GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE SHADO, HALL AND BON GROUP

ST. MARY LAKE AREA, B.C.
Ft. Steele Mining Division

Location
NTS 82-F/9
Latitude: 49°40'N
Longitude: 116°27'W

FOR

Mirandco Mines Inc.
Box 6268, Station D,
Calgary Alberta
T2P 2[illegible]

BY
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V7Y 1G5

December, 1988

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ILLUSTRATIONS

1.0 SUMMARY

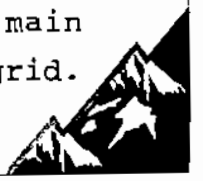
Pursuant to a request by Mr. Ernie Gylytiuk on behalf of Mirandco Mines Inc., geological mapping and sampling of the subject property was carried out by Hi-Tec Resource Management Ltd. in October and November of 1988. A program of geochemical sampling and geophysical surveying was carried out at the same time by Golden Dividend Syndicate Ltd. under the supervision of Percy Cox.

The Shado property is located approximately 43 kilometers west of Kimberley, B.C., on the south slopes of Mount Bonner and consists of ten mineral claims for a total of 82 units.

The original claims were staked by Mr. T. Bratford in 1976, as a result of mineralized exposures (Shado showing) being uncovered during road building in the area.

The claims are underlain by Proterozoic Creston and Aldridge sediments which are locally intruded by Moyie dykes and sills of dioritic composition. Mineralization at the Shado showing consists of numerous parallel trending quartz veins which occur over a width of greater than 50 meters, with exposed strike lengths estimated to be in excess of 100 meters. The veins vary from a few to 30 cm in width and are often intensely mineralized with galena, pyrite, chalcopyrite and sphalerite. Values in rock samples taken from the Shado showing include up to 30.9 opt Ag, 58.6 % Pb and 2.17 % Zn.

The results of the recent exploration program on the subject property indicate that silver, lead, zinc, copper and minor gold mineralization occurs in three main parallel zones in the southeastern portion of the grid.



The zones trend northeasterly and are outlined by both geochemical and geophysical anomalies (VLF-EM). The main geochem anomaly ("A") has dimensions of roughly 1 km x .5 km.

Multi-element anomalies, associated with VLF conductors, indicate the potential for significant precious and base metal mineralization on the subject property. Additional work including detailed VLF, trenching and preliminary drilling is both warranted and recommended.

2.0 INTRODUCTION

2.1 Objectives

Pursuant to a request by Mr. Ernie Gylytiuk on behalf of Mirandco Mines Inc., geological mapping and sampling of the subject property was carried out by Hi-Tec Resource Management Ltd. in October and November of 1988. This report presents the results of that work as well as results of geophysical and geochemical surveys carried out at the same time by Golden Dividend Syndicate Ltd. The objective of the exploration program was to assess the potential for economic mineralization on the property.

2.2 Location and Access

The Shado property is located approximately 43 kilometers west of Kimberley, B.C., on the south slopes of Mount Bonner. The property is approximately centered at latitude 49° 40' north and longitude 116° 27' west (Figure 1).

The property is accessible via a logging road up the main St. Mary Creek valley, then approximately 13.0 km up the Redding Creek logging road. This road provides excellent access to the central part of the property, while a switchback road leading to a microwave tower beyond the property's southern boundary and a powerline road provide good access to the property's southern portions. The property is accessible year round by 2 wheel drive vehicle, except under extreme weather conditions.

2.3 Operations and Communications

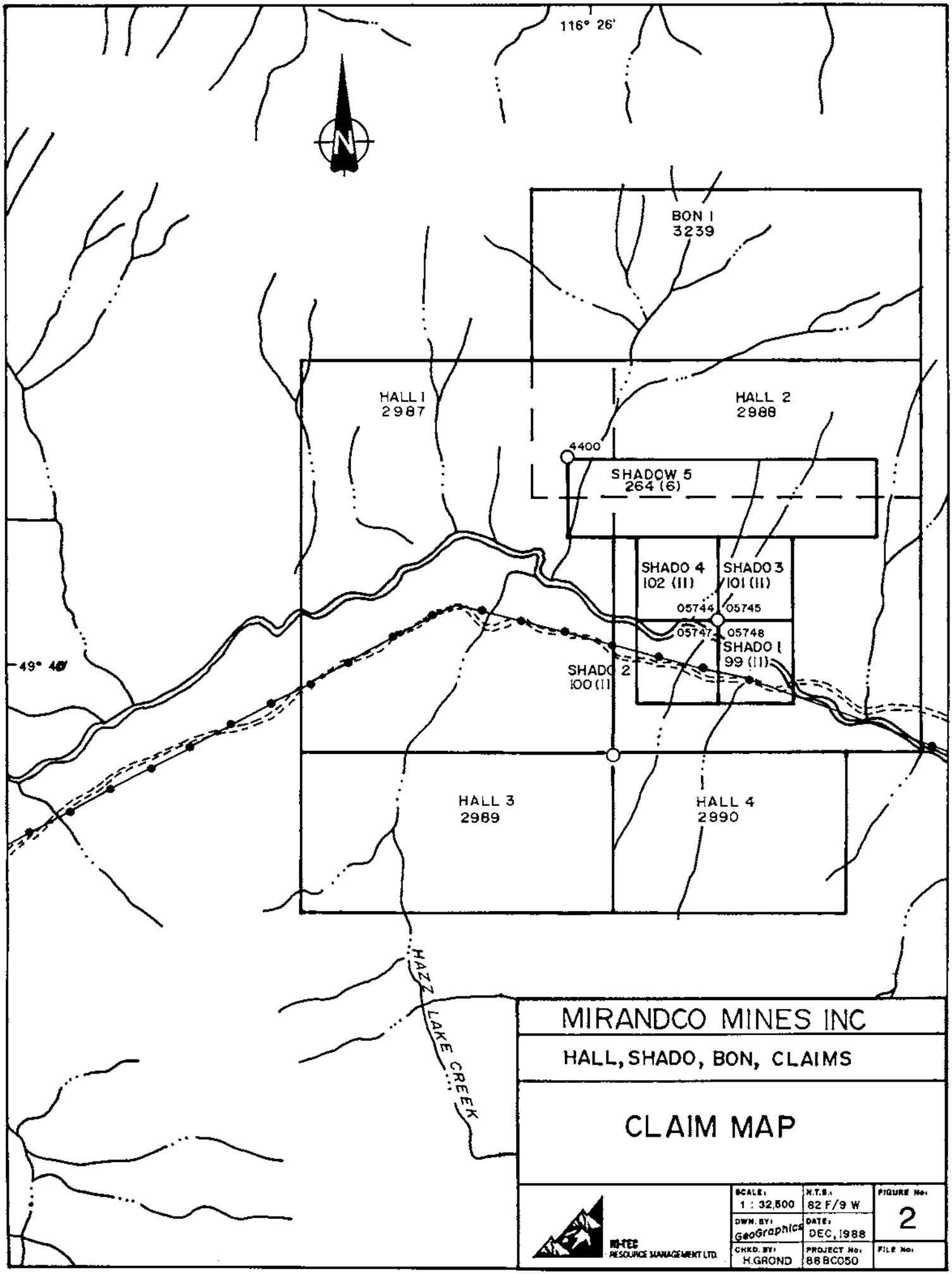
Geological mapping and trench mapping was conducted between October 30 and November 12, 1988 by Jody Dahrouge, B.Sc., of Hi-Tec Resource Management Ltd.

MIRANDCO MINES INC.

SHADO, HALL, BON CLAIMS

GENERAL LOCATION MAP

HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: As shown	N.T.S.	FIGURE No: 1
	DWN. BY: H.V.	DATE: Dec./1988	
	CHKD. BY: H. Grond	PROJECT No: 88BC050	FILE No:



MIRANDCO MINES INC

HALL, SHADO, BON, CLAIMS

CLAIM MAP

	SCALE: 1 : 32,500	N.T.S.: 82 F/9 W	FIGURE No: 2
	DWN. BY: GeoGraphics	DATE: DEC, 1988	
	CHKD. BY: H.GROND	PROJECT No: 86BC050	FILE No:

MINTEC RESOURCE MANAGEMENT LTD.

Access to the property was by two-wheel drive vehicle each day from Kimberley, B.C. Communications with Vancouver were by telephone.

A program consisting of linecutting, soil sampling, magnetometer and VLF surveys was carried out by Golden Dividend Syndicate Ltd. of Kamloops, B.C. from October 14, 1988 to November 25, 1988. This program was under the supervision of Mr. Percy Cox.

2.4 Physiography

The Hall/Shado claims are situated in rugged terrain that ranges in elevation from approximately 3900 feet to 7400 feet above sea level. The lower elevations are generally covered by open vegetation including fir, larch and lodgepole pine. The higher elevations are generally well wooded to 7000 feet. Precipitation is moderate with snow cover generally not exceeding 1 m at lower elevations.

2.5 Property and Ownership

The property consists of ten mineral claims for a total of 82 units (Figure 2). The Shado 1-5 claims are totally contained within the Hall claims and the Bon 1 claim partially covers the Hall 2 claim. The effective area of the claims is approximately 16 square kilometers. The claims are owned by Golden Arc Industries and are under option to Mirandco Mines Ltd.

Pertinent claim data is summarized below:

Name	No. of Units	Record No.	Expiry Date
Shado 1	1	99	Nov. 8, 1989
Shado 2	1	100	Nov. 8, 1989
Shado 3	1	101	Nov. 8, 1989
Shado 4	1	102	Nov. 8, 1989
Shado 5	4	264	June 30, 1989
Hall 1	20	2987	Sept. 18, 1989
Hall 2	20	2988	Sept. 18, 1989
Hall 3	8	2989	Sept. 18, 1989
Hall 4	6	2990	Sept. 18, 1989
Bon 1	20	3239	Oct. 26, 1989

3.0 History and Previous Work

Very limited exploration work was carried out on the subject property prior to 1976 when the current Shado claims were staked. The claims were staked by Mr. T. Bratford as a result of mineralized exposures (Shado showing) being uncovered during road building in the area. Exploration work carried out at that time included:

- prospecting,
- stripping (240 sq. m.)
- road construction (60 m)
- trenching (2,932 cub. m)
- linecutting (covering all claims).

In 1978 ownership of the property was transferred to Shado Mines Ltd., who mined and shipped 3.28 dry tons of ore to the smelter at Trail, B.C. The ore assayed 0.01 oz/t Au, 13.25 oz/ton Ag, 0.13% Cu, 25.4% Pb and 4.8% Zn (Borovic).

The property was purchased in 1987 by Golden Arc Industries Ltd., who added the four Hall claims to cover potential extensions of the mineralized structures. Golden Arc carried out some surface trenching in the area of the Shado showing.

A property examination and summary report was completed by I. Borovic in July, 1988. Results of samples taken at the Shado showing include 18.19 oz/t Ag, 42.24% Pb and 0.55% Zn over 0.15 m. A $504,000 two-phased work program was recommended to evaluate the potential of the property.

In 1988, the property was optioned by Mirandco Mines Inc. of Calgary, who financed the recent exploration program.

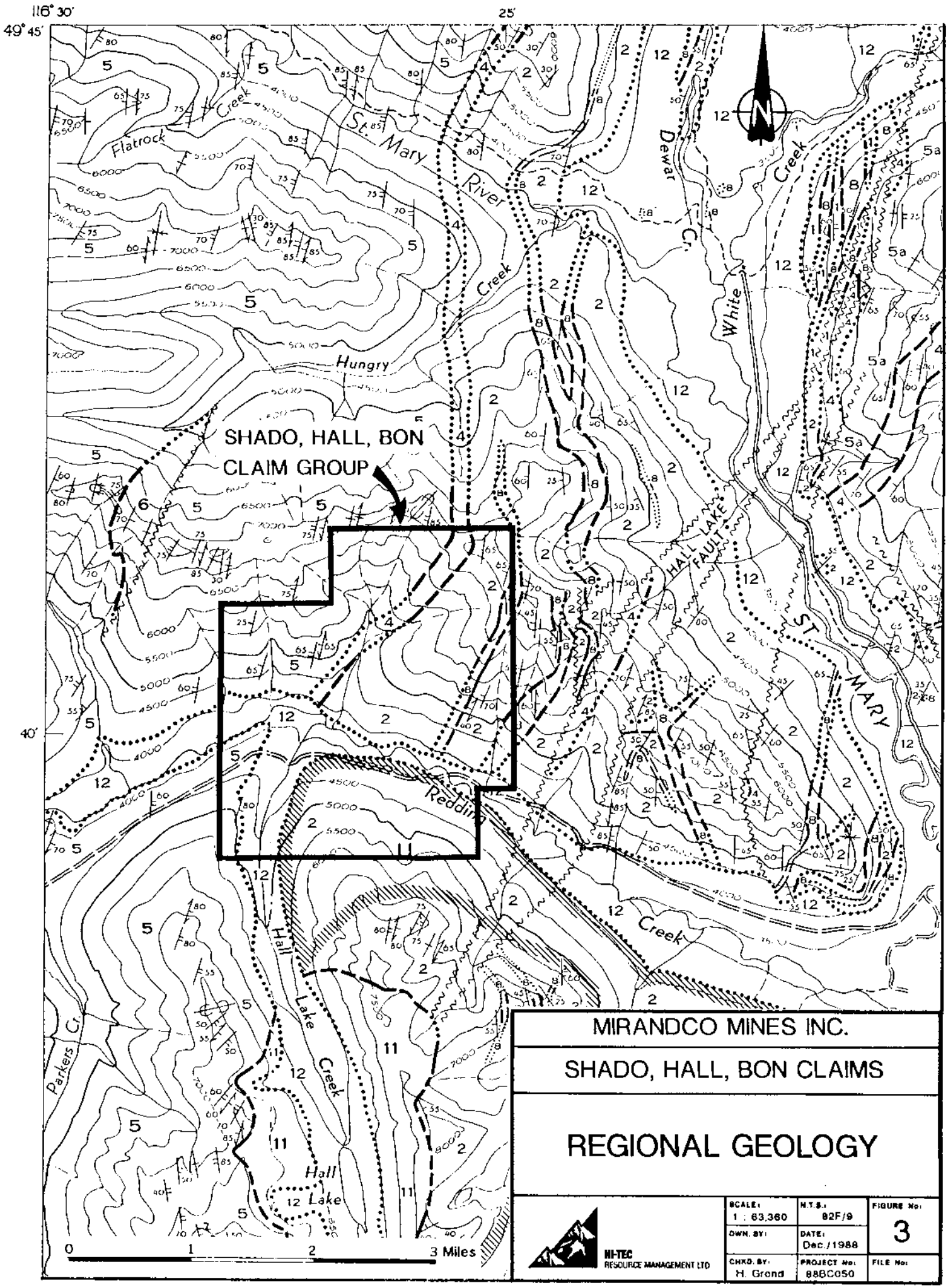
4.0 GEOLOGY

4.1 Regional Geology and Mineralization

The regional geology of the area has been mapped by Leech (1957). Figure 3 shows the location of the claims with respect to Leech's map. The area of the property is underlain by Aldridge and Creston Formation sediments intruded by Moyie Formation dioritic sills and dykes (Late Precambrian). The following excerpt is from Borovic, who quotes extensively from Leech:

ALDRIDGE FORMATION

"The Lower Division (1) of the Aldridge Formation, at least 4,500 feet thick, is a markedly rusty weathering assemblage of quartzites, siltstones and argillites: gray quartzite with fine, dark laminations, commonly crossbedded, is the most diagnostic rock. The lowest exposed strata on both sides of St. Mary Valley near Matthew Creek are altered to quartz-mica schist and contain beds of vitreous quartzite. Near the top of the division there is a 275 foot zone of massive quartzite similar to that of the Middle Division but separated from it by beds more typical of the lower assemblage. The Middle Division (2) is characterized by massive and generally light-weathering gray quartzite beds with dark argillite partings, typical examples of which can be seen near the former Meachen farm. The division also contains rusty weathering zones, from a few feet to some hundreds of feet thick, which are generally thinly bedded and argillaceous. The Upper Division (4) is



MIRANDCO MINES INC.

SHADO, HALL, BON CLAIMS

REGIONAL GEOLOGY

HI-TEC RESOURCE MANAGEMENT LTD

SCALE: 1 : 63,360	N.T.S.: 82F/9	FIGURE No: 3
DWN. BY:	DATE: Dec./1988	
CHKD. BY: H. Grond	PROJECT No: 888C050	FILE No:

characterized by a rusty weathering thinly laminated alteration of dark argillite and light siltstone, accompanied by less distinctively laminated dark argillite and light siltstone, accompanied by less distinctively laminated dark argillite and especially near its gradational junction with the Middle Division beds of gray quartzite. The division is particularly distinctive northeast of St. Mary River, where it is about 1,250 feet thick. The characteristic rusty thinly laminated rock is thickest in the northeast and becomes less distinct to the southwest, where also the gray quartzite is more abundant throughout the division.

CRESTON FORMATION

The overlying Creston Formation (5) contains a basal member (5a) which is thickest and most distinct northeast of St. Mary River, less distinct southwest of the river, and either missing or indistinguishable to the west of it. It is a grayish weathering assemblage of grey argillite and siltstone and dark argillite with abundant mud-cracks. The rest of the Creston Formation is a non-rusty sequence of gray, green, and here and there, purplish quartzites, siltstones, and argillites weathering gray, green, or purplish. Lenses of grit occur locally within the eastern quartzites. Quartzites with irregular purple lines and mottles are diagnostic, and green argillites with tiny metacrysts of magnetite are also fairly diagnostic. Structures due to current action and the flow of unconsolidated sediments are common.

MOYIE INTRUSIONS

The dioritic Moyie Intrusions (S) occur in two main groups, one in the Lower Aldridge and the other near the top of the Middle Aldridge. Individual bodies are generally sill-like but locally they transect bedding, as a rule gently, in places steeply, and in a few instances the bodies lose their sill form and become relatively narrow dykes. The presence of these transgressions, together with the apparent lack of stock, indicates that the upper sills were fed up through the lower ones.

STRUCTURE

The map-area is on the crests of the Purcell geanticline that underlies the Purcell Mountains and plunges gently northward. In this region the geanticline is cut by three major faults, the Moyie, the St. Mary, and the Hall Lake, which repeat the structure successively

northward and between which the segments plunge northward more steeply than does the geanticline as a whole. The St. Mary fault, which is steep and where exposed, marked by breccia, appears to represent dominantly vertical adjustment between tilting blocks but it has many of the characteristics of a strike-slip fault. The Hall Lake fault is steep and is the locus of intense shearing. It is probably a thrust fault on which the west block moved relatively upward and northward. These faults, together with variations in lithology, divide the map-area into three blocks with contrasting structures.

The structural block west of Hall Lake fault, underlain by less competent rocks, is characterized by steep dips, isoclinal folds overturned to the east, intense axial plane cleavage, and a second or cross cleavage associated with steeply plunging crenulations. The block probably contains unrecognized longitudinal faults. The structural block south of St. Mary fault consists chiefly of west-dipping west-facing strata repeated successively westward by a series of steep longitudinal faults.

MINERALIZATION

The lode deposits are of three main types: (A) replacement deposits in sedimentary rocks, not localized along fractures; (B) vein and replacement deposits localized along fractures, not restricted to particular rock formations; (C) deposits associated with Moyie Intrusions. The Sullivan and adjacent North Star deposits, the only representatives of the first type, account for almost all the recorded mineral production of the area. They lie near the top of the Lower Division of the Aldridge Formation. Their age is probably Precambrian. Deposits of the second type, which include the more promising prospects in the area, contain various combinations of galena, sphalerite, pyrite, pyrrhotite, chalcopyrite, arsenopyrite, hematite and, in a few instances, scheelite. They include the Anderson and Birdie L. groups, the Cotnoir-Fors prospect, "Dan Howe" prospect, part of the Dominion group, the Leader and Warhorse group, the Rice prospects on Sawmill creek, and the "Warren" prospect, most of which are in or near faults. This type also includes replacement vein deposits such as the Storm King and Copper King containing pyrite, galena, tetrahedrite, and minor chalcopyrite in limy rocks. Deposits of the third type, associated with Moyie intrusions, are quartz-calcite veins and lenses in diorite, and less commonly, minor amounts of galena and sphalerite. They occur characteristically in the upper parts of sills, pinch out upward at or near the sill roof and pinch out

downward in diorite. Judging from the few in which sections parallel to the sill roofs are visible they are lenticular and their average length is probably greater than their average depth. The distribution of the sulfides is generally erratic, with chalcopyrite subordinate to pyrrhotite and pyrite. The chief groups of workings on these deposits are around Mount Evans and Alki and Pyramid Creeks.

The property adjacent to the subject property to the east is known as the Redd property and is owned and operated by Cominco Ltd. Results of the 1985 exploration program indicate that geophysical and geochemical anomalies occur on structures parallel to those on the subject property.

4.2 Property Geology

The claims are underlain by Proterozoic Creston and Aldridge sediments which are locally intruded by Moyie dykes and sills of dioritic composition. Detailed mapping along the main roads and across more inaccessible areas indicates that the property west of Hall Creek is composed predominantly of greyish green weathered siltstones and argillites (Figure 4). These sediments are intercalated with rusty weathered argillites and quartzites. Numerous quartz secretion veins are seen concordant with bedding throughout the formation.

It appears that the Creston Formation is divided from the eastern Aldridge Formation by a major structure along Hall Creek, trending north-northeasterly onto the northern portion of the property.

The Aldridge Formation is marked by a rusty weathered assemblage of argillites, siltstones and quartzites, which locally trend northeast. These sediments show characteristic structures. The quartzites vary from finely

laminated to crossbedded units, while siltstones are generally marked by their argillaceous partings.

Two parallel trending Moyie sills are seen in the eastern-most portion of the property. Locally they are up to 50 m in width and are diorite to quartz diorite in composition. Sediments along the contact are seen as being strongly metamorphosed to a silicified quartz mica schist.

4.2.1 SHADO SHOWING

The Shado showing is located in the central part of the Hall claims (Figure 5). The showing consists of numerous parallel trending quartz veins which occur over a width of greater than 50 meters, with exposed strike lengths estimated to be in excess of 100 meters. The veins vary from a few to 30 cm in width and are often intensely mineralized.

The sediment hosted quartz veins appear related to a discordant feeder zone (>10 m in width) located in the central portion of the showing. The feeder zone is strongly silicified and carbonatized. Three trenches have exposed various portions of the mineralized zone. The veins exposed within the trenches are often monomineralic. Galena is predominantly associated with the veining, with lesser amounts of pyrite, chalcopyrite and sphalerite.

5.0 GEOCHEMISTRY

A total of 56 rocks, 18 silt and 1200 soil samples were collected on the property and analyzed by Kamloops Research and Assay, 912-1 Laval Crescent, Kamloops, B.C. Results of the rock and silt samples are presented on Figure 6. Soil sample results are plotted with respect to element on Figures 7 - 11. Plots were produced for Au, Ag, Pb, Zn,

and Cu. Anomalous results for Arsenic, Nickel and cadium were coincident with high Ag, Pb, Zn in rocks and soils, however, were not individually plotted.

5.1 Soil Sampling Survey

The soil samples were taken on an east-west grid. Lines were spaced 100 m apart with a sample spacing of 50 or 25 m. Near the Shado Showing a sample spacing of 10 m was used. Samples were collected from the B horizon, generally at a depth of 15 cm.

The results of the soil survey indicate that Three overlapping multi-element anomalies occur on the grid. The anomalies have been labeled as "A", "B" and "C" on the compilation map (Figure 14). Anomaly "A" is closely associated with the Shado showing and has dimensions of roughly 1 km x .5 km. The best values for most elements appear to roughly surround the showing. Anomaly "B" includes an extremely well defined copper anomaly with scattered high silver values. It is flanked to the east by anomaly "C" which is a coincident lead and zinc anomaly with some silver values.

Au: Gold values were generally very low (< 3ppb) with the exception of 4 samples between 10 and 45 ppb. Three of these samples occur on the western edge of the grid while one occurs on the eastern edge (Figure 7). The highest value of 45 ppb occurs within anomaly "C".

Ag: Anomalous silver values are slightly more scattered than the other elements with anomalies "A", "B" and "C" tending to blend into one another. Values of greater than 0.8 ppm are highlighted on Figure 8. The highest value obtained was 3.1 ppm, from just north of the Shado showing.

Pb: Lead values were highest within the same zones (A and C) as zinc and show good correlation with it. The highest value obtained was 619 ppm. Values greater than 100 ppm were highlighted on the geochem plot (Figure 9).

Zn: Both anomalies A and C are associated with high zinc values. Values greater than 200 ppm with considered anomalous and are marked on Figure 10. The highest values obtained was 795 ppm.

Cu: Anomaly "A" is generally low in copper, except around the margins of the detailed grid area, where slightly elevated values (up to 125 ppm) occur. The main zone of high copper values are contained within anomaly "B". The highest value was 510 ppm and all values greater than 100 ppm were highlighted on Figure 11.

5.2 Silt Sampling Survey

A total of 18 silt samples were taken on the property. A number of these were pan-concentrated in the field prior to assay (Figure 6). Results for Ag, Zn, Pb, and Cu were generally low, however, one spot high of .314 opt Au was recorded in sample PC 2006. This sample was screened and found to contain coarse gold. Nine of the silt samples are labeled by grid coordinates only and are not located on the sample plan.

5.3 Rock Sampling Survey

A total of 56 rock samples were taken on the property. All sample locations are shown on Figure 6. The highest values recorded in rock samples included: 58.6% Pb (JD 2021), 2.17% Zn (JD 2033), 1890 ppm Cu (JD 2032), 30.9 opt Ag (JD 2021), and 250 ppb Au (JD 2023). The high values were all

obtained from sulfide mineralized quartz veins and silicified areas within the Shado showing trenches.

6.0 GEOPHYSICS

Magnetometer and VLF-EM surveys were conducted on the subject property. A detail grid was established over the Shado Showing. Significant anomalies are indicated on the Compilation Map (Figure 14).

For the magnetometer survey, a Scintrex MP-2 proton precession magnetometer was used. The readings were corrected for diurnal variation by the loop method. (The base station was located at approximately 20E, 20N. A total of 31 kms was surveyed.

For the VLF-EM survey, a Geonics EM-16 was used, tuned to the Seattle transmitter (24.8 hz). A total of 19 km was surveyed.

6.1 Magnetometer Survey

The results of the magnetometer survey are shown in Figures 12a and 12b. The magnetic field strength ranges from about 56,000 to about 58,000 gammas, with most of the survey area being about 57,600 gammas.

The magnetic field is dominated by a north-northeasterly trending linear magnetic high which extends about 800 m from 3300E/1700N to 3400E/2500N. This feature almost certainly indicates the extent of a steeply dipping dioritic intrusion. Small magnetic highs near the linear feature probably indicate related intrusions.

Other weaker magnetic highs (see Figures 12a, b) are also probably due to dioritic intrusions. Their relative weakness is likely due to their greater depth.

6.2 VLF-EM Survey

The Fraser filtered inphase field strength readings are presented as Figure 13, and significant anomalies are shown on the Compilation Map (Figure 14).

The detail grid over the Shado Showing has two parallel northerly trending linear conductors extending from 2150E/1850N to 2300E/2400N and from 2250E/1800N to 2450E/2400N. The westernmost conductor correlates well with the known mineralized zone, possibly because of the massive metallic mineralization.

Possibly related conductors are noted on the northernmost survey line (2700N), but additional data is necessary before commenting on their trend or possible cause.

In the western part of the survey area, a conductor extends from 800E/2400N to 750E/2500N (possibly to 675E/2600N). Another possibly significant conductor is noted in the eastern part of the survey area, on lines 2400N and 2500N at 3800E. These conductors may indicate shear zones or faults, or possibly massive metallic mineralization.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the recent exploration program on the subject property indicate that silver, lead, zinc, copper and minor gold mineralization occurs in three main parallel zones in the southeastern portion of the grid. The zones trend northeasterly and are outlined by both

geochemical and geophysical anomalies (VLF-EM). A brief description of each anomaly is as follows:

-*Anomaly A*, a northeast trending soil anomaly (Ag, Pb, Zn) with two parallel northeast trending VLF-EM conductors which are coincident with the Shado showing. Values in rock samples taken from the Shado showing include up to 30.9 opt Ag, 58.6 % Pb and 2.17 % Zn.

-*Anomaly B*, a northeast trending soil anomaly (Cu) coincident with a zone of high magnetics. The zone has been interpreted to be related to a dioritic intrusion.

-*Anomaly C*, a northeast trending soil anomaly (Ag, Pb, Zn, Au) with a possible parallel VLF-EM conductor. Minor significant Au in soil is associated with this zone.

In addition, a high gold value was obtained from a panned stream concentrate in the southwestern portion of the property. As no other work was done in the vicinity of this sample, it is not known how significant this result is.

Multi-element anomalies, associated with VLF conductors, indicate the potential for significant precious and base metal mineralization on the subject property. Additional work including detailed VLF, trenching and preliminary drilling is both warranted and recommended.

Respectfully Submitted,

HI-TEC RESOURCE MANAGEMENT LTD.

Helen C. Grond, M.Sc., F.G.A.C.

8.0 REFERENCES

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report on Soil Grid Geochemistry, Vulcan Property, Redd 4,5,6 and 7 claims.

Borovic, I, (1988)
Report on the Mineral Exploration of the Redding Creek Property; Summary and Evaluation for Golden Arc Industries Ltd.

Eckstrand, O.R., ed., (1984)
Canadian Mineral Deposit Types: A geological synopsis: Economic Geology Report 36.

APPENDIX I

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, HELEN C. GROND, of the city of Vancouver, Province of British Columbia, hereby certify that:

1. I am a geologist residing at 2729 Yale Street, in the City of Vancouver, Province of British Columbia.

2. I obtained a Bachelor of Science degree in Geology from the University of British Columbia in 1980, and a Master of Science degree in Geology from the same University in 1982.

3. I am a Fellow, in good standing, of the Geological Association of Canada.

4. I have been practising my profession as a geologist in Canada and the United States permanently since 1982 and seasonally since 1978.

5. I have not received, nor do I expect to receive, any interests, direct or indirect in the securities of Mirandco Mines Inc.

Dated in Vancouver, British Columbia, this 20 day of December, 1988.

SIGNED: H Grond

Helen C. Grond, M.Sc., F.G.A.C.

STATEMENT OF QUALIFICATIONS

I, Jody Dahrouge, of the town of St. Paul, in the province of Alberta, do hereby certify:

1) I am a geologist employed by Hi-Tec Resource Management Ltd., of 1500-609 Granville Street, Vancouver, British Columbia.

2) I am a graduate of the University of Alberta, with a B.Sc., 1988, in Geological Sciences.

3) I have practised my profession as a geologist, for one field season since my graduation as follows:

1988 May-June, Lacana Mining Corp., Vancouver, B.C.

1988 July-Nov., Hi-Tec Resource Management Ltd., Vancouver, B.C.

4) I have not received, nor do I expect to receive any interests, direct or indirect in the securities of Mirandco Mines Ltd.

SIGNED: Jody Dahrouge

J. Dahrouge, B.Sc.

APPENDIX II

Geochemical Preparation and Analytical Procedure

KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — FAX 372-1112

GEOCHEMICAL ANALYSIS METHODS

Sample Preparation

1. Soils - The samples are dried in our geochemical drying oven and then screened through a stainless steel 80 mesh sieve. The minus 80 fraction is reserved for analysis and the plus 80 fraction is discarded (unless we have been requested to save it).

2. Rocks - The samples are dried, crushed, split then ground using a ring-grinder to approximately -100 mesh.

Au Method

Half to one assay ton of sample is weighed, silver added, along with fluxes and the sample is started as a fire assay. After cupellation the bead is dissolved and the sample is mixed to ensure homogeneity and, after settling, is read on an atomic absorption spectrophotometer using an air acetylene flame.

Cu, Pb, Zn, Ag, Mo, Ni, Sb, Co, Fe, Cd, Bi, Mn
Atomic Absorption

Weigh 1 gram of sample into test tube. Add .5 ml nitric acid. Place in hot water bath for 30 minutes. Add 1.5 ml hydrochloric acid and leave in hot water bath for a further 90 minutes. Bulk to 10 ml with distilled water. Mix thoroughly and read on A.A. For Mo samples AlCl3 must be added. Use background correction for Pb, Ag, Sb, Co, Cd.

As, Sn

Atomic Absorption partial extraction only.

FIRE ASSAY METHOD - GOLD 1 ASSAY TON

Please note that this is a general outline only.

1. Weigh 29,167 grams of sample.

2. Flux in crucible using litherge, silica , soda ash and borax. Amounts used will vary with sample matrix.

3. Add flour or potassium nitrate depending on whether the ore is oxidizing or reducing. (See note a).

4. Mix well and add a silver inquart.

5. Fuse at 1900 degrees F for 25 minutes to one hour depending on sample type. (See note b).

6. Pour, cool, remove lead button and hammer slag off. Resulting button should be free from slag and square.

7. Charge furnace with cupels 10 - 15 minutes prior to adding the lead buttons.

8. Cupel at 1650 degrees to blick (Cupel absorbs approx. 1 gram PbO per minute).

9. Remove cupels from furnace, cool.

10. a) Remove foreign matter from bead, place bead in test tube, dissolve in aqua regia, bulk to 10 ml and read on atomic absorption spectrophotometer.

OR

10. b) Remove foreign matter from bead, place bead in parting cup, part, anneal and weigh.

Notes:

a. Class I & III ores add flour.
   Class II ore add potassium nitrate.
b. Class I & III ores fuse for 30 minutes to one hour.
   Class II ore fuse for 25 - 35 minutes.

LEAD

1. Weigh .5 - 1.0 g of sample into 250 ml beaker.
2. Digest in 10 mls H_2O, 25 mls HNO_3, 4 grams $KClO_3$ (1 switchplate) and 15 mls 1:1 H_2SO_4.
3. Take to copius fumes. 2 ml Sulphuric left.
4. Remove and cool - add 5 mls 1:1 H_2SO_4.
5. Bulk to 125 mls with H_2O, cover and boil.
6. Cool to room temperature.
7. Filter through 12.5 cm #1 Whatman filter paper.
8. Wash 3 times with cold H_2O.
9. Place residue and filter paper back into original beaker.
10. Add 15 mls 1:1 Ammonium Acetate and bulk to 175 mls with H_2O.
11. Bring to a boil - boil 15 minutes and titrate to yellow endpoint.

Ammonium molybdate

8.52 g/l .01 solution

KRAL A.A.

Pb, Zn, Cu, Fe, Ni, Mo, Ag, Cd, Co, Bi, Mn

1. Weigh 1.0 into 100 ml beaker or 200 ml flask.
2. Add 10 mls H_2O, 10 ml HNO_3, or mix, and 15 mls HCl.
3. Digest on hot plate for 45 minutes. Add 10 ml HCl
4. Remove, cool - Transfer solution in beaker to appropriate size flasks and bulk.

- Bulk solution in flasks to 200.

Ag

Digest using 15 mls HCl, 10 mls HNO_3-$KClO_3$ mix and 10 mls H_2O.
Add 10 mls HCl to the flask before bulking.

Ni & Mo

Add $AlCl_3$ solution (357 gm/2l) to make 10% of final volume.

** HNO_3 - $KClO_3$ mix - 60 grams $KClO_3$/ winchester HNO_3.

ZINC

Ferrocyanide Method of Determination

1. Weigh .25 - 1.0 g (0.5) sample into 150 ml beaker.
2. Add 10 mls H_2O.
   10 mls HCl (Heat to boiling)
   10 mls HNO_3.
3. Digest on low plate.
4. When decomposition is complete add 10 mls H_2SO_4 (1:1)
5. Take to dryness.
6. Remove and cool.
7. Pick up with 10 mls HCl and 20 mls of H_2O. Cover and heat to boiling.
8. Cool and add 25 mls of Ammonium Mix.
9. Cover and boil for 5 minutes. Wash down sides of beakers.
10. Cool and filter through a #1 Whatman, slow fold into a 400 ml beaker containing 1 spoon test lead.
11. Wash twice with hot 10% NH_4OH solution.
12. Transfer iron precipitate back into original beaker and add 10 mls HCl to dissolve the precipitate and heat.
13. Remove from heat and reprecipitate with 25 ml Ammonia Mix.
14. Filter again into original funnel and beaker and wash twice with 10% NH4OH solution.
15. Discard filter paper and precipitate.
16. Add 3 drops methyl orange and acidify with HCl and add a few drops in excess.
17. Bulk to 300 mls with H_2O, bring to a boil and continue boiling for 30 minutes.
18. Just before titration add 5 mls concentrate HCl.

Ammonia Mix
- 155.6g NH_4Cl
- 2.2g ammonia persulphate
- 1 bottle (2000 mls) NH_4OH

Potassium Ferrocyanide
- 817g in 19 l H_2O

APPENDIX III

Field and Analytical Data For Rock, Soil and Silt Samples

Hall Claims - Sample Descriptions

Sample No.	Sample Description
JD - 2001	Grab sample from ore stockpile. Sample is light grey-black, medium grained, silicified gossan. Host rock is light grey (weathered) argillite. -Quartz, limonite and biotite. -(> 80% sulfides) galena, sphalerite, chalcopyrite and pentlandite.
JD - 2002	Grab sample from ore stockpile. Sample is white-black (greyish), rusty (weathered), medium grained, silicified gossan. Host rock is smoky quartz. -Quartz, limonite, biotite and magnetite -(> 60% sulfides) galena (massive), chalcopyrite (fine disseminated) and pyrite (fine disseminated)
JD - 2003	Grab sample from upper trench. Sample is light green (fresh), rusty (weathered) quartzite/argillite. -Quartz, limonite and chalcopyrite -(< 2-3% sulfides) pyrite (fine disseminated) and chalcopyrite (fine disseminated).
JD - 2004	Grab sample fron upper trench. Sample is light grey-black (fresh); rusty (weathered) quartz vein. -Quartz and limonite -(< 40% sulfides), galena (massive) and pyrite (disseminated).
PC - 2001	Grab sample from outcrop of 1 m wide quartz vein located on switchback road. Sample is light brown (weathered), fine-medium grained. -Quartz (vuggy) and limonite. -(< 1% sulfides) pyrite.
JD - 2005	Grab sample from outcrop. Sample is light grey (fresh), rusty-brown (weathered), fine grained, partly silicified argillite -Quartz, limonite and manganese staining. -(< 1% sulfides) pyrite (very fine, disseminated).
JD - 2006	Silt sample.

JD - 2007	Grab sample from outcrop. Sample is buff-light grey (fresh), rusty (weathered), fine grained, silicified siltsone/quartzite. -Quartz, limonite, muscovite and chalcopyrite. -(< 1% sulfides) pyrite (Very fine disseminated).
JD - 2008	Silt sample.
JD - 2009	Silt sample.
JD - 2010	Grab sample from outcrop. Sample is light green-white (fresh), rusty (weathered), fine grained, strongly silicified argillite. -Quartz, limonite, malachite, native copper and chalcopyrite. -(< 3% sulfides) galena, sphalerite and chalcopyrite
JD - 2011	Grab sample from outcrop. Zone is intensely folded/sheared. Sample is light green (fresh), rusty (weathered), fine grained, quartz vein (hosted by argillite). -Quartz, limonite, chalcopyrite and muscovite. -(3% sulfides) galena and pyrite.
JD - 2012	Silt sample.
JD - 2013	Grab sample from float. Sample is white/rusty weathered quartz vein. -Quartz, chalcopyrite, manganese stained, limonite and hematite staining. -(< 3% sulfides) galena.
JD - 2014	Grab sample from float. Sample is red/rusty weathered quartz vein., -Quartz , muscovite, limonite, hematite staining and manganese staining. -(< 2% sulfides) pyrite.
JD - 2015	Grab sample from outcrop. Sample is rusty/white quartz vein. -Quartz, chalcopyrite and limonite. -No visible mineralization.
JD - 2016	Grab sample from outcrop. Sample is rusty/grey/red quartz vein. -Quartz, chalcopyrite, limonite and hematite staining.

-No visible mineralization.

JD - 2017 — Grab sample from outcrop. Sample is rusty/white quartz vein.
-Quartz, limonite and hematite staining.
-(< 4% sulfides) galena; pyrite.

JD - 2018 — Grab sample from float. Sample is white/rusty weathered quartz vein.
-Quartz, chalcopyrite and limonite.
-(< 1% sulfides) pyrite.

Trench Examination
Trench No. 1 - Above Round Cut

JD - 2019 — 1 m chip sample from outcrop east of vein. Sample is light green, strongly silicified quartzite.
-Quartz, chalcopyrite and limonite.
-(< 4% sulfides) pyrrhotite.

JD - 2020 — 1 m chip sample from outcrop (including 10-25 cm wide quartz vein), of rusty weathered, light green fresh, fine-coarse grained, quartzite.
-Quartz, chalcopyrite, limonite and hematite staining.
-(< 35% sulfides) galena (massive), pyrrhotite, pyrite, sphalerite, chalcopyrite and hematite.

JD - 2021 — 25 cm chip of above quartz vein rusty weathered, black/white fresh, coarse grained.
-Quartz and limonite.
-(< 90% sulfides) galena (massive), sphalerite, chalcopyrite and pyrite (fine disseminated).

JD - 2022 — 1 m chip across west side of trench, sample is rusty weathered, light grey fresh, fine grained quartzite.
-Quartz and limonite.
-(< 4% sulfides) galena, chalcopyrite, pyrrhotite as fracture fill.

JD - 2023 — Grab sample from talus (derived from overlying outcrop). Sample is light grey, fine grained, carbonatized "feeder zone" or possible shear zone.
-Quartz, malachite, azurite, cynotrichite and talc.

	-(< 2% sulfides) finely disseminated chalcopyrite.
JD - 2024	Soil sample.
JD - 2025	Grab sample from silicified zone in contact in possible shear (extremely resistant unit, highly silicified). -Quartz, limonite and calcite -(< 4% sulfides) pyrite, galena and pyrrhotite.
Trench #2	
JD - 2026	1 m chip sample on west side of trench (includes 2-10 cm quartz veins) hosted by silicified argillic unit. Sample is rusty (weathered), light grey/black/ white fresh, medium-coarse grained. -Quartz, limonite, chalcopyrite, pyrite (abundant pyrrhotite).
JD - 2027	1 m Chip sample, including 1 6 cm quartz vein, 1 20 cm quartz vein within an argillic unit. Sample is rusty, black weathered, green fresh, fine grained. -Quartz, limonite, hematite staining and chalcopyrite. -(< 7% sulfides) galena, pyrite and pyrrhotite.
JD - 2028	1 m chip sample of rusty weathered, light grey fresh, fine grained silicified siltstone/quartzite. -Quartz and limonite. -(< 2% sulfides) galena, pyrrhotite.
JD - 2029	1 m chip sample, including 10 cm quartz vein, of rusty weathered, light grey fresh, medium grained. -Quartz, limonite and chlorite. -(< 25% sulfides) pyrite and galena.
JD - 2030	1 m chip sample, hosting two 4 cm wide quartz veins. Sample is rusty/light green (weathered), (fresh), fine grained host. -Quartz, limonite and chalcopyrite. -(< 30% sulfides) pyrite, galena, arsenopyrite.
JD - 2031	Grab saple from quartz stringer 6 m east of trench #2. Sample is rusty/black weathered, black/white fresh, medium

	grained, quartz vein hosted by argillic/graphitic crust. -Quartz and limonite. -(< 20% sulfides) galena, pyrite.
JD - 2032	Grab sample from west trench wall, south of trench face. Sample is hosted by rusty weathered, fine grained, silicified quartzite unit. -Quartz, limonite, hematite staining. -(< 65% sulfides) pyrite, galena, hematite, magnetite pyrrhotite or pyrite.
JD - 2033	Grab sample is rusty weathered; black/white fresh, medium grained, mineralized quartz vein hosted by a light grey/buff quartzite. -Quartz and limonite. -(< 60% sulfides) galena pyrrhotite and chalcopyrite. -(< 1% sulfides) disseminated pyrite.
JD - 2035	Grab sample from outcrop of 10 cm quartz vein, sample is rusty weathered, white fresh, medium grained. -Quartz and limonite. -(< 5% sulfides) galena, pyrite.
JD - 2036	Grab sample from outcrop of brown weathered, light grey fresh, fine grained, carbonatized/silicified feeder zone. -Quartz, calcite, malachite and limonite. -(< 5% sulfides) galena, chalcopyrite and pyrite (fine disseminated).
JD - 2037	Grab sample from outcrop of folded/ silicified rusty weathered, medium grained, quartzite in argillic partings. -Quartz and limonite. -(< 5% sulfides) pyrite, galena.
JD - 2038	Grab sample from outcrop of folded/ silicified rusty weathered, medium grained, quartzite in argillic partings. -Quartz and limonite. -(< 5% sulfides) pyrite, galena.
JD - 2039	Silt sample from west corner of property.

JD - 2040	Silt sample from south flowing stream 884 m west of east claim boundary along round cut.
JD - 2041	Grab sample taken from outcrop of grey/dark grey weathered, light green fresh medium grained diorite/ amphibolite with mineralization. -Augite, plagioclase, actinolite/ tremolite , chalcopyrite quartz. -(< 2% sulfides) pyrite and chalcopyrite.
JD - 2042	Grab sample taken from quartz stringer at intrusive metased contact intrusive is metadiorite/amphibolite, metased is silicified schist. -Quartz, limonite and chalcopyrite. -No visible mineralization.
JD - 2043	Grab sample from float, sample is buff/red weathered, fine grained, quartzite derived from overlying talus chute. -Quartz, limonite andhematite staining. -(< 5% sulfide) pyrite, pyrrhotite (perfect crystals up to 5 mm in width).
JD - 2044	Grab sample from outcrop of veined quartzite/(tuff?), sample is buff weathered, light grey fresh, fine grained silicified chert. -Quartz, limonite and goethite. -(< 2% sulfides) very fine disseminated pyrite.
JD - 2045	Grab sample from outcrop of rusty quartz vein hosted by bedded quartzite (light grey fresh). -Quartz and limonite. -(< 2% sulfides) arsenopyrite. -Sample is very weathered.
JD - 2046	Grab sample from outcrop of rusty quartz vein hosted by bedded quartzite. -Quartz and limonite. -(2% sulfides) arsenopyrite.
JD - 2050	Grab sample from quartz vein hosted in black argillite. -2% disseminated galena -hematite and limonite staining

RH - 2001	Grab sample from outcrop. Sample is rusty weathered, light grey (fresh) fine grained banded siltstone with micro folding. -Quartz, limonite, manganese staining and malachite. -(< 3% sulfides) galena, chalcopyrite as fracture fill and in association with quartz stringers.
RH - 2002	Grab sample from outcrop sample is light green/red weathered, fine grained, silicified argillaceous siltstone. -Quartz, chalcopyrite, limonite and hematite staining. -(< 2% sulfides) galena, pyrite.
RH - 2003	Grab sample from outcrop. Sample is rusty weathered, light green, white fresh medium grained, silicified argillite. -Quartz, chalcopyrite, actinolite and limonite. -No visible mineralization (abundant limonite).
RH -2004	Grab sample from outcrop. Sample is dark green, grey weathered, dark green/white fresh quartz vein hosted by migmitite. -Quartz, actin, chlorite, muscovite and limonite. -(< 1% sulfide) pyrite.
JM - 1001	Grab sample from outcrop on south claimline. Sample is medium brown (weathered), light grey (fresh), fine grained quartzite with argillite parting. -(< 1% sulfides) pyrite in argillite.
JM - 1002	Grab sample from outcrop on switch back road. Sample is medium green argillite with small quartz veins. -No visible sulfides.
JM - 1003	Grab sample from outcrop on switch back road. Sample is rusty (weathered) white (fresh), quartz vein. -Quartz, limonite, hematite stained and manganese staining. -(< 5% sulfides) galena and pyrite.

JM - 1004	Grab sample from outcrop 0+35 S 8+50 E. Sample is rusty (weathered) red staining (cobalt ?) quartz vein, hosted by argillite. -Quartz, hematite staining, cobalt stained and muscovite. -(< 1% sulfides) pyrite.
JM - 1005	Grab sample from interval along outcrop 0+35S 8+50E, interval 40 m. Sample is rusty, red staining (Cobalt ?) quartz vein hosted by argillite. -Quartz, hematite staining, cobalt staining and muscovite. -(< 1% sulfides) pyrite.
PC - 2002	Grab sample from interval along outcrops 320 m along power saw trail and 60 m west towards Hall lake creek. Sample is of rusty quartz veins hosted by argillite. -Quartz and hematite staining and manganese stained. -No visible mineralization.
PC - 2003	Grab sample from outcrop of argillite hosted quartz veins from the east side hall lake creek 300m South of start of upper powersaw trail. Sample is of a rusty quartz vein. -Quartz, hematite staining and muscovite. -(< 1% sulfides) pyrite.
PC - 2004	Grab sample from outcrop of vein hosted by chloritic argillite, located 250 m east of west chain line. Sample is a rusty quartz vein hosted by argillite. -Quartz and hematite staining. -No visible mineralization.
JM - 1006	Grab sample from outcrop along Redding creek Road near west claim line. Sample is rusty weathered argillite with rusty partings. -argillite with hematite staining. -No visible mineralization.
JM - 1007	Grab sample from outcrop along Redding Creek Road. Sample is a rusty weathering, dark intrusive. Metamorphosed to amphibolite facies, dark brown, coarse grained meta-diorite.

JM - 1008		Grab sample from outcrop along switch back road. Sample is a rusty weathered quartz vein hosted by argillite. -Quartz and hematite staining - No visible mineraliztion.
JM - 1009		Grab smaple from outcrop along Switch back road. Sample is weathered argillite with hematite and manganese staining. -Hematite staining and manganese. -No visible mineralization.
JM - 1010		Grab sample from float along redding creek road. Sample is a gossanous argillite, very heavy hematite staining. -Hematite staining. -No visible mineralization.
2150E/GS/24N 40E/GS 25N 40E/2GS/25N	} } }	Grab samples of heavily pyritized argillite.

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CTA

** ASSAY CERTIFICATE **

To: Golden Dividend Syndicate
P.O. Box 694
Kamloops, B.C.
V2C 5L7

Attn:

Number: K 9364

Date: Dec. 29, 1988

Proj.:

No.	Description	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
1	JD 2020	--	8.75	14.9	--
2	JD 2021	--	30.9	58.6	1.47
3	JD 2026	--	4.37	9.15	--
4	JD 2029	--	--	.45	--
5	JD 2031	--	--	.59	--
6	JD 2032	--	1.05	1.98	--
7	JD 2033	--	24.5	53.9	2.17
8	JD 2036	--	--	.68	--
9	PC 2006	* .314	--	--	--

* Sample has been screened and found to contain coarse gold. See Below.

		% Weight	Au ozs/ton	Comb Au ozs/ton
9	PC 2006 -100 mesh	98.3	.112	.314
	PC 2006 +100 mesh	1.7	11.9	

Derek A. Brunsell

B.C. Certified Assayer

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CTA

** GEOCHEMICAL REPORT**

To: GOLDEN DIVIDEND SYNDICATE LTD.
BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2072

Date: NOV. 10, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
1	23+15E L20N	3.0	0.2	147.0	156.0	65.0
2	23+50E	3.0	0.4	52.0	146.0	8.0
3	24+00E	3.0	0.4	64.0	115.0	10.0
4	24+50E	3.0	0.4	50.0	68.0	21.0
5	25+00E	3.0	0.2	45.0	99.0	22.0
6	25+50E	3.0	0.3	56.0	95.0	28.0
7	26+00E	3.0	0.3	54.0	80.0	14.0
8	26+50E	3.0	0.8	79.0	99.0	20.0
9	27+00E	3.0	0.2	25.0	46.0	10.0
10	27+50E	3.0	0.4	30.0	75.0	12.0
11	28+00E	3.0	0.7	46.0	42.0	31.0
12	28+50E	3.0	0.6	37.0	106.0	18.0
13	29+00E	3.0	0.6	54.0	70.0	51.0
14	29+50E	3.0	0.5	33.0	86.0	17.0
15	30+00E L20N	3.0	0.5	38.0	105.0	60.0
16	20+50E L22N	3.0	0.4	24.0	56.0	12.0
17	21+00E	3.0	0.5	34.0	40.0	16.0
18	21+50E	3.0	0.4	35.0	64.0	15.0
19	22+00E	3.0	0.6	74.0	88.0	21.0
20	22+50E	3.0	0.6	50.0	107.0	10.0
21	23+00E	3.0	0.2	54.0	42.0	22.0
22	23+50E	3.0	0.5	56.0	168.0	13.0
23	24+00E	3.0	0.5	122.0	165.0	30.0
24	24+50E	3.0	0.4	55.0	150.0	18.0
25	25+00E	3.0	0.7	79.0	201.0	26.0
26	25+50E	3.0	0.8	123.0	207.0	125.0
27	26+00E	3.0	0.5	30.0	147.0	32.0
28	26+50E	3.0	1.0	100.0	144.0	47.0
29	27+50E	3.0	0.6	51.0	106.0	23.0
30	28+00E	3.0	0.5	44.0	74.0	27.0
31	28+50E	3.0	0.5	74.0	120.0	34.0
32	29+00E	3.0	0.6	61.0	172.0	10.0
33	29+50E L22N	3.0	0.4	51.0	138.0	9.0
34	20+50E L23N	3.0	0.4	30.0	96.0	7.0
35	21+00E	3.0	0.4	34.0	129.0	14.0
36	21+50E	3.0	0.6	44.0	110.0	21.0
37	22+00E	3.0	0.4	32.0	61.0	22.0
38	22+50E	3.0	0.4	61.0	117.0	6.0
39	23+00E	3.0	0.7	87.0	410.0	5.0
40	23+50E L23N	3.0	0.6	95.0	374.0	9.0

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** GEOCHEMICAL REPORT**

To: GOLDEN DIVIDEND SYNDICATE LTD.
BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2072

Date: NOV. 10, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
1	23+15E L20N	112.0	12.0	0.7	3.0
2	23+50E	22.0	13.0	1.0	3.0
3	24+00E	20.0	13.0	0.5	3.0
4	24+50E	10.0	9.0	0.1	3.0
5	25+00E	10.0	10.0	0.2	3.0
6	25+50E	24.0	20.0	0.4	3.0
7	26+00E	10.0	15.0	0.3	3.0
8	26+50E	20.0	25.0	0.3	3.0
9	27+00E	10.0	7.0	0.0	3.0
10	27+50E	10.0	8.0	0.2	3.0
11	28+00E	38.0	18.0	0.0	3.0
12	28+50E	10.0	14.0	0.2	3.0
13	29+00E	10.0	18.0	0.2	3.0
14	29+50E	10.0	16.0	0.2	3.0
15	30+00E L20N	10.0	16.0	0.5	3.0
16	20+50E L22N	10.0	20.0	0.0	3.0
17	21+00E	10.0	27.0	0.2	3.0
18	21+50E	36.0	28.0	0.2	3.0
19	22+00E	50.0	27.0	0.3	3.0
20	22+50E	30.0	21.0	0.3	3.0
21	23+00E	86.0	7.0	0.1	3.0
22	23+50E	48.0	15.0	1.0	3.0
23	24+00E	98.0	26.0	1.1	3.0
24	24+50E	24.0	18.0	0.5	3.0
25	25+00E	24.0	20.0	2.1	3.0
26	25+50E	10.0	22.0	2.2	3.0
27	26+00E	10.0	19.0	0.4	3.0
28	26+50E	88.0	32.0	0.4	3.0
29	27+50E	38.0	35.0	0.2	3.0
30	28+00E	32.0	25.0	0.2	3.0
31	28+50E	100.0	27.0	0.4	3.0
32	29+00E	28.0	28.0	0.5	3.0
33	29+50E L22N	10.0	22.0	0.5	3.0
34	20+50E L23N	10.0	23.0	0.5	3.0
35	21+00E	10.0	22.0	0.4	3.0
36	21+50E	10.0	26.0	0.4	3.0
37	22+00E	28.0	11.0	0.1	3.0
38	22+50E	10.0	18.0	0.6	3.0
39	23+50E	66.0	24.0	2.8	3.0
40	23+50E L23N	30.0	15.0	1.5	3.0

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• GEOCHEMICAL REPORT •

To:GOLDEN DIVIDEND SYNDICATE LTD.
BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2072

Date: NOV. 10, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
41	24+00E L23N	3.0	0.4	63.0	140.0	21.0
42	24+50E	3.0	0.9	131.0	110.0	23.0
43	25+00E	3.0	1.4	576.0	795.0	36.0
44	25+50E	3.0	1.9	129.0	464.0	37.0
45	26+00E	3.0	0.6	68.0	98.0	27.0
46	26+50E	3.0	0.6	37.0	133.0	14.0
47	27+00E	3.0	0.6	58.0	129.0	19.0
48	27+50E	3.0	0.6	44.0	110.0	23.0
49	28+00E	3.0	0.5	76.0	124.0	37.0
50	28+50E	3.0	0.6	53.0	148.0	22.0
51	29+00E	3.0	0.6	52.0	152.0	17.0
52	29+50E L23N	3.0	0.6	89.0	156.0	22.0
53	10+00E L24N	3.0	0.4	19.0	67.0	17.0
54	10+50E	3.0	0.3	20.0	69.0	25.0
55	11+00E	3.0	0.6	15.0	210.0	9.0
56	11+50E	3.0	0.5	16.0	46.0	10.0
57	12+00E	3.0	0.6	12.0	43.0	21.0
58	12+50E	3.0	0.2	22.0	53.0	25.0
59	13+00E	3.0	0.5	19.0	75.0	20.0
60	13+50E	3.0	0.3	82.0	108.0	26.0
61	14+00E	3.0	0.3	19.0	61.0	5.0
62	14+50E	3.0	0.4	25.0	113.0	9.0
63	15+00E L24N	3.0	0.4	21.0	128.0	13.0
64	15E T/L 24N	3.0	0.3	17.0	90.0	16.0
65	15+50E L24N	3.0	0.4	22.0	64.0	17.0
66	16+00E	3.0	0.3	16.0	58.0	6.0
67	16+50E	3.0	0.5	25.0	71.0	20.0
68	17+00E	3.0	0.6	19.0	70.0	8.0
69	17+50E	3.0	0.3	16.0	55.0	7.0
70	18+00E	3.0	0.3	14.0	51.0	8.0
71	18+50E	3.0	0.7	24.0	70.0	21.0
72	19+00E	3.0	0.4	65.0	81.0	40.0
73	19+50E	3.0	0.7	23.0	77.0	9.0
74	20+00E	3.0	0.7	23.0	60.0	13.0
75	20+50E	3.0	0.8	25.0	97.0	18.0
76	21+00E	3.0	0.5	35.0	59.0	28.0
77	21+50E	3.0	0.9	30.0	49.0	10.0
78	22+00E	3.0	0.4	35.0	55.0	25.0
79	22+50E	3.0	1.1	110.0	104.0	13.0
80	23+00E L24N	3.0	0.8	44.0	210.0	12.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To GOLDEN DIVIDEND SYNDICATE LTD.
BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2072

Date: NOV. 10, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
41	24+00E L23N	44.0	26.0	0.4	3.0
42	24+50E	72.0	32.0	0.1	3.0
43	25+00E	64.0	40.0	5.4	3.0
44	25+50E	62.0	28.0	2.6	3.0
45	26+00E	20.0	17.0	0.5	3.0
46	26+50E	10.0	21.0	0.8	3.0
47	27+00E	38.0	32.0	0.6	3.0
48	27+50E	22.0	28.0	0.5	3.0
49	28+00E	36.0	27.0	0.8	3.0
50	28+50E	28.0	20.0	0.7	3.0
51	29+00E	22.0	32.0	0.7	3.0
52	29+50E L23N	38.0	26.0	1.1	3.0
53	10+00E L24N	10.0	14.0	0.0	3.0
54	10+50E	10.0	16.0	0.1	3.0
55	11+00E	10.0	12.0	0.2	3.0
56	11+50E	10.0	19.0	0.0	3.0
57	12+00E	10.0	22.0	0.1	3.0
58	12+50E	10.0	20.0	0.0	3.0
59	13+00E	10.0	24.0	0.0	3.0
60	13+50E	352.0	15.0	0.4	3.0
61	14+00E	10.0	10.0	0.0	3.0
62	14+50E	10.0	19.0	0.1	3.0
63	15+00E L24N	10.0	22.0	0.1	3.0
64	15E T/L 24N	10.0	15.0	0.0	3.0
65	15+00E L24N	10.0	24.0	0.0	3.0
66	16+00E	10.0	14.0	0.0	3.0
67	16+50E	10.0	38.0	0.0	3.0
68	17+00E	10.0	21.0	0.0	3.0
69	17+50E	10.0	18.0	0.0	3.0
70	18+00E	10.0	15.0	0.0	3.0
71	18+50E	10.0	19.0	0.0	3.0
72	19+00E	10.0	20.0	0.5	3.0
73	19+50E	10.0	20.0	0.1	3.0
74	20+00E	10.0	22.0	0.1	3.0
75	20+50E	10.0	33.0	0.2	3.0
76	21+00E	38.0	25.0	0.0	3.0
77	21+50E	10.0	25.0	0.2	3.0
78	22+00E	38.0	15.0	0.0	3.0
79	22+50E	20.0	18.0	0.6	3.0
80	23+00E L24N	10.0	37.0	0.8	3.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2072

Date: NOV. 10, 1988

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KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
81	23+50E L24N	3.0	1.1	51.0	306.0	13.0
82	24+00E	3.0	1.1	121.0	421.0	12.0
83	24+50E	3.0	0.7	89.0	154.0	46.0
84	25+00E	3.0	0.8	30.0	264.0	18.0
85	25+50E	3.0	2.1	619.0	650.0	43.0
86	26+00E	3.0	0.9	94.0	392.0	21.0
87	26+50E	3.0	0.6	56.0	195.0	16.0
88	27+00E	3.0	0.6	32.0	162.0	21.0
89	27+50E	3.0	0.6	36.0	210.0	12.0
90	28+00E	3.0	0.7	46.0	137.0	23.0
91	28+50E	3.0	0.6	44.0	81.0	32.0
92	29+00E	3.0	0.5	52.0	215.0	18.0
93	29+50E	3.0	0.6	59.0	181.0	17.0
94	30+00E L24N	3.0	0.5	50.0	93.0	22.0
95	10+00E L25N	3.0	0.4	12.0	60.0	6.0
96	10+50E	3.0	0.4	9.0	36.0	4.0
97	11+00E	3.0	0.4	10.0	48.0	9.0
98	11+50E	3.0	0.6	22.0	42.0	47.0
99	12+00E	3.0	0.8	18.0	56.0	23.0
100	12+50E	3.0	0.4	18.0	45.0	40.0
101	13+00E	3.0	0.9	23.0	46.0	42.0
102	13+50E	3.0	0.5	16.0	69.0	8.0
103	14+00E	3.0	0.4	17.0	70.0	6.0
104	14+50E	3.0	0.3	16.0	63.0	24.0
105	15+00E	3.0	0.3	16.0	70.0	20.0
106	15+50E	3.0	0.2	12.0	72.0	13.0
107	16+00E	3.0	0.3	16.0	60.0	19.0
108	16+50E	3.0	0.4	18.0	72.0	20.0
109	17+00E	3.0	0.7	23.0	89.0	18.0
110	17+50E	3.0	0.5	19.0	70.0	11.0
111	18+00E	3.0	0.5	21.0	59.0	15.0
112	18+50E	3.0	0.4	22.0	54.0	15.0
113	19+00E	3.0	0.4	21.0	48.0	29.0
114	19+45E	3.0	0.4	30.0	74.0	34.0
115	19+50E	3.0	0.3	25.0	58.0	39.0
116	20+00E	3.0	0.4	19.0	54.0	13.0
117	20+50E	3.0	0.6	16.0	44.0	9.0
118	21+00E	3.0	0.6	28.0	96.0	13.0
119	21+50E	3.0	0.7	24.0	53.0	15.0
120	22+00E L25N	3.0	0.7	29.0	75.0	8.0

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* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2072

Date: NOV. 10, 1988

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KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
81	23+50E L24N	10.0	30.0	2.0	3.0
82	24+00E	10.0	48.0	3.1	3.0
83	24+50E	120.0	27.0	0.6	3.0
84	25+00E	20.0	31.0	1.0	3.0
85	25+50E	98.0	28.0	5.4	3.0
86	26+00E	28.0	25.0	2.1	3.0
87	26+50E	10.0	14.0	2.1	3.0
88	27+00E	10.0	26.0	0.6	3.0
89	27+50E	10.0	17.0	1.0	3.0
90	28+00E	10.0	31.0	0.4	3.0
91	28+50E	34.0	29.0	0.0	3.0
92	29+00E	10.0	25.0	0.9	3.0
93	29+50E	24.0	24.0	0.6	3.0
94	30+00E L24N	28.0	22.0	0.2	3.0
95	10+00E L25N	10.0	15.0	0.0	3.0
96	10+50E	10.0	15.0	0.0	3.0
97	11+00E	10.0	20.0	0.0	3.0
98	11+50E	30.0	48.0	0.0	3.0
99	12+00E	10.0	51.0	0.0	3.0
100	12+50E	10.0	33.0	0.0	3.0
101	13+00E	10.0	48.0	0.0	3.0
102	13+50E	10.0	31.0	0.0	3.0
103	14+00E	10.0	20.0	0.0	3.0
104	14+50E	10.0	13.0	0.0	3.0
105	15+00E	10.0	20.0	0.0	3.0
106	15+50E	10.0	11.0	0.0	3.0
107	16+00E	10.0	24.0	0.0	3.0
108	16+50E	10.0	32.0	0.0	3.0
109	17+00E	10.0	22.0	0.0	3.0
110	17+50E	10.0	16.0	0.0	3.0
111	18+00E	10.0	16.0	0.0	3.0
112	18+50E	10.0	19.0	0.0	3.0
113	19+00E	10.0	16.0	0.0	3.0
114	19+45E	10.0	17.0	0.2	3.0
115	19+50E	10.0	18.0	0.1	3.0
116	20+00E	10.0	25.0	0.1	3.0
117	20+50E	10.0	16.0	0.2	3.0
118	21+00E	10.0	24.0	0.0	3.0
119	21+50E	10.0	26.0	0.0	3.0
120	22+00E L25N	10.0	21.0	0.4	3.0

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B.C. CERTIFIED ASSAYERS

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BOX 694
KAMLOOPS, B.C.
V2C 5L7

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KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
121	22+50E L25N	3.0	0.5	46.0	79.0	36.0
122	23+00E	3.0	3.1	66.0	194.0	14.0
123	23+50E	3.0	1.2	54.0	188.0	13.0
124	24+00E	3.0	0.5	64.0	149.0	27.0
125	24+50E	3.0	0.6	60.0	114.0	25.0
126	25+00E	3.0	1.1	53.0	202.0	24.0
127	25+50E	3.0	1.9	210.0	409.0	26.0
128	26+00E	3.0	2.8	386.0	581.0	64.0
129	26+50E	3.0	1.3	174.0	705.0	15.0
130	27+00E	3.0	0.8	46.0	157.0	43.0
131	27+50E	3.0	0.7	53.0	138.0	29.0
132	28+00E	3.0	0.8	27.0	86.0	22.0
133	28+50E	3.0	0.6	38.0	117.0	13.0
134	29+00E	3.0	0.6	37.0	130.0	22.0
135	29+50E	3.0	0.7	52.0	125.0	28.0
136	30+00E	3.0	0.7	59.0	124.0	28.0
137	30+50E	3.0	0.5	34.0	149.0	13.0
138	30+67E (CR)	3.0	0.9	56.0	110.0	76.0
139	31+00E	3.0	0.6	56.0	68.0	35.0
140	31+50E	3.0	0.8	40.0	93.0	58.0
141	32+00E	3.0	0.6	30.0	69.0	41.0
142	32+50E	3.0	0.6	27.0	96.0	45.0
143	33+00E	3.0	0.9	16.0	87.0	42.0
144	33+50E	3.0	0.6	52.0	88.0	87.0
145	34+00E	3.0	1.1	25.0	129.0	114.0
146	34+50E	3.0	1.0	20.0	134.0	65.0
147	35+00E	3.0	0.8	27.0	117.0	33.0
148	35+50E	3.0	0.8	24.0	105.0	104.0
149	36+00E	3.0	0.9	17.0	129.0	235.0
150	36+50E	3.0	0.8	20.0	125.0	128.0
151	37+00E	3.0	0.7	79.0	167.0	26.0
152	37+50E	3.0	1.0	102.0	159.0	181.0
153	38+00E	3.0	0.9	27.0	168.0	15.0
154	38+50E	3.0	0.8	42.0	138.0	22.0
155	39+00E	3.0	0.8	27.0	165.0	27.0
156	39+50E	3.0	0.7	40.0	156.0	22.0
157	40+00E L25N	3.0	0.6	65.0	145.0	33.0
158	10+00E L26N	3.0	0.6	22.0	57.0	10.0
159	10+50E	3.0	0.6	18.0	57.0	6.0
160	11+50E L26N	3.0	0.4	20.0	30.0	10.0

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2072

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KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
121	22+50E L25N	40.0	19.0	0.3	3.0
122	23+00E	10.0	23.0	1.3	3.0
123	23+50E	10.0	38.0	1.5	3.0
124	24+00E	10.0	24.0	0.4	3.0
125	24+50E	10.0	16.0	0.4	3.0
126	25+00E	10.0	43.0	1.1	3.0
127	25+50E	36.0	34.0	4.3	3.0
128	26+00E	92.0	48.0	7.8	3.0
129	26+50E	84.0	20.0	7.5	3.0
130	27+00E	10.0	18.0	0.8	3.0
131	27+50E	10.0	23.0	0.8	3.0
132	28+00E	24.0	27.0	0.3	3.0
133	28+50E	10.0	36.0	0.3	3.0
134	29+00E	30.0	20.0	0.3	3.0
135	29+50E	20.0	32.0	0.1	3.0
136	30+00E	20.0	26.0	0.4	3.0
137	30+50E	20.0	25.0	0.5	3.0
138	30+67E (CR)	26.0	25.0	0.2	3.0
139	31+00E	10.0	14.0	0.0	3.0
140	31+50E	22.0	19.0	0.2	3.0
141	32+00E	26.0	20.0	0.1	3.0
142	32+50E	10.0	22.0	0.3	3.0
143	33+00E	10.0	26.0	0.0	3.0
144	33+50E	30.0	22.0	0.1	3.0
145	34+00E	10.0	19.0	0.5	3.0
146	34+50E L25N	10.0	18.0	0.6	3.0
147	35+00E L25N	10.0	21.0	0.1	3.0
148	35+50E	10.0	23.0	0.0	3.0
149	36+00E	10.0	34.0	0.1	3.0
150	36+50E	10.0	27.0	0.1	3.0
151	37+00E	30.0	33.0	0.8	3.0
152	37+50E	68.0	34.0	1.1	3.0
153	38+00E	42.0	14.0	0.4	3.0
154	38+50E	30.0	20.0	0.3	3.0
155	39+00E	10.0	18.0	0.6	3.0
156	39+50E	10.0	21.0	0.7	3.0
157	40+00E L25N	78.0	26.0	0.8	3.0
158	10+00E L26N	10.0	24.0	0.0	3.0
159	10+50E	10.0	20.0	0.0	3.0
160	11+50E L26N	10.0	19.0	0.0	3.0

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161	12+00E L26N	3.0	0.4	12.0	37.0	4.0
162	12+50E	3.0	0.6	16.0	32.0	9.0
163	13+00E	3.0	0.5	16.0	36.0	6.0
164	13+50E	3.0	0.6	12.0	32.0	13.0
165	14+00E	3.0	0.6	15.0	68.0	13.0
166	14+50E	3.0	0.5	31.0	145.0	7.0
167	15+00E	3.0	0.4	24.0	82.0	16.0
168	15+50E	3.0	0.7	42.0	135.0	23.0
169	16+00E	3.0	0.6	22.0	106.0	9.0
170	16+50E	3.0	0.5	37.0	118.0	10.0
171	17+00E	3.0	0.4	18.0	73.0	9.0
172	17+50E	3.0	0.4	24.0	68.0	16.0
173	18+00E	3.0	0.4	19.0	80.0	9.0
174	18+50E	3.0	0.6	18.0	87.0	13.0
175	19+00E	3.0	0.3	10.0	38.0	5.0
176	19+50E	3.0	0.6	42.0	82.0	40.0
177	20+00E	3.0	0.7	23.0	47.0	17.0
178	20+50E	3.0	0.6	18.0	31.0	10.0
179	21+00E	3.0	0.2	17.0	23.0	8.0
180	21+50E	3.0	0.6	32.0	40.0	9.0
181	22+00E	3.0	1.4	27.0	49.0	14.0
182	22+50E	3.0	0.7	30.0	47.0	15.0
183	23+00E	3.0	0.5	28.0	52.0	13.0
184	23+50E	3.0	1.4	32.0	102.0	14.0
185	24+00E	3.0	0.3	52.0	73.0	31.0
186	24+50E	3.0	0.5	52.0	75.0	16.0
187	25+00E	3.0	1.0	57.0	86.0	23.0
188	25+50E	3.0	1.0	34.0	227.0	19.0
189	26+00E	3.0	1.0	43.0	222.0	18.0
190	26+50E	3.0	1.0	132.0	208.0	26.0
191	27+00E	3.0	1.4	106.0	264.0	59.0
192	27+50E	3.0	0.6	26.0	105.0	30.0
193	28+00E	3.0	0.7	24.0	123.0	14.0
194	28+50E	3.0	0.7	29.0	74.0	28.0
195	29+00E	3.0	0.8	27.0	84.0	14.0
196	29+50E	3.0	0.6	44.0	200.0	21.0
197	30+00E L26N	3.0	0.5	61.0	143.0	30.0
198	20+00E L27N	3.0	0.4	33.0	67.0	30.0
199	20+50E	3.0	0.5	21.0	52.0	16.0
200	21+00E L27N	3.0	0.4	14.0	26.0	9.0

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To: GOLDEN DIVIDEND SYNDICATE LTD.
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Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
161	12+00E L26N	10.0	20.0	0.0	3.0
162	12+50E	10.0	22.0	0.0	3.0
163	13+00E	10.0	45.0	0.0	3.0
164	13+50E	10.0	19.0	0.0	3.0
165	14+00E	10.0	14.0	0.0	3.0
166	14+50E	48.0	20.0	0.1	3.0
167	15+00E	10.0	21.0	0.0	3.0
168	15+50E	10.0	34.0	0.0	3.0
169	16+00E	10.0	30.0	0.0	3.0
170	16+50E	10.0	23.0	0.1	3.0
171	17+00E	10.0	11.0	0.0	3.0
172	17+50E	10.0	21.0	0.0	3.0
173	18+00E	10.0	19.0	0.0	3.0
174	18+50E	10.0	17.0	0.0	3.0
175	19+00E	10.0	8.0	0.0	3.0
176	19+50E	10.0	14.0	0.1	3.0
177	20+00E	10.0	19.0	0.0	3.0
178	20+50E	10.0	16.0	0.0	3.0
179	21+00E	10.0	7.0	0.0	3.0
180	21+50E	10.0	31.0	0.1	3.0
181	22+00E	10.0	32.0	0.3	3.0
182	22+50E	10.0	15.0	0.1	3.0
183	23+00E	10.0	12.0	0.1	3.0
184	23+50E	10.0	27.0	0.4	3.0
185	24+00E	10.0	15.0	0.2	3.0
186	24+50E	22.0	13.0	0.1	3.0
187	25+00E	10.0	23.0	0.5	3.0
188	25+50E	10.0	31.0	2.2	3.0
189	26+00E	10.0	24.0	1.7	3.0
190	26+50E	10.0	31.0	1.5	3.0
191	27+00E	28.0	25.0	2.2	3.0
192	27+50E	10.0	28.0	0.2	3.0
193	28+00E	10.0	29.0	0.5	3.0
194	28+50E	20.0	29.0	0.1	3.0
195	29+00E	10.0	20.0	0.2	3.0
196	29+50E	22.0	18.0	0.2	3.0
197	30+00E L26N	10.0	22.0	0.6	3.0
198	20+00E L27N	10.0	16.0	0.1	3.0
199	20+50E	10.0	16.0	0.0	3.0
200	21+00E L27N	10.0	9.0	0.0	3.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To GOLDEN DIVIDEND SYNDICATE LTD.
BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2072

Date: NOV. 10, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
201	21+50E L27N	3.0	0.5	18.0	26.0	11.0
202	22+00E	3.0	0.6	29.0	64.0	13.0
203	22+50E	3.0	0.7	27.0	53.0	12.0
204	23+00E	3.0	1.3	79.0	60.0	29.0
205	23+50E	3.0	0.7	39.0	122.0	12.0
206	24+00E	3.0	0.8	50.0	139.0	16.0
207	24+50E	3.0	0.7	47.0	99.0	15.0
208	25+00E	3.0	0.5	60.0	82.0	30.0
209	25+50E	3.0	1.1	46.0	116.0	25.0
210	26+00E	3.0	1.3	36.0	184.0	18.0
211	26+50E	3.0	0.9	38.0	131.0	24.0
212	27+00E	3.0	1.0	40.0	133.0	31.0
213	27+50E	3.0	1.4	119.0	158.0	18.0
214	28+00E	3.0	0.6	45.0	82.0	25.0
215	28+50E	3.0	0.5	63.0	84.0	38.0
216	29+00E	3.0	0.6	21.0	76.0	20.0
217	29+50E	3.0	0.6	30.0	75.0	30.0
218	30+00E	3.0	0.6	47.0	92.0	69.0
219	30+50E	3.0	0.7	35.0	312.0	13.0
220	31+00E L27N	3.0	0.5	49.0	82.0	19.0
221	22+65N T/L 30E	3.0	0.6	47.0	72.0	57.0
222	JD 2006	3.0	0.7	50.0	96.0	82.0
223	JD 2008	3.0	0.8	42.0	131.0	53.0
224	JD 2009	3.0	0.7	35.0	100.0	88.0

IN AU COLUMN 3 INDICATES <5PPB

IN AG COLUMN 0 INDICATES <.1PPM

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2072

Date: NOV. 10, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
201	21+50E L27N	10.0	9.0	0.0	3.0
202	22+00E	10.0	22.0	0.3	3.0
203	22+50E	10.0	20.0	0.1	3.0
204	23+00E	44.0	28.0	0.4	3.0
205	23+50E	72.0	20.0	0.4	3.0
206	24+00E	24.0	18.0	0.7	3.0
207	24+50E	10.0	24.0	0.6	3.0
208	25+00E	26.0	16.0	0.1	3.0
209	25+50E	20.0	39.0	0.6	3.0
210	26+00E	10.0	43.0	1.4	3.0
211	26+50E	10.0	25.0	0.8	3.0
212	27+00E	10.0	26.0	0.9	3.0
213	27+50E	10.0	22.0	0.6	3.0
214	28+00E	10.0	26.0	0.4	3.0
215	28+50E	10.0	25.0	0.3	3.0
216	29+00E	10.0	23.0	0.3	3.0
217	29+50E	22.0	31.0	0.1	3.0
218	30+00E	30.0	22.0	0.0	3.0
219	30+50E	10.0	21.0	1.4	3.0
220	31+00E L27N	28.0	18.0	0.2	3.0
221	22+65N T/L 30E	20.0	16.0	0.0	3.0
222	JD 2006	32.0	24.0	0.5	3.0
223	JD 2008	10.0	18.0	0.1	3.0
224	JD 2009	24.0	29.0	0.1	3.0

IN AS COLUMN 10 INDICATES <220PPM

IN CD COLUMN 0 INDICATES <.1PPM

IN SN COLUMN 3 INDICATES <5PPM

SN PARTIAL EXTRACTION ONLY

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

** GEOCHEMICAL REPORT **

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2074

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
1	2005 JD	3.0	0.0	8.0	36.0	127.0
2	2007	3.0	0.0	24.0	33.0	21.0
3	2010	3.0	0.0	24.0	40.0	118.0
4	2011	3.0	0.0	10.0	39.0	71.0
5	2012	3.0	0.0	17.0	70.0	56.0
6	2013	3.0	0.0	18.0	42.0	5.0
7	2014	3.0	0.0	3.0	25.0	4.0
8	2015	3.0	4.0	462.0	27.0	27.0
9	2016	3.0	0.0	44.0	10.0	4.0
10	2017	3.0	4.3	2230.0	78.0	37.0
11	2018	3.0	0.0	28.0	37.0	5.0
12	2019	3.0	0.0	96.0	62.0	36.0
13	2020	10.0	20.0	4000.0	2950.0	1050.0
14	2021	20.0	20.0	4000.0	4000.0	1580.0
15	2022	3.0	1.0	615.0	65.0	39.0
16	2023	250.0	8.1	822.0	740.0	735.0
17	2024	3.0	1.4	491.0	386.0	118.0
18	2025	3.0	1.6	616.0	243.0	306.0
19	2026	3.0	20.0	4000.0	224.0	322.0
20	2027	3.0	0.6	298.0	66.0	229.0
21	2028	3.0	0.3	295.0	149.0	79.0
22	2029	3.0	8.2	4000.0	180.0	1080.0
23	2030	3.0	1.6	632.0	49.0	320.0
24	2031	3.0	12.4	4000.0	698.0	301.0
25	2032	3.0	20.0	4000.0	755.0	1890.0
26	2033	60.0	20.0	4000.0	4000.0	252.0
27	2034	3.0	2.4	1120.0	147.0	76.0
28	2035	3.0	0.3	241.0	74.0	8.0
29	2036	40.0	19.6	4000.0	649.0	110.0
30	2037	3.0	0.3	143.0	23.0	31.0
31	2038 JD	3.0	0.0	26.0	36.0	108.0
32	1001 JM	3.0	0.0	43.0	50.0	6.0
33	1002	3.0	0.0	17.0	34.0	2.0
34	1003	3.0	0.0	45.0	18.0	6.0
35	1004	3.0	0.0	29.0	17.0	10.0
36	1005 JM	3.0	0.0	27.0	54.0	15.0
37	2002 PC	3.0	0.0	18.0	17.0	9.0
38	2003	3.0	0.0	40.0	33.0	25.0
39	2004 PC	3.0	0.0	12.0	30.0	3.0
40	2001 RH	3.0	0.3	280.0	44.0	715.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

** GEOCHEMICAL REPORT**

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2074B

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
1	2005 JD	10.0	5.0	0.0	3.0
2	2007	10.0	1.0	0.3	3.0
3	2010	10.0	8.0	0.0	3.0
4	2011	10.0	9.0	0.0	3.0
5	2012	10.0	20.0	0.1	3.0
6	2013	10.0	4.0	0.1	3.0
7	2014	10.0	3.0	0.1	3.0
8	2015	82.0	2.0	0.2	3.0
9	2016	28.0	2.0	0.2	3.0
10	2017	540.0	6.0	4.2	3.0
11	2018	10.0	9.0	0.0	3.0
12	2019	68.0	6.0	0.5	3.0
13	2020	10.0	290.0	166.0	3.0
14	2021	10.0	139.0	490.0	3.0
15	2022	10.0	6.0	0.7	3.0
16	2023	70.0	0.0	5.4	3.0
17	2024	2400.0	18.0	5.8	3.0
18	2025	3900.0	2.0	5.1	3.0
19	2026	78.0	98.0	46.5	3.0
20	2027	204.0	19.0	0.0	3.0
21	2028	268.0	11.0	2.7	3.0
22	2029	228.0	129.0	11.1	3.0
23	2030	144.0	78.0	0.1	3.0
24	2031	20.0	23.0	27.6	3.0
25	2032	260.0	99.0	16.5	3.0
26	2033	10.0	154.0	526.0	3.0
27	2034	10.0	7.0	2.4	3.0
28	2035	10.0	7.0	2.1	3.0
29	2036	266.0	0.0	22.2	3.0
30	2037	10.0	5.0	0.0	3.0
31	2038 JD	4000.0	40.0	0.0	3.0
32	1001 JM	32.0	14.0	0.0	3.0
33	1002	20.0	11.0	0.0	3.0
34	1003	10.0	11.0	0.0	3.0
35	1004	10.0	5.0	0.0	3.0
36	1005 JM	10.0	8.0	0.0	3.0
37	2002 PC	10.0	4.0	0.0	3.0
38	2003	10.0	18.0	0.0	3.0
39	2004 PC	10.0	3.0	0.1	3.0
40	2001 RH	10.0	17.0	0.2	3.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2074

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
41	2002 RH	3.0	6.0	300.0	34.0	303.0
42	2003	3.0	0.0	16.0	58.0	34.0
43	2004 RH	3.0	0.1	565.0	68.0	7.0
44	20+50E L20N	3.0	0.2	69.0	63.0	15.0
45	20+75E	3.0	0.5	24.0	49.0	11.0
46	21+00E	3.0	0.8	70.0	102.0	14.0
47	21+25E	3.0	0.5	42.0	94.0	13.0
48	21+50E	3.0	0.6	91.0	91.0	17.0
49	21+75E	3.0	0.2	31.0	72.0	9.0
50	22+00E	3.0	0.6	121.0	106.0	21.0
51	22+40E	3.0	0.3	54.0	89.0	36.0
52	22+50E	3.0	0.2	53.0	133.0	13.0
53	22+60E	3.0	0.2	52.0	126.0	15.0
54	22+70E	3.0	0.6	84.0	184.0	30.0
55	22+80E	3.0	0.0	50.0	93.0	27.0
56	22+90E	3.0	0.3	70.0	130.0	20.0
57	23+00E	3.0	0.3	93.0	126.0	23.0
58	30+50E	3.0	0.2	64.0	112.0	62.0
59	31+00E	3.0	0.2	22.0	110.0	25.0
60	31+50E	3.0	0.1	45.0	62.0	10.0
61	32+00E	3.0	0.1	33.0	124.0	39.0
62	32+50E	3.0	0.0	22.0	109.0	79.0
63	33+00E	3.0	0.1	25.0	96.0	26.0
64	33+50E	3.0	0.6	58.0	75.0	108.0
65	34+00E	3.0	0.2	33.0	106.0	14.0
66	34+50E	3.0	0.5	90.0	132.0	98.0
67	35+00E	3.0	0.2	38.0	137.0	30.0
68	35+50E	3.0	0.1	44.0	178.0	24.0
69	36+00E	3.0	0.1	41.0	132.0	28.0
70	36+50E	3.0	0.1	42.0	128.0	21.0
71	37+00E	3.0	0.2	79.0	209.0	28.0
72	37+50E	3.0	0.1	72.0	153.0	26.0
73	38+00E	3.0	0.4	56.0	237.0	20.0
74	38+50E	3.0	0.3	79.0	150.0	34.0
75	39+00E L20N	3.0	0.1	56.0	133.0	17.0
76	30+50E L22N	3.0	0.3	25.0	75.0	24.0
77	31+00E	3.0	0.3	18.0	84.0	23.0
78	31+50E	3.0	0.1	25.0	150.0	30.0
79	32+00E	3.0	0.3	44.0	86.0	113.0
80	32+50E L22N	3.0	0.1	29.0	108.0	67.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2074B

Date: NOV. 17, 1988

Proj.:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
41	2002 RH	10.0	6.0	0.0	3.0
42	2003	10.0	18.0	0.0	3.0
43	2004 RH	126.0	101.0	2.0	3.0
44	20+50E L20N	10.0	8.0	0.0	3.0
45	20+75E	10.0	8.0	0.1	3.0
46	21+00E	24.0	12.0	0.1	3.0
47	21+25E	22.0	21.0	0.2	3.0
48	21+50E	58.0	24.0	0.0	3.0
49	21+75E	22.0	9.0	0.0	3.0
50	22+00E	50.0	16.0	0.0	3.0
51	22+40E	106.0	16.0	0.0	3.0
52	22+50E	76.0	19.0	0.2	3.0
53	22+60E	24.0	15.0	0.2	3.0
54	22+70E	92.0	39.0	0.6	3.0
55	22+80E	60.0	14.0	0.3	3.0
56	22+90E	32.0	20.0	0.4	3.0
57	23+00E	36.0	21.0	0.1	3.0
58	30+50E	24.0	17.0	0.4	3.0
59	31+00E	26.0	10.0	0.1	3.0
60	31+50E	10.0	5.0	0.3	3.0
61	32+00E	20.0	16.0	0.1	3.0
62	32+50E	10.0	18.0	0.0	3.0
63	33+00E	26.0	13.0	0.1	3.0
64	33+50E	162.0	23.0	0.4	3.0
65	34+00E	58.0	14.0	0.6	3.0
66	34+50E	110.0	20.0	1.8	3.0
67	35+00E	20.0	24.0	0.4	3.0
68	35+50E	20.0	23.0	1.0	3.0
69	36+00E	10.0	24.0	0.4	3.0
70	36+50E	10.0	24.0	0.3	3.0
71	37+00E	10.0	50.0	1.2	3.0
72	37+50E	10.0	29.0	1.0	3.0
73	38+00E	24.0	28.0	1.9	3.0
74	38+50E	26.0	31.0	1.0	3.0
75	39+00E L20N	10.0	27.0	0.4	3.0
76	30+50E L22N	10.0	23.0	0.1	3.0
77	31+00E	10.0	13.0	0.2	3.0
78	31+50E	10.0	10.0	0.2	3.0
79	32+00E	10.0	22.0	0.3	3.0
80	32+50E L22N	10.0	16.0	0.2	3.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2074

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
81	33+00E L22N	3.0	0.2	11.0	133.0	164.0
82	33+50E	3.0	0.3	29.0	106.0	23.0
83	34+00E	3.0	0.2	45.0	135.0	82.0
84	34+50E	3.0	0.9	50.0	143.0	123.0
85	35+00E	3.0	0.3	126.0	126.0	68.0
86	35+50E	3.0	0.3	53.0	118.0	48.0
87	36+00E	3.0	0.3	44.0	149.0	18.0
88	36+50E	3.0	0.2	44.0	118.0	32.0
89	37+00E	3.0	0.2	75.0	220.0	22.0
90	37+50E	3.0	0.2	102.0	185.0	25.0
91	38+00E	3.0	0.1	45.0	89.0	19.0
92	38+50E	3.0	0.2	44.0	119.0	32.0
93	39+00E	3.0	0.2	37.0	100.0	25.0
94	39+50E	3.0	0.1	29.0	92.0	30.0
95	40+00E L22N	3.0	0.2	92.0	102.0	47.0
96	15+50E L23N	3.0	0.0	16.0	42.0	24.0
97	16+00E	3.0	0.1	17.0	42.0	11.0
98	16+50E	3.0	0.1	16.0	43.0	9.0
99	17+00E	3.0	0.1	17.0	38.0	7.0
100	17+50E	3.0	0.0	22.0	50.0	5.0
101	18+00E	3.0	0.1	26.0	49.0	15.0
102	18+50E	3.0	0.1	21.0	46.0	10.0
103	19+00E	3.0	0.3	88.0	89.0	21.0
104	19+50E	3.0	0.2	27.0	92.0	14.0
105	30+50E	3.0	0.1	27.0	56.0	34.0
106	31+00E	3.0	0.1	42.0	60.0	42.0
107	31+50E	3.0	0.1	45.0	95.0	76.0
108	32+00E	3.0	0.2	37.0	88.0	33.0
109	32+50E	3.0	0.3	46.0	95.0	119.0
110	33+00E	3.0	0.2	26.0	94.0	172.0
111	33+50E	3.0	0.2	25.0	131.0	262.0
112	34+00E	3.0	0.5	28.0	154.0	202.0
113	34+50E	3.0	0.2	21.0	128.0	102.0
114	35+00E	3.0	0.2	47.0	118.0	93.0
115	35+50E	3.0	0.2	60.0	170.0	143.0
116	36+00E	3.0	0.2	40.0	116.0	120.0
117	36+50E	3.0	0.2	67.0	150.0	41.0
118	37+00E	3.0	0.6	99.0	111.0	79.0
119	37+50E	3.0	0.3	62.0	232.0	19.0
120	38+00E L23N	3.0	0.3	118.0	152.0	26.0

KAMLOOPS
RESEARCH & ASSAY
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2074B

Date: NOV. 17, 1988

Proj.:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
81	33+00E L22N	10.0	28.0	0.0	3.0
82	33+50E	10.0	14.0	0.2	3.0
83	34+00E	10.0	13.0	0.3	3.0
84	34+50E	64.0	22.0	0.1	3.0
85	35+00E	66.0	19.0	2.2	3.0
86	35+50E	32.0	23.0	0.0	3.0
87	36+00E	32.0	19.0	0.5	3.0
88	36+50E	30.0	25.0	0.2	3.0
89	37+00E	10.0	20.0	2.6	3.0
90	37+50E	64.0	17.0	1.2	3.0
91	38+00E	28.0	13.0	0.3	3.0
92	38+50E	26.0	14.0	0.3	3.0
93	39+00E	10.0	14.0	0.0	3.0
94	39+50E	10.0	14.0	0.0	3.0
95	40+00E L22N	64.0	18.0	0.0	3.0
96	15+50E L23N	10.0	9.0	0.0	3.0
97	16+00E	10.0	17.0	0.0	3.0
98	16+50E	10.0	16.0	0.0	3.0
99	17+00E	10.0	10.0	0.0	3.0
100	17+50E	10.0	13.0	0.0	3.0
101	18+00E	10.0	14.0	0.0	3.0
102	18+50E	10.0	16.0	0.0	3.0
103	19+00E	28.0	10.0	0.2	45.0
104	19+50E	10.0	8.0	0.4	3.0
105	30+50E	10.0	14.0	0.0	3.0
106	31+00E	26.0	11.0	0.0	3.0
107	31+50E	10.0	17.0	0.0	3.0
108	32+00E	28.0	21.0	0.0	3.0
109	32+50E	24.0	16.0	0.0	3.0
110	33+00E	10.0	25.0	0.0	3.0
111	33+50E	10.0	18.0	0.0	3.0
112	34+00E	10.0	26.0	0.3	3.0
113	34+50E	26.0	12.0	0.2	3.0
114	35+00E	22.0	16.0	0.1	3.0
115	35+50E	10.0	19.0	1.1	3.0
116	36+00E	20.0	15.0	0.3	3.0
117	36+50E	58.0	18.0	0.0	3.0
118	37+00E	174.0	26.0	0.3	3.0
119	37+50E	10.0	22.0	1.1	3.0
120	38+00E L23N	54.0	17.0	0.5	3.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2074

Date: NOV. 17, 1988

Proj.:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
121	38+50E L23N	3.0	0.2	45.0	123.0	30.0
122	39+00E	3.0	0.3	53.0	210.0	19.0
123	39+50E	3.0	0.4	40.0	107.0	30.0
124	40+00E L23N	3.0	0.4	99.0	114.0	60.0
125	0+00 L24N	3.0	0.2	19.0	54.0	11.0
126	0+50E	3.0	0.2	16.0	47.0	6.0
127	1+00E	3.0	0.1	15.0	41.0	12.0
128	1+50E	3.0	0.2	17.0	55.0	7.0
129	2+00E	3.0	0.1	18.0	42.0	6.0
130	2+50E	3.0	0.1	12.0	37.0	10.0
131	3+00E	3.0	0.1	14.0	44.0	9.0
132	3+50E	3.0	0.1	21.0	55.0	14.0
133	4+00E	3.0	0.1	13.0	34.0	10.0
134	4+50E	3.0	0.1	16.0	38.0	13.0
135	5+00E	3.0	0.1	15.0	53.0	11.0
136	5+50E	3.0	0.1	18.0	38.0	31.0
137	6+00E	3.0	0.2	24.0	85.0	18.0
138	6+50E	3.0	0.3	24.0	72.0	19.0
139	7+00E	3.0	0.6	32.0	189.0	25.0
140	7+50E	3.0	0.1	16.0	46.0	10.0
141	8+00E	3.0	0.0	19.0	44.0	12.0
142	8+50E	3.0	0.0	18.0	56.0	8.0
143	9+00E	3.0	0.1	19.0	53.0	23.0
144	9+50E L24N	3.0	0.1	24.0	78.0	23.0
145	0+00 L25N	3.0	0.0	25.0	54.0	8.0
146	0+50E	3.0	0.1	21.0	62.0	8.0
147	1+00E	3.0	0.1	16.0	49.0	9.0
148	1+50E	3.0	0.1	15.0	28.0	9.0
149	2+00E	3.0	0.1	14.0	27.0	8.0
150	2+50E	3.0	0.0	17.0	77.0	9.0
151	3+00E	3.0	0.2	14.0	42.0	9.0
152	3+50E	3.0	0.1	16.0	45.0	9.0
153	4+00E	3.0	0.1	14.0	31.0	11.0
154	4+50E	3.0	0.1	28.0	54.0	10.0
155	5+00E	3.0	0.1	15.0	42.0	12.0
156	5+50E	3.0	0.2	18.0	59.0	13.0
157	6+00E	3.0	0.1	63.0	65.0	13.0
158	6+50E	3.0	0.0	22.0	86.0	12.0
159	7+00E	3.0	0.0	22.0	92.0	7.0
160	7+50E L25N	3.0	0.0	17.0	52.0	15.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2074B

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
121	38+50E L23N	40.0	15.0	0.4	3.0
122	39+00E	10.0	26.0	1.2	3.0
123	39+50E	26.0	17.0	0.1	3.0
124	40+00E L23N	60.0	20.0	0.4	3.0
125	0+00 L24N	10.0	11.0	0.0	3.0
126	0+50E	10.0	12.0	0.0	3.0
127	1+00E	10.0	12.0	0.0	3.0
128	1+50E	10.0	11.0	0.0	3.0
129	2+00E	10.0	9.0	0.0	3.0
130	2+50E	10.0	9.0	0.0	3.0
131	3+00E	10.0	5.0	0.0	3.0
132	3+50E	10.0	10.0	0.0	3.0
133	4+00E	10.0	7.0	0.0	3.0
134	4+50E	10.0	7.0	0.0	3.0
135	5+00E	10.0	6.0	0.0	3.0
136	5+50E	10.0	15.0	0.0	3.0
137	6+00E	44.0	17.0	0.0	3.0
138	6+50E	20.0	17.0	0.0	3.0
139	7+00E	224.0	27.0	0.3	3.0
140	7+50E	20.0	9.0	0.0	3.0
141	8+00E	10.0	9.0	0.0	3.0
142	8+50E	10.0	9.0	0.0	3.0
143	9+00E	10.0	10.0	0.0	3.0
144	9+50E L24N	10.0	14.0	0.3	3.0
145	0+00 L25N	10.0	6.0	0.3	3.0
146	0+50E	10.0	11.0	0.1	3.0
147	1+00E	10.0	14.0	0.0	3.0
148	1+50E	10.0	7.0	0.0	3.0
149	2+00E	10.0	6.0	0.0	3.0
150	2+50E	10.0	11.0	0.0	3.0
151	3+00E	10.0	15.0	0.0	3.0
152	3+50E	10.0	10.0	0.0	3.0
153	4+00E	10.0	8.0	0.0	3.0
154	4+50E	10.0	10.0	0.0	3.0
155	5+00E	10.0	9.0	0.0	3.0
156	5+50E	10.0	16.0	0.0	3.0
157	6+00E	100.0	11.0	0.0	3.0
158	6+50E	26.0	13.0	0.0	3.0
159	7+00E	32.0	9.0	0.0	3.0
160	7+50E L25N	10.0	18.0	0.0	3.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2074

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
161	8+00E L25N	3.0	0.0	19.0	52.0	12.0
162	8+50E	3.0	0.0	20.0	95.0	12.0
163	9+00E	3.0	0.0	30.0	66.0	23.0
164	9+50E L25N	3.0	0.0	15.0	42.0	15.0
165	0+00E L26N	3.0	0.0	18.0	51.0	6.0
166	0+50E	3.0	0.0	22.0	68.0	20.0
167	1+00E	3.0	0.0	12.0	33.0	10.0
168	1+50E	3.0	0.0	20.0	27.0	9.0
169	2+00E	3.0	0.0	17.0	26.0	9.0
170	2+50E	3.0	0.0	18.0	18.0	6.0
171	3+00E	3.0	0.0	19.0	30.0	10.0
172	3+50E	3.0	0.0	16.0	34.0	9.0
173	4+00E	3.0	0.0	29.0	62.0	18.0
174	4+00E (SILT)	3.0	0.3	51.0	132.0	40.0
175	4+50E	3.0	0.1	27.0	74.0	20.0
176	5+00E	3.0	0.2	34.0	57.0	25.0
177	5+50E	3.0	0.0	21.0	53.0	11.0
178	6+00E	3.0	0.0	17.0	54.0	12.0
179	6+50E	3.0	0.1	37.0	64.0	17.0
180	7+00E	3.0	0.0	24.0	65.0	18.0
181	7+40E (SILT)	3.0	0.5	109.0	278.0	55.0
182	7+50E	3.0	0.0	25.0	58.0	14.0
183	8+00E	3.0	0.0	23.0	44.0	8.0
184	8+50E	3.0	0.0	26.0	52.0	12.0
185	9+00E	3.0	0.0	45.0	44.0	14.0
186	9+00E (SILT)	3.0	0.0	27.0	79.0	44.0
187	9+50E L26N	3.0	0.0	22.0	39.0	11.0
188	27+00N L26+50E	3.0	0.3	50.0	164.0	25.0
189	27+50N	3.0	0.3	51.0	151.0	23.0
190	28+00N	3.0	0.4	40.0	110.0	20.0
191	28+50N	3.0	0.4	55.0	86.0	25.0
192	29+00N	3.0	0.3	52.0	94.0	26.0
193	29+50N L26+50E	3.0	0.2	39.0	81.0	19.0
194	10+00E L27N	3.0	0.0	18.0	47.0	7.0
195	10+50E	3.0	0.0	20.0	28.0	7.0
196	11+00E	3.0	0.0	16.0	34.0	8.0
197	11+50E	3.0	0.0	16.0	29.0	7.0
198	12+00E	3.0	0.0	17.0	27.0	8.0
199	12+50E	3.0	0.0	11.0	27.0	8.0
200	13+00E L27N	3.0	0.0	20.0	22.0	15.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 20748

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
161	8+00E L25N	10.0	13.0	0.0	3.0
162	8+50E	10.0	14.0	0.0	3.0
163	9+00E	10.0	12.0	0.0	3.0
164	9+50E L25N	10.0	13.0	0.0	3.0
165	0+00E L26N	10.0	8.0	0.0	3.0
166	0+50E	10.0	19.0	0.0	3.0
167	1+00E	10.0	9.0	0.0	3.0
168	1+50E	10.0	8.0	0.0	3.0
169	2+00E	10.0	8.0	0.0	3.0
170	2+50E	10.0	4.0	0.0	3.0
171	3+00E	10.0	9.0	0.0	3.0
172	3+50E	10.0	12.0	0.0	3.0
173	4+00E	10.0	19.0	0.0	3.0
174	4+00E (SILT)	32.0	29.0	0.0	3.0
175	4+50E	10.0	19.0	0.0	3.0
176	5+00E	48.0	33.0	0.0	3.0
177	5+50E	10.0	15.0	0.0	3.0
178	6+00E	10.0	12.0	0.0	3.0
179	6+50E	84.0	13.0	0.5	3.0
180	7+00E	10.0	12.0	0.0	3.0
181	7+40E (SILT)	110.0	46.0	3.8	3.0
182	7+50E	10.0	17.0	0.0	3.0
183	8+00E	10.0	16.0	0.0	3.0
184	8+50E	10.0	17.0	0.0	3.0
185	9+00E	10.0	9.0	0.3	3.0
186	9+00E (SILT)	26.0	20.0	0.0	3.0
187	9+50E L26N	10.0	19.0	0.0	3.0
188	27+00E L26+50E	10.0	20.0	2.2	3.0
189	27+50E	10.0	18.0	1.3	3.0
190	28+00E	10.0	14.0	0.6	3.0
191	28+50E	30.0	16.0	0.4	3.0
192	29+00E	30.0	14.0	0.3	3.0
193	29+50E L26+50N	28.0	11.0	0.0	3.0
194	10+00E L27N	10.0	14.0	0.0	3.0
195	10+50E	10.0	15.0	0.0	3.0
196	11+00E	10.0	12.0	0.0	3.0
197	11+50E	10.0	14.0	0.0	3.0
198	12+00E	10.0	15.0	0.0	3.0
199	12+50E	10.0	15.0	0.0	3.0
200	13+00E L27N	10.0	17.0	0.0	3.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2074

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
201	13+50E L27N	3.0	0.0	15.0	26.0	16.0
202	14+00E	3.0	0.0	29.0	32.0	58.0
203	14+50E	3.0	0.0	18.0	54.0	17.0
204	15+00E	3.0	0.0	12.0	40.0	15.0
205	15+50E	3.0	0.0	19.0	63.0	8.0
206	16+00E	3.0	0.0	29.0	91.0	17.0
207	16+50E	3.0	0.0	21.0	68.0	12.0
208	17+00E	3.0	0.0	21.0	58.0	14.0
209	17+50E	3.0	0.0	29.0	87.0	21.0
210	18+00E	3.0	0.2	29.0	72.0	33.0
211	18+50E	3.0	0.2	21.0	72.0	11.0
212	19+00E	3.0	0.0	22.0	99.0	11.0
213	19+50E	3.0	0.0	20.0	79.0	14.0
214	20+00E (SILT)	3.0	0.0	30.0	71.0	41.0
215	31+50E	3.0	0.0	19.0	80.0	54.0
216	32+00E	3.0	0.0	16.0	84.0	32.0
217	32+50E	3.0	0.0	28.0	118.0	74.0
218	33+00E	3.0	0.2	30.0	75.0	74.0
219	33+50E	3.0	0.1	18.0	74.0	87.0
220	34+00E	3.0	0.1	25.0	57.0	49.0
221	34+50E	3.0	0.0	23.0	54.0	71.0
222	34+60E (SILT)	3.0	0.3	69.0	114.0	148.0
223	35+00E	3.0	0.1	40.0	85.0	158.0
224	35+50E	3.0	0.1	23.0	80.0	60.0
225	36+00E	3.0	0.1	23.0	51.0	34.0
226	36+50E	3.0	0.1	32.0	122.0	136.0
227	37+00E	3.0	0.5	81.0	134.0	510.0
228	37+50E	3.0	0.3	37.0	135.0	237.0
229	38+00E	3.0	0.1	58.0	95.0	62.0
230	38+50E L27N	3.0	0.1	67.0	72.0	41.0
231	20+00E L30N	3.0	0.0	18.0	50.0	32.0
232	20+50E	3.0	0.0	22.0	36.0	21.0
233	21+00E	3.0	0.0	21.0	38.0	26.0
234	21+24E	3.0	0.2	29.0	48.0	39.0
235	21+50E	3.0	0.1	39.0	67.0	31.0
236	22+00E	3.0	0.3	24.0	46.0	19.0
237	22+50E	3.0	0.3	34.0	62.0	12.0
238	23+00E	3.0	0.4	38.0	61.0	25.0
239	23+50E	3.0	0.6	38.0	66.0	11.0
240	24+00E L30N	3.0	0.9	45.0	47.0	18.0

KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 20748

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
201	13+50E L27N	10.0	17.0	0.0	3.0
202	14+00E	122.0	35.0	0.0	3.0
203	14+50E	10.0	22.0	0.0	3.0
204	15+00E	10.0	10.0	0.0	3.0
205	15+50E	10.0	23.0	0.0	3.0
206	16+00E	10.0	25.0	0.0	3.0
207	16+50E	10.0	22.0	0.0	3.0
208	17+00E	10.0	15.0	0.0	3.0
209	17+50E	10.0	19.0	0.0	3.0
210	18+00E	10.0	26.0	0.0	3.0
211	18+50E	10.0	21.0	0.0	3.0
212	19+00E	10.0	13.0	0.0	3.0
213	19+50E	10.0	11.0	0.3	3.0
214	20+00E (SILT)	10.0	29.0	0.0	3.0
215	31+50E	10.0	16.0	0.0	3.0
216	32+00E	10.0	7.0	0.0	3.0
217	32+50E	10.0	18.0	0.0	3.0
218	33+00E	10.0	16.0	0.0	3.0
219	33+50E	10.0	16.0	0.0	3.0
220	34+00E	10.0	19.0	0.0	3.0
221	34+50E	10.0	16.0	0.0	3.0
222	34+60E (SILT)	44.0	34.0	0.4	25.0
223	35+00E	10.0	16.0	0.0	3.0
224	35+50E	10.0	17.0	0.0	3.0
225	36+00E	20.0	19.0	0.0	3.0
226	36+50E	10.0	21.0	0.2	3.0
227	37+00E	36.0	37.0	0.1	3.0
228	37+50E	32.0	28.0	0.1	3.0
229	38+00E	60.0	27.0	0.0	3.0
230	38+50E L27N	48.0	19.0	0.0	3.0
231	20+00E L30N	10.0	23.0	0.0	3.0
232	20+50E	10.0	15.0	0.0	3.0
233	21+00E	10.0	13.0	0.0	3.0
234	21+24E	24.0	11.0	0.0	3.0
235	21+50E	22.0	12.0	0.0	3.0
236	22+00E	22.0	18.0	0.0	3.0
237	22+50E	34.0	13.0	0.0	3.0
238	23+00E	10.0	13.0	0.0	3.0
239	23+50E	10.0	17.0	0.0	3.0
240	24+00E L30N	10.0	19.0	0.0	3.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2074

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
241	24+50E L30N	3.0	0.5	40.0	44.0	11.0
242	25+00E	3.0	0.3	44.0	45.0	11.0
243	25+50E	3.0	0.2	47.0	58.0	16.0
244	26+00E	3.0	0.1	41.0	48.0	19.0
245	26+50E L30N	3.0	0.5	47.0	73.0	11.0
246	20+00E L31N	3.0	0.2	21.0	48.0	13.0
247	20+50E	3.0	0.1	20.0	42.0	20.0
248	21+00E	3.0	0.1	18.0	39.0	26.0
249	21+50E	3.0	0.2	26.0	62.0	28.0
250	21+68E	3.0	0.0	24.0	46.0	21.0
251	22+00E	3.0	0.1	45.0	45.0	27.0
252	22+50E	3.0	0.2	39.0	37.0	48.0
253	23+00E	3.0	0.0	29.0	34.0	32.0
254	23+50E	3.0	0.2	30.0	21.0	12.0
255	24+00E	3.0	0.3	51.0	37.0	43.0
256	24+50E	3.0	0.3	50.0	36.0	25.0
257	25+00E	3.0	0.4	54.0	45.0	32.0
258	25+50E	3.0	0.4	30.0	29.0	17.0
259	26+00E	3.0	0.5	29.0	34.0	8.0
260	26+50E	3.0	0.2	30.0	46.0	13.0
261	27+00E	3.0	0.4	152.0	66.0	18.0
262	27+50E	3.0	0.5	72.0	53.0	18.0
263	28+00E	3.0	0.2	26.0	57.0	29.0
264	28+50E	3.0	0.7	39.0	63.0	10.0
265	29+00E	3.0	0.9	26.0	41.0	11.0
266	29+50E	3.0	0.3	34.0	42.0	26.0
267	30+00E	3.0	0.3	23.0	45.0	22.0
268	30+50E	3.0	0.3	17.0	34.0	29.0
269	31+00E	3.0	0.2	17.0	33.0	14.0
270	31+50E	3.0	0.2	21.0	43.0	13.0
271	32+00E	3.0	0.2	13.0	24.0	9.0
272	32+50E	3.0	0.3	15.0	60.0	14.0
273	33+00E	3.0	0.5	15.0	52.0	17.0
274	33+50E	3.0	0.0	39.0	79.0	48.0
275	34+00E	3.0	0.0	21.0	65.0	19.0
276	34+50E	3.0	0.0	20.0	68.0	18.0
277	35+00E	3.0	0.0	21.0	59.0	21.0
278	35+50E	3.0	0.0	20.0	82.0	25.0
279	36+00E	3.0	0.0	27.0	61.0	23.0
280	36+50E L31N	3.0	0.0	26.0	60.0	11.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2074B

Date: NOV. 17, 1988

Proj.:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
241	25+00E L30N	22.0	8.0	0.0	3.0
242	25+00E	22.0	11.0	0.0	3.0
243	25+50E	20.0	12.0	0.0	3.0
244	26+00E	22.0	9.0	0.0	3.0
245	26+50E L30N	30.0	11.0	0.3	3.0
246	20+00E L31N	10.0	15.0	0.0	3.0
247	20+50E	10.0	19.0	0.0	3.0
248	21+00E	10.0	16.0	0.0	3.0
249	21+50E	24.0	17.0	0.0	3.0
250	21+68E	10.0	12.0	0.0	3.0
251	22+00E	20.0	12.0	0.0	3.0
252	22+50E	36.0	9.0	0.0	3.0
253	23+00E	34.0	10.0	0.0	3.0
254	23+50E	24.0	5.0	0.0	3.0
255	24+00E	32.0	14.0	0.0	3.0
256	24+50E	52.0	11.0	0.0	3.0
257	25+00E	42.0	9.0	0.0	3.0
258	25+50E	22.0	7.0	0.0	3.0
259	26+00E	22.0	4.0	0.0	3.0
260	26+50E	30.0	8.0	0.0	3.0
261	27+00E	22.0	10.0	0.0	3.0
262	27+50E	20.0	6.0	0.0	3.0
263	28+00E	24.0	11.0	0.0	3.0
264	28+50E	10.0	6.0	0.0	3.0
265	29+00E	10.0	5.0	0.0	3.0
266	29+50E	30.0	11.0	0.0	3.0
267	30+00E	34.0	7.0	0.0	3.0
268	30+50E	10.0	10.0	0.0	3.0
269	31+00E	10.0	9.0	0.0	3.0
270	31+50E	20.0	8.0	0.0	3.0
271	32+00E	10.0	4.0	0.0	3.0
272	32+50E	10.0	6.0	0.0	3.0
273	33+00E	10.0	6.0	0.0	3.0
274	33+50E	10.0	12.0	0.0	3.0
275	34+00E	10.0	9.0	0.0	3.0
276	34+50E	10.0	14.0	0.0	3.0
277	35+00E	10.0	9.0	0.0	3.0
278	35+50E	10.0	18.0	0.0	3.0
279	36+00E	10.0	11.0	0.0	3.0
280	36+50E L31N	10.0	7.0	0.0	3.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2074

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
281	37+00E L31N	3.0	0.2	27.0	59.0	20.0
282	37+50E	20.0	0.0	30.0	67.0	20.0
283	38+00E	3.0	0.0	31.0	63.0	17.0
284	38+50E	10.0	0.0	26.0	75.0	21.0
285	39+00E	3.0	0.0	20.0	60.0	19.0
286	39+50E	3.0	0.0	29.0	69.0	34.0
287	40+00E L31N	3.0	0.0	52.0	38.0	31.0
288	21+50E L33N	3.0	0.0	18.0	32.0	23.0
289	22+00E	3.0	0.0	19.0	39.0	26.0
290	22+28E	3.0	0.0	37.0	39.0	18.0
291	22+50E	3.0	0.0	34.0	38.0	19.0
292	23+00E	3.0	0.0	19.0	36.0	31.0
293	23+50E	3.0	0.0	34.0	43.0	9.0
294	23+85E	3.0	0.0	36.0	53.0	8.0
295	24+00E	3.0	0.0	36.0	43.0	17.0
296	24+50E	3.0	0.0	34.0	42.0	9.0
297	25+00E	3.0	0.0	72.0	41.0	9.0
298	25+50E	3.0	0.0	91.0	179.0	8.0
299	26+00E	3.0	0.4	94.0	151.0	7.0
300	26+50E	3.0	0.1	34.0	50.0	7.0
301	27+00E	3.0	0.1	44.0	46.0	16.0
302	27+50E	3.0	0.0	28.0	43.0	15.0
303	28+00E	3.0	0.0	38.0	42.0	17.0
304	28+50E	3.0	0.0	54.0	74.0	16.0
305	29+00E	3.0	0.1	83.0	56.0	45.0
306	29+50E	3.0	0.2	39.0	61.0	36.0
307	30+00E L33N	3.0	0.0	83.0	67.0	34.0
308	20+00E L35N	3.0	0.0	20.0	43.0	20.0
309	20+50E	3.0	0.0	38.0	41.0	37.0
310	21+00E	3.0	0.0	20.0	46.0	17.0
311	21+50E	3.0	0.2	13.0	33.0	12.0
312	22+00E	3.0	0.2	17.0	31.0	15.0
313	22+20E	3.0	0.1	21.0	42.0	22.0
314	22+50E	3.0	0.1	42.0	42.0	27.0
315	22+75E	3.0	0.2	38.0	46.0	21.0
316	23+00E	3.0	0.0	31.0	50.0	14.0
317	23+50E	3.0	0.0	20.0	42.0	9.0
318	24+00E	3.0	0.0	22.0	35.0	9.0
319	24+50E	3.0	0.1	48.0	50.0	13.0
320	25+00E L35N	3.0	0.1	54.0	41.0	13.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 20748

Date: NOV. 17, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
281	37+00E L31N	10.0	6.0	0.0	3.0
282	37+50E	10.0	9.0	0.0	3.0
283	38+00E	10.0	7.0	0.0	3.0
284	38+50E	10.0	13.0	0.0	3.0
285	39+00E	10.0	7.0	0.0	3.0
286	39+50E	10.0	10.0	0.0	3.0
287	40+00E L31N	10.0	6.0	0.0	3.0
288	21+50E L33N	10.0	12.0	0.0	3.0
289	22+00E	10.0	13.0	0.0	3.0
290	22+28E	10.0	10.0	0.0	3.0
291	22+50E	30.0	11.0	0.0	3.0
292	23+00E	38.0	14.0	0.0	3.0
293	23+50E	28.0	10.0	0.0	3.0
294	23+85E	20.0	9.0	0.1	3.0
295	24+00E	168.0	20.0	0.2	3.0
296	24+50E	22.0	8.0	0.0	3.0
297	25+00E	68.0	8.0	0.0	3.0
298	25+50E	42.0	12.0	1.1	3.0
299	26+00E	10.0	9.0	1.5	3.0
300	26+50E	10.0	9.0	0.2	3.0
301	27+00E	50.0	13.0	0.0	3.0
302	27+50E	20.0	8.0	0.0	3.0
303	28+00E	32.0	13.0	0.0	3.0
304	28+50E	20.0	12.0	0.6	3.0
305	29+00E	20.0	13.0	0.0	3.0
306	29+50E	32.0	11.0	0.0	3.0
307	30+00E L33N	100.0	10.0	0.0	3.0
308	20+00E L35N	10.0	10.0	0.0	3.0
309	20+50E	10.0	15.0	0.0	3.0
310	21+00E	26.0	11.0	0.0	3.0
311	21+50E	10.0	10.0	0.0	3.0
312	22+00E	10.0	11.0	0.0	3.0
313	22+20E	10.0	12.0	0.0	3.0
314	22+50E	36.0	10.0	0.0	3.0
315	22+75E	36.0	10.0	0.0	3.0
316	23+00E	24.0	9.0	0.3	3.0
317	23+50E	10.0	9.0	0.0	3.0
318	24+00E	10.0	6.0	0.0	3.0
319	24+50E	30.0	9.0	0.0	3.0
320	25+00E L35N	26.0	5.0	0.0	3.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2074

Date: NOV. 17, 1988

Proj.:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
321	25+50N L35N	3.0	0.4	48.0	65.0	17.0
322	26+00E	3.0	0.4	76.0	75.0	15.0
323	26+50E	3.0	0.3	34.0	45.0	13.0
324	27+00E	3.0	0.0	38.0	53.0	16.0
325	27+50E	3.0	0.0	24.0	55.0	28.0
326	28+00E	3.0	0.0	20.0	52.0	13.0
327	28+50E	3.0	0.0	20.0	41.0	12.0
328	29+00E	3.0	0.0	18.0	37.0	12.0
329	29+50E	3.0	0.0	24.0	58.0	16.0
330	30+00E	3.0	0.0	17.0	51.0	13.0
331	30+50E	3.0	0.0	25.0	49.0	22.0
332	31+00E	3.0	0.0	23.0	60.0	30.0
333	31+50E	3.0	0.0	28.0	53.0	23.0
334	32+00E	3.0	0.0	23.0	44.0	20.0
335	32+50E	3.0	0.0	40.0	64.0	38.0
336	32+82E I	3.0	0.1	37.0	63.0	59.0
337	33+00E	3.0	0.1	29.0	63.0	137.0
338	33+50E	3.0	0.1	51.0	84.0	53.0
339	34+00E	3.0	0.8	50.0	72.0	63.0
340	34+50E	3.0	0.1	31.0	57.0	41.0
341	35+00E L35N	3.0	0.3	35.0	36.0	18.0
342	A	3.0	0.1	43.0	68.0	30.0
343	B	3.0	0.0	36.0	102.0	163.0

IN AU COLUMN 3 INDICATES <5PPB

IN AG COLUMN 0 INDICATES <.1PPM

IN AG COLUMN 20 INDICATES >20PPM

IN PB COLUMN 4000 INDICATES >4000PPM

IN ZN COLUMN 4000 INDICATES >4000PPM

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2074B

Date: NOV. 17, 1988

Proj.:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
321	25+50E L35N	10.0	11.0	0.1	3.0
322	26+00E	30.0	9.0	0.1	3.0
323	26+50E	10.0	8.0	0.0	3.0
324	27+00E	10.0	14.0	0.0	3.0
325	27+50E	20.0	13.0	0.0	3.0
326	28+00E	22.0	9.0	0.0	3.0
327	28+50E	10.0	11.0	0.0	3.0
328	29+00E	10.0	8.0	0.0	3.0
329	29+50E	10.0	12.0	0.0	3.0
330	30+00E	10.0	9.0	0.0	3.0
331	30+50E	10.0	11.0	0.0	3.0
332	31+00E	24.0	12.0	0.0	3.0
333	31+50E	26.0	10.0	0.0	3.0
334	32+00E	20.0	10.0	0.0	3.0
335	32+50E	26.0	18.0	0.0	3.0
336	32+82E I	28.0	14.0	0.0	3.0
337	33+00E	10.0	16.0	0.0	3.0
338	33+50E	26.0	20.0	0.0	3.0
339	34+00E	26.0	15.0	0.0	3.0
340	34+50E	10.0	8.0	0.0	3.0
341	35+00E L35N	24.0	7.0	0.0	3.0
342	A	24.0	15.0	0.0	3.0
343	B	10.0	22.0	0.0	3.0

IN AS COLUMN 10 INDICATES <20PPM

IN AS COLUMN 4000 INDICATES >4000PPM

IN NI COLUMN 0 INDICATES <1PPM

IN CD COLUMN 0 INDICATES <.1PPM

IN SN COLUMN 3 INDICATES <5PPM

SN PARTIAL EXTRACTION ONLY

KAMLOOPS
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LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

** GEOCHEMICAL REPORT**

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2076

Date: NOV. 24, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
1	30+00E L16N	3.0	0.0	7.0	33.0	8.0
2	30+50E	3.0	0.0	7.0	63.0	35.0
3	31+00E	3.0	0.0	12.0	88.0	31.0
4	31+50E	3.0	0.0	9.0	71.0	29.0
5	32+00E	3.0	0.0	12.0	63.0	20.0
6	33+00E	3.0	0.0	10.0	52.0	8.0
7	33+50E	3.0	0.0	11.0	71.0	17.0
8	34+00E	3.0	0.0	18.0	62.0	13.0
9	34+50E	3.0	0.0	12.0	75.0	8.0
10	35+00E	3.0	0.0	12.0	71.0	10.0
11	35+50E	3.0	0.0	11.0	50.0	8.0
12	36+00E	3.0	0.0	23.0	51.0	14.0
13	36+50E	3.0	0.0	26.0	59.0	19.0
14	37+00E	3.0	0.0	11.0	38.0	10.0
15	37+50E	3.0	0.0	22.0	67.0	20.0
16	38+00E	3.0	0.0	24.0	152.0	21.0
17	38+50E	3.0	0.0	27.0	133.0	23.0
18	39+00E	3.0	0.0	36.0	102.0	49.0
19	39+50E	3.0	0.0	87.0	161.0	52.0
20	40+00E L16N	3.0	0.0	30.0	162.0	28.0
21	30+00E L17N	3.0	0.0	12.0	64.0	121.0
22	30+50E	2.0	0.0	21.0	126.0	79.0
23	31+50E	3.0	0.0	17.0	82.0	41.0
24	32+00E	3.0	0.0	12.0	51.0	26.0
25	32+50E	3.0	0.0	19.0	74.0	80.0
26	33+00E	3.0	0.0	24.0	75.0	25.0
27	33+50E	3.0	0.0	16.0	62.0	21.0
28	34+00E	3.0	0.0	24.0	91.0	12.0
29	34+50E	3.0	0.0	14.0	49.0	18.0
30	35+00E	3.0	0.0	20.0	70.0	24.0
31	35+50E	3.0	0.0	18.0	72.0	20.0
32	36+00E	3.0	0.0	36.0	90.0	30.0
33	36+50E	3.0	0.0	34.0	134.0	39.0
34	37+00E	3.0	0.0	21.0	76.0	15.0
35	37+50E	3.0	0.0	24.0	92.0	50.0
36	38+00E	3.0	0.0	29.0	118.0	26.0
37	38+50E	3.0	0.0	37.0	122.0	32.0
38	39+00E	3.0	0.0	24.0	66.0	46.0
39	39+50E L17N	3.0	0.2	42.0	145.0	49.0
40	30+00E L18N	3.0	0.2	15.0	90.0	50.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

** GEOCHEMICAL REPORT**

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2076

Date: NOV. 24, 1988

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KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
1	30+00E L16N	10.0	6.0	0.0	3.0
2	30+50E	10.0	11.0	0.0	3.0
3	31+00E	10.0	14.0	0.0	3.0
4	31+50E	10.0	14.0	0.0	3.0
5	32+00E	10.0	10.0	0.0	3.0
6	33+00E	10.0	9.0	0.0	3.0
7	33+50E	10.0	13.0	0.0	3.0
8	34+00E	10.0	11.0	0.0	3.0
9	34+50E	10.0	10.0	0.0	3.0
10	35+00E	10.0	13.0	0.0	3.0
11	35+50E	10.0	7.0	0.0	3.0
12	36+00E	10.0	9.0	0.0	3.0
13	36+50E	10.0	16.0	0.0	3.0
14	37+00E	10.0	6.0	0.0	3.0
15	37+50E	10.0	12.0	0.0	3.0
16	38+00E	10.0	19.0	0.4	3.0
17	38+50E	10.0	25.0	0.2	3.0
18	39+00E	26.0	29.0	0.1	3.0
19	39+50E	22.0	19.0	0.4	3.0
20	40+00E L16N	22.0	20.0	0.2	3.0
21	30+00E L17N	10.0	16.0	0.2	3.0
22	30+50E	10.0	11.0	0.0	3.0
23	31+50E	10.0	15.0	0.0	3.0
24	32+00E	10.0	11.0	0.0	3.0
25	32+50E	10.0	17.0	0.0	3.0
26	33+00E	10.0	11.0	0.0	3.0
27	33+50E	10.0	9.0	0.0	3.0
28	34+00E	10.0	11.0	0.0	3.0
29	34+50E	10.0	9.0	0.0	3.0
30	35+00E	10.0	17.0	0.0	3.0
31	35+50E	10.0	12.0	0.0	3.0
32	36+00E	24.0	17.0	0.2	3.0
33	36+50E	20.0	29.0	0.1	3.0
34	37+00E	10.0	14.0	0.0	3.0
35	37+50E	10.0	21.0	0.0	3.0
36	38+00E	10.0	15.0	0.0	3.0
37	38+50E	10.0	16.0	0.3	3.0
38	39+00E	10.0	18.0	0.0	3.0
39	39+50E L17N	10.0	20.0	0.9	3.0
40	30+00E L18N	10.0	16.0	0.0	3.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2076

Date: NOV. 24, 1988

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KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
41	30+50E L18N	3.0	0.0	11.0	63.0	36.0
42	31+00E	3.0	0.1	9.0	59.0	25.0
43	31+50E	3.0	0.1	13.0	110.0	26.0
44	32+00E	3.0	0.0	12.0	61.0	19.0
45	32+50E	3.0	0.3	13.0	80.0	13.0
46	33+00E	3.0	0.1	15.0	113.0	17.0
47	33+50E	3.0	0.1	20.0	152.0	11.0
48	34+00E	3.0	0.1	35.0	149.0	26.0
49	34+50E	3.0	0.0	22.0	124.0	12.0
50	35+00E	3.0	0.0	28.0	91.0	6.0
51	35+50E	3.0	0.0	24.0	132.0	11.0
52	36+00E	3.0	0.0	28.0	124.0	23.0
53	36+50E	3.0	0.0	25.0	129.0	12.0
54	37+00E	3.0	0.0	24.0	108.0	22.0
55	37+50E	3.0	0.0	25.0	86.0	26.0
56	38+00E	3.0	0.0	29.0	344.0	31.0
57	38+50E	3.0	0.0	46.0	165.0	21.0
58	39+00E	3.0	0.2	44.0	139.0	31.0
59	39+50E	3.0	0.5	258.0	120.0	103.0
60	40+00E L18N	3.0	0.2	41.0	73.0	35.0
61	30+00E L19N	3.0	0.1	44.0	108.0	58.0
62	30+50E	3.0	0.1	42.0	109.0	100.0
63	31+00E	3.0	0.0	22.0	105.0	10.0
64	31+50E	3.0	0.0	13.0	54.0	23.0
65	32+00E	3.0	0.0	32.0	94.0	13.0
66	32+50E	3.0	0.0	19.0	114.0	22.0
67	33+00E	3.0	0.0	36.0	76.0	39.0
68	33+50E	3.0	0.0	19.0	69.0	31.0
69	34+00E	3.0	0.2	55.0	111.0	83.0
70	34+50E	3.0	0.0	25.0	129.0	16.0
71	35+00E	3.0	0.1	69.0	141.0	50.0
72	35+50E	3.0	0.2	61.0	147.0	56.0
73	36+00E	3.0	0.1	71.0	169.0	32.0
74	36+50E	3.0	0.0	43.0	214.0	29.0
75	37+00E	3.0	0.0	39.0	126.0	28.0
76	37+50E	3.0	0.0	36.0	141.0	26.0
77	38+50E	3.0	0.2	25.0	165.0	20.0
78	39+00E	3.0	0.4	39.0	184.0	31.0
79	39+50E	3.0	0.2	51.0	105.0	61.0
80	40+00E L19N	3.0	0.1	44.0	101.0	39.0

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

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* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2076

Date: NOV. 24, 1988

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KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
41	30+50E L18N	10.0	13.0	0.0	3.0
42	31+00E	10.0	10.0	0.0	3.0
43	31+50E	10.0	12.0	0.0	3.0
44	32+00E	10.0	11.0	0.0	3.0
45	32+50E	10.0	11.0	0.0	3.0
46	33+00E	10.0	13.0	0.0	3.0
47	33+50E	24.0	14.0	0.0	3.0
48	34+00E	20.0	15.0	0.2	3.0
49	34+50E	10.0	12.0	0.0	3.0
50	35+00E	10.0	9.0	0.0	3.0
51	35+50E	10.0	15.0	0.0	3.0
52	36+00E	20.0	22.0	0.0	3.0
53	36+50E	10.0	13.0	0.0	3.0
54	37+00E	24.0	19.0	0.0	3.0
55	37+50E	22.0	15.0	0.0	3.0
56	38+00E	10.0	16.0	2.1	3.0
57	38+50E	10.0	26.0	0.5	3.0
58	39+00E	10.0	29.0	0.6	3.0
59	39+50E	24.0	22.0	0.6	3.0
60	40+00E L18N	10.0	36.0	0.6	3.0
61	30+00E L19N	22.0	16.0	0.3	3.0
62	30+50E	20.0	21.0	0.3	3.0
63	31+00E	10.0	11.0	0.0	3.0
64	31+50E	10.0	6.0	0.0	3.0
65	32+00E	10.0	10.0	0.0	3.0
66	32+50E	10.0	17.0	0.0	3.0
67	33+00E	76.0	18.0	0.0	3.0
68	33+50E	10.0	12.0	0.0	3.0
69	34+00E	66.0	21.0	0.3	3.0
70	34+50E	10.0	22.0	0.0	3.0
71	35+00E	36.0	32.0	0.5	3.0
72	35+50E	48.0	44.0	0.5	3.0
73	36+00E	22.0	27.0	0.4	3.0
74	36+50E	20.0	28.0	2.1	3.0
75	37+00E	10.0	25.0	0.4	3.0
76	37+50E	10.0	23.0	0.3	3.0
77	38+50E	10.0	21.0	0.6	3.0
78	39+00E	10.0	29.0	1.3	3.0
79	39+50E	24.0	26.0	0.3	3.0
80	40+00E L19N	10.0	15.0	0.3	3.0

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81	20+00E L20+50N	3.0	0.1	9.0	57.0	9.0
82	20+10E	3.0	0.0	1.0	30.0	4.0
83	20+20E	3.0	0.0	2.0	41.0	4.0
84	20+30E	3.0	0.0	2.0	35.0	4.0
85	20+40E	3.0	0.0	9.0	61.0	9.0
86	20+50E	3.0	0.0	16.0	71.0	15.0
87	20+60E	3.0	0.3	9.0	63.0	12.0
88	20+70E	3.0	0.0	14.0	64.0	11.0
89	20+80E	3.0	0.2	44.0	71.0	6.0
90	20+90E	3.0	0.4	76.0	93.0	8.0
91	21+00E	3.0	0.4	82.0	95.0	14.0
92	21+10E	3.0	0.3	54.0	102.0	13.0
93	21+20E	3.0	0.0	46.0	103.0	4.0
94	21+30E	3.0	0.7	51.0	121.0	15.0
95	21+40E	3.0	0.3	54.0	112.0	9.0
96	21+50E	3.0	0.3	59.0	152.0	8.0
97	21+60E	3.0	0.2	63.0	117.0	10.0
98	21+70E	3.0	0.1	62.0	120.0	4.0
99	21+80E	3.0	0.1	46.0	73.0	7.0
100	21+90E	3.0	0.5	44.0	132.0	8.0
101	22+00E	3.0	0.2	88.0	136.0	11.0
102	22+10E	3.0	0.1	41.0	120.0	6.0
103	22+20E	3.0	0.4	75.0	113.0	15.0
104	22+30E	3.0	0.3	72.0	134.0	12.0
105	22+40E	3.0	0.1	305.0	306.0	23.0
106	22+50E	3.0	0.3	50.0	156.0	13.0
107	22+60E	3.0	0.1	64.0	176.0	13.0
108	22+70E	3.0	0.2	62.0	211.0	4.0
109	22+80E	3.0	0.1	47.0	158.0	7.0
110	22+90E	3.0	0.0	23.0	72.0	13.0
111	23+00E	3.0	0.7	79.0	191.0	16.0
112	23+10E	3.0	0.3	42.0	190.0	9.0
113	23+20E	3.0	0.3	29.0	200.0	11.0
114	23+30E	3.0	0.2	172.0	229.0	61.0
115	23+40E	3.0	0.5	18.0	150.0	9.0
116	23+50E	3.0	0.5	30.0	166.0	8.0
117	23+60E	3.0	0.4	36.0	149.0	9.0
118	23+70E	3.0	0.3	39.0	174.0	5.0
119	23+80E	3.0	0.2	30.0	161.0	10.0
120	23+90E L20+50N	3.0	0.1	42.0	131.0	21.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

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KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
81	20+00E L20+50N	10.0	11.0	0.0	3.0
82	20+10E	10.0	5.0	0.0	3.0
83	20+20E	10.0	6.0	0.0	3.0
84	20+30E	10.0	3.0	0.0	3.0
85	20+40E	10.0	8.0	0.0	3.0
86	20+50E	10.0	12.0	0.0	3.0
87	20+60E	10.0	7.0	0.0	3.0
88	20+70E	10.0	12.0	0.0	3.0
89	20+80E	26.0	13.0	0.0	3.0
90	20+90E	26.0	16.0	0.2	3.0
91	21+00E	36.0	24.0	0.0	3.0
92	21+10E	24.0	18.0	0.1	3.0
93	21+20E	28.0	18.0	0.3	3.0
94	21+30E	28.0	22.0	0.2	3.0
95	21+40E	32.0	19.0	0.3	3.0
96	21+50E	42.0	25.0	0.3	3.0
97	21+60E	40.0	20.0	0.2	3.0
98	21+70E	42.0	15.0	0.3	3.0
99	21+80E	34.0	11.0	0.0	3.0
100	21+90E	30.0	22.0	0.2	3.0
101	22+00E	40.0	17.0	0.4	3.0
102	22+10E	36.0	15.0	0.3	3.0
103	22+20E	42.0	22.0	0.3	3.0
104	22+30E	48.0	18.0	0.3	3.0
105	22+40E	30.0	21.0	0.7	3.0
106	22+50E	50.0	19.0	0.7	3.0
107	22+60E	76.0	19.0	0.8	3.0
108	22+70E	44.0	19.0	0.7	3.0
109	22+80E	36.0	25.0	0.5	3.0
110	22+90E	62.0	9.0	0.0	3.0
111	23+00E	50.0	40.0	0.6	3.0
112	23+10E	66.0	26.0	0.7	3.0
113	23+20E	10.0	34.0	0.8	3.0
114	23+30E	52.0	51.0	1.1	3.0
115	23+40E	10.0	21.0	0.5	3.0
116	23+50E	10.0	20.0	0.2	3.0
117	23+60E	10.0	22.0	0.3	3.0
118	23+70E	10.0	19.0	0.2	3.0
119	23+80E	10.0	18.0	0.0	3.0
120	23+90E L20+50N	30.0	16.0	0.0	3.0

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KAMLOOPS, B.C.
V2C 5L7

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121	24+00E L20+50N	3.0	0.2	41.0	184.0	9.0
122	20+00E L21+50N	3.0	0.7	16.0	75.0	9.0
123	20+10E	3.0	0.5	23.0	87.0	23.0
124	20+20E	3.0	0.2	12.0	59.0	9.0
125	20+30E	3.0	0.1	14.0	51.0	7.0
126	20+40E	3.0	0.1	20.0	61.0	8.0
127	20+50E A	3.0	0.1	40.0	63.0	12.0
128	20+50E B	3.0	0.3	16.0	60.0	7.0
129	20+60E	3.0	0.1	22.0	72.0	12.0
130	20+70E	3.0	0.4	17.0	64.0	9.0
131	20+80E	3.0	0.1	16.0	64.0	9.0
132	20+90E	3.0	0.3	31.0	112.0	13.0
133	21+00E	3.0	0.3	38.0	98.0	15.0
134	21+10E	3.0	0.4	72.0	82.0	30.0
135	21+20E	3.0	0.3	63.0	83.0	14.0
136	21+30E	3.0	0.3	64.0	78.0	13.0
137	21+40E	3.0	0.3	65.0	93.0	10.0
138	21+60E	3.0	0.6	52.0	99.0	13.0
139	21+70E	3.0	0.2	57.0	67.0	7.0
140	21+80E	3.0	0.4	63.0	89.0	5.0
141	21+90E	3.0	0.4	45.0	84.0	10.0
142	22+00E	3.0	0.4	51.0	77.0	6.0
143	22+10E	3.0	0.7	49.0	121.0	8.0
144	22+20E	3.0	0.5	52.0	133.0	8.0
145	22+30E	3.0	0.5	50.0	114.0	13.0
146	22+40E	3.0	0.3	48.0	162.0	14.0
147	22+50E	3.0	0.7	59.0	190.0	7.0
148	22+60E	3.0	0.2	69.0	169.0	9.0
149	22+70E	3.0	0.6	85.0	149.0	15.0
150	22+80E	3.0	0.7	102.0	171.0	14.0
151	22+90E	3.0	0.7	98.0	118.0	16.0
152	23+00E	3.0	0.0	56.0	91.0	7.0
153	23+10E	3.0	0.6	127.0	153.0	36.0
154	23+20E	3.0	0.3	78.0	159.0	7.0
155	23+30E	3.0	0.2	95.0	126.0	27.0
156	23+40E	3.0	0.3	68.0	169.0	16.0
157	23+50E	3.0	0.5	181.0	158.0	58.0
158	23+60E	3.0	0.0	131.0	122.0	18.0
159	23+70E	3.0	0.0	92.0	156.0	25.0
160	23+80E L21+50N	3.0	0.4	62.0	292.0	15.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2076

Date: NOV. 24, 1988

Proj.:

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KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
121	24+00E L20+50N	22.0	25.0	0.4	3.0
122	20+00E L21+50N	10.0	18.0	0.0	3.0
123	20+10E	26.0	28.0	0.0	3.0
124	20+20E	10.0	13.0	0.0	3.0
125	20+30E	24.0	14.0	0.0	3.0
126	20+40E	86.0	9.0	0.0	3.0
127	20+50E A	24.0	12.0	0.0	3.0
128	20+50E B	30.0	20.0	0.0	3.0
129	20+60E	10.0	21.0	0.0	3.0
130	20+70E	10.0	28.0	0.0	3.0
131	20+80E	10.0	17.0	0.0	3.0
132	20+90E	28.0	29.0	0.0	3.0
133	21+00E	34.0	18.0	0.0	3.0
134	21+10E	96.0	29.0	0.0	3.0
135	21+20E	78.0	19.0	0.0	3.0
136	21+30E	48.0	18.0	0.0	3.0
137	21+40E	72.0	23.0	0.0	3.0
138	21+60E	64.0	17.0	0.0	3.0
139	21+70E	72.0	10.0	0.0	3.0
140	21+80E	46.0	21.0	0.0	3.0
141	21+90E	56.0	16.0	0.0	3.0
142	22+00E	42.0	14.0	0.0	3.0
143	22+10E	24.0	20.0	0.2	3.0
144	22+20E	48.0	15.0	0.3	3.0
145	22+30E	42.0	25.0	0.2	3.0
146	22+40E	52.0	17.0	0.3	3.0
147	22+50E	54.0	18.0	0.6	3.0
148	22+60E	102.0	15.0	0.6	3.0
149	22+70E	60.0	19.0	0.4	3.0
150	22+80E	68.0	21.0	0.7	3.0
151	22+90E	50.0	28.0	0.0	3.0
152	23+00E	66.0	12.0	0.1	3.0
153	23+10E	92.0	35.0	0.6	3.0
154	23+20E	62.0	16.0	0.9	3.0
155	23+30E	164.0	6.0	1.0	3.0
156	23+40E	86.0	17.0	0.7	3.0
157	23+50E	128.0	31.0	0.8	3.0
158	23+60E	126.0	11.0	0.3	3.0
159	23+70E	68.0	21.0	0.6	3.0
160	23+80E L21+50N	24.0	19.0	1.1	3.0

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

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P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

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KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
161	23+90E L21+50N	3.0	0.4	64.0	333.0	13.0
162	24+00E L21+50N	3.0	0.2	68.0	249.0	5.0
163	20+00E L22N	3.0	0.7	19.0	59.0	10.0
164	20+00E L22+50N	3.0	0.4	22.0	66.0	6.0
165	20+10E	3.0	0.5	61.0	69.0	11.0
166	20+20E	3.0	0.5	59.0	82.0	17.0
167	20+30E	3.0	0.5	24.0	87.0	10.0
168	20+40E	3.0	0.6	18.0	101.0	6.0
169	20+50E	3.0	0.3	19.0	69.0	3.0
170	20+60E	3.0	0.2	15.0	51.0	8.0
171	20+70E	3.0	0.1	14.0	52.0	9.0
172	20+80E	3.0	0.2	21.0	63.0	10.0
173	20+90E	3.0	0.1	23.0	57.0	13.0
174	21+00E	3.0	0.1	24.0	62.0	11.0
175	21+10E	3.0	0.7	30.0	67.0	19.0
176	21+20E	3.0	0.7	29.0	86.0	16.0
177	21+30E	3.0	0.7	24.0	78.0	13.0
178	21+40E	3.0	0.7	52.0	84.0	11.0
179	21+50E	3.0	0.5	27.0	121.0	10.0
180	21+60E	3.0	0.5	45.0	96.0	26.0
181	21+70E	3.0	0.7	45.0	118.0	21.0
182	21+80E	3.0	0.8	39.0	112.0	22.0
183	21+90E	3.0	0.7	75.0	95.0	78.0
184	22+00E	3.0	0.7	44.0	100.0	26.0
185	22+10E	3.0	0.9	57.0	129.0	20.0
186	22+20E	3.0	0.6	40.0	84.0	18.0
187	22+30E	3.0	0.6	40.0	87.0	15.0
188	22+40E	3.0	0.8	42.0	70.0	12.0
189	22+50E	3.0	0.3	53.0	87.0	4.0
190	22+60E	3.0	0.6	132.0	110.0	62.0
191	22+70E	3.0	0.4	51.0	130.0	12.0
192	22+80E	3.0	0.3	79.0	111.0	21.0
193	22+90E	3.0	0.6	82.0	136.0	20.0
194	23+00E	3.0	0.4	46.0	190.0	72.0
195	23+10E	3.0	0.4	59.0	381.0	10.0
196	23+20E	3.0	0.5	54.0	292.0	12.0
197	23+30E	3.0	0.6	69.0	391.0	16.0
198	23+40E	3.0	0.6	70.0	385.0	20.0
199	23+50E	3.0	0.7	76.0	247.0	21.0
200	23+60E 22+50N	3.0	0.4	76.0	317.0	14.0

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2076

Date: NOV. 24, 1988

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KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
161	23+90E L21+50N	20.0	28.0	1.1	3.0
162	24+00E L21+50N	22.0	25.0	0.8	3.0
163	20+00E L22N	10.0	15.0	0.2	3.0
164	20+00E L22+50N	10.0	15.0	0.2	3.0
165	20+10E	10.0	17.0	0.1	3.0
166	20+20E	20.0	21.0	0.2	3.0
167	20+30E	20.0	25.0	0.1	3.0
168	20+40E	10.0	26.0	0.2	3.0
169	20+50E	10.0	14.0	0.1	3.0
170	20+60E	10.0	11.0	0.0	3.0
171	20+70E	10.0	9.0	0.0	3.0
172	20+80E	10.0	21.0	0.0	3.0
173	20+90E	24.0	14.0	0.0	3.0
174	21+00E	24.0	22.0	0.0	3.0
175	21+10E	26.0	23.0	0.0	3.0
176	21+20E	24.0	25.0	0.3	3.0
177	21+30E	24.0	21.0	0.1	3.0
178	21+40E	20.0	30.0	0.1	3.0
179	21+50E	10.0	24.0	0.5	3.0
180	21+60E	40.0	21.0	0.2	3.0
181	21+70E	42.0	29.0	0.4	3.0
182	21+80E	22.0	30.0	0.3	3.0
183	21+90E	58.0	29.0	0.2	3.0
184	22+00E	28.0	20.0	0.4	3.0
185	22+10E	30.0	27.0	0.4	3.0
186	22+20E	34.0	18.0	0.2	3.0
187	22+30E	32.0	21.0	0.3	3.0
188	22+40E	28.0	18.0	0.2	3.0
189	22+50E	28.0	16.0	0.2	3.0
190	22+60E	96.0	36.0	0.4	3.0
191	22+70E	10.0	25.0	0.2	3.0
192	22+80E	46.0	15.0	0.2	3.0
193	22+90E	52.0	28.0	0.4	3.0
194	23+00E	70.0	18.0	0.6	3.0
195	23+10E	36.0	20.0	1.9	3.0
196	23+20E	40.0	17.0	1.3	3.0
197	23+30E	26.0	25.0	2.7	3.0
198	23+40E	44.0	28.0	1.4	3.0
199	23+50E	34.0	28.0	0.5	3.0
200	23+60E L22+50N	32.0	22.0	1.3	3.0

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

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* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2076

Date: NOV. 24, 1988

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KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
201	23+70E 22+50N	3.0	0.5	65.0	227.0	12.0
202	23+80E	3.0	0.2	68.0	121.0	16.0
203	23+90E	3.0	0.6	192.0	257.0	50.0
204	24+00E L22+50N	3.0	0.4	46.0	149.0	18.0
205	30+50E L24N	3.0	0.2	43.0	82.0	10.0
206	31+00E	3.0	0.3	26.0	79.0	220.0
207	31+50E	3.0	0.2	12.0	91.0	51.0
208	32+00E	3.0	0.3	48.0	72.0	40.0
209	32+50E	3.0	0.2	11.0	75.0	168.0
210	33+00E	3.0	0.3	20.0	133.0	62.0
211	33+29E SILT	3.0	0.5	39.0	126.0	184.0
212	33+50E	3.0	0.1	8.0	111.0	204.0
213	34+00E	3.0	0.3	13.0	87.0	25.0
214	34+50E	3.0	0.3	7.0	112.0	157.0
215	35+00E	3.0	0.2	17.0	128.0	171.0
216	35+50E A	3.0	0.2	58.0	147.0	361.0
217	36+00E	3.0	0.2	24.0	141.0	164.0
218	36+50E	3.0	0.3	49.0	180.0	61.0
219	36+68E	3.0	0.3	56.0	127.0	81.0
220	37+00E	3.0	0.3	269.0	292.0	30.0
221	37+50E	3.0	0.2	62.0	179.0	24.0
222	38+00E	3.0	0.4	34.0	171.0	38.0
223	38+50E	3.0	0.4	23.0	97.0	50.0
224	39+00E	3.0	0.2	19.0	113.0	37.0
225	39+50E	3.0	0.3	35.0	185.0	13.0
226	40+00E L24N	3.0	0.5	34.0	98.0	40.0
227	30+50E L26N	3.0	0.7	30.0	163.0	18.0
228	31+00E	3.0	0.5	28.0	104.0	39.0
229	31+50E	3.0	0.2	7.0	90.0	226.0
230	32+00E	3.0	0.2	4.0	128.0	179.0
231	32+25E	3.0	0.2	26.0	63.0	25.0
232	32+50E	3.0	0.1	21.0	87.0	37.0
233	33+00E	3.0	0.3	12.0	88.0	28.0
234	33+50E	3.0	0.3	24.0	189.0	18.0
235	33+88E SILT	3.0	0.3	45.0	161.0	96.0
236	33+88E	3.0	0.2	12.0	91.0	182.0
237	34+00E L26N	3.0	0.3	17.0	82.0	46.0
238	10+00E L28N	3.0	0.0	16.0	61.0	10.0
239	10+50E	3.0	0.0	14.0	96.0	37.0
240	11+00E L28N	3.0	0.0	10.0	103.0	116.0

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

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KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
201	23+70E L22+50N	28.0	18.0	1.5	3.0
202	23+80E	60.0	10.0	0.5	3.0
203	23+90E	130.0	71.0	1.7	3.0
204	24+00E L22+50N	72.0	16.0	0.2	3.0
205	30+50E L24N	30.0	15.0	0.0	3.0
206	31+00E	20.0	27.0	0.0	3.0
207	31+50E	10.0	18.0	0.0	3.0
208	32+00E	10.0	28.0	0.0	3.0
209	32+50E	10.0	16.0	0.0	3.0
210	33+00E	20.0	22.0	0.3	3.0
211	33+29E SILT	40.0	33.0	0.6	3.0
212	33+50E	10.0	25.0	0.0	3.0
213	34+00E	10.0	12.0	0.2	3.0
214	34+50E	10.0	18.0	0.3	3.0
215	35+00E	10.0	24.0	0.5	3.0
216	35+50E A	22.0	13.0	0.9	3.0
217	36+00E	10.0	29.0	0.5	3.0
218	36+50E	34.0	17.0	2.0	3.0
219	36+68E	36.0	33.0	0.5	3.0
220	37+00E	46.0	38.0	0.9	3.0
221	37+50E	22.0	33.0	0.6	3.0
222	38+00E	10.0	34.0	0.8	3.0
223	38+50E	10.0	24.0	0.2	3.0
224	39+00E	10.0	24.0	0.3	3.0
225	39+50E	10.0	20.0	1.1	3.0
226	40+00E L24N	10.0	21.0	0.5	3.0
227	30+50E L26N	10.0	20.0	0.6	3.0
228	31+00E	10.0	22.0	0.4	3.0
229	31+50E	10.0	16.0	0.0	3.0
230	32+00E	10.0	28.0	0.0	3.0
231	32+25E	48.0	15.0	0.0	3.0
232	32+50E	20.0	14.0	0.0	3.0
233	33+00E	10.0	16.0	0.3	3.0
234	33+50E	10.0	22.0	0.4	3.0
235	33+88E SILT	46.0	32.0	0.4	3.0
236	33+88E	10.0	29.0	0.7	3.0
237	34+00E L26N	10.0	16.0	0.0	3.0
238	10+00E L28N	10.0	20.0	0.0	3.0
239	10+50E	10.0	28.0	0.0	3.0
240	11+00E L28N	10.0	36.0	0.0	3.0

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241	11+50E L28N	3.0	0.0	16.0	71.0	11.0
242	12+00E	3.0	0.0	13.0	41.0	5.0
243	12+50E	3.0	0.0	23.0	42.0	21.0
244	13+00E	3.0	0.0	12.0	47.0	6.0
245	13+50E	3.0	0.0	16.0	29.0	18.0
246	14+00E	3.0	0.0	22.0	41.0	26.0
247	14+50E	3.0	0.0	19.0	51.0	14.0
248	15+00E	3.0	0.0	8.0	39.0	6.0
249	15+50E	3.0	0.0	12.0	56.0	8.0
250	16+00E	3.0	0.0	14.0	74.0	11.0
251	16+50E	3.0	0.0	16.0	90.0	6.0
252	17+00E	3.0	0.0	15.0	75.0	11.0
253	17+50E	3.0	0.0	14.0	69.0	10.0
254	18+00E	3.0	0.0	16.0	93.0	6.0
255	18+50E	3.0	0.0	30.0	91.0	29.0
256	19+00E	3.0	0.0	16.0	61.0	7.0
257	19+50E	3.0	0.0	17.0	87.0	12.0
258	30+00E	3.0	0.2	32.0	158.0	12.0
259	30+50E	3.0	0.5	43.0	96.0	34.0
260	31+00E	3.0	0.3	29.0	122.0	14.0
261	31+50E	3.0	0.0	30.0	153.0	15.0
262	32+00E	3.0	0.1	30.0	104.0	20.0
263	32+50E	3.0	0.0	22.0	109.0	67.0
264	33+00E	3.0	0.1	37.0	78.0	64.0
265	33+50E	3.0	0.1	35.0	82.0	52.0
266	34+00E L28N	3.0	0.2	64.0	100.0	73.0
267	10+00E L29N	3.0	0.3	46.0	44.0	14.0
268	10+50E	3.0	0.0	2.0	32.0	6.0
269	11+00E	3.0	0.0	13.0	70.0	18.0
270	11+50E	3.0	0.0	7.0	81.0	47.0
271	12+00E	3.0	0.0	10.0	60.0	6.0
272	12+50E	3.0	0.0	10.0	48.0	5.0
273	13+00E	3.0	0.0	13.0	33.0	11.0
274	13+50E	3.0	0.0	19.0	46.0	21.0
275	14+00E	3.0	0.0	12.0	29.0	17.0
276	14+50E	3.0	0.0	6.0	53.0	9.0
277	15+00E	3.0	0.0	5.0	46.0	9.0
278	15+50E	3.0	0.0	15.0	43.0	3.0
279	16+00E	3.0	0.0	16.0	92.0	8.0
280	16+50E L29N	3.0	0.0	12.0	71.0	6.0

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2076

Date: NOV. 24, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
241	11+50E L28N	10.0	14.0	0.4	3.0
242	12+00E	10.0	19.0	0.0	3.0
243	12+50E	10.0	42.0	0.0	3.0
244	13+00E	10.0	18.0	0.0	3.0
245	13+50E	20.0	32.0	0.0	3.0
246	14+00E	34.0	32.0	0.1	3.0
247	14+50E	10.0	29.0	0.0	3.0
248	15+00E	10.0	10.0	0.0	3.0
249	15+50E	10.0	22.0	0.0	3.0
250	16+00E	10.0	15.0	0.0	3.0
251	16+50E	10.0	30.0	0.0	3.0
252	17+00E	10.0	28.0	0.0	3.0
253	17+50E	10.0	16.0	0.0	3.0
254	18+00E	10.0	25.0	0.0	3.0
255	18+50E	28.0	40.0	0.0	3.0
256	19+00E	10.0	16.0	0.0	3.0
257	19+50E	10.0	22.0	0.0	3.0
258	30+00E	10.0	29.0	0.4	3.0
259	30+50E	30.0	37.0	0.0	3.0
260	31+00E	26.0	15.0	0.2	3.0
261	31+50E	20.0	18.0	0.3	3.0
262	32+00E	10.0	14.0	0.0	3.0
263	32+50E	10.0	18.0	0.0	3.0
264	33+00E	64.0	15.0	0.0	3.0
265	33+50E	86.0	25.0	0.0	3.0
266	34+00E L28N	10.0	27.0	0.0	3.0
267	10+00E L29N	10.0	15.0	0.0	3.0
268	10+50E	10.0	9.0	0.0	3.0
269	11+00E	10.0	24.0	0.0	3.0
270	11+50E	10.0	152.0	0.0	3.0
271	12+00E	10.0	24.0	0.0	3.0
272	12+50E	10.0	19.0	0.0	3.0
273	13+00E	10.0	18.0	0.0	3.0
274	13+50E	10.0	18.0	0.6	3.0
275	14+00E	10.0	18.0	0.2	3.0
276	14+50E	10.0	17.0	0.0	3.0
277	15+00E	10.0	24.0	0.0	3.0
278	15+50E	10.0	8.0	0.0	3.0
279	16+00E	10.0	24.0	0.0	3.0
280	16+50E L29N	10.0	21.0	0.0	3.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2076

Date: NOV. 24, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
281	17+00E L29N	3.0	0.0	16.0	72.0	10.0
282	17+50E	3.0	0.0	17.0	118.0	8.0
283	18+00E	3.0	0.0	20.0	102.0	9.0
284	18+50E	3.0	0.0	19.0	89.0	16.0
285	19+00E	3.0	0.0	16.0	68.0	12.0
286	19+50E	3.0	0.0	15.0	55.0	4.0
287	20+00E	3.0	0.0	14.0	35.0	11.0
288	30+00E	3.0	0.0	27.0	77.0	12.0
289	30+50E	3.0	0.2	41.0	123.0	16.0
290	31+00E	3.0	0.1	23.0	71.0	34.0
291	31+50E	3.0	0.1	24.0	74.0	23.0
292	32+00E	3.0	0.1	31.0	96.0	11.0
293	32+50E	3.0	0.3	28.0	101.0	23.0
294	33+00E	3.0	0.1	27.0	81.0	22.0
295	33+50E	3.0	0.1	35.0	79.0	18.0
296	34+00E L29N	3.0	0.1	17.0	79.0	9.0
297	2150E GS 24N	3.0	0.1	5.0	44.0	2.0
298	40E GS 25N	3.0	0.1	4.0	132.0	76.0
299	40E 2 GS 25N	3.0	0.0	16.0	36.0	85.0

IN AU COLUMN 3 INDICATES <5PPB

IN AG COLUMN 0 INDICATES <.1PPM

KAMLOOPS
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LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2076

Date: NOV. 24, 1988

Proj.:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
281	17+00E L29N	10.0	12.0	0.0	3.0
282	17+50E	10.0	17.0	0.3	3.0
283	18+00E	10.0	23.0	0.2	3.0
284	18+50E	10.0	24.0	0.1	3.0
285	19+00E	10.0	28.0	0.0	3.0
286	19+50E	10.0	12.0	0.0	3.0
287	20+00E	10.0	11.0	0.0	3.0
288	30+00E	10.0	12.0	0.1	3.0
289	30+50E	24.0	16.0	0.5	3.0
290	31+00E	24.0	18.0	0.1	3.0
291	31+50E	22.0	19.0	0.1	3.0
292	32+00E	10.0	12.0	0.1	3.0
293	32+50E	20.0	15.0	0.1	3.0
294	33+00E	10.0	10.0	0.2	3.0
295	33+50E	10.0	14.0	0.0	3.0
296	34+00E L29N	10.0	10.0	0.0	3.0
297	2150E GS 24N	10.0	6.0	0.0	3.0
298	40E GS 25N	10.0	35.0	0.0	3.0
299	40E 2 GS 25N	50.0	15.0	0.0	3.0

IN AS COLUMN 10 INDICATES <20PPM

IN CD COLUMN 0 INDICATES <.1PPM

IN SN COLUMN 3 INDICATES <5PPM

SN PARTIAL EXTRACTION ONLY

KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

** GEOCHEMICAL REPORT **

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2077

Date: NOV. 24, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
1	20+00E 18+50N	3.0	0.0	14.0	35.0	11.0
2	20+25E	3.0	0.1	12.0	36.0	15.0
3	20+50E	3.0	0.0	13.0	54.0	12.0
4	20+75E	3.0	0.0	19.0	67.0	10.0
5	21+00E	3.0	0.0	12.0	59.0	9.0
6	21+25E	3.0	0.0	25.0	56.0	11.0
7	21+50E	3.0	0.0	12.0	52.0	8.0
8	21+75E	3.0	0.2	74.0	260.0	27.0
9	22+00E	3.0	0.5	102.0	276.0	4.0
10	22+25E 18+50N	3.0	0.4	85.0	195.0	8.0
11	20+00E 19+50N	3.0	0.1	9.0	30.0	4.0
12	20+25E	3.0	0.0	8.0	41.0	2.0
13	20+50E	3.0	0.0	17.0	62.0	3.0
14	20+75E	3.0	0.0	16.0	50.0	3.0
15	21+50E	3.0	0.2	49.0	54.0	39.0
16	21+75E	3.0	0.2	62.0	117.0	10.0
17	22+00E	3.0	0.2	90.0	116.0	21.0
18	22+25E	3.0	0.1	131.0	175.0	22.0
19	22+50E	3.0	0.0	57.0	100.0	8.0
20	22+75E	3.0	0.2	163.0	162.0	47.0
21	23+00E	3.0	0.0	71.0	130.0	28.0
22	23+25E	3.0	0.0	53.0	101.0	21.0
23	23+50E	3.0	0.1	45.0	147.0	9.0
24	23+75E	3.0	0.0	56.0	111.0	9.0
25	24+00E 19+50N	3.0	0.3	52.0	127.0	29.0
26	20+00E 21N	3.0	0.3	30.0	71.0	13.0
27	20+25E	3.0	0.3	44.0	80.0	17.0
28	20+75E	3.0	0.2	31.0	111.0	10.0
29	21+25E	3.0	0.0	74.0	82.0	10.0
30	21+75E	3.0	0.2	43.0	116.0	6.0
31	22+25E	3.0	0.1	54.0	147.0	10.0
32	22+75E	3.0	0.2	78.0	154.0	16.0
33	23+25E	3.0	0.0	50.0	159.0	6.0
34	23+75E 21N	3.0	0.1	42.0	156.0	8.0
35	20+25E 22N	3.0	0.3	33.0	91.0	10.0
36	20+75E	3.0	0.1	26.0	62.0	11.0
37	21+25E	3.0	0.0	25.0	71.0	23.0
38	21+75E	3.0	0.2	51.0	72.0	21.0
39	22+25E	3.0	0.3	92.0	124.0	8.0
40	22+75E 22N	3.0	0.3	59.0	152.0	12.0

KAMLOOPS
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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

** GEOCHEMICAL REPORT **

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2077

Date: NOV. 24, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
1	20+00E 18+50N	10.0	6.0	0.0	3.0
2	20+25E	10.0	6.0	0.0	3.0
3	20+50E	10.0	8.0	0.0	3.0
4	20+75E	10.0	10.0	0.0	3.0
5	21+00E	10.0	8.0	0.0	3.0
6	21+25E	10.0	9.0	0.0	3.0
7	21+50E	10.0	8.0	0.0	3.0
8	21+75E	46.0	16.0	0.3	3.0
9	22+00E	38.0	10.0	1.4	3.0
10	22+25E 18+50N	32.0	10.0	0.4	3.0
11	20+00E 19+50N	10.0	3.0	0.0	3.0
12	20+25E	10.0	4.0	0.0	3.0
13	20+50E	10.0	5.0	0.0	3.0
14	20+75E	10.0	5.0	0.0	3.0
15	21+50E	48.0	14.0	0.0	3.0
16	21+75E	68.0	12.0	0.0	3.0
17	22+00E	58.0	15.0	0.2	3.0
18	22+25E	92.0	20.0	0.4	3.0
19	22+50E	32.0	9.0	0.0	3.0
20	22+75E	66.0	42.0	1.2	3.0
21	23+00E	28.0	24.0	0.3	3.0
22	23+25E	26.0	16.0	0.0	3.0
23	23+50E	22.0	17.0	0.5	3.0
24	23+75E	24.0	14.0	0.2	3.0
25	24+00E 19+50N	28.0	22.0	0.2	3.0
26	20+00E 21N	20.0	15.0	0.0	3.0
27	20+25E	40.0	13.0	0.0	3.0
28	20+75E	10.0	15.0	0.0	3.0
29	21+25E	30.0	16.0	0.0	3.0
30	21+75E	28.0	24.0	0.3	3.0
31	22+25E	28.0	17.0	0.3	3.0
32	22+75E	48.0	19.0	0.8	3.0
33	23+25E	24.0	9.0	0.8	3.0
34	23+75E 21N	20.0	13.0	0.4	3.0
35	20+25E 22N	20.0	26.0	0.1	3.0
36	20+75E	20.0	27.0	0.0	3.0
37	21+25E	28.0	31.0	0.0	3.0
38	21+75E	40.0	18.0	0.0	3.0
39	22+25E	44.0	26.0	0.5	3.0
40	22+75E 22N	56.0	24.0	0.4	3.0

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KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
41	23+25E 22N	3.0	0.2	43.0	101.0	14.0
42	23+75E 22N	3.0	0.3	111.0	204.0	42.0
43	20+25E 23N	3.0	0.1	21.0	95.0	7.0
44	20+75E	3.0	0.0	27.0	106.0	7.0
45	21+25E	3.0	0.1	46.0	89.0	12.0
46	21+75E	3.0	0.6	57.0	134.0	32.0
47	22+25E	3.0	0.3	36.0	71.0	4.0
48	22+75E	3.0	0.2	67.0	152.0	16.0
49	23+25E	3.0	0.3	93.0	284.0	6.0
50	23+75E 23N	3.0	0.4	202.0	349.0	20.0

IN AU COLUMN 3 INDICATES <5PPB

IN AG COLUMN 0 INDICATES <.1PPM

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V2C 5L7

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KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
41	23+25E 22N	44.0	15.0	0.3	3.0
42	23+75E 22N	106.0	35.0	0.9	3.0
43	20+25E 23N	10.0	26.0	0.3	3.0
44	20+75E	10.0	24.0	0.3	3.0
45	21+25E	20.0	21.0	0.1	3.0
46	21+75E	32.0	32.0	0.7	3.0
47	22+25E	10.0	9.0	0.5	3.0
48	22+75E	28.0	19.0	1.0	3.0
49	23+25E	22.0	11.0	2.6	3.0
50	23+75E 23N	36.0	19.0	1.9	3.0

IN AS COLUMN 10 INDICATES <20PPM

IN CD COLUMN 0 INDICATES <.1PPM

IN SN COLUMN 3 INDICATES <5PPM

SN PARTIAL EXTRACTION ONLY

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** GEOCHEMICAL REPORT**

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2078

Date: NOV. 24, 1988

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KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
1	21+00E 17+50N	3.0	0.0	16.0	32.0	5.0
2	21+25E	3.0	0.0	15.0	35.0	4.0
3	21+50E	3.0	0.2	8.0	16.0	1.0
4	21+75E	3.0	0.1	21.0	64.0	29.0
5	22+25E	3.0	1.5	207.0	198.0	30.0
6	22+50E	3.0	0.3	66.0	314.0	7.0
7	22+75E	3.0	0.6	351.0	379.0	20.0
8	23+00E	3.0	0.3	35.0	169.0	3.0
9	23+25E	3.0	0.0	14.0	55.0	7.0
10	23+50E	3.0	0.0	17.0	69.0	10.0
11	23+75E	3.0	0.0	14.0	61.0	12.0
12	24+00E 17+50N	3.0	0.2	14.0	59.0	8.0
13	21+00E 18N	3.0	0.2	17.0	67.0	11.0
14	21+25E	3.0	1.1	15.0	56.0	9.0
15	21+50E	3.0	0.3	22.0	95.0	11.0
16	21+75E	3.0	0.1	40.0	72.0	10.0
17	22+00E	3.0	0.1	51.0	103.0	24.0
18	22+25E	3.0	0.5	204.0	112.0	19.0
19	22+50E	3.0	0.2	69.0	152.0	10.0
20	23+25E	3.0	0.1	31.0	61.0	12.0
21	23+50E	3.0	0.4	46.0	169.0	9.0
22	23+75E	3.0	0.1	15.0	69.0	8.0
23	24+00E	3.0	0.1	13.0	60.0	7.0
24	24+50E	3.0	0.0	15.0	54.0	7.0
25	25+00E	3.0	0.6	121.0	186.0	70.0
26	25+50E	3.0	1.1	92.0	151.0	82.0
27	26+00E	3.0	0.2	25.0	98.0	12.0
28	26+50E	3.0	0.0	25.0	99.0	10.0
29	27+00E	3.0	0.2	28.0	101.0	12.0
30	27+50E	3.0	0.0	27.0	87.0	14.0
31	28+50E	3.0	0.1	22.0	88.0	28.0
32	29+00E	3.0	0.2	48.0	186.0	72.0
33	29+50E	3.0	0.0	60.0	117.0	81.0
34	30+00E 18N	3.0	0.2	24.0	75.0	41.0
35	23+50E 18+40N	3.0	0.1	59.0	117.0	20.0
36	23+75E 18+50N	3.0	0.2	90.0	189.0	11.0
37	24+00E	3.0	0.1	33.0	60.0	10.0
38	24+25E	3.0	0.6	55.0	234.0	26.0
39	24+75E 18+50N	3.0	0.3	129.0	486.0	42.0
40	25+25E 21N	3.0	0.2	41.0	168.0	36.0

KAMLOOPS
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LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

** GEOCHEMICAL REPORT**

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2078

Date: NOV. 24, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
1	21+00E 17+50N	10.0	5.0	0.0	3.0
2	21+25E	10.0	5.0	0.0	3.0
3	21+50E	10.0	1.0	0.0	3.0
4	21+75E	10.0	11.0	0.6	3.0
5	22+25E	210.0	26.0	0.4	3.0
6	22+50E	48.0	15.0	2.2	3.0
7	22+75E	44.0	25.0	1.4	3.0
8	23+00E	10.0	6.0	0.8	3.0
9	23+25E	10.0	8.0	0.0	3.0
10	23+50E	10.0	14.0	0.0	3.0
11	23+75E	10.0	11.0	0.0	3.0
12	24+00E 17+50N	10.0	9.0	0.0	3.0
13	21+00E 18N	10.0	10.0	0.0	3.0
14	21+25E	10.0	8.0	0.0	3.0
15	21+50E	10.0	10.0	0.2	3.0
16	21+75E	10.0	9.0	0.0	3.0
17	22+00E	102.0	14.0	0.0	3.0
18	22+25E	30.0	10.0	0.5	3.0
19	22+50E	32.0	10.0	0.4	3.0
20	23+25E	10.0	10.0	0.1	3.0
21	23+50E	10.0	13.0	1.1	3.0
22	23+75E	10.0	11.0	0.1	3.0
23	24+00E	10.0	9.0	0.2	3.0
24	24+50E	10.0	9.0	0.2	3.0
25	25+00E	28.0	33.0	2.6	3.0
26	25+50E	36.0	34.0	2.0	3.0
27	26+00E	10.0	14.0	0.2	3.0
28	26+50E	10.0	16.0	0.1	3.0
29	27+00E	20.0	14.0	0.0	3.0
30	27+50E	10.0	14.0	0.0	3.0
31	28+50E	10.0	16.0	0.0	3.0
32	29+00E	10.0	23.0	0.8	3.0
33	29+50E	20.0	22.0	0.2	3.0
34	30+00E 18N	20.0	21.0	0.0	3.0
35	23+50E 18+40N	28.0	16.0	0.6	3.0
36	23+75E 18+50N	38.0	17.0	1.0	3.0
37	24+00E	10.0	12.0	0.0	3.0
38	24+25E	22.0	38.0	1.6	3.0
39	24+75E 18+50N	40.0	35.0	2.0	3.0
40	25+25E 21N	26.0	17.0	1.6	3.0

KAMLOOPS
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LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2078

Date: NOV. 24, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
41	25+75E 21N	3.0	0.1	38.0	108.0	56.0
42	24+25E 22+50N	3.0	0.1	45.0	88.0	18.0
43	24+50E	3.0	0.1	45.0	161.0	13.0
44	24+75E	3.0	0.0	73.0	104.0	28.0
45	25+00E 22+50N	3.0	0.1	74.0	257.0	31.0
46	22+75E 25N	3.0	0.6	48.0	136.0	17.0
47	23+25E	3.0	0.3	83.0	102.0	28.0
48	25+25E	3.0	0.8	105.0	201.0	70.0
49	25+75E	3.0	1.7	363.0	610.0	21.0
50	26+25E	3.0	1.4	198.0	361.0	43.0
51	26+75E 25N	3.0	0.5	121.0	350.0	11.0
52	25+00E 25+50N	3.0	0.6	83.0	102.0	22.0
53	25+25E	3.0	1.1	92.0	278.0	20.0
54	25+50E	3.0	0.8	83.0	295.0	27.0
55	25+75E	3.0	0.8	110.0	396.0	33.0
56	26+00E	3.0	0.8	95.0	358.0	30.0
57	26+25E	3.0	0.9	200.0	790.0	33.0
58	26+50E	3.0	0.5	130.0	215.0	42.0
59	26+75E	3.0	3.7	507.0	577.0	27.0
60	27+00E 25+50N	3.0	0.5	105.0	232.0	42.0
61	25+00E 28N	3.0	0.6	30.0	136.0	14.0
62	25+50E	3.0	0.3	41.0	87.0	13.0
63	26+00E	3.0	0.5	48.0	81.0	18.0
64	26+50E	3.0	0.6	44.0	150.0	21.0
65	27+00E	3.0	0.8	34.0	204.0	25.0
66	27+50E	3.0	0.3	32.0	195.0	39.0
67	28+50E	3.0	0.0	16.0	150.0	19.0
68	29+00E	3.0	0.3	16.0	65.0	17.0
69	29+50E	3.0	0.1	13.0	76.0	21.0
70	30+00E 28N	3.0	0.2	26.0	158.0	20.0
71	25+00E 29N	3.0	0.3	28.0	62.0	18.0
72	25+50E	3.0	0.4	29.0	86.0	21.0
73	26+00E	3.0	0.2	23.0	60.0	10.0
74	26+50E	3.0	0.2	47.0	71.0	24.0
75	27+00E	3.0	0.7	68.0	149.0	12.0
76	27+50E	3.0	0.7	50.0	131.0	34.0
77	28+00E	3.0	0.6	59.0	123.0	19.0
78	28+50E	3.0	0.2	7.0	63.0	32.0
79	29+00E	3.0	0.1	10.0	56.0	21.0
80	29+50E 29N	3.0	0.2	15.0	61.0	19.0

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* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2078

Date: NOV. 24, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
41	25+75E 21N	10.0	20.0	0.2	3.0
42	24+25E 22+50N	32.0	19.0	0.1	3.0
43	24+50E	20.0	42.0	0.4	3.0
44	24+75E	20.0	35.0	0.0	3.0
45	25+00E 22+50N	22.0	45.0	0.9	3.0
46	22+75E 25N	10.0	29.0	0.5	3.0
47	23+25E	40.0	21.0	0.2	3.0
48	25+25E	56.0	49.0	0.4	3.0
49	25+75E	114.0	29.0	5.5	3.0
50	26+25E	54.0	29.0	1.5	3.0
51	26+75E 25N	30.0	16.0	1.8	3.0
52	25+00E 25+50N	10.0	26.0	0.2	3.0
53	25+25E	10.0	42.0	1.6	3.0
54	25+50E	10.0	36.0	2.3	3.0
55	25+75E	20.0	27.0	2.7	3.0
56	26+00E	10.0	40.0	2.9	3.0
57	26+25E	10.0	41.0	3.2	3.0
58	26+50E	22.0	22.0	1.0	3.0
59	26+75E	104.0	23.0	5.0	3.0
60	27+00E 25+50N	30.0	24.0	1.1	3.0
61	25+00E 28N	10.0	35.0	0.6	3.0
62	25+50E	10.0	18.0	0.0	3.0
63	26+00E	10.0	9.0	0.0	3.0
64	26+50E	46.0	24.0	0.6	3.0
65	27+00E	10.0	31.0	1.7	3.0
66	27+50E	22.0	26.0	1.5	3.0
67	28+50E	10.0	25.0	0.7	3.0
68	29+00E	10.0	18.0	0.0	3.0
69	29+50E	10.0	19.0	0.0	3.0
70	30+00E 28N	10.0	29.0	0.4	3.0
71	25+00E 29N	10.0	22.0	0.0	3.0
72	25+50E	10.0	21.0	0.0	3.0
73	26+00E	10.0	11.0	0.0	3.0
74	26+50E	10.0	16.0	0.0	3.0
75	27+00E	20.0	15.0	1.0	3.0
76	27+50E	26.0	20.0	0.4	3.0
77	28+00E	10.0	15.0	0.5	3.0
78	28+50E	10.0	22.0	0.0	3.0
79	29+00E	10.0	11.0	0.0	3.0
80	29+50E 29N	10.0	10.0	0.0	3.0

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* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Number: G 2078

Date: NOV. 24, 1988

Proj.:

Attn:

KRAL NO.	IDENTIFICATION	AU PPB	AG PPM	PB PPM	ZN PPM	CU PPM
81	30+00E 29N	3.0	0.3	13.0	65.0	17.0
82	2020 PC	3.0	0.1	14.0	31.0	13.0
83	2021 PC	3.0	0.2	32.0	119.0	10.0
84	2022 PC	3.0	0.1	33.0	190.0	3.0
85	2023 PC	3.0	0.1	25.0	59.0	5.0

IN AU COLUMN 3 INDICATES <5PPB

IN AG COLUMN 0 INDICATES <.1PPM

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CTA

* GEOCHEMICAL REPORT *

To: GOLDEN DIVIDEND SYNDICATE LTD.
P.O. BOX 694
KAMLOOPS, B.C.
V2C 5L7

Attn:

Number: G 2078

Date: NOV. 24, 1988

Proj.:

KRAL NO.	IDENTIFICATION	AS PPM	NI PPM	CD PPM	SN PPM
81	30+00E 29N	10.0	12.0	0.0	3.0
82	2020 PC	10.0	2.0	0.0	3.0
83	2021 PC	10.0	8.0	1.6	3.0
84	2022 PC	10.0	4.0	4.8	3.0
85	2023 PC	10.0	3.0	0.6	3.0

IN AS COLUMN 10 INDICATES <20PPM

IN CD COLUMN 0 INDICATES <.1PPM

IN SN COLUMN 3 INDICATES <5PPM

SN PARTIAL EXTRACTION ONLY

APPENDIX IV

Geophysical Instrumentation

EM16 SPECIFICATIONS

MEASURED QUANTITY	Inphase and quad-phase components of vertical magnetic field as a percentage of horizontal primary field. (i.e. tangent of the tilt angle and ellipticity).
SENSITIVITY	Inphase: ±150% Quad-phase: ± 40%
RESOLUTION	±1%
OUTPUT	Nulling by audio tone. Inphase indication from mechanical inclinometer and quad-phase from a graduated dial.
OPERATING FREQUENCY	15-25 kHz VLF Radio Band. Station selection done by means of plug-in units.
OPERATOR CONTROLS	ON/OFF switch, battery test push button, station selector switch, audio volume control, quadrature dial, inclinometer.
POWER SUPPLY	6 disposable 'AA' cells.
DIMENSIONS	42 x 14 x 9cm
WEIGHT	Instrument: 1.6 kg Shipping: 5.5 kg

Technical Description of the MP-2 Portable Proton Precession Magnetometer

Resolution	1 Gamma
Total Field Accuracy	±1 Gamma over full operating range
Range	20,000 to 100,000 gammas in 25 overlapping steps
Internal Measuring Program	Reading appears 1.5 seconds after depressing Operate Switch, stays on for 2.2 seconds, for a total of 3.7 seconds per single reading.
External Trigger	External trigger input permits use of sampling intervals longer than 1.5 seconds
Readout	5 digit LED (Light Emitting Diode) readout displaying total magnetic field in gammas or normalized battery voltage
Digital Output	Multiplied precession frequency and gate times
Base Station Mode	MP-2 console slips into a base station module which provides external triggering as well as digital and analogue outputs. The complete unit is called the MBS-2 Magnetic Base Station
Gradient Tolerance	Up to 5000 gammas/meter
Power Source	8 alkaline "D" cells provide up to 25,000 readings at 25°C under reasonable signal/ noise conditions (less at lower temperatures). Premium carbon-zinc cells provide about 40% of this number
Sensor	Omnidirectional, shielded, noise-cancelling dual coil, optimized for high gradient tolerance
Harness	Complete for operation with staff or back pack sensor
Operating Temperature Range	−35°C to +60°C
Size	Console, with batteries: 80 x 160 x 250mm Sensor: 80 x 150mm Staff: 30 x 1550mm (extended) 30 x 600 mm. (collapsed)
Weights	Console, with batteries: 1.8 kg Sensor: 1.3 kg Staff: 0.6 kg
Standard Accessories	Sensor, Staff, Cable, Harness, Carrying Case, Manual
Shipping Weight	Approximately 9.5 kg
Optional Accessory	Cold weather battery pack.

APPENDIX V

VLF-EM Raw Data

EM 16 V.L.F. Survey
Shado-Hall-Bon Claims Group
for Miranco Mines Inc.
November 19-26th, 1988

Nov. 19 1988 — Hall-Shado Claims

Line	Station	inphaze%	quadrature	filter
26N	30+00E	-48	-2	
	29+75	-52	-5	
	29+50	-48	0	
	29+25	-35	0	
	29+00	-31	-6	
	28+75	-28	-9	
	28+50	-24	-10	
	28+25	-22	-10	
	28+00	-18	-10	
	27+75	-16	-11	
	27+50	-14	-8	
	27+25	-15	-8	
	27+00	-15	-6	
	26+75	-16	-6	
	26+50	-16	-4	
	26+25	-12	-2	
	26+00	-10	-2	
	25+75	-6	-1	
	25+50	-1	0	
	25+25	0	+1	
	25+00	+3	+2	
	24+75	+4	0	
	24+50	+3	-2	
	24+25	+2	-1	
	24+00	0	-4	
	23+75	-2	-4	
	23+50	+3	-4	
	23+25	+5	-3	

Line	Station	inphaze%	quadrature	filter
26N	23+00E	+8	-2	
	22+75	+9	-1	
	22+50	+8	-1	
	22+25	+8	0	
	22+00	+8	-1	
	21+75	+6	-2	
	21+50	+5	-2	
	21+25	+4	-3	
	21+00	+3	-2	
	20+75	+3	-1	
	20+50	0	-4	
	20+25	-6	-8	
	20+00	-7	-8	
24N	10+00E	-13	-18	
	9+75	-16	-15	
	9+50	-18	-14	
	9+25	-22	-14	
	9+00	-29	-14	
	8+75	-34	-15	
	8+50	-40	-14	
	8+25	-53	-16	
	8+00	-53	-16	
	7+75	-38	-10	
	7+50	-34	-8	
	7+25	-29	-8	
	7+00	-31	-10	
	6+75	-45	-14	
	6+50	-42	-10	

Nov 19 1988 — Hall-Shado Claims

Line	Station	in phaze %	quadrature	filter
24N	6+25E	-38	-8	
	6+00	-35	-10	
	5+75	-35	-8	
	5+50	-32	-10	
	5+25	-35	-12	
	5+00	-34	-12	
25N	4+50E	-24	-8	
	4+75	-33	-9	
	5+00	-48	-16	
	5+25	-40	-10	
	5+50	-42	-14	
	5+75	-38	-14	
	6+00	-31	-9	
	6+25	-48	-11	
	6+50	-53	-10	
	6+75	-52	-10	
	7+00	-47	-11	
	7+25	-41	-6	
	7+50	-47	-8	
	7+75	-54	-8	
	8+00	-57	-10	
	8+25	-46	-8	
	8+50	-36	-7	
	8+75	-33	-6	
	9+00	-29	-6	
	9+25	-29	-10	
	9+50	-27	-12	
	10+00	-26	-15	

Line	Station	in phaze %	quadrature	filter
27N	20+50	-8	-8	
	20+75	-6	-6	
	21+00	-2	-2	
	21+25	+4	0	
	21+50	+6	+2	
	21+75	+5	+3	
	22+00	+4	+2	
	22+25	+3	+1	
	22+50	+4	0	
	22+75	+5	-2	
	23+00	+4	-2	
	23+25	+5	-2	
	23+50	0	-2	
	23+75	+1	-3	
	24+00	+4	-3	
	24+25	+1	-4	
	24+50	+2	-4	
	24+75	+3	-2	
	25+00	+3	-2	
	25+25	+3	0	
	25+50	+4	0	
	25+75	+1	-1	
	26+00	-3	-1	
	26+25	+7	-2	
	26+50	-13	-2	
	26+75	-13	-2	
	27+00	-13	-2	
	27+25	-13	-4	

Nov. 19 1988 — Hall-Shado Claims

Line	Station	in phaze %	quadrature	filter
27N	27+50E	-13	-6	
	27+75	-11	-6	
	28+00	-12	-10	
	28+25	-15	-14	
	28+50	-12	-14	
	28+75	-11	-15	
	29+00	-8	-12	
	29+25	-16	-14	
	29+50	-23	-6	
	29+75	-45	-4	
	30+00	-70	-5	
	30+25	-67	-4	
	30+50	-48	0	
26N	10+00E	-35	-4	
	9+75	-33	+1	
	9+50	-37	+4	
	9+25	-36	+4	
	9+00	-45	+3	
	8+75	-58	-6	
	8+50	-60	-4	
	8+25	-57	-6	
	8+00	-53	-6	
	7+75	-55	-9	
	7+50	-50	-9	
	7+25	-55	-10	
	7+00	-51	-9	
	6+75	-41	-10	
	6+50	-36	-12	
26N	6+25E	-34	-16	
	6+00	-38	-14	
	5+75	-35	-14	
	5+50	-38	-14	
	5+25	-36	-14	
	5+00	-31	-16	

Nov. 20 1988

Line	Station	in phaze %	quadrature	filter
25N	20+00E	+8	-12	
	20+25	+12	-12	
	20+50	+14	-8	
	20+75	+15	-4	
	21+00	+13	-2	
	21+25	+7	-2	
	21+50	+6	0	
	21+75	+8	+2	
	22+00	+10	0	
	22+25	+11	-2	
	22+50	+13	-1	
	22+75	+13	+1	
	23+00	+11	0	
	23+25	+10	0	
	23+50	+9	0	
	23+75	+5	+1	
	24+00	+4	+1	
	24+25	+3	+1	
	24+50	+2	+2	
	24+75	+1	+3	
	25+00	-2	+3	

Nov. 20 1988

Hall-Shado Claims

Line	Station	inphaze %	quadrature	filter
2SN	25+25E	-5	+1	
	25+50	-9	0	
	25+75	-13	0	
	26+00	-21	-4	
	26+25	-26	-7	
	26+50	-23	-7	
	26+75	-24	-7	
	27+00	-17	-4	
	27+25	-14	-2	
	27+50	-14	-1	
	27+75	-16	-1	
	28+00	-19	-1	
	28+25	-23	+1	
	28+50	-22	+4	
	28+75	-37	-2	
	29+00	-35	+1	
	29+25	-35	+2	
	29+50	-34	+3	
	29+75	-37	+1	
	30+00	-37	0	
	30+25	-35	0	
	30+50	-35	-6	
	30+75	-29	-4	
	31+00	-23	-2	
	31+25	-26	-2	
	31+50	-22	+1	
	31+75	-21	+1	
	32+00	-21	+2	

Line	Station	inphaze %	quadrature	filter
2SN	32+25E	-25	0	
	32+50	-27	-1	
	32+75	-31	-4	
	33+00	-36	-6	
	33+25	-38	-8	
	33+50	-38	-10	
	33+75	-31	-4	
	34+00	-29	-2	
	34+25	-26	-2	
	34+50	-21	-1	
	34+75	-24	-1	
	35+00	-26	-2	
	35+25	-17	0	
	35+50	-15	-2	
	35+75	-18	-6	
	36+00	-15	-6	
	36+25	-13	-6	
	36+50	-11	-4	
	36+75	-12	-5	
	37+00	-16	-4	
	37+25	-13	-3	
	37+50	-12	-2	
	37+75	-12	+2	
	38+00	-15	+4	
	38+25	-36	-8	
	38+50	-39	-8	
	38+75	-38	-6	
	39+00	-35	-1	

Nov. 20 1988 — Hall-Shado Claims

Line	Station	inphaze %	quadrature	filter
25N	39+25E	-36	0	
	39+50	-48	-1	
24N	39+50	-45	-6	
	39+25	-43	-4	
	39+00	-32	+3	
	38+75	-31	+1	
	38+50	-35	-3	
	38+25	-37	-6	
	38+00	-36	-7	
	37+75	-20	+1	
	37+50	-11	+4	
	37+25	-9	+3	
	37+00	-9	+2	
	36+75	-10	+1	
	36+50	-10	-1	
	36+25	-10	-1	
	36+00	-13	-2	
	35+75	-14	-2	
	35+50	-17	-4	
	35+25	-16	-2	
	35+00	-20	-4	
	34+75	-17	0	
	34+50	-17	0	
	34+25	-20	0	
	34+00	-22	-1	
	33+75	-24	-1	
	33+50	-34	-4	
	33+25	-42	-10	

Line	Station	inphaze %	quadrature	filter
24N	33+00E	-32	-6	
	32+75	-30	-6	
	32+50	-30	-6	
	32+25	-27	-2	
	32+00	-23	+1	
	31+75	-16	+4	
	31+50	-23	+2	
	31+25	-25	-2	
	31+00	-28	-2	
	30+75	-41	-7	
	30+50	-50	-12	
	30+25	-36	-6	
	30+00	-27	-3	
	29+75	-31	-5	
	29+50	-36	-7	
	29+25	-40	-8	
	29+00	-40	-8	
	28+75	-31	-5	
	28+50	-34	-6	
	28+25	-25	-4	
	28+00	-25	-4	
	27+75	-20	-6	
	27+50	-20	-6	
	27+25	-15	-5	
	27+00	-10	-4	
	26+75	-16	-8	
	26+50	-20	-8	
	26+25	-30	-10	

Nov. 20 1988 — Hall-Shado Claims

Line	Station	inphaze %	quadrature	filter
24N	26+00E	-31	-11	
	25+75	-31	-10	
	25+50	-23	-8	
	25+25	-21	-8	
	25+00	-17	-10	
	24+75	-18	-10	
	24+50	-3	-4	
	24+25	0	-6	
	24+00	-1	-9	
	23+75	+15	0	
	23+50	+13	-2	
	23+25	+20	-4	
	23+00	+17	-5	
	22+75	+27	-5	
	22+50	+37	-12	
	22+25	+22	-12	
	22+00	+16	-12	
	21+75	+12	-15	
	21+50	+12	-9	
	21+25	+14	-12	
	21+00	+21	-8	
	20+75	+24	-2	
	20+50	+22	-6	
	20+25	+20	-5	
	20+00	+11	-5	
Nov. 22 1988				
23N	20+00E	0	-7	
	20+25	Station Problems		

Line	Station	inphaze %	quadrature	filter
23N	20+50E	Station Problems		
	20+75	-3	-42	
	21+00	+10	-30	
	21+25	+8	-26	
	21+50	+3	-25	
	21+75	+5	-28	
	22+00	+13	-30	
	22+25	+17	-20	
	22+50	0	-16	
	22+75	-2	-16	
	23+00	-5	-13	
	23+25	-24	-14	
	23+50	-27	-18	
	23+75	-22	-17	
	24+00	-13	-12	
	24+25	-30	-14	
	24+50	-33	-12	
	24+75	-23	-6	
	25+00	-26	-7	
	25+25	-31	-10	
	25+50	-33	-10	
	25+75	-29	-10	
	26+00	-29	-12	
	26+25	-20	-10	
	26+50	-21	-7	
	26+75	-25	-8	
	27+00	-24	-8	
	27+25	-21	-5	

Nov. 22 1988 — Hall-Shado Claims

Line	Station	in phaze %	quadrature	filter
23N	27+50E	-26	-5	
	27+75	-33	-8	
	28+00	-30	-6	
	28+25	-41	-8	
	28+50	-37	-10	
	28+75	-35	-8	
	29+00	-42	-8	
	29+25	-44	-9	
	29+50	-46	-14	
22N	29+75	-32	-5	
	29+50	-33	-4	
	29+25	-34	-2	
	29+00	-27	-2	
	28+75	-28	-4	
	28+50	-32	-10	
	28+25	-39	-12	
	28+00	-30	-6	
	27+75	-28	-8	
	27+50	-33	-8	
	27+25	-29	-5	
	27+00	-28	-6	
	26+75	-16	-4	
	26+50	-17	-5	
	26+25	-30	-9	
	26+00	-37	-10	
	25+75	-43	-10	
	25+50	-44	-10	
	25+25	-40	-6	

Line	Station	in phaze %	quadrature	filter
22N	25+00E	-32	-6	
	24+75	-47	-12	
	24+50	-26	-6	
	24+25	-17	-2	
	24+00	-17	-4	
	23+75	-24	-9	
	23+50	-27	-13	
	23+25	-27	-12	
	23+00	-18	-6	
	22+75	-15	-7	
	22+50	0	-4	
	22+25	+19	-10	
	22+00	+10	-10	
	21+75	+12	-2	
	21+50	+15	0	
	21+25	+11	-1	
	21+00	+12	-1	
	20+75	+6	-4	
	20+50	+4	-4	
	20+25	+6	-4	
	20+00	+6	-4	
22+50N	20+00E	+2	-2	
	20+25	+2	-2	
	20+50	+5	-4	
	20+75	+8	0	
	21+00	+15	+2	
	21+25	+14	+2	
	21+50	+15	-1	

Hall-Shado Claims

Nov. 22 1988

Line	Station	inphaze%	quadrature	filter
22+50N	21+75E	+13	-2	
	22+00	+15	-6	
	22+25	+20	-6	
	22+50	+16	0	
	22+75	-7	-6	
	23+00	+2	-3	
	23+25	-18	-10	
	23+50	-24	-10	
	23+75	-22	-14	
	24+00	-18	-11	
	24+25	-11	-6	
	24+50	-39	-14	
	24+75	-35	-9	
	25+00	-30	-5	
21+50N	24+00	-15	-8	
	23+75	-17	-8	
	23+50	-21	-12	
	23+25	-27	-14	
	23+00	-35	-17	
	22+75	-30	-15	
	22+50	-25	-11	
	22+25	-8	-8	
	22+00	+7	-14	
	21+75	+2	-20	
	21+50	-1	-16	
	21+25	0	-10	
	21+00	0	-8	
	20+75	-3	-10	

Line	Station	inphaze%	quadrature	filter
21+50N	20+50E	-4	-9	
	20+25	-2	-6	
	20+00	0	-6	
	Nov. 23 1988			
21N	20+00E	+1	-6	
	20+25	-3	-6	
	20+50	-5	-7	
	20+75	-5	-9	
	21+00	-4	-9	
	21+25	-4	-14	
	21+50	0	-13	
	21+75	-2	-11	
	22+00	-10	-10	
	22+25	-15	-8	
	22+50	-30	-16	
	22+75	-30	-16	
	23+00	-32	-14	
	23+25	-27	-12	
	23+50	-17	-9	
	23+75	-16	-2	
	24+00	-35	-6	
	24+25	-47	-12	
	24+50	-44	-12	
	24+75	-45	-14	
	25+00	-44	-12	
	25+25	-39	-12	
	25+50	-35	-12	
	25+75	-27	-10	

Hall-Shado Claims

Nov. 23 1988

Line	Station	inphaze %	quadrature	filter
21N	26+00E	-29	-6	
	26+25	-20	-6	
	26+50	-22	-10	
	26+75	-21	-7	
	27+00	-28	-8	
	27+25	-24	-8	
	27+50	-29	-8	
	27+75	-28	-8	
	28+00	-33	-10	
	28+25	-29	-6	
	28+50	-30	-5	
	28+75	-30	-1	
	29+00	-27	-3	
	29+25	-31	-7	
20N	28+75	-18	-6	
	28+50	-15	-6	
	28+25	-11	-8	
	28+00	-11	-9	
	27+75	-9	-9	
	27+50	-11	-9	
	27+25	-15	-12	
	27+00	-17	-12	
	26+75	-18	-10	
	26+50	-14	-4	
	26+25	-18	-6	
	26+00	-18	-8	
	25+75	-20	-2	
	25+50	-18	-5	

Line	Station	inphaze %	quadrature	filter
20N	25+25N	-22	-7	
	25+00	-31	-8	
	24+75	-31	-8	
	24+50	-36	-10	
	24+25	-41	-11	
	24+00	-48	-15	
	23+75	-31	-7	
	23+50	-20	0	
	23+25	-27	-7	
	23+00	-26	-6	
	22+75	-19	-3	
	22+50	-17	-6	
	22+25	-21	-9	
	22+00	-5	-1	
	21+75	-9	-10	
	21+50	+16	-1	
	21+25	+8	-7	
	21+00	+7	-5	
	20+75	+7	-6	
	20+50	+8	-5	
	20+25	+9	-7	
	20+00	+7	-8	
20+50N	20+00	+10	-4	
	20+25	+9	-4	
	20+50	+8	-3	
	20+75	+8	-2	
	21+00	+8	-2	
	21+25	+9	-4	

Nov. 23 1988 — Hall-Shado Claims — Nov. 25 1988

Line	Station	inphaze %	quadrature	filter
20+50N	21+50E	+10	-4	
	21+75	+5	+1	
	22+00	-9	-6	
	22+25	-8	-2	
	22+50	-22	-11	
	22+75	-22	-9	
	23+00	-23	-6	
	23+25	-21	-5	
	23+50	-15	0	
	23+75	-23	-1	
	24+00	-40	-8	
19+50N	24+00E	-51	-15	
	23+75	-32	-7	
	23+50	-21	-6	
	23+25	-30	-10	
	23+00	-20	-4	
	22+75	-24	-6	
	22+50	-17	-8	
	22+25	-8	-1	
	22+00	-4	0	
	21+75	-6	-4	
	21+50	+2	-4	
	21+25	+4	-7	
	21+00	+3	-6	
	20+75	+2	-8	
	20+50	+5	-8	
	20+25	+8	-8	
	20+00	+5	-7	

Line	Station	inphaze %	quadrature	filter
19N	20+00E	-16	-17	
	20+25	-8	-20	
	20+50	+1	-14	
	20+75	+3	-12	
	21+00	+2	-14	
	21+25	-4	-20	
	21+50	-2	-17	
	21+75	-10	-18	
	22+00	-4	-18	
	22+25	-4	-12	
	22+50	+1	-7	
	22+75	0	-4	
	23+00	-14	-10	
	23+25	-24	-16	
	23+50	-20	-12	
	23+75	-28	-11	
	24+00	-32	-11	
	24+25	-31	-10	
	24+50	-27	-10	
	24+75	-22	-10	
	25+00	-16	-9	
	25+25	-10	-8	
	25+50	-6	-6	
	25+75	-8	-8	
	26+00	-9	-8	
	26+25	-10	-8	
	26+50	-10	-9	
	26+75	-10	-12	

Nov 23 1988 — Hall-Shado Claims

Line	Station	in phaze %	quadrature	filter
19N	27+00E	-9	-12	
	27+25	-6	-12	
	27+50	0	-10	
	27+75	-2	-9	
	28+00	-8	-8	
	28+25	-12	-8	
	28+50	-13	-6	
	28+75	-5	-1	
	29+00	-3	0	
	29+25	-4	0	
	29+50	-6	0	
	29+75	-6	+2	
	30+00	-8	+9	
18N	30+00E	-11	+2	
	29+75	-5	+4	
	29+50	-1	+3	
	29+25	-3	0	
	29+00	-4	-3	
	28+75	-5	-2	
	28+50	-5	-3	
	28+25	-6	-5	
	28+00	-1	-7	
	27+75	-2	-7	
	27+50	+4	-6	
	27+25	+4	-10	
	27+00	+2	-11	
	26+75	0	-11	
	26+50	-3	-10	

Line	Station	in phaze %	quadrature	filter
18N	26+25E	-7	-11	
	26+00	-11	-11	
	25+75	-14	-13	
	25+50	-7	-9	
	25+25	-2	-6	
	25+00	-3	-6	
	24+75	-10	-10	
	24+50	-14	-10	
	24+25	-17	-8	
	24+00	-19	-7	
	23+75	-14	-3	
	23+50	-7	-3	
	23+25	-10	-8	
	23+00	-2	-4	
	22+75	+3	0	
	22+50	+3	+1	
	22+25	-1	-1	
	22+00	-4	-2	
18+50N	20+00E			
	20+25	-16	-13	
	20+50	-13	-14	
	20+75	-5	-13	
	21+00	-3	-12	
	21+25	+7	-12	
	21+50	+1	-8	
	21+75	-1	-6	
	22+00	-1	-4	
	22+25	+1	-1	

Nov. 25 1988 — Hall-Shado Claims

Line	Station	inphaze %	quadrature	filter
18+50N	22+50E	+3	+1	
	22+75	+5	+2	
	23+00	-3	-2	
	23+25	-14	-8	
	23+50	-13	-5	
	23+75	-17	-5	
	24+00	-26	-5	
22+50N	20+00E	+2	-5	
23N	20+00E	0	-7	
	19+75	+2	-8	
	19+50	-3	-10	
	19+25	-12	-14	
	19+00	-26	-17	
	18+75	-33	-19	
	18+50	-27	-17	
	18+25	-23	-16	
	18+00	-23	-16	
	17+75	-20	-10	
	17+50	-20	-10	
	17+25	-23	-8	
	17+00	-25	-8	
	16+75	-29	-5	
	16+50	-38	-3	
	16+25	-34	-4	
	16+00	-29	-1	
	15+75	-28	-3	
	15+50	-23	-4	
	15+25	-19	-3	
23N	15+00E	-24	-8	
22N	20+00E	+5	-4	
21+50N	20+00E	+6	-3	
21N	20+00E	+8	-4	
20+50N	20+00E	+11	-5	

Nov. 26 1988

Line	Station	inphaze %	quadrature	filter
17N	40+00E			
	39+75			
	39+50			
	39+25			
	39+00	-30	-8	
	38+75	-25	-6	
	38+50	-21	-4	
	38+25	-20	-4	
	38+00	-17	-4	
	37+75	-15	-3	
	37+50	-12	-2	
	37+25	-11	-1	
	37+00	-11	-1	
	36+75	-11	+1	
	36+50	-14	-3	
	36+25	-15	-5	
	36+00	-16	-6	
	35+75	-15	-6	
	35+50	-15	-5	
	35+25	-11	-4	
	35+00	-12	-4	
	34+75	-10	-5	

Nov 26 1988 — Hall-Shado Claims

Line	Station	in phaze ℄	quadrature	filter
17N	34+50E	-9	-5	
	34+25	-8	-6	
	34+00	-7	-6	
	33+75	-7	-7	
	33+50	-12	-10	
	33+25	-12	-10	
	33+00	-15	-10	
	32+75	-19	-11	
	32+50	-21	-11	
	32+25	-21	-10	
	32+00	-21	-10	
	31+75	-15	-4	
	31+50	-11	0	
	31+25	-12	+1	
	31+00	-12	0	
	30+75	-18	-3	
	30+50	-28	-6	
	30+25	-27	-6	
	30+00	-27	-4	
	29+75	-27	-4	
18N	30+00	-16	+3	
	30+25	-18	+3	
	30+50	-17	+3	
	30+75	-19	+1	
	31+00	-18	+1	
	31+25	-14	+1	
	31+50	-12	+2	
	31+75	-10	+3	

Line	Station	in phaze ℄	quadrature	filter
18N	32+00E	-17	-1	
	32+25	-28	-7	
	32+50	-21	-6	
	32+75	-24	-8	
	33+00	-27	-12	
	33+25	-24	-12	
	33+50	-28	-12	
	33+75	-20	-12	
	34+00	-17	-10	
	34+25	-15	-9	
	34+50	-14	-8	
	34+75	-13	-7	
	35+00	-16	-7	
	35+25	-15	-6	
	35+50	-15	-5	
	35+75	-17	-6	
	36+00	-19	-7	
	36+25	-22	-8	
	36+50	-18	-4	
	36+75	-15	-3	
	37+00	-12	-2	
	37+25	-12	-2	
	37+50	-14	-3	
	37+75	-15	-4	
	38+00	-18	-4	
	38+25	-26	-7	
	38+50	-25	-7	
	38+75	-27	-7	
	39+25	-31	-8	

APPENDIX VI

Statement of Costs

STATEMENT OF COSTS

Grid Preparation (50.3 km @ $430/km)	$21,629.00
Magnetometer Survey (31 km @ $200/km)	6,200.00
V.L.F. Survey (19 km @ $200/km)	3,800.00
Geochemical Analyses 56 Rocks 13 silts 1200 soils	17,349.00
Consumable Field Equipment	2,964.00
Project Preparation 10 days @ $200.00/day	2,000.00
Mobilization/Demobilization	2,585.00
Personnel: Project Junior Geologist (Jody Dahrouge, 14 days @ $250/day)	3,500.00
Project Senior Geologist (Robert Arnold, 1 day @ $375/day)	375.00
Vehicle Rental and Fuel (43 days @ $107/day)	4,601.00
Domicile 180 mandays @ $52.05/day	9,369.00
Report Compilation and Drafting	6,764.00
Project Management Fee @ 20%	16,227.20
TOTAL	**$ 97,363.20**

LEGEND

- 1 — Moyie Intrusive: green, grey weathered quartz diorite, diorite or metamorphosed equivalent.
- 2 — Aldridge Formation (middle division)
  - a) Green/grey weathered quartzite siltstone, argillite (undifferentiated)
  - b) Rusty
  - c) Quartzite, siltstone with argillic partings
  - d) Black/grey weathered graphitic argillite, argillite
  - e) Silicified phyllitic schist
- 3 — Creston Formation: green, grey, rusty weathered argillite, argillaceous quartzite, quartzite (undifferentiated)
- 4 — Migmatite
- 5 — Silicified/carbonatized "feeder zone", light grey weathered, quartz stockwork.
- Foliation
- Fault
- Quartz vein
- Py,Cpy — Mineralization
- Outcrop
- Contact
- Water course
- Sand
- Trail
- Contour (in feet)

0 250 500
METRES

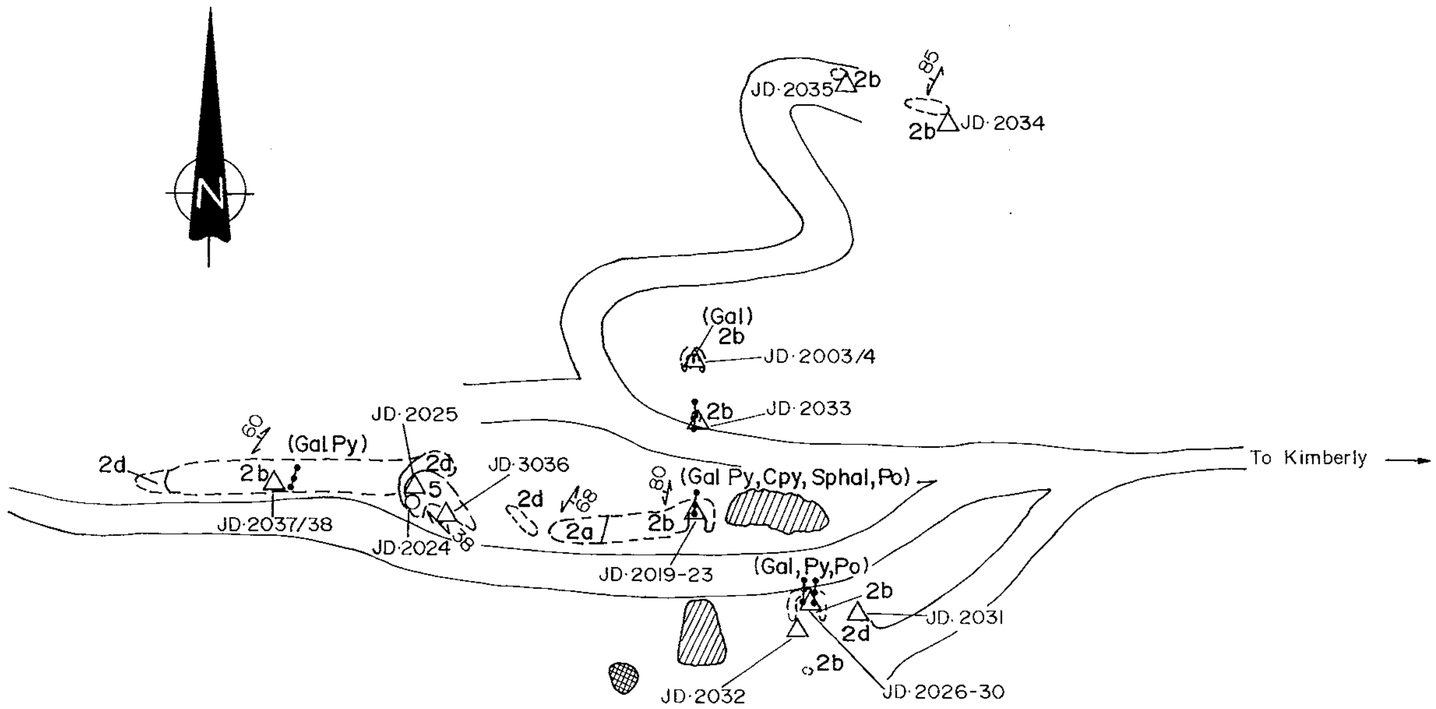
MIRANDCO MINES INC.

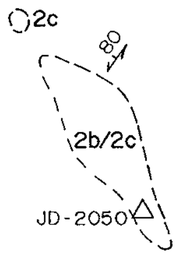
HALL, SHADO, BON CLAIMS

PROPERTY GEOLOGY MAP

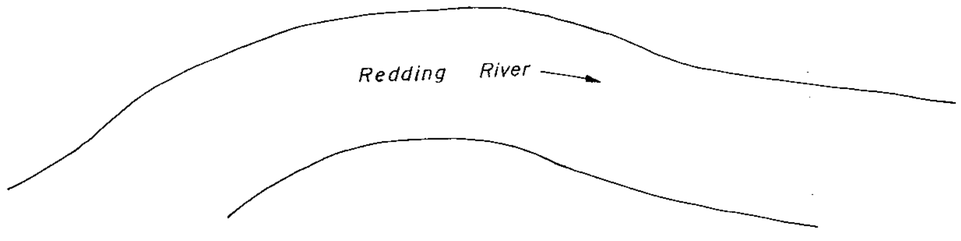
HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1:5000	N.T.S.: 82F/9W		FIGURE No: 4
DWN. BY: GeoGraphics	DATE: Dec. 1988		
CHKD. BY: H. GROND	PROJECT No: 88-BC-050		FILE No:





2c



1 Moyie Intrusive: green, grey weathered quartz diorite, diorite or metamorphosed equivalent.

2 Aldridge Formation (middle division)
a) Green/grey weathered quartzite siltstone, argillite (undifferentiated)
b) Rusty
c) Quartzite, siltstone with argillic partings
d) Black/grey weathered graphitic argillite, argillite
e) Silicified phyllitic schist

3 Creston Formation: green, grey, rusty weathered argillite, argillaceous quartzite, quartzite (undifferentiated)

4 Migmatite

5 Silicified/carbonatized "feeder zone", light grey weathered, quartz stockwork.

Fault

Quartz vein

Py,Cpy Mineralization

Outcrop

Contact

△ Grab/Chip sample

● Silt/Pan sample

○ Soil sample

For sample results, see Figure 6.

0 50 100
METRES

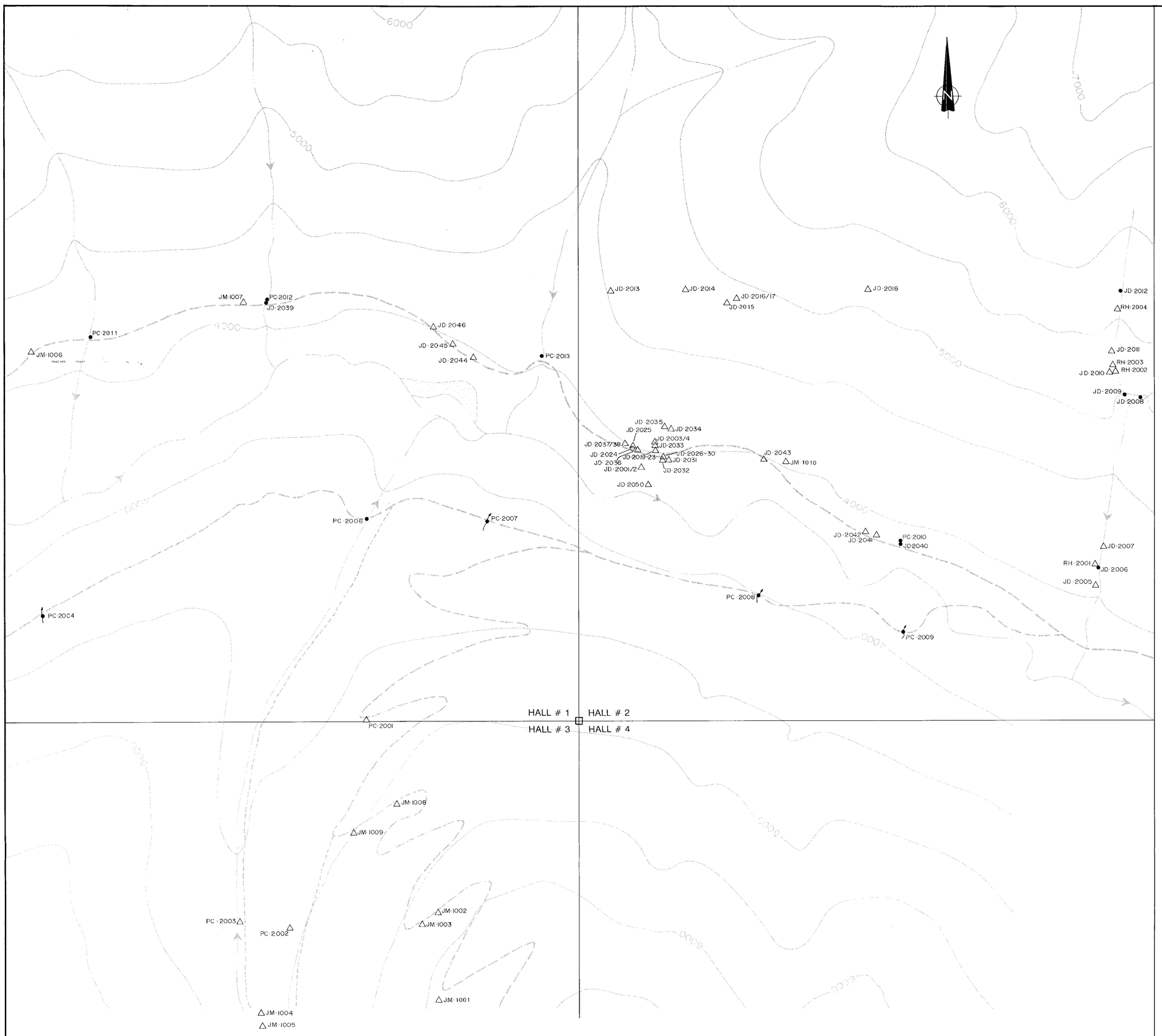
MIRANDCO MINES INC.

HALL, SHADO, BON CLAIMS

SHADO SHOWING
GEOLOGY PLAN

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1:1000	N.T.S.: 82F/9W	FIGURE No: 5	
DWN. BY: GeoGraphics	DATE: Dec. 1988		
CHKD. BY: H. GROND	PROJECT No: 88-BC-050	FILE No:	



ROCK AND SILT ANALYTICAL RESULTS

	GOLD PPB	SILVER PPM	LEAD PPM	ZINC PPM	COPPER PPM
2005 JD	3	0.0	8	36	127
2006 JD	3	0.7	50	96	82
2007 JD	3	0.0	24	33	21
2008 JD	3	0.8	42	131	53
2009 JD	3	0.7	35	100	88
2010 JD	3	0.0	24	40	118
2011 JD	3	0.0	10	39	71
2012 JD	3	0.0	17	70	56
2013 JD	3	0.0	18	42	5
2014 JD	3	0.0	3	25	4
2015 JD	3	4.0	462	27	27
2016 JD	3	0.0	44	10	4
2017 JD	3	4.3	2230	78	37
2018 JD	3	0.0	28	37	5
2019 JD	3	0.0	96	62	36
2020 JD	10	20.0	4000	2950	1050
2021 JD	20	20.0	4000	4000	1500
2022 JD	3	1.0	615	65	39
2023 JD	250	8.1	822	740	735
2024 JD	3	1.4	491	386	118
2025 JD	3	1.6	616	243	306
2026 JD	3	20.0	4000	224	322
2027 JD	3	0.6	298	66	229
2028 JD	3	0.3	295	149	79
2029 JD	3	8.2	4000	180	1080
2030 JD	3	1.6	632	49	320
2031 JD	3	12.4	4000	698	301
2032 JD	3	20.0	4000	755	1892
2033 JD	60	20.0	4000	4000	252
2034 JD	3	2.4	1120	147	76
2035 JD	3	0.3	241	74	8
2036 JD	40	19.6	4000	649	110
2037 JD	3	0.3	143	23	31
2038 JD	3	0.0	26	36	108
2039 JD	3	0.0	12	34	26
2040 JD	20	0.0	25	54	38
2041 JD	3	0.0	4	80	327
2042 JD	3	0.0	10	17	52
2043 JD	3	0.0	21	76	28
2044 JD	3	0.0	5	25	9
2045 JD	3	0.0	22	7	10
2046 JD	3	0.0	4	6	4
2050 JD	3	2.9	1380	116	22
1001 JM	3	0.0	43	50	6
1002 JM	3	0.0	17	34	2
1003 JM	3	0.0	45	18	6
1004 JM	3	0.0	29	17	10
1005 JM	3	0.0	27	54	15
1006 JM	3	0.0	8	17	6
1007 JM	3	0.0	9	85	136
1008 JM	3	0.0	5	14	9
1009 JM	3	0.0	3	32	38
1010 JM	3	0.0	44	168	76
2002 PC	3	0.0	18	17	9
2003 PC	3	0.0	40	33	25
2004 PC	3	0.0	12	30	3
2006 PC	4000	0.5	12	38	12
2007 PC	3	0.1	21	51	18
2008 PC	3	2.0	77	62	18
2009 PC	3	0.0	16	54	15
2010 PC	3	0.0	21	54	41
2011 PC	3	0.0	9	34	7
2012 PC	3	0.0	10	53	14
2013 PC ROCK	3	0.0	6	128	3
2001 RH	3	0.3	280	44	715
2002 RH	3	6.0	300	34	303
2003 RH	3	0.0	16	58	34
2004 RH	3	0.1	565	68	7
2150E GS 24N	3	0.1	5	44	2
40E GS 25N	3	0.1	4	132	76
40E 2 GS 25N	3	0.0	16	36	85
A	3	0.1	43	68	30
B	3	0.0	36	102	163
30+67E L25N (CR)	3	0.9	56	110	76
33+29E L24N SILT	3	0.5	39	126	104
4+02E L26N (SILT)	3	0.3	51	132	40
7+40E L26N (SILT)	3	0.5	109	278	55
9+00E L26N (SILT)	3	0.0	27	79	44
33+88E L26N SILT	3	0.3	45	161	96
20+00E L27N (SILT	3	0.0	30	71	41
34+60E L27N (SILT	3	0.3	69	114	148
0+50N CREEK SILT	3	0.0	5	49	9
2005 PC SILT	3	0.0	49	78	26
2013 PC SILT	660	0.0	26	62	38

SELECT ASSAY RESULTS

SAMPLE #	Au(opt)	Ag(opt)	Pb(%)	Zn(%)
JD 2020	-	8.75	14.9	-
JD 2021	-	30.90	58.6	1.47
JD 2026	-	4.37	9.15	-
JD 2029	-	-	.45	-
JD 2031	-	-	.59	-
JD 2032	-	1.85	1.98	-
JD 2033	-	24.50	53.90	2.17
JD 2036	-	-	.68	-
PC 2006	.314	-	-	-

△ Rock / Chip sample

● Silt / Pan sample

○ Soil sample

Water course

Sand

Track, trail

4000 Contour (in feet)

0 250 500
METRES

MIRANDCO MINES INC.

HALL, SHADO, BON CLAIMS

GEOCHEMISTRY and SAMPLE LOCATION MAP

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1 : 5,000	N.T.S.: 82F/9W	FIGURE No: 6	
DWN. BY: Geographics	DATE: Dec. 1988		
CHKD. BY: H. GROND	PROJECT No: 88-BC-050	FILE No:	

Station 0E ----
Station 50E ----
Station 100E ----
Station 150E ----
Station 200E ----
Station 250E ----
Station 300E ----
Station 350E ----
Station 400E ----
Station 450E ----
Station 500E ----
Station 550E ----
Station 600E ----
Station 650E ----
Station 700E ----
Station 750E ----
Station 800E ----
Station 850E ----
Station 900E ----
Station 950E ----
Station 1000E ----
Station 1050E ----
Station 1100E ----
Station 1150E ----
Station 1200E ----
Station 1250E ----
Station 1300E ----
Station 1350E ----
Station 1400E ----
Station 1450E ----
Station 1500E ----
Station 1550E ----
Station 1600E ----
Station 1650E ----
Station 1700E ----
Station 1750E ----
Station 1800E ----
Station 1850E ----
Station 1900E ----
Station 1950E ----
Station 2000E ----
Station 2050E ----
Station 2100E ----
Station 2150E ----
Station 2200E ----
Station 2250E ----
Station 2300E ----
Station 2350E ----
Station 2400E ----
Station 2450E ----
Station 2500E ----
Station 2550E ----
Station 2600E ----
Station 2650E ----
Station 2700E ----
Station 2750E ----
Station 2800E ----
Station 2850E ----
Station 2900E ----
Station 2950E ----
Station 3000E ----
Station 3050E ----
Station 3100E ----
Station 3150E ----
Station 3200E ----
Station 3250E ----
Station 3300E ----
Station 3350E ----
Station 3400E ----
Station 3450E ----
Station 3500E ----
Station 3550E ----
Station 3600E ----
Station 3650E ----
Station 3700E ----
Station 3750E ----
Station 3800E ----
Station 3850E ----
Station 3900E ----
Station 3950E ----
Station 4000E ----
Station 4050E ----

Line 3500N ----
Line 3100N ----
Line 3300N ----
Line 3000N ----
Line 2900N ----
Line 2800N ----
Line 2700N ----
Line 2650N ----
Line 2600N ----
Line 2550N ----
Line 2500N ----
Line 2400N ----
Line 2300N ----
Line 2250N ----
Line 2200N ----
Line 2150N ----
Line 2100N ----
Line 2050N ----
Line 2000N ----
Line 1950N ----
Line 1900N ----
Line 1850N ----
Line 1800N ----
Line 1750N ----
Line 1700N ----
Line 1600N ----

SCALE 1:5000

100 0 100 200 300

METERS

A DOT SIGNIFIES A GOLD VALUE BELOW 5 PPB AT THAT LOCATION

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,861

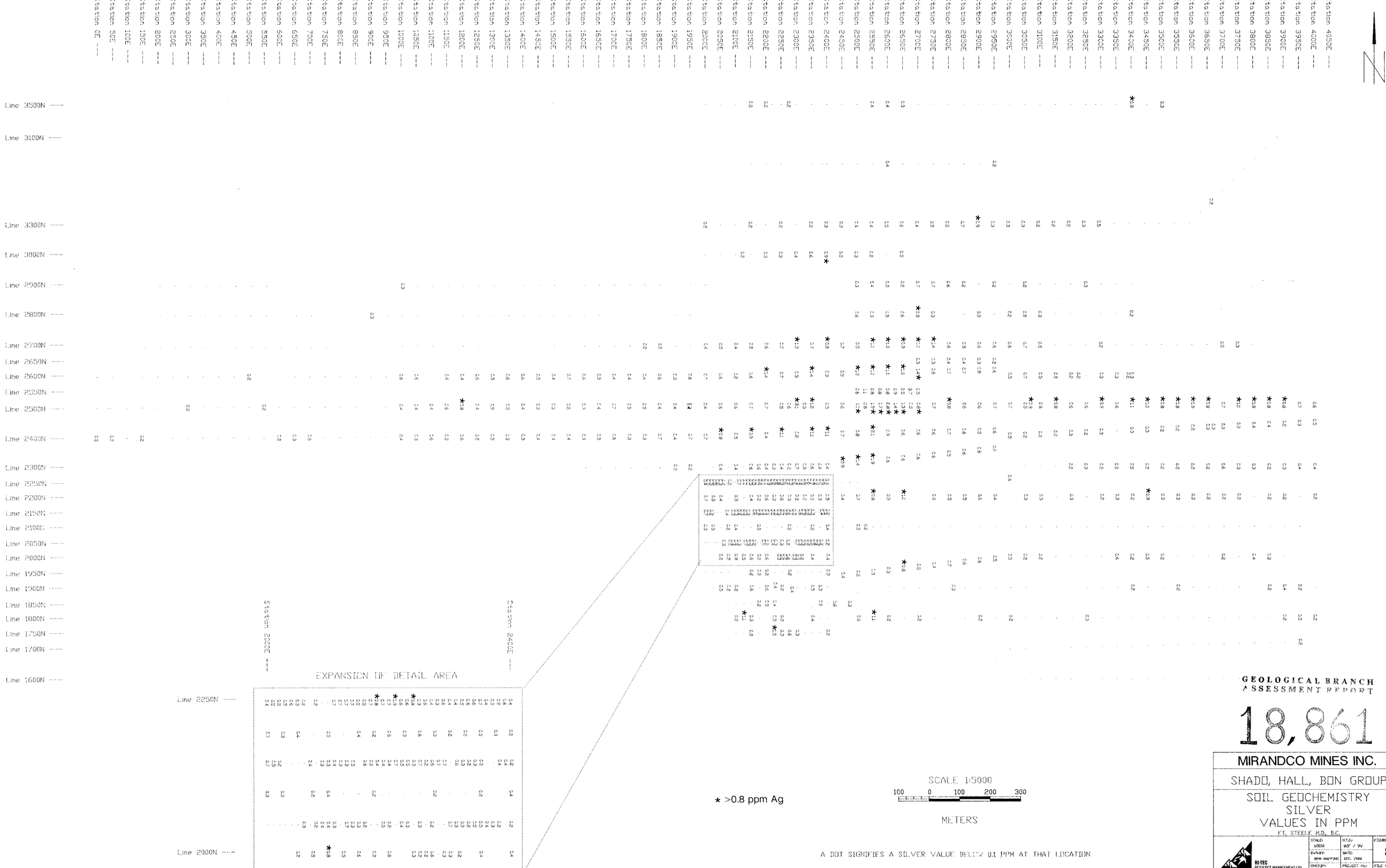
MIRANDCO MINES INC.

SHADO, HALL, BON GROUP

SOIL GEOCHEMISTRY
GOLD
VALUES IN PPB
FT. STEELE M.D., B.C.

HI-TEC RESOURCE MANAGEMENT LTD

SCALE: 1:5000	N.T.S.: 82F / 9W		FIGURE No: 7
DWN.BY: KPH MAPPING	DATE: DEC. 1988		
CHKD.BY: HG	PROJECT No.: 88BC058		FILE No.:



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,861

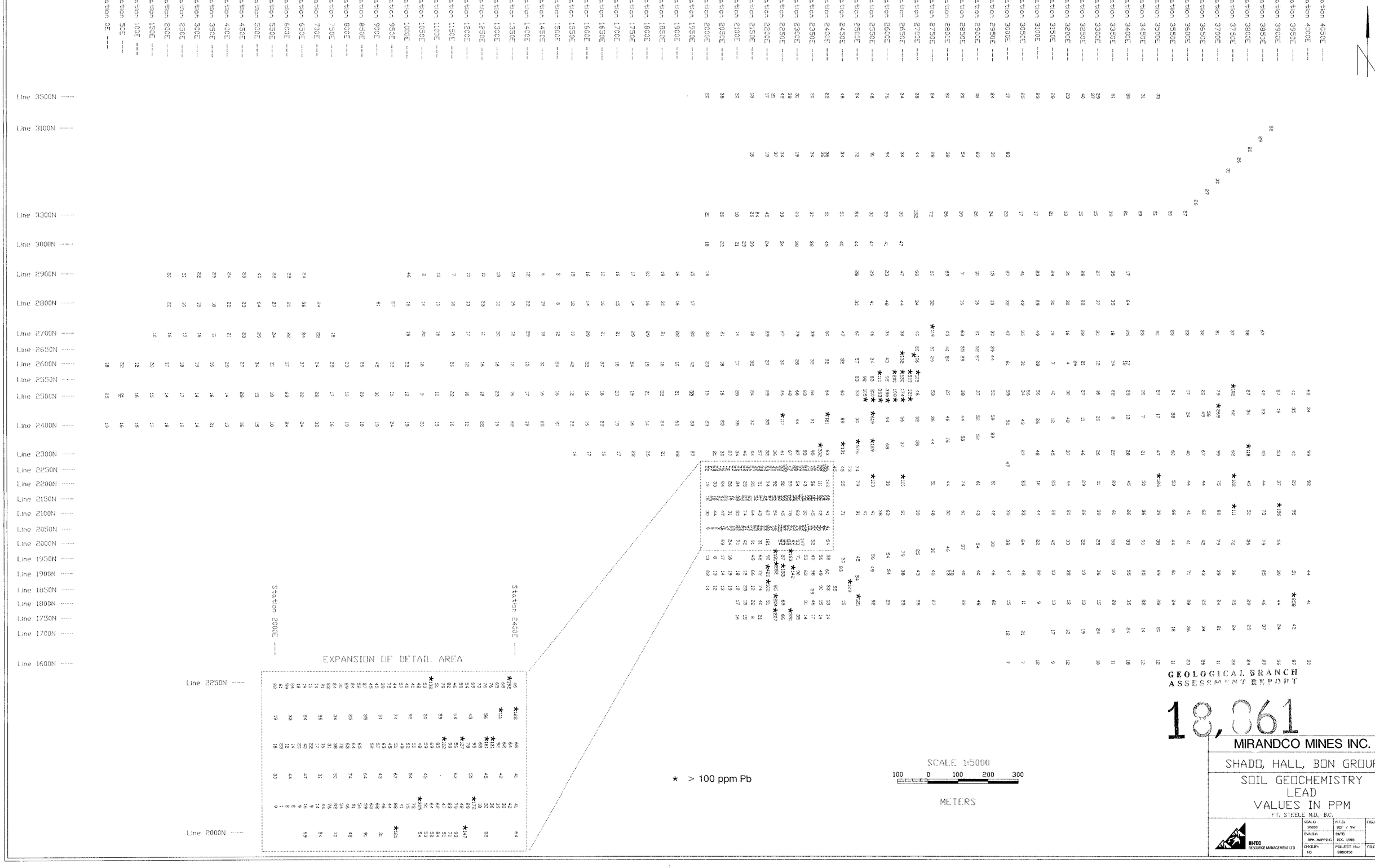
MIRANDCO MINES INC.

SHADO, HALL, BON GROUP

SOIL GEOCHEMISTRY
SILVER
VALUES IN PPM

FT. STEELE, M.D., B.C.

HI-TEC RESOURCE MANAGEMENT LTD	SCALE: 1:5000	N.T.S.: 82F / 9W	FIGURE No: 8
	DRAWN: RPM MAPPING	DATE: DEC. 1988	
	CHECKED: HG	PROJECT No: RB8008	FILE No:



★ > 100 ppm Pb

SCALE 1:5000

100 0 100 200 300

METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,061

MIRANDCO MINES INC.

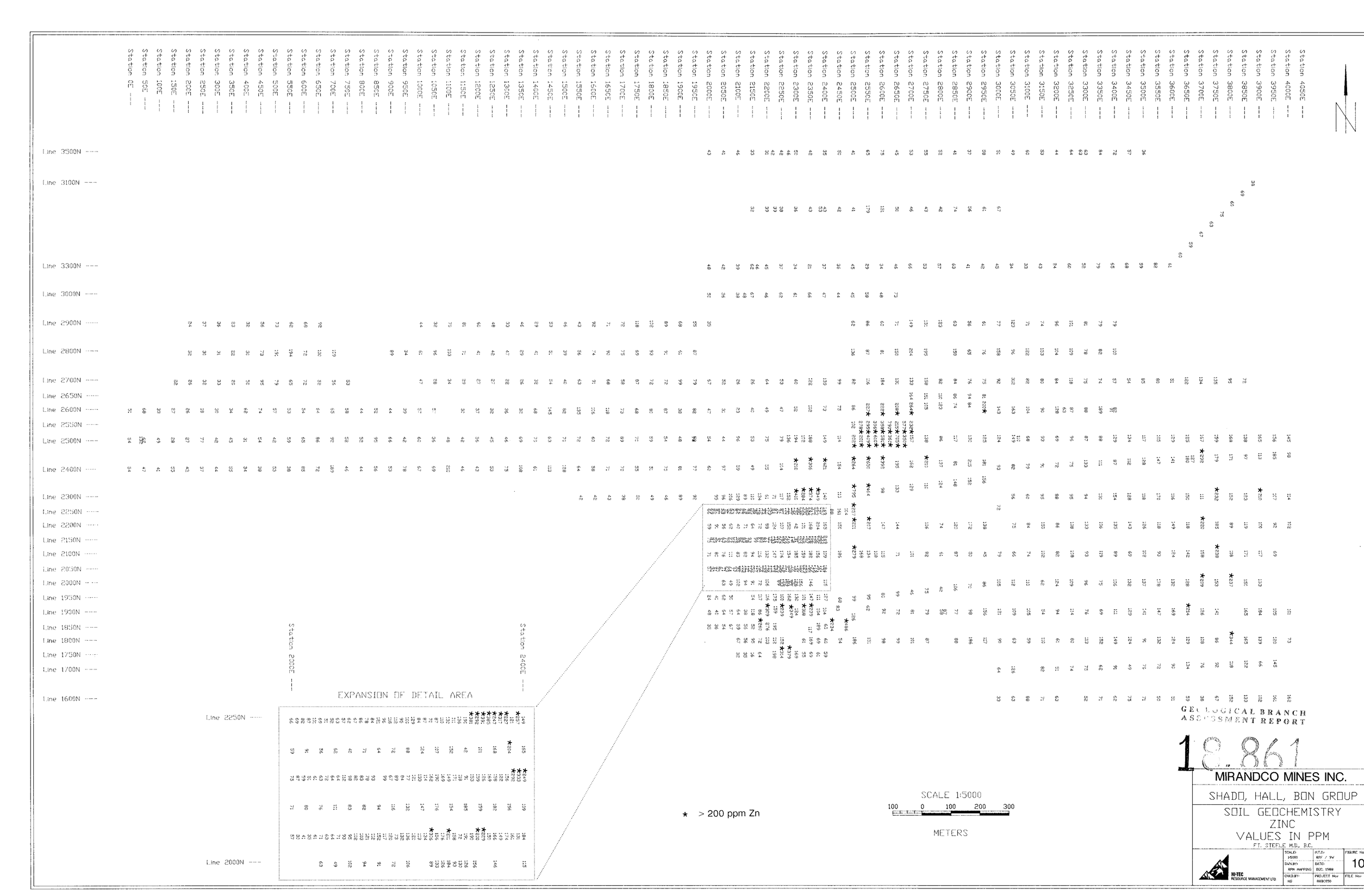
SHADD, HALL, BON GROUP

SOIL GEOCHEMISTRY
LEAD
VALUES IN PPM

FT. STEELE M.D., B.C.

HI-TEC RESOURCE MANAGEMENT LTD

SCALE: 1:5000	N.T.S.: 82F / 9W	FIGURE No: 9
DWN.BY: RPM MAPPING	DATE: DEC. 1988	
CHK.BY: HG	PROJECT No: 88BC056	FILE No:



★ > 200 ppm Zn

SCALE 1:5000

100 0 100 200 300

METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,861

MIRANDCO MINES INC.

SHADD, HALL, BON GROUP

SOIL GEOCHEMISTRY
ZINC
VALUES IN PPM
FT. STEELE, M.D., B.C.

NI-TEC RESOURCE MANAGEMENT LTD	SCALE: 1:5000	R.T.S.: RPP / PW	FIGURE No: 10
	DWN.BY: RPH MAPPING	DATE: DEC. 1988	
	CHK.BY: HG	PROJECT No: 88BC050	FILE No:

Station 4050E
Station 4000E
Station 3950E
Station 3900E
Station 3850E
Station 3800E
Station 3750E
Station 3700E
Station 3650E
Station 3600E
Station 3550E
Station 3500E
Station 3450E
Station 3400E
Station 3350E
Station 3300E
Station 3250E
Station 3200E
Station 3150E
Station 3100E
Station 3050E
Station 3000E
Station 2950E
Station 2900E
Station 2850E
Station 2800E
Station 2750E
Station 2700E
Station 2650E
Station 2600E
Station 2550E
Station 2500E
Station 2450E
Station 2400E
Station 2350E
Station 2300E
Station 2250E
Station 2200E
Station 2150E
Station 2100E
Station 2050E
Station 2000E
Station 1950E
Station 1900E
Station 1850E
Station 1800E
Station 1750E
Station 1700E
Station 1650E
Station 1600E
Station 1550E
Station 1500E
Station 1450E
Station 1400E
Station 1350E
Station 1300E
Station 1250E
Station 1200E
Station 1150E
Station 1100E
Station 1050E
Station 1000E
Station 950E
Station 900E
Station 850E
Station 800E
Station 750E
Station 700E
Station 650E
Station 600E
Station 550E
Station 500E
Station 450E
Station 400E
Station 350E
Station 300E
Station 250E
Station 200E
Station 150E
Station 100E
Station 50E
Station 0E

Line 3500N
Line 3100N
Line 3300N
Line 3000N
Line 2900N
Line 2800N
Line 2700N
Line 2650N
Line 2600N
Line 2550N
Line 2500N
Line 2400N
Line 2300N
Line 2250N
Line 2200N
Line 2150N
Line 2100N
Line 2050N
Line 2000N
Line 1950N
Line 1900N
Line 1850N
Line 1800N
Line 1750N
Line 1700N
Line 1600N

EXPANSION OF DETAIL AREA

Station 2000E
Station 2400E
Line 2250N
Line 2000N

★ > 100 ppm Cu

SCALE 1:5000

100 0 100 200 300

METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,861

MIRANDCO MINES INC.

SHADO, HALL, BON GROUP

SOIL GEOCHEMISTRY
COPPER
VALUES IN PPM

FT. STEELE M.D., B.C.

HN-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1:5000	N.T.S.: 82F / 9W	FIGURE No: 11
	DWN.BY: RPM MAPPING	DATE: DEC. 1988	
	CHK.BY: HG	PROJECT No: 88BC050	FILE No:

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,861

SCALE 1:2500

50 0 50 100 150

METERS

LEGEND

CONTOUR INTERVAL
200 GAMMAS

***** SIGNIFIES
ABNORMALLY HIGH MAG READING
DISCARDED FROM CONSIDERATION

MIRANDCO MINES INC.

SHADO, HALL, BON GROUP

MAGNETOMETER SURVEY
(EAST)
FT. STEELE M.D., B.C.

HI-TEC RESOURCE MANAGEMENT LTD	SCALE: 1:2500	N.T.S.: 82F / 9W	FIGURE No: 12a
	DRAWN: RPK	DATE: DEC. 1988	
	CHECKED: HS	PROJECT No: 88BC050	FILE No:

SCALE 1:2500

50 0 50 100 150

METERS

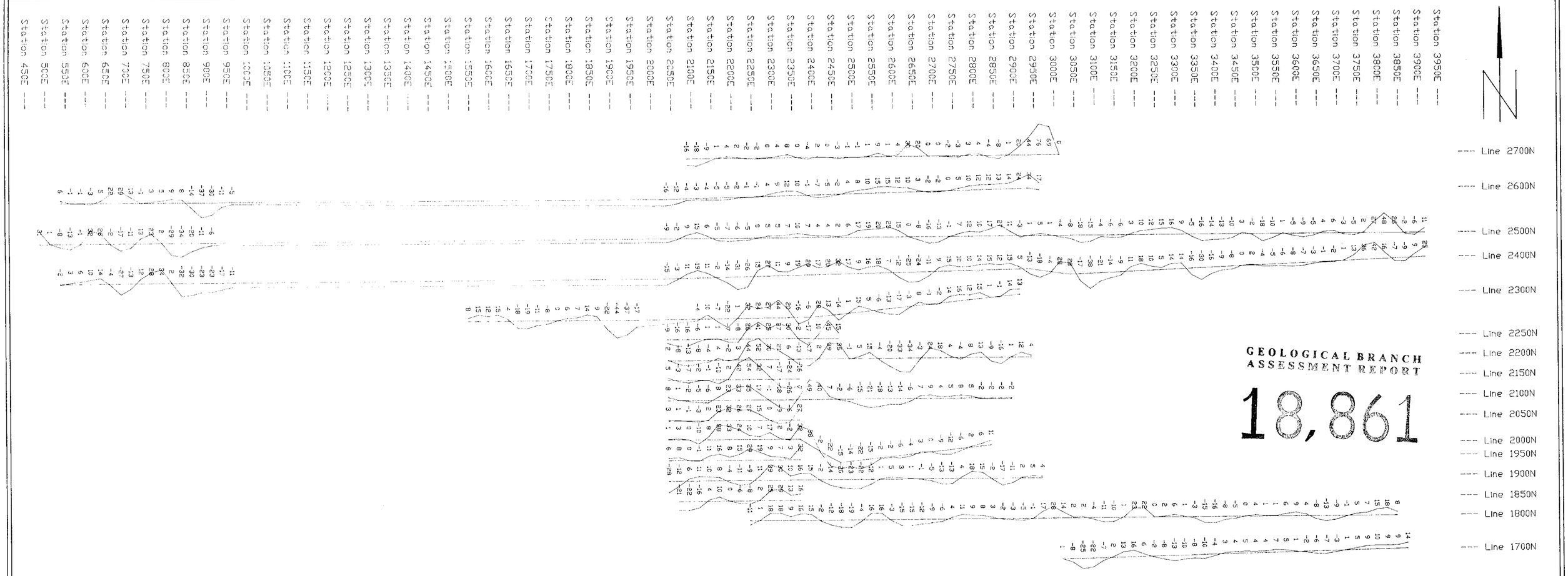
LEGEND

CONTOUR INTERVAL
200 GAMMAS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,861

MIRANDCO MINES INC.			
SHADD, HALL, BON GROUP			
MAGNETOMETER SURVEY (WEST)			
FT. STEELE M.D., B.C.			
HI-TEC RESOURCE MANAGEMENT LTD	SCALE: 1:2500	N.T.S.: 82F / 9W	FIGURE No: 12b
	DRAWN BY: RPM	DATE: DEC. 1988	
	CHKD BY: MG	PROJECT No: 88BC050	FILE No:



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,861

FRASER FILTERED INPHASE
AMPLITUDE SCALE

+50%
0%
-50%

SCALE 1:5000

100 0 100 200 300

METERS

MIRANDCO MINES INC.

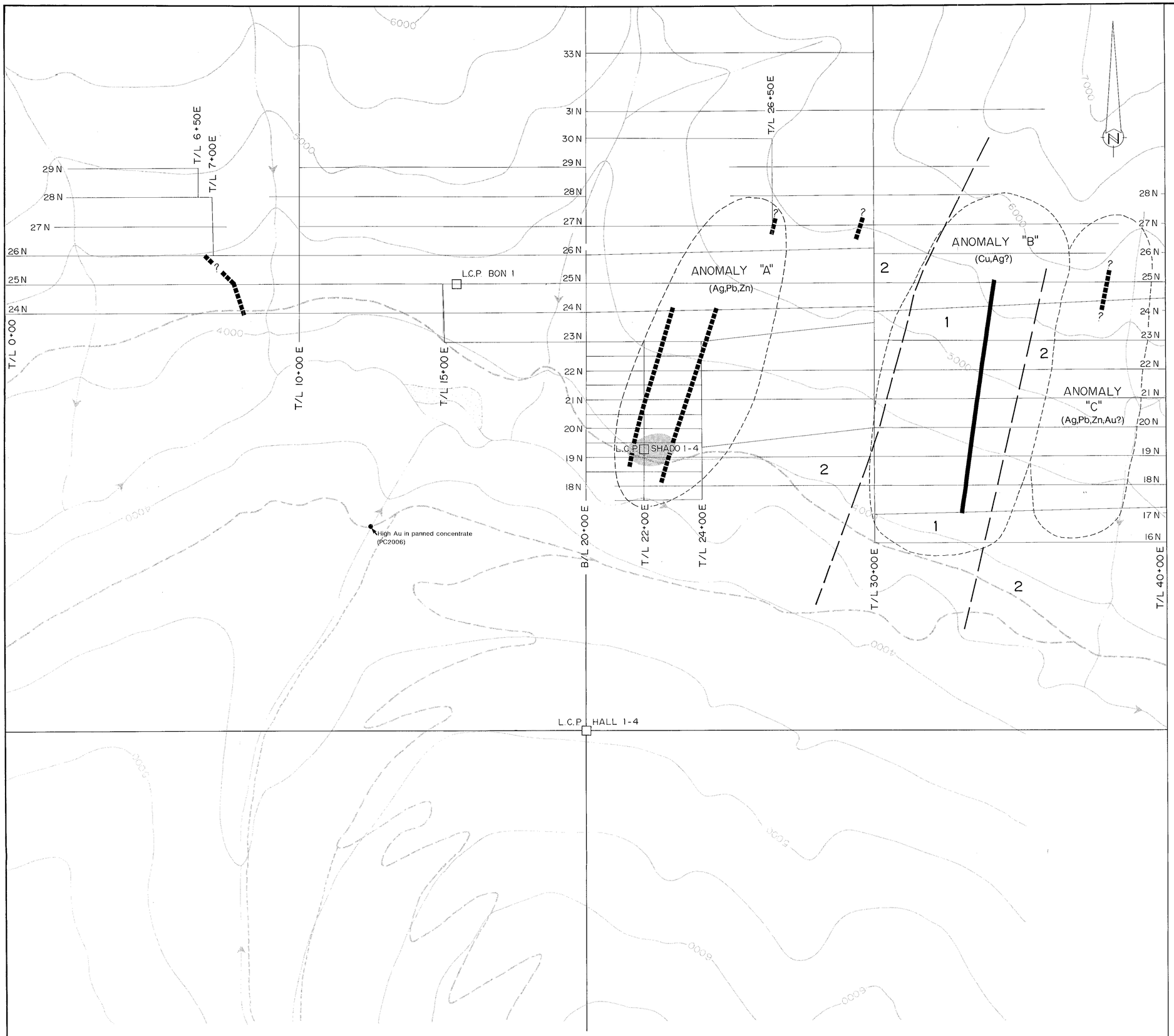
SHADD, HALL, BON CLAIMS

FRASER FILTERED INPHASE

FT. STEELE M.D., B.C.

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1:5000	N.T.S.: 82F / 9W	FIGURE No.: 13
DWN.BY: RPH	DATE: DEC. 1998	
CHK'D.BY: HG	PROJECT No.: 98BC050	FILE No.:



LEGEND

- 1 — Moyie intrusive (diorite)
- 2 — Aldridge formation
- Geologic contact (inferred)
- Axis of magnetic high
- V.L.F. conductor
- Soil geochemistry anomaly
- Rock geochemistry anomaly
- Water course
- Sand
- Track, trail
- 4000 — Contour (in feet)

0 100 200 300 400 500
METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT
18,861

MIRANDCO MINES INC.

HALL, SHADO, BON CLAIMS

COMPILATION MAP

HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE: 1 : 5000	N.T.S.: 82F/9W		FIGURE No: 14
DWN. BY: GeoGraphics	DATE: Jan. 1989		
CHKD. BY: H. GROND	PROJECT No.: 88-BC-050		FILE No: