aged metasediments belonging to the Ymir Group and Cretaceous Aged granitic and dioritic intrusives of the Nelson Plutonic Series. The Ymir Group sediments comprise north-northeast to northwest striking, complexly folded, metamorphosed argillaceous quartzites and phyllites. Intrusive rocks are coarse grained, non-foliated and dioritic in composition.

More detailed mapping (1:2,500 scale) carried out during the present survey shows that the contact zone is complex, having at least one and possibly several narrow tongues of intrusive rocks extending east from the main contact (located several hundred meters west of the "West" zone) into the Ymir Group sediments. Faulting within the claim area occurs along two principal directions, northerly and north-easterly, the latter being the most important with regard to mineral deposition.

According to Meyer (1985), the most important deposit type in the Ymir Camp are northeast-southwest striking quartz veins variably mineralized with auriferous pyrite, galena, sphalerite and chalcopyrite which occur at or adjacent to intrusive contacts. At the former Yankee Girl, Dundee and Ymir Mines, a total of over 700,000 tons of ore was produced averaging more than 0.30 oz/ton gold. These veins are typically 2 - 5 feet (0.60 to 1.30 meters) in width (locally up to 12 feet (3.50 meters) in ore bearing sections) and dip steeply north. At the Yankee Girl Mine, a continuous ore shoot was mined over a vertical range of over 1,000 feet





(330 meters) and a horizontal range of approximately 400 feet (125 meters).

Drysdale (1917), reports the formation of "L" and "T" shaped mineralized zones up to 5 meters in width where veins abut sediment - granite contacts. Considering the high grade nature of local mineralization such occurrences represent a target with significant tonnage potential.

### **2.3 Description of Mineral Occurrences** (please refer to figure no.4)

The "West" zone (formerly known as the Old Timer Vein) was first identified by prospectors near the turn of the century. According to published B.C. Department of Mines a short shaft and adit were driven on an irregular, northeast striking vein, 4.5 feet wide (1.20 meters) sparsely mineralized with pyrite, galena and sphalerite. Sampling of the vein by the regional geologist in 1917 returned grades ranging from 0.10 to over 2.0 oz/ton gold. More recently, Winston Resources (1981 - 83), carried out limited surficial work including stripping along the projected strike extent of the vein. This work traced the vein a distance of roughly 100 meters and covered any trace of the former underground workings.

As part of the current program, a series of 2.5 to 5.0 meter deep trenches were made by blasting and backhoe trenching at roughly 25 meter intervals along the vein. Detailed mapping of these trenches shows that mineralization is localized along a 2.0 to 3.0 meter wide fault zone principally developed within sediments however at the northeast end of the stripped area intrusive rocks are exposed along the western edge of the fault.

The fault structure consists of: a footwall gouge zone containing sparse quartz stringers; an intermediate fractured zone showing extensive limonitic staining and containing more abundant quartz stringers sparsely mineralized with pyrite; and, a hangingwall zone containing irregular masses and stringers of quartz in places well mineralized with pyrite and base metal sulfides.

To evaluate this zone a total of 33 grab and channel samples were collected and assayed for gold and a suite of 28 major and trace elements. Rock sample locations are shown in figure no.3 with assay results attached as Appendix 1.

Sampling clearly indicates that the "West" zone hosts significant mineralization. All grab samples show significant gold content including some results of over 1.0 oz/ton. Channel sampling at Station 9.0 returned a grade of 0.605 oz/ton gold across a 1.5 meter width (hanging wall zone); sampling at Station 34 returned a grade of 0.268 oz/ton gold across a width of 1.0 meters; and, sampling at Station 53 returned a weighted average across a 2.0 meter width of 0.308 oz/ton gold. Samples collected from altered wallrocks (intermediate fractured zone and footwall zone) returned gold contents of between 0.015 and 0.102 oz/ton.

Trenching along the projected strike extension of the vein to the northeast uncovered a fault zone containing sparse quartz stringers samples of which returned low but anomalous gold contents.

In summary the "West" zone has been traced over a strike length of approximately 125 meters. Significant mineralization is developed over a strike length of at least 50 meters and it is concluded that this zone warrants additional exploration. The principal objective of Phase I Exploration will be to drill test the down dip extent of this mineralization.

**SECTION - 3**  
**GEOCHEMICAL AND GEOPHYSICAL**  
**SURVEYS**



### **3.1 Geochemical Survey Description and Results** (please refer to figure no.s 5,6,7 and 8)

As part of the present exploration program a detailed geochemical survey was carried out in the area of known gold mineralization ("West" zone).

The objectives of this survey were as follows:

- (i) To identify the geochemical signature of known gold mineralization, and, based on this information,
- (ii) Evaluate the potential for discovery of parallel mineralized zones.

Topographically the survey area covers a gently sloping, overburden covered plateau rising to the south located in the south central part of the property. To the north, east and west slopes steepen considerably and rock exposure is abundant. A total of 485 samples were collected on 25 meter spaced lines covering an area roughly 500 meters long and 400 meters wide.

Overburden within the survey area is generally thin (1.0 to 3.0 meters) and appears to be locally derived. Samples were collected from a moderately well developed "B" horizon at depths of between 15 and 25 centimeters. In the southwestern part of the grid several small bogs and seepage areas are present. Samples from within this area were collected from a darker coloured (organic rich) horizon.

### **3.2 Survey Results** (please refer to figure no.s 5,6,7 and 8)

Inspection of soil geochemical data shows that the "West" zone is characterized by elevated but erratic gold, silver lead and zinc concentrations. It is important to note that this part of the survey area has undergone considerable stripping, a factor which may have resulted in displacement of vein material. Correspondingly, geochemical data may indicate a broader dispersion than is actually present.

Anomalous sites within the "West" zone exhibit precious and base metal concentrations as follows:

Gold: 20 to 600 ppb

Silver: 1.0 to 2.2 ppm

Lead: 50 to 1969 ppm

Zinc: 175 to 845 ppm (spot highs up to 3515 ppm within stripped area adjacent to vein)

Of particular interest with regard to possible parallel mineralized structures is a broad, northeast trending zone (termed the "East" zone) located parallel to and approximately 150 meters east of the "West" zone. This area exhibits low but anomalous gold values (up to 35 ppb); a distinct silver enrichment with values up to 2.2 ppm (Note: this is equivalent to the maximum recorded silver concentrations within the "West" zone); and, elevated zinc concentrations (values up to 393 ppm were recorded).

Although metal concentrations within the "East" zone are slightly lower than in the "West" zone there are several distinct geochemical similarities between the two areas. On the basis of these results it is concluded that the "East" zone may be the expression of a parallel mineralized structure. To evaluate this zone systematic backhoe trenching is warranted.

### **3.3 Geophysical Survey Description** (please refer to Appendix 3)

To assess the usefulness of VLF-EM and magnetic surveys as a prospecting tool an orientation survey was conducted along several profile lines in the central part of the geochemical grid.

Excessive diurnal magnetic variation during the survey period resulted in unreliable magnetometer data however, theoretically this method should be useful in delineating favourable sediment - granodiorite contact zones.

Inspection of VLF Profiles clearly shows that conductivity anomalies are associated with both the "West" zone and the geochemically anomalous area termed the "East" zone. VLF-EM data showing the inferred position of the "East" and "West" zones is attached as Appendix 3.

## BIBLIOGRAPHY

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Cockfield, W.E.; Lode Gold Deposits of the Ymir - Nelson Map Area. British Columbia Geological Survey Memoir No. 191.

Geological and Geochemical Report on the Tjader (Old Timer) Claim Group; Winston Resources Corporate Files; 1984

Geological Survey of Canada Map No. 1091A.

Meyer, B.H. (1985); Geochemical Report on the Fourth of July Mineral Property, Nelson Mining District, Goldrich Resources; Assessment Report No.14555.

APPENDIX - 1

**Rock Sample Descriptions and Geochemical Data**

## APPENDIX 1

## OLD TIMER PROJECT

## Rock Sample Descriptions

Sample I.D.	Gold oz./ton	Description
Location: Main Showing		
OTR-8.00	2.590	grab from decomposed surface exposure; smoky quartz with banded texture; minor fine grained pyrite, galena, sphalerite; heavy limonitic straining.
OTR-8.25	1.632	grab from same location as Sample: OTR-8.00.
OTR-8.50	0.454	grab from same location as Sample: OTR-8.00; smoky quartz with minor sulfides as narrow bands and fracture fillings; mainly pyrite.
TR-9.5	0.672	channel sample across 1.5 meters; same location as Sample: OTR-9.50.
TR-10.5	0.242	channel sample across 1.5 meters; gouge zone with fractured limonite stained quartz and pyrite; located 2 meters from sample: TR-9.5.
OTR-9.50	2.443	grab of vuggy, milky white quartz containing minor pyrite as fracture coatings, stringers.
OTR-12.00	1.635	channel sample across 1.5 meters; heavily stained, decomposed chlorite schist and irregular smoky quartz; minor pyrite, trace galena, sphalerite.
OTR-13.00A	0.038	grab sample from same material as Sample: OTR.12.00.
OTR-13.00B	0.125	channel sample across 1.0 meters; heavy limonitic staining, decomposed, fractured schist and smoky quartz, no visible sulfide.

Sample I.D.	Gold oz./ton	Description
OTR-15.00	0.022	grab sample from footwall of contact zone; decomposed schist and irregular masses of smoky quartz; nil visible sulfides.
OTR-16.00	0.042	channel sample across 1.5 meters from same location as OTR-15.00; material from this zone is fractured and shows many slickensided surfaces (possible fault rather than normal contact with intrusives); nil visible sulfides.
OTR-25.00	0.026	channel sample across 1.5 meters, contact zone, decomposed schist and quartz, abundant limonitic staining, gouge material; no visible sulfides.
OTR-34.00	1.064	grab sample of smoky quartz from contact zone; quartz contains bands and irregular stringers of pyrite, plus minor chalcopyrite, sphalerite.
OTR-47.00	0.090	grab sample of massive, white vuggy quartz; no visible sulfides.
OTR-68.0	0.022	grab sample of schist cut by quartz stringers (contact zone); minor pyrite, abundant (5%) galena, sphalerite.
OTR-105.00	0.098	grab sample of massive, coarsely crystalline quartz in contact zone; decomposed and heavily stained with limonite, hematite; no visible sulfides.
OTR-Adit Dump	0.604	grab sample from dump at portal of caved adit; vuggy, smoky quartz containing minor disseminated pyrite, galena and sphalerite.
OTR-Pit 1	0.068	grab sample from trench along strike extension; coarsely crystalline milky quartz; minor pyrite as fine bands (1mm wide); limonitic stain on fracture surfaces.
OTR-Pit 3	tr	grab sample of fractured, milky quartz and decomposed volcanics; abundant limonitic, manganese staining.
OTR-Pit 9	0.021	grab sample from overburden trench; barren looking, milky quartz; limonitic stain on fracture surfaces; no visible sulfides.



# VANGEOCHEM LAB LIMITED

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## ASSAY ANALYTICAL REPORT

=====

CLIENT: P.M. EXPLORATIONS LTD.  
ADDRESS: 210-470 W. Granville St.  
: Vancouver, B.C.  
: V6C 1V5

DATE: July 30 1987

REPORT#: 870828 AA  
JOB#: 870828

PROJECT#: OLD TIMER  
SAMPLES ARRIVED: July 24 1987  
REPORT COMPLETED: July 30 1987  
ANALYSED FOR: Au

INVOICE#: 870828 NA  
TOTAL SAMPLES: 18  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 18 ROCK

SAMPLES FROM: P.M. EXPLORATIONS LTD.  
COPY SENT TO: P.M. EXPLORATIONS LTD.

PREPARED FOR: P.M. EXPLORATIONS LTD.

ANALYSED BY: David Chiu

SIGNED: \_\_\_\_\_

Registered Provincial Assayer

GENERAL REMARK: None



Sample I.D.	Gold oz./ton	Description
OTR-53-1A	0.335	2 kg samples of fractured, limonitic stained quartz and chlorite schist (carbonate?)
-1B	0.280	" "
-1C	0.019	" "
-1D	0.102	" "
OTR-48-1A	0.026	" "
-1B	0.066	" "
OTR-40-1A	0.015	" "
-1B	0.015	" "
OTR-10-1A		" "
-1B		" "
-1C	0.006	" "
-1D	0.057	" "
-1E	0.605	" "
-1F	0.031	" "

Note: The number in each sample designation, ie. OTR 10 - 1A, refers to a numbered trench shown in figure 4. Samples A, B, C, etc. represent a series of 1.0 meter channels across the altered shear zone.



# 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: 870828 AA

JOB NUMBER: 870828

P.M. EXPLORATIONS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
OTR- 8.00	2.590
OTR- 8.25	1.632
OTR- 8.50 BANCED	.454
OTR- 9.50	2.443
OTR-12.00	1.635
OTR-13.00 A	.038
OTR-13.00 B	.125
OTR-15.00	.022
OTR-16.00	.042
OTR-25.00	.026
OTR-34.00	1.064
OTR-47.00	.090
OTR-68.00	.022
OTR-105 GRAB	.098
OTR-ADIT DUMP	.604
OT-PIT-1	.068
OT-PIT-3	<.005
OT-PIT-9	.021

## DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.00017

ppm = parts per million

< = less than

signed: \_\_\_\_\_

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

### ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: P.M. EXPLORATIONS  
 ATTENTION:  
 PROJECT: OLD TIMER

REPORT#: PA  
 JOB#: 870828  
 INVOICE#: NA

DATE RECEIVED: 87/7/24  
 DATE COMPLETED: 87/7/30  
 COPY SENT TO:

ANALYST *J. Lewis*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	NI PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM
QTR-8	>100	.06	926	103	2	146	.02	69.5	54	69	73	29.20	.01	.03	43	21	.01	24	.11	4488	ND	ND	9	ND	1	ND	ND	5510
QTR-8.25	>100	.10	943	58	3	161	.01	63.9	65	39	88	31.54	.01	.03	34	25	.01	17	.20	5025	ND	ND	7	ND	1	ND	ND	4870
QTR-8.5BANCED	>100	.12	1024	19	3	135	.01	55.6	82	47	92	32.87	.01	.04	53	28	.01	32	.19	4344	ND	ND	8	ND	1	ND	ND	3477
QTR-9.5	>100	.05	569	99	5	41	.01	12.5	6	22	46	7.64	.06	.01	34	17	.01	3	.05	2316	ND	ND	7	ND	ND	ND	816	
QTR-12	74.7	.15	389	61	6	124	.01	41.8	25	83	283	26.10	.01	.02	39	31	.01	7	.29	7126	ND	ND	13	ND	1	ND	ND	3955
QTR-13A	21.8	.09	24	4	5	22	.01	1.4	2	23	21	2.78	.07	.01	309	2	.01	1	.03	690	ND	ND	ND	ND	1	11	ND	204
QTR-13B	11.7	.40	95	5	30	24	.02	10.5	9	26	84	8.13	.11	.06	136	8	.01	4	.12	4937	ND	ND	4	ND	4	ND	ND	899
QTR-15	2.8	.26	59	ND	22	10	.01	2.6	2	87	40	5.88	.08	.02	74	6	.01	2	.05	1299	ND	ND	ND	ND	1	ND	ND	346
QTR-16	2.9	.23	156	ND	24	ND	.01	7.1	6	12	53	9.46	.10	.03	144	4	.01	5	.08	1793	ND	ND	5	ND	2	ND	ND	446
QTR-25	4.7	.51	37	ND	28	7	.01	19.1	30	122	43	5.04	.08	.05	1216	10	.01	5	.09	1884	ND	ND	ND	ND	6	ND	ND	1075
QTR-34	32.2	.28	29	34	26	141	.01	8.3	7	50	28	3.27	.12	.03	733	2	.01	2	.09	8595	ND	ND	6	ND	2	10	ND	368
QTR-47	21.0	.11	40	4	6	24	.01	1.0	1	130	25	1.75	.07	.01	101	6	.01	1	.07	6701	ND	ND	5	ND	1	8	ND	123
QTR-68	27.0	3.18	175	4	39	119	.09	95.7	81	47	77	18.72	.04	2.08	647	8	.01	111	.17	5699	ND	ND	10	ND	10	ND	ND	6088
QTR-105GRAB	1.2	.49	30	5	16	10	.01	10.2	2	77	108	17.06	.04	.06	149	14	.01	4	.19	5085	ND	ND	5	ND	3	ND	ND	1376
QTR-ADITDUMP	49.9	.30	105	24	24	11	.01	4.6	ND	38	141	3.88	.10	.02	54	4	.01	3	.07	6399	ND	ND	12	ND	2	ND	ND	630
OT-PIT-1	5.1	.18	75	4	17	4	.01	6.6	6	131	63	3.52	.08	.03	425	6	.01	7	.02	951	ND	ND	3	ND	2	4	ND	276
OT-PIT-3	.5	.73	20	ND	16	ND	.03	3.3	3	13	3	2.70	.07	.45	810	1	.01	4	.03	109	ND	ND	ND	ND	5	4	ND	187
OT-PIT-9	1.0	.30	25	ND	31	5	.01	1.2	6	139	23	2.78	.08	.04	220	7	.01	16	.02	146	ND	ND	ND	ND	2	5	ND	150
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



# VANGEOCHEM LAB LIMITED

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

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

## =====

### GEOCHEMICAL ANALYTICAL REPORT

## =====

CLIENT: P.M. EXPLORATIONS LTD.  
ADDRESS: 210 - 470 W. Granville St.  
: Vancouver, B.C.  
: V6C 1V5

DATE: Oct 01 1987

REPORT#: 871432 GA  
JOB#: 871432

PROJECT#: None given  
SAMPLES ARRIVED: Sept 29 1987  
REPORT COMPLETED: Sept 30 1987  
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 871432 NA  
TOTAL SAMPLES: 12  
SAMPLE TYPE: 12 Rock  
REJECTS: SAVED

SAMPLES FROM: P.M. EXPLORATIONS LTD.  
COPY SENT TO: P.M. EXPLORATIONS LTD.

PREPARED FOR: Mr. C. V. Einsiedel

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_

GENERAL REMARK: None



# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
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(604) 986-5211 TELEX: 04-352578

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

REPORT NUMBER: 871432 6A

JOB NUMBER: 871432

P.M. EXPLORATIONS LTD.

PAGE 1 OF 1

SAMPLE #	Au
	ppb
OTR 10-1C	200
OTR 10-1D	1610
OTR 10-1E	22280
OTR 10-1F	750
OTR 40-1A	510
OTR 40-1B	510
OTR 48-1A	890
OTR 48-1B	2050
OTR 53-1A	11480
OTR 53-1B	9600
OTR 53-1C	650
OTR 53-1D	3490

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGÉOCHEM LAB LIMITED

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

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

## ASSAY ANALYTICAL REPORT

=====

CLIENT: P.M. EXPLORATIONS LTD.  
ADDRESS: 210 - 470 W. Granville St.  
: Vancouver, B.C.  
: V6C 1V5

DATE: Oct 01 1987

REPORT#: 871432 AA  
JOB#: 871432

PROJECT#: None given  
SAMPLES ARRIVED: Sept 29 1987  
REPORT COMPLETED: Sept 30 1987  
ANALYSED FOR: Au

INVOICE#: 871432 NA  
TOTAL SAMPLES: 12  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 12 Rock

SAMPLES FROM: P.M. EXPLORATIONS LTD.  
COPY SENT TO: P.M. EXPLORATIONS LTD.

PREPARED FOR: Mr. C. V. Einsiedel

ANALYSED BY: David Chiu

SIGNED: \_\_\_\_\_

Registered Provincial Assayer

GENERAL REMARK: None



# 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: 871432 AA

JOB NUMBER: 871432

P.M. EXPLORATIONS LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
OTR 10-1C	.006
OTR 10-1D	.057
OTR 10-1E	.605
OTR 10-1F	.031
OTR 40-1A	.015
OTR 40-1B	.015
OTR 48-1A	.026
OTR 48-1B	.066
OTR 53-1A	.335
OTR 53-1B	.280
OTR 53-1C	.019
OTR 53-1D	.102

## DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: \_\_\_\_\_

## VANGEOCHEM LAB LIMITED

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

### ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: P.M.EXPLORATION  
 ATTENTION:  
 PROJECT:

REPORT#: 871432PA  
 JOB#: 871432  
 INVOICE#: 871432NA

DATE RECEIVED: 87/09/29  
 DATE COMPLETED: 87/10/02  
 COPY SENT TO:

ANALYST *W. Lewis*

PAGE 1 OF 1

SAMPLE NAME	AG PPH	AL %	AS PPH	AU PPH	BA PPH	BI PPH	CA %	CO PPH	CO PPH	CR PPH	CU PPH	FE %	K %	MG %	MN PPH	MO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SO PPH	SR PPH	SR PPH	U PPH	V PPH	ZN PPH
QTR 10-1A	4.6	.25	51	ND	545	ND	.02	.8	5	23	39	3.38	.07	.02	366	1	.12	7	.09	4288	ND	ND	11	1	12	4	ND	249
QTR 10-1B	4.9	.13	70	ND	59	3	.01	6.1	5	112	64	4.95	.07	.02	74	7	.22	7	.05	1609	ND	ND	9	ND	2	ND	ND	466
QTR 10-1C	36.2	.15	202	17	31	34	.01	7.3	3	125	212	7.39	.09	.02	44	16	.47	8	.14	4739	ND	ND	10	1	3	ND	3	1117
QTR 10-1D	2.8	3.34	83	ND	121	ND	.21	11.4	21	25	98	5.44	.11	.99	935	2	1.10	14	.21	7847	ND	ND	10	3	52	ND	ND	3180
QTR 10-1E	.6	1.65	16	ND	127	ND	.20	5.4	6	12	15	2.70	.10	.52	873	1	.13	5	.07	423	ND	ND	4	3	30	ND	4	318
QTR 10-1F	.6	.89	13	ND	65	ND	.07	14.9	6	46	26	3.09	.09	.20	1140	2	.19	13	.04	247	ND	ND	4	ND	12	ND	ND	477
QTR 40-1A	1.6	.61	38	ND	44	ND	.02	15.9	8	67	49	4.36	.09	.12	757	4	.29	7	.06	253	ND	ND	6	ND	16	4	ND	717
QTR 40-1B	2.7	.34	28	ND	43	3	.01	17.6	8	15	44	3.86	.09	.03	906	1	.29	3	.07	467	ND	ND	6	2	22	3	ND	733
QTR 40-1A	12.5	.87	45	10	24	8	.04	6.2	12	72	56	3.78	.07	.32	403	6	.46	11	.07	2693	ND	ND	9	1	9	ND	ND	1231
QTR 40-1B	13.5	.58	102	9	76	19	.02	16.0	5	34	132	11.63	.14	.04	145	10	.93	11	.19	4559	ND	ND	21	2	8	4	ND	2218
QTR 53-1A	3.0	.86	35	ND	77	4	.05	19.0	10	11	60	4.86	.09	.33	861	3	.59	6	.08	1633	ND	ND	9	1	11	ND	ND	1543
QTR 53-1B	5.7	.34	ND	ND	1909	14	.02	4.4	7	22	92	1.52	.04	.11	521	ND	.15	4	.02	631	ND	ND	ND	1	35	ND	ND	396
QTR 53-1C	2.7	.58	45	ND	70	ND	.03	6.7	7	23	34	5.12	.10	.09	285	1	.21	5	.08	215	ND	ND	7	ND	9	ND	ND	404
QTR 53-1D	6.2	.60	41	ND	72	ND	.02	5.7	8	36	44	4.52	.09	.08	641	3	.16	4	.08	1366	ND	ND	9	ND	13	ND	ND	313
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1





# VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 966-5211 TELEX: 04-352578

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

## ASSAY ANALYTICAL REPORT

=====

CLIENT: P.M. EXPLORATIONS  
ADDRESS: 210-470 W. Granville St.  
: Vancouver, B.C.  
: V6C 1V5

DATE: Sept 11 1987

REPORT#: 871258 AA  
JOB#: 871258

PROJECT#: OLD TIMER  
SAMPLES ARRIVED: Sept 04 1987  
REPORT COMPLETED: Sept 11 1987  
ANALYSED FOR: Au

INVOICE#: 871258 NA  
TOTAL SAMPLES: 6  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 6 Rock

SAMPLES FROM: P.M. EXPLORATIONS  
COPY SENT TO: P.M. EXPLORATIONS

PREPARED FOR: MR. CARL VONEINSIEDEL

ANALYSED BY: David Chiu

SIGNED: \_\_\_\_\_

Registered Provincial Assayer

GENERAL REMARK: None



# 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: 871258 AA

JOB NUMBER: 871258

P.N. EXPLORATIONS

PAGE 1 OF 1

SAMPLE #	Au oz/st
8+25N 10+25W Pit Grab	.020
8+50N 10+25W Grab Pit	.012
Dumas #1 High Adit	.738
OTR 34 m	.268
TR 9.5m	.672
TR 10.5 m	.242

### DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: \_\_\_\_\_

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S2 PH: (604) 986-5211 TELEX: 04-352578  
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604) 251-5656

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: P. M. EXPLORATIONS  
 ATTENTION:  
 PROJECT: OLD TIMER

REPORT#: 871258PA  
 JOB#: 871256  
 INVOICE#: 871258NA

DATE RECEIVED: 87/09/04  
 DATE COMPLETED: 87/09/23  
 COPY SENT TO: CARL VUNEINSIEDEL

ANALYST *W. P. Rous*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	Mn %	NA PPM	NO PPM	NI %	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	Zn PPM	
8+25N 10+25W 86	1.5	.13	15	ND	16	ND	.01	1.0	3	124	11	1.16	.04	.02	127	5	.45	18	.01	107	ND	ND	5	ND	1	ND	8	136
8+50N 10+25W 6P	1.0	.34	15	ND	43	ND	.03	1.5	8	121	73	2.16	.07	.05	583	6	.04	51	.02	36	ND	ND	6	ND	4	ND	3	102
2-AS41 HIADIT	1100	.04	544	17	6	12	.01	11000	7	42	59	6.71	.04	.01	46	16	13.28	17	.01	2277	ND	ND	185	1	11	ND	ND	22677
OTP 34N	8.8	.41	18	5	50	17	.02	35.1	2	16	24	3.95	.05	.05	1680	1	.38	4	.04	2459	ND	ND	8	ND	6	ND	ND	838
Y09.5N	1106	.45	286	16	19	25	.01	15.5	7	94	119	10.27	.08	.11	157	21	.69	5	.12	5116	ND	ND	15	ND	2	ND	ND	1202
TR10.5P	12.2	.27	113	7	21	25	.01	12.3	11	19	97	9.76	.09	.04	242	7	.64	5	.09	2055	ND	ND	11	ND	3	ND	ND	1147
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

**APPENDIX - 2**  
**Soil Geochemical Data**



# VANGEOCHEM LAB LIMITED

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

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

## GEOCHEMICAL ANALYTICAL REPORT

CLIENT: P.M. Exploration Ltd.  
ADDRESS: 210-470 W. Granville St.  
: Vancouver, B.C.  
: V6C 1V5

DATE: August 24 1987

REPORT#: 870827 GA  
JOB#: 870827

PROJECT#: None Given  
SAMPLES ARRIVED: July 24 1987  
REPORT COMPLETED: August 24 1987  
ANALYSED FOR: Au ICP

INVOICE#: 870827 NA  
TOTAL SAMPLES: 185  
SAMPLE TYPE: 185 soil  
REJECTS: DISCARDED

SAMPLES FROM: P.M. Exploration Ltd.  
COPY SENT TO: P.M. Exploration Ltd.

PREPARED FOR: P.M. Exploration Ltd.

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_  


GENERAL REMARK: None



# 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: 870827 GA

JOB NUMBER: 870827

P.M. Exploration Ltd.

PAGE 1 OF 5

SAMPLE #	Au
	ppb
L 9+50N 8+00.0W	nd
L 9+50N 8+12.5W	nd
L 9+50N 8+25.0W	5
L 9+50N 8+37.5W	10
L 9+50N 8+50.0W	15
L 9+50N 8+62.5W	5
L 9+50N 8+75.0W	nd
L 9+50N 8+87.5W	20
L 9+50N 9+00.0W	nd
L 9+50N 9+12.5W	20
L 9+50N 9+25.0W	10
L 9+50N 9+37.5W	10
L 9+50N 9+50.0W	10
L 9+50N 9+62.5W	5
L 9+50N 9+75.0W	55
L 9+50N 9+87.5W	15
L 9+50N 10+00.0W	5
L 9+50N 10+12.5W	20
L 9+50N 10+25.0W	5
L 9+50N 10+37.5W	5
L 9+50N 10+50.0W	nd
L 9+50N 10+62.5W	20
L 9+50N 10+75.0W	5
L 9+50N 10+87.5W	10
L 9+50N 11+00.0W	10
L 9+50N 11+12.5W	10
L 9+50N 11+25.0W	5
L 9+50N 11+37.5W	10
L 9+50N 11+50.0W	5
L 9+75N 8+00.0W	10
L 9+75N 8+12.5W	10
L 9+75N 8+25.0W	10
L 9+75N 8+37.5W	10
L 9+75N 8+50.0W	10
L 9+75N 8+62.5W	25
L 9+75N 8+75.0W	20
L 9+75N 8+87.5W	10
L 9+75N 9+00.0W	10
L 9+75N 9+12.5W	10

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 870827 GA

JOB NUMBER: 870827

P.N. Exploration Ltd.

PAGE 2 OF 5

SAMPLE #	Au
	ppb
L 9+75N 9+25.0W	nd
L 9+75N 9+37.5W	5
L 9+75N 9+50.0W	10
L 9+75N 9+62.5W	15
L 9+75N 9+75.0W	10
L 9+75N 9+87.5W	10
L 9+75N 10+00.0W	nd
L10+00N 8+00.0W	nd
L10+00N 8+12.5W	nd
L10+00N 8+25.0W	nd
L10+00N 8+37.5W	nd
L10+00N 8+50.0W	20
L10+00N 8+62.5W	10
L10+00N 8+75.0W	25
L10+00N 8+87.5W	10
L10+00N 9+00.0W	10
L10+00N 9+12.5W	10
L10+00N 9+25.0W	10
L10+00N 9+37.5W	10
L10+00N 9+50.0W	10
L10+00N 9+75.0W	240
L10+00N 9+87.5W	220
L10+00N 10+12.5W	10
L10+00N 10+25.0W	10
L10+00N 10+37.5W	10
L10+00N 10+50.0W	nd
L10+00N 10+62.5W	15
L10+00N 10+75.0W	10
L10+00N 10+87.5W	10
L10+00N 11+00.0W	20
L10+00N 11+12.5W	nd
L10+00N 11+25.0W	10
L10+00N 11+37.5W	nd
L10+00N 11+50.0W	10
L10+25N 8+00.0W	nd
L10+25N 8+12.5W	10
L10+25N 8+25.0W	5
L10+25N 8+37.5W	5
L10+25N 8+50.0W	5

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 870827 GA

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P.M. Exploration Ltd.

PAGE 3 OF 5

SAMPLE #	Au ppb
L10+25N 8+62.5W	nd
L10+25N 8+75.0W	nd
L10+25N 8+87.5W	nd
L10+25N 9+00.0W	10
L10+25N 9+12.5W	20
L10+25N 9+25.0W	nd
L10+25N 9+37.5W	10
L10+25N 9+50.0W	10
L10+25N 9+62.5W	15
L10+25N 9+75.0W	10
L10+25N 9+87.5W	20
L10+25N 10+00.0W	25
L10+25N 10+12.5W	15
L10+25N 10+25.0W	5
L10+25N 10+37.5W	20
L10+25N 10+50.0W	10
L10+25N 10+62.5W	20
L10+25N 10+75.0W	10
L10+25N 10+87.5W	10
L10+25N 11+00.0W	10
L10+25N 11+12.5W	nd
L10+25N 11+25.0W	5
L10+25N 11+37.5W	5
L10+25N 11+50.0W	5
L10+50N 8+00.0W	5
L10+50N 8+12.5W	10
L10+50N 8+25.0W	5
L10+50N 8+37.5W	10
L10+50N 8+50.0W	20
L10+50N 8+62.5W	20
L10+50N 8+75.0W	5
L10+50N 8+87.5W	5
L10+50N 9+00.0W	10
L10+50N 9+12.5W	5
L10+50N 9+25.0W	15
L10+50N 9+37.5W	400
L10+50N 9+50.0W	6160
L10+50N 9+62.5W	10
L10+50N 9+75.0W	20

DETECTION LIMIT 5

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P.M. Exploration Ltd.

PAGE 4 OF 5

SAMPLE #	Au
L10+50N 9+87.5W	15
L10+50N 10+00.0W	10
L10+50N 10+12.5W	10
L10+50N 10+25.0W	10
L10+50N 10+37.5W	5
L10+50N 10+50.0W	5
L10+50N 10+62.5W	20
L10+50N 10+75.0W	15
L10+50N 10+87.5W	10
L10+50N 11+00.0W	10
L10+50N 11+12.5W	10
L10+50N 11+25.0W	10
L10+50N 11+37.5W	5
L10+50N 11+50.0W	20
L10+75N 8+00.0W	5
L10+75N 8+12.5W	5
L10+75N 8+25.0W	15
L10+75N 8+37.5W	5
L10+75N 8+50.0W	5
L10+75N 8+62.5W	5
L10+75N 8+75.0W	10
L10+75N 8+87.5W	5
L10+75N 9+00.0W	5
L10+75N 9+12.5W	5
L10+75N 9+25.0W	5
L10+75N 9+50.0W	10
L10+75N 9+62.5W	80
L10+75N 9+75.0W	35
L10+75N 9+87.5W	10
L10+75N 10+00.0W	nd
L10+75N 10+12.5W	5
L10+75N 10+37.5W	15
L10+75N 10+50.0W	10
L10+75N 10+62.5W	nd
L10+75N 10+75.0W	nd
L10+75N 10+87.5W	10
L10+75N 11+00.0W	20
L11+00N 8+00.0W	25
L11+00N 8+12.5W	20

DETECTION LIMIT 5

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PAGE 5 OF 5

SAMPLE #	Au
	ppb
L11+00N 8+25.0W	nd
L11+00N 8+37.5W	10
L11+00N 8+50.0W	15
L11+00N 8+62.5W	15
L11+00N 8+75.0W	5
L11+00N 8+87.5W	5
L11+00N 9+00.0W	10
L11+00N 9+12.5W	5
L11+00N 9+25.0W	50
L11+00N 9+37.5W	190
L11+00N 9+50.0W	5
L11+00N 9+62.5W	50
L11+00N 9+75.0W	50
L11+00N 9+87.5W	15
L11+00N 10+00.0W	10
L11+00N 10+12.5W	10
L11+00N 10+25.0W	10
L11+00N 10+37.5W	10
L11+00N 10+50.0W	5
L11+00N 10+62.5W	20
L11+00N 10+75.0W	10
L11+00N 10+87.5W	10
L11+00N 11+00.0W	nd
<del>PIT 5</del>	<del>10</del>
<del>PIT 6</del>	<del>20</del>
PIT 7A	10
PIT 7B	20
PIT 9A	40
<del>PIT 9B</del>	<del>20</del>

DETECTION LIMIT  
nd = none detected

5  
-- = not analysed

is = insufficient sample

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: P.M. EXPLORATIONS LTD.  
 ATTENTION:  
 PROJECT:

REPORT#: B70B27PA  
 JOB#: B70B27  
 INVOICE#: B70B27NA

DATE RECEIVED: B7/08/22  
 DATE COMPLETED: B7/08/24  
 COPY SENT TO:

ANALYST *W. Rous*

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM	
L9+50N 8+00.0W	.6	2.57	19	ND	38	ND	.05	.2	6	23	24	4.59	.01	.35	223	1	.08	11	.08	42	ND	ND	9	1	5	ND	ND	74
L9+50N 8+12.5W	.1	1.66	12	ND	57	ND	.04	.1	5	18	18	2.15	.01	.32	339	1	.03	16	.05	36	ND	ND	7	1	7	3	ND	55
L9+50N 8+25.0W	.1	3.13	15	ND	67	ND	.06	.1	7	33	27	3.84	.02	.72	252	ND	.08	32	.12	38	ND	ND	8	ND	9	ND	ND	117
L9+50N 8+37.5W	.1	2.36	9	ND	57	ND	.05	.2	7	24	30	3.06	.16	.52	610	ND	.05	14	.07	35	ND	ND	8	1	8	ND	ND	91
L9+50N 8+50.0W	.2	3.00	16	ND	48	ND	.05	.1	7	25	25	3.30	.06	.46	450	ND	.06	23	.10	57	ND	ND	7	4	7	ND	ND	102
L9+50N 8+62.5W	.8	2.75	18	ND	107	ND	.06	.1	8	21	30	2.45	.12	.40	4650	1	.06	27	.08	61	ND	ND	6	2	7	ND	ND	156
L9+50N 8+75.0W	.3	2.84	14	ND	27	ND	.03	.1	3	12	15	2.75	.22	.14	232	1	.03	6	.10	31	ND	ND	9	3	4	3	3	36
L9+50N 8+87.5W	.5	2.83	19	ND	50	ND	.05	.1	6	27	24	3.85	.08	.46	347	3	.08	26	.08	40	ND	ND	8	ND	7	ND	ND	142
L9+50N 9+00.0W	.3	2.32	15	ND	55	ND	.05	.1	6	21	21	2.84	.12	.40	469	1	.05	22	.07	37	ND	ND	7	ND	7	3	ND	107
L9+50N 9+12.5W	.5	2.59	10	ND	37	4	.02	.1	4	15	13	1.77	.20	.26	277	ND	.04	15	.05	29	ND	ND	10	ND	3	6	4	87
L9+50N 9+25.0W	.9	2.79	19	ND	41	3	.04	.1	6	21	21	3.72	.08	.32	210	3	.07	13	.12	49	ND	ND	10	1	6	3	ND	112
L9+50N 9+37.5W	.1	2.33	14	ND	67	5	.05	.1	8	31	26	3.44	.27	.63	575	2	.08	36	.10	32	ND	ND	8	ND	8	4	ND	166
L9+50N 9+50.0W	.2	3.64	16	ND	65	ND	.05	.1	7	29	31	4.07	.16	.64	413	3	.08	35	.08	44	ND	ND	9	2	7	ND	ND	159
L9+50N 9+62.5W	.5	2.50	16	ND	74	ND	.05	.3	6	23	27	3.25	.20	.41	1885	2	.06	27	.08	38	ND	ND	8	1	7	ND	ND	135
L9+50N 9+75.0W	.5	2.33	17	ND	59	ND	.05	.2	5	19	21	3.12	.28	.32	228	ND	.05	14	.06	34	ND	ND	7	3	8	3	4	97
L9+50N 9+87.5W	.4	3.27	17	ND	77	ND	.05	.4	7	31	31	3.77	.20	.69	321	ND	.08	35	.08	40	ND	ND	8	2	8	ND	ND	174
L9+50N 10+00.0W	.6	2.29	10	ND	62	5	.04	.3	6	20	17	2.61	.25	.41	301	ND	.04	23	.06	32	ND	ND	5	2	7	6	ND	86
L9+50N 10+12.5W	.1	4.83	19	ND	280	3	.03	.4	15	49	42	3.54	.39	1.37	723	ND	.05	44	.05	52	ND	ND	9	ND	5	ND	ND	109
L9+50N 12+25.0W	.5	2.34	19	ND	60	5	.07	.1	7	21	22	2.61	.20	.40	770	1	.05	15	.08	34	ND	ND	7	1	8	ND	ND	93
L9+50N 10+37.5W	.7	2.00	17	ND	53	ND	.04	.1	6	19	20	2.52	.22	.35	425	2	.05	16	.06	32	ND	ND	8	ND	7	ND	ND	106
L9+50N 10+50.0W	.9	4.19	23	ND	42	ND	.04	.1	5	14	16	2.72	.24	.20	384	ND	.04	11	.08	40	ND	ND	11	ND	5	3	ND	63
L9+50N 10+62.5W	.7	2.08	12	ND	47	3	.03	.1	5	19	19	2.87	.22	.30	177	1	.04	15	.04	31	ND	ND	7	2	5	4	7	60
L9+50N 10+75.0W	.6	4.75	23	ND	73	3	.07	.1	10	22	32	3.77	.17	.48	839	1	.08	33	.13	40	ND	ND	9	ND	9	ND	ND	146
L9+50N 10+87.5W	1.3	2.87	20	ND	56	ND	.04	.1	5	11	17	2.27	.27	.16	862	1	.03	11	.08	36	ND	ND	9	2	5	ND	3	61
L9+50N 11+00.0W	1.1	3.85	20	ND	45	3	.05	.1	8	16	25	2.87	.20	.27	566	3	.06	14	.08	39	ND	ND	12	3	7	ND	ND	141
L9+50N 11+12.5W	.8	4.17	22	ND	47	4	.06	.1	8	18	30	3.37	.17	.34	471	3	.08	29	.10	41	ND	ND	10	ND	9	ND	ND	196
L9+50N 11+25.0W	.8	2.91	20	ND	60	ND	.05	.1	8	20	27	3.34	.17	.36	391	1	.06	25	.05	37	ND	ND	10	ND	6	ND	4	106
L9+50N 11+37.5W	.4	2.82	14	ND	51	ND	.04	.1	8	26	26	5.22	.17	.48	307	2	.08	33	.06	35	ND	ND	9	ND	7	ND	ND	117
L9+50N 11+50.0W	.4	3.37	20	ND	45	ND	.04	.1	7	21	23	3.55	.16	.35	187	1	.06	22	.04	36	ND	ND	10	ND	6	ND	ND	106
L9+75N 8+00.0W	.6	3.37	15	ND	50	5	.05	.1	7	19	21	2.87	.17	.34	275	ND	.04	14	.08	39	ND	ND	11	3	6	5	ND	69
L9+75N 8+12.5W	.9	3.41	12	ND	54	ND	.05	.1	7	27	22	3.59	.15	.41	282	ND	.06	13	.10	39	ND	ND	9	2	6	ND	ND	89
L9+75N 8+25.0W	.6	3.40	21	ND	80	ND	.06	.1	9	40	29	4.58	.19	.86	321	ND	.08	35	.08	40	ND	ND	7	5	8	ND	ND	123
L9+75N 8+37.5W	1.3	2.07	22	ND	45	3	.05	.6	6	17	18	3.34	.17	.26	281	1	.05	12	.12	43	ND	ND	10	5	7	ND	ND	68
L9+75N 8+50.0W	1.1	1.97	15	ND	38	4	.04	.1	6	15	21	3.15	.19	.22	172	1	.04	11	.05	44	ND	ND	10	4	5	ND	ND	55
L9+75N 8+62.5W	.2	2.93	20	ND	62	3	.05	.3	8	37	29	5.16	.06	.77	317	2	.10	34	.08	56	ND	ND	10	1	7	ND	ND	128
L9+75N 8+75.0W	.3	3.30	19	ND	69	6	.05	.1	8	27	27	2.91	.12	.56	589	1	.06	25	.11	48	ND	ND	10	ND	8	ND	4	117
L9+75N 8+87.5W	.8	3.45	23	ND	70	ND	.05	.1	8	33	31	3.75	.10	.68	353	ND	.08	29	.10	52	ND	ND	11	ND	7	ND	ND	130
L9+75N 9+00.0W	1.1	3.29	20	ND	46	3	.05	.1	6	23	23	2.84	.14	.43	215	1	.05	14	.08	45	ND	ND	10	1	6	ND	ND	107
L9+75N 9+12.5W	.7	3.84	20	ND	42	ND	.04	.1	5	21	21	3.37	.13	.30	271	1	.05	12	.13	43	ND	ND	11	2	5	ND	3	79

SAMPLE NAME	AG PPH	AL I	AS PPH	AU PPH	BA PPH	BI PPH	CA I	CD PPH	CO PPH	CR PPH	CU PPH	FE I	K I	MG I	MN PPH	MO PPH	NA I	NI PPH	P I	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	V PPH	ZN PPH
L9+75M 9+25.0M	.8	4.25	23	ND	40	ND	.03	.1	5	18	20	2.95	.07	.19	202	1	.05	12	.08	40	ND	ND	9	ND	4	ND	ND	75
L9+75M 9+37.5M	.5	3.17	21	ND	44	ND	.03	.1	5	22	22	3.47	.08	.32	161	1	.06	13	.11	38	ND	ND	7	1	5	ND	ND	83
L9+75M 9+50.0M	1.1	3.12	24	ND	60	ND	.04	.1	6	23	21	3.70	.08	.34	549	1	.07	12	.07	38	ND	ND	8	1	6	ND	ND	98
L9+75M 9+62.5M	1.1	4.67	21	ND	55	ND	.04	.1	7	23	27	3.84	.08	.34	301	2	.08	12	.12	45	ND	ND	6	3	6	ND	ND	117
L9+75M 9+75.0M	.8	2.70	22	ND	76	4	.05	1.2	7	26	23	2.91	.11	.52	533	1	.06	26	.06	42	ND	ND	6	2	7	ND	ND	128
L9+75M 9+87.5M	.5	2.47	22	ND	67	3	.06	.5	7	25	26	2.83	.10	.52	733	1	.06	30	.12	35	ND	ND	6	2	8	ND	ND	136
L9+75M 10+00.0M	.7	1.82	17	ND	77	ND	.04	.1	6	17	22	2.27	.12	.32	827	1	.04	16	.10	30	ND	ND	8	2	5	ND	4	92
L10+00M 8+00.0M	.8	2.25	17	ND	31	4	.03	.1	4	12	14	2.08	.12	.13	74	ND	.01	5	.06	32	ND	ND	7	2	3	ND	ND	23
L10+00M 8+12.5M	.8	2.87	21	ND	33	ND	.03	.1	5	16	16	3.02	.08	.24	99	1	.04	12	.07	38	ND	ND	8	1	4	ND	ND	37
L10+00M 8+25.0M	.8	1.53	19	ND	46	6	.03	.2	6	16	19	3.30	.10	.26	190	2	.05	14	.10	32	ND	ND	8	2	5	ND	ND	65
L10+00M 8+37.5M	.6	1.60	22	ND	44	4	.04	.1	6	19	16	2.07	.13	.30	189	1	.02	17	.05	32	ND	ND	8	2	5	ND	ND	40
L10+00M 8+50.0M	.6	2.33	20	ND	63	ND	.05	.1	9	40	26	4.89	.08	.77	212	1	.08	33	.06	37	ND	ND	8	3	6	ND	ND	82
L10+00M 8+62.5M	.7	3.12	22	ND	41	4	.04	.2	5	20	20	2.87	.12	.25	191	ND	.03	11	.10	38	ND	ND	8	3	5	3	ND	49
L10+00M 8+75.0M	.8	1.87	21	ND	63	5	.04	.1	8	25	22	3.02	.14	.51	177	1	.04	14	.08	36	ND	ND	8	6	6	ND	5	64
L10+00M 8+87.5M	.7	2.33	26	ND	42	3	.04	.1	6	22	21	3.27	.13	.36	214	1	.04	14	.07	65	ND	ND	10	3	5	ND	ND	64
L10+00M 9+00.0M	1.1	2.87	22	ND	50	3	.04	.2	6	21	21	2.57	.16	.34	210	1	.03	15	.07	43	ND	ND	9	3	6	3	ND	65
L10+00M 9+12.5M	1.1	2.47	20	ND	43	ND	.04	.1	7	14	17	2.58	.15	.22	419	ND	.03	14	.11	49	ND	ND	8	3	5	5	5	58
L10+00M 9+25.0M	1.1	4.57	29	ND	42	5	.03	.1	6	21	22	3.20	.12	.27	219	1	.05	13	.10	49	ND	ND	12	1	4	ND	ND	67
L10+00M 9+37.5M	1.2	3.70	28	ND	48	4	.04	.1	8	22	21	2.99	.13	.35	549	2	.05	14	.11	46	ND	ND	11	ND	5	3	ND	105
L10+00M 9+50.0M	.6	3.87	23	ND	75	ND	.05	.1	9	32	30	3.07	.13	.68	413	2	.07	33	.11	45	ND	ND	8	ND	6	ND	ND	154
L10+00M 9+75.0M	.5	4.07	18	ND	160	ND	.16	7.1	14	47	52	3.80	.10	1.29	1231	ND	.17	61	.15	324	ND	ND	3	ND	23	ND	ND	480
L10+00M 9+87.5M	.1	3.74	22	ND	164	ND	.32	17.3	17	55	54	4.33	.12	1.77	2030	ND	.27	72	.14	394	ND	ND	3	ND	37	ND	ND	845
L10+00M 10+12.5M	1.1	2.04	11	ND	40	ND	.04	.1	5	16	18	2.61	.16	.30	314	ND	.04	16	.06	25	ND	ND	4	ND	5	ND	3	78
L10+00M 10+25.0M	.6	2.62	17	ND	39	ND	.04	.2	5	17	20	3.09	.14	.27	272	2	.05	14	.13	29	ND	ND	7	1	6	ND	ND	81
L10+00M 10+37.5M	.6	2.33	14	ND	52	ND	.05	.1	6	18	21	2.70	.13	.34	318	1	.05	15	.10	29	ND	ND	6	1	7	ND	ND	88
L10+00M 10+50.0M	.5	2.02	17	ND	64	ND	.04	.1	5	17	18	2.42	.13	.29	568	ND	.03	16	.06	26	ND	ND	7	ND	5	ND	ND	71
L10+00M 10+62.5M	1.2	3.64	20	ND	31	ND	.03	.1	6	17	20	4.66	.08	.17	188	1	.07	11	.07	42	ND	ND	10	ND	4	ND	ND	53
L10+00M 10+75.0M	1.2	5.44	24	ND	33	ND	.03	.1	4	17	24	3.11	.13	.22	225	ND	.05	13	.11	42	ND	ND	7	ND	4	ND	ND	73
L10+00M 10+87.5M	.8	3.20	19	ND	68	ND	.06	.3	8	19	30	2.66	.13	.41	641	ND	.06	32	.08	36	ND	ND	6	ND	7	ND	ND	130
L10+00M 11+00.0M	.6	4.97	21	ND	39	ND	.04	.1	7	16	25	3.32	.10	.26	350	1	.06	13	.10	44	ND	ND	8	2	5	ND	ND	98
L10+00M 11+12.5M	.8	2.20	16	ND	31	ND	.03	.1	4	9	17	2.41	.14	.10	240	2	.03	10	.07	30	ND	ND	7	3	5	3	ND	61
L10+00M 11+25.0M	.3	3.39	16	ND	25	ND	.11	1.3	5	11	57	4.54	.12	.12	328	16	.14	51	.14	33	ND	ND	8	ND	16	ND	ND	320
L10+00M 11+37.5M	.3	1.92	9	ND	43	ND	.20	5.1	16	9	87	4.33	.08	.16	2987	15	.16	67	.12	35	ND	ND	6	ND	26	ND	ND	393
L10+00M 11+50.0M	.1	2.25	19	ND	52	ND	.04	.1	4	27	54	7.16	.06	.61	383	7	.12	20	.11	32	ND	ND	9	ND	13	ND	ND	109
L10+25M 8+00.0M	.5	2.32	16	ND	64	4	.07	.1	8	27	19	2.75	.13	.77	220	ND	.04	15	.06	38	ND	ND	7	2	7	ND	ND	63
L10+25M 8+12.5M	.8	2.12	16	ND	52	ND	.06	.1	5	22	16	2.25	.16	.48	167	ND	.02	16	.05	52	ND	ND	7	2	7	3	ND	52
L10+25M 8+25.0M	.2	4.62	27	ND	17	ND	.03	.1	3	11	15	2.82	.13	.08	63	ND	.03	7	.14	42	ND	ND	8	1	3	ND	ND	18
L10+25M 8+37.5M	.8	1.91	18	ND	35	ND	.03	.1	5	17	18	4.16	.10	.24	145	1	.06	12	.12	36	ND	ND	9	6	5	ND	ND	47
L10+25M 8+50.0M	.6	3.85	20	ND	49	ND	.04	.1	6	25	20	3.90	.08	.35	182	ND	.06	12	.11	44	ND	ND	8	ND	5	ND	ND	74
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPH	AL %	AS PPH	AU PPH	BA PPH	BI PPH	CA %	CD PPH	CO PPH	CR PPH	CU PPH	FE %	K %	Mg %	MN PPH	MO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	V PPH	ZN PPH
L10+25M 8+62.5M	.2	2.06	10	ND	52	ND	.05	.1	4	17	22	1.77	.01	.34	150	ND	.03	14	.06	28	ND	ND	5	ND	7	ND	ND	63
L10+25M 8+75.0M	.3	2.50	17	ND	49	ND	.04	.1	5	18	18	2.41	.01	.30	259	ND	.04	11	.07	35	ND	ND	6	ND	7	ND	ND	55
L10+25M 8+87.5M	.2	1.53	15	ND	35	ND	.03	.1	3	10	12	1.54	.01	.17	114	ND	.02	6	.05	31	ND	ND	6	ND	5	ND	ND	34
L10+25M 9+00.0M	.2	2.61	13	ND	52	ND	.05	.1	6	26	21	3.34	.01	.41	169	1	.05	11	.10	40	ND	ND	8	ND	6	ND	ND	66
L10+25M 9+12.5M	.4	2.72	19	ND	59	ND	.05	.1	6	27	21	3.97	.01	.40	244	1	.07	17	.16	74	ND	ND	7	2	7	ND	ND	77
L10+25M 9+25.0M	.2	3.11	22	ND	49	3	.04	.1	6	21	21	2.88	.01	.34	200	1	.04	12	.08	38	ND	ND	10	ND	6	ND	ND	65
L10+25M 9+37.5M	.4	2.92	20	ND	61	ND	.05	.1	6	25	20	3.18	.01	.43	210	1	.05	11	.07	33	ND	ND	9	1	8	ND	ND	79
L10+25M 9+50.0M	.1	3.83	13	ND	134	ND	.08	.1	10	42	34	3.83	.01	.91	494	1	.10	40	.14	52	ND	ND	6	ND	13	ND	ND	187
L10+25M 9+62.5M	.1	4.69	17	ND	282	ND	.19	.1	18	73	53	4.08	.01	1.82	763	2	.08	74	.22	39	ND	ND	3	1	54	ND	ND	154
L10+25M 9+75.0M	.1	5.12	13	ND	310	ND	.19	5.1	18	60	43	3.65	.01	1.85	949	ND	.19	51	.08	158	ND	ND	3	ND	31	ND	ND	599
L10+25M 9+87.0M	.1	4.58	13	ND	240	ND	.27	2.4	17	51	35	3.70	.01	1.58	879	ND	.11	36	.12	124	ND	ND	3	ND	41	ND	ND	267
L10+25M 10+00M	.7	4.84	21	ND	83	ND	.08	1.6	8	28	30	3.18	.01	.61	549	3	.10	24	.13	93	ND	ND	7	ND	11	ND	ND	237
L10+25M 10+12.5M	.6	2.56	14	ND	54	ND	.05	.2	5	21	20	2.54	.01	.40	303	ND	.05	13	.08	31	ND	ND	8	ND	7	ND	ND	95
L10+25M 10+25.0M	.2	3.90	17	ND	41	ND	.04	.1	5	19	19	3.75	.01	.26	302	2	.06	8	.17	37	ND	ND	8	ND	5	ND	ND	79
L10+25M 10+37.5M	.6	2.66	18	ND	45	ND	.04	.4	5	23	20	3.22	.01	.36	265	2	.06	11	.08	25	ND	ND	6	ND	6	ND	ND	108
L10+25M 10+50.0M	.5	2.91	18	ND	52	ND	.04	.1	6	15	19	2.50	.01	.26	922	2	.05	9	.08	29	ND	ND	5	2	6	ND	ND	97
L10+25M 10+62.5M	.4	3.08	18	ND	40	ND	.05	.3	4	17	15	3.89	.04	.22	250	1	.06	7	.10	28	ND	ND	6	1	5	ND	ND	71
L10+25M 10+75.0M	.6	1.58	12	ND	43	ND	.04	.1	5	13	13	2.08	.01	.27	338	1	.03	10	.06	21	ND	ND	6	ND	5	ND	ND	56
L10+25M 10+87.5M	.6	2.18	20	ND	44	ND	.04	.3	4	17	19	2.27	.01	.30	469	3	.04	14	.07	29	ND	ND	8	ND	6	ND	4	90
L10+25M 11+00.0M	.3	2.22	13	ND	33	ND	.04	.1	3	19	19	2.65	.01	.30	184	3	.05	13	.06	26	ND	ND	6	ND	6	ND	3	85
L10+25M 11+12.5M	1.1	2.31	17	ND	48	ND	.06	.2	5	25	32	3.25	.01	.44	533	3	.06	35	.11	33	ND	ND	7	ND	9	ND	ND	115
L10+25M 11+25.0M	1.7	3.57	20	ND	41	ND	.05	.5	4	28	34	2.70	.01	.34	322	2	.06	27	.10	32	ND	ND	7	ND	7	ND	ND	124
L10+25M 11+37.5M	.6	2.56	23	ND	33	ND	.06	1.1	4	16	32	4.25	.01	.20	378	11	.10	28	.12	29	ND	ND	6	ND	10	ND	ND	203
L10+25M 11+50.0M	.2	3.90	22	ND	31	ND	.13	.6	6	12	40	4.19	.11	.24	332	14	.12	36	.15	35	ND	ND	6	ND	17	ND	ND	295
L10+50M 8+00.0M	.2	4.25	21	ND	59	ND	.06	.1	6	32	26	3.39	.01	.69	210	1	.06	22	.10	45	ND	ND	6	ND	6	ND	ND	90
L10+50M 8+12.5M	.3	3.70	22	ND	28	3	.03	.1	5	14	14	2.25	.01	.22	169	2	.03	7	.11	43	ND	ND	8	1	4	4	ND	39
L10+50M 8+25.0M	.4	5.72	28	ND	27	ND	.03	.1	4	15	15	2.77	.01	.19	92	1	.03	2	.11	49	ND	ND	10	ND	4	6	ND	36
L10+50M 8+37.5M	.2	4.33	19	ND	37	ND	.03	.1	5	20	18	3.27	.01	.35	164	1	.05	10	.08	48	ND	ND	8	1	5	ND	ND	65
L10+50M 8+50.0M	.3	4.51	21	ND	26	ND	.03	.1	4	17	15	3.55	.08	.20	106	2	.05	6	.11	47	ND	ND	8	1	4	ND	ND	46
L10+50M 8+62.5M	.2	3.67	24	ND	35	ND	.04	.1	4	14	18	2.68	.01	.20	153	1	.04	4	.08	41	ND	ND	7	1	5	ND	ND	42
L10+50M 8+75.0M	.5	4.05	30	ND	45	ND	.04	.1	5	22	19	3.25	.07	.39	178	1	.06	10	.15	53	ND	ND	8	ND	6	ND	ND	82
L10+50M 8+87.5M	.4	3.72	19	ND	50	ND	.04	.1	5	23	24	3.41	.01	.40	251	1	.06	18	.10	40	ND	ND	7	ND	6	ND	ND	92
L10+50M 9+00.0M	.8	3.08	17	ND	58	4	.05	.2	7	27	26	3.39	.01	.59	295	ND	.06	21	.05	39	ND	ND	6	ND	7	3	ND	97
L10+50M 9+12.5M	.6	2.38	18	ND	48	4	.05	.5	7	21	19	3.91	.01	.41	198	1	.06	16	.06	34	ND	ND	7	3	6	ND	ND	81
L10+50M 9+25.0M	.4	3.77	21	ND	46	4	.04	.3	6	20	19	3.65	.01	.36	257	1	.06	9	.10	46	ND	ND	6	3	6	ND	ND	68
L10+50M 9+37.5M	.2	4.33	29	ND	191	ND	.11	4.1	16	39	55	4.29	.01	1.22	1035	2	.17	47	.11	730	ND	ND	5	ND	15	ND	ND	534
L10+50M 9+50.0M	1.4	1.36	105	6	25	19	.01	31.6	3	40	167	22.39	.51	.08	227	12	1.13	17	.39	11823	ND	ND	9	ND	11	ND	ND	3515
L10+50M 9+62.5M	.1	3.87	17	ND	106	ND	.58	2.4	12	51	14	2.58	.01	.93	664	ND	.08	18	.27	190	ND	ND	3	ND	37	ND	ND	251
L10+50M 9+75.0M	.1	4.98	15	ND	243	ND	.26	2.9	17	42	36	3.75	.01	1.62	857	1	.10	35	.10	173	ND	ND	ND	ND	57	ND	ND	268
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPH	AL Z	AS PPH	AU PPH	BA PPH	BI PPH	CA Z	CD PPH	CU PPH	CR PPH	CU PPH	FE Z	K Z	MG Z	MM PPH	MU PPH	NA Z	N1 PPH	P Z	PB PPH	PD PPH	PT PPH	SB PPH	SM PPH	SR PPH	U PPH	W PPH	ZN PPH
L10+50M 9+87.5W	.1	4.44	13	ND	236	ND	.26	3.4	15	36	32	3.75	1.33	1.46	811	ND	.14	33	.12	292	ND	ND	ND	2	34	ND	ND	415
L10+50M 10+00.0W	.1	4.09	23	ND	62	ND	.06	.1	6	25	24	3.45	.01	.43	294	ND	.06	13	.19	71	ND	ND	ND	5	7	ND	ND	100
L10+50M 10+12.5W	.1	2.45	17	ND	43	ND	.03	.1	5	18	20	3.75	.01	.27	144	ND	.06	12	.16	35	ND	ND	3	3	6	ND	ND	61
L10+50M 10+25.0W	.7	2.79	18	ND	40	ND	.03	.1	4	15	17	2.54	.01	.20	147	ND	.04	9	.08	40	ND	ND	ND	2	5	ND	ND	50
L10+50M 10+37.5W	.6	4.80	23	ND	47	ND	.05	.1	4	22	24	3.84	.01	.27	206	ND	.06	12	.17	44	ND	ND	ND	ND	6	ND	ND	77
L10+50M 10+50.0W	.2	2.16	17	ND	53	ND	.04	.3	6	25	22	3.44	.06	.39	221	ND	.05	22	.08	31	ND	ND	3	3	6	ND	5	64
L10+50M 10+62.5W	.7	2.49	13	ND	48	ND	.04	.1	6	22	30	3.17	.16	.43	447	1	.06	23	.11	28	ND	ND	ND	ND	6	4	ND	110
L10+50M 10+75.0W	.3	2.70	11	ND	51	3	.05	.1	6	26	33	3.75	.01	.55	422	1	.08	32	.12	27	ND	ND	ND	ND	8	ND	ND	138
L10+50M 10+87.5W	.9	2.31	11	ND	47	ND	.04	.3	7	23	28	2.95	.05	.44	592	1	.06	21	.08	25	ND	ND	3	1	6	ND	ND	104
L10+50M 11+00.0W	.3	1.51	14	ND	42	ND	.03	.1	4	14	21	2.75	.17	.22	437	ND	.04	11	.11	25	ND	ND	ND	3	6	4	ND	53
L10+50M 11+12.5W	.4	3.20	17	ND	52	ND	.05	.1	9	27	34	3.20	.05	.56	737	ND	.07	28	.10	72	ND	ND	ND	1	8	ND	ND	134
L10+50M 11+25.0W	.4	2.99	13	ND	55	ND	.05	.3	7	27	37	3.75	.01	.48	699	1	.08	27	.13	46	ND	ND	ND	1	7	ND	ND	129
L10+50M 11+37.5W	.7	1.79	14	ND	34	ND	.03	.1	4	12	18	1.87	.01	.16	459	1	.03	7	.08	26	ND	ND	3	2	5	3	4	43
L10+50M 11+50.0W	.1	1.87	16	ND	43	ND	.04	.3	4	19	21	3.04	.01	.26	367	3	.05	10	.08	26	ND	ND	ND	1	6	ND	ND	67
L10+75M 8+00.0W	.1	2.58	15	ND	37	ND	.04	.1	6	22	20	3.94	.01	.40	138	ND	.06	12	.05	27	ND	ND	ND	2	5	ND	ND	49
L10+75M 8+12.5W	.1	3.64	23	ND	33	3	.03	.1	5	20	20	3.77	.01	.32	131	ND	.06	12	.08	40	ND	ND	4	2	4	ND	ND	55
L10+75M 8+25.0W	.1	3.09	14	ND	48	ND	.03	.1	6	25	21	4.83	.01	.41	138	ND	.07	16	.17	37	ND	ND	4	3	5	ND	ND	57
L10+75M 8+37.5W	.4	2.04	17	ND	30	ND	.03	.1	3	13	14	2.37	.08	.17	116	ND	.03	8	.06	29	ND	ND	ND	2	4	3	ND	32
L10+75M 8+50.0W	.2	2.41	16	ND	31	ND	.03	.1	3	13	16	2.83	.01	.16	111	ND	.04	7	.07	33	ND	ND	ND	2	4	ND	4	29
L10+75M 8+62.5W	.1	3.45	14	ND	29	ND	.02	.1	3	11	15	2.42	.01	.16	128	ND	.03	8	.08	33	ND	ND	3	3	4	ND	ND	32
L10+75M 8+75.0W	.1	3.33	12	ND	45	ND	.04	.1	5	23	21	3.16	.01	.45	265	ND	.06	14	.06	67	ND	ND	3	ND	4	ND	ND	77
L10+75M 8+87.5W	1.1	2.15	13	ND	31	ND	.03	.1	5	12	20	2.52	.01	.22	168	ND	.04	12	.06	33	ND	ND	ND	4	4	ND	ND	42
L10+75M 9+00.0W	.3	1.56	14	ND	39	ND	.03	.1	6	12	18	2.95	.01	.22	119	ND	.04	12	.08	48	ND	ND	ND	4	5	ND	ND	50
L10+75M 9+12.5W	.5	2.12	12	ND	21	ND	.02	.3	4	9	14	2.90	.01	.08	79	ND	.04	6	.04	38	ND	ND	3	4	3	ND	ND	27
L10+75M 9+25.0W	.1	4.82	18	ND	141	ND	.07	.1	12	47	45	4.00	.08	1.37	439	ND	.10	56	.08	39	ND	ND	3	3	11	ND	ND	188
L10+75M 9+50.0W	.1	3.25	8	ND	88	3	.17	1.2	10	21	19	2.74	.89	1.06	554	ND	.05	14	.05	33	ND	ND	ND	1	42	ND	ND	130
L19+75M 9+62.5W	.1	4.25	14	ND	215	ND	.20	2.9	14	36	35	3.67	.61	1.29	800	ND	.13	39	.11	378	ND	ND	ND	3	24	ND	ND	386
L19+75M 9+75.0W	.1	3.95	15	ND	195	ND	.17	1.3	13	31	36	3.30	.55	1.14	713	ND	.08	36	.11	144	ND	ND	ND	1	17	ND	ND	227
L19+75M 9+87.5W	.4	1.53	15	ND	32	ND	.03	.4	4	11	16	1.97	.17	.15	211	1	.02	7	.07	30	ND	ND	4	4	4	5	3	35
L19+75M 10+00.0W	.7	2.18	14	ND	43	5	.05	.3	6	18	21	2.50	.22	.34	207	ND	.04	16	.05	30	ND	ND	4	4	6	6	ND	60
L19+75M 10+12.5W	.7	1.35	17	ND	39	ND	.05	.6	5	11	18	1.95	.19	.20	340	ND	.02	13	.07	32	ND	ND	3	4	5	6	ND	47
L19+75M 10+37.5W	.7	2.47	14	ND	40	ND	.04	.2	6	17	21	3.37	.16	.28	424	ND	.05	13	.08	37	ND	ND	5	3	5	3	ND	66
L19+75M 10+50.0W	.1	4.91	10	ND	404	ND	.26	.1	18	58	68	3.62	.35	1.95	827	ND	.07	84	.14	33	ND	ND	ND	3	40	ND	ND	138
L19+75M 10+62.5W	.3	2.92	20	ND	72	ND	.05	.1	8	21	25	3.16	.01	.39	814	1	.06	26	.17	30	ND	ND	3	4	7	ND	ND	94
L19+75M 10+75.0W	.4	2.79	14	ND	99	ND	.07	.1	11	30	31	3.59	.01	.64	836	2	.07	38	.10	31	ND	ND	3	3	11	ND	ND	117
L19+75M 10+87.5W	.1	2.52	13	ND	69	ND	.06	.2	7	31	35	4.60	.05	.61	256	2	.08	41	.13	32	ND	ND	4	1	10	ND	ND	135
L19+75M 11+00.0W	.3	2.63	20	ND	84	ND	.08	.6	7	32	42	4.25	.01	.68	305	2	.08	48	.30	29	ND	ND	5	1	13	ND	ND	156
L11+00M 8+00.0W	.6	2.59	12	ND	35	3	.03	.1	5	16	19	2.97	.04	.29	128	1	.04	14	.05	33	ND	ND	5	2	4	4	5	49
L11+00M 8+12.5W	.1	3.17	15	ND	38	ND	.04	.1	6	22	21	4.14	.01	.38	128	ND	.06	11	.06	33	ND	ND	3	3	5	ND	ND	58
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPH	AL I	AS PPH	AU PPH	BA PPH	BI PPH	LA I	CD PPH	CU PPH	CP PPH	CO PPH	FE I	K I	Mg I	MN PPH	MO PPH	NA I	NI PPH	P I	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	V PPH	Zn PPH
L11+00N 8+25.0W	.4	2.02	14	ND	34	3	.03	.1	4	13	14	2.58	5.67	.24	127	ND	.04	9	.05	26	ND	ND	3	5	5	3	ND	43
L11+00N 8+37.5W	.1	2.97	27	ND	51	ND	.05	.1	5	18	18	2.63	11.94	.38	146	ND	.04	15	.08	34	ND	ND	4	2	6	ND	3	53
L11+00N 8+50.0W	.1	3.22	24	ND	28	ND	.02	.1	3	14	12	2.58	4.80	.14	95	ND	.03	8	.07	32	ND	ND	6	1	3	7	ND	26
L11+00N 8+62.5W	.1	4.05	27	ND	20	ND	.03	.1	4	17	20	3.94	18.46	.17	151	ND	.05	9	.13	49	ND	ND	5	2	4	ND	ND	37
L11+00N 8+75.0W	.8	3.41	20	ND	20	ND	.02	.1	3	12	14	3.27	13.46	.08	95	ND	.04	4	.10	37	ND	ND	3	3	3	ND	ND	19
L11+00N 8+87.5W	.3	2.02	18	ND	27	5	.02	.1	4	11	14	2.77	3.84	.14	83	ND	.03	5	.05	31	ND	ND	5	4	3	ND	ND	27
L11+00N 9+00.0W	.1	3.77	20	ND	49	ND	.03	.1	5	21	19	4.19	6.34	.30	124	ND	.06	11	.07	36	ND	ND	4	3	5	ND	ND	50
L11+00N 9+12.5W	.5	5.44	18	ND	41	ND	.04	.1	6	23	19	2.77	6.95	.41	170	ND	.05	14	.08	48	ND	ND	5	ND	5	ND	ND	75
L11+00N 9+25.0W	.1	3.57	20	ND	101	ND	.12	13.1	15	29	50	3.66	.01	1.18	1270	ND	.58	30	.10	1969	ND	ND	ND	ND	10	ND	ND	2282
L11+00N 9+37.5W	.1	4.07	14	ND	192	ND	.17	5.1	14	25	40	3.52	.01	1.11	918	ND	.22	31	.14	1216	ND	ND	ND	ND	18	ND	ND	791
L11+00N 9+50.0W	.3	1.70	18	ND	30	ND	.02	.1	3	8	9	1.62	2.08	.12	168	ND	.02	5	.08	28	ND	ND	5	4	4	6	7	32
L11+00N 9+62.5W	.1	4.17	12	ND	181	ND	.16	2.1	12	29	32	3.37	.01	1.08	708	ND	.11	36	.11	221	ND	ND	ND	ND	16	ND	ND	310
L11+00N 9+75.0W	.1	4.02	18	ND	175	ND	.15	1.2	12	30	30	3.37	.01	1.18	696	ND	.10	37	.11	142	ND	ND	ND	1	14	ND	ND	282
L11+00N 9+87.5W	.6	2.62	20	ND	45	4	.05	.1	6	28	24	4.09	3.12	.51	231	ND	.07	23	.05	35	ND	ND	5	3	6	ND	ND	97
L11+00N 10+00.0W	.6	4.26	20	ND	48	ND	.04	.1	6	16	21	2.49	2.52	.34	216	ND	.05	15	.13	40	ND	ND	3	2	5	ND	3	88
L11+00N 10+12.5W	1.1	1.45	15	ND	33	ND	.04	.1	4	13	15	2.12	.01	.22	115	ND	.03	14	.04	35	ND	ND	3	3	5	3	7	45
L11+00N 10+25.0W	.5	2.62	16	ND	89	ND	.07	.1	8	25	29	2.58	1.23	.60	332	ND	.05	30	.08	39	ND	ND	4	2	10	ND	ND	90
L11+00N 10+37.5W	1.1	3.50	17	ND	51	ND	.04	.1	7	23	24	3.29	5.33	.41	279	ND	.06	21	.10	37	ND	ND	4	3	6	ND	ND	85
L11+00N 10+50.0W	.3	4.09	21	ND	50	ND	.04	.1	6	23	24	3.24	6.43	.44	195	ND	.07	22	.08	45	ND	ND	3	2	7	ND	ND	155
L11+00N 10+62.5W	.4	4.60	16	ND	71	ND	.05	.1	9	27	34	3.37	5.14	.64	296	ND	.08	35	.10	40	ND	ND	3	3	9	ND	ND	190
L11+00N 10+75.0W	.1	3.02	13	ND	76	ND	.06	.3	8	27	38	3.17	2.91	.68	364	ND	.07	44	.07	37	ND	ND	ND	1	10	ND	ND	126
L11+00N 10+87.5W	.4	1.83	13	ND	68	ND	.07	.1	7	24	21	3.11	1.18	.41	342	ND	.05	27	.05	32	ND	ND	3	2	10	ND	4	78
L11+00N 11+00.0W	.5	2.29	10	ND	88	ND	.07	.1	9	28	32	3.30	1.11	.70	378	ND	.07	45	.07	34	ND	ND	6	2	11	ND	ND	140
PIT 5	.1	4.92	14	ND	262	ND	.04	.1	15	52	48	3.50	.01	1.54	598	ND	.08	57	.05	85	ND	ND	ND	ND	7	ND	ND	170
PIT 6	.1	4.08	13	ND	171	ND	.03	.6	12	41	45	3.37	.01	1.04	688	ND	.06	47	.05	41	ND	ND	3	ND	6	ND	ND	142
PIT 7A	.1	4.69	18	ND	129	ND	.07	.1	11	41	46	3.70	.27	1.08	372	ND	.11	58	.11	50	ND	ND	3	ND	10	ND	ND	244
PIT 7B	.1	5.04	14	ND	138	ND	.11	.8	12	38	43	3.99	1.10	1.18	576	ND	.12	54	.15	58	ND	ND	ND	1	12	ND	ND	285
PIT 9A	.1	3.45	18	ND	240	ND	.05	2.5	25	53	81	4.67	.01	1.13	2118	ND	.10	111	.07	93	ND	ND	ND	ND	11	ND	ND	228
PIT 9B	.1	3.99	12	ND	158	ND	.06	.1	13	38	56	3.64	.01	1.03	545	1	.10	71	.07	39	ND	ND	3	ND	11	ND	ND	225
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871113 GA

JOB NUMBER: 871113

P.M. EXPLORATIONS

PAGE 9 OF 12

SAMPLE #		Au ppb
<del>L 7+60N</del>	<del>5+70.0E</del>	<del>5</del>
L 7+60N	5+80.0E	10
L 7+60N	5+90.0E	20
L 7+60N	6+00.0E	nd
L 7+60N	6+10.0E	nd
L 7+60N	6+20.0E	nd
L 7+60N	6+30.0E	5
L 7+60N	6+40.0E	5
L 7+60N	6+50.0E	5
L 7+60N	6+60.0E	nd
L 7+60N	6+70.0E	nd
L 7+60N	6+80.0E	5
L 7+60N	6+90.0E	5
L 7+60N	7+00.0E	5
L 8+00N	5+00.0E	5
L 8+00N	5+10.0E	nd
L 8+00N	5+20.0E	nd
L 8+00N	5+30.0E	15
L 8+00N	5+40.0E	nd
L 8+00N	5+50.0E	40
L 8+00N	5+60.0E	15
L 8+00N	5+70.0E	nd
L 8+00N	5+80.0E	5
L 8+00N	5+90.0E	5
L 8+00N	6+00.0E	5
L 8+00N	6+10.0E	5
L 8+00N	6+20.0E	5
L 8+00N	6+30.0E	5
L 8+00N	6+40.0E	nd
L 8+00N	6+50.0E	nd
L 8+00N	6+60.0E	5
L 8+00N	6+70.0E	5
L 8+00N	6+80.0E	10
L 8+00N	6+90.0E	nd
L 8+00N	7+00.0E	nd
L 8+50N	8+00.0E	10
L 8+50N	8+12.0E	15
L 8+50N	8+25.0E	10
L 8+50N	8+37.0E	35

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample





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(604) 251-5656

REPORT NUMBER: 871113 6A

JOB NUMBER: 871113

P.M. EXPLORATIONS

PAGE 10 OF 12

SAMPLE #		Au ppb
L 8+50N	8+50.0W	10
L 8+50N	8+62.0W	nd
L 8+50N	8+75.0W	5
L 8+50N	8+87.0W	10
L 8+50N	9+00.0W	5
L 8+50N	9+12.0W	5
L 8+50N	9+25.0W	nd
L 8+50N	9+37.0W	nd
L 8+50N	9+50.0W	5
L 8+50N	9+62.0W	5
L 8+50N	9+75.0W	5
L 8+50N	9+87.0W	5
L 8+50N	10+00.0W	10
L 8+50N	10+12.0W	5
L 8+50N	10+25.0W	10
L 8+50N	10+37.0W	15
L 8+50N	10+50.0W	5
L 8+50N	10+62.0W	5
L 8+50N	10+75.0W	5
L 8+50N	10+87.0W	nd
L 8+50N	11+00.0W	10
L 9+00N	8+00.0W	nd
L 9+00N	8+12.5W	nd
L 9+00N	8+25.0W	10
L 9+00N	8+37.5W	nd
L 9+00N	8+50.0W	10
L 9+00N	8+62.5W	5
L 9+00N	8+75.0W	5
L 9+00N	8+87.5W	10
L 9+00N	9+00.0W	15
L 9+00N	9+12.5W	10
L 9+00N	9+25.0W	5
L 9+00N	9+37.5W	nd
L 9+00N	9+50.0W	5
L 9+00N	9+62.5W	10
L 9+00N	9+75.0W	nd
L 9+00N	9+87.5W	5
L 9+00N	10+00.0W	10
L 9+00N	10+12.5W	15

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 871113 GA

JOB NUMBER: 871113

P.N. EXPLORATIONS

PAGE 11 OF 12

SAMPLE #		Au ppb
L 9+00N	10+25.0W	nd
L 9+00N	10+37.5W	5
L 9+00N	10+50.0W	5
L 9+00N	10+62.5W	5
L 9+00N	10+75.0W	5
L 9+00N	10+87.5W	10
L 9+00N	11+00.0W	5
L 9+00N	11+12.5W	5
L 9+00N	11+25.0W	nd
L 9+00N	11+37.5W	5
L 9+00N	11+50.0W	10
L 9+75N	10+12.5W	5
L 9+75N	10+25.0W	nd
L 9+75N	10+37.5W	nd
L 9+75N	10+50.0W	nd
L 9+75N	10+62.5W	5
L 9+75N	10+75.0W	10
L 9+75N	10+87.5W	nd
L 9+75N	11+00.0W	10
L 9+75N	11+12.5W	10
L 9+75N	11+25.0W	10
L 9+75N	11+37.5W	nd
L 9+75N	11+50.0W	nd
L11+50N	8+00.0W	nd
L11+50N	8+12.0W	nd
L11+50N	8+25.0W	nd
L11+50N	8+37.0W	nd
L11+50N	8+50.0W	nd
L11+50N	8+67.0W	nd
L11+50N	8+75.0WA	20
L11+50N	8+75.0WC	nd
L11+50N	8+87.0W	10
L11+50N	9+00.0W	5
L11+50N	9+12.0W	10
L11+50N	9+25.0W	nd
L11+50N	9+37.0W	nd
L11+50N	9+50.0W	10
L11+50N	9+67.0W	nd
L11+50N	9+75.0W	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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(604) 251-5656

REPORT NUMBER: 871113 6A

JOB NUMBER: 871113

P.N. EXPLORATIONS

PAGE 12 OF 12

SAMPLE #		Au ppb
L11+50N	9+87.0W	5
L11+50N	10+00.0W	nd
L11+50N	10+12.0W	10
L11+50N	10+25.0W	15
L11+50N	10+37.0W	5
L11+50N	10+50.0W	nd
L11+50N	10+67.0W	5
L11+50N	10+75.0W	nd
L11+50N	10+87.0W	5
L11+50N	11+00.0W	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

SAMPLE NAME	AG PPH	AL I	AS PPH	AU PPH	BA PPH	BI PPH	CA I	CB PPH	CC PPH	CR PPH	CJ PPH	FE I	K I	MG I	MM PPH	NO PPH	NA I	NI PPH	P I	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	V PPH	ZN PPH
L7*60N-5*70E	.9	2.40	11	ND	73	ND	.47	.4	13	27	136	2.88	.04	.91	511	5	.08	.26	.04	25	ND	ND	4	1	35	ND	ND	97
L7*60N-5*80E	.6	2.23	11	ND	63	ND	.17	.3	7	10	17	1.87	.04	.37	277	3	.05	.10	.13	26	ND	ND	5	ND	15	3	ND	100
L7*60N-5*90E	.4	3.36	12	ND	67	ND	.23	.5	23	26	110	3.78	.03	1.04	626	4	.14	.27	.06	29	ND	ND	3	1	21	ND	ND	188
L7*50N-6*00E	.5	2.15	12	ND	72	ND	.12	.8	9	11	14	2.01	.02	.34	516	3	.07	.11	.20	30	ND	ND	6	ND	12	3	ND	131
L7*60N-6*10E	.1	1.86	5	ND	73	ND	.13	.1	5	9	9	1.81	.01	.28	359	2	.09	.7	.15	9	ND	ND	ND	ND	18	ND	ND	101
L7*60N-6*20E	.1	2.06	ND	ND	137	ND	.10	.1	6	8	11	1.83	.01	.27	650	1	.10	.6	.18	9	ND	ND	ND	ND	14	ND	ND	126
L7*60N-6*30E	.1	2.71	3	ND	85	ND	.10	.6	8	3	13	1.33	.01	.23	346	1	.10	.12	.19	16	ND	ND	ND	ND	14	ND	ND	117
L7*60N-6*40E	.1	2.61	3	ND	145	ND	.13	.4	8	10	14	2.12	.01	.32	560	1	.12	.8	.11	10	ND	ND	ND	ND	17	ND	ND	175
L7*60N-6*50E	.1	1.29	6	ND	67	ND	.11	.1	3	6	6	1.42	.01	.23	422	2	.07	.2	.12	11	ND	ND	ND	ND	13	ND	ND	88
L7*60N-6*60E	.1	2.14	8	ND	71	ND	.09	.1	4	6	7	1.76	.01	.18	391	1	.08	.3	.22	11	ND	ND	ND	ND	11	ND	ND	93
L7*60N-6*70E	.1	2.42	4	ND	86	ND	.12	.1	5	8	8	1.38	.01	.26	377	1	.09	.3	.28	4	ND	ND	ND	ND	13	ND	ND	103
L7*60N-6*80E	.1	1.18	5	ND	82	ND	.12	.1	3	7	7	1.42	.01	.24	473	ND	.07	.4	.15	5	ND	ND	ND	ND	14	ND	ND	99
L7*60N-6*90E	.1	1.54	5	ND	62	ND	.14	.1	3	8	9	1.61	.01	.31	296	ND	.08	.5	.09	1	ND	ND	ND	ND	15	ND	ND	93
L7*60N-7*00E	.1	1.86	5	ND	92	ND	.22	.1	7	15	27	2.29	.01	.53	405	1	.19	.12	.14	6	ND	ND	ND	ND	20	ND	ND	100
L8*00N-5*00E	.1	1.40	6	ND	108	ND	.22	.1	6	17	14	1.88	.01	.61	257	1	.07	.17	.07	7	ND	ND	ND	ND	23	ND	ND	49
L8*00N-5*10E	.1	1.61	8	ND	92	ND	.16	.1	4	8	11	1.69	.01	.24	517	1	.06	.5	.19	11	ND	ND	ND	ND	18	ND	ND	66
L8*00N-5*20E	.1	4.31	ND	ND	94	ND	.12	.2	9	10	19	2.27	.01	.29	505	2	.10	.13	.22	ND	ND	ND	ND	ND	13	ND	ND	132
L8*00N-5*30E	.1	1.75	7	ND	81	ND	.10	.1	6	8	9	1.83	.01	.18	745	1	.08	.6	.20	12	ND	ND	ND	ND	10	ND	ND	102
L8*00N-5*40E	.1	3.95	8	ND	76	ND	.25	.1	12	18	49	3.09	.02	.62	313	2	.12	.18	.07	ND	ND	ND	ND	ND	22	ND	ND	149
L8*00N-5*50E	.1	3.22	ND	ND	71	3	.36	.1	16	24	201	3.36	.03	.78	582	3	.12	.32	.03	9	ND	ND	ND	ND	32	ND	ND	155
L8*00N-5*60E	.1	3.11	10	ND	56	ND	.22	.1	13	23	93	3.50	.03	.71	303	3	.12	.28	.08	6	ND	ND	ND	ND	20	ND	ND	129
L8*00N-5*70E	.1	1.72	8	ND	65	ND	.25	.1	8	15	42	2.32	.02	.54	456	1	.09	.12	.04	9	ND	ND	ND	ND	22	4	ND	94
L8*00N-5*80E	.1	2.05	9	ND	47	ND	.19	.1	5	11	19	2.02	.02	.32	264	1	.07	.3	.05	3	ND	ND	ND	ND	17	6	ND	92
L8*00N-5*90E	.1	1.31	6	ND	52	3	.16	.1	5	10	11	1.70	.02	.38	243	2	.06	.5	.07	10	ND	ND	ND	ND	15	7	ND	81
L8*00N-6*00E	.1	3.01	10	ND	72	ND	.14	.1	10	14	15	3.06	.04	.36	399	2	.10	.9	.26	7	ND	ND	ND	ND	16	6	ND	102
L8*00N-6*10E	.1	2.73	ND	ND	103	ND	.14	.1	5	9	15	1.97	.03	.28	261	1	.08	.9	.26	2	ND	ND	ND	ND	15	8	ND	114
L8*00N-6*20E	.1	1.54	6	ND	93	ND	.12	.1	3	8	10	1.74	.02	.23	377	ND	.06	.4	.13	1	ND	ND	ND	ND	13	9	ND	82
L8*00N-6*30E	.1	1.80	10	ND	56	3	.09	.1	4	7	9	1.77	.02	.23	244	1	.06	.7	.19	6	ND	ND	ND	ND	10	10	3	79
L8*00N-6*40E	.1	1.40	8	ND	59	3	.16	.1	9	13	22	2.23	.04	.56	546	1	.08	.9	.13	5	ND	ND	4	ND	15	10	ND	99
L8*00N-6*50E	.1	1.81	9	ND	40	ND	.16	.1	2	7	12	1.43	.03	.23	160	1	.04	.4	.05	3	ND	ND	ND	ND	12	12	5	32
L8*00N-6*60E	.1	1.81	7	ND	67	ND	.14	.1	4	11	13	1.67	.03	.59	303	1	.06	.5	.10	7	ND	ND	ND	ND	14	12	ND	81
L8*00N-6*70E	.1	1.37	5	ND	76	ND	.18	.1	3	9	14	1.77	.04	.37	242	ND	.05	.5	.09	ND	ND	ND	ND	ND	16	13	3	51
L8*00N-6*80E	.1	1.42	5	ND	72	4	.20	.1	4	9	15	1.77	.04	.37	255	ND	.06	.6	.12	6	ND	ND	3	ND	17	13	3	50
L8*00N-6*90E	.1	1.61	12	ND	123	ND	.20	.1	7	12	48	2.06	.05	.47	532	1	.08	.9	.11	5	ND	ND	3	ND	22	13	ND	149
L8*00N-7*00E	.1	1.41	8	ND	79	3	.15	.1	6	10	8	1.78	.04	.33	316	1	.07	.6	.13	6	ND	ND	4	ND	17	15	4	103
L8*50N-8*00W	.1	2.67	15	ND	73	ND	.10	.1	6	25	17	3.07	.07	.76	569	2	.08	.18	.36	23	ND	ND	ND	ND	12	14	ND	109
L8*50N-8*12W	.1	2.84	7	ND	93	ND	.08	.1	8	28	22	3.49	.08	.81	793	2	.09	.20	.07	15	ND	ND	ND	ND	11	14	ND	102
L8*50N-8*25W	.1	2.84	9	ND	70	3	.07	.1	6	25	22	3.30	.08	.72	703	3	.09	.19	.09	6	ND	ND	ND	ND	9	15	ND	129
L8*50N-8*37W	.1	2.80	12	ND	72	5	.10	.1	8	13	25	3.48	.03	.76	830	2	.10	.32	.10	14	ND	ND	ND	ND	15	15	ND	100
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	3	2	2	1	3	3	1

SAMPLE NAME	AG PPH	AL %	AS PPH	AJ PPH	BA PPH	BI PPH	CA %	CD PPH	CO PPH	CR PPH	CU PPH	FE %	K %	MG %	MM PPH	MO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	V PPH	ZN PPH
LB+50N-8+50N	ND	2.80	13	ND	81	ND	.19	.3	10	24	25	3.40	.05	.85	574	1	.11	30	.11	20	ND	ND	4	ND	15	ND	ND	147
LB+50N-8+62N	ND	3.00	8	ND	102	ND	.13	.5	11	30	26	3.52	.05	.90	690	2	.11	37	.06	20	ND	ND	3	ND	16	ND	ND	166
LB+50N-8+75N	ND	3.28	10	ND	109	ND	.20	.6	11	35	30	3.50	.06	.90	685	1	.11	41	.07	19	ND	ND	ND	ND	20	ND	ND	165
LB+50N-8+87N	ND	4.17	14	ND	110	ND	.13	.7	13	35	33	3.69	.07	1.10	573	ND	.12	41	.15	15	ND	ND	ND	ND	12	ND	ND	175
LB+50N-9+00N	ND	3.77	8	ND	109	ND	.41	1.2	14	38	35	3.69	.07	1.02	1699	1	.12	40	.13	16	ND	ND	ND	ND	55	ND	ND	196
LB+50N-9+12N	ND	3.05	13	ND	92	ND	.24	.4	10	32	33	3.50	.05	.87	705	1	.12	40	.13	20	ND	ND	3	ND	27	ND	ND	181
LB+50N-9+25N	ND	3.34	10	ND	84	ND	.36	.9	12	40	31	3.32	.06	.91	863	1	.12	45	.09	21	ND	ND	ND	ND	45	ND	ND	200
LB+50N-9+37N	.7	2.32	15	ND	85	ND	.66	4.6	10	58	30	2.76	.07	.92	912	2	.10	44	.09	36	ND	ND	ND	1	63	27	3	178
LB+50N-9+50N	.9	3.42	12	ND	121	ND	.15	1.3	12	31	40	3.09	.07	.79	875	1	.11	45	.10	19	ND	ND	ND	ND	17	ND	ND	191
LB+50N-9+62N	.8	2.25	16	ND	88	ND	.13	.3	9	23	27	2.92	.05	.56	1354	1	.10	29	.11	20	ND	ND	3	3	10	ND	ND	155
LB+50N-9+75N	.9	3.22	11	ND	116	ND	.09	.4	11	29	34	3.19	.06	.76	1190	2	.11	45	.17	12	ND	ND	ND	ND	10	ND	ND	176
LB+50N-9+87N	.8	2.55	12	ND	60	ND	.05	.3	9	24	28	3.08	.05	.57	756	1	.09	31	.08	18	ND	ND	ND	ND	9	ND	ND	128
LB+50N-10+00N	1.4	2.70	10	ND	69	ND	.05	.2	8	22	24	3.38	.04	.47	548	1	.09	24	.09	15	ND	ND	3	2	7	ND	ND	112
LB+50N-10+12N	1.5	3.14	10	ND	67	ND	.05	.8	8	22	25	2.39	.04	.47	771	1	.08	25	.13	17	ND	ND	ND	1	7	ND	ND	108
LB+50N-10+25N	.5	3.76	5	ND	166	ND	.07	.3	13	40	50	3.33	.08	1.14	568	ND	.10	55	.06	1	ND	ND	ND	ND	10	ND	ND	140
LB+50N-10+37N	1.2	3.31	15	ND	58	ND	.04	.2	6	20	24	2.96	.04	.41	250	1	.08	24	.05	10	ND	ND	ND	ND	6	ND	ND	107
LB+50N-10+50N	1.1	2.27	12	ND	54	ND	.05	.6	7	16	22	2.69	.03	.32	1068	1	.07	22	.06	22	ND	ND	4	2	5	ND	ND	90
LB+50N-10+62N	.6	3.39	13	ND	60	ND	.04	.4	7	20	25	3.59	.04	.42	347	1	.09	30	.06	8	ND	ND	ND	ND	7	ND	ND	100
LB+50N-10+75N	1.0	5.03	4	ND	69	ND	.04	.1	10	17	26	2.63	.04	.40	520	1	.07	25	.06	7	ND	ND	ND	ND	7	ND	ND	103
LB+50N-10+87N	.7	2.57	17	ND	53	ND	.06	.1	6	13	20	2.78	.03	.25	908	1	.07	17	.06	14	ND	ND	ND	1	8	ND	ND	90
LB+50N-11+00N	.9	4.28	8	ND	45	ND	.06	.1	7	25	25	4.67	.04	.36	216	2	.12	31	.07	12	ND	ND	ND	ND	7	ND	ND	114
L9+00N-8+00N	1.0	3.35	10	ND	52	ND	.07	.3	7	23	21	3.69	.05	.53	226	2	.09	21	.02	14	ND	ND	ND	2	7	ND	ND	92
L9+00N-8+12.5N	.3	2.96	13	ND	57	ND	.06	.1	8	30	25	4.54	.05	.61	296	3	.11	28	.06	16	ND	ND	3	1	8	ND	ND	113
L9+00N-8+25N	.1	3.31	14	ND	63	ND	.07	.1	9	32	34	4.33	.05	.71	411	4	.13	38	.07	12	ND	ND	ND	1	9	ND	ND	172
L9+00N-8+37.5N	.4	2.59	15	ND	53	6	.06	.1	7	25	28	3.39	.04	.56	306	3	.09	32	.09	18	ND	ND	ND	2	8	ND	ND	122
L9+00N-8+50N	.3	3.17	8	ND	61	ND	.06	.2	9	27	28	3.14	.04	.62	757	1	.10	39	.11	3	ND	ND	ND	ND	8	ND	ND	148
L9+00N-8+62.5N	.8	2.37	11	ND	45	ND	.05	.4	6	17	20	2.50	.04	.35	376	2	.06	18	.08	13	ND	ND	3	2	6	ND	ND	96
L9+00N-8+75N	.5	2.26	12	ND	53	ND	.05	.1	6	20	19	2.59	.04	.45	210	1	.06	22	.05	24	ND	ND	3	4	7	ND	ND	82
L9+00N-8+87.5N	.4	3.29	14	ND	63	4	.06	.3	8	29	24	3.57	.05	.66	245	1	.09	26	.04	12	ND	ND	ND	ND	8	ND	ND	110
L9+00N-9+00N	.4	2.15	21	ND	55	4	.07	.5	6	21	20	3.11	.04	.48	262	1	.08	24	.06	29	ND	ND	4	2	9	ND	ND	104
L9+00N-9+12.5N	.2	1.90	12	ND	46	ND	.04	.2	6	21	20	2.82	.06	.44	180	1	.05	26	.05	17	ND	ND	3	2	7	ND	ND	80
L9+00N-9+25N	.5	2.73	11	ND	87	ND	.07	.1	8	29	29	3.33	.04	.63	712	1	.09	31	.11	12	ND	ND	ND	1	9	ND	ND	107
L9+00N-9+37.5N	.2	1.67	12	ND	81	3	.13	.4	5	21	23	2.49	.04	.41	265	1	.07	25	.07	29	ND	ND	3	3	12	ND	ND	110
L9+00N-9+50N	.8	1.91	11	ND	78	ND	.06	.6	7	23	22	3.07	.06	.50	663	1	.08	31	.08	14	ND	ND	3	2	9	ND	ND	125
L9+00N-9+62.5N	.9	2.07	9	ND	63	ND	.05	.3	8	23	24	3.11	.03	.51	342	1	.09	28	.13	9	ND	ND	ND	1	7	ND	ND	100
L9+00N-9+75N	.9	1.70	16	ND	60	ND	.06	.2	5	14	17	2.46	.04	.23	563	1	.06	12	.05	25	ND	ND	3	3	3	ND	ND	88
L9+00N-9+87.5N	.4	1.94	15	ND	43	4	.03	.1	5	15	15	2.40	.03	.30	193	1	.05	15	.04	13	ND	ND	4	2	6	ND	ND	71
L9+00N-10+00N	.4	2.42	12	ND	96	ND	.06	.4	3	23	25	2.37	.03	.67	225	1	.03	35	.03	11	ND	ND	ND	3	8	ND	ND	99
L9+00N-10+12.5N	.2	4.25	8	ND	149	5	.06	.2	11	36	42	3.36	.06	.96	327	1	.12	52	.05	ND	ND	ND	ND	ND	10	ND	ND	179
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	3	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	Z PPM	ZN PPM	
L9+00N-10+25W	.2	3.90	ND	ND	104	ND	.05	.2	11	34	39	2.98	.07	.95	435	2	.10	49	.06	ND	ND	ND	ND	ND	9	ND	ND	142	
L9+00N-10+37.5W	.9	4.49	ND	ND	133	ND	.05	.1	12	29	43	3.25	.06	.78	465	3	.12	52	.07	2	ND	ND	ND	ND	9	ND	ND	195	
L9+00N-10+50W	.3	2.07	ND	ND	47	4	.04	.4	5	14	18	2.51	.04	.27	234	3	.06	15	.06	.22	ND	ND	ND	3	6	ND	ND	75	
L9+00N-10+52.5W	1.3	1.84	3	ND	49	ND	.03	.1	6	13	18	2.80	.06	.26	403	3	.06	16	.04	.24	ND	ND	ND	4	ND	5	ND	75	
L9+00N-10+75W	1.8	2.88	ND	ND	58	ND	.06	.1	7	13	21	2.43	.04	.24	507	2	.06	16	.05	.14	ND	ND	ND	ND	1	7	ND	81	
L9+00N-10+87.5W	1.4	2.13	ND	ND	42	ND	.03	.6	6	16	20	3.14	.05	.27	260	3	.06	19	.05	.17	ND	ND	ND	ND	1	5	ND	67	
L9+00N-11+00W	1.5	2.46	ND	ND	40	ND	.04	.3	6	.6	20	3.26	.06	.26	398	3	.08	16	.05	.18	ND	ND	ND	3	1	5	ND	94	
L9+00N-11+22.5W	.8	4.54	ND	ND	49	ND	.05	.1	9	16	33	3.06	.04	.38	514	4	.11	32	.10	.12	ND	ND	ND	ND	7	ND	ND	169	
L9+00N-11+25W	.5	2.49	ND	ND	59	4	.04	.1	8	21	26	3.40	.06	.40	333	3	.08	20	.05	.20	ND	ND	ND	ND	3	ND	ND	101	
L9+00N-11+37.5W	.4	4.65	ND	ND	54	ND	.06	.1	11	20	40	2.93	.04	.43	551	4	.11	43	.10	.12	ND	ND	ND	ND	9	ND	ND	193	
L9+00N-11+50W	.9	2.63	ND	ND	63	3	.04	.3	3	20	29	2.71	.05	.31	589	4	.09	37	.06	.13	ND	ND	ND	ND	3	ND	ND	136	
L9+75N-10+22.5W	.2	3.06	ND	ND	62	ND	.05	.4	7	27	29	2.79	.04	.57	424	3	.09	31	.10	.9	ND	ND	ND	ND	7	ND	ND	135	
L9+75N-10+25W	.8	2.58	ND	ND	90	5	.07	.1	3	33	29	3.20	.06	.68	656	2	.09	35	.09	.13	ND	ND	ND	ND	17	ND	ND	133	
L9+75N-10+37.5W	1.9	1.57	ND	ND	46	3	.05	.1	5	13	19	2.15	.05	.26	365	2	.05	11	.06	.12	ND	ND	ND	ND	1	7	ND	82	
L9+75N-10+50W	1.2	2.75	ND	ND	41	4	.04	.1	5	14	19	3.09	.04	.21	295	3	.07	12	.08	.13	ND	ND	ND	ND	1	5	ND	76	
L9+75N-10+62.5W	1.2	2.73	ND	ND	27	ND	.02	.1	4	9	14	2.04	.03	.10	115	2	.03	9	.05	.9	ND	ND	ND	ND	4	ND	ND	38	
L9+75N-10+75W	2.2	3.50	ND	ND	65	ND	.06	.9	8	23	41	3.60	.05	.57	371	6	.13	53	.07	.6	ND	ND	ND	ND	10	ND	ND	229	
L9+75N-10+87.5W	.5	3.80	ND	ND	42	ND	.04	.4	8	14	26	2.91	.04	.31	567	3	.08	22	.07	.5	ND	ND	ND	ND	6	ND	ND	121	
L9+75N-11+00W	.9	3.69	ND	ND	45	4	.04	.2	7	14	27	2.83	.04	.29	341	4	.08	24	.08	.11	ND	ND	ND	ND	6	ND	ND	125	
L9+75N-11+22.5W	.8	3.07	ND	ND	27	ND	.07	.1	7	10	38	3.31	.05	.17	355	14	.12	46	.07	.11	ND	ND	ND	ND	12	ND	ND	200	
L9+75N-11+25W	.4	4.13	ND	ND	40	ND	.06	.2	9	13	29	2.85	.04	.32	468	6	.12	42	.06	.4	ND	ND	ND	ND	7	ND	ND	223	
L9+75N-11+37.5W	.1	2.10	4	ND	41	3	.04	.5	6	14	18	2.63	.04	.29	142	5	.07	20	.04	.13	ND	ND	ND	ND	1	7	ND	3	96
L9+75N-11+50W	ND	2.63	ND	ND	39	ND	.05	.2	7	18	31	3.59	.04	.36	401	6	.13	31	.06	.15	ND	ND	ND	ND	7	ND	ND	192	
L11+50N-8+00W	ND	3.05	ND	ND	24	4	.03	.5	5	13	15	2.92	.04	.17	150	2	.05	7	.08	.9	ND	ND	ND	ND	1	4	ND	ND	15
L11+50N-8+12W	.4	1.45	4	ND	31	ND	.03	.1	6	11	15	2.77	.04	.24	126	1	.05	3	.07	.26	ND	ND	ND	ND	4	4	ND	ND	51
L11+50N-8+25W	.1	4.32	ND	ND	39	ND	.04	.1	6	13	23	2.58	.05	.43	167	2	.05	13	.06	.6	ND	ND	ND	ND	6	ND	ND	60	
L11+50N-8+37W	.2	2.39	ND	ND	31	4	.03	.1	5	10	15	2.24	.03	.26	119	2	.04	10	.03	ND	ND	ND	ND	ND	4	ND	ND	5	43
L11+50N-8+50W	ND	2.00	ND	ND	30	ND	.05	.2	4	12	20	1.65	.03	.23	117	1	.02	11	.06	.7	ND	ND	ND	ND	1	6	ND	ND	38
L11+50N-8+67W	ND	4.26	ND	ND	45	ND	.04	.1	6	15	19	3.14	.02	.26	384	2	.06	8	.09	ND	ND	ND	ND	ND	5	ND	ND	58	
L11+50N-8+75WA	ND	2.94	6	ND	25	ND	.03	.6	5	13	19	3.83	.04	.31	398	2	.08	8	.13	.18	ND	ND	ND	ND	5	ND	ND	58	
L11+50N-8+75WC	.1	4.13	ND	ND	36	ND	.03	.3	5	12	15	3.34	.03	.33	449	2	.07	5	.12	.6	ND	ND	ND	ND	5	ND	ND	74	
L11+50N-8+87W	.1	4.94	ND	ND	26	ND	.04	.1	4	15	17	2.92	.05	.25	141	2	.06	11	.10	.9	ND	ND	ND	ND	4	ND	ND	54	
L11+50N-9+00W	ND	3.68	ND	ND	35	ND	.03	.3	5	12	17	2.96	.03	.26	224	3	.07	10	.10	.5	ND	ND	ND	ND	4	ND	ND	71	
L11+50N-9+12W	ND	3.67	ND	ND	110	ND	.09	.3	11	34	46	3.21	.04	1.09	308	1	.11	53	.13	.12	ND	ND	ND	ND	12	ND	ND	160	
L11+50N-9+25W	.3	1.77	ND	ND	29	ND	.03	.2	5	10	16	2.52	.02	.19	78	1	.04	10	.05	.13	ND	ND	ND	ND	3	ND	ND	37	
L11+50N-9+37W	ND	3.07	ND	ND	54	ND	.05	.1	7	28	31	3.43	.03	.56	197	2	.08	27	.10	.6	ND	ND	ND	ND	6	ND	ND	85	
L11+50N-9+50W	.5	1.93	4	ND	44	ND	.05	.1	8	22	22	3.63	.04	.49	220	2	.07	22	.06	.13	ND	ND	ND	ND	3	5	ND	3	68
L11+50N-9+67W	.1	1.73	5	ND	33	ND	.04	.1	5	17	17	3.00	.03	.31	193	2	.06	14	.08	.12	ND	ND	ND	ND	5	ND	4	53	
L11+50N-9+75W	ND	2.41	5	ND	33	ND	.03	.1	6	24	29	4.57	.04	.31	154	3	.09	16	.08	.14	ND	ND	ND	ND	1	4	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	3	2	2	1	5	3	1	

CLIENT: PM EXPLORATIONS JOB#: 871113 PROJECT: CALIFORNIA REPORT: 871113PA DATE: 87/09/18

PAGE 12 OF 12

SAMPLE NAME	AG PPM	AL Z	AS PPH	AJ PPH	BA PPH	BI PPH	CA Z	CD PPM	CE PPH	CR PPH	CU PPH	FE Z	K Z	MG Z	MN PPM	MO PPH	NA Z	NI PPH	P Z	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	W PPH	ZN PPH
L11+50N-9+87W	.2	0.17	6	ND	55	ND	.06	.1	8	22	28	3.07	.05	.57	273	1	.08	30	.10	15	ND	ND	3	1	7	ND	ND	99
L11+50N-10+00W	.5	1.78	12	ND	42	ND	.04	.1	8	24	25	4.04	.06	.51	222	1	.09	21	.16	25	ND	ND	4	6	6	ND	ND	72
L11+50N-10+12W	ND	3.01	10	ND	64	ND	.07	.1	10	36	35	4.89	.05	.78	286	2	.12	43	.14	18	ND	ND	3	2	9	ND	ND	107
L11+50N-10+25W	.3	4.56	8	ND	80	ND	.07	.1	10	34	38	3.73	.05	.84	266	2	.11	46	.09	14	ND	ND	ND	ND	10	ND	ND	136
L11+50N-10+37W	.1	1.00	ND	ND	118	4	.09	.2	14	37	58	3.46	.06	1.07	338	2	.12	83	.11	11	ND	ND	ND	ND	13	ND	ND	182
L11+50N-10+50W	.6	2.18	10	ND	50	3	.06	.1	7	24	23	3.47	.05	.50	204	1	.07	27	.05	24	ND	ND	3	3	8	ND	ND	73
L11+50N-10+62W	.7	2.75	4	ND	66	ND	.07	.1	9	29	28	3.64	.05	.64	303	1	.08	35	.06	20	ND	ND	5	3	9	ND	ND	93
L11+50N-10+75W	1.2	2.42	12	ND	63	ND	.06	.1	9	29	27	4.30	.05	.61	263	1	.10	28	.07	22	ND	ND	4	3	9	ND	ND	95
L11+50N-10+97W	.5	0.91	4	ND	52	ND	.06	.1	9	27	30	3.81	.04	.53	401	1	.10	26	.09	15	ND	ND	3	ND	8	ND	ND	107
L11+50N-11+00W	.4	0.39	6	ND	56	ND	.05	.2	8	25	26	3.51	.04	.47	362	1	.08	25	.07	16	ND	ND	3	1	7	ND	ND	97
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



# VANGEOCHEM LAB LIMITED

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

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

## =====

### GEOCHEMICAL ANALYTICAL REPORT

## =====

CLIENT: P.M. EXPLORATIONS  
ADDRESS: 210 - 470 W. Granville St.  
: Vancouver, B.C.  
: V6C 1V5

DATE: Oct 05 1987

REPORT#: 871262 GA  
JOB#: 871262

PROJECT#: OLDTIMER  
SAMPLES ARRIVED: Sept 04 1987  
REPORT COMPLETED: Sept 28 1987  
ANALYSED FOR: Au ICP

INVOICE#: 871262 NA  
TOTAL SAMPLES: 218  
SAMPLE TYPE: 218 Soil  
REJECTS: DISCARDED

SAMPLES FROM: P.M. EXPLORATIONS  
COPY SENT TO: P.M. EXPLORATIONS

PREPARED FOR: Mr. C. Voneinsiedel

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_  


GENERAL REMARK: None





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BRANCH OFFICE  
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(604) 251-5656

REPORT NUMBER: B71262 6A

JOB NUMBER: 971262

P.M. EXPLORATIONS

PAGE 1 OF 6

SAMPLE #		Au ppb
7+00N	8+00.0W	10
7+00N	8+12.5W	10
7+00N	8+25.0W	20
7+00N	8+37.5W	15
7+00N	8+50.0W	10
7+00N	8+62.5W	15
7+00N	8+75.0W	5
7+00N	8+87.5W	40
7+00N	9+00.0W	10
7+00N	9+12.5W	20
7+00N	9+25.0W	10
7+00N	9+37.5W	nd
7+00N	9+50.0W	5
7+00N	9+62.5W	10
7+00N	9+75.0W	5
7+00N	9+87.5W	10
7+00N	10+00.0W	nd
7+00N	10+12.0W	nd
7+00N	10+25.0W	15
7+00N	10+37.0W	15
7+00N	10+50.0W	15
7+00N	10+67.0W	nd
7+00N	10+75.0W	15
7+00N	10+87.0W	20
7+00N	11+00.0W	10
7+00N	11+12.0W	30
7+00N	11+25.0W	30
7+00N	11+37.0W	15
7+00N	11+50.0W	20
7+00N	11+67.0W	15
7+00N	11+75.0W	nd
7+00N	11+87.0W	15
7+00N	12+00.0W	15
7+50N	8+00.0W	10
7+50N	8+12.5W	nd
7+50N	8+25.0W	10
7+50N	8+37.5W	10
7+50N	8+50.0W	10
7+50N	8+62.5W	35

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

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1521 PEMBERTON AVE.  
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(604) 251-5656

REPORT NUMBER: 871262 6A

JOB NUMBER: 871262

P.M. EXPLORATIONS

PAGE 2 OF 6

SAMPLE #	Au
	ppb
7+50N 8+75.0W	10
7+50N 8+87.5W	15
7+50N 9+00.0W	15
7+50N 9+12.5W	10
7+50N 9+25.0W	5
7+50N 9+37.5W	15
7+50N 9+50.0W	15
7+50N 9+62.5W	10
7+50N 9+75.0W	nd
7+50N 9+87.5W	nd
7+50N 10+00.0W	5
7+50N 10+12.5W	10
7+50N 10+25.0W	5
7+50N 10+87.5W	15
7+50N 11+00.0W	nd
7+50N 11+12.5W	15
7+50N 11+25.0W	nd
7+50N 11+37.5W	15
7+50N 11+50.0W	nd
7+50N 11+62.5W	5
7+50N 11+75.0W	nd
7+50N 11+87.5W	20
7+50N 12+00.0W	20
8+00N 8+00.0W	20
8+00N 8+12.5W	25
8+00N 8+25.0W	5
8+00N 8+37.5W	nd
8+00N 8+50.0W	nd
8+00N 8+62.5W	nd
8+00N 8+75.0W	10
8+00N 8+87.5W	5
8+00N 9+00.0W	10
8+00N 9+12.5W	20
8+00N 9+25.0W	20
8+00N 9+37.5W	nd
8+00N 9+50.0W	10
8+00N 9+62.5W	nd
8+00N 9+75.0W	15
8+00N 9+87.5W	10

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 871262 GA

JOB NUMBER: 871262

P.H. EXPLORATIONS

PAGE 3 OF 6

SAMPLE #		Au ppb
8+00N	10+00.0W	25
8+00N	10+12.5W	10
8+00N	10+25.0W	nd
8+00N	10+37.5W	nd
8+00N	10+50.0W	5
8+00N	10+62.5W	10
8+00N	10+75.0W	10
8+00N	10+87.5W	10
8+00N	11+00.0W	5
8+00N	11+12.5W	nd
8+00N	11+25.0W	25
8+00N	11+37.5W	10
8+00N	11+50.0W	15
8+00N	11+75.0W	5
8+00N	11+87.5W	10
8+00N	12+00.0W	20
8+25N	8+00.0W	30
8+25N	8+12.0W	15
8+25N	8+25.0W	20
8+25N	8+37.0W	10
8+25N	8+50.0W	10
8+25N	8+67.0W	25
8+25N	8+75.0W	nd
8+25N	8+87.0W	5
8+25N	9+00.0W	30
8+25N	9+12.0W	15
8+25N	9+25.0W	35
8+25N	9+37.0W	10
8+25N	9+50.0W	10
8+25N	9+67.0W	10
8+25N	9+75.0W	10
8+25N	9+87.0W	10
8+25N	10+00.0W	5
8+25N	10+12.0W	20
8+25N	10+25.0W	5
8+25N	10+37.0W	5
8+25N	10+50.0W	15
8+25N	10+67.0W	15
8+25N	10+75.0W	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

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

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5856

REPORT NUMBER: 871262 GA

JOB NUMBER: 871262

P.M. EXPLORATIONS

PAGE 4 OF 6

SAMPLE #		Au ppb
8+25N	10+87.0W	5
8+25N	11+00.0W	5
8+25N	11+12.0W	5
8+25N	11+25.0W	15
8+25N	11+50.0W	10
8+25N	11+75.0W	10
8+25N	11+87.0W	20
8+25N	12+00.0W	15
8+75N	8+00.0W	15
8+75N	8+12.0W	30
8+75N	8+25.0W	5
8+75N	8+37.0W	20
8+75N	8+50.0W	15
8+75N	8+67.0W	15
8+75N	8+75.0W	10
8+75N	8+87.0W	15
8+75N	9+00.0W	nd
8+75N	9+12.0W	nd
8+75N	9+25.0W	10
8+75N	9+37.0W	10
8+75N	9+50.0W	15
8+75N	9+67.0W	15
8+75N	9+75.0W	20
8+75N	9+87.0W	5
8+75N	10+00.0W	20
8+75N	10+12.0W	20
8+75N	10+25.0W	20
8+75N	10+37.0W	10
8+75N	10+50.0W	nd
8+75N	10+67.0W	10
8+75N	10+75.0W	15
8+75N	10+87.0W	15
8+75N	11+00.0W	20
8+75N	11+12.0W	10
8+75N	11+25.0W	5
8+75N	11+37.0W	5
8+75N	11+50.0W	10
8+75N	11+67.0W	15
8+75N	11+75.0W	nd

DETECTION LIMIT  
nd = none detected

5  
-- = not analysed is = insufficient sample



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871262 GA

JOB NUMBER: 871262

P.M. EXPLORATIONS

PAGE 5 OF 6

SAMPLE #		Au ppb
8+75N	11+87.0W	10
8+75N	12+00.0W	10
9+25N	8+00.0W	5
9+25N	8+12.5W	10
9+25N	8+25.0W	10
9+25N	8+37.5W	5
9+25N	8+50.0W	30
9+25N	8+62.5W	15
9+25N	8+75.0W	30
9+25N	8+87.5W	20
9+25N	9+00.0W	nd
9+25N	9+12.5W	5
9+25N	9+25.0W	20
9+25N	9+37.5W	20
9+25N	9+50.0W	10
9+25N	9+62.5W	5
9+25N	9+75.0W	10
9+25N	9+87.5W	5
9+25N	10+00.0W	5
9+25N	10+12.0W	5
9+25N	10+25.0W	10
9+25N	10+37.0W	20
9+25N	10+50.0W	15
9+25N	10+67.0W	10
9+25N	10+75.0W	10
9+25N	10+87.0W	5
9+25N	11+00.0W	10
9+25N	11+12.0W	10
9+25N	11+25.0W	5
9+25N	11+37.0W	nd
9+25N	11+50.0W	15
9+25N	11+67.5W	5
9+25N	11+75.0W	15
9+25N	11+87.0W	10
9+25N	12+00.0W	5
11+25N	8+00.0W	5
11+25N	8+12.0W	nd
11+25N	8+25.0W	nd
11+25N	8+37.0W	nd

DETECTION LIMIT 5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 871262 GA

JOB NUMBER: 871262

P.M. EXPLORATIONS

PAGE 6 OF 6

SAMPLE #		Au ppb
11+25N	8+50.0W	nd
11+25N	8+67.0W	nd
11+25N	8+75.0W	10
11+25N	8+87.0W	5
11+25N	9+00.0W	5
11+25N	9+12.0W	nd
11+25N	9+25.0W	10
11+25N	9+37.0W	nd
11+25N	9+50.0W	nd
11+25N	9+75.0W	nd
11+25N	9+87.0W	nd
11+25N	10+00.0W	nd
11+25N	10+12.0W	5
11+25N	10+25.0W	nd
11+25N	10+50.0W	5
11+25N	10+67.0W	nd
11+25N	10+75.0W	5
11+25N	10+87.0W	5
11+25N	11+00.0W	nd
11+25N	11+12.0W	nd
11+25N	11+25.0W	5
11+25N	11+37.0W	5
11+25N	11+50.0W	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

VANGEOCHEM LAB LIMITED

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

ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: P. M. EXPLORATIONS  
 ATTENTION: CARL VONEINSIEDEL  
 PROJECT: OLDTIMER

REPORT#: 871262PA  
 JOB#: 871262  
 INVOICE#: 871262NA

DATE RECEIVED: 87/09/04  
 DATE COMPLETED: 87/09/28  
 COPY SENT TO:

ANALYST *W. Jones*

PAGE 1 OF 6

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CO 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	V PPM	ZN PPM	
7+00N 8+00W	.1	3.56	2	ND	122	ND	.30	.6	15	41	34	3.65	.08	.93	1257	2	.10	47	.09	21	ND	ND	ND	3	38	ND	ND	161	
7+00N 8+12.5W	.1	3.53	5	ND	129	3	.27	.1	13	38	34	3.51	.06	.96	776	2	.10	44	.07	14	ND	ND	ND	2	36	ND	ND	160	
7+00N 8+25W	.3	3.56	4	ND	129	ND	.26	.1	14	38	35	3.67	.07	.91	682	2	.11	50	.06	13	ND	ND	ND	2	35	ND	ND	168	
7+00N 8+37.5W	.3	3.20	5	ND	128	ND	.26	.8	15	34	36	3.32	.07	.82	1210	2	.10	45	.07	15	ND	ND	ND	ND	35	ND	3	168	
7+00N 8+50W	1.4	3.75	7	ND	106	ND	.11	.1	14	29	56	3.51	.05	.69	843	3	.11	44	.08	14	ND	ND	ND	1	15	ND	ND	202	
7+00N 8+62.5W	1.2	3.88	11	ND	105	ND	.09	.7	13	30	36	3.65	.06	.70	895	3	.11	40	.10	13	ND	ND	ND	2	12	ND	ND	201	
7+00N 8+75W	.7	3.90	9	ND	108	ND	.14	.7	12	30	34	3.64	.05	.72	842	3	.12	38	.15	14	ND	ND	ND	1	14	ND	ND	195	
7+00N 8+87.5W	.5	4.56	12	ND	155	ND	.22	.1	14	41	56	4.25	.08	1.22	611	3	.12	48	.14	15	ND	ND	ND	2	22	ND	ND	155	
7+00N 9+00W	.4	4.23	13	ND	134	ND	.15	.1	13	37	58	3.53	.06	1.00	502	2	.12	49	.15	13	ND	ND	ND	2	18	ND	ND	195	
7+00N 9+12.5W	.3	4.13	8	ND	148	ND	.21	.1	14	40	33	3.92	.07	1.26	655	2	.11	45	.16	13	ND	ND	ND	3	20	ND	ND	199	
7+00N 9+25W	.2	3.63	7	ND	143	4	.23	.2	13	37	30	3.73	.05	.95	1010	2	.11	37	.11	20	ND	ND	ND	2	18	ND	ND	150	
7+00N 9+37.5W	.9	4.37	13	ND	87	ND	.08	.1	11	31	32	3.59	.04	.73	586	3	.10	31	.10	13	ND	ND	ND	2	10	ND	ND	138	
7+00N 9+50W	.3	4.18	11	ND	64	ND	.08	.1	8	28	30	3.37	.04	.62	486	3	.09	25	.14	16	ND	ND	ND	1	8	ND	ND	109	
7+00N 9+62.5W	.3	4.80	5	ND	75	ND	.07	.1	9	31	29	3.35	.04	.70	444	3	.09	28	.14	10	ND	ND	ND	1	9	ND	ND	112	
7+00N 9+75W	1.2	4.66	9	ND	63	4	.06	.1	8	26	28	3.03	.04	.55	387	3	.08	25	.14	10	ND	ND	ND	3	8	ND	ND	105	
7+00N 9+87.5W	.2	4.69	16	ND	101	ND	.06	.1	10	32	35	3.27	.05	.78	358	3	.09	48	.11	10	ND	ND	ND	2	11	ND	ND	129	
7+00N 10+00W	.5	4.31	14	ND	76	ND	.06	.1	9	29	34	3.34	.05	.66	372	3	.08	40	.13	12	ND	ND	ND	1	10	ND	ND	119	
7+00N 10+12W	.5	3.91	7	ND	101	ND	.08	.1	11	30	42	3.14	.05	.75	503	3	.09	51	.12	9	ND	ND	ND	ND	12	ND	ND	135	
7+00N 10+25W	1.3	3.43	6	ND	58	ND	.06	.1	7	23	28	2.58	.03	.42	544	3	.07	28	.11	15	ND	ND	ND	4	8	ND	ND	95	
7+00N 10+27W	.7	3.96	10	ND	51	ND	.05	.1	6	24	26	2.96	.02	.39	301	3	.07	21	.09	12	ND	ND	ND	4	7	ND	ND	87	
7+00N 10+50W	.8	3.95	ND	ND	107	ND	.11	.2	12	33	45	3.32	.06	.73	692	3	.09	51	.12	13	ND	ND	ND	ND	14	ND	ND	147	
7+00N 10+67W	1.2	4.25	9	ND	96	5	.10	.1	11	35	50	3.45	.08	.83	430	4	.10	68	.11	11	ND	ND	ND	1	14	ND	ND	180	
7+00N 10+75W	.7	3.29	8	ND	104	ND	.09	.4	13	29	54	3.12	.08	.78	481	2	.09	63	.10	19	ND	ND	ND	2	15	ND	ND	161	
7+00N 10+87W	.3	4.54	8	ND	127	ND	.10	.1	12	34	46	3.55	.08	.90	440	3	.08	58	.20	11	ND	ND	ND	2	14	ND	ND	107	
7+00N 11+00W	.2	5.64	14	ND	75	ND	.11	.1	14	41	59	3.97	.08	1.09	387	4	.10	78	.13	11	ND	ND	ND	2	15	ND	ND	133	
7+00N 11+12W	.1	2.81	10	3	136	ND	.42	.1	39	119	61	5.17	.08	4.97	885	2	.17	358	.25	5	ND	ND	ND	1	60	ND	ND	99	
7+00N 11+25W	.1	3.42	14	4	141	3	.58	.1	56	158	61	6.36	.09	7.45	1218	1	.22	518	.31	1	3	ND	ND	ND	ND	83	ND	7	78
7+00N 11+37W	.2	4.82	10	ND	101	ND	.09	.1	16	52	49	3.66	.06	1.10	385	3	.10	85	.11	13	ND	ND	ND	1	14	ND	ND	144	
7+00N 11+50W	.6	3.60	9	ND	96	5	.06	.1	12	29	46	3.10	.06	.78	326	2	.08	52	.11	14	ND	ND	ND	2	12	ND	ND	128	
7+00N 11+67W	.2	3.74	8	ND	119	3	.07	.1	15	32	62	3.39	.08	.92	363	3	.08	75	.10	13	ND	ND	ND	2	15	ND	4	129	
7+00N 11+75W	.6	3.69	6	ND	93	ND	.07	.1	13	29	48	3.23	.08	.81	370	3	.08	59	.10	11	ND	ND	3	2	14	ND	ND	139	
7+00N 11+87W	.5	4.11	12	ND	79	ND	.07	.1	14	26	47	3.18	.07	.74	384	3	.08	45	.10	12	ND	ND	3	3	13	ND	4	130	
7+00N 12+00W	.5	3.86	9	ND	89	ND	.08	.1	12	28	48	3.29	.07	.81	362	3	.08	52	.11	11	ND	ND	ND	2	13	ND	3	124	
7+50N 8+00W	.1	2.59	10	ND	107	ND	.13	.1	9	28	25	3.60	.05	.79	588	1	.09	28	.10	24	ND	ND	ND	4	17	ND	4	121	
7+50N 8+12.5W	.1	3.77	7	ND	134	ND	.18	.1	14	43	29	3.94	.07	1.00	958	3	.11	37	.11	23	ND	ND	ND	2	20	ND	ND	160	
7+50N 8+25W	.1	3.91	11	ND	151	ND	.19	.1	16	45	31	4.05	.07	1.09	1016	3	.12	42	.09	27	ND	ND	3	2	22	ND	ND	200	
7+50N 8+37.5W	.4	3.19	6	ND	131	ND	.33	1.1	13	39	31	3.35	.07	.93	1112	2	.09	39	.08	23	ND	ND	ND	3	38	ND	ND	176	
7+50N 8+50W	.2	2.90	12	ND	153	ND	.25	.1	11	35	28	3.46	.05	.82	648	2	.11	39	.08	24	ND	ND	ND	4	22	ND	ND	181	
7+50N 8+62.5W	.1	3.28	11	ND	81	3	.09	.1	11	34	34	3.52	.05	.80	451	3	.11	41	.08	19	ND	ND	ND	4	16	ND	ND	156	

SAMPLE NAME	AG	AL	AS	AU	BA	BI	CA	CD	CO	CP	CU	FE	K	MO	MN	MG	NA	NI	P	PD	PD	PT	SB	SK	SE	TI	V	ZN
	PPM	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	%	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
7:50N 8+75N	.1	2.82	17	ND	139	ND	.29	.2	10	35	27	3.25	.06	.68	1760	2	.11	35	.10	51	ND	ND	5	2	23	4	ND	197
7:50N 8+87.5N	.6	2.14	6	ND	66	ND	.67	.1	7	25	21	3.26	.05	.51	383	1	.08	28	.07	23	ND	ND	ND	3	10	ND	ND	101
7:50N 9+00N	.1	3.07	15	ND	89	ND	.11	.1	11	35	29	3.72	.06	.84	716	2	.11	35	.12	36	ND	ND	5	2	11	ND	ND	167
7:50N 9+12.5N	.1	3.13	11	ND	110	ND	.21	.1	12	33	28	3.58	.07	.79	1136	2	.10	39	.08	23	ND	ND	3	3	25	ND	ND	168
7:50N 9+25N	.1	3.52	6	ND	139	ND	.36	1.4	15	37	30	3.46	.07	.63	2060	2	.11	41	.06	19	ND	ND	ND	2	42	ND	ND	186
7:50N 9+37.5N	.1	3.22	5	ND	93	ND	.11	.1	11	38	25	3.50	.06	.67	718	2	.09	30	.06	19	ND	ND	ND	1	12	ND	ND	134
7:50N 9+50N	.5	3.04	3	ND	60	ND	.07	.1	8	25	23	3.23	.05	.45	521	2	.08	25	.10	14	ND	ND	3	3	8	ND	ND	110
7:50N 9+62.5N	.5	2.60	ND	ND	47	ND	.06	.1	6	20	19	2.85	.05	.34	466	1	.06	16	.08	19	ND	ND	ND	2	7	ND	ND	80
7:50N 9+75N	1.1	2.15	ND	ND	59	ND	.05	.1	7	18	22	2.74	.06	.38	617	ND	.05	23	.10	18	ND	ND	ND	2	7	8	ND	79
7:50N 9+87.5N	1.2	2.42	ND	ND	63	ND	.06	.1	6	21	22	2.65	.05	.42	475	1	.07	22	.06	19	ND	ND	ND	2	8	3	3	113
7:50N 10+00N	1.1	1.66	ND	ND	70	ND	.12	.2	6	20	20	2.65	.05	.40	460	1	.07	25	.09	29	ND	ND	ND	3	14	ND	3	100
7:50N 10+12.5N	1.3	1.77	6	ND	49	ND	.05	.3	6	19	22	2.76	.05	.58	451	1	.06	23	.09	32	ND	ND	ND	3	8	ND	ND	89
7:50N 10+25N	1.6	1.98	ND	ND	62	ND	.06	.5	7	22	23	3.07	.06	.44	281	2	.07	32	.05	22	ND	ND	3	3	10	ND	ND	92
7:50N 10+37.5N	.3	3.89	9	ND	42	ND	.44	.1	6	18	21	2.67	.05	.28	248	3	.05	16	.09	16	ND	ND	3	4	6	3	3	76
7:50N 11+00N	.6	2.35	9	ND	53	ND	.05	.3	6	17	20	2.68	.05	.30	470	1	.05	21	.07	54	ND	ND	5	4	7	ND	ND	78
7:50N 11+12.5N	.5	2.94	12	ND	47	ND	.85	.1	7	23	22	4.07	.06	.33	279	3	.09	21	.08	36	ND	ND	6	3	7	ND	ND	93
7:50N 11+25N	.5	2.71	17	ND	56	ND	.05	.2	7	23	26	3.53	.06	.47	460	2	.08	30	.09	30	ND	ND	6	2	8	ND	4	115
7:50N 11+37.5N	.1	3.87	11	ND	57	ND	.05	.1	7	25	22	4.11	.06	.41	205	3	.09	26	.08	19	ND	ND	5	2	7	ND	ND	77
7:50N 11+50N	.1	1.94	ND	ND	81	ND	.06	.1	7	19	20	2.84	.05	.25	1672	ND	.06	23	.07	29	ND	ND	ND	2	9	ND	ND	76
7:50N 11+62.5N	.2	1.73	3	ND	51	ND	.05	.1	6	16	17	2.47	.04	.25	759	ND	.05	18	.08	24	ND	ND	ND	4	7	ND	ND	66
7:50N 11+75N	.3	.85	ND	ND	32	ND	.05	.6	3	9	11	1.42	.04	.13	104	ND	.02	14	.02	40	ND	ND	ND	4	6	3	4	36
7:50N 11+87.5N	.1	2.90	3	ND	48	ND	.06	.1	7	20	21	2.98	.05	.43	237	2	.06	27	.06	18	ND	ND	ND	3	9	ND	4	90
7:50N 12+00N	.1	3.22	12	ND	46	ND	.05	.1	7	19	21	2.88	.05	.42	238	2	.06	21	.06	21	ND	ND	6	2	8	ND	ND	83
8:00N 8+00N	.1	2.17	3	ND	69	ND	.16	.1	7	22	20	2.73	.05	.54	1074	1	.07	24	.10	39	ND	ND	ND	2	13	ND	ND	109
8:00N 8+12.5N	.3	2.88	ND	ND	67	ND	.08	.2	9	28	24	3.31	.06	.72	561	2	.09	29	.07	27	ND	ND	5	3	9	ND	ND	125
8:00N 8+25N	.1	2.63	6	ND	83	ND	.10	.1	11	29	24	3.14	.05	.70	620	2	.10	20	.05	22	ND	ND	3	1	10	ND	ND	143
8:00N 8+37.5N	.1	2.65	8	ND	76	ND	.10	.2	10	26	23	3.27	.06	.73	783	1	.10	31	.10	29	ND	ND	5	1	10	ND	ND	149
8:00N 8+50N	.1	3.17	5	ND	68	3	.10	.1	10	25	24	3.46	.06	.78	502	2	.10	30	.10	21	ND	ND	ND	1	10	ND	ND	157
8:00N 8+62.5N	.1	2.88	6	ND	97	ND	.09	.1	11	29	26	3.37	.06	.74	659	2	.10	31	.07	23	ND	ND	3	3	12	ND	ND	158
8:00N 8+75N	.1	2.91	8	ND	84	ND	.05	.1	11	28	27	3.52	.06	.71	653	2	.11	30	.08	21	ND	ND	5	2	9	ND	ND	173
8:00N 8+87.5N	.1	3.19	3	ND	123	ND	.31	.6	13	43	30	3.22	.09	.81	1519	2	.09	39	.09	24	ND	ND	3	1	38	8	ND	185
8:00N 9+00N	.1	2.64	ND	ND	131	ND	.23	1.3	11	32	26	2.83	.06	.74	1266	1	.09	34	.08	41	ND	ND	ND	2	25	ND	ND	168
8:00N 9+12.5N	.1	3.44	6	ND	85	ND	.06	.1	10	37	30	3.55	.06	.82	779	2	.11	43	.10	23	ND	ND	5	1	11	ND	ND	181
8:00N 9+25N	.1	3.25	11	ND	70	ND	.07	.1	10	34	27	3.33	.07	.74	761	2	.10	35	.10	23	ND	ND	6	2	10	3	ND	156
8:00N 9+37.5N	.1	3.21	12	ND	95	ND	.26	.2	10	37	25	3.21	.07	.73	1429	2	.08	32	.11	21	ND	ND	3	2	30	ND	4	135
8:00N 9+50N	.1	3.35	9	ND	134	ND	.59	.5	11	55	23	3.51	.07	.56	1495	2	.11	26	.12	24	ND	ND	3	2	60	ND	ND	154
8:00N 9+62.5N	.1	3.00	ND	ND	117	ND	.76	1.3	11	47	26	3.25	.08	1.00	1541	1	.11	30	.13	97	ND	ND	ND	2	77	ND	ND	175
8:00N 9+75N	.1	3.00	ND	ND	125	ND	.87	1.5	11	40	27	3.05	.07	.84	2009	1	.12	34	.13	65	ND	ND	ND	1	93	ND	ND	197
8:00N 9+87.5N	.1	3.20	11	ND	109	ND	.20	.6	12	33	29	3.59	.06	.70	820	4	.11	38	.06	33	ND	ND	3	1	24	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



SAMPLE NAME	AG	AL	AS	AJ	BA	BF	CA	CO	CO	CR	CU	FE	K	MG	MA	MO	NA	NI	P	FB	PS	PT	SE	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	PPM	PPM	PPM
E-00N 10+00L	.7	2.72	13	ND	56	7	.12	.6	10	31	29	3.00	.05	.02	1084	3	.10	33	.10	24	ND	ND	5	1	13	ND	ND	163
E-00N 10+12.5W	2.1	3.41	15	ND	86	5	.07	.6	10	28	31	3.23	.04	.61	900	2	.10	36	.13	11	ND	ND	4	ND	10	ND	ND	159
F+00N 10+25N	1.2	2.54	7	ND	94	8	.06	.2	8	24	28	3.35	.05	.51	1378	2	.09	31	.10	10	ND	ND	ND	1	10	ND	ND	140
E-00N 10+37.5W	.9	2.40	ND	ND	69	4	.05	.3	7	23	26	3.15	.05	.47	650	1	.08	31	.05	20	ND	ND	4	ND	9	ND	ND	134
E-00N 10+50W	.6	3.26	10	ND	77	ND	.06	.1	9	26	30	3.45	.05	.53	1107	2	.09	34	.08	19	ND	ND	5	2	9	ND	ND	129
F-00N 10+62.5W	1.1	2.96	15	ND	56	ND	.05	.1	7	22	28	3.07	.04	.46	500	2	.08	28	.06	29	ND	ND	8	2	8	ND	ND	107
E-00N 10+75W	1.6	3.97	19	ND	55	ND	.05	.1	8	24	31	2.97	.05	.45	246	4	.08	35	.06	19	ND	ND	7	2	9	ND	ND	137
E-00N 10+87.5W	1.0	2.82	21	ND	60	7	.06	.1	7	22	28	3.13	.05	.41	408	3	.08	30	.05	00	ND	ND	5	3	9	ND	ND	139
E-00N 11+00W	.9	3.83	13	ND	65	5	.08	.1	7	23	30	3.18	.03	.42	712	3	.10	32	.09	16	ND	ND	4	1	11	ND	ND	175
E-00N 11+12.5W	.1	2.27	3	ND	88	4	.08	.3	7	20	30	2.95	.03	.42	2006	3	.10	34	.07	59	ND	ND	ND	ND	13	ND	ND	171
E-00N 11+25W	.6	2.39	4	ND	49	7	.05	.1	5	18	21	2.96	.02	.36	217	1	.07	23	.05	20	ND	ND	4	3	8	ND	ND	89
E-00N 11+37.5W	.2	2.08	18	ND	84	ND	.06	1.1	7	16	23	2.51	.01	.38	1206	ND	.08	24	.06	100	ND	ND	4	3	9	ND	ND	116
E-00N 11+50W	.7	3.02	13	ND	121	5	.07	.3	10	22	31	3.01	.03	.53	1502	1	.09	38	.10	14	ND	ND	ND	2	10	ND	3	153
E-00N 11+75W	.2	1.60	ND	ND	42	ND	.04	.1	5	15	13	2.34	.05	.29	188	ND	.04	17	.04	24	ND	ND	ND	4	6	ND	ND	42
E-00N 11+87.5W	.3	1.61	4	ND	40	4	.05	.2	5	14	17	2.57	.02	.25	192	ND	.05	18	.04	16	ND	ND	ND	2	8	ND	3	51
E-00N 12+00W	.1	4.14	10	ND	74	4	.06	.1	6	26	30	3.65	.04	.59	891	2	.09	33	.11	23	ND	ND	4	2	10	ND	ND	99
E-25N 8+00W	.1	2.91	6	ND	65	4	.09	.1	8	26	21	3.31	.03	.67	345	1	.09	24	.07	16	ND	ND	ND	2	10	ND	ND	106
E-25N 8+12W	.1	2.82	ND	ND	63	4	.09	.1	8	26	21	3.66	.03	.64	358	1	.09	22	.06	18	ND	ND	ND	2	10	ND	ND	102
E-25N 8+25W	.1	3.78	9	ND	85	ND	.14	.1	10	36	29	3.91	.04	.93	337	3	.12	35	.11	22	ND	ND	4	1	14	ND	5	167
E-25N 8+37W	.1	3.89	12	ND	82	ND	.10	.1	11	37	34	3.91	.05	.90	725	3	.13	37	.14	12	ND	ND	4	ND	11	ND	ND	191
E-25N 8+50W	.1	4.01	15	ND	81	4	.11	.1	11	37	34	3.87	.04	.92	622	3	.12	40	.13	13	ND	ND	4	ND	11	ND	ND	192
E-25N 8+67W	.1	3.37	13	ND	104	ND	.21	.1	12	38	29	3.55	.04	.96	811	2	.11	42	.08	19	ND	ND	ND	1	27	ND	3	170
E-25N 8+75W	.1	3.53	7	ND	104	ND	.20	.3	12	40	30	3.75	.05	1.00	802	2	.12	41	.08	18	ND	ND	ND	1	29	ND	ND	176
E-25N 8+87W	.1	3.27	6	ND	120	ND	.15	.1	13	39	26	3.57	.04	.97	1211	2	.11	38	.10	19	ND	ND	ND	1	19	ND	ND	179
E-25N 9+00W	.1	3.77	12	ND	127	7	.16	.1	13	42	29	3.87	.05	1.04	1227	2	.12	42	.11	19	ND	ND	ND	ND	21	ND	ND	195
E-25N 9+12W	.6	3.50	6	ND	105	ND	.12	.5	10	31	33	3.53	.03	.74	631	2	.12	43	.10	16	ND	ND	ND	ND	13	ND	ND	206
E-25N 9+25W	.4	3.01	9	ND	102	5	.12	.5	10	30	33	3.46	.04	.73	756	2	.11	42	.12	18	ND	ND	4	1	13	ND	ND	199
E-25N 9+37W	.1	3.40	12	ND	111	ND	.42	.6	11	39	29	3.45	.05	.80	1080	2	.11	42	.08	24	ND	ND	ND	ND	54	ND	ND	178
E-25N 9+50W	1.0	3.14	9	ND	124	ND	.09	.9	12	31	32	3.45	.04	.74	1185	3	.11	38	.09	19	ND	ND	ND	1	12	ND	ND	169
E-25N 9+67W	.4	3.60	9	ND	170	ND	.06	.7	13	33	44	3.35	.05	.83	105E	2	.10	49	.08	14	ND	ND	ND	1	11	ND	ND	142
E-25N 9+75W	.5	3.27	ND	ND	95	ND	.07	.6	11	32	33	3.44	.04	.73	868	3	.10	37	.07	12	ND	ND	ND	1	11	ND	ND	159
E-25N 9+87W	.3	3.94	7	ND	218	4	.07	.9	15	36	53	3.67	.06	.97	1065	2	.10	65	.08	18	ND	ND	ND	ND	13	ND	ND	158
E-25N 10+00W	1.5	2.84	3	ND	82	ND	.06	.3	9	26	25	2.92	.04	.55	1125	1	.08	28	.11	13	ND	ND	ND	1	9	ND	ND	112
E-25N 10+12W	1.1	3.92	9	ND	111	5	.06	.1	11	39	48	3.46	.06	1.01	428	2	.10	61	.06	7	ND	ND	ND	ND	10	ND	ND	159
E-25N 10+25W	.9	3.77	7	ND	110	ND	.07	.1	9	31	38	3.21	.05	.72	610	2	.09	44	.08	15	ND	ND	4	1	9	ND	ND	142
E-25N 10+37W	.7	4.08	10	ND	138	ND	.07	.1	11	33	47	3.42	.07	.88	563	2	.10	60	.08	11	ND	ND	ND	1	12	ND	ND	144
E-25N 10+50W	.1	3.66	4	ND	157	4	.05	.1	13	33	53	3.39	.07	.94	380	2	.09	70	.06	12	ND	ND	4	ND	13	ND	8	153
E-25N 10+67W	.5	4.55	12	ND	83	ND	.05	.1	8	25	31	3.07	.03	.54	372	3	.08	36	.06	11	ND	ND	ND	1	9	ND	ND	102
E-25N 10+75W	.2	3.74	6	ND	111	ND	.06	.2	11	27	38	3.22	.04	.69	649	2	.09	49	.06	14	ND	ND	ND	1	11	ND	ND	141
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

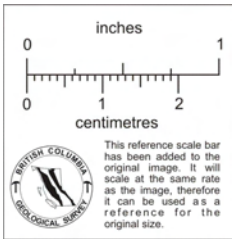
SAMPLE NAME	AG PPH	AL Z	AS PPH	AU PPH	BA PPH	BI PPH	CA Z	CD PPH	CO PPH	CR PPH	CU PPH	FE Z	K Z	MG Z	MN PPH	MO PPH	NA Z	NI PPH	P Z	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	V PPH	ZN PPH	
8+25N 10+87W	2.3	5.14	15	ND	55	ND	.05	.1	11	23	38	2.61	.05	.42	392	5	.12	39	.08	12	ND	ND	5	2	9	ND	ND	258	
8+25N 11+00W	2.8	5.00	18	ND	61	ND	.05	.1	11	23	37	2.96	.05	.44	417	5	.13	44	.08	14	ND	ND	5	1	10	ND	ND	284	
8+25N 11+12W	1.3	4.47	16	ND	78	ND	.05	.1	11	26	43	3.03	.06	.62	341	4	.08	49	.10	10	ND	ND	5	1	10	ND	ND	148	
8+25N 11+25W	.6	4.62	16	ND	81	ND	.05	.1	11	30	46	3.24	.07	.75	369	4	.11	56	.09	13	ND	ND	5	1	11	ND	ND	219	
9+25N 11+50W	.6	3.53	7	ND	102	5	.06	.1	12	24	44	2.58	.07	.70	595	2	.07	49	.10	12	ND	ND	4	1	12	ND	ND	119	
9+25N 11+75W	.1	3.60	3	ND	131	ND	.04	.1	12	22	78	3.81	.09	.50	257	2	.07	42	.05	10	ND	ND	ND	1	9	ND	ND	52	
8+25N 11+87W	.9	4.63	12	ND	69	ND	.05	.1	10	23	33	2.07	.04	.48	419	5	.08	30	.09	13	ND	ND	4	2	8	ND	ND	199	
8+25N 12+00W	.5	4.36	4	ND	90	3	.07	.1	12	26	49	3.11	.06	.71	366	2	.09	48	.12	10	ND	ND	ND	ND	13	ND	ND	130	
9+75N 8+00W	.3	2.64	7	ND	48	ND	.07	.1	7	23	20	3.58	.05	.55	242	1	.09	17	.13	24	ND	ND	ND	2	7	ND	ND	97	
9+75N 8+12W	.3	2.77	7	ND	49	ND	.07	.1	7	23	21	3.22	.05	.63	275	1	.10	17	.12	22	ND	ND	ND	2	7	ND	ND	95	
9+75N 8+25W	.4	3.09	4	ND	58	5	.08	.1	8	24	20	3.41	.05	.69	547	2	.09	23	.08	18	ND	ND	ND	1	9	ND	ND	111	
8+75N 8+27W	.1	3.23	3	ND	56	ND	.08	.1	12	41	27	3.17	.06	.96	1599	2	.10	38	.07	23	ND	ND	ND	1	68	ND	ND	154	
8+75N 8+50W	.1	3.28	7	ND	95	ND	.31	.1	14	44	27	3.44	.05	1.01	1765	2	.10	41	.07	22	ND	ND	ND	3	55	ND	ND	161	
9+75N 8+67W	.5	3.11	ND	ND	63	ND	.06	.1	7	27	24	3.16	.03	.60	322	2	.08	22	.09	16	ND	ND	ND	2	2	ND	ND	108	
8+75N 8+75W	.7	2.91	13	ND	69	ND	.06	.1	8	27	34	3.20	.04	.59	359	2	.07	26	.12	10	ND	ND	ND	4	3	7	3	ND	105
8+75N 8+87W	.3	3.23	7	ND	52	6	.17	.1	10	40	19	3.48	.05	.32	351	1	.09	20	.03	13	ND	ND	ND	1	12	ND	ND	104	
9+75N 9+00W	.2	2.99	ND	ND	102	ND	.12	.1	9	28	23	3.17	.05	.80	663	1	.09	28	.10	21	ND	ND	ND	2	12	ND	ND	130	
9+75N 9+12W	.1	3.22	9	ND	107	ND	.09	.1	12	36	33	3.57	.05	.86	1456	2	.11	38	.15	44	ND	ND	ND	1	10	ND	ND	143	
9+75N 9+25W	.1	3.06	3	ND	90	ND	.08	.1	10	32	50	3.26	.04	.82	625	2	.10	42	.11	19	ND	ND	ND	1	9	ND	ND	149	
9+75N 9+37W	.4	2.81	3	ND	81	ND	.11	.4	10	35	27	2.58	.04	.74	474	1	.10	38	.10	23	ND	ND	ND	2	14	ND	ND	172	
8+75N 9+50W	.4	3.72	6	ND	142	3	.08	.1	11	40	49	3.17	.07	1.03	395	2	.11	70	.09	18	ND	ND	ND	ND	10	ND	ND	191	
8+75N 9+57W	.4	3.97	10	ND	122	5	.08	.1	11	28	45	3.24	.05	1.11	401	3	.12	63	.11	13	ND	ND	4	1	10	ND	ND	225	
9+75N 9+75W	.2	4.09	10	ND	167	6	.09	.1	10	44	57	2.45	.08	1.19	375	3	.11	67	.10	15	ND	ND	4	1	12	ND	ND	194	
9+75N 9+87W	1.0	3.77	13	ND	107	5	.09	.1	10	32	37	3.11	.05	.82	330	1	.09	45	.12	12	ND	ND	ND	1	13	ND	ND	152	
8+75N 10+00W	.2	3.95	ND	ND	153	3	.06	.1	12	39	56	3.63	.08	1.11	352	2	.10	80	.08	11	ND	ND	ND	1	11	ND	ND	161	
8+75N 10+12W	.4	3.44	3	ND	112	3	.07	.1	11	38	41	3.21	.06	1.02	298	2	.10	60	.06	10	ND	ND	ND	1	11	ND	ND	170	
9+75N 10+25W	.1	3.33	18	ND	200	ND	.06	.5	19	40	50	2.87	.08	1.02	1432	1	.11	76	.05	56	ND	ND	5	ND	11	ND	ND	185	
8+75N 10+37W	.5	4.01	ND	ND	136	ND	.05	.1	11	36	26	3.05	.06	.57	504	2	.09	46	.09	12	ND	ND	ND	ND	5	ND	ND	145	
9+75N 10+50W	1.2	4.56	13	ND	79	5	.05	.1	10	26	24	2.58	.04	.64	275	3	.09	32	.06	6	ND	ND	4	1	7	ND	ND	150	
8+75N 10+67W	1.2	5.03	9	ND	86	ND	.05	.1	12	32	35	3.02	.04	.69	343	4	.09	31	.07	4	ND	ND	4	2	8	ND	ND	179	
8+75N 10+75W	.1	3.52	10	ND	148	2	.06	.1	11	31	40	3.28	.06	.82	764	2	.09	43	.08	15	ND	ND	ND	ND	9	ND	ND	170	
9+75N 10+87W	.1	4.22	7	ND	153	3	.05	.1	13	33	47	3.43	.07	.62	634	3	.11	62	.05	13	ND	ND	ND	ND	10	ND	ND	150	
9+75N 11+00W	.7	4.11	9	ND	127	5	.07	.1	14	32	34	3.44	.07	.92	539	3	.10	69	.10	10	ND	ND	4	ND	14	ND	ND	164	
9+75N 11+12W	.5	4.91	11	ND	97	5	.07	.1	11	31	44	3.42	.05	.63	313	3	.11	50	.12	11	ND	ND	1	ND	10	ND	ND	152	
9+75N 11+25W	.1	4.14	9	ND	111	5	.06	.1	12	26	35	3.42	.07	.91	477	5	.10	66	.14	7	ND	ND	ND	1	15	ND	ND	151	
9+75N 11+37W	.2	4.50	7	ND	112	ND	.07	.1	12	16	22	3.37	.05	.85	371	2	.11	70	.11	11	ND	ND	3	ND	14	ND	ND	156	
9+75N 11+50W	.9	3.99	10	ND	100	3	.06	.1	12	31	55	3.41	.05	.85	411	5	.10	72	.10	12	ND	ND	4	ND	14	ND	ND	158	
9+75N 11+67W	.2	4.43	12	ND	107	3	.05	.1	14	34	47	3.52	.06	.93	513	3	.11	67	.11	11	ND	ND	ND	1	12	ND	ND	192	
8+75N 11+75W	.8	3.25	ND	ND	67	ND	.05	.1	7	21	24	3.01	.05	.42	822	1	.08	25	.06	14	ND	ND	ND	2	7	ND	ND	116	
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	.01	1	.01	1	3	5	2	2	1	1	1	1	1	

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SE PPM	SI PPM	T PPM	V PPM	ZN PPM	
8+75N 11+87W	.3	3.61	17	ND	72	ND	.06	.1	8	24	26	3.20	.05	.45	877	3	.08	29	.08	13	ND	ND	4	ND	9	ND	ND	105	
8+75N 12+00W	.1	3.43	6	ND	72	ND	.06	.1	9	24	25	2.93	.04	.50	777	2	.07	32	.10	13	ND	ND	5	1	9	ND	ND	95	
9+25N 8+00W	.3	1.86	ND	ND	39	ND	.05	.1	5	19	15	2.64	.04	.52	137	1	.04	8	.06	22	ND	ND	ND	1	5	ND	ND	49	
9+25N 8+12.5W	.1	2.49	3	ND	54	ND	.06	.1	6	25	22	3.24	.05	.48	258	2	.07	22	.07	27	ND	ND	4	ND	7	ND	3	97	
9+25N 8+25W	.1	2.93	ND	ND	70	ND	.08	.1	8	28	26	3.10	.05	.64	859	3	.08	23	.10	15	ND	ND	ND	1	10	ND	ND	24	
9+25N 9+37.5W	.1	4.20	17	ND	50	3	.07	.1	7	27	26	3.54	.05	.54	306	4	.09	19	.11	12	ND	ND	4	1	7	ND	ND	110	
9+25N 9+50W	.6	2.81	8	ND	40	ND	.06	.1	5	23	20	3.87	.05	.37	219	2	.08	14	.07	37	ND	ND	4	1	6	ND	ND	82	
9+25N 9+62.5W	.7	2.91	8	ND	43	ND	.05	.1	6	19	22	3.28	.05	.29	231	3	.07	11	.08	33	ND	ND	ND	ND	5	ND	3	79	
9+25N 8+75W	.6	3.38	6	ND	52	ND	.05	.1	6	23	20	2.99	.04	.43	190	2	.07	13	.06	14	ND	ND	4	1	6	ND	ND	95	
9+25N 8+87.5W	.1	2.63	5	ND	47	ND	.04	.1	6	25	19	3.19	.04	.46	229	2	.06	19	.10	22	ND	ND	ND	ND	6	ND	5	95	
9+25N 9+00W	.3	4.00	6	ND	53	3	.05	.1	6	28	22	2.98	.04	.51	268	3	.08	19	.10	14	ND	ND	4	1	6	ND	ND	114	
9+25N 9+12.5W	.5	2.94	9	ND	46	ND	.06	.1	5	26	20	3.51	.05	.42	112	3	.09	20	.07	22	ND	ND	4	1	7	ND	ND	100	
9+25N 9+25W	.5	1.99	ND	ND	53	ND	.05	.1	5	21	19	2.78	.04	.37	223	1	.05	13	.06	21	ND	ND	ND	ND	1	7	ND	3	80
9+25N 9+37.5W	.1	2.78	6	ND	47	ND	.05	.1	6	26	20	3.24	.05	.46	179	2	.07	20	.04	21	ND	ND	ND	ND	7	ND	3	99	
9+25N 9+50W	1.5	2.49	ND	ND	65	ND	.05	.1	7	25	22	3.33	.05	.52	325	2	.06	23	.05	11	ND	ND	ND	ND	7	ND	ND	104	
9+25N 9+62.5W	1.1	1.79	ND	ND	46	3	.05	.1	4	15	15	1.87	.04	.27	152	ND	.02	11	.02	23	ND	ND	ND	1	7	ND	4	52	
9+25N 9+75W	.1	2.37	ND	ND	71	ND	.06	.1	7	20	18	2.73	.04	.29	621	1	.07	13	.07	16	ND	ND	ND	2	9	ND	ND	103	
9+25N 9+87.5W	1.5	2.31	ND	ND	146	8	.09	.8	10	32	26	2.83	.05	.66	506	1	.07	29	.06	24	ND	ND	ND	1	10	ND	ND	93	
9+25N 10+00W	.1	3.50	3	ND	64	ND	.04	.1	6	28	20	3.16	.05	.31	297	3	.07	22	.05	21	ND	ND	ND	1	6	ND	ND	91	
9+25N 10+12W	1.2	2.00	ND	ND	42	ND	.04	.1	6	17	15	2.76	.05	.27	450	1	.05	9	.08	16	ND	ND	ND	2	6	ND	5	50	
9+25N 10+25W	.7	4.45	5	ND	48	ND	.06	.1	7	13	22	2.52	.05	.32	353	3	.05	24	.10	7	ND	ND	5	ND	6	ND	ND	91	
9+25N 10+37W	.3	4.05	9	ND	104	ND	.08	.1	11	42	45	3.40	.08	1.05	299	3	.12	20	.12	12	ND	ND	5	ND	11	ND	ND	201	
9+25N 10+50W	1.2	2.80	5	ND	55	ND	.06	.1	3	21	27	2.81	.06	.41	501	2	.07	27	.07	20	ND	ND	5	1	7	ND	4	103	
9+25N 10+57W	1.9	3.70	8	ND	46	ND	.04	.1	5	15	19	2.45	.05	.24	349	2	.05	12	.07	15	ND	ND	4	2	6	ND	ND	72	
9+25N 10+75W	1.5	4.39	18	ND	53	ND	.06	.1	3	21	25	3.07	.05	.37	513	4	.08	20	.10	11	ND	ND	5	1	7	ND	3	105	
9+25N 10+87W	1.2	2.17	ND	ND	55	ND	.04	.1	6	15	16	2.31	.05	.25	481	1	.04	13	.04	19	ND	ND	ND	1	5	3	ND	50	
9+25N 11+00W	.7	2.93	ND	ND	48	ND	.05	.2	5	19	13	3.25	.06	.30	354	3	.08	17	.06	13	ND	ND	ND	2	7	ND	ND	97	
9+25N 11+12W	.5	4.76	9	ND	54	ND	.05	.1	9	24	37	3.08	.06	.52	245	5	.13	40	.06	11	ND	ND	ND	1	10	ND	ND	240	
9+25N 11+25W	.1	2.86	6	ND	55	3	.05	.1	7	24	24	2.50	.06	.47	210	3	.09	27	.06	19	ND	ND	4	2	7	ND	ND	99	
9+25N 11+37W	1.1	4.56	8	ND	59	ND	.07	.1	7	24	34	3.71	.06	.45	256	6	.12	43	.08	16	ND	ND	7	1	10	ND	3	200	
9+25N 11+50W	1.1	2.25	ND	ND	48	ND	.06	.1	3	22	27	2.89	.05	.41	471	5	.11	31	.07	13	ND	ND	7	1	9	ND	ND	171	
9+25N 11+57W	.7	2.42	9	ND	48	9	.06	.1	8	24	20	2.78	.05	.45	382	5	.11	25	.08	18	ND	ND	5	1	5	ND	ND	188	
9+25N 11+75W	.6	2.22	8	ND	42	3	.05	.1	5	20	19	3.04	.05	.31	332	4	.07	13	.03	19	ND	ND	4	2	6	ND	ND	36	
9+25N 11+87W	.7	2.00	5	3	112	6	.23	.1	10	43	31	4.23	.07	1.17	431	2	.12	54	.11	21	ND	ND	5	2	20	ND	4	112	
9+25N 12+00W	.7	2.62	5	3	112	11	.20	.1	12	39	29	4.03	.06	1.1	532	2	.11	50	.10	20	ND	ND	5	2	13	ND	ND	108	
11+25N 8+00W	.6	1.25	ND	ND	32	ND	.05	.1	5	12	11	2.19	.05	.24	100	ND	.03	6	.05	20	ND	ND	ND	1	5	ND	ND	28	
11+25N 8+12W	.5	1.45	ND	ND	36	6	.05	.2	6	14	13	2.71	.05	.31	113	ND	.04	5	.05	21	ND	ND	ND	2	5	ND	ND	21	
11+25N 8+25W	.3	2.80	18	ND	54	3	.07	.1	7	23	24	4.47	.07	.70	256	2	.10	17	.10	21	ND	ND	5	2	7	ND	ND	118	
11+25N 8+37W	.7	1.41	ND	ND	37	6	.05	.1	7	19	19	2.23	.04	.13	127	1	.02	12	.04	10	ND	ND	ND	1	6	ND	ND	39	
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	1	3	5	2	2	1	1	3	1	

SAMPLE NAME	AS PPH	AL %	AS PPH	AU PPH	BA PPH	BI PPH	CA %	CD PPH	CO PPH	CR PPH	CU PPH	FE %	K %	MS %	MN PPH	MO PPH	NA %	NI PPH	P %	PR PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	W PPH	ZN PPH
11+25N 8+50W	.1	2.57	ND	ND	23	ND	.03	.1	3	12	15	2.22	.03	.08	63	1	.03	2	.05	12	ND	ND	ND	1	3	ND	ND	15
11+25N 8+67W	.7	1.44	5	ND	23	ND	.03	.1	4	10	12	2.33	.04	.13	63	ND	.03	3	.06	18	ND	ND	4	2	4	ND	ND	19
11+25N 8+75W	.1	4.42	10	ND	18	ND	.03	.1	3	11	13	2.95	.05	.08	59	2	.04	1	.11	9	ND	ND	5	ND	3	ND	ND	14
11+25N 8+87W	.4	3.85	ND	ND	35	ND	.04	.1	5	16	20	2.80	.05	.22	221	2	.04	5	.09	10	ND	ND	4	ND	5	ND	ND	40
11+25N 9+00W	.3	4.23	7	ND	105	4	.09	.1	11	31	34	3.30	.07	.87	389	3	.08	34	.10	22	ND	ND	ND	1	11	ND	ND	98
11+25N 9+12W	.5	1.35	ND	ND	22	ND	.04	.1	5	9	15	2.63	.04	.11	69	ND	.03	6	.07	14	ND	ND	ND	2	5	ND	ND	16
11+25N 9+25W	.4	2.64	4	ND	52	ND	.07	.1	6	24	28	4.71	.06	.52	279	2	.05	12	.15	40	ND	ND	ND	2	7	ND	ND	75
11+25N 9+27W	.5	1.59	ND	ND	29	4	.04	.1	6	12	16	2.75	.05	.19	163	1	.04	4	.09	25	ND	ND	ND	3	5	3	ND	32
11+25N 9+50W	.1	3.94	ND	ND	14	ND	.06	.1	5	7	15	1.44	.04	.14	121	1	.01	3	.09	9	ND	ND	ND	ND	7	ND	ND	17
11+25N 9+75W	.5	2.02	ND	ND	32	ND	.04	.1	5	11	14	1.78	.05	.19	124	1	.02	9	.06	20	ND	ND	ND	1	5	ND	ND	31
11+25N 9+87W	.4	2.85	ND	ND	40	ND	.03	.1	5	14	19	2.48	.05	.23	201	1	.04	9	.17	12	ND	ND	ND	ND	4	ND	ND	43
11+25N 10+00W	.9	1.46	ND	ND	54	8	.04	.1	5	13	16	1.89	.05	.23	132	1	.02	10	.05	25	ND	ND	ND	1	5	ND	ND	32
11+25N 10+12W	.8	2.27	5	ND	47	5	.04	.1	7	24	22	4.17	.07	.44	179	2	.08	19	.09	25	ND	ND	5	1	6	ND	ND	63
11+25N 10+25W	.8	3.56	8	ND	51	4	.05	.1	8	29	25	4.17	.07	.52	215	3	.09	23	.07	16	ND	ND	4	1	6	ND	ND	79
11+25N 10+50W	1.1	1.65	ND	ND	40	7	.07	.5	6	20	18	2.49	.06	.39	179	1	.03	16	.05	29	ND	ND	ND	3	8	ND	4	42
11+25N 10+67W	1.5	2.92	5	ND	46	5	.06	.1	7	25	26	3.35	.07	.39	195	2	.06	18	.08	18	ND	ND	ND	ND	8	ND	3	71
11+25N 10+75W	1.1	2.63	5	ND	55	4	.08	.1	8	31	26	3.38	.06	.55	204	2	.08	30	.04	20	ND	ND	ND	1	10	ND	ND	89
11+25N 10+87W	1.3	2.63	11	ND	66	5	.07	.1	9	35	27	4.47	.08	.64	407	2	.11	39	.07	25	ND	ND	4	1	10	ND	ND	112
11+25N 11+00W	.5	2.96	5	ND	86	4	.08	.1	11	34	39	3.81	.08	.81	328	2	.12	47	.07	21	ND	ND	4	ND	12	ND	ND	151
11+25N 11+12W	.4	2.33	14	ND	111	ND	.11	.2	12	29	31	3.30	.06	.72	659	2	.11	45	.14	64	ND	ND	ND	2	14	ND	ND	165
11+25N 11+25W	.9	3.17	ND	ND	94	ND	.08	.1	10	28	36	3.40	.07	.59	484	3	.11	42	.12	19	ND	ND	ND	1	10	ND	ND	163
11+25N 11+37W	1.3	2.24	ND	ND	86	ND	.08	.1	9	27	32	3.37	.07	.63	511	2	.10	35	.12	20	ND	ND	ND	ND	11	ND	ND	127
11+25N 11+50W	1.1	2.20	ND	ND	44	ND	.05	.1	7	25	22	3.70	.07	.37	183	2	.08	19	.06	24	ND	ND	ND	2	7	ND	ND	82
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

**APPENDIX - 3**

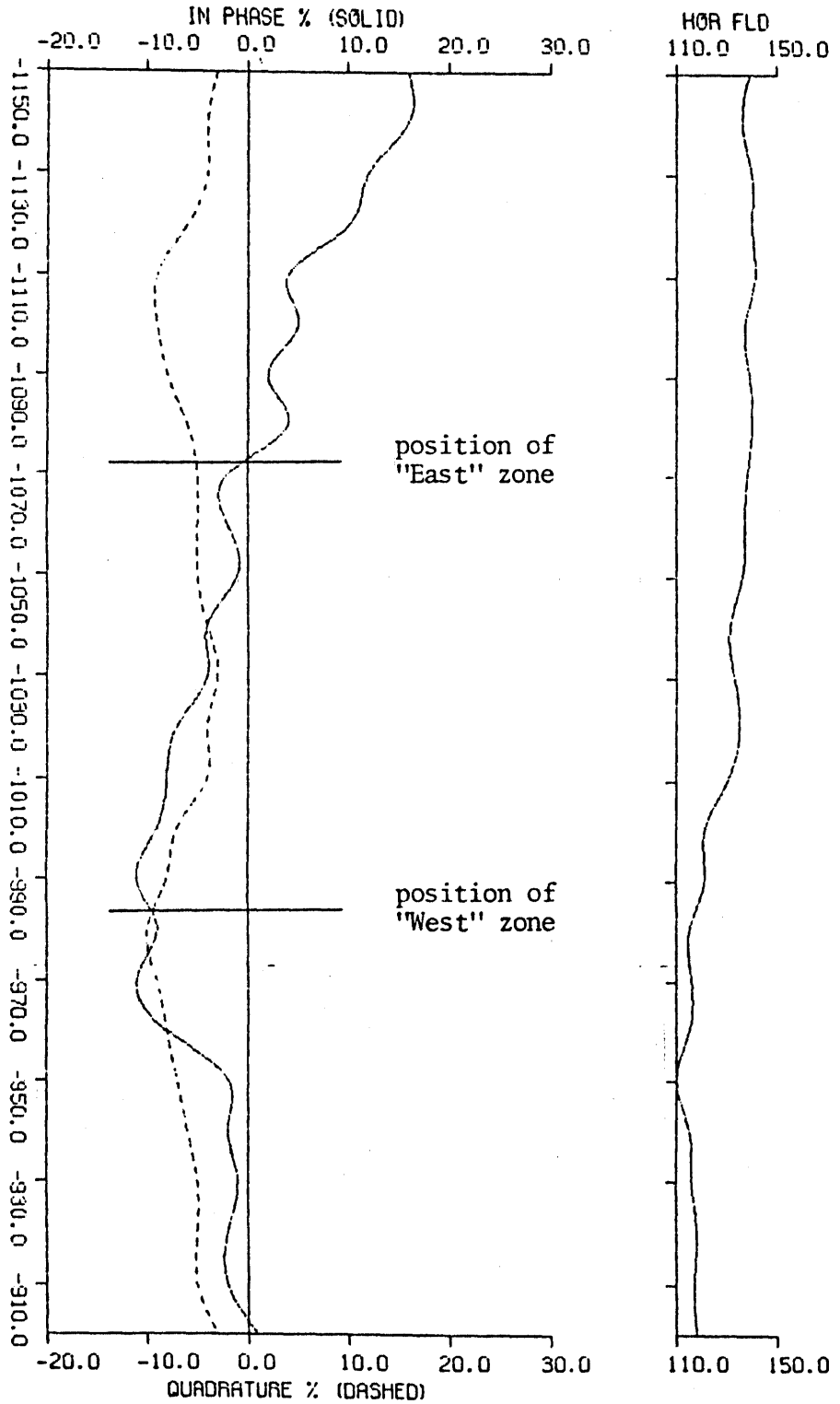
**VLf-EM Profiles (Geophysical Data)**

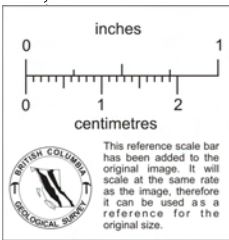


GOLDEN GLORY RESOURCES  
 OLD TIMER PROJECT  
 LINE NUMBER 950.0 NORTH

HORIZONTAL FIELD ,VERTICAL IN PHASE  
 NLK, SEATTLE, WASHINGTON, USA, 24.8 kHz

SCALE 1: 1000

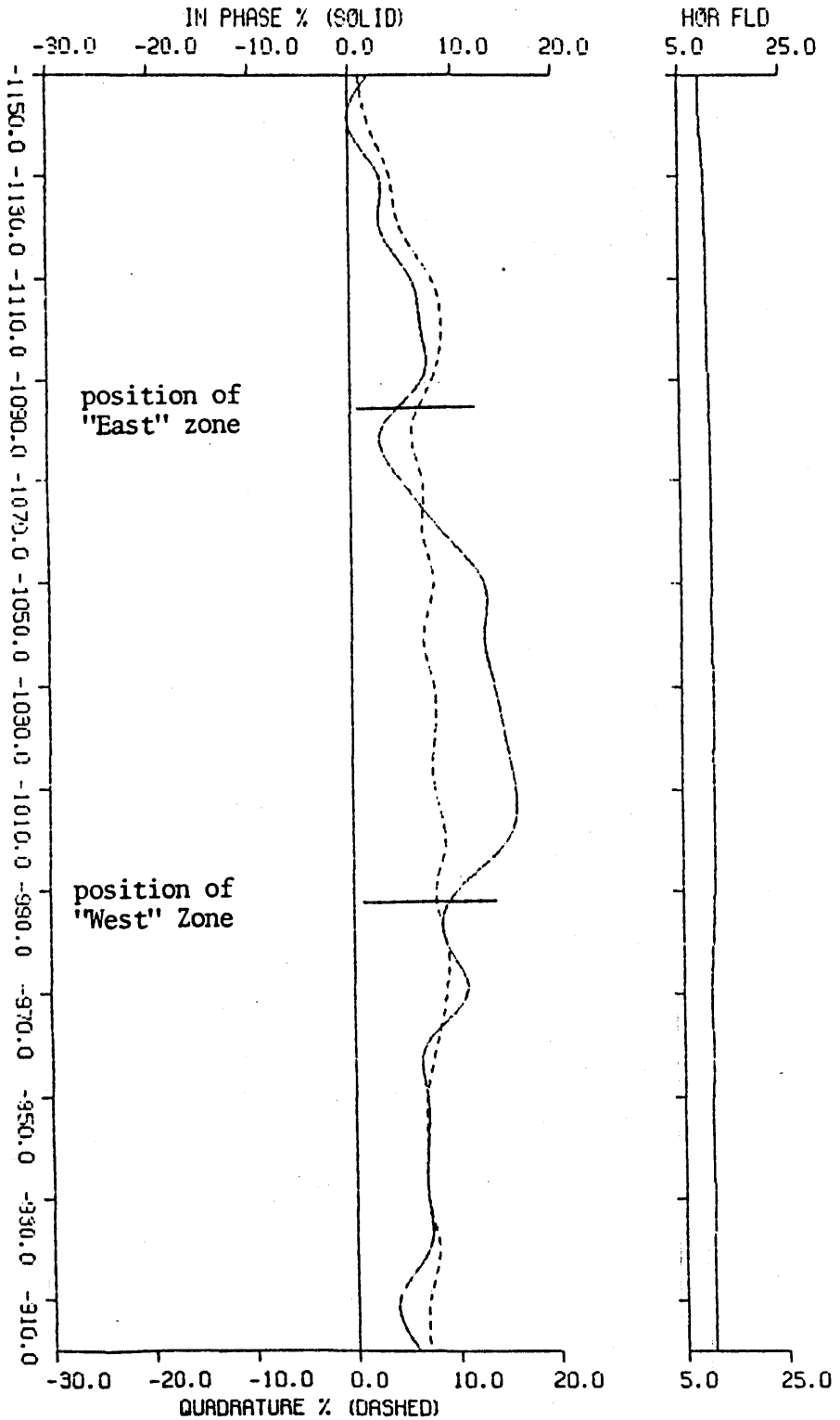


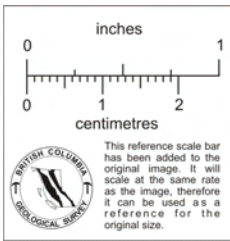


GOLDEN GLORY RESOURCES  
 OLD TIMER PROJECT  
 LINE NUMBER 950.0 NORTH

HORIZONTAL FIELD ,VERTICAL IN PHASE  
 NSS, ANNAPOLIS, MARYLAND, USA, 21.4 kHz

SCALE 1: 1000

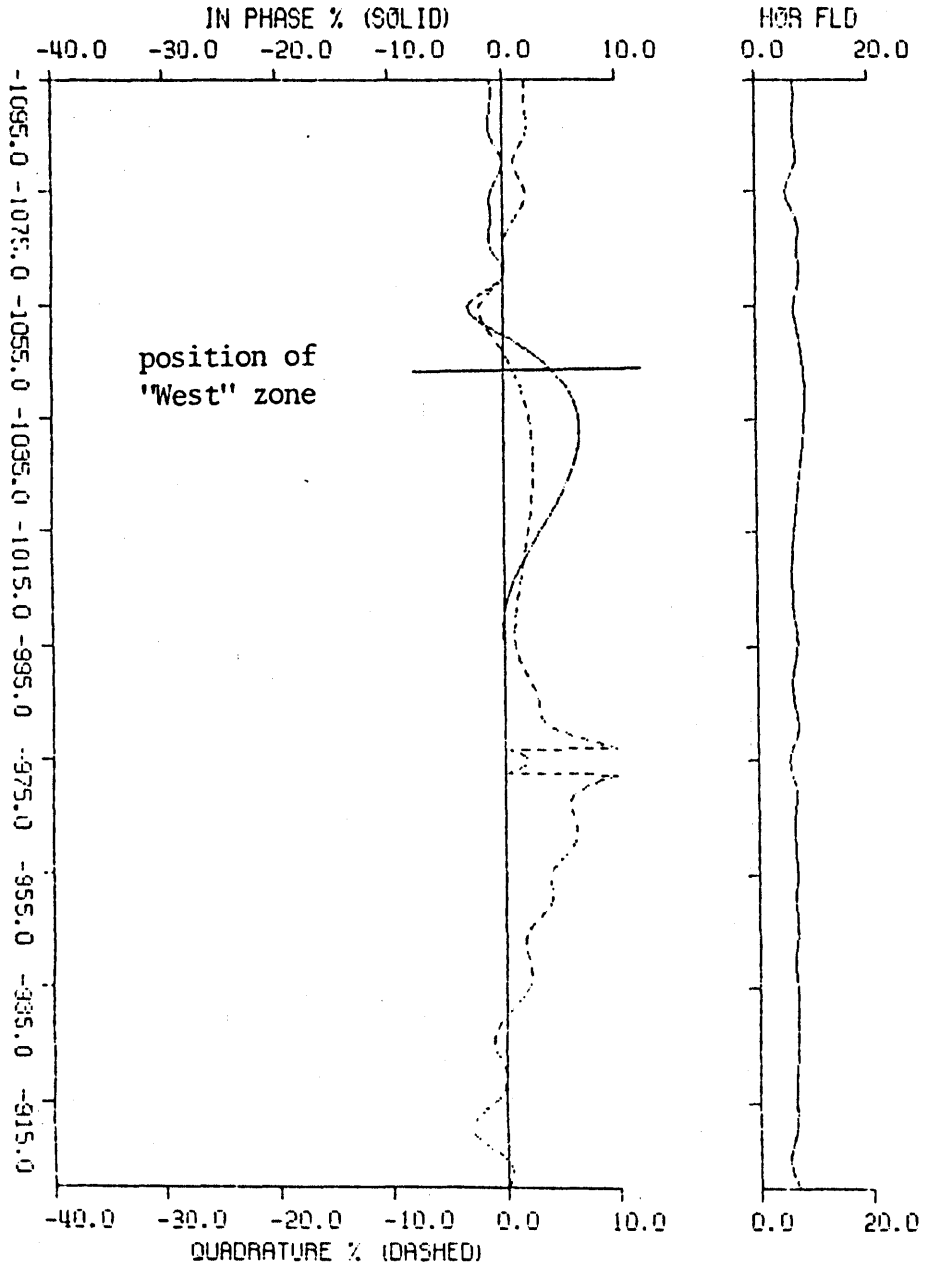




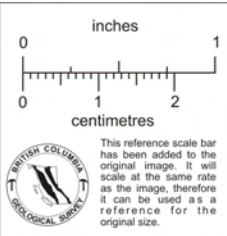
GOLDEN GLORY RESOURCES  
 OLD TIMER PROJECT  
 LINE NUMBER 1025.0 NORTH

HORIZONTAL FIELD , VERTICAL IN PHASE  
 NPM, LUALUALEI, HAWAII, 23.4 kHz

SCALE 1: 1000







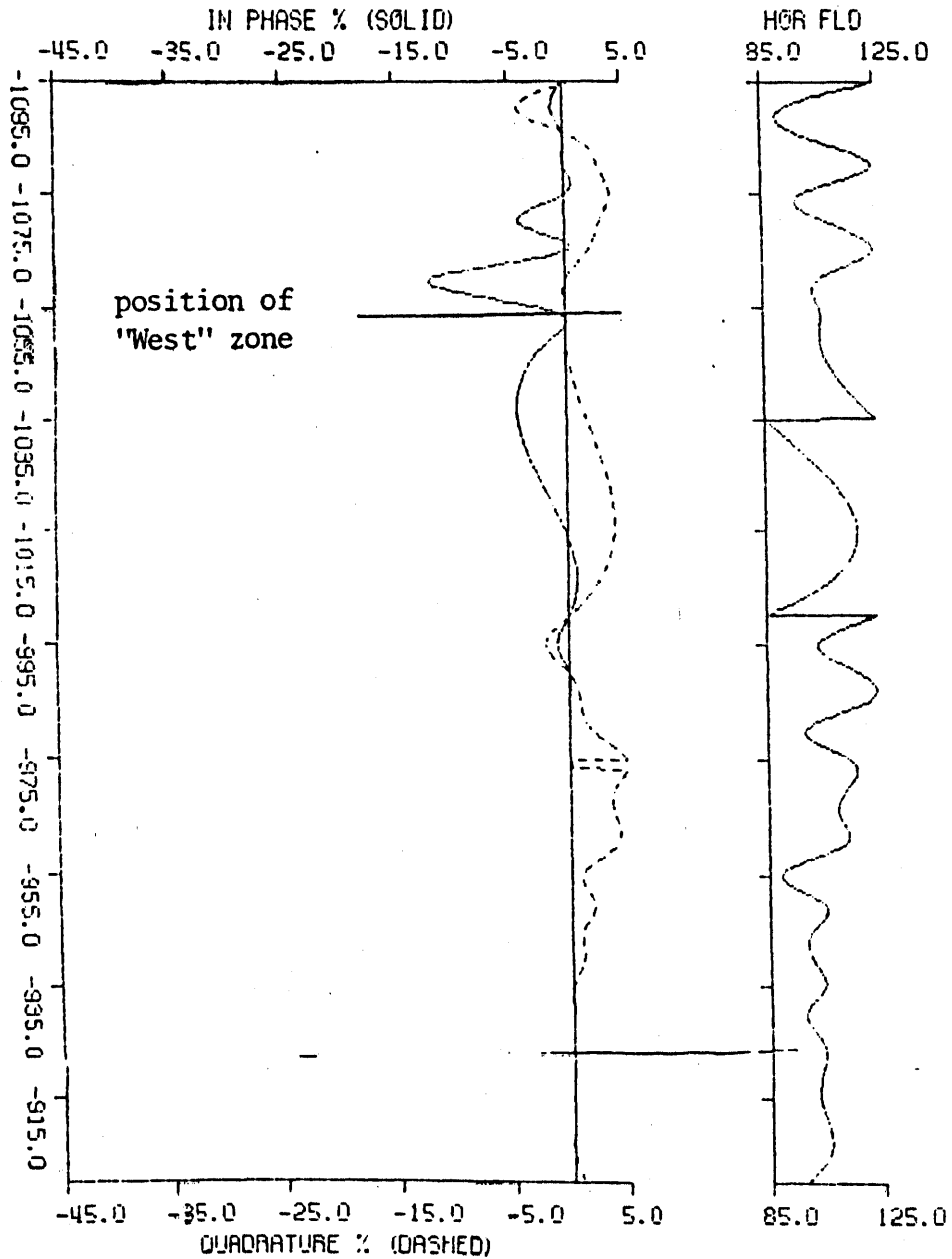
# GOLDEN GLORY RESOURCES

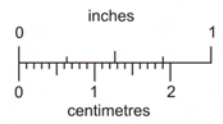
## OLD TIMER PROJECT

LINE NUMBER 1025.0 NORTH

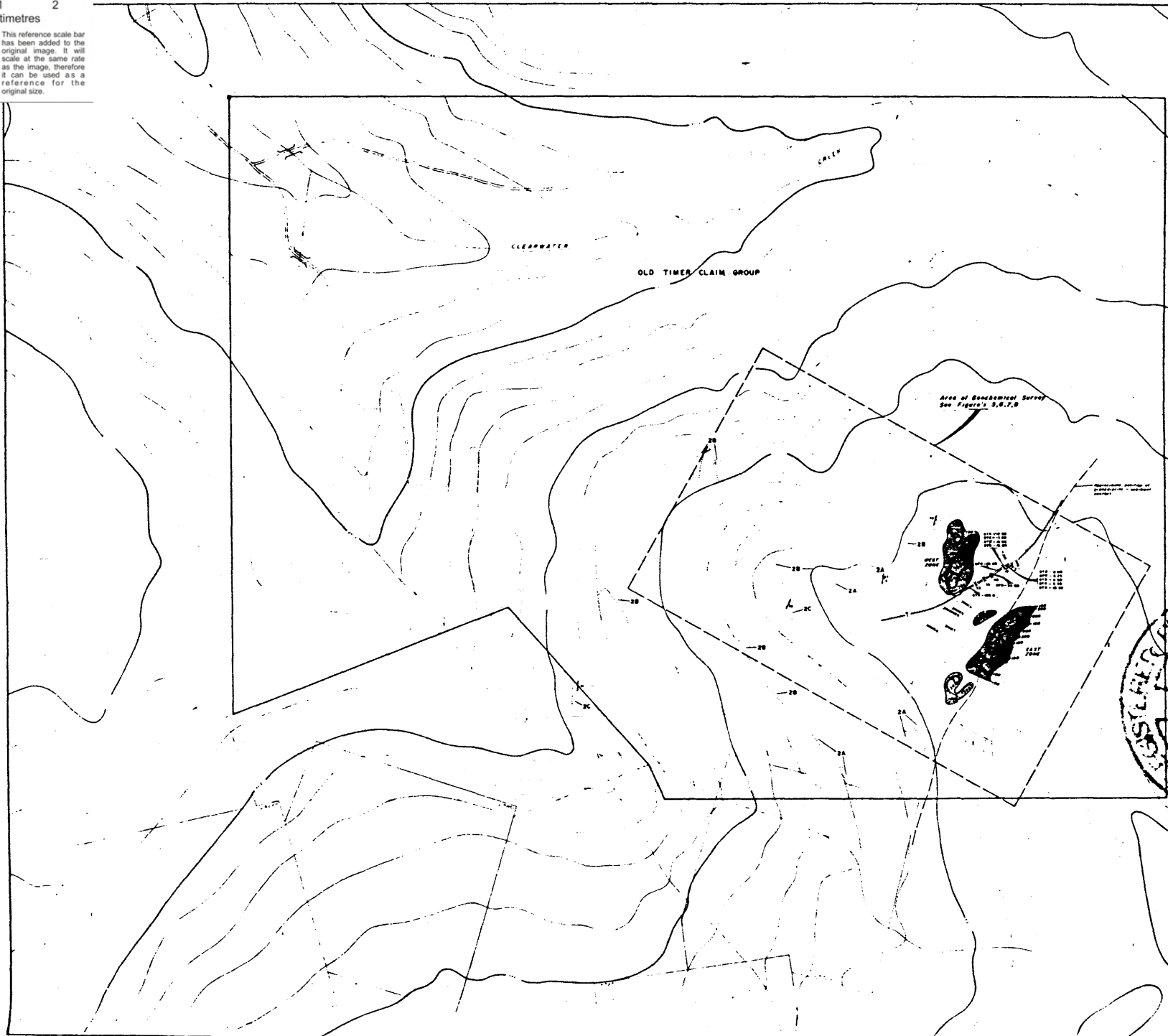
HORIZONTAL FIELD, VERTICAL IN PHASE  
MLK, SEATTLE, WASHINGTON, USA. 24.8 kHz

SCALE 1: 1000





This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

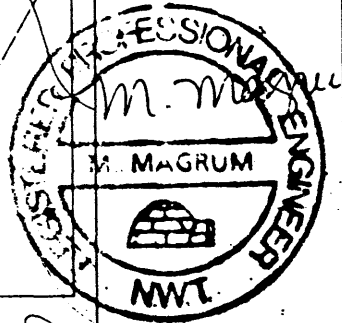


**LEGEND**

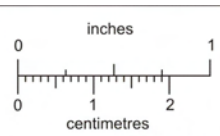
- 1 DELSON DIVISIONS  
Contour ground geophysics
- 2 TOP GROUP BEDROCKS  
A - Basalt - columnar section  
B - Argillaceous sandstone, yellowish  
C - Pebbly, granitic gneiss

**SYMBOLS**

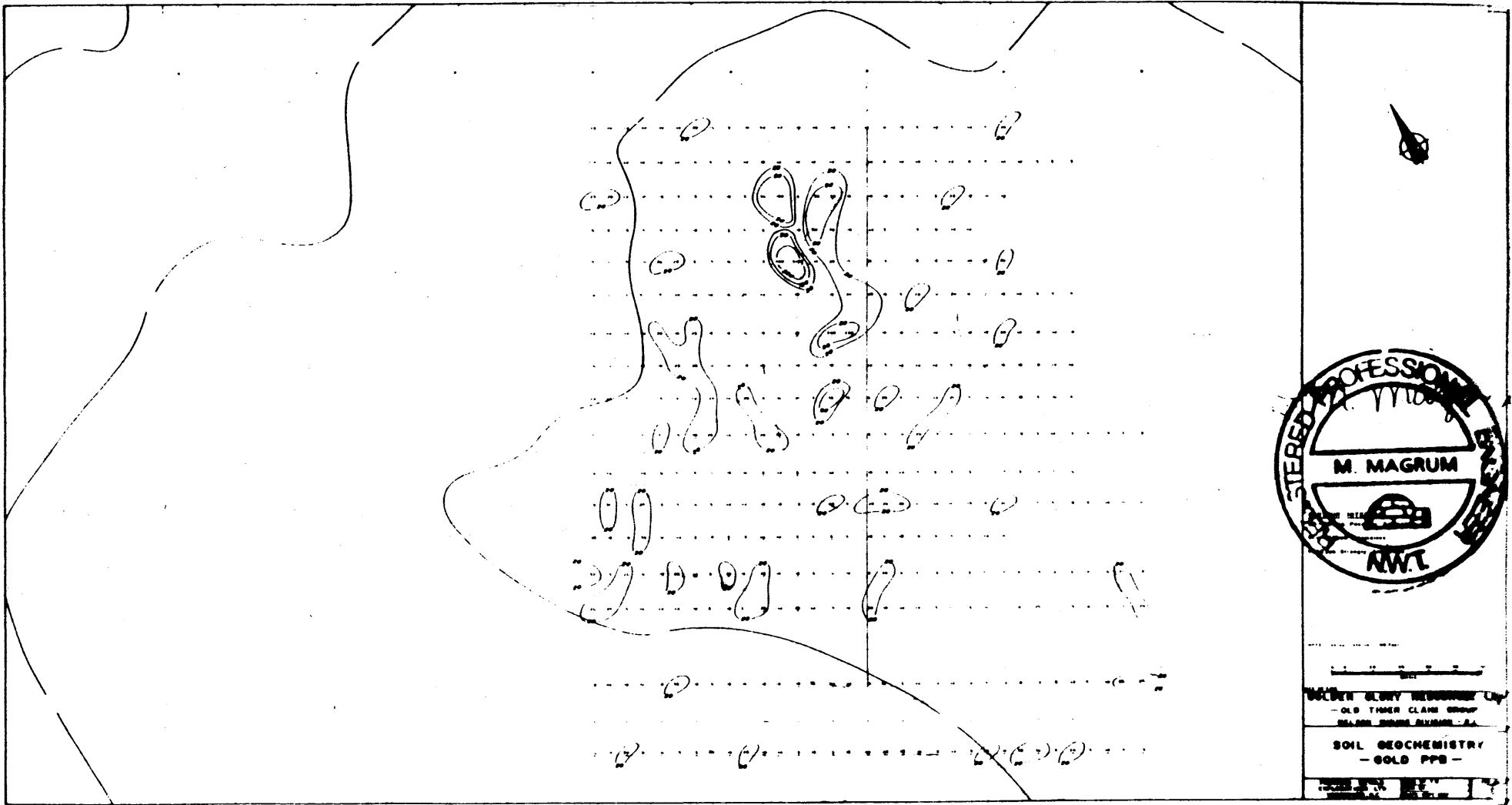
- Area of survey
- 1000' Contour interval, contour
- Area of mining and processing, open area
- Geological survey (See construction in part)
- Fault zone
- Area of mineral development
- Geological contact



GOLDEN GLORY RESOURCES LTD.  
— OLD TIMER CLAIM GROUP —  
NELSON MINING DIVISION — B.C.  
**COMPILATION MAP**  
SHOWING GEOLOGY &  
ROCK SAMPLE LOCATIONS

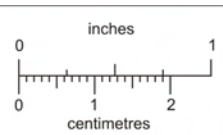


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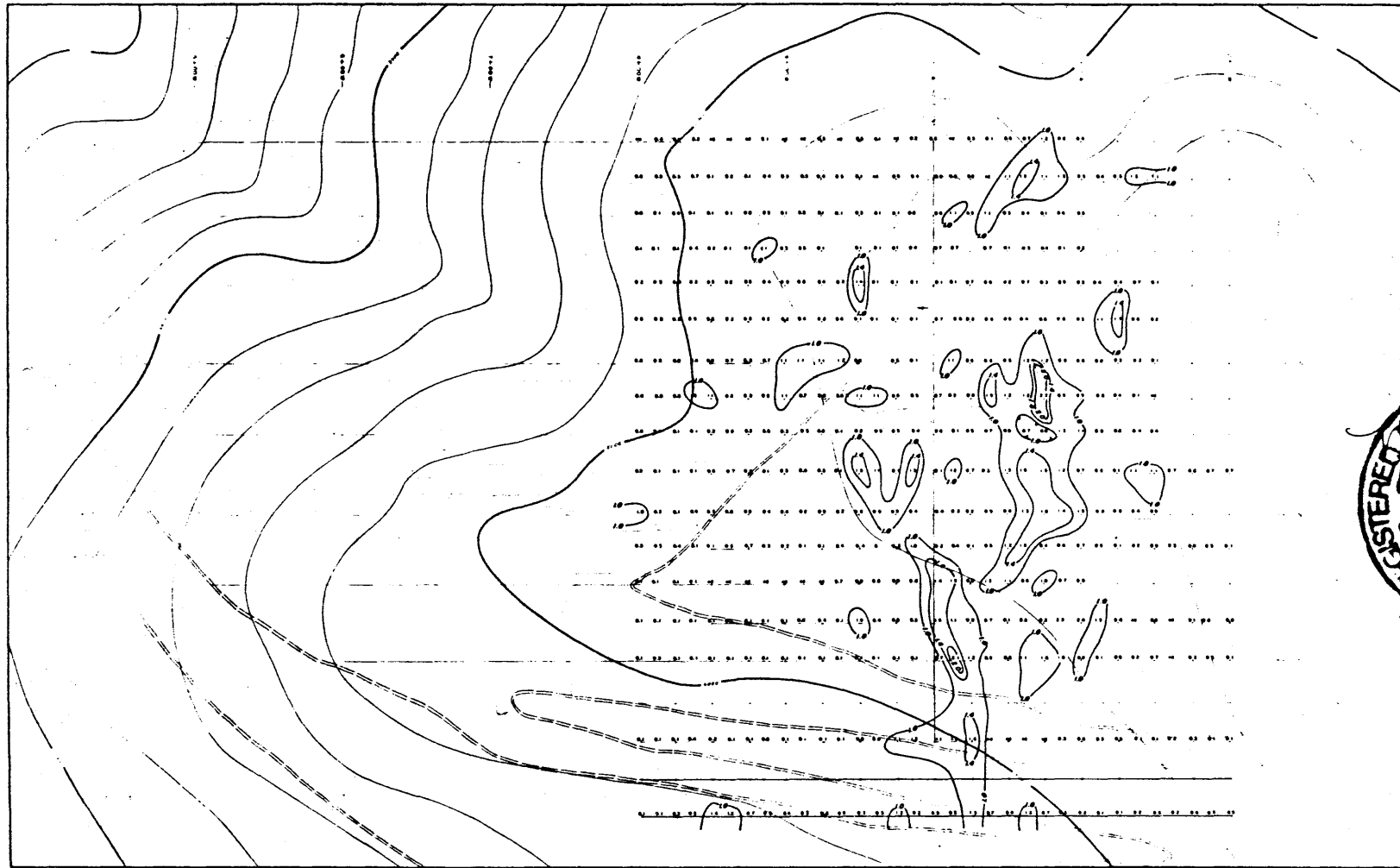


GOLDEN GLORY RESOURCES LTD.  
- OLD TIMER CLANS GROUP  
SEALING SERVICE DIVISION - A.A.

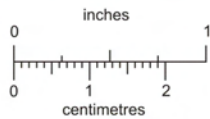
SOIL GEOCHEMISTRY  
- GOLD PPS -



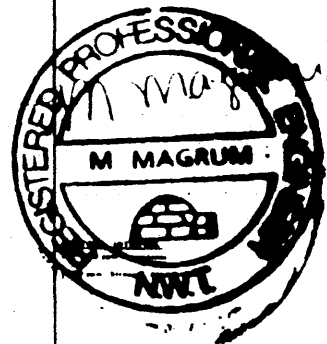
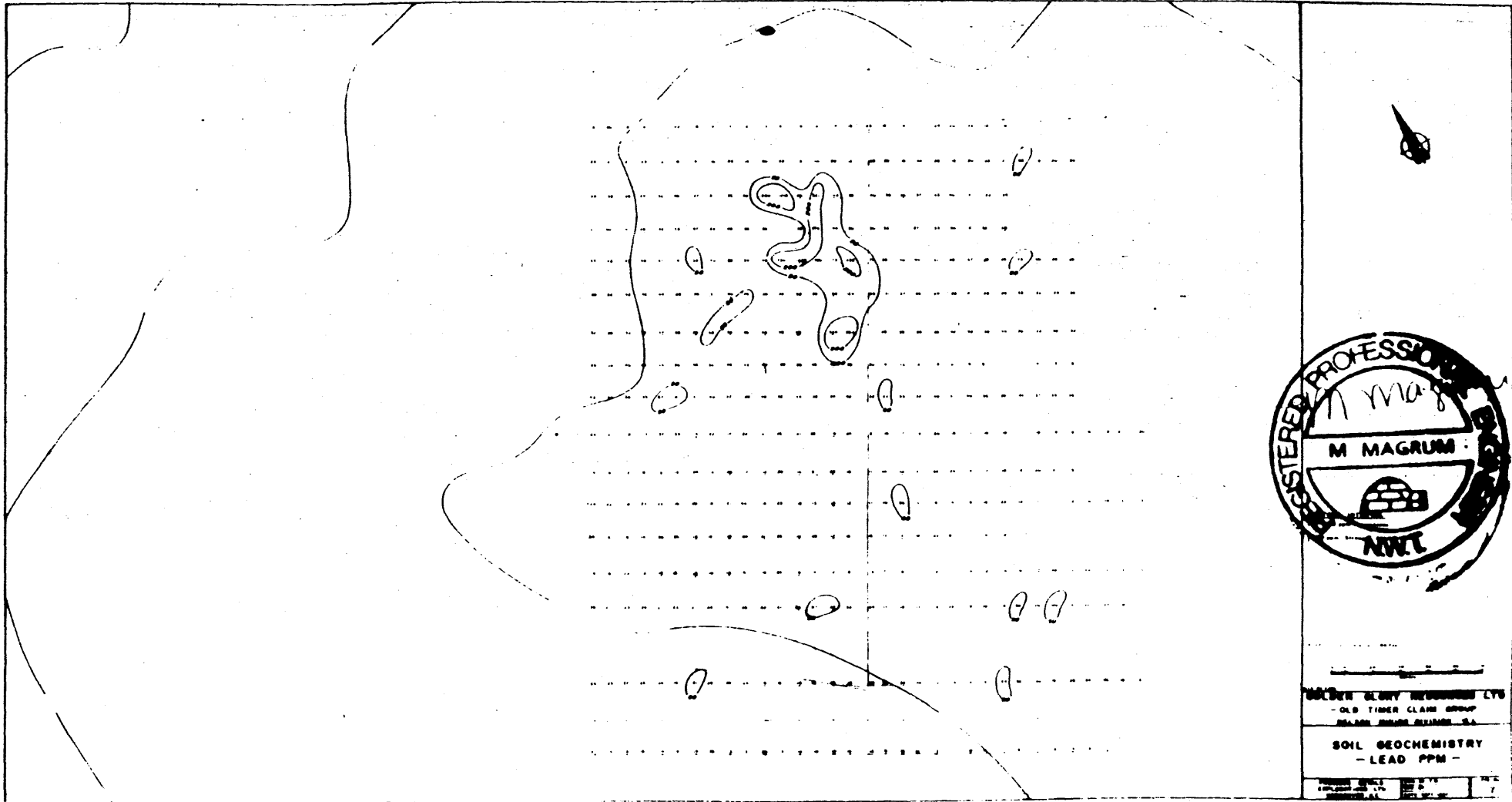
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GOLDEN GLORY RESOURCES LTD.  
 - OLD TIMER CLAIM GROUP -  
 NELSON MINING DIVISION - B.C.  
 SOIL GEOCHEMISTRY  
 - SILVER PPM -  
 PREVIOUS METALS ANALYSIS BY GOLDEN GLORY RESOURCES LTD. VANCOUVER, B.C. DATE: MAY 2007



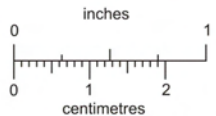
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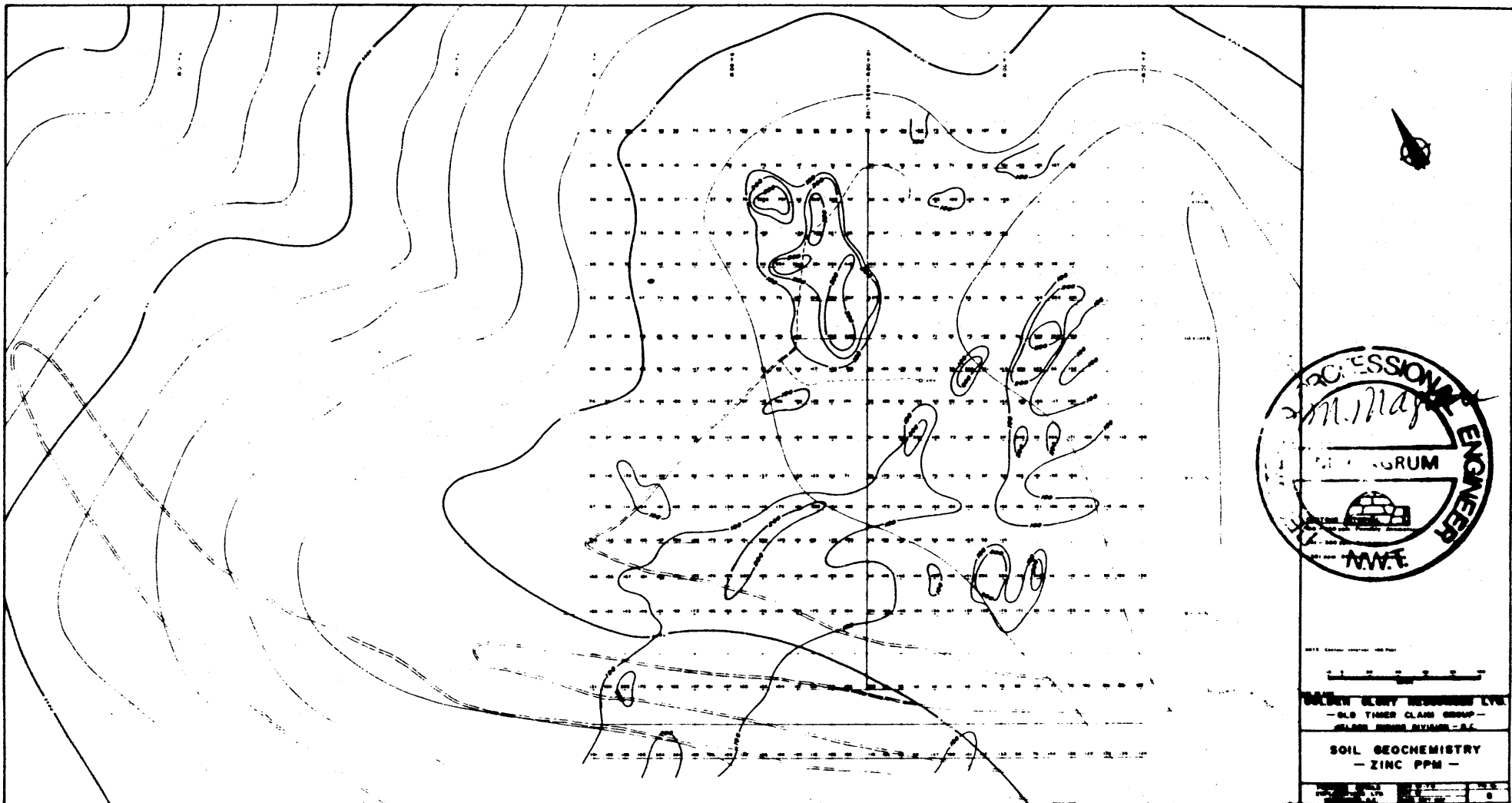
GOLDEN GLORY RESOURCES LTD  
 - OLD TIMER CLAIM GROUP  
 200-1000 100TH AVENUE, EDMONTON, ALBERTA, CANADA T6E 1A1

SOIL GEOCHEMISTRY  
 - LEAD PPM -

PROJECT NO.	DATE	SCALE
1000000000	1998	1:50000



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GOLDEN CLAY RESOURCE LTD  
- OLD TIMER CLAIM GROUP -  
- CLAIM GROUP DIVISION - B.C.

SOIL GEOCHEMISTRY  
- ZINC PPM -

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507 - 1030 West Georgia Street  
Vancouver, British Columbia

(hereinafter called the "Issuer")

(Incorporated under the laws of the Province of British Columbia)

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1500, 700 West Georgia Street  
Vancouver, British Columbia

Effective Date: July 8, 1988

A.L.  
PROPERTY FILE

Old Timer 82FSW081