GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE AMY-DEE PROPERTY,

ADAMS LAKE, B.C.
KAMLOOPS MINING DIVISION

NTS 82M/4E
Latitude: 51° 07' N.
Longitude: 119° 41' W.

For

Canova Resources Ltd.
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BY

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SUMMARY

Hi-Tec Resource Management Limited conducted a mineral exploration program on the Amy-Dee claim group in early summer, 1988. The Amy-Dee property is situated on the Adams Lake Plateau area of British Columbia, specifically, the west shore of Adams Lake, 31 kilometers east of Barriere, B.C. The claims are accessible by 4-wheel drive along a network of good logging roads.

The program consisted of a geological examination, geochemical rock sampling and soil sampling, and a geophysical program consisting of magnetometer and VLF-EM surveys. The surveys were carried out over a 33 kilometer grid in the north eastern part of the Amy-Dee mineral claim and on a smaller, 7 kilometer grid over the northwestern part of the property.

The Adams Lake Plateau area of British Columbia has a history of prospecting and mineral exploration dating back to the early 1900's. Precious metal and base metal showings have been found in many locations throughout the region since that time. A significant precious metals discovery has been made recently on the Minova/Rea Gold property, located 3.5 kilometers from the Amy-Dee claim group. This property has been identified as a stratabound massive sulfide zone with unusually high grade silver as well as galena, sphalerite, tetrahedrite and chalcopyrite. Previously estimated reserves include 1.1 million tons grading 0.042 oz Au/ton, 21.2 oz Ag/ton, 2.89% Zn, 3.2% Pb and 1.2% Cu. Recent work by Minova (March 1988), revealed weighted average results across 10.5 meters of apparent

width of .32 oz Au/ton, 2.8 oz Ag/ton, and 8.85% combined lead-zinc.

Past work on the Amy-Dee property (1982) resulted in the discovery of a sphalerite bearing unit which was exposed by surface trenches and encountered in a drill hole across 130 meters. Further exploration efforts along strike to the west, and down dip were recommended.

The property lies within the Omineca Belt, and is underlain by rocks of the late Devonian-early Mississippian Eagle Bay Formation. The Eagle Bay Formation is a stratigraphically complex unit consisting of chloritic and sericitic phyllite, limestone, quartzite, mica schist, argillite and minor conglomerate. The Eagle Bay Formation is host to the various precious metal occurrences in the area, including the Rea Gold, Homestake and Minova deposits.

The recent geochemical, geological and geophysical program was designed to test the potential of a number of airborne geophysical anomalies. Several combined geochemical and geophysical targets were generated by this program. Follow-up trenching, detailed sampling and preliminary drilling is recommended to further test these targets.

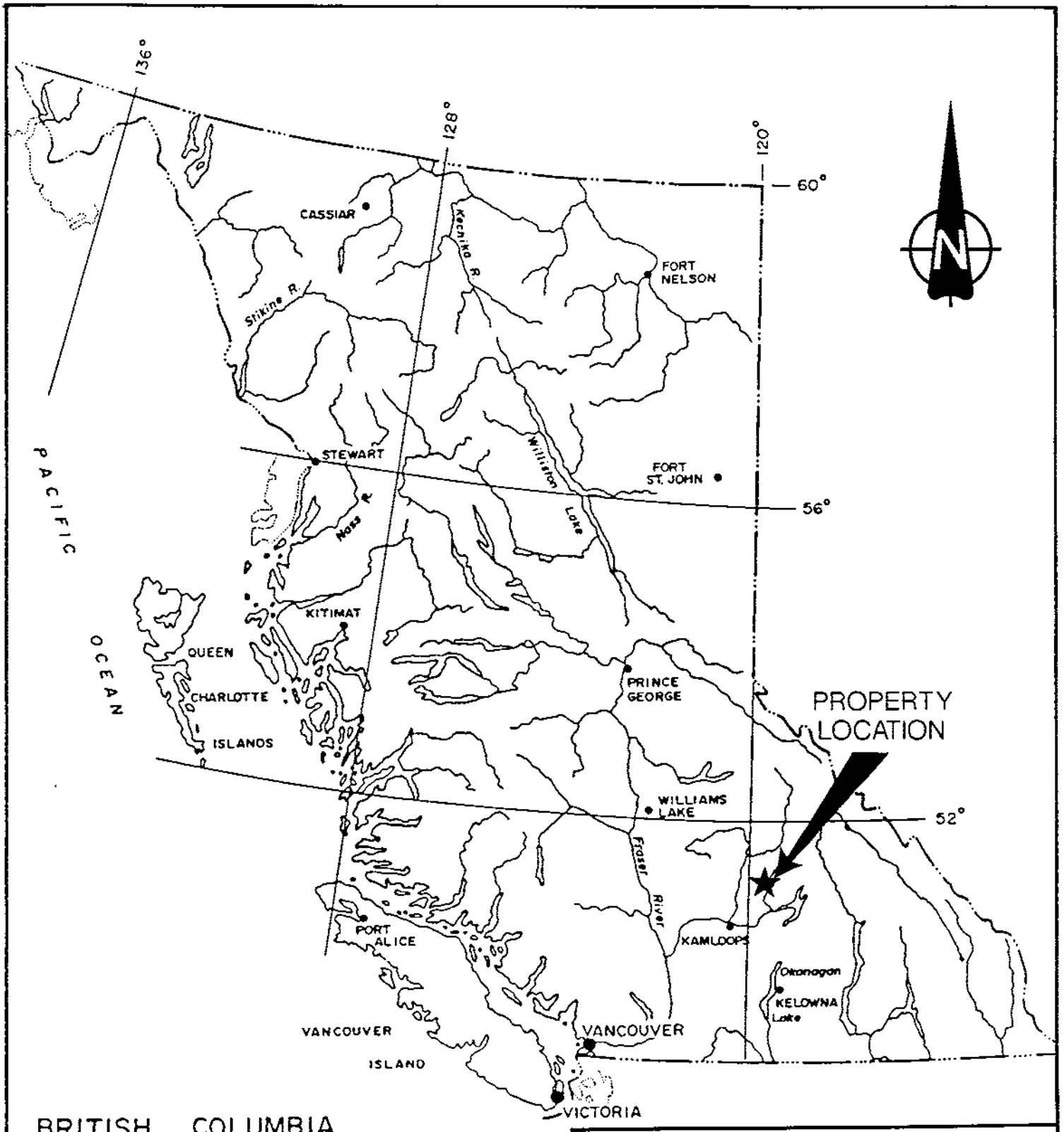
1.0 INTRODUCTION

1.1 OBJECTIVES

Pursuant to a request by Mr. James Hirst, President of Canova Resources Ltd., a geological examination, limited geochemical rock sampling, and an extensive geochemical soil sampling survey were carried out on the Amy-Dee claim group from May 13, to May 30, 1988. In addition, a geophysical program consisting of detailed VLF-electromagnetic and detailed magnetometer surveys was performed from June 6, 1988 to June 20, 1988 and July 11 to July 16, 1988. This comprised a 33 kilometer grid over the north eastern part of the Amy-Dee mineral claim and a smaller, seven kilometer grid over the north western part of the property. The purpose of the 1988 exploration program was to test the gold, and silver-lead-zinc potential of the property, and to investigate anomalies defined by an airborne magnetic and VLF-EM survey conducted by Western Geophysical Aero Data Ltd., in September of 1987. This report is based on the results of the present surveys, on the previous surveys, and on the available literature pertaining to the area.

1.2 LOCATION AND ACCESS

Province:	British Columbia
Area:	Adams Lake, south-central B.C.
Mining Division:	Kamloops
NTS:	82M/4E
Longitude:	119^{o} 41^{o} W
Latitude:	51^{o} 07^{o} N
Claim Names:	Amy-Dee #1, Amy-Dee #2, Amy-Dee #3, Amy-Dee #4
Disposition Holders:	Canova Resources Ltd.



BRITISH COLUMBIA

Scale 1 : 7,500,000 approx.

CANOVA RESOURCES LTD

AMY DEE 1 - 4 CLAIMS

Kamloops M.D. B.C

GENERAL LOCATION MAP

IN-TEC RESOURCE MANAGEMENT LTD

SCALE: as shown	N.T.S.: 82M/4E	FIGURE No: 1
DWN. BY: H.V	DATE: June 1988	
CHKD. BY: K. Karchmar	PROJECT No: 88BC 005	FILE No:

The subject property comprises 4 contiguous located mineral claims totalling 64 units, situated on the west shore of Adams Lake, 50 kilometers due south of Vavenby and 31 kilometers east of Barriere, B.C. (Figure 2).

The claims are accessible by highway and gravel roads from the town of Barriere and by 4 wheel-drive vehicle along a good logging road network on the subject property.

1.3 PROPERTY AND OWNERSHIP

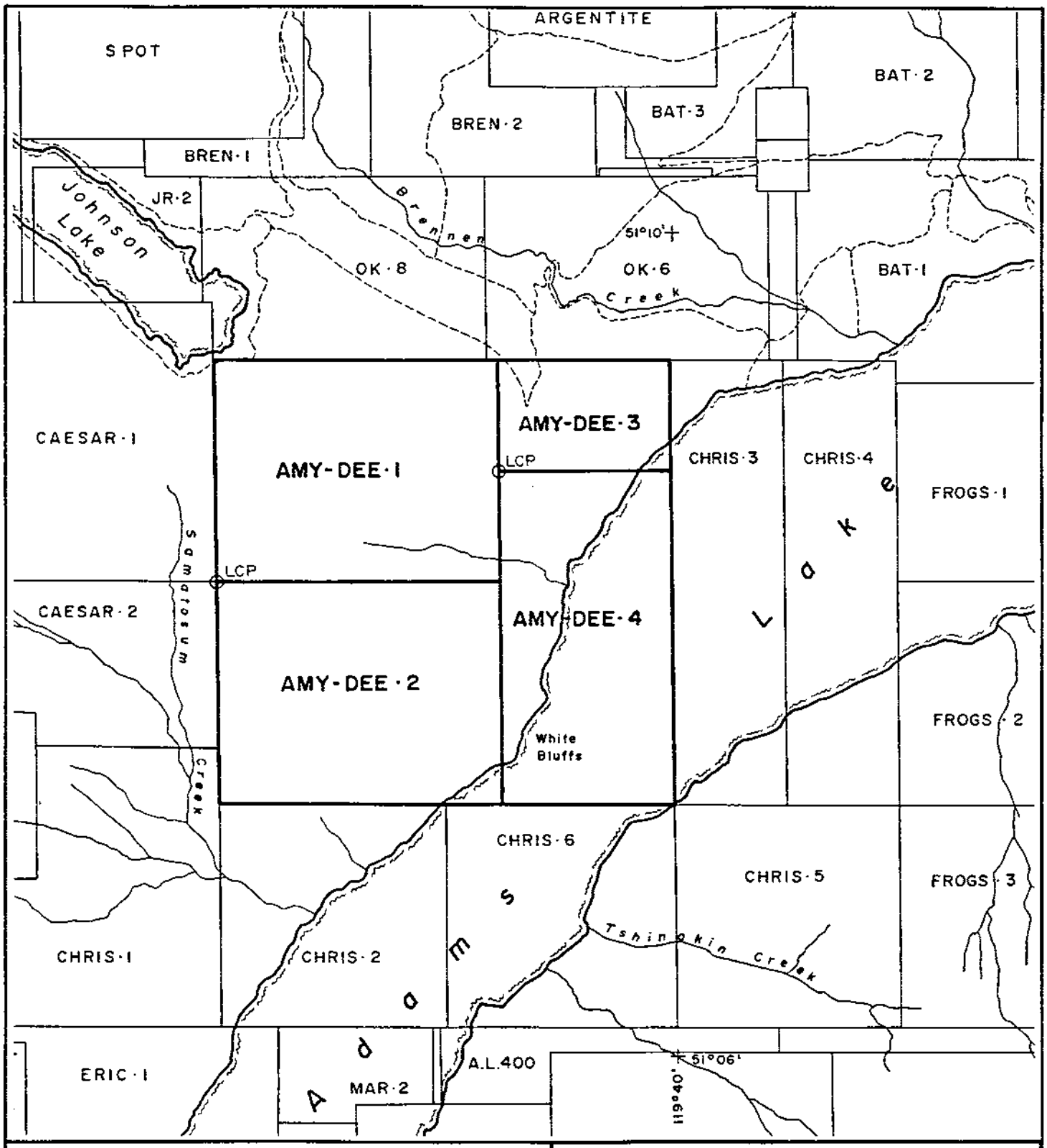
The property is recorded as follows:

Claim Name	Record No.	Units	Present Expiry Date
Amy-Dee #1	6801	20	Sept. 29, 1988
Amy-Dee #2	6802	20	Sept. 29, 1988
Amy-Dee #3	6803	6	Sept. 29, 1988
Amy-Dee #4	6804	18	Sept. 29, 1988

The property consists of four contiguous mineral claims, located in the Adams Lake area, south-central B.C. The Amy-Dee 1-4 claims are presently held under option agreement by Canova Resources Ltd. of Vancouver, B.C.

1.4 OPERATIONS AND COMMUNICATIONS

The geophysical program, the geological examination and the geochemical survey were carried out during the months of May, June and July 1988. The field crew was based at Barriere, B.C. and commuted daily to the property. Telephone communications were maintained with the office in Vancouver, B.C. on a regular basis. Transportation was provided by means of 4 wheel-drive vehicles.



CANOVA RESOURCES LTD

AMY DEE 1 - 4 CLAIMS

Kamloops M.D. B.C.

CLAIM MAP

HI-TEC RESOURCE MANAGEMENT LTD	SCALE: 1 : 50,000	N.T.S.: 82M/4E	FIGURE No: 2
	DWN. BY: H.V.	DATE: June 1988	
	CHKD. BY: K. Karchmar	PROJECT No: 88BC 005	FILE No:

1.5 PHYSIOGRAPHY

The claim group, located between elevations 425 and 1400 meters (1400 and 4600 feet) above sea level is situated on generally steeply sloping terrain. Vegetation ranges from extremely heavy in second growth forest to light underbrush areas of virgin timber. The property is timbered with cedar, spruce, Douglas fir, and white pine, and has been heavily logged in the northern portion.

2.0 HISTORY AND PREVIOUS WORK

The history of the area and previous work on the claims has been well documented and summarized in a July 19, 1987 report on the Amy-Dee properties by J. Paul Sorbara, reproduced below.

"The Adams Plateau area of British Columbia has a history of prospecting and mineral exploration dating back to the early 1900's. Precious metal and base metal showings have been found in many locations throughout the region since that time.

Within modern times, the Eagle Bay formation, which underlies most of the Adams Plateau area, has been recognized as being one of only a relative few geological formations with good potential for hosting volcanogenic massive sulfide deposits. Well known companies such as Cominco Ltd., Minova Inc. (formerly Falconbridge Copper) and Rea Gold Corp. have been actively exploring in the area for many years (Figure 3).

Recently, Minova Inc. has been working on a property, held under option from Rea Gold, which is only about

3.5 kilometers from the Amy-Dee claim group. Rea Gold had previously estimated the reserves on this property to be 1.1 million tons grading 0.042 oz Au/ton, 21.2 oz Ag/ton, 2.89% Zn, 3.2% Pb and 1.2% Cu. Closer-spaced drilling on this zone resulted in very encouraging results. Mr. D. Watkins, Vice-President of Exploration for Minova Inc., reports (The Northern Miner, June 8, 1987) that the deposit is a stratabound massive sulfide zone with unusually high grade silver as well as galena, sphalerite, tetrahedrite and chalcopyrite. Results included 11.65 metres (true width) @ 41.60 oz Ag/tonne, .065 oz Au/tonne, 2.85% Zn, 1.33% Pb and 1.1% Cu and 4.0 metres (true width) @ 102.00 oz Ag/tonne, 0.14 oz Au/tonne, 4.89% Zn, 2.26% Pb and 2.7% Cu. A further drill hole (No. 108) reported in the June 15, 1987 edition of the Northern Miner returned 10.2 feet grading 407.2 oz Ag/ton and 0.34 oz Au/ton."

In March of 1988, work on the Rea/Minova property revealed weighted average results across 10.5 metres of apparent width of .32 oz Au/ton, 2.8 oz Ag/ton, and 8.85% combined lead-zinc.

"Recorded work on the Amy-Dee claim group itself dates back to about 1980 when an outcrop containing zinc mineralization was explored by means of surface trenching (Ostensoe, 1982). Sphalerite was reported to be present in an east-west trending band that dips to the north at about 20 to 25 degrees. This mineralization occurs as discontinuous layered strands of dark brown to grey-black sphalerite throughout a dense white quartz vein or layer.

In 1982, one vertical diamond drill hole, which was 306.32 metres long was collared 50 metres north of the trenching. This hole was successful in testing and

proving the down dip extension of the sphalerite bearing quartz layer for a distance of about 130 meters. Further exploration efforts along strike to the west, and down dip was recommended (Ostensoe, 1982).

In 1985, a series of 50 short rotary drill holes were drilled from old roads along the west shore of Adams Lake. An inspection of the cuttings showed them to be mainly composed of detrital material from the slopes immediately west of the drilling area and no mineralization was noted (Mitchell, 1985).

Ten of these samples were analysed by Chemex labs of Vancouver, B.C. who reported low values of 0.1 ppm Ag and 5 ppb Au.

In 1986, four short diamond drill holes totalling 111 feet were completed west of Hole 82-1. Holes 86-1 and 2 were drilled 100 metres west of DDH 82-1 at ninety and sixty degrees (south trend) respectively. Holes 86-3 and 4 were drilled 150 meters west of DDH 82-1 at 90 and 60 degrees (south trend) respectively (Sorbara, 1987). All four holes failed to intersect the quartz vein or layer which was their target, and no unexpected mineralization was encountered."

On September 28 and 29, 1987, an airborne magnetic and VLF-EM survey was conducted over the Amy-Dee 1-4 claims by Western Geophysical Aero Data Ltd. The purpose of the work was to detect favorable anomalous zones and assist in the geological mapping of the area. Approximately one hundred and seventy-two line

kilometers of data were recovered and examined. Several areas of potential mineralization were identified along fault zones associated with VLF-EM anomalies and near magnetic lows.

3.0 GEOLOGY

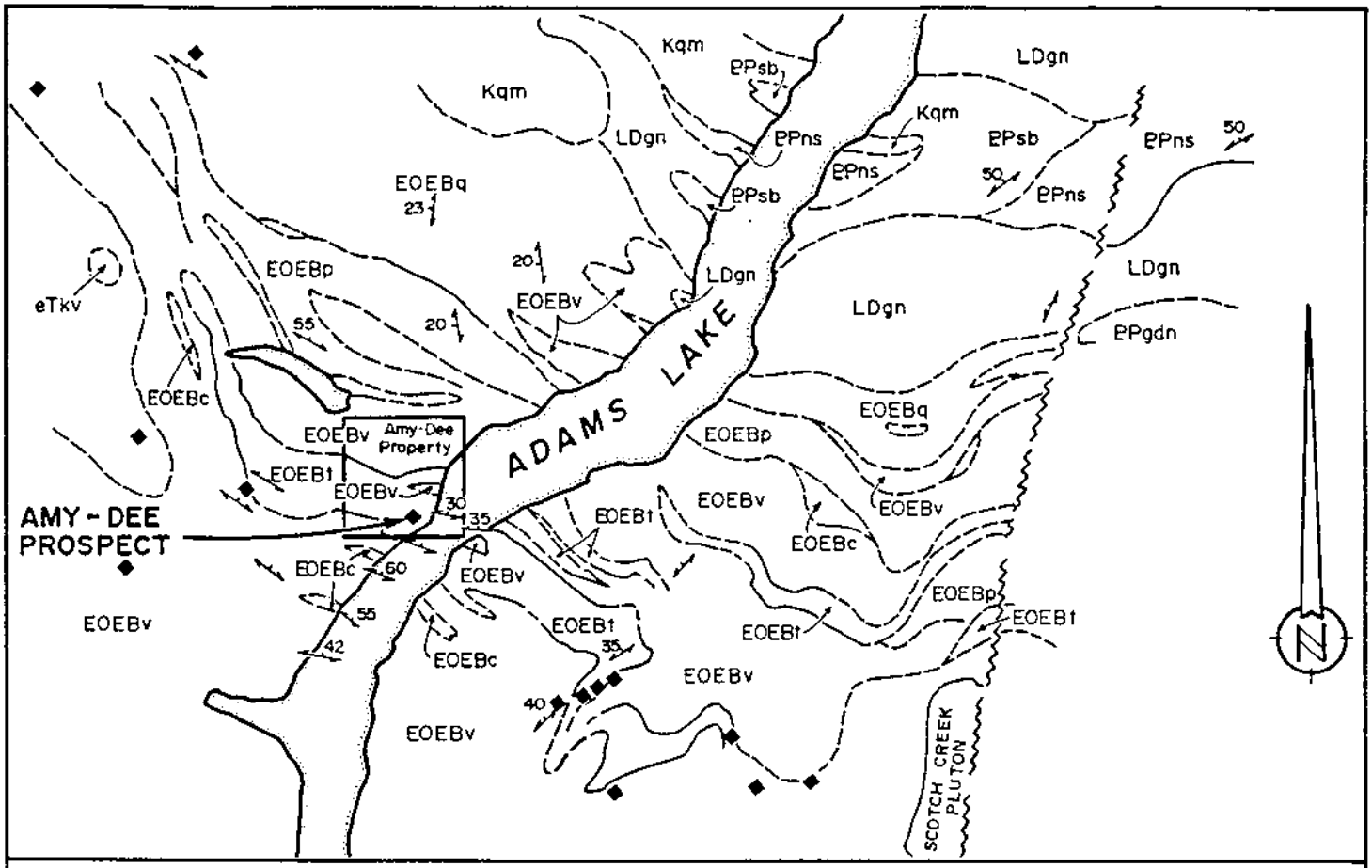
3.1 REGIONAL GEOLOGY (FIGURE 3)

The regional geology of the Shushwap highlands area, within which the Amy-Dee claims are situated, is summarized from the work of Okulitch (GSC Open File 637, GSC Paper 74-1) and Jones (GSC Memoir 296).

The property lies within the Omineca Belt, and is underlain by rocks of the late Devonian-early Mississippian Eagle Bay Formation, within the Lardeau Assemblage. The Eagle Bay Formation is a stratigraphically complex unit comprised of an assemblage divisible into three components.

At the base, a thin unit of chlorite schist of sedimentary and volcanic origin is followed by a unit of mixed sedimentary and volcanic rocks, and limestone, in turn followed by more chlorite schist. The thickness of the Eagle Bay Formation, measured from the top of the underlying Sicamous Formation, is between 7,000 and 7,600 metres (23,000 and 25,000 feet) (Jones, 1959).

At least 60 percent of the rocks comprising the Eagle Bay Formation are of sedimentary origin or their metamorphic derivatives, these are limestone, quartzite, argillite, and greywacke. Metamorphism is regionally low grade, but may be medium to high grade locally. Both volcanic and sedimentary units have been



eTkv Kamloops Group - andesite, basalt, dacite

Kqm Baldy Batholith and satellitic stocks - quartz monzonite, granodiorite

LDgn Late Devonian foliated and lineated leucocratic granite, granite feldspar porphyry, quartz monzonite, granodiorite.

EO Eagle Bay Formation - Cambrian - Ordovician age

- EBq sericitic, silic. phyllite, quartzite, Q bio. schist
- EBv greenstone, chloritic phyllite
- EBp black argillite, argillaceous phyllite
- EBc massive white crystalline limestone, dark grey foliated limestone
- EBt Tshinakin Limestone member, massive white crystalline limestone, minor greenstone and greenschist.

PP Shuswap Metamorphic Complex - Proterozoic and Paleozoic age.

- ns undivided, granitoid gneiss, paragneiss
- gdn granodiorite, diorite, tonalite gneiss, augen gneiss
- sb quartz mica schist

0 5 10 15 kilometres

——— Geological boundary (defined, assumed)

30 Foliation, schistosity, gneissic layering or cleavage inclination in degrees

High angle fault, approximate

Mineral deposit

traced from GSC Open File 637, Map B, 1979

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AMY DEE 1 - 4 CLAIMS

Kamloops M.D. B.C

REGIONAL GEOLOGY MAP

MI-TEC RESOURCE MANAGEMENT LTD

SCALE: 1 : 250,000	N.T.S.: 82M/4E		FIGURE No: 3
DWN. BY: H.V.	DATE: June 1988		
CHKD. BY: K. Karchmar	PROJECT No: 88BC 005		FILE No:

altered to green chlorite-sericite schists and phyllites and are not easily distinguishable from one another.

The Eagle Bay Formation is a complexly folded and thrust faulted mass, affected by four phases of folding and fracturing. Early north-south and east-west-trending fold sets are overprinted by a final phase of fracturing and northerly-trending gentle folds. Interpretation of thrusting of the Eagle Bay Formation over the Sicamous Formation is supported by fossil evidence (Okulitch, 1974). The rocks are foliated in a north to northwesterly direction, trend stratigraphically northwest to southeast, and dip to the northeast.

The Eagle Bay Formation is host to numerous mineral occurrences. Lead-zinc-silver vein and concordant deposits are associated with carbonate members. Calcareous and carbonate members are potential hosts for strata-bound lead-zinc silver deposits and local vein and shear zone mineralization of either syngenetic or epigenetic origin or both. The nearby Homestake mine, one of the largest deposits in the Eagle Bay Formation, is a concordant sedimentary deposit possibly associated with a volcanic centre. Recently, Minova Inc. has located a stratabound massive sulfide and barite deposit within the Eagle Bay Formation greenstone units. Mineralization consists of high grade silver, along with galena, sphalerite, tetrahedrite, and chalcopyrite.

A description of the Rea Gold and Homestake deposits by T. Hoy (1986) is as follows:

"They are sulphide + barite lenses within or near the top of a felsic(?) pyroclastic unit within a thicker

pile of more mafic tuffs and minor mafic flows. Both have extensive footwall alteration zones characterized by silicification, sericitization, and pyrite development, and both are overlain by a mixed mafic pyroclastic and clastic sedimentary sequence. These deposits as well as a number of other somewhat similar deposits in Eagle Bay Formation rocks such as Beca and Birk Creek are similar in many respects to the volcanogenic "polymetallic: or Kuroko class of deposits."

3.2 PROPERTY GEOLOGY

The Amy-Dee 1-4 claims are underlain by metamorphosed, folded and faulted sedimentary and volcanic rocks of the late Devonian - early Mississippian Eagle Bay Formation.

The claim area is dominated by the Tshinakin limestone unit, which trends northwest to southeast and underlies the central portion of the claims. To the southwest, stratigraphically above the Tshinakin limestone, the sequence is dominated by rocks of sedimentary origin, comprised of carbonaceous phyllites and slate, argillite and chlorite phyllite. To the northeast, stratigraphically below the Tshinakin limestone, the sequence is dominated by rocks of volcanic origin, comprised of chlorite schists and phyllites, rare amygdular basalts, lapilli tuffs and graphitic phyllites, with large interbeds of limestone (Figure 5).

All units exhibit lenses and intercalations of remobilized chert and calcite, often exhibiting abundant limonitic staining. Hematite and magnetite is common throughout the claim area, in association with

these lenses. Gossan was observed in a .5 metre wide zone extending for 30 metres along the contact between the Tshinakin limestone and the overlying argillaceous units in the White Bluffs area of the claims. No intrusive units were observed on the property.

Structurally, the rocks are foliated in a north to northwest, south to southeasterly direction, and dip to the northeast. Faulting and folding is evident. Two fault sets were observed striking northwest to southeast and northeast to southwest. A small fold striking northwest to southeast and plunging at eighteen degrees to the southeast was observed along the road and again along the lake shore. The metamorphic grade is low (greenschist).

3.3 LITHOLOGY

Argillite, phyllite, quartzite, slate (Unit 1)

The rocks of this unit are of sedimentary origin, but have been transformed to schists and phyllite and bedding is obscured. Quartzite and slate are rare on the property, the slate is generally calcareous and carbonaceous. Phyllite may be graphitic, chloritic and sericitic, and some may represent water-lain tuff, being indistinguishable from the chlorite phyllites elsewhere on the property. Common constituents of these rocks are quartz (the principle constituent), feldspar, chlorite, epidote, sericite, magnetite, and graphite. The rocks are well foliated, and contain common lenses of remobilized chert and carbonate in the form of quartz-carbonate stringers. Limestone interbeds were observed within this unit. Barite and dolomite were observed within this unit in a discordant shear zone near the gossan which occurs at the contact between the phyllite and the Tshinakin limestone.

Tshinakin limestone (Unit 2)

The Tshinakin limestone is a massively bedded limestone unit with occasional large interbeds of chloritic phyllite. Colours range from grey to buff on weathered surfaces and from pure white to light grey on freshly broken surfaces. Bedding is occasionally observable. The primary constituent of this unit is white coarsely crystalline limestone, remobilized chert in lenses and stringers is common. Rare conglomerates were observed within this unit along the lakeshore. Evidence of deformation exists on a local scale, and dolomitization of the limestone was observed near a shear zone and in proximity to the gossan zone.

Greenschists, chlorite-sericite phyllites, limestone (Unit 3)

This stratigraphically lower unit is comprised predominantly of greenschists and chlorite-sericite phyllites, with a few large interbeds of bedded, platy limestone, and is primarily volcanic in origin Vesicular basalts and lapilli tuffs were observed within this unit, but they are rare. Greenschists are non-bedded and vary in composition and appearance. Rare small argillaceous sedimentary interbeds are also present. Chlorite and sericite phyllites are abundant within this unit, they are well foliated and generally indistinguishable from those of Unit 1. Component minerals within the greenschist are feldspar, quartz, chlorite, amphibole, and abundant epidote calcite and magnetite are common, and often occur in lenses within the greenschist in association with epidote. Large limestone interbeds occur within this unit, and are composed of white crystalline limestone which weathers to a light brown. Outcrops tend to be platy and contain lenses of remobilized chert with abundant hematite and limonite.

3.4 MINERALIZATION

Mineralization occurs within all three of the units underlying the Amy-Dee claims. Within the argillite-graphitic phyllite unit, pyrite, chalcopyrite and hematite were observed within remobilized chert lenses. This unit also hosts a 30 metre long, 0.5 metre wide, concordant gossan zone with bright yellow and red limonite at the contact between the phyllites and the Tshinakin limestone. Concordant bands of abundant,

small (< .25 cm) euhedral pyrite crystals in a talc schist were also observed nearby and probably represent a metamorphosed, dolomitized limestone stringer within Unit 1. A small (.5 x .25 m) area of azurite was also observed in the phyllite proximal to the gossan zone. In the limestone immediately above the gossan zone, a 0.25 metre wide band of dolomite hosts abundant euhedral pyrite, with some as large as 2 centimetres, for a length of three metres. The Tshinakin limestone also hosts sphalerite and galena in a concordant vein on the shore of Adams Lake, documented as the Rose Group showing by Okulitch (1974). Euhedral barite crystals were observed in a discordant, limonite stained shear zone, within dolomitized Tshinakin limestone immediately to the northwest of the gossan zone. Pyrite, magnetite, limonite, and hematite are also present in remobilized chert lenses and greenstones within Unit 2.

Sulfide mineralization was observed as disseminated pyrite and chalcopyrite, and euhedral pyrite within greenschists. Hematite and magnetite is present within and along the edges of quartz-calcite-epidote lenses and within remobilized chert lenses in greenschists and limestone interbeds.

4.0 GEOCHEMISTRY

The geochemical sampling program consisted of rock chip sampling and grid soil sampling. A total of 56 rock, 650 soil, and two stream sediment samples were collected on the property between May 13, and May 30, 1988 (Figure 6). All of the samples were submitted to Min-En Laboratories Ltd., in North Vancouver, British Columbia. Gold was determined by the Fire Assay (F.A.) method and silver, arsenic, copper, lead, zinc, and

barium were analyzed by the Induced Coupled Plasma (ICP) method.

Analytical procedures are reported in Appendix VI and sample descriptions as well as analytical data in Appendix I and Appendix II respectively. Statistical treatment of the data was possible for each analyzed element in the soil geochemistry survey only. For the rock chip geochemistry, varying rock types in the sampled area resulted in sample populations of insufficient size for meaningful statistical analysis. Statistical results, histograms, correlation coefficients, and cumulative probability plots are listed in Appendix III to Appendix V respectively.

4.1 ROCK CHIP SAMPLING SURVEY

A total of 56 rock chip samples were collected within the surveyed area. Samples were taken wherever mineralization was observed, from areas where faulting was evident, and from geological contacts (Figures 4 and 7).

Results for each analyzed element are discussed below:

i) Gold: Six samples (AK 1, 29, 42, 43, 47, 49) show gold values of greater than 10 ppb. The values of the anomalous samples range from 15 to 53 ppb.

ii) Silver: Twelve samples (AK 1, 11, 17, 18, 22, 23, 29, 31, 34, AS 1, 3, 6) exhibit silver values of greater than two ppm. Values in these samples range from 2.2 to 6.4 ppm.

iii) Arsenic: Seven samples (AK 1, 4, 10, 20, 21, 45, AS 3) contain concentrations of arsenic of greater than 100 ppm. The values obtained range from 101 ppm to 259 ppm.

iv) Copper: Six samples (AK 1, 12, 22, 28, 29, AS 1) show elevated values of greater than 100 ppm. The values obtained range from 104 to 953 ppm.

v) Lead: Two samples (AK 1, 13) show elevated lead values of greater than 100 ppm. Lead values in these two samples were 218 and 309 ppm respectively.

vi) Zinc: Eight samples (AK 1, 5, 13, 38, AS 1, 2, 3, 6) exhibit elevated values of greater than 100 ppm. The values range from a low of 105 ppm to a high of 21823 ppm obtained from a sample of the Rose Group lead-zinc showing on the property.

vii) Barium: Fourteen samples (AK 32, 41, 42, 43, 45, 46, 47, 48, 49, 50, 51, AS 2, 3, 6) exhibit elevated barium values of greater than 200 ppm. The values obtained range from 292 to 7050 ppm.

The location of the rock chip samples is shown on Figure 7.

4.2 SOIL SAMPLING SURVEY

A total of 650 soil samples were collected within the surveyed area between May 13, and May 30, 1988. The objective of the 1988 survey was to test two magnetic lows defined by an airborne geophysical survey, a VLF-EM conductor defined by the same survey, and any areas where potential for mineralization was indicated. A 2.8 kilometer baseline trending northwest to southeast was established, with cross-lines spaced at one hundred metres and trending northeast to southwest to complete the grid. Sample spacing was 25 metres (Figure 8).

Soil samples were obtained by digging holes with a mattock to a depth of 20 centimetres. Where possible the C horizon was sampled and placed in kraft paper bags. A typical sample was light to medium brown in colour, with a sandy composition. Grid coordinates were marked on the bags with permanent ink felt marker.

A total of three stream sediment samples were also obtained from two small, unnamed creeks on the property.

Results for each analyzed element are discussed below. Values were considered anomalous if greater than the mean value plus two standard deviations from the mean.

i) Gold: Eight samples exhibit anomalous gold values ranging from 28 to 265 ppb. A single multi-element anomaly exhibited anomalous silver, arsenic, copper and lead in addition to gold. The sample (AK 1) was obtained from the lead-zinc Rose Group showing on the property. The calculated threshhold value is 26 ppb (Figure 9).

ii) Silver: Twenty-seven samples exhibit anomalous silver values ranging from 1.9 to 4.5 ppm. Copper and arsenic occasionally occur with silver as multi-element anomalies. The calculated threshhold value is 1.8 ppm (Figure 10).

iii) Arsenic: Twenty-one samples exhibit anomalous arsenic values ranging from 45 to 91 ppm. Barium and copper occasionally occur with arsenic in multi-element anomalies. The calculated threshold value is 44.4 ppm (Figure 12).

iv) Copper: Twenty-five samples exhibit anomalous copper values ranging from 66 to 145 ppm. Silver and arsenic occasionally occur with copper as multi-element anomalies. The calculated threshold value is 65.2 ppm (Figure 10).

v) Lead: Three anomalous lead values were detected by the survey, ranging from 113 ppm to 1115 ppm. The latter anomaly is suspect due to the close proximity of the sample site to a well-travelled road. Zinc occurs as a multi-element anomaly at the same location. The calculated threshold value is 143.6 ppm (Figure 11).

vi) Zinc: Three anomalous zinc values were recorded during the survey, ranging from 147 ppm to 1282 ppm. Several of the largest anomalies are suspect due to close proximity of the sample site to a well-travelled road. Lead occurs as a multi-element anomaly at the same location. The calculated threshold value is 223.8 ppm (Figure 11).

vii) Barium: Thirty-one anomalous barium values were detected by the survey, ranging from 232 ppm to 368 ppm. Zinc occasionally formed multi-element anomalies with barium. The calculated threshold value was 230.7 ppm.

The anomalous values for gold and silver were grouped in somewhat well defined areas, as shown on the compilation map (Figure 4). Although no correlation exists between the two elements as shown by the correlation-coefficient table (Appendix V), it would appear that they are spatially related.

Other associations noted, include a lead/zinc coincident high over three contiguous samples (Figure 11), and spatially related, although not coincident barium/copper anomalous values throughout the survey area (Figure 10 and 12).

5.0 GEOPHYSICS

Detailed ground VLF-EM and magnetometer surveys were performed between June 6, 1988 and July 16, 1988 over the grid established previously during the geochemical survey. The objective was to provide detailed information on previously established geophysical anomalies, and to provide information to be used in conjunction with the geochemical survey to delineate potential targets for drilling. The grid consists of a 2.8 kilometer northwest to southeast-trending blazed and flagged base line, with 40 kilometers of chained line spaced at 100 metre intervals, with a 25 metre station interval. Grid cross lines vary in length from 500 metres to 2 kilometers (Figure 8).

The magnetic and VLF-EM surveys were run using an EDA omni-plus VLF-EM magnetometer (serial number 218035) as the field unit. Diurnal variations and magnetic drift were removed using an EDA omni-IV magnetometer as the base station. Both systems are micro-processor based. The data was stored, corrected, filtered, contoured, and profiled using a Toshiba T1100 computer. Instrument specifications can be found in Appendix VI.

The original VLF survey was attempted using Annapolis and Cutler as transmitting stations, however, both stations proved to be shut-down at the time of the survey. As a result, Jim Creek was used. The second VLF survey was completed between July 10 and 16 using Annapolis as a transmitting station. The Annapolis results are more reliable as the station most closely aligns with the grid.

5.1 VLF-EM Survey Interpretation

The VLF-EM survey was carried out using two VLF transmitting stations: Annapolis, Maine (21.4 khz) and Jim Creek, Washington(24.8 khz), (Figures 15, 16, 17). The VLF field strength, in-phase vertical component and quadrature components were measured and recorded concurrently for both stations.

The VLF-EM data indicates the presence of a number or short strike length conductors on the south east end of the grid (Figure 16, 17, 18) which are well defined and have a corresponding field strength high. The remaining weak conductors seen mainly near the base line and striking across the length of the grid are less well defined and have a weak or no corresponding field strength high.

The data on the remaining grid is very noisy especially the area north of the baseline and east of line 1200E. It is difficult to judge from the data if this is geological or instrument noise.

5.2 Magnetometer Survey Interpretation

The total magnetic field and vertical gradient were both measured and stored. Both results are plotted on Figure 13. The magnetic data indicates a number of magnetic anomalies are present (Figures 14, 18). These are probably related to magnetite bearing chert lenses which commonly occur on the claims.

The magnetic anomalies south of the baseline and striking the length of the grid may be a single wide magnetic body with varying magnetite content. This magnetic body is outlined by the 59500 gamma contour (Figure 14). This anomaly is weaker (possibly deeper) between lines 300E and 100W but does appear to be continuous across this region.

There is no direct relationship between the VLF-EM conductors and the magnetic anomalies except that the VLF-EM conductors are on the perimeter of the magnetic anomaly striking across the center of the grid.

6.0 Conclusions and Recommendations

The recent geological, geochemical and geophysical program carried out by Hi-Tec Resource Management Ltd. was designed to follow-up a number of airborne geophysical anomalies obtained during an earlier program. A grid was laid out to cover these major north-west trending anomalies which occur in the north central portion of the grid.

A number of interesting targets have been generated by the recent exploration program and require follow-up work (Figure 4).

- A combined geochemical and geophysical target occurs in the southeastern corner of the grid, where strong VLF-EM conductors are coincident with gold and silver geochemical anomalies. In addition, a large zone of possible alteration has been outlined by the airborne survey in this area.

- A number of northwest trending structures have been identified to coincide with the contact between units 1 and 2 (Figure 4). These parallel structures, as well as elevated silver values at the northern end of the structure, indicate possible mineralization associated with the contact.

- Anomalous gold and silver values are associated with airborne geophysical anomalies in both the northeast and southwest corners of the grid.

All target areas are associated with favourable geologic environments with the potential to host precious and or base metals deposits.

Minimal work in the area of the old Rose showing produced elevated gold and silver values in rock. A high value of 53 ppb Au was obtained from a gossan zone within talc schist as well as several other anomalous values.

Recommendations for further work in the area, include trenching and detailed sampling as well as follow-up preliminary drilling in as many of the target areas as possible. The potential of the unsurveyed portion of the property remains unknown and whould be examined by geochemical sampling, geophysical surveying and follow-up trenching and drilling if required.

Respectfully submitted,

HI-TEC RESOURCE MANAGEMENT LTD.

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

GEOLOGICAL ASSOCIATION OF CANADA
H. C. GROND
FELLOW

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White, G. E., Hermary R. G., 1987: Geophysical Report on an Airborne Magnetic and VLF-EM Survey, Amy-Dee 1-4 Claims, Kamloops Mining Division, British Columbia.

APPENDIX I

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, KENNETH L. KARCHMAR, of the City of Vancouver, Province of British Columbia, hereby certify that:

1. I am a geologist employed by Hi-Tec Resource Management Ltd. My office is at 1500 - 609 Granville Street, Vancouver, British Columbia, Canada V7Y 1G5.

2. I obtained a Bachelor of Science degree in Geology at the University of Alberta, at Edmonton, Alberta in 1984.

3. I have been a registered Geologist-in-training, in good standing, of the Association of Professional Engineers, Geologists and Geophysicists of Alberta since 1984.

4. I have been practicing my profession as a geologist in Canada since 1984.

5. I have not received, nor do I expect to receive any interests, direct or indirect, or contingent in the securities or properties of Canova Resources Ltd. and that I am not an insider of any company having interest in the Amy-Dee 1, 2, 3, or 4 mineral claims or any other property in that area.

Ken L. Karchmar, B.Sc.

June 27, 1988

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 Canova Resources Ltd.

Dated in Vancouver, British Columbia, this 4 day of August, 1988.

SIGNED: H Grond

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

GEOLOGICAL ASSOCIATION OF CANADA
H. C. GROND
FELLOW

APPENDIX II

Geochemical Preparation and Analytical Procedure

PHONE: (604) 980-5814 or 988-4524

TELEX: 04-352828

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

Analytical Procedure Report for Assessment Work

31 Element ICP

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn, Ga, Sn, W, Cr

Samples are processed by Min-En Laboratories Ltd., at 705 West 15th Street, North Vancouver, employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ceramic plated pulverizer or ring mill pulverizer.

1.0 gram of the sample is digested for 4 hours with an aqua regia $HClO_4$ mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers. Reports are formatted and printed using a dot-matrix printer.

PHONE 980-5814

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and $HClO_4$ mixture.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

PHONE: (604) 980-5814 or 988-4524

TELEX: 04-352828

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

FIRE GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Fire Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 15.00 or 30.00 grams are fire assay preconcentrated.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 1 ppb.

APPENDIX III

Field and Analytical Data for Rock Samples

DESCRIPTION OF ROCK CHIP SAMPLES

Sample No.	Descriptions
88AK 1	Grab sample of white limestone from lead-zinc showing, blebby chalcopyrite and sphalerite, minor pyrite, galena.
88AK 2	No sample
88AK 3	Grab sample of float from road, quartz with chlorite, sericite, abundant limonite.
88AK 4	Grab sample of float from road, quartz with chlorite, sericite, abundant limonite.
88AK 5	Grab sample of float from road, silicified greenstone with abundant limonite.
88AK 6	Grab sample of float, chlorite schist with abundant subhedral epidote, minor hematite.
88AK 7	Grab sample of float, quartz-calcite stringer material, sericite, no visible mineralization.
88AK 8	Grab sample of quartz-calcite stringer material in greenstone host, minor disseminated euhedral pyrite.
88AK 9	Grab sample of calcite stringer material in greenstone host, no visible mineralization.
88AK 10	Same location, grab sample of quartz-calcite stringer material, no visible mineralization.
88AK 11	Grab sample of float from road, calcite and epidote veinlets in greenstone host, minor disseminated pyrite.
88AK 12	Grab sample of float from road, greenstone with abundant limonite.
88AK 13	Grab sample of quartz-calcite stringer material from greenstone host, abundant epidote, chlorite, hematite.
88AK 14	Grab sample from road, quartz-calcite stringer material with abundant specular hematite.

88AK 15	Grab sample of quartz-calcite stringer material from greenstone host, abundant limonite.
88AK 16	Grab sample of float from hillside, quartz-calcite stringer material from greenstone host, abundant chlorite, minor hematite.
88AK 17	Grab sample of greenstone with quartz-calcite veinlets, minor euhedral pyrite, epidote and hematite.
88AK 18	Grab sample of quartz veinlet in greenstone host, euhedral hematite at veinlet contact with greenstone, 1 cm wide veinlet.
88AK 19	Grab sample of vesicular basalt, silicified, minor euhedral pyrite.
88AK 20	Grab sample of float from roots of fallen tree, quartz with minor, anhedral, unidentified blue metallic mineral.
88AK 21	Grab sample of float, same location, quartz-calcite stringer material with abundant euhedral pyrite, abundant limonite.
88AK 22	Grab sample of greenstone with abundant euhedral pyrite.
88AK 23	Grab sample of quartz-calcite stringer material in greenstone host. Minor pyrite.
88AK 24	Grab sample of quartz-calcite stringer material from vesicular basalt host, minor hematite, abundant travertine, chlorite.
88AK 25	Grab sample of float from below limestone outcrop, quartz with abundant limonite, sericite, minor magnetite, hematite.
88AK 26	Grab sample of quartz in limestone host, abundant hematite, sericite, limonite.
88AK 27	Grab sample of float from road, quartz-calcite stringer material in dolomite host, abundant hematite, sericite, minor euhedral pyrite.
88AK 28	Grab sample of float from hillside, argillaceous limestone, abundant hematite, chlorite, sericite.

88AK 29	Grab sample of float from road, calcite-epidote veinlet in greenstone host, abundant chlorite, epidote, hematite, sericite.
88AK 30	Grab sample of float from road, calcite-epidote veinlet in greenstone host, abundant chlorite, sericite, minor pyrite.
88AK 31	Grab sample of float from road, calcite-epidote veinlet in greenstone host, abundant chlorite, sericite, minor pyrite.
88AK 32	Grab sample of float near outcrop, calcite vein in greenstone host, abundant magnetite, limonite, minor epidote.
88AK 33	Grab sample of sugary calcite vein material from greenstone host, abundant chlorite, no visible mineralization.
88AK 34	Grab sample of calcite-epidote veinlet in greenstone host, abundant magnetite, minor pyrite, chalcopyrite.
88AK 35	Grab sample of float from road, quartz-calcite stringer material, sericite, abundant limonite, minor euhedral pyrite.
88AK 36	Grab sample of float from road, calcite-epidote veinlets in greenstone host, abundant pyrite.
88AK 37	Grab sample of chert from stringer in graphitic phyllite, abundant hematite.
88AK 38	Grab sample of float from road, graphitic phyllite with chert stringers, abundant limonite, hematite, sericite, pyrite.
88AK 39	Grab sample of chert from stringer in graphitic phyllite, minor pyrite, chalcopyrite.
88AK 40	Grab sample from same location, chert with minor pyrite.
88AK 41	Grab sample of float from below gossan zone, talc-sericite schist with minor calcite, abundant limonite.
88AK 42	Grab sample of float from same location, talc-sericite schist with abundant limonite.

88AK 43	Grab sample from gossan zone, talc schist with abundant limonite.
88AK 44	Grab sample of talc schist, abundant euhedral pyrite up to 1 cm in size from concordant zone, 10 cm wide.
88AK 45	Grab sample of euhedral dolomite and barite from discordant shear zone in limestone near contact with phyllite, minor arsenopyrite.
88AK 46	Grab sample of dolomite, fractured with calcite infilling, vuggy in places, abundant limonite, minor pyrite.
88AK 47	Grab sample of phyllite in gossan zone, from contact with limestone, clay alteration, abundant limonite.
88AK 48	Grab sample of dolomite from limestone above gossan zone, abundant large euhedral pyrite in 20 cm wide zone, trace of azurite.
88AK 49	Same location, grab sample of phyllite from center of gossan zone, clay alteration, abundant limonite.
88AK 50	Same location, grab sample of phyllite below gossan zone, no visible mineralization.
88AK 51	Same location, grab sample of limestone from above pyrite zone, no visible mineralization.
88AS 1	Grab sample of float on beach near showing. Barite with minor pyrite, galena, sphalerite.
88AS 2	Grab sample of limestone with 4 cm irregular quartz band. Quartz is reddish brown. No visible mineralization.
88AS 3	Grab sample of white quartz stringer material, from 20 cm quartz vein. No visible mineralization.
88AS 4	Grab sample of quartz-carbonate stringer material in greenstone. No visible mineralization.
88AS 5	Grab sample of limestone with remobilized chert. Minor limonite.
88AS 6	Grab sample of calcareous greenschist with a trace of pyrite, minor magnetite in wispy, discontinuous layers.

COMPANY: HI-TEC RESOURCE MANAGEMENT MIN-EN LABS ICP REPORT (ACT:F31) PAGE 1 OF 1
PROJECT NO: 88BC005 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-560/P1+2
ATTENTION: P.SORBARA (604)980-5814 OR (604)988-4524 # TYPE ROCK GEOCHEM # DATE:MAY 31, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
88AK 01	6.4	259	16	440	218	128	40
88AK 03	.4	71	106	50	44	73	2
88AK 04	.9	121	31	21	36	22	3
88AK 05	.4	15	27	71	29	105	1
88AK 06	.4	51	120	14	6	37	4
88AK 07	.2	59	1	11	64	23	1
88AK 08	.2	53	13	19	42	20	1
88AK 09	.3	30	1	10	45	12	3
88AK 10	1.3	115	10	10	31	16	1
88AK 11	4.5	14	51	64	28	28	2
88AK 12	.3	8	72	149	26	63	2
88AK 13	.6	16	50	25	309	124	1
88AK 14	.1	44	131	56	69	97	5
88AK 15	1.2	49	173	13	59	29	8
88AK 16	.6	66	38	19	41	47	1
88AK 17	5.1	16	121	98	17	57	3
88AK 18	3.6	78	193	36	15	89	1
88AK 19	.5	75	35	63	20	83	1
88AK 20	1.0	104	21	12	36	19	2
88AK 21	.7	106	44	13	43	23	1
88AK 22	4.8	33	103	104	7	82	1
88AK 23	3.6	22	60	69	6	50	3
88AK 24	.1	11	125	6	42	25	2
88AK 25	1.0	98	9	10	38	22	4
88AK 26	.8	86	13	10	55	60	2
88AK 27	.1	44	78	10	34	72	1
88AK 28	.3	4	76	211	52	51	16
88AK 29	3.2	18	49	953	25	38	8
88AK 30	.1	10	122	4	9	87	3
88AK 31	2.3	53	18	59	10	50	1
88AK 32	.1	1	2629	3	33	47	3
88AK 33	.3	7	63	34	18	19	2
88AK 34	2.2	14	76	34	28	40	2
88AS 01	2.7	4	186	135	23	21823	3
88AS 02	.2	27	625	19	18	229	5
88AS 03	2.4	101	1418	16	24	111	1
88AS 04	.5	10	112	3	29	54	2
88AS 05	.1	58	99	12	34	41	4
88AS 06	4.0	47	300	93	34	120	3

COMPANY: HITEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88 BC 005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-609R

ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:JUNE 6, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
88AK37	.4	9	13	31	48	63	2
88AK38	.4	15	48	44	45	112	1
88AK39	.3	20	169	15	22	15	2
88AK40	.3	2	65	18	32	35	4
88AK41	.4	15	875	29	27	23	3
88AK42	.9	33	881	24	23	23	35
88AK43	.9	26	1231	30	22	24	53
88AK44	.2	37	195	25	31	61	2
88AK45	.9	229	282	59	21	74	6
88AK46	.2	67	1036	10	39	52	1
88AK47	.6	68	1359	5	22	14	15
88AK48	.6	33	292	7	25	29	9
88AK49	.6	52	1015	26	20	14	18
88AK50	.4	2	915	39	26	27	3
88AK51	.5	89	7050	44	43	37	2
88AK 52 MISSING	N/S						
88AK 35	1.6	35	181	114	40	71	6
88AK 36	2.7	199	70	3	42	14	3

APPENDIX IV

Geochemical Data for Soils

COMPANY: HI-TEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88BC005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-560S/P2+3

ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | # TYPE SOIL GEOCHEM # | DATE:MAY 31, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L15E 0+25N	.1	29	145	20	14	87	2
L15E 0+50N	.5	36	120	22	7	96	2
L15E 0+75N	.8	46	130	21	16	115	1
L15E 1+00N	1.3	51	114	28	7	92	1
L15E 1+25N	1.3	51	193	30	11	83	1
L15E 1+50N	.3	26	186	13	11	96	4
L15E 1+75N	.1	18	225	22	23	114	33
L15E 2+00N	1.3	48	97	25	15	89	2
L15E 2+25N	1.1	42	90	78	4	90	1
L15E 2+50N	.8	34	164	38	13	102	3
L15E 2+75N	.7	2	124	25	117	183	1
L15E 3+00N	.4	1	197	15	17	159	1
L15E 3+25N	1.1	2	114	22	13	104	3
L15E 3+50N	.6	31	126	12	15	98	2
L15E 3+75N	1.2	44	110	18	12	87	45
L15E 4+00N	.5	43	138	29	12	86	9
L15E 4+25N	.5	31	105	18	9	83	3
L15E 4+50N	.5	2	162	20	13	114	2
L15E 4+75N	.3	36	167	15	22	132	28
L15E 5+00N	.2	32	155	19	18	99	7
L15E 5+25N	.5	8	157	10	16	115	2
L15E 5+50N	.5	5	105	10	12	65	1
L15E 5+75N	.2	6	119	10	14	96	6
L15E 6+00N	1.0	7	96	24	12	87	35
L15E 6+25N	.6	3	134	13	11	113	3
L15E 6+50N	.4	27	91	13	9	69	2
L15E 6+75N	.2	17	244	10	20	114	12
L15E 7+00N	.2	28	271	40	9	175	9
L15E 7+25N	.1	10	256	7	20	93	4
L15E 7+50N	.6	10	149	15	16	132	3
L15E 7+75N	.4	1	110	10	19	64	1
L15E 8+00N	.2	4	121	13	14	93	2
L15E 8+25N	.1	23	282	25	17	119	1
L15E 8+50N	.1	24	234	15	17	106	8
L15E 8+75N	.3	12	114	10	16	76	2
L15E 9+00N	.3	3	166	14	18	73	2
L15E 9+25N	.2	35	140	55	8	92	1
L15E 9+50N	.1	16	136	13	1	62	1
L15E 9+75N	.2	6	213	16	21	150	3
L15E 10+00N	.1	16	108	9	20	90	1
L15E 0+00S	.6	33	119	23	10	96	2
L15E 0+25S	.2	32	107	20	19	94	4
L15E 0+50S	.5	7	139	17	20	121	2
L15E 0+75S	.2	17	114	26	15	115	1
L15E 1+00S	.6	24	101	26	11	97	1
L15E 1+25S	.5	24	124	14	19	87	1
L15E 1+50S	.1	16	201	30	12	126	3
L15E 1+75S	.1	8	241	55	17	160	1
L15E 2+00S	.5	32	128	38	13	108	2
L15E 2+25S	1.1	41	107	35	9	85	2
L15E 2+50S	.8	34	113	26	12	83	1
L15E 2+75S	.8	1	103	16	18	76	2
L15E 3+00S	.7	40	93	32	18	79	6
L15E 3+25S	.4	27	97	52	16	82	3
L15E 3+50S	.2	31	125	23	13	82	2
L15E 3+75S	.8	39	101	21	14	62	4
L15E 4+00S	.5	28	88	23	11	44	1
L15E 4+25S	.1	25	215	24	13	84	2
L15E 4+50S	1.3	2	96	41	15	78	3
L15E 4+75S	.7	24	101	15	11	59	2

COMPANY: HI-TEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1
PROJECT NO: B8BC005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-560/P4+5
ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:MAY 31, 1988

(VALUES IN PPM)		AG	AS	BA	CU	PB	ZN	AU-PPB
L15E 5+00S		1.5	35	141	37	20	85	3
L15E 5+25S		.1	38	172	31	20	129	1
L15E 5+50S		3.1	1	46	26	9	63	1
L15E 5+75S		2.0	17	63	31	19	68	7
L15E 6+00S		1.5	3	129	21	7	79	32
L15E 6+25S		.3	25	226	18	20	126	2
L15E 6+50S		1.8	6	113	13	18	69	4
L15E 6+75S		.1	24	282	16	13	75	1
L15E 7+00S		.1	47	171	42	1	86	1
L15E 7+25S		1.6	40	82	34	8	74	3
L15E 7+50S		2.0	45	90	23	22	73	2
L15E 7+75S		.3	33	129	23	12	101	5
L15E 8+00S		3.1	17	51	18	19	49	1
L15E 8+25S		.9	3	100	17	10	82	1
L15E 8+50S		2.4	6	70	33	17	56	1
L15E 8+75S		1.6	12	153	10	12	66	3
L15E 9+00S	40M	1.1	19	64	12	19	60	1
L15E 9+25S	40M	.1	17	75	36	34	101	2
L16E BL		.5	34	141	27	15	131	1
L16E 0+25S		1.5	43	97	32	16	102	2
L16E 0+50S		1.0	42	130	59	11	102	1
L16E 0+75S		1.5	6	79	53	18	84	2
L16E 1+00S		1.0	10	70	68	21	97	1
L16E 1+25S		.5	31	151	49	16	110	1
L16E 1+50S		.3	1	107	25	16	105	1
L16E 1+75S		1.4	4	118	54	15	103	2
L16E 2+00S		.7	28	142	18	15	102	1
L16E 2+25S		.8	33	163	22	17	110	1
L16E 2+50S		1.3	34	159	34	7	103	4
L16E 2+75S		.5	1	138	36	8	118	8
L16E 3+00S		.4	21	88	25	5	81	2
L16E 3+25S		.5	25	138	21	13	90	1
L16E 3+50S		.9	14	134	43	4	97	2
L16E 3+75S		1.8	32	86	69	4	84	2
L16E 4+00S		1.4	40	137	31	5	94	1
L16E 4+25S		1.3	39	131	38	13	70	1
L16E 4+50S		1.9	47	96	46	4	81	2
L16E 4+75S		2.1	43	115	35	10	75	4
L16E 5+00S		1.1	29	192	21	9	90	1
L16E 5+25S		1.0	46	119	18	13	110	3
L16E 5+50S		1.0	34	154	36	4	92	3
L16E 5+75S		.1	6	86	30	28	30	2
L16E 6+00S		2.1	40	296	23	12	79	1
L16E 6+25S		1.0	31	171	18	13	116	1
L16E 6+50S		1.5	39	184	30	2	99	2
L16E 6+75S		1.4	44	212	41	21	126	1
L16E 7+00S		1.2	35	172	38	7	112	1
L16E 7+25S		.2	32	220	28	4	130	2
L16E 7+50S		.9	8	201	16	13	159	2
L16E 7+75S		.7	61	140	55	18	150	19
L16E 8+00S		.9	41	92	28	3	127	1
L16E 8+25S		1.3	9	89	11	14	106	3
L16E 8+50S		1.4	12	66	13	12	81	2
L16E 8+75S		.7	29	78	48	24	67	6
L16E 9+00S		.1	34	139	99	27	169	1
L16E 9+25S		.1	91	128	50	49	152	1
L16E 9+50S		1.3	36	121	32	6	90	4
L16E 9+75S		1.1	31	155	45	15	91	2
L16E 10+00S		1.5	22	181	46	8	97	3
L16E 0+25N		.8	31	156	34	43	127	2

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PROJECT NO: 88BC005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-560/P6+7

ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:MAY 31, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L16E 0+50N	.6	30	120	29	18	91	1
L16E 0+75N	.2	39	183	39	9	106	1
L16E 1+00N	1.0	43	207	19	4	92	3
L16E 1+25N	1.1	4	178	21	11	76	1
L16E 1+50N	1.2	11	115	9	9	44	2
L16E 1+75N	1.4	42	147	16	10	53	1
L16E 2+00N	.4	15	184	27	27	39	1
L16E 2+25N	2.0	43	84	57	8	79	2
L16E 2+50N	1.4	30	137	29	4	99	5
L16E 2+75N	1.4	45	119	26	14	93	2
L16E 3+00N	1.3	34	92	30	9	96	2
L16E 3+25N	1.3	48	146	35	3	117	2
L16E 3+50N	1.1	48	137	31	1	114	2
L16E 3+75N	2.5	50	74	39	8	96	3
L16E 4+00N	1.2	3	98	17	19	110	1
L16E 4+25N	.8	44	142	61	17	126	1
L16E 4+50N	2.1	49	87	29	10	101	2
L16E 4+75N	1.4	40	127	21	5	104	1
L16E 5+00N	.6	37	129	19	10	120	1
L16E 5+25N	1.0	21	133	16	6	102	1
L16E 5+50N	.8	31	124	17	12	94	2
L16E 5+75N	.9	50	101	25	10	96	1
L16E 6+00N	.7	29	166	26	7	120	1
L16E 6+25N	.8	30	197	37	5	147	1
L16E 6+50N	.2	26	178	40	1	92	2
L16E 6+75N	.3	27	181	21	9	131	1
L16E 7+00N	.1	31	190	19	16	125	3
L16E 7+25N	.9	41	103	24	3	64	2
L16E 7+50N	1.6	27	149	41	15	123	4
L16E 7+75N	.8	31	138	33	5	74	3
L16E 8+00N	.5	7	198	63	28	30	2
L16E 8+25N	1.3	8	111	28	10	86	1
L16E 8+50N	1.2	2	159	18	7	67	1
L16E 8+75N	.7	32	152	48	1	82	2
L16E 9+00N	.6	22	147	27	2	97	2
L16E 9+25N	1.8	43	131	70	14	105	1
L16E 9+50N	1.1	41	99	22	1	93	2
L16E 9+75N	1.3	42	120	27	1	73	5
L16E 10+00N	.1	33	222	20	13	108	3
L17E BL	1.1	11	72	39	26	90	2
L17E 0+25N	1.6	41	71	55	8	77	1
L17E 0+50N	1.6	40	78	41	20	80	1
L17E 0+75N	.9	39	153	27	4	83	1
L17E 1+00N	.4	26	205	32	1	110	1
L17E 1+25N	1.9	1	69	33	13	79	1
L17E 1+50N	1.4	34	134	23	11	117	2
L17E 1+75N	1.1	32	152	19	10	99	1
L17E 2+00N	1.1	32	151	20	6	130	1
L17E 2+25N	1.3	41	169	75	113	80	3
L17E 2+50N	1.9	48	102	46	11	78	4
L17E 2+75N	1.3	38	159	20	15	104	1
L17E 3+00N	.6	35	141	32	15	120	1
L17E 3+25N	.7	31	164	34	8	111	2
L17E 3+50N	.6	37	123	21	8	107	1
L17E 3+75N	1.1	35	105	19	12	89	2
L17E 4+00N	.7	29	143	41	9	127	1
L17E 4+25N	.1	22	250	29	17	137	3
L17E 4+50N	1.5	40	106	31	15	100	2
L17E 4+75N	1.4	43	169	48	3	108	1
L17E 5+00N	1.2	49	136	33	13	112	2

COMPANY: HI-TEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88BC005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-560S/P8+9

ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:MAY 31, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L17E 5+25N	1.1	17	124	12	30	139	3
L17E 5+50N	.8	11	70	31	20	91	2
L17E 5+75N	.8	18	143	11	22	78	1
L17E 6+00N	.2	4	230	45	23	149	1
L17E 6+25N	.9	25	297	10	23	116	2
L17E 6+50N	.9	16	142	23	17	104	3
L17E 6+75N	.8	28	129	10	19	124	1
L17E 7+00N	1.0	17	110	22	18	92	4
L17E 7+25N	.8	15	307	12	24	77	1
L17E 7+50N	.8	11	135	31	10	99	5
L17E 7+75N	1.1	18	194	13	30	106	2
L17E 8+00N	.8	8	58	37	22	64	1
L17E 8+25N	.6	19	173	8	16	51	1
L17E 8+50N	.7	16	130	19	16	64	2
L17E 8+75N	.8	7	116	17	11	85	1
L17E 9+00N	.4	28	269	30	20	149	1
L17E 9+25N	.6	12	184	17	18	97	1
L17E 9+50N	1.5	50	177	56	9	127	3
L17E 9+75N	.9	12	159	14	18	131	2
L17E 10+00N	.5	11	109	15	15	87	4
L17E 0+25S	.2	31	150	28	14	79	1
L17E 0+50S	.7	17	97	20	16	92	1
L17E 0+75S	.7	6	106	29	12	95	2
L17E 1+00S	1.0	3	117	38	15	94	1
L17E 1+25S	.3	10	114	19	24	101	3
L17E 1+50S	.1	2	143	27	27	111	2
L17E 1+75S	.3	4	125	23	28	101	3
L17E 2+00S	.1	23	126	16	23	130	1
L17E 2+25S	.6	18	77	18	17	106	4
L17E 2+50S	.8	18	97	39	21	102	1
L17E 2+75S	.8	26	72	13	19	90	2
L17E 3+00S	.1	13	168	20	26	119	1
L17E 3+25S	.2	12	156	18	24	123	1
L17E 3+50S	.5	14	180	12	27	115	1
L17E 3+75S	.4	11	179	21	14	112	1
L17E 4+00S	1.1	22	112	27	30	95	2
L17E 4+25S	2.0	26	94	35	16	81	1
L17E 4+50S	1.1	22	148	21	17	88	3
L17E 4+75S	1.4	24	122	20	21	114	1
L17E 5+00S	1.2	29	129	17	24	111	2
L17E 5+25S	1.4	20	128	22	7	84	5
L17E 5+50S	1.5	32	86	42	22	70	1
L17E 5+75S	.8	14	131	27	14	102	6
L17E 6+00S	.7	23	116	31	33	50	1
L17E 6+25S	1.6	29	78	23	17	64	2
L17E 6+50S	1.4	23	119	35	18	85	1
L17E 6+75S	1.5	24	103	46	17	91	1
L17E 7+00S	1.0	27	136	63	4	93	3
L17E 7+25S	1.6	32	87	11	25	56	1
L17E 7+50S	1.8	33	71	15	24	54	2
L17E 7+75S	1.5	32	67	11	19	70	1
L17E 8+00S	.4	23	123	49	18	96	3
L17E 8+25S	.4	25	92	24	14	87	1
L17E 8+50S	.1	23	77	60	28	67	1
L17E 8+75S	.7	18	140	10	23	99	1
L17E 9+00S	1.4	31	98	17	15	99	2
L17E 9+25S	.8	16	169	64	6	111	1
L17E 9+50S	1.7	29	99	59	29	85	2
L17E 9+75S	1.4	30	120	38	21	88	1
L17E 10+00S	.1	13	243	36	20	108	22

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PROJECT NO: 88BC005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-560/P10+11

ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | # TYPE SOIL GEOCHEM # | DATE:MAY 31, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L18E BL	.1	32	96	39	14	60	1
L18E 0+25N	.4	33	125	38	14	68	2
L18E 0+50N	.2	24	147	41	18	94	2
L18E 0+75N	.8	28	126	26	14	87	1
L18E 1+00N	.4	37	161	26	18	101	1
L18E 1+25N	.3	1	82	59	48	164	2
L18E 1+50N	.4	43	260	25	40	186	2
L18E 1+75N	1.0	10	121	29	21	79	1
L18E 2+00N	.5	32	157	27	11	153	1
L18E 2+25N	.2	19	183	49	13	127	1
L18E 2+50N	1.3	8	107	27	8	157	3
L18E 2+75N	.7	35	147	28	16	112	1
L18E 3+00N	.6	38	124	21	20	89	1
L18E 3+25N	.9	28	146	19	10	108	1
L18E 3+50N	1.3	33	133	53	1	93	1
L18E 3+75N	.5	39	190	58	12	104	2
L18E 4+00N	.9	7	131	42	12	86	1
L18E 4+25N	.6	32	161	25	7	119	1
L18E 4+50N	.5	34	155	39	11	117	1
L18E 4+75N	.9	44	152	36	7	108	25
L18E 5+00N	.4	3	105	23	16	111	2
L18E 5+25N	.6	6	75	112	10	109	4
L18E 5+50N	.2	23	193	20	14	96	2
L18E 5+75N	.3	27	146	26	21	96	1
L18E 6+00N	.2	29	244	28	23	121	1
L18E 6+25N	.3	9	221	15	24	137	2
L18E 6+50N	.1	8	190	16	18	119	1
L18E 6+75N	.2	4	238	11	24	95	1
L18E 7+00N	.2	1	210	21	29	135	3
L18E 7+25N	.2	19	216	17	24	127	2
L18E 7+50N	.7	16	148	12	17	98	4
L18E 7+75N	.7	38	142	65	5	116	1
L18E 8+00N	1.4	45	205	106	11	120	1
L18E 8+25N	.2	15	368	22	31	162	2
L18E 8+50N	1.4	56	177	82	13	121	2
L18E 8+75N	.7	5	185	51	4	127	3
L18E 9+00N	.2	1	260	13	25	98	1
L18E 9+25N	.9	4	202	62	11	127	1
L18E 9+50N	.2	14	163	26	15	88	2
L18E 9+75N	.4	13	161	25	24	120	4
L18E 10+00N	.8	19	170	12	19	102	1
L18E 0+25S	1.1	15	104	19	15	61	1
L18E 0+50S	.9	16	110	23	17	68	1
L18E 0+75S	1.2	10	109	21	15	65	3
L18E 1+00S	.3	3	116	24	24	76	2
L18E 1+25S	1.3	15	124	53	19	82	2
L18E 1+50S	.8	23	98	16	29	102	3
L18E 1+75S	.5	14	122	21	19	100	2
L18E 2+00S	1.1	14	80	19	13	99	1
L18E 2+25S	.6	6	123	20	17	98	3
L18E 2+50S	.4	8	160	16	22	123	2
L18E 2+75S	.9	17	81	24	19	94	2
L18E 3+00S	.6	20	118	18	23	122	2
L18E 3+25S	.1	1	181	17	24	138	1
L18E 3+50S	.2	7	184	16	19	115	1
L18E 3+75S	1.5	12	89	38	13	75	4
L18E 4+00S	.1	20	289	18	28	141	1
L18E 4+25S	.5	17	175	28	32	120	2
L18E 4+50S	.4	12	138	24	21	100	1
L18E 4+75S	.3	12	164	18	27	110	2

COMPANY: HI-TEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88BC005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-560/P12+13

ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:MAY 31, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L18E 5+00S	.3	3	114	27	26	104	2
L1ME 5+25S 60M	.1	1	140	30	28	98	6
L18E 5+50S	.4	24	175	26	22	88	1
L18E 5+75S	1.4	16	88	37	21	63	3
L18E 6+00S	.1	17	93	31	25	26	1
L18E 6+25S	1.4	15	96	24	28	63	7
L18E 6+50S	.8	13	129	29	21	47	1
L18E 6+75S	1.8	19	95	33	21	83	2
L18E 7+00S	1.0	7	135	28	18	95	2
L18E 7+25S	1.3	17	138	31	24	83	1
L18E 7+50S	1.3	22	113	28	15	59	5
L18E 7+75S	.8	16	84	61	18	195	4
L18E 8+00S	.9	16	48	31	23	65	1
L18E 8+25S	1.2	25	50	19	16	63	3
L18E 8+50S	.1	2	93	42	23	89	2
L18E 8+75S N/S							
L18E 9+00S	.3	1	154	25	12	119	2
L18E 9+25S	1.2	23	119	17	17	77	4
L18E 9+50S	1.2	18	152	25	18	90	3
L18E 9+75S	.6	15	170	16	19	94	1
L18E 10+00S	1.0	12	153	24	18	82	1
L19E BL	1.2	7	97	38	11	75	1
L19E 0+25N	.5	7	84	22	15	86	2
L19E 0+50N	.8	6	121	35	16	97	6
L19E 0+75N	1.3	11	126	27	17	80	1
L19E 1+00N	1.3	8	97	41	18	76	2
L19E 1+25N	1.4	9	96	53	7	76	2
L19E 1+50N	1.2	11	102	43	9	84	1
L19E 1+75N	.4	10	118	20	17	93	3
L19E 2+00N	.5	19	58	19	20	64	2
L19E 2+25N	.3	8	98	30	19	83	1
L19E 2+50N	.7	2	111	26	16	79	2
L19E 2+75N	.8	10	158	24	20	138	2
L19E 3+00N	1.4	6	95	60	6	83	1
L19E 3+25N	1.4	1	121	28	11	76	1
L19E 3+50N	.4	9	180	20	17	113	2
L19E 3+75N	1.2	4	97	35	21	84	3
L19E 4+00N	1.1	1	117	46	18	82	1
L19E 4+25N	1.0	1	158	33	14	91	2
L19E 4+50N	1.2	7	106	56	13	84	1
L19E 4+75N	1.3	11	133	27	13	108	1
L19E 5+00N	1.3	15	103	49	13	108	2
L19E 5+25N	.9	20	96	14	19	75	1
L19E 5+50N	.8	36	177	39	12	113	2
L19E 5+75N	1.0	15	147	21	18	96	2
L19E 6+00N	1.3	38	107	96	9	117	1
L19E 6+25N	.8	18	160	28	20	91	1
L19E 6+50N	.9	13	109	21	13	98	1
L19E 6+75N	1.2	5	133	64	7	99	2
L19E 7+00N	.6	10	304	15	21	122	3
L19E 7+25N	.9	25	150	72	8	123	2
L19E 7+50N	1.3	8	170	32	8	99	1
L19E 7+75N	1.4	2	126	39	15	88	2
L19E 8+00N	.7	18	328	12	22	101	2
L19E 8+25N	.4	8	250	14	17	117	4
L19E 8+50N	.6	14	118	17	11	83	2
L19E 8+75N	.6	16	187	19	17	112	1
L19E 9+00N	.6	7	223	23	16	102	2
L19E 9+25N	.5	9	147	12	22	73	1
L19E 9+50N	.5	9	141	18	22	74	2

COMPANY: HI-TEC RESOURCE MANAGEMENT — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88BC005 — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-560S/P14+15

ATTENTION: P.SORBARA — (604)980-5814 OR (604)988-4524 — # TYPE SOIL GEOCHEM # — DATE:MAY 31, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L19E 9+75N	1.1	27	131	22	17	82	2
L19E 10+00N	.9	19	200	66	15	105	5
L19E 0+25S	1.4	21	120	28	22	64	2
L19E 0+50S	1.4	25	137	46	22	64	3
L19E 0+75S	1.6	21	130	49	22	80	4
L19E 1+00S	1.4	26	101	33	29	93	2
L19E 1+25S	1.7	26	84	40	24	93	1
L19E 1+50S	1.3	17	112	28	23	106	8
L19E 1+75S	1.3	22	127	27	30	107	1
L19E 2+00S	.6	20	112	25	22	101	3
L19E 2+25S	1.3	30	90	21	27	104	2
L19E 2+50S	1.2	20	95	50	63	130	1
L19E 2+75S	.9	24	100	22	22	125	2
L19E 3+00S	1.1	20	117	28	40	133	2
L19E 3+25S	1.0	18	115	13	31	169	3
L19E 3+50S	.9	19	110	16	24	108	9
L19E 3+75S	1.1	25	104	13	24	123	2
L19E 4+00S	1.6	25	86	41	26	98	4
L19E 4+25S	.1	1	194	17	29	173	1
L19E 4+50S	.9	20	122	21	26	113	3
L19E 4+75S	1.6	32	104	19	26	89	7
L19E 5+00S	1.3	25	85	30	25	71	1
L19E 5+25S	1.3	25	116	42	26	85	2
L19E 5+50S	.8	14	122	36	69	113	1
L19E 5+75S	1.5	19	51	33	27	58	1
L19E 6+00S	.8	25	100	41	33	94	2
L19E 6+25S	.7	26	48	22	24	24	3
L19E 6+50S	1.4	26	76	22	30	117	2
L19E 6+75S	1.6	35	47	10	21	54	2
L19E 7+00S	1.5	30	47	58	27	56	1
L19E 7+25S	1.0	23	79	18	21	65	2
L19E 7+50S	.2	4	127	27	18	87	8
L19E 7+75S	1.0	23	131	17	22	106	4
L19E 8+00S	.5	21	68	29	24	92	33
L19E 8+25S	.7	19	58	47	20	83	2
L19E 8+50S	.1	16	52	25	23	27	3
L19E 8+75S	1.1	17	68	19	19	87	1
L19E 9+00S	.9	11	75	20	17	65	2
L19E 9+25S	.3	8	98	21	16	99	5
L19E 9+50S	.9	19	94	22	17	67	1
L19E 9+75S	1.1	18	74	22	17	50	3
L19E 10+00S	1.3	25	98	13	22	42	1
L20E BL	.8	14	141	21	20	95	2
L20E 0+25N	1.1	14	93	25	15	66	2
L20E 0+50N	1.4	21	105	43	15	79	2
L20E 0+75N	.7	6	176	27	14	115	1
L20E 1+00N	.8	21	125	15	24	88	1
L20E 1+25N	.6	7	132	17	19	78	2
L20E 1+50N	.5	13	130	16	20	78	3
L20E 1+75N	1.5	6	90	36	15	76	2
L20E 2+00N	1.2	17	125	25	18	81	6
L20E 2+25N	1.2	22	120	25	21	87	1
L20E 2+50N	N/S						
L20E 2+75N	.7	6	138	42	20	110	3
L20E 3+00N	.9	21	135	33	21	91	1
L20E 3+25N	.7	18	140	26	21	94	1
L20E 3+50N	1.4	20	61	136	20	81	2
L20E 3+75N	1.0	10	136	37	12	91	1
L20E 4+00N	.7	15	144	87	14	100	1
L20E 4+25N	.5	25	127	33	16	70	1

COMPANY: HI-TEC RESOURCE MANAGEMENT — ASSAY CERTIFICATE — PAGE 1 OF 1
PROJECT NO: 88BC005 — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-560/P16+17
ATTENTION: P.SORBARA — (604)980-5814 OR (604)988-4524 — * TYPE SOIL GEOCHEM * — DATE:MAY 31, 1988

(VALUES IN PPM)		AG	AS	BA	CU	PB	ZN	AU-PPB
L20E 4+50N		.4	10	117	52	21	112	1
L20E 4+75N	N/S							
L20E 5+00N		.8	6	202	26	27	112	3
L20E 5+25N		.2	9	203	21	22	116	1
L20E 5+50N		1.5	30	109	23	24	101	1
L20E 5+75N		2.2	22	94	90	10	106	2
L20E 6+00N	N/S							
L20E 6+25N		1.3	20	182	47	16	101	2
L20E 6+50N		1.9	16	170	101	13	97	1
L20E 6+75N		1.0	3	232	98	12	124	2
L20E 7+00N	40M	.7	27	91	72	22	92	4
L20E 7+25N		1.0	20	149	36	19	113	2
L20E 7+50N		1.3	13	143	77	14	128	6
L20E 7+75N		1.8	15	120	104	13	111	3
L20E 8+00N	N/S							
L20E 8+25N		.1	1	276	48	20	160	1
L20E 8+50N		1.1	13	219	52	18	127	2
L20E 8+75N		.6	24	69	24	17	90	5
L20E 9+00N		.8	19	188	27	20	98	2
L20E 9+25N		1.0	21	112	44	14	72	7
L20E 9+50N		.8	20	127	56	19	92	3
L20E 9+75N		.4	17	187	21	22	88	4
L20E 10+00N		1.1	7	97	115	9	113	4
L20E 0+25S	40M	2.0	21	76	66	23	83	1
L20E 0+50S		1.1	16	114	36	24	72	3
L20E 0+75S	40M	2.0	20	86	60	16	86	2
L20E 1+00S		.9	19	115	28	20	94	3
L20E 1+25S		1.1	24	74	14	23	88	3
L20E 1+50S		.6	19	137	20	33	121	1
L20E 1+75S		1.0	25	90	36	25	97	2
L20E 2+00S		1.3	33	92	21	22	112	2
L20E 2+25S		.8	23	114	23	26	111	3
L20E 2+50S		.7	16	172	27	23	135	1
L20E 2+75S		1.4	31	97	23	27	119	1
L20E 3+00S		1.1	30	92	25	23	99	2
L20E 3+25S	40M	1.5	33	74	34	36	86	4
L20E 3+50S		.9	30	120	24	23	109	6
L20E 3+75S		1.1	34	98	19	31	127	3
L20E 4+00S		.6	17	112	67	29	101	1
L20E 4+25S		1.0	19	91	42	34	105	5
L20E 4+50S		.5	24	154	24	887	547	1
L20E 4+75S		1.7	12	131	31	496	821	1
L20E 5+00S		.6	24	164	15	1115	1282	3
L20E 5+25S		1.2	26	93	21	117	164	2
L20E 5+50S		1.5	26	113	28	44	118	1
L20E 5+75S		1.6	28	89	56	34	74	1

COMPANY: HI-TEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88-BC-005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-609/P1+2

ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:JUNE 8, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L2+00W 0+00	.2	6	138	13	33	65	2
L2+00W 0+25S	.9	5	123	24	35	105	1
L2+00W 0+50S	2.5	18	108	29	38	101	2
L2+00W 0+75S	.9	6	170	13	40	96	3
L2+00W 1+00S	1.5	9	124	13	37	98	4
L2+00W 1+25S	.8	12	307	16	31	90	1
L2+00W 1+50S	1.1	6	86	11	37	77	2
L2+00W 1+75S	.9	10	125	29	37	104	3
L2+00W 2+00S	.8	2	94	11	26	71	2
L2+00W 2+25S	2.0	12	61	36	41	90	1
L2+00W 2+50S	2.4	12	43	38	37	85	1
L2+00W 2+75S	.5	7	214	14	36	108	2
L2+00W 3+00S	.3	5	214	11	31	101	3
L2+00W 3+25S	2.1	16	6	12	18	8	2
L2+00W 3+50S	1.6	8	61	65	41	81	1
L2+00W 3+75S	.2	6	61	7	25	60	1
L2+00W 4+00S	.2	4	142	8	32	64	2
L2+00W 4+25S	.6	4	124	11	35	83	1
L2+00W 4+50S	.3	12	119	36	36	96	3
L2+00W 4+75S	.4	2	117	14	32	91	2
L2+00W 5+00S	1.0	2	125	20	36	85	5
L3+00W 0+00	.5	1	104	13	31	85	2
L3+00W 0+25S	.7	1	94	10	24	72	1
L3+00W 0+50S	.2	7	200	14	29	113	2
L3+00W 0+75S	.2	12	109	28	30	108	3
L3+00W 1+00S	.3	1	240	12	32	77	1
L3+00W 1+25S	.4	2	237	7	32	65	2
L3+00W 1+50S	.4	1	136	16	38	94	2
L3+00W 1+75S	.6	7	63	5	24	41	1
L3+00W 2+00S	.4	11	78	18	33	65	3
L3+00W 2+25S	.5	7	112	13	26	68	1
L3+00W 2+50S	.4	1	147	18	38	98	4
L3+00W 2+75S	.3	6	160	8	33	135	16
L3+00W 3+00S	.9	5	129	22	27	91	3
L3+00W 3+25S	.3	3	182	7	32	96	2
L3+00W 3+50S	.3	5	115	13	32	111	2
L3+00W 3+75S	.6	1	102	16	40	106	1
L3+00W 4+00S	.2	4	256	11	40	149	3
L3+00W 4+25S	N/S						
L3+00W 4+50S	1.0	9	141	13	30	89	2
L3+00W 4+75S	.4	7	155	8	29	88	1
L3+00W 5+00S	2.1	10	64	35	32	71	2
L4+00W 0+00	1.5	7	80	19	26	68	2
L4+00W 0+25S	1.5	9	64	22	31	66	1
L4+00W 0+50S	1.6	8	68	6	29	63	1
L4+00W 0+75S	1.0	5	56	5	25	50	3
L4+00W 1+00S	.9	5	98	16	28	58	2
L4+00W 1+25S	2.1	11	69	20	33	73	2
L4+00W 1+50S	2.4	12	63	44	35	79	3
L4+00W 1+75S	2.2	10	20	7	24	44	1
L4+00W 2+00S	.3	3	263	145	42	72	4
L4+00W 2+25S	1.0	2	119	14	29	86	9
L4+00W 2+50S	.3	1	98	6	26	80	2
L4+00W 2+75S	.3	9	160	7	33	95	3
L4+00W 3+00S	.4	2	143	8	27	81	2
L4+00W 3+25S	1.0	7	77	73	41	70	7
L4+00W 3+50S	.3	6	89	30	34	89	3
L4+00W 3+75S	.4	10	88	8	30	80	1
L4+00W 4+00S	.3	1	49	11	27	49	2
L4+00W 4+25S	.1	5	96	22	23	74	1

COMPANY: HI-TEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88-BC-005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-609/P3+4

ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:JUNE 8, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L4+00W 4+50S	.3	3	120	6	30	64	1
L4+00W 4+75S	.4	2	123	12	29	68	3
L4+00W 5+00S	.3	7	77	7	31	63	1
L4+00W 5+25S	.4	3	74	22	32	74	2
L4+00W 5+50S	.4	7	100	9	28	100	3
L4+00W 5+75S	.4	6	105	9	34	90	1
L4+00W 6+00S	.2	6	74	6	26	63	3
L4+00W 6+25S	.3	4	28	4	22	36	1
L4+00W 6+50S	.4	6	67	24	30	72	2
L4+00W 6+75S	.3	7	72	15	34	80	5
L4+00W 7+00S	.3	2	63	9	29	72	3
L4+00W 7+25S	.7	8	42	10	25	47	2
L4+00W 7+50S	N/S						
L4+00W 7+75S	.8	7	118	18	32	75	3
L4+00W 8+00S	.6	5	117	25	37	109	2
L5+00W 0+00	4.5	43	80	63	82	63	3
L5+00W 0+25S	1.4	12	77	13	39	80	1
L5+00W 0+50S	.3	10	131	79	29	100	1
L5+00W 0+75S	.9	6	89	19	33	90	2
L5+00W 1+00S	.3	8	46	13	31	101	1
L5+00W 1+25S	.4	1	203	7	31	110	3
L5+00W 1+50S	.3	5	131	74	32	74	10
L5+00W 1+75S	.6	3	52	7	22	43	2
L5+00W 2+00S	.3	12	110	13	30	53	2
L5+00W 2+25S	.5	13	117	9	32	65	1
L5+00W 2+50S	1.3	10	124	9	34	85	2
L5+00W 2+75S	.6	2	75	4	32	75	3
L5+00W 3+00S	.3	3	94	10	29	72	2
L5+00W 3+25S	.9	4	100	11	30	90	1
L5+00W 3+50S	.8	7	107	13	26	69	3
L5+00W 3+75S	.2	2	123	14	36	88	2
L5+00W 4+00S	1.1	5	72	4	35	59	4
L5+00W 4+25S	.5	6	121	17	35	84	1
L5+00W 4+50S	.3	8	110	10	39	84	8
L5+00W 4+75S	.5	3	106	8	38	78	1
L5+00W 5+00S	.5	10	67	10	28	64	3
L5+00W 5+25S	.9	8	95	14	34	91	6
L5+00W 5+50S	N/S						
L5+00W 5+75S	.9	3	77	8	31	81	1
L5+00W 6+00S	.2	3	60	9	27	82	3
L5+00W 6+25S	.7	2	63	3	27	78	2
L5+00W 6+50S	N/S						
L5+00W 6+75S	N/S						
L5+00W 7+00S	N/S						
L5+00W 7+25S	.3	2	106	41	25	80	21
L5+00W 7+50S	.8	5	100	18	29	86	82
L5+00W 7+75S	.6	3	81	26	34	84	265
L5+00W 8+00S	1.4	6	98	35	34	77	3
L6+00W 0+00	.5	1	142	17	32	116	2
L6+00W 0+25S	.1	3	153	8	31	90	1
L6+00W 0+50S	1.3	7	112	9	29	83	15
L6+00W 0+75S	.8	4	91	27	28	68	3
L6+00W 1+00S	1.6	9	68	10	31	66	2
L6+00W 1+25S	1.8	12	75	34	35	74	4
L6+00W 1+50S	.9	1	122	11	30	94	1
L6+00W 1+75S	.2	9	125	12	28	69	1
L6+00W 2+00S	1.7	8	118	21	35	74	2
L6+00W 2+25S	.5	3	160	14	30	65	3
L6+00W 2+50S	.7	1	116	11	25	64	4
L6+00W 2+75S	1.0	6	119	14	39	67	1

COMPANY: HI-TEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: BB-BC-005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-609/P5+6

ATTENTION: P.SORBARA | (604)980-5814 OR (604)988-4524 | * TYPE SOIL GEOCHEM * | DATE:JUNE 8, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L6+00W 3+00S	.8	8	103	20	38	95	2
L6+00W 3+25S	.5	6	103	25	34	77	1
L6+00W 3+50S	1.0	8	112	17	36	90	3
L6+00W 3+75S	1.4	9	78	31	40	91	2
L6+00W 4+00S	.7	6	89	15	36	69	2
L6+00W 4+25S	1.0	9	75	18	38	64	4
L6+00W 4+50S	.4	3	84	12	33	87	2
L6+00W 4+75S	.4	1	133	6	25	73	1
L6+00W 5+00S	.5	1	116	3	30	144	5
L6+00W 5+25S	N/S						
L6+00W 5+50S	N/S						
L6+00W 5+75S	N/S						
L6+00W 6+00S	N/S						
L6+00W 6+25S	N/S						
L6+00W 6+50S	N/S						
L6+00W 6+75S	.2	1	49	7	21	52	3
L6+00W 7+00S	1.2	11	141	43	35	69	1
L6+00W 7+25S	1.1	12	72	36	40	80	2
L6+00W 7+50S	1.0	12	77	31	35	77	2
L6+00W 7+75S	.5	1	86	7	24	51	3
L6+00W 8+00S	.8	5	133	18	29	75	1
L7+00W 0+00	.9	2	123	18	32	110	2
L7+00W 0+25S	1.0	6	117	18	30	83	2
L7+00W 0+50S	.8	6	43	23	26	74	3
L7+00W 0+75S	.1	3	108	53	30	91	1
L7+00W 1+00S	.5	3	71	15	28	56	3
L7+00W 1+25S	.7	3	112	10	31	65	2
L7+00W 1+50S	.3	5	115	28	38	94	1
L7+00W 1+75S	.3	9	82	7	24	59	2
L7+00W 2+00S	.3	4	84	17	26	63	3
L7+00W 2+25S	1.4	9	84	17	35	69	1
L7+00W 2+50S	.9	8	94	11	35	82	3
L7+00W 2+75S	.8	4	109	10	35	73	2
L7+00W 3+00S	.8	4	106	12	31	80	2
L7+00W 3+25S	.9	5	104	22	31	88	6
L7+00W 3+50S	.7	7	131	9	33	94	2
L7+00W 3+75S	.1	5	170	7	38	105	1
L7+00W 5+50S	.9	12	106	43	41	101	2
L7+00W 5+75S	.3	5	112	39	49	81	1
L7+00W 6+00S	1.8	14	74	13	42	88	2
L7+00W 6+25S	.6	11	186	31	43	122	3
L7+00W 6+50S	1.6	11	85	11	36	87	2
L7+00W 6+75S	1.0	7	134	12	33	93	2
L7+00W 7+00S	1.2	5	119	7	28	61	5
L7+00W 7+25S	.8	6	101	6	27	82	1
L7+00W 7+50S	.2	5	273	6	41	123	2
L7+00W 7+75S	.7	6	39	11	22	37	1
L7+00W 8+00S	1.3	6	87	18	35	73	1
L8+00W 0+00	1.0	6	92	11	32	73	3
L8+00W 0+25S	.3	6	170	11	33	84	2
L8+00W 0+50S	1.5	8	47	7	23	42	1
L8+00W 0+75S	1.2	13	96	6	33	92	2
L8+00W 1+00S	1.2	10	127	8	32	90	4
L8+00W 1+25S	1.0	7	88	9	32	76	3

COMPANY: HI-TEC RESOURCE MANAGEMENT — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88-BC-005 — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-609/P7

ATTENTION: P.SORBARA — (604)980-5814 OR (604)988-4524 — * TYPE SOIL GEOCHEM * — DATE:JUNE 8, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
L8+00W 1+50S	.3	7	126	32	31	109	2
L8+00W 1+75S	.6	7	128	15	31	86	3
L8+00W 2+00S	1.3	11	127	11	34	84	1
L8+00W 2+25S	.8	8	160	16	31	95	2
L8+00W 2+50S	.6	7	128	14	35	104	3
L8+00W 2+75S	.8	13	105	27	41	100	2
L8+00W 3+00S	.4	11	95	44	38	108	1
L8+00W 3+25S	1.1	14	81	13	34	116	4
L8+00W 3+50S	1.1	7	97	2	34	159	2
L8+00W 3+75S	N/S						
L8+00W 4+00S	.3	9	123	38	37	146	1
L8+00W 4+25S	N/S						
L8+00W 4+50S	.9	5	64	12	24	74	1
L8+00W 4+75S	.3	2	103	7	34	110	2
L8+00W 5+00S	N/S						
L8+00W 5+25S	.3	10	96	26	38	102	3
L8+00W 5+50S	.6	8	115	14	36	104	1
L8+00W 5+75S	1.2	6	67	11	27	52	7
L8+00W 6+00S	1.1	5	82	5	32	62	16
L8+00W 6+25S 40M	.7	7	64	29	32	77	2
L8+00W 6+50S	N/S						
L8+00W 6+75S	1.3	10	50	15	28	61	2
L8+00W 7+00S	1.8	14	53	3	29	51	3
L8+00W 7+25S	.6	3	91	7	30	84	1
L8+00W 7+50S	.4	6	105	4	32	93	6
L8+00W 7+75S	1.1	7	59	4	28	50	2
L8+00W 8+00S	1.1	6	72	5	27	54	1
88ASL 3 (SILT)	.3	14	100	40	26	30	4

COMPANY: HI TEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88 BC 005 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-5608

ATTENTION: P. SORBARA | (604)980-5814 OR (604)988-4524 | * TYPE SILT GEOCHEM * | DATE:MAY 30, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	ZN	AU-PPB
88ASL 01	.2	24	31	25	26	32	3
88ASL 02	.4	32	40	16	25	21	2

APPENDIX V

Statistical Data

MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AG

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

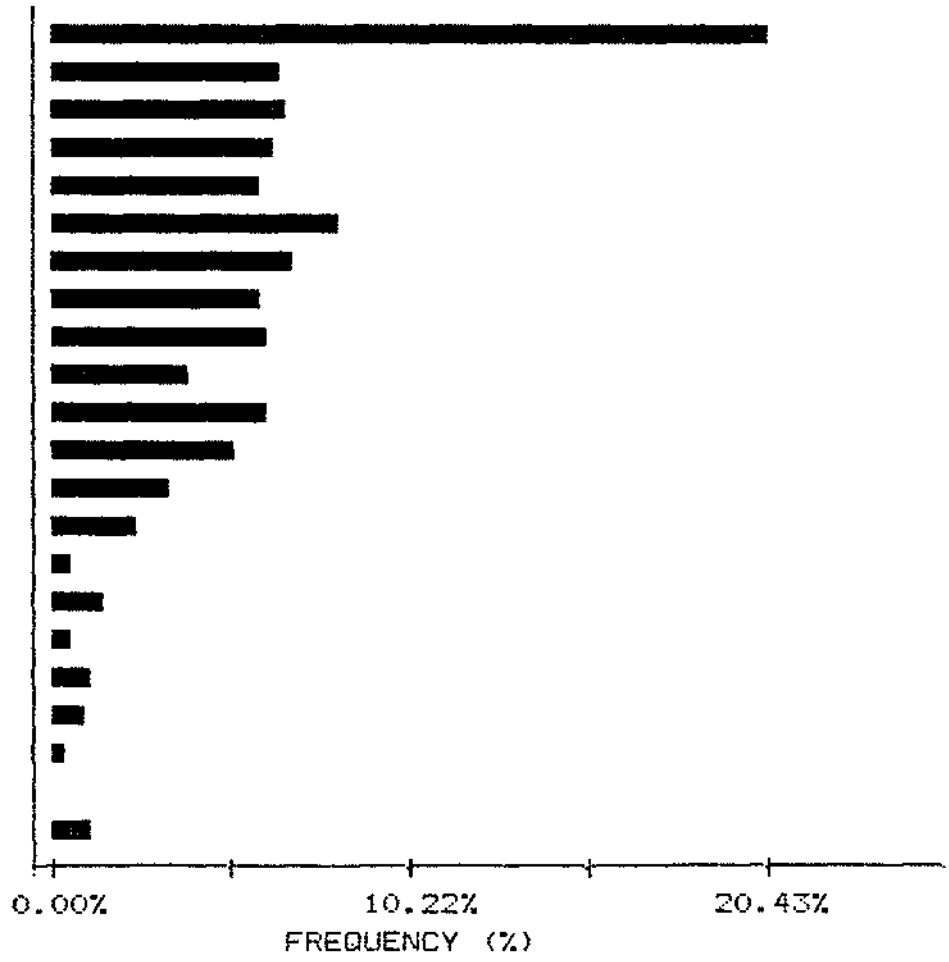
NUMBER OF SAMPLES:	646
MAXIMUM VALUE:	4.5 PPM
MINIMUM VALUE:	0.1 PPM
MEAN:	0.9 PPM
STD. DEVIATION:	0.5 PPM
COEFF. OF VARIATION:	0.6

5 HIGHEST AG VALUES:

L5+00W 0+00	4.5 PPM
L15E 5+50S	3.1 PPM
L15E 8+00S	3.1 PPM
L16E 3+75N	2.5 PPM
L2+00W 0+50S	2.5 PPM

HISTOGRAM FOR AG CLASS INTERVAL = 0.10

	MID CLASS PPM	CLASS %
<	0.40	20.43
	0.45	6.50
	0.55	6.66
	0.65	6.35
	0.75	5.88
	0.85	8.20
	0.95	6.81
	1.05	5.88
	1.15	6.19
	1.25	3.87
	1.35	6.04
	1.45	5.26
	1.55	3.41
	1.65	2.48
	1.75	0.62
	1.85	1.39
	1.95	0.62
	2.05	1.08
	2.15	0.93
	2.25	0.31
	2.35	0.00
>	2.40	1.08



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

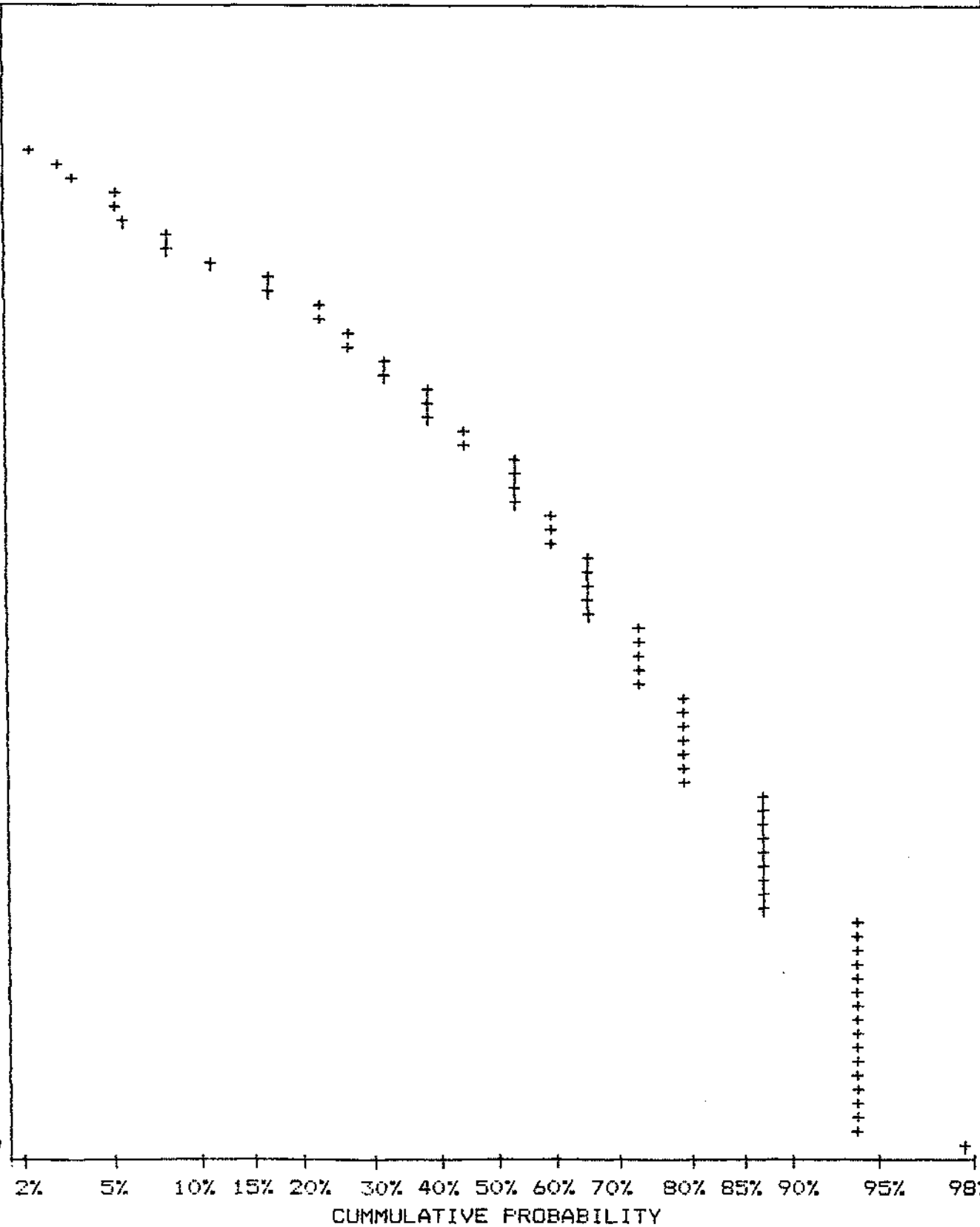
TELEX: USA 760167 PHONE:(604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AG

COMPANY:HI-TEC RESOURCE MANAGEMENT
ATTN:P.SORBARA
PROJECT:88BC005
FILE#:8-560/609

DATE:AUGUST 8/88
SAMPLE TYPE:SOIL
ANALYSIS TYPE:GEOCHEM

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
2.30	1.08
2.11	1.39
1.94	3.41
1.78	5.42
1.64	6.04
1.51	8.51
1.38	17.18
1.27	23.22
1.17	27.09
1.07	33.28
0.99	39.16
0.91	39.16
0.83	45.98
0.76	54.18
0.70	54.18
0.65	60.06
0.59	66.41
0.54	66.41
0.50	66.41
0.46	73.07
0.42	73.07
0.39	79.57
0.36	79.57
0.33	79.57
0.30	79.57
0.28	87.46
0.25	87.46
0.23	87.46
0.21	87.46
0.20	93.81
0.18	93.81
0.17	93.81
0.15	93.81
0.14	93.81
0.13	93.81
0.12	93.81
0.11	93.81
0.10	97.99



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AS

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

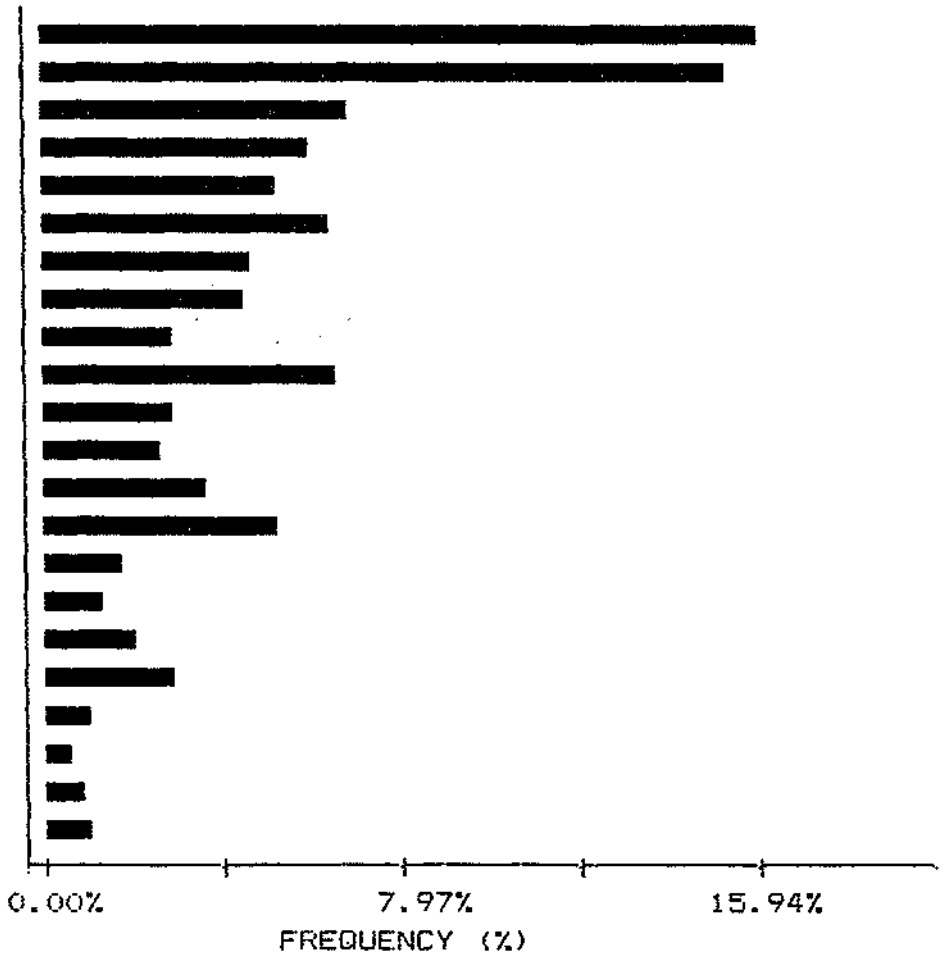
NUMBER OF SAMPLES:	646
MAXIMUM VALUE:	91.0 PPM
MINIMUM VALUE:	1.0 PPM
MEAN:	17.3 PPM
STD. DEVIATION:	13.3 PPM
COEFF. OF VARIATION:	0.8

5 HIGHEST AS VALUES:

L16E 9+25S	91.0 PPM
L16E 7+75S	61.0 PPM
L18E 8+50N	56.0 PPM
L15E 1+00N	51.0 PPM
L15E 1+25N	51.0 PPM

HISTOGRAM FOR AS CLASS INTERVAL = 2.25

	MID CLASS PPM	CLASS %
<	5.00	15.94
	6.13	15.17
	8.37	6.81
	10.63	5.88
	12.87	5.26
	15.12	6.35
	17.37	4.64
	19.62	4.49
	21.88	2.94
	24.12	6.50
	26.37	2.94
	28.62	2.63
	30.87	3.56
	33.13	5.26
	35.37	1.70
	37.62	1.24
	39.87	2.01
	42.12	2.94
	44.38	1.08
	46.62	0.62
	48.87	0.93
>	50.00	1.08



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AS

COMPANY: HI-TEC RESOURCE MANAGEMENT

ATTN: P. SORBARA

PROJECT: 88BC005

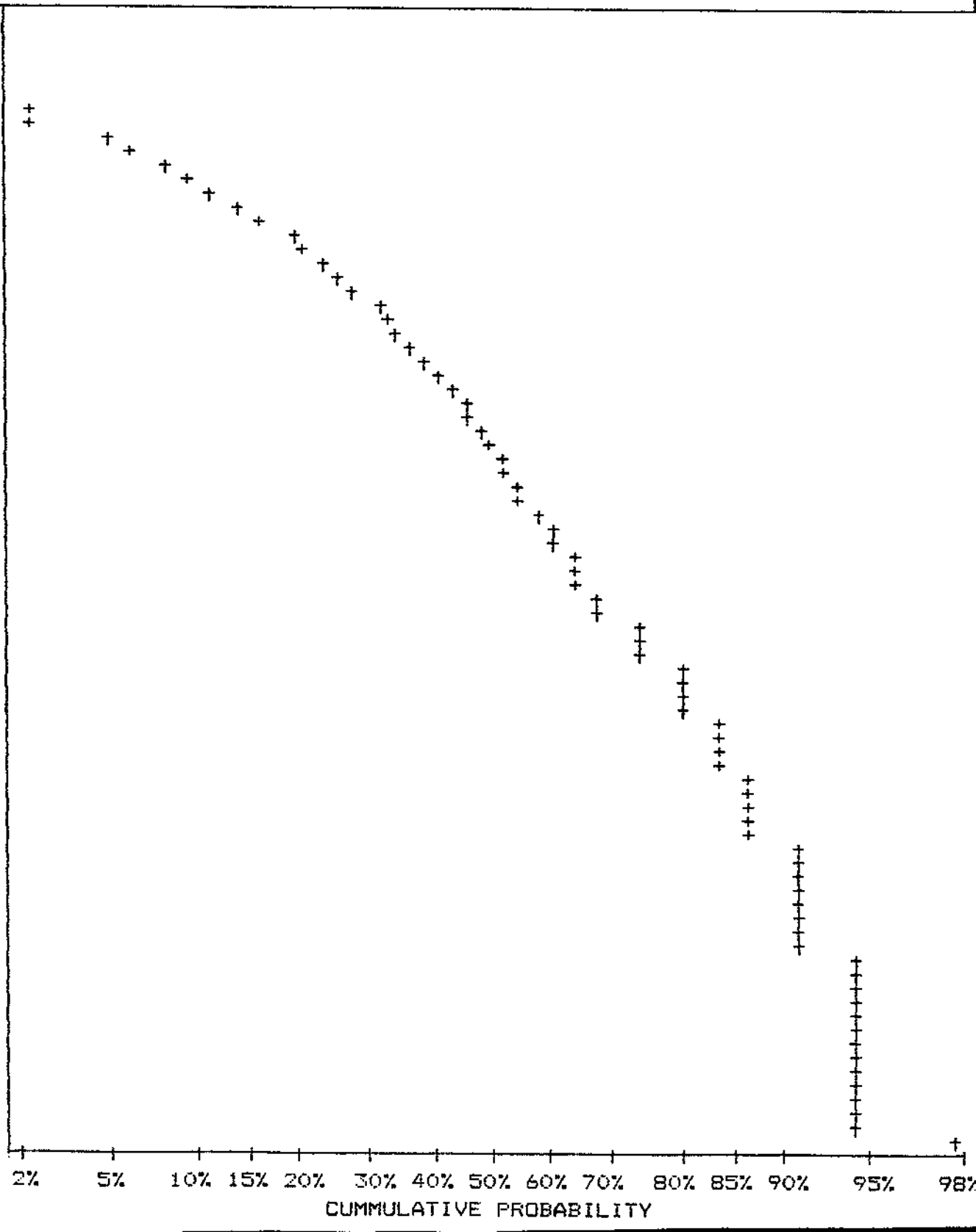
FILE#: 8-560/609

DATE: AUGUST 8/88

SAMPLE TYPE: SOIL

ANALYSIS TYPE: GEOCHEM

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
47.46	2.01
42.76	5.11
38.52	8.67
34.71	11.61
31.27	16.87
28.17	21.83
25.38	26.01
22.87	32.51
20.60	35.45
18.56	39.94
16.72	44.58
15.06	47.21
13.57	50.93
12.23	52.63
11.02	56.19
9.92	62.07
8.94	64.86
8.06	64.86
7.26	68.89
6.54	74.30
5.89	80.50
5.31	80.50
4.78	84.06
4.31	84.06
3.88	86.84
3.50	86.84
3.15	86.84
2.84	91.02
2.56	91.02
2.30	91.02
2.08	91.02
1.87	94.58
1.68	94.58
1.52	94.58
1.37	94.58
1.23	94.58
1.11	94.58
1.00	97.99



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON BA

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

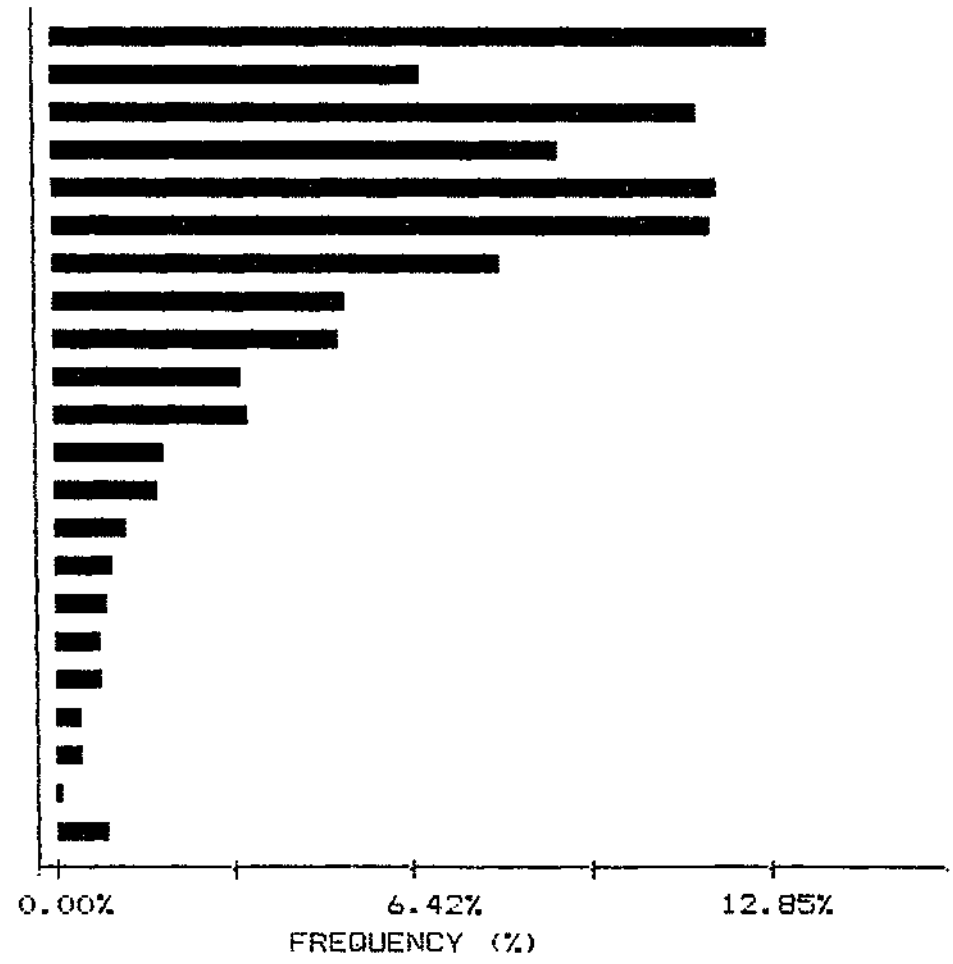
NUMBER OF SAMPLES:	646
MAXIMUM VALUE:	368.0 PPM
MINIMUM VALUE:	6.0 PPM
MEAN:	126.7 PPM
STD. DEVIATION:	50.4 PPM
COEFF. OF VARIATION:	0.4

5 HIGHEST BA VALUES:

L18E 8+25N	368.0 PPM
L19E 8+00N	328.0 PPM
L17E 7+25N	307.0 PPM
L2+00W 1+25S	307.0 PPM
L19E 7+00N	304.0 PPM

HISTOGRAM FOR BA CLASS INTERVAL = 10.95

	MID CLASS PPM	CLASS %
<	77.00	12.85
	82.47	6.66
	93.42	11.61
	104.37	9.13
	115.32	11.92
	126.27	11.76
	137.22	8.05
	148.17	5.26
	159.12	5.11
	170.07	3.41
	181.02	3.56
	191.97	2.01
	202.92	1.86
	213.87	1.24
	224.82	1.08
	235.77	0.93
	246.72	0.77
	257.67	0.77
	268.62	0.46
	279.57	0.46
	290.52	0.15
>	296.00	0.93



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

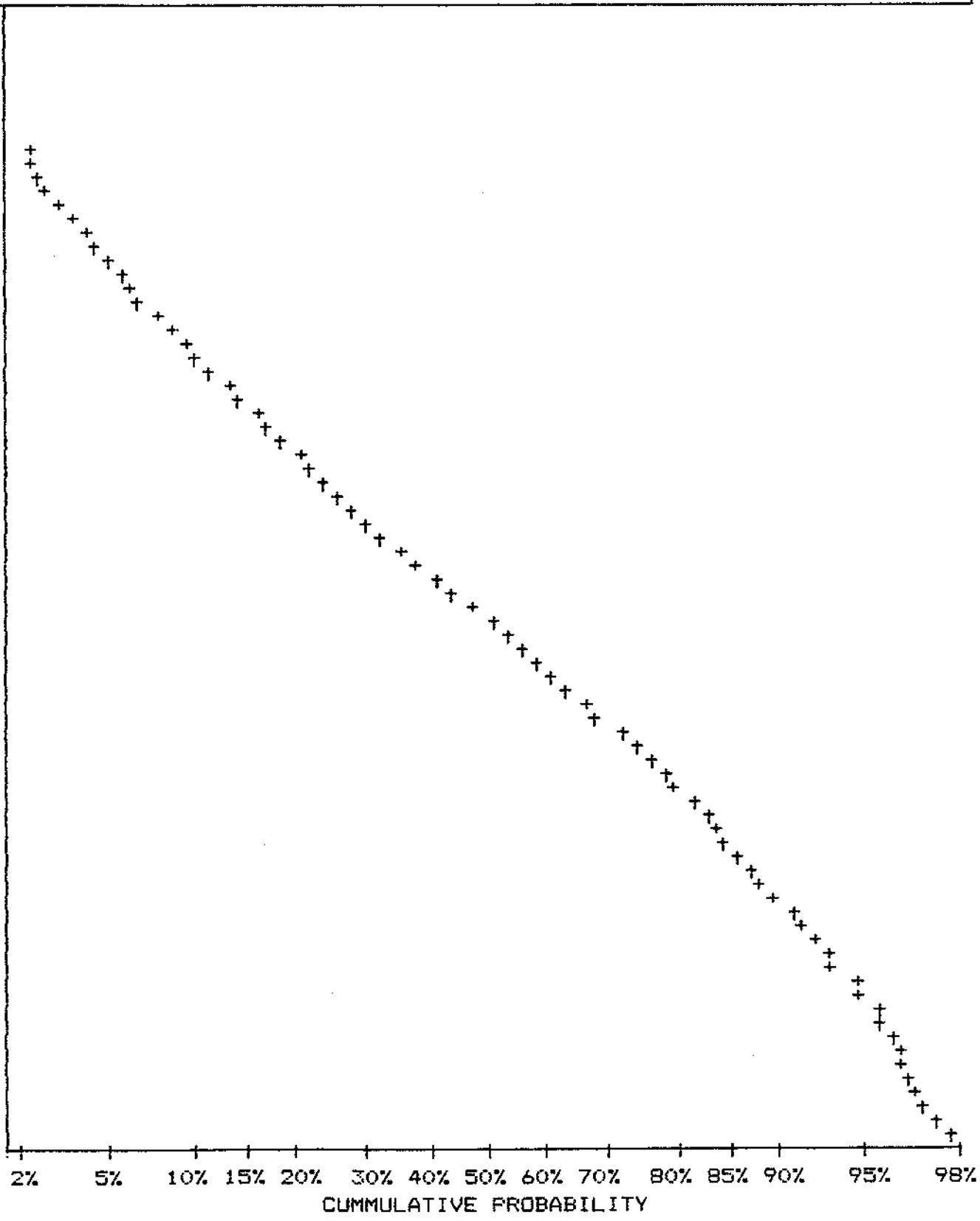
TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON BA

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
288.91	1.08
275.23	1.55
262.19	2.17
249.78	3.10
237.95	4.02
226.68	4.64
215.95	5.88
205.72	6.97
195.98	8.98
186.70	10.68
177.86	13.62
169.44	16.56
161.41	18.73
153.77	22.76
146.49	26.47
139.55	30.80
132.94	35.91
126.65	41.33
120.65	47.83
114.94	54.95
109.50	59.75
104.31	64.40
99.37	68.58
94.67	74.46
90.18	78.02
85.91	82.04
81.84	84.06
77.97	86.07
74.28	88.39
70.76	90.87
67.41	92.41
64.22	93.19
61.18	94.74
58.28	95.67
55.52	96.28
52.89	96.44
50.39	97.06
48.00	97.99



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON CU

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

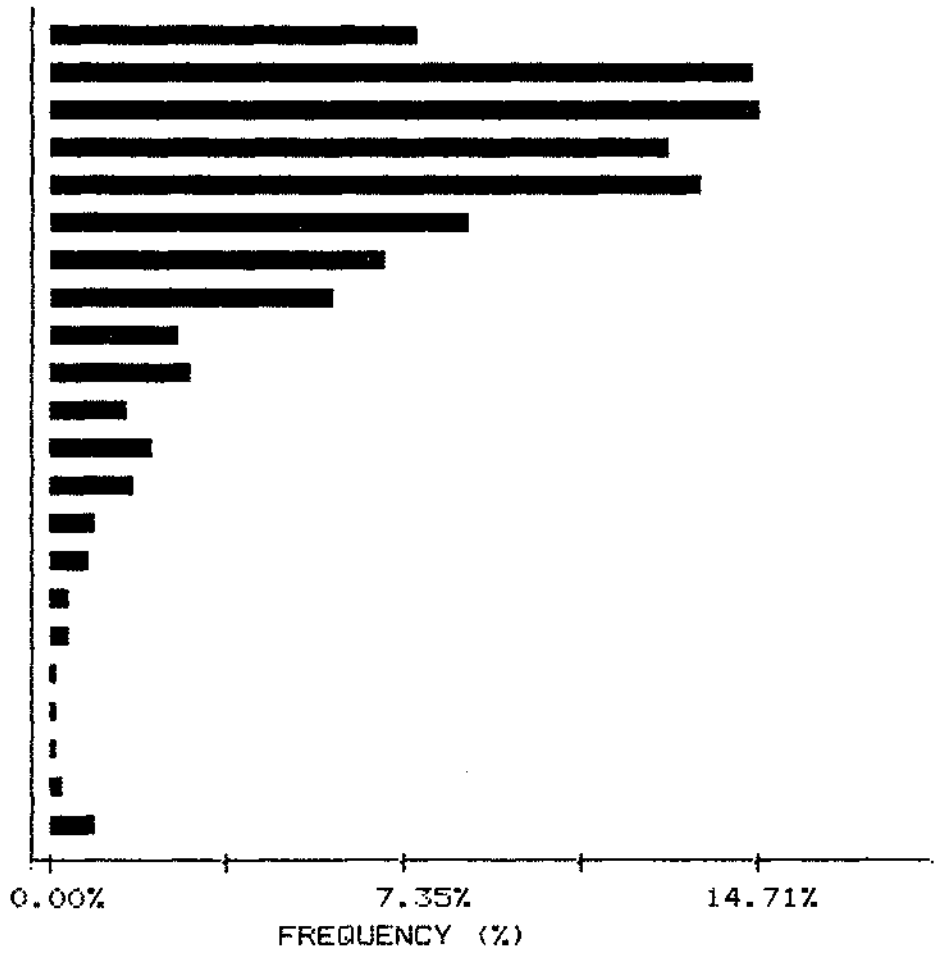
NUMBER OF SAMPLES:	646
MAXIMUM VALUE:	145.0 PPM
MINIMUM VALUE:	2.0 PPM
MEAN:	27.3 PPM
STD. DEVIATION:	18.8 PPM
COEFF. OF VARIATION:	0.7

5 HIGHEST CU VALUES:

L4+00W 2+00S	145.0 PPM
L20E 3+50N	136.0 PPM
L20E 10+00N	115.0 PPM
L18E 5+25N	112.0 PPM
L18E 8+00N	106.0 PPM

HISTOGRAM FOR CU CLASS INTERVAL = 4.60

MID CLASS PPM	CLASS %
< 9.00	7.59
11.30	14.55
15.90	14.71
20.50	12.85
25.10	13.47
29.70	8.67
34.30	6.97
38.90	5.88
43.50	2.63
48.10	2.94
52.70	1.55
57.30	2.17
61.90	1.70
66.50	0.93
71.10	0.77
75.70	0.46
80.30	0.46
84.90	0.15
89.50	0.15
94.10	0.15
98.70	0.31
> 101.00	0.93



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

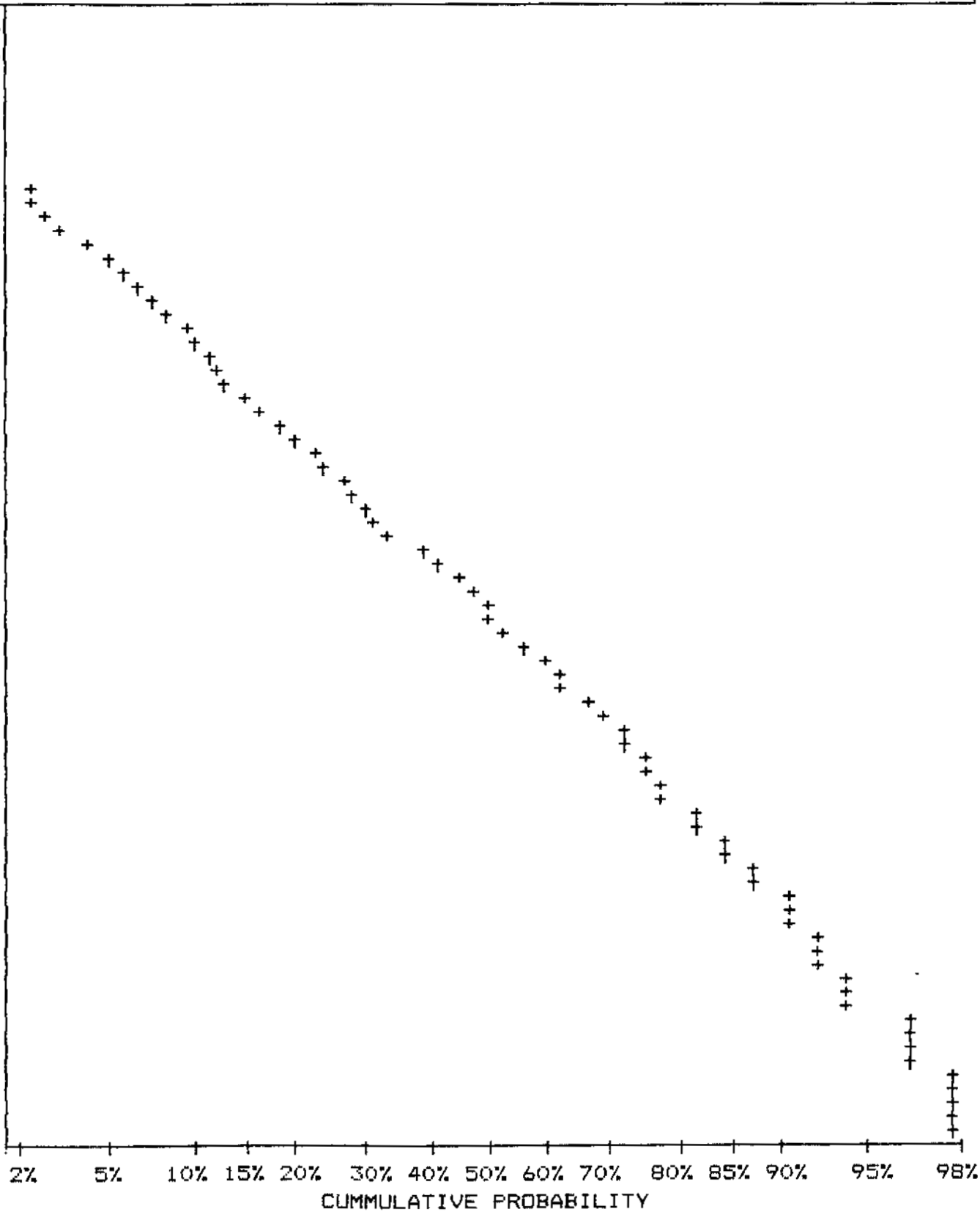
TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON CU

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
97.03	1.24
89.56	1.55
82.66	1.70
76.29	2.32
70.42	3.10
64.99	4.33
59.99	6.04
55.37	7.59
51.10	9.60
47.17	11.46
43.53	13.47
40.18	16.87
37.09	20.43
34.23	24.61
31.59	28.17
29.16	32.04
26.91	39.94
24.84	45.36
22.93	50.31
21.16	53.41
19.53	60.22
18.03	63.16
16.64	69.97
15.36	72.91
14.17	75.39
13.08	77.86
12.07	81.89
11.14	84.52
10.29	87.77
9.49	90.71
8.76	92.41
8.09	92.41
7.46	93.96
6.89	96.59
6.36	96.59
5.87	97.83
5.42	97.83
5.00	97.99



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON PB

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

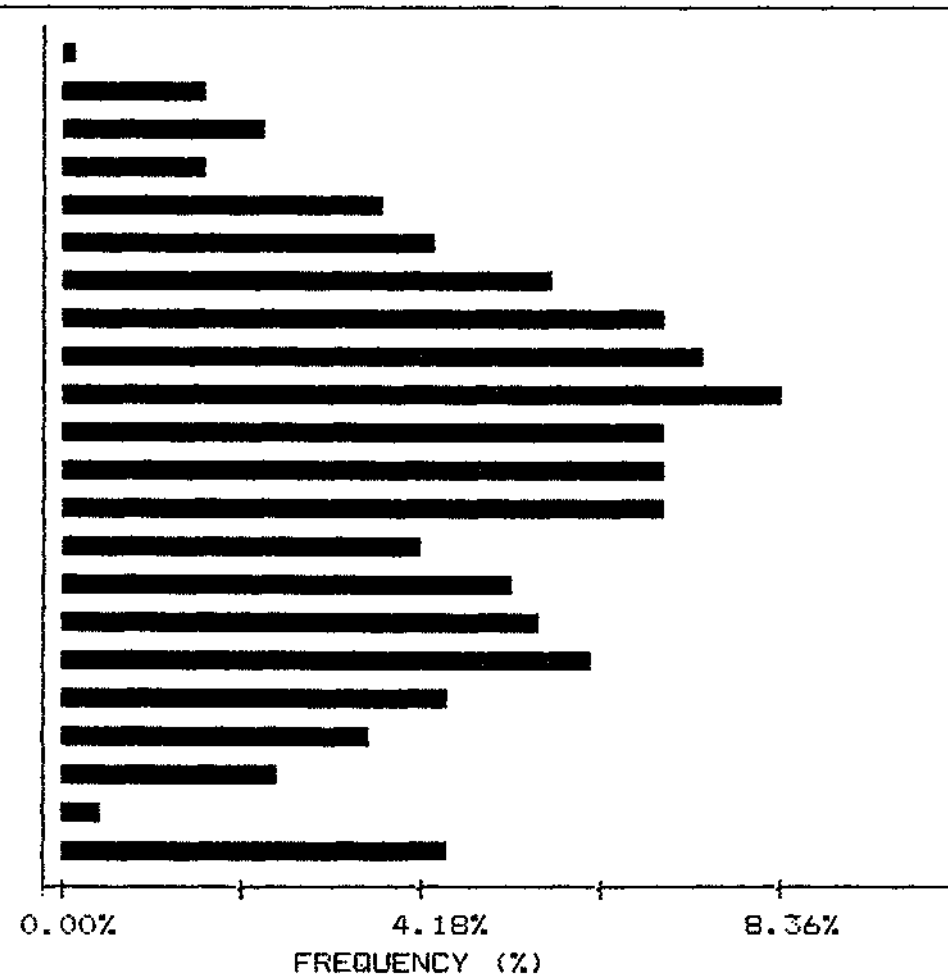
NUMBER OF SAMPLES:	646
MAXIMUM VALUE:	1115.0 PPM
MINIMUM VALUE:	1.0 PPM
MEAN:	25.7 PPM
STD. DEVIATION:	59.1 PPM
COEFF. OF VARIATION:	2.3

5 HIGHEST PB VALUES:

L20E 5+00S	1115.0 PPM
L20E 4+50S	887.0 PPM
L20E 4+75S	496.0 PPM
L15E 2+75N	117.0 PPM
L20E 5+25S	117.0 PPM

HISTOGRAM FOR PB CLASS INTERVAL = 1.95

MID CLASS PPM	CLASS %
< 1.00	0.15
1.97	1.70
3.92	2.32
5.87	1.70
7.82	3.72
9.77	4.33
11.72	5.73
13.67	6.97
15.62	7.43
17.57	8.36
19.52	6.97
21.47	6.97
23.42	6.97
25.37	4.18
27.32	5.26
29.27	5.57
31.22	6.19
33.17	4.49
35.12	3.56
37.07	2.48
39.02	0.46
> 40.00	4.49



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

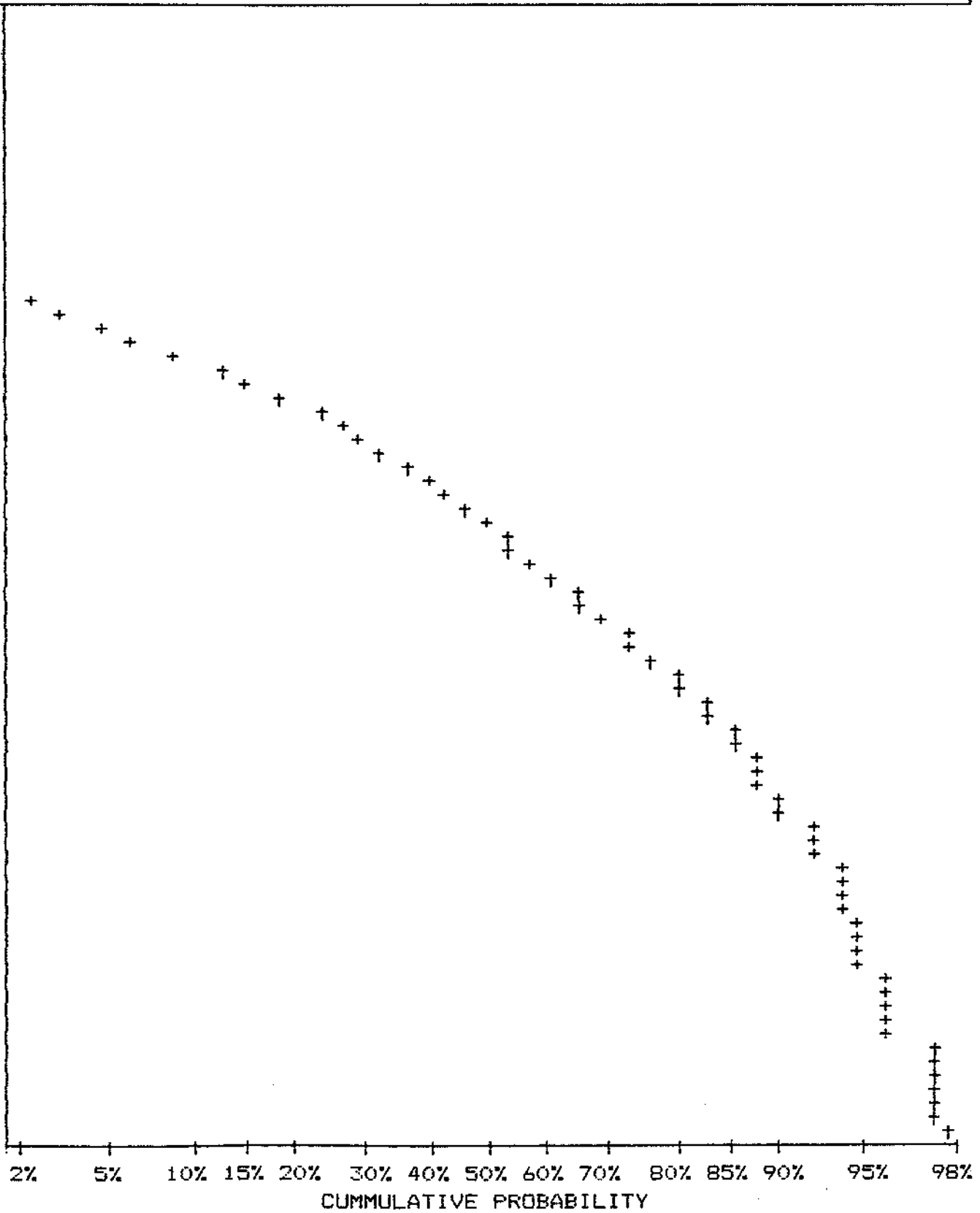
TELEX: USA 760167 PHONE:(604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON PB

COMPANY:HI-TEC RESOURCE MANAGEMENT
ATTN:P.SORBARA
PROJECT:88BC005
FILE#:8-560/609

DATE:AUGUST 8/88
SAMPLE TYPE:SOIL
ANALYSIS TYPE:GEOCHEM

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
78.46	0.93
71.84	0.93
65.77	1.08
60.22	1.24
55.13	1.24
50.48	1.24
46.22	1.70
42.31	2.17
38.74	4.95
35.47	8.82
32.47	15.48
29.73	24.46
27.22	29.72
24.92	36.69
22.82	43.65
20.89	50.62
19.13	54.18
17.51	61.76
16.03	65.94
14.68	73.37
13.44	76.47
12.31	80.34
11.27	83.28
10.32	86.07
9.44	88.08
8.65	90.40
7.92	92.26
7.25	92.26
6.64	94.12
6.08	94.12
5.56	94.89
5.09	94.89
4.66	95.82
4.27	95.82
3.91	97.52
3.58	97.52
3.28	97.52
3.00	97.99



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON ZN

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

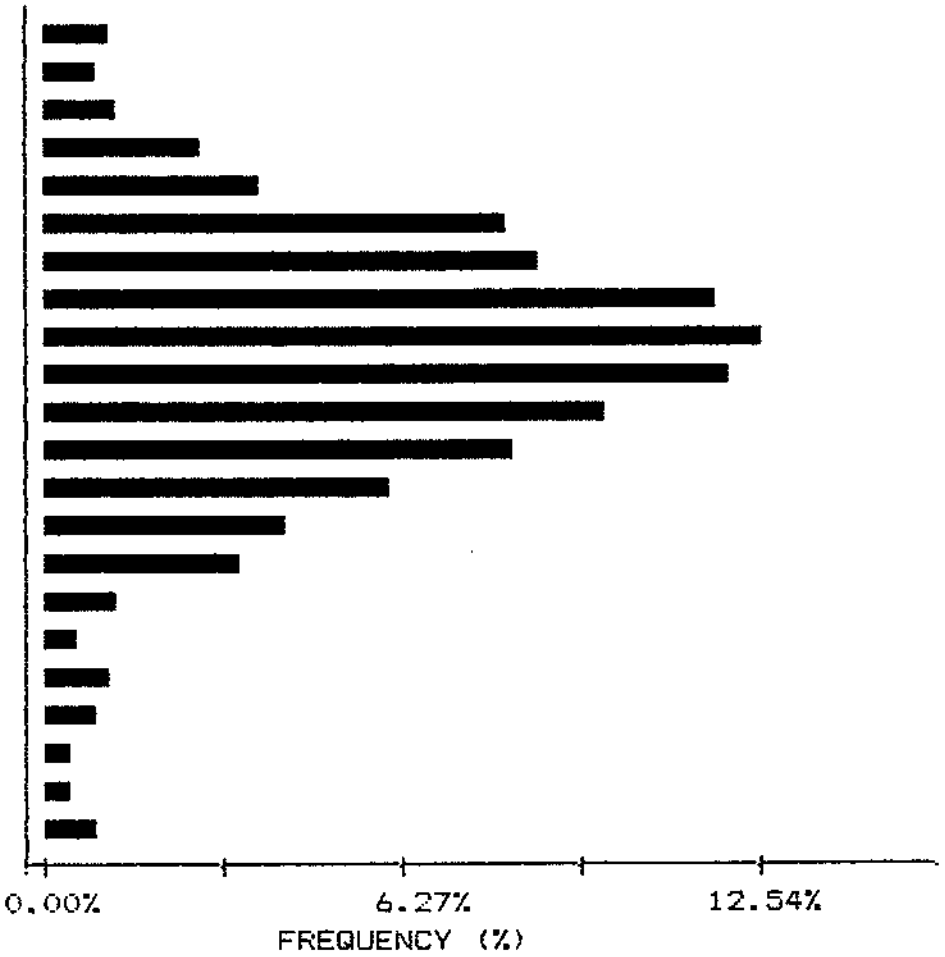
NUMBER OF SAMPLES:	646
MAXIMUM VALUE:	1282.0 PPM
MINIMUM VALUE:	8.0 PPM
MEAN:	96.5 PPM
STD. DEVIATION:	63.0 PPM
COEFF. OF VARIATION:	0.7

5 HIGHEST ZN VALUES:

L20E 5+00S	1282.0 PPM
L20E 4+75S	821.0 PPM
L20E 4+50S	547.0 PPM
L18E 7+75S	195.0 PPM
L18E 1+50N	186.0 PPM

HISTOGRAM FOR ZN CLASS INTERVAL = 6.95

MID CLASS PPM	CLASS %
< 36.00	1.08
39.47	0.93
46.42	1.24
53.37	2.79
60.32	3.72
67.27	8.05
74.22	8.67
81.17	11.76
88.12	12.54
95.07	11.92
102.02	9.75
108.97	8.20
115.92	6.04
122.87	4.18
129.82	3.41
136.77	1.24
143.72	0.62
150.67	1.08
157.62	0.93
164.57	0.46
171.52	0.46
> 175.00	0.93



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

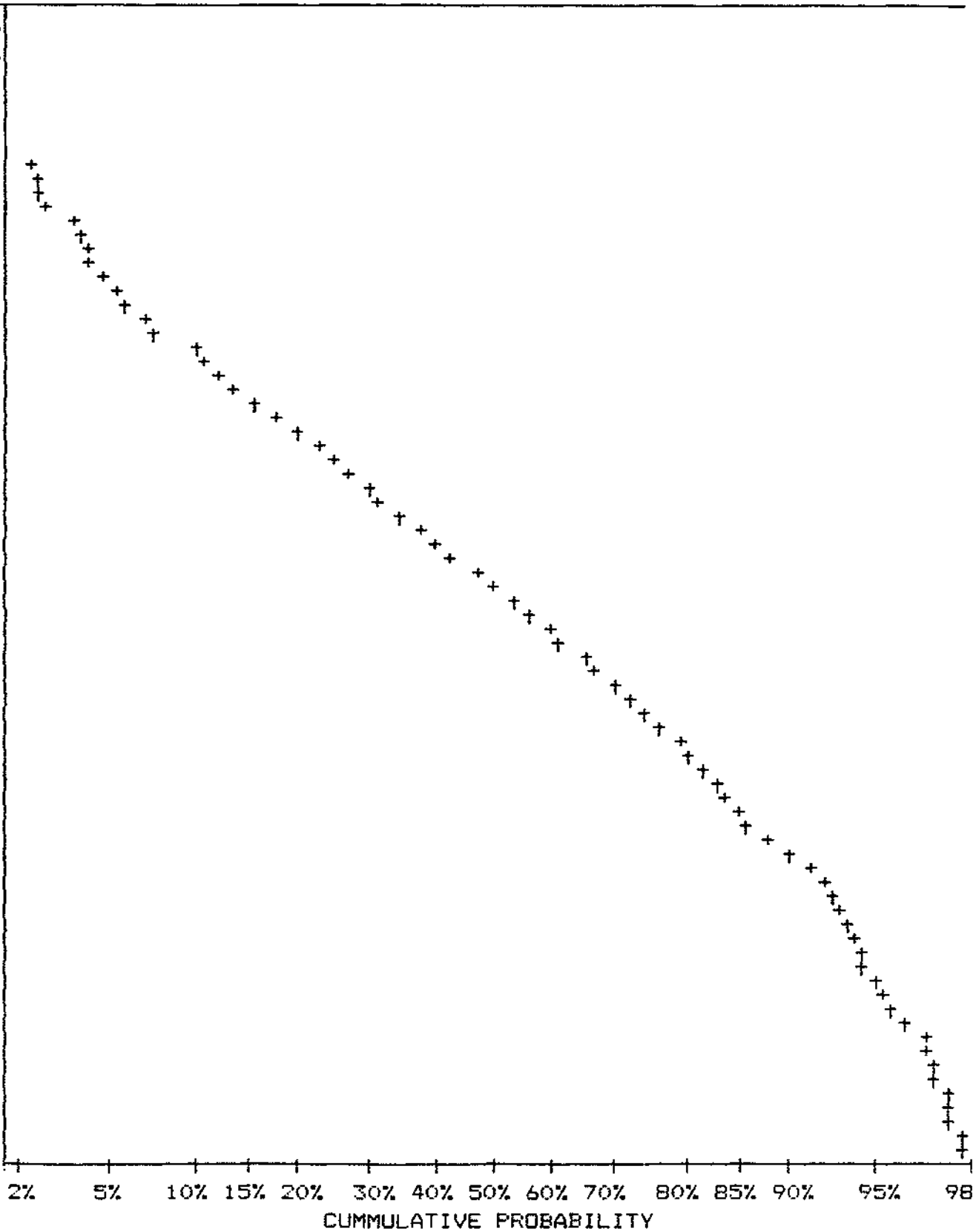
TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON ZN

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

UPPER LIMIT (PPM)	CUMMUL. FREQ. (%)
171.76	1.08
165.45	1.39
159.37	2.17
153.51	2.79
147.87	3.87
142.44	4.33
137.21	4.95
132.17	5.88
127.31	7.59
122.63	11.30
118.13	14.24
113.79	18.11
109.61	23.37
105.58	27.55
101.70	32.04
97.97	38.85
94.37	43.65
90.90	51.24
87.56	56.81
84.35	61.76
81.25	67.65
78.26	72.45
75.39	76.32
72.62	80.65
69.95	82.97
67.38	85.14
64.90	88.24
62.52	91.64
60.22	92.57
58.01	93.65
55.88	94.58
53.83	95.05
51.85	95.67
49.94	96.75
48.11	97.06
46.34	97.37
44.64	97.37
43.00	97.99



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

STATISTICAL SUMMARY ON AU

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

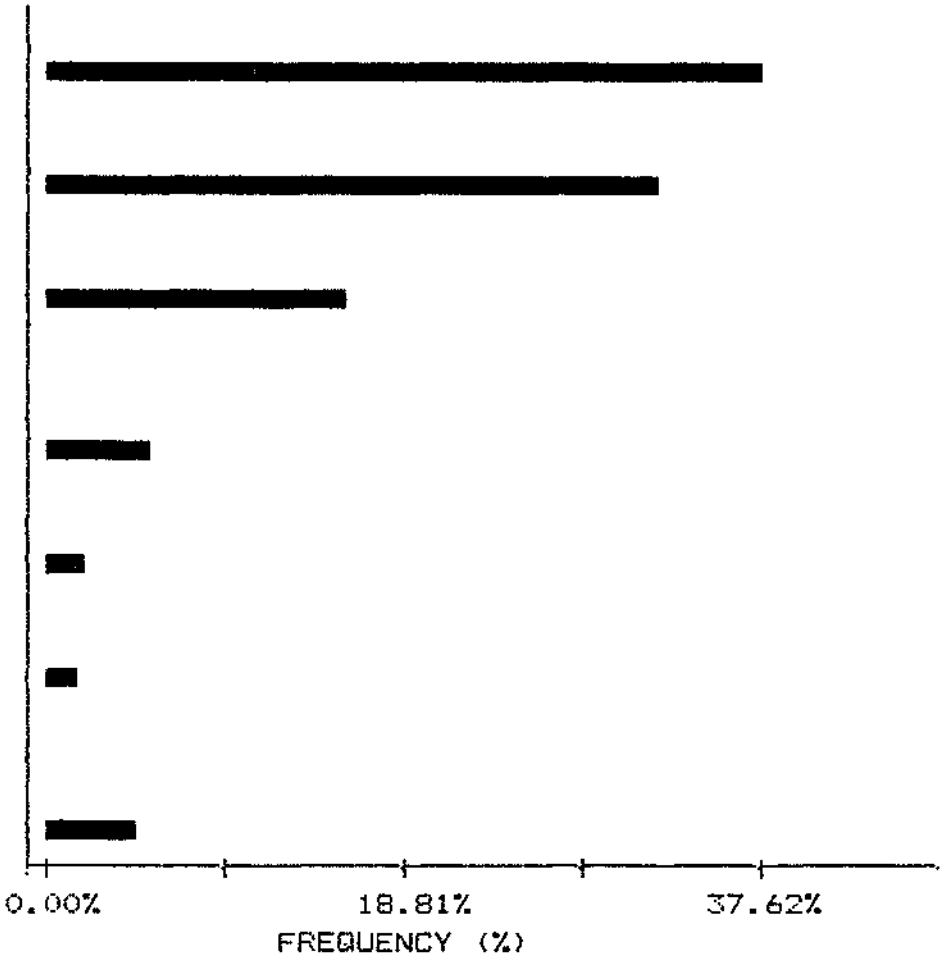
NUMBER OF SAMPLES:	646
MAXIMUM VALUE:	265.0 PPB
MINIMUM VALUE:	1.0 PPB
MEAN:	3.2 PPB
STD. DEVIATION:	11.5 PPB
COEFF. OF VARIATION:	3.6

5 HIGHEST AU VALUES:

L5+00W 7+75S	265.0 PPB
L5+00W 7+50S	82.0 PPB
L15E 3+75N	45.0 PPB
L15E 6+00N	35.0 PPB
L15E 1+75N	33.0 PPB

HISTOGRAM FOR AU CLASS INTERVAL = 0.30

	MID CLASS PPB	CLASS %
<	1.00	0.15
	1.15	37.62
	1.45	0.00
	1.75	0.00
	2.05	32.04
	2.35	0.00
	2.65	0.00
	2.95	15.63
	3.25	0.00
	3.55	0.00
	3.85	0.00
	4.15	5.57
	4.45	0.00
	4.75	0.00
	5.05	2.17
	5.35	0.00
	5.65	0.00
	5.95	1.86
	6.25	0.00
	6.55	0.00
	6.85	0.00
>	7.00	4.95



MIN-EN LABORATORIES LTD.

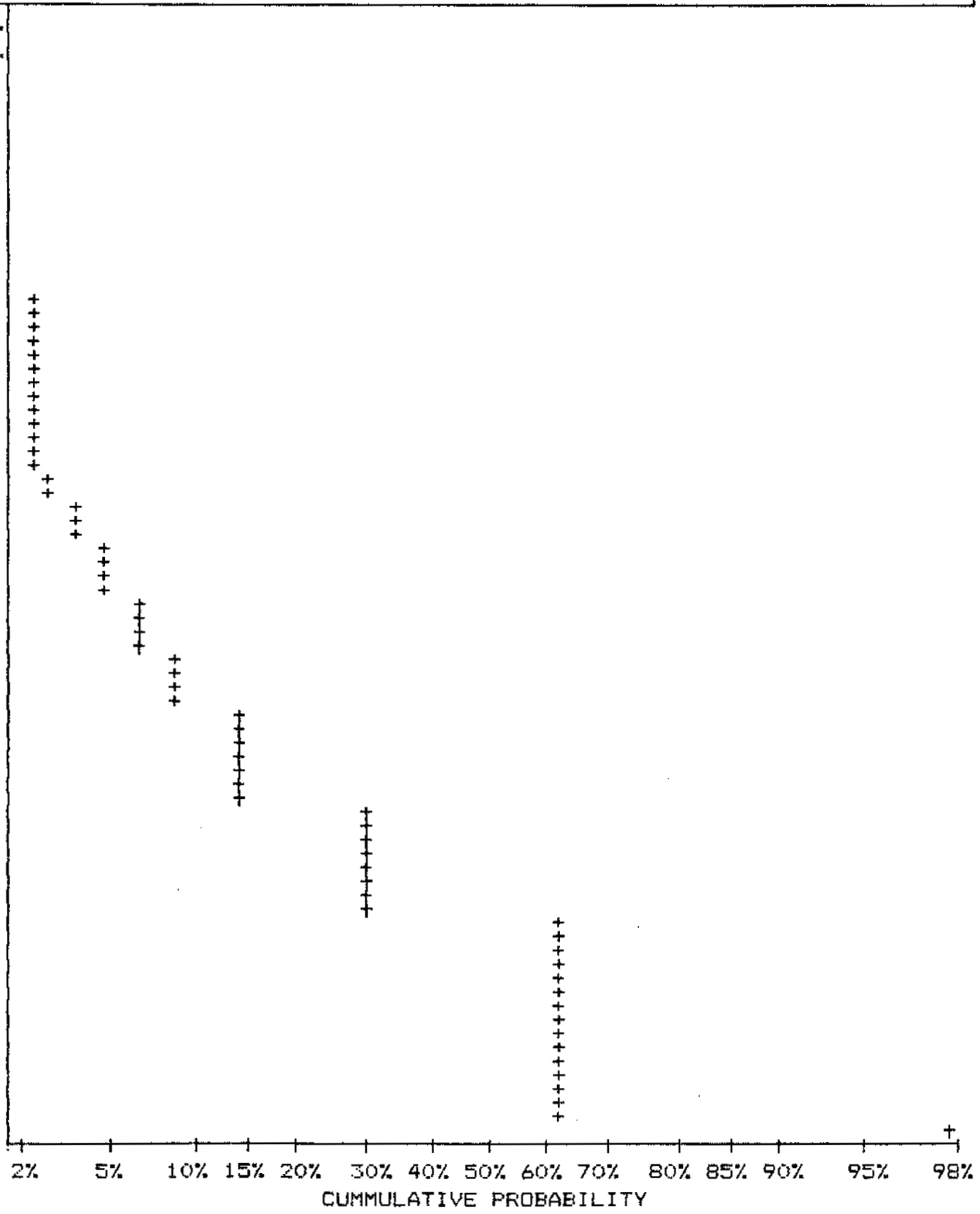
SPECIALISTS IN MINERAL ENVIRONMENTS
775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CUMMULATIVE PROBABILITY PLOT ON AU

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

UPPER LIMIT (PPB)	CUMMUL. FREQ. (%)
30.55	0.93
27.86	1.08
25.40	1.08
23.16	1.24
21.11	1.39
19.25	1.55
17.55	1.70
16.00	2.01
14.59	2.17
13.30	2.17
12.13	2.17
11.06	2.32
10.08	2.32
9.19	2.48
8.38	3.10
7.64	3.87
6.96	4.95
6.35	4.95
5.79	6.81
5.28	6.81
4.81	8.98
4.39	8.98
4.00	14.55
3.65	14.55
3.32	14.55
3.03	14.55
2.76	30.19
2.52	30.19
2.30	30.19
2.09	30.19
1.91	62.23
1.74	62.23
1.59	62.23
1.45	62.23
1.32	62.23
1.20	62.23
1.10	62.23
1.00	97.99



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

775 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167 PHONE: (604)980-5814 OR (604)988-4524

CORRELATION COEFFICIENTS

COMPANY: HI-TEC RESOURCE MANAGEMENT
ATTN: P. SORBARA
PROJECT: 88BC005
FILE#: 8-560/609

DATE: AUGUST 8/88
SAMPLE TYPE: SOIL
ANALYSIS TYPE: GEOCHEM

THE TABLE BELOW REPRESENTS THE PEARSON CORRELATION MATRIX SHOWING THE INTER-ELEMENT CORRELATION COEFFICIENTS. THOSE VALUES THAT EXCEED THEIR CRITICAL VALUE FOR .01 LEVEL OF SIGNIFICANCE ARE SHOWN IN DARKER PRINT AND UNDERLINED.

	AG	AS	BA	CU	PB	ZN	AU
AG	1.00	**0.25**	**-0.36**	**0.23**	-0.02	-0.08	-0.03
AS		1.00	0.09	**0.27**	-0.05	0.08	-0.04
BA			1.00	0.04	0.01	**0.23**	-0.03
CU				1.00	-0.05	0.05	-0.01
PB					1.00	**0.85**	-0.00
ZN						1.00	-0.01
AU							1.00

APPENDIX VI

Instrument Specifications

OPERATIONS MANUAL

OMNI-PLUS

VLF/MAGNETOMETER SYSTEM

PPX-404
Revision 2.10
October 30, 1987
EDA Instruments Inc.
Toronto, Ontario, Canada
Denver, Colorado, USA

SECTION 2

PHYSICAL DESCRIPTION

2.1 SYSTEM COMPLIMENT

As with the OMNI IV, the OMNI-PLUS can be configured in three ways depending on the magnetometer requirements. As previously mentioned, these are:

Total field, tie-line or looping application (3)
Base station application (4)
Vertical gradient application (5)

For each of these applications, VLF measurements will be automatically performed if a VLF sensor is connected.

Table 2-1 lists the standard and optional components of the OMNI-PLUS in each of it's three configurations.

Item	Total Field	Base Station	Gradiometer
OMNI-PLUS VLF/Magnetometer Console			
128K RAM Memory	Standard	Standard	Standard
Display Heater	Standard	Standard	Standard
Magnetometer Components			
Remote Sensor	Standard	Standard	
0.5m Gradient Sensor			Standard
1.0m Gradient Sensor			Optional
Pole Assembly (4-600mm sections)	Standard	Standard	Standard
30m Cable Extension		Optional	
Rope Joiner		Standard	Standard
VLF Components			
VLF Sensor Module	Standard	Standard	Standard
VLF Interconnect Cable	Standard	Standard	Standard

Table 2-1 OMNI-PLUS System Compliments

Item	Total Field	Base Station	Gradiometer
Power Sources			
Battery Belt (rechargeable)	Standard	Standard	Standard
Battery Cartridge (rechargeable)	Optional	Optional	Optional
Battery Belt (alkaline)	Optional	Optional	Not Recommended
Battery Charger 110/220 Vac	Standard	Standard	Standard
Operation Manual	Standard	Standard	Standard
VLF Resistivity	Optional	Optional	Optional
Magnetometer Memory Upgrade	Optional	Optional	Optional
RS232C Serial Interface Cable	Optional	Optional	Optional
Transit Case	Optional	Optional	Optional

Table 2-1 OMNI-PLUS System Compliments (con't)

2.2 COMPONENT DESCRIPTION

INSTRUMENT CONSOLE The primary electronics, data acquisition circuit, microprocessor and memories are built into a rectangular, aluminum, weather-proof case with the instrument panel facing upwards. This console is supported in a dual shoulder-type harness and is carried on the chest.

Display Operator modes, data and information is displayed on a custom-designed, ruggedized liquid crystal display (LCD) which operates in temperatures ranging from -40 C to +55 C. The display includes a six-numeric digit readout, decimal point, mode function readout, battery status monitor, signal decay rate, signal amplitude monitor, VLF signal strength and operator quality monitors and parameter indicators. The internal heater is activated automatically at -25 C during the survey. The mode selector should be set to OFF overnight and when the unit is not being used to avoid power comsumption from the heater at low temperatures.

Operator Keys The operator keys are grouped into two sections located on each side and below the LCD. The 12 keys on the left hand side are for programming the instrument. The 10 keys on the right hand side are for taking measurements and recording them, accessing the VLF magnetic and electric parameters and accessing the electronics notebook. The one key below the LCD is the mode selector, where the modes are viewed on the LCD. The key functions are described in Section 4.

Cable Connectors There are two cable connectors located on the rear of the instrument. When the console is being used (ie,chest mounted):

* The one on the operator's left side connects the magnetometer sensor. The type of connector is the same as those used for the PPM and OMNI IV series of magnetometers. Therefore, magnetometer sensors are interchangeable between systems.

* The one on the operator's right side is for interconnecting the console with the VLF sensor and for dumping the stored data. **(Note: If the interconnect cable becomes unusuable, the data transfer cable may be used where the base station connector is attached to the console and the field connector is attached to the VLF sensor).**

SENSORS The OMNI-PLUS system consists of two types of sensors; the magnetometer proton precession sensor and the VLF three-component sensor.

Magnetometer Sensor The sensor consists of two helical coils of copper wire connected in series in a noise-cancelling mode with a least 50 dB attenuation of external noise. The coils are immersed in a hydrocarbon-rich liquid inside a lightweight, leakproof cylinder. The sensor cylinder is mounted inside a thin-wall fiberglas tube. the coils are positioned with their axes parallel to each other. The interconnections are carried through a cable, 3m long and terminated in a connector which interfaces with a connector on the rear of the OMNI-PLUS. This configuration is for a remote sensor to be used when the the system is being operated as a field, tie-line, looping or base station unit.

Dual Gradient Magnetometer Sensor For the gradiometer application, two identical sensors are mounted vertically at the ends of a rigid fiberglas tube. In the standard configuration, the centers of the coils are spaced 0.5m apart. An optional configuration separates the coils by 1.0m. It should be noted that through a patented measuring process, the two coils are read simultaneously, thereby aleviating the need to correct the gradient readings for diurnal variations. The interconnections are the same as those for the remote magnetometer sensor. It should be noted that a gradient sensor may be used when the magnetometer portion of the OMNI-PLUS is configured as a field, tie-line, looping or base station unit.

Sensor Poles The pole consists of four 600mm sections which engage end to end so that the remote magnetometer sensor is approximately 2.5m above the ground. For base station applications, a rope joiner is supplied and is attached between the top section of pole and the magnetometer sensor. Rope is the attached to the four holes and is secured in the same fashion as a tent guy rope.

VLF Sensor Module The VLF sensor module consists of three sections: the VLF sensor; the circuitry; the back-pack frame.

The VLF sensor consists of three orthogonal coils mounted in a cylindrical housing with a pre-amp signal circuitry. The coils consist of copper wire wound on a non-ferrous frame. These coils are mounted with two coils horizontal and one mounted vertically. The sensor housing is made of a ruggedized plastic material.

The VLF circuitry is housed in a ruggedized, rectangular, metal or plastic housing and consists of three circuit boards.

The circuit boards contain a microprocessor, CPU circuitry, a tilt correction meter and signal filtering circuitry. For the standard OMNI-PLUS configuration, the circuitry housing has one KPT type connector which allows for interfacing with the OMNI-PLUS console. For the optional VLF resistivity, additional KPT type connectors are installed for connecting the resistivity probes.

Both the VLF sensor and circuitry housings are attached to a rigid polethelyne frame. To the back of the frame is permanently attached a neoprene foam padding that allows for comforable field usuage. The foam is closed-celled a will not absorb water or perspiration.

Power Supplies Three types of power supplies are available for use with the OMNI-PLUS with a) the standard:

a) A non-magnetic rechargeable battery belt with eight sealed lead acid cells.

b) A non-magnetic rechargeable battery cartridge with eight lead acid cells.

c) An alkaline battery belt with 12 "D" size alkaline disposable power cells (not recommended for use with the gradiometer).

A) **Rechargeable Battery Belt** This is a webbed belt with a zip enclosure pouch designed specifically for rugged field use. The 8 lead acid cells are placed in protective packing inside the pouch. Powering of the console and recharging of the belt are performed through the coiled cable with a pin socket connector at the end. For powering the console, the connector is attached to the corresponding male connector on the back of the console. The two straight pins are designed so that the connector can be only attached one way. The two thumb screws allow for securing the connector to the console. At each end of the coiled cable, strain reliefs have been attached to provide extra protection against cable breakage. For recharging the belt, the female connector of the battery belt is attached to the male connector of the battery charger and is left on until the red indicator light on the charger shuts off.

NOTE: At this time, the recharegeable battery belt is NOT to be used when VLF feature is being used. However, the belt may be used when the system is being as a magnetometer ONLY.

B) **Rechargeable Battery Cartridge** The cartridge consists of eight lead acid cells securly fashioned in a aluminum housing. The cartridge is attached to the back of the console using the four plastic clips. The cartridge can only be attached one way which is determined by the cut-out on the console backplate and the corresponding key on the cartridge. Also, the battery connector on the back of the console has two straight pins of different diameters that allow the cartridge to be attached only one way.

C) **Alkaline Battery Belt** Disposable alkaline batteries may be used to power the OMNI-PLUS system. However, the disadvantage of this method is that the batteries are depleted quite rapidly and therefore, they are not recommended for use with the gradiometer.

NOTE

The characteristics of alkaline batteries require a program variation. For this reason, the second digit of the operator code is entered as a '9' (eg, OP39NN) for alkaline batteries and any other digit for rechargeable batteries.

Base Station Power Supply Although the battery cartridge or belt supplied may be used to power the system, a 12V car battery may be used if so desired. This feature is useful especially in winter conditions, where a battery cartridge or belt may not last the full day. To use a car battery, disconnect the battery cartridge or belt and attach the data reduction cable using the connector where a red and black cable extends from it. Attach the red cable to the positive pole of the 12V battery and the black cable to the negative pole of the 12V car battery. It would be advisable to protect the rear of the console from adverse weather conditions.

HARNESS A multi-functional harness is supplied with every OMNI-PLUS system. This harness may be used with or without the VLF module or magnetometer sensor. It has been designed to be durable, yet comfortable. The harness assembly comes with wide shoulder pads and tri-glides that allow the operator to customly adjust the straps to suit his or hers requirements. Setup for the harness is graphically shown on page 5-4 of this manual.

BATTERY CHARGER The battery charger supplied with the OMNI-PLUS system is designed to operate on either 120/240 volts. Generally, the user should charge the battery overnight or until the red light on the side of the unit goes out. The system has been designed with an overvoltage protection so as not to damage the batteries from overcharging. Appendix A-2 gives a detailed description on battery care and life expectancy.

APPENDIX VII

Statement of Costs

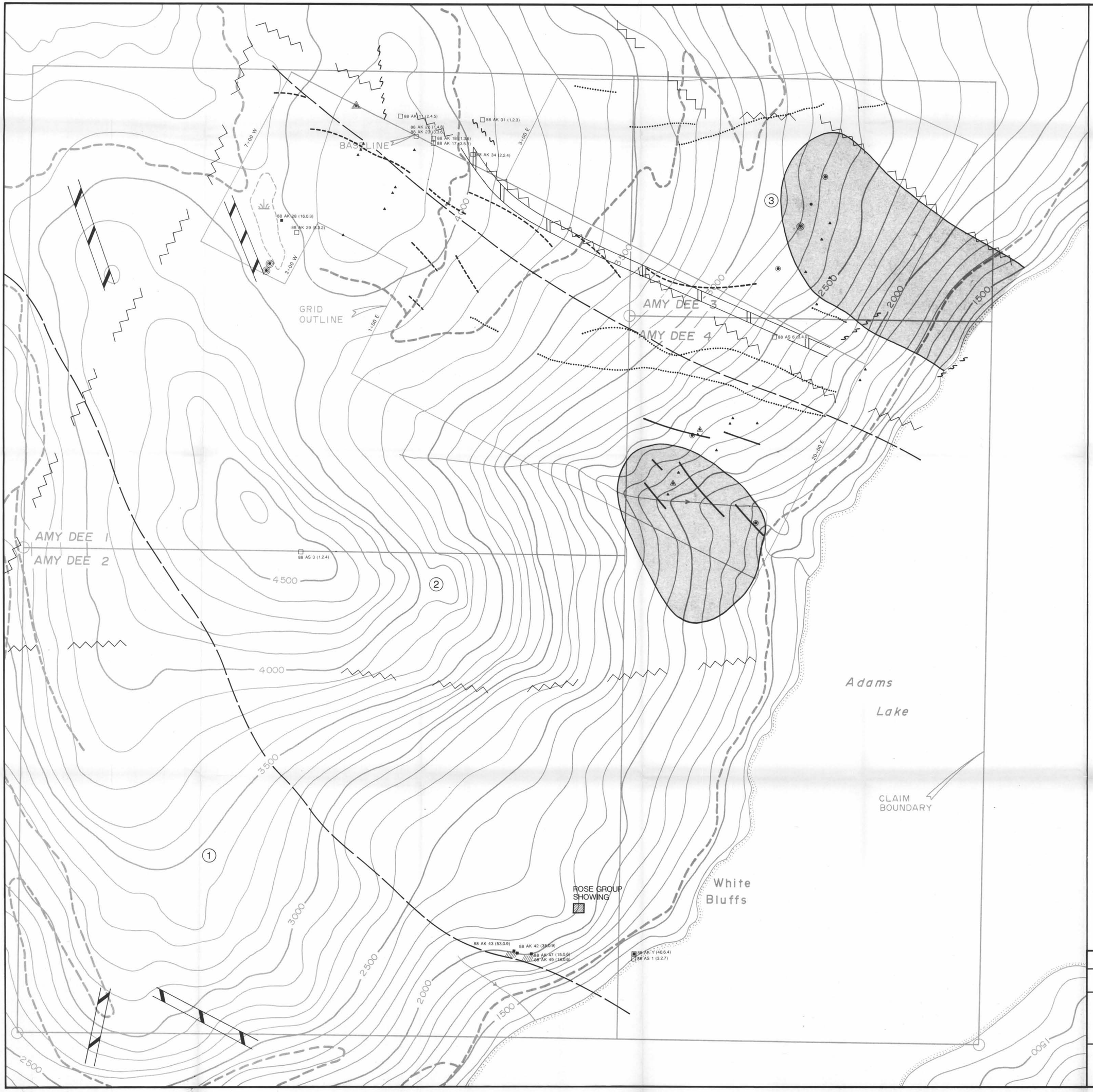
STATEMENT OF COSTS

CANOVA RESOURCES LTD.
AMY DEE PROPERTY
PROJECT 88BC005

Mobilization/Demobilization		
Group I		
K. Karchmar 2 days @ $325/day	$650.00	
M. Carson 2 days @ $175/day	350.00	
A. Smallwood 2 days @ $250/day	500.00	
Group II		
A. Cooper 2 days @ $200/day	400.00	
M. Carson 2 days @ $175/day	350.00	
Truck Rental and Fuel		
4 days @ $125/day	500.00	
Domicile 10 man days @ $75/man/day	750.00	
		$ 3,500.00
Project Preparation		
V. Kuran, 3 days @ $325/day	$ 975.00	
H. Grond, .75 day @ $300/day	225.00	
K. Karchmar, 4 days @ $325/day	1,300.00	
A. Smallwood 1 day @ $250/day	250.00	
		2,750.00
Geochemistry		
650 soil sample geochem		
6 element trace ICP, AU fire		
@ $13.25/sample	$ 8,612.50	
56 rock sample geochem		
6 element trace ICP, AU fire		
@ $15.75/sample	882.00	
2 silt sample geochem		
6 element trace ICP, AU fire		
@ $13.25/sample	26.50	
649 samples 7 element stat pak		
@ $.25/sample	162.25	
		9,683.25

...2

Geophysical Surveys		
33 km VLF-EM Survey - Jim Creek @ $100/km	$ 3,300.00	
38 km VLF-EM Survey - Annapolis @ $100/km	3,800.00	
37 km Magnetometer surveys gradient and total filed @ $200/km	7,400.00	
		14,500.00
Domicile 74 man days @ $75/man/day		5,550.00
Truck Rental and Fuel 29 days @ $125/day (16 days geologist, prospector, technician; 13 days geophysical crew)		3,625.00
Field Supplies		1,059.02
Office, Accounting, Materials, Communications, Freight and Auxiliary Costs		721.62
Report Compilation		5,500.00
Field Salaries		
Ken Karchmar, Geologist 16 days @ $325/day	$ 5,200.00	
Adrian Smallwood, Prospector 16 days @ $250/day	4,000.00	
Merv Carson, Technician 16 days @ $175/day	2,800.00	
		12,000.00
15% Project Management Fee (not charged on salaries)		6,283.33
TOTAL COST		$ 65,172.22



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,725

LEGEND

GEOLOGY

1. Metasedimentary phyllite, argillite, quartzite
2. Tshinakin limestone and dolomite, massive white limestone with minor interbeds of chlorite schists, chlorite and sericite phyllites
3. Greenstones, vesicular basalts, chlorite schists, chlorite phyllites, rare lapilli tuffs; occasional limestone interbeds

Fault

Geological contact (inferred)

Gossan zone

ANOMALOUS SOIL GEOCHEMISTRY

Gold
- 27 - 30 ppb
- 31 - 35 ppb
- >35 ppb

Silver
- 1.9 - 2.5 ppm
- 2.6 - 3.5 ppm
- >3.6 ppm

ANOMALOUS ROCK GEOCHEMISTRY

88 AS 1 (3.2.7) Sample location, Au (ppb), Ag (ppm)
- Anomalous gold (>10 ppb)
- Anomalous silver (>2 ppm)
- Anomalous gold, silver

GEOPHYSICAL ANOMALIES

Ground Geophysics
- Strong well defined VLF-EM conductor axis
- VLF-EM conductor axis
- Magnetic anomaly axis

Airborne Geophysics
- Inferred fault
- Possible area of alteration
- VLF-EM conductors
- Possible conductive area

0 100 200 300 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT
17,725

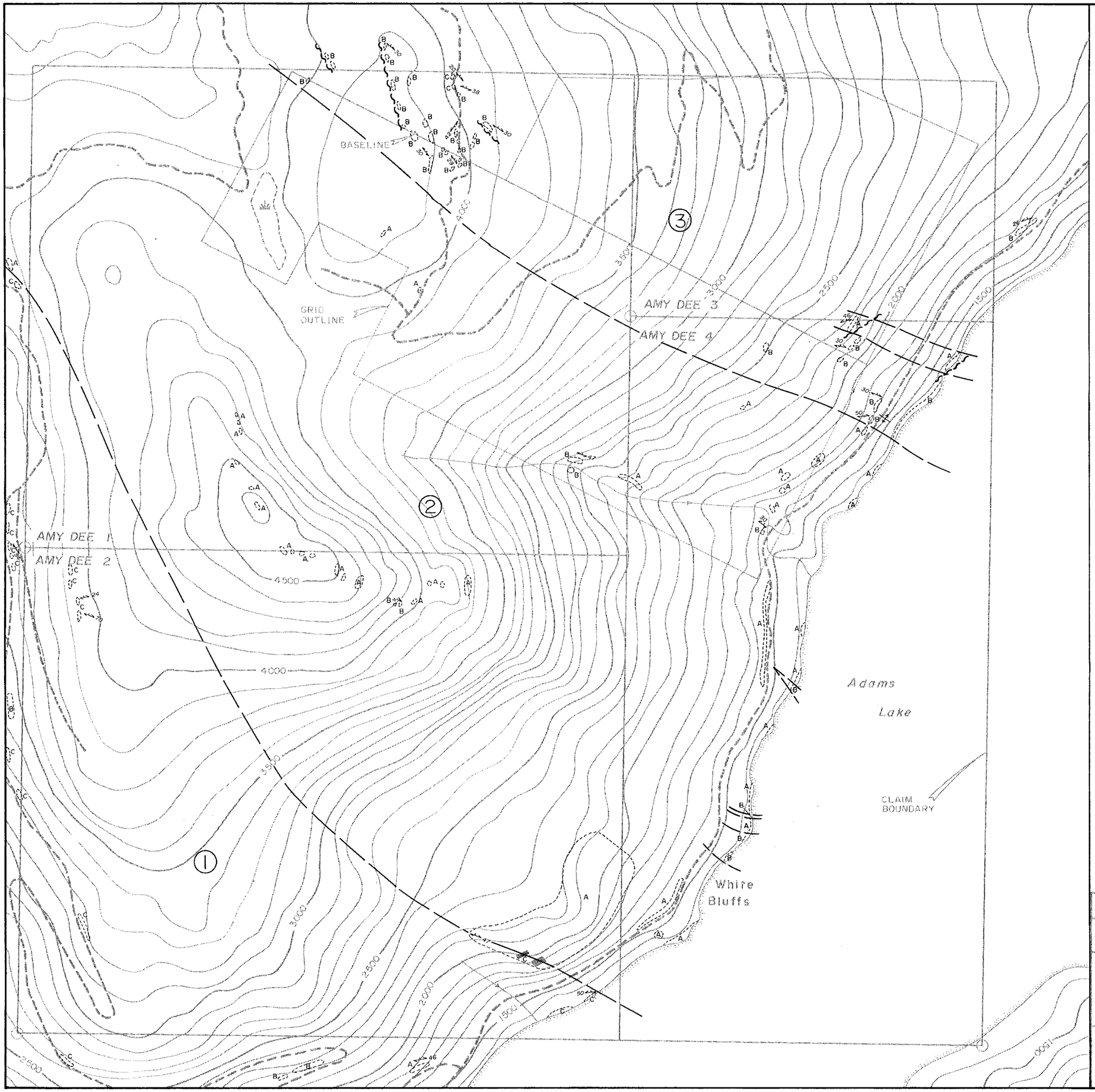
CANOVA RESOURCES LTD

AMY DEE 1 - 4 CLAIMS
Kamloops M.D., B.C.

COMPILATION MAP

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1 : 5000	N.T.S.: 82M/4E	FIGURE No: 4	
DWN. BY: H.V.	DATE: June 1988		
CHKD. BY: K. Karchmar	PROJECT No: 88BC 005	FILE No:	



GEOLOGICAL LEGEND

EAGLE BAY FORMATION

1. Metasedimentary phyllite, argillite, quartzite.
2. Tshinakin limestone and dolomite, massive white limestone with minor interbeds of chlorite schists, chlorite and sericite phyllites.
3. Greenstones, vesicular basalts, chlorite schists, chlorite phyllites, rare lapilli tuffs; occasional limestone interbeds.

A Limestone.

B Chlorite schists, chlorite phyllites, vesicular basalts, tuffs, greenstones.

C Graphitic phyllites, argillites, slate, quartzite.

30 schistosity, foliation, strike, dip

anticline

limits of outcrop

fault (inferred)

geological contact (inferred)

geological contact (observed)

gossan zone

Geology by K. Karchmar

LEGEND

creek

swamp

logging road

0 100 200 300 400 500 750 1000
metres

CANOVA RESOURCES LTD.

AMY DEE 1-4 CLAIMS

KAMLOOPS M.D., B.C.

GEOLOGY

17,725

IR-TEC RESOURCE MANAGEMENT LTD	SCALE: 1:10000	N.T.S.: 82 M/4E	FIGURE No: 5
	DWN. BY: L. Ellos (AGB)	DATE: June 1988	
	CHKD. BY: K. Karchmar	PROJECT No: 88 BC 005	FILE No:

SAMPLE LEGEND

- o rock (grab) sample
- □ stream sediment sample

samples taken by K. Karchmar and A. Smallwood

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,725

LEGEND

- creek
- swamp
- logging road

0 100 200 300 400 500 750 1000
metres

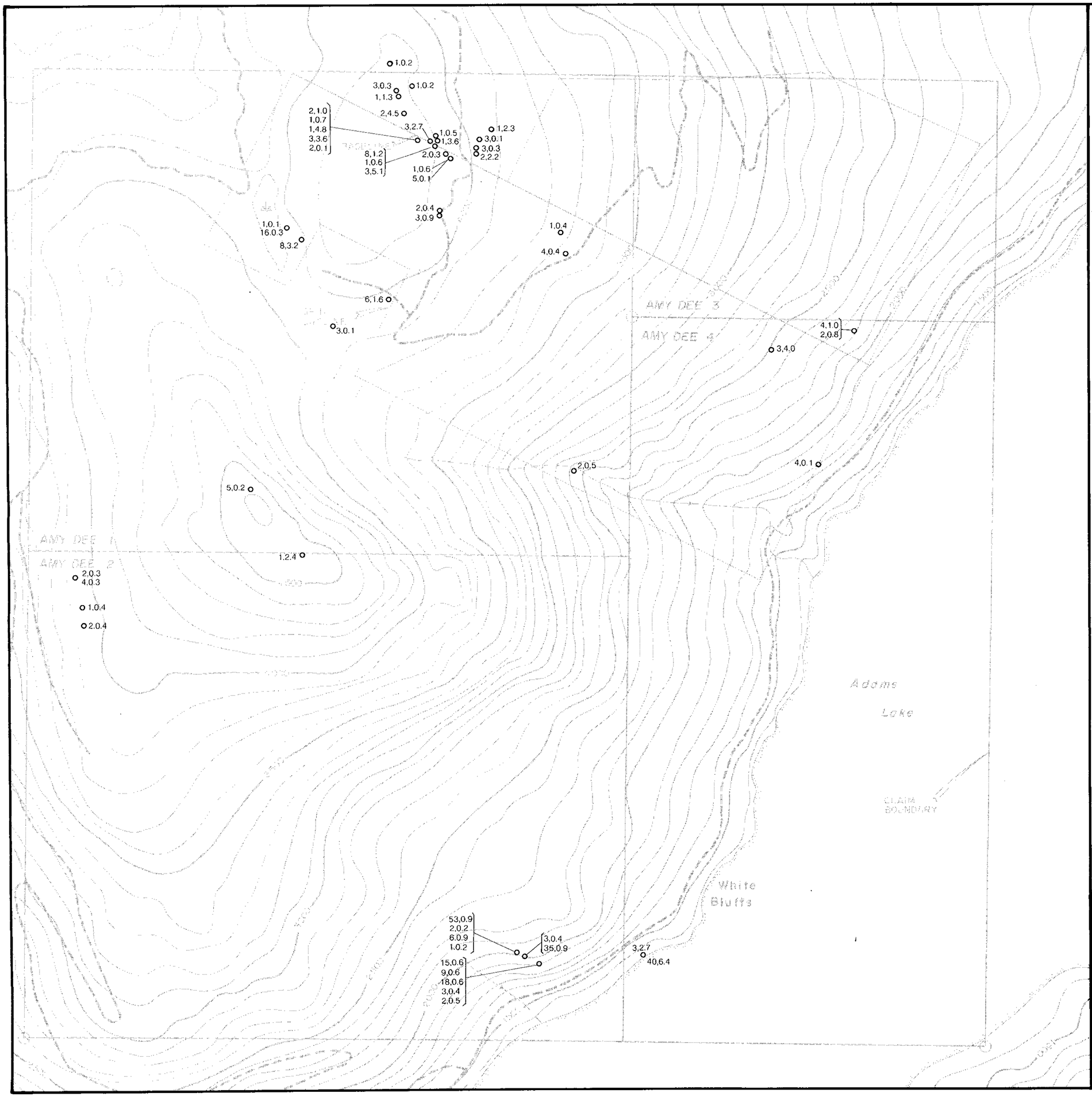
CANOVA RESOURCES LTD.

AMY DEE 1-4 CLAIMS

KAMLOOPS M.D., B.C.

ROCK and STREAM SEDIMENT SAMPLE LOCATION MAP

HI-TEC RESOURCE MANAGEMENT LTD	SCALE: 1:10 000	N.T.S.: 82 M/4E	FIGURE No: 6
	DWN. BY: L.Ellis (AGR)	DATE: June 1988	
	CHKD. BY: K. Karchmar	PROJECT No: 88 BC 005	FILE No:



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,725

LEGEND

- 2.0.5 — Au (ppb), Ag (ppm)
- creek
- swamp
- logging road

0 100 200 300 400 500 750 1000
metres

CANOVA RESOURCES LTD.

AMY DEE 1-4 CLAIMS

KAMLOOPS M.D., B.C.

ROCK GEOCHEMISTRY
GOLD & SILVER

HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE: 1:10,000	N.T.S.: 82 M/4E	FIGURE No: 7	
DWN. BY: Lillos(AGB)	DATE: June 1988		
CHKD. BY: K. Korchmar	PROJECT No: 88 BC 005	FILE No:	

AMY DEE 3

L. 8+00 W

L. 5+00 W

L. 0+00

L. 6+00 E

L. 10+00 E

L. 15+00 E

L. 20+00 E

10+00 N

5+00 N

BASELINE

5+00 S

10+00 S

AMY DEE 1

AMY DEE 2

AMY DEE 4

Adams Lake

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,725

LEGEND

- logging road
- creek
- swamp

N

0 50 100 200 300 400 500
metres

CANOVA RESOURCES LTD.

AMY DEE 1-4 CLAIMS
KAMLOOPS M.D., B.C.

Grid Detail

	SCALE: 1:5000	N.T.S.: 82 M/4E	FIGURE No: 8
	DWN. BY: L.Ellis(AGB)	DATE: June 1988	
	CHKD. BY: K. Karchmar	PROJECT No: 88 BC 005	FILE No:

MMTEC RESOURCE MANAGEMENT LTD.

LEGEND

<26 ppb BACKGROUND

• 27 - 30 ppb

⊙ 31 - 35 ppb

◎ >35 ppb

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,725

CANOVA RESOURCES LTD

AMY DEE 1 - 4 CLAIMS
Kamloops M.D., B.C.

SOIL GEOCHEMISTRY
GOLD

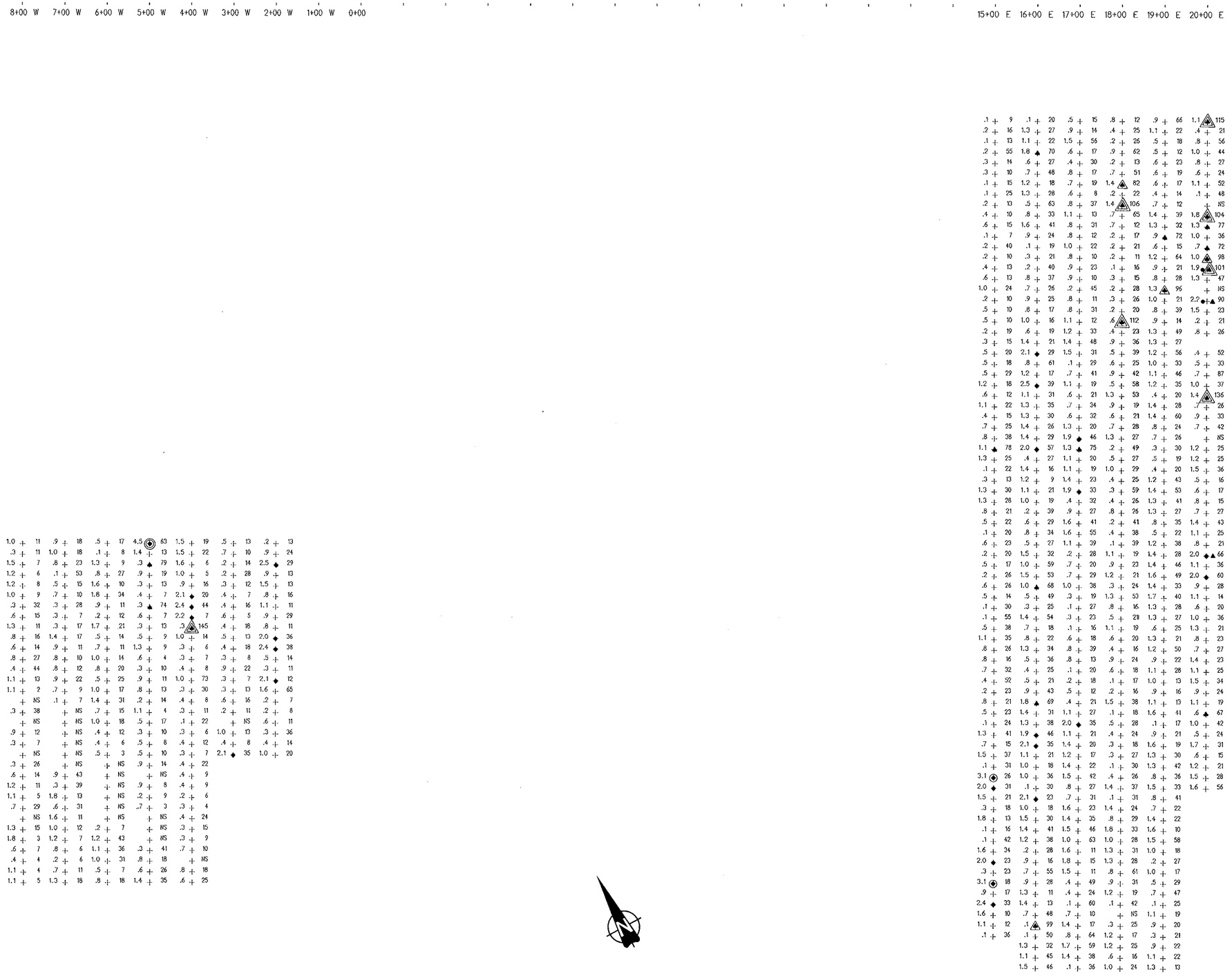
HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1 : 5000	N.T.S.: 82M/4E		FIGURE No: 9
DWN. BY:	DATE: June 1988		
CHKD. BY: K. Karchmar	PROJECT No: 886C 005		FILE No:

8+00 W 7+00 W 6+00 W 5+00 W 4+00 W 3+00 W 2+00 W 1+00 W 0+00

15+00 E 16+00 E 17+00 E 18+00 E 19+00 E 20+00 E

9+00 N
8+00 N
7+00 N
6+00 N
5+00 N
4+00 N
3+00 N
2+00 N
1+00 N
BASELINE
1+00 S
2+00 S
3+00 S
4+00 S
5+00 S
6+00 S
7+00 S
8+00 S
9+00 S
10+00 S



0 100 200 300 metres

LEGEND

SILVER

- <1.8 ppm background
- • 1.9 - 2.5 ppm
- ◉ 2.6 - 3.5 ppm
- ◎ >3.6 ppm

COPPER

- <66 ppm background
- ▲ 66 - 80 ppm
- ◬ 81 - 100 ppm
- ◬ >100 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,725

CANOVA RESOURCES LTD

AMY DEE 1 - 4 CLAIMS
Kamloops M.D., B.C.

SOIL GEOCHEMISTRY
SILVER, COPPER

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1 : 5000	N.T.S.: 82M/4E		FIGURE No: 10
DWN. BY:	DATE: June 1988		
CHKD. BY: K. Karchmar	PROJECT No: 88BC 005		FILE No:

8+00 W 7+00 W 6+00 W 5+00 W 4+00 W 3+00 W 2+00 W 1+00 W 0+00

15+00 E 16+00 E 17+00 E 18+00 E 19+00 E 20+00 E

1+00 N 2+00 N 3+00 N 4+00 N 5+00 N 6+00 N 7+00 N 8+00 N 9+00 N

BASELINE

1+00 S 2+00 S 3+00 S 4+00 S 5+00 S 6+00 S 7+00 S 8+00 S 9+00 S 10+00 S

6 + 92	2 + 123	1 + 142	43 + 80	7 + 80	1 + 104	6 + 138					
6 + 170	6 + 117	3 + 153	12 + 77	9 + 64	1 + 94	5 + 123					
8 + 47	6 + 43	7 + 112	10 + 131	8 + 68	7 + 200	18 + 108					
13 + 96	3 + 108	4 + 91	6 + 89	5 + 56	12 + 109	6 + 170					
10 + 127	3 + 71	9 + 68	8 + 46	5 + 98	1 ▲ 240	9 + 124					
7 + 88	3 + 112	12 + 75	1 + 203	11 + 69	2 ▲ 237	12 △ 307					
7 + 126	5 + 115	1 + 122	5 + 131	12 + 63	1 + 136	6 + 86					
7 + 128	9 + 82	9 + 125	3 + 52	10 + 20	7 + 63	10 + 125					
11 + 127	4 + 84	8 + 118	12 + 110	3 ▲ 263	11 + 78	2 + 94					
8 + 160	9 + 84	3 + 160	13 + 117	2 + 119	7 + 112	12 + 61					
7 + 128	8 + 94	1 + 116	10 + 124	1 + 98	1 + 147	12 + 43					
13 + 105	4 + 109	6 + 119	2 + 75	9 + 160	6 + 160	7 + 214					
11 + 95	4 + 106	8 + 103	3 + 94	2 + 143	5 + 129	5 + 214					
14 + 81	5 + 104	6 + 103	4 + 100	7 + 77	3 + 182	16 + 6					
7 + 97	7 + 131	8 + 112	7 + 107	6 + 89	5 + 115	8 + 61					
+ NS	5 + 170	9 + 78	2 + 123	10 + 88	1 + 102	6 + 61					
9 + 123	+ NS	6 + 89	5 + 72	1 + 49	4 ▲ 256	4 + 142					
+ NS	+ NS	9 + 75	6 + 121	5 + 96	+ NS	4 + 124					
5 + 64	+ NS	3 + 84	8 + 110	3 + 120	9 + 141	12 + 119					
2 + 103	+ NS	1 + 133	3 + 106	2 + 123	7 + 155	2 + 117					
+ NS	+ NS	1 + 116	10 + 67	7 + 77	10 + 64	2 + 125					
10 + 96	+ NS	+ NS	8 + 95	3 + 74							
8 + 115	12 + 106	+ NS	+ NS	7 + 100							
6 + 67	5 + 112	+ NS	3 + 77	6 + 105							
5 + 82	14 + 74	+ NS	3 + 60	6 + 74							
7 + 64	11 + 186	+ NS	2 + 63	4 + 28							
+ NS	11 + 85	+ NS	+ NS	6 + 67							
10 + 50	7 + 134	1 + 49	+ NS	7 + 72							
14 + 53	5 + 119	11 + 141	+ NS	2 + 63							
3 + 91	6 + 101	12 + 72	2 + 106	8 + 42							
6 + 105	5 ▲ 273	12 + 77	5 + 100	+ NS							
7 + 59	6 + 39	1 + 86	3 + 81	7 + 118							
6 + 72	6 + 87	5 + 133	6 + 98	5 + 117							

16 + 108	33 + 222	11 + 109	19 + 170	19 + 200	7 + 97	
6 + 213	42 + 120	12 + 159	13 + 161	27 + 131	17 + 187	
16 + 136	41 + 99	50 ◆ 177	14 + 163	9 + 141	20 + 127	
35 + 140	43 + 131	12 + 184	4 + 202	9 + 147	21 + 112	
3 + 166	22 + 147	28 ▲ 269	1 ▲ 260	7 + 223	19 + 188	
12 + 114	32 + 152	7 + 116	5 + 185	16 + 187	24 + 69	
24 ▲ 234	2 + 159	16 + 130	56 ◆ 177	14 + 118	13 + 219	
23 ▲ 282	8 + 111	19 + 173	15 △ 368	8 ▲ 250	1 ▲ 276	
4 + 121	7 + 198	8 + 58	45 ◆ 205	18 △ 328	+ NS	
1 + 110	31 + 138	18 + 194	38 + 142	2 + 126	15 + 120	
10 + 149	27 + 149	11 + 135	16 + 148	8 + 170	13 + 143	
10 ▲ 256	41 + 103	15 + 307	19 + 216	25 + 150	20 + 149	
28 ▲ 271	31 + 190	17 + 110	1 + 210	10 △ 304	27 + 91	
17 ▲ 244	27 + 181	28 + 129	4 ▲ 238	5 + 133	3 ▲ 232	
27 + 91	26 + 178	16 + 142	8 + 190	13 + 109	16 + 170	
3 + 134	30 + 197	25 ◆ 297	9 + 221	18 + 160	20 + 182	
7 + 96	29 + 166	4 + 230	29 ▲ 244	38 + 107	+ NS	
6 + 119	50 ◆ 101	18 + 143	27 + 146	15 + 147	22 + 94	
5 + 105	31 + 124	11 + 70	23 + 193	36 + 177	30 + 109	
8 + 157	21 + 133	17 + 124	6 + 75	20 + 96	9 + 203	
32 + 155	37 + 129	49 + 136	3 + 105	15 + 103	6 + 202	
26 + 167	40 + 127	43 + 169	44 + 152	11 + 133	+ NS	
2 + 162	49 ◆ 87	40 + 106	34 + 155	7 + 106	10 + 117	
31 + 105	44 + 142	22 ▲ 250	32 + 161	1 + 158	25 + 127	
43 + 138	3 + 98	29 + 143	7 + 131	1 + 117	15 + 144	
44 + 110	50 ◆ 74	35 + 105	39 + 190	4 + 97	10 + 136	
31 + 126	48 ◆ 137	37 + 123	33 + 133	9 + 180	20 + 61	
2 + 114	48 ◆ 146	31 + 164	28 + 146	1 + 121	18 + 140	
1 + 197	34 + 92	35 + 141	38 + 124	6 + 95	21 + 135	
2 + 124	45 ◆ 119	38 + 159	35 + 147	10 + 158	6 + 138	
34 + 164	30 + 137	48 ◆ 102	8 + 107	2 + 111	+ NS	
42 + 90	43 + 84	41 + 169	19 + 183	8 + 98	22 + 120	
48 ◆ 97	15 + 184	32 + 151	32 + 157	19 + 58	17 + 125	
18 + 225	42 + 147	32 + 152	10 + 121	10 + 118	6 + 90	
26 + 186	11 + 115	34 + 134	43 ▲ 260	11 + 102	13 + 130	
51 ◆ 193	4 + 178	1 + 69	1 + 82	9 + 96	7 + 132	
51 ◆ 114	43 + 207	26 + 205	37 + 161	8 + 97	21 + 125	
46 ◆ 130	39 + 183	39 + 153	28 + 126	11 + 126	6 + 176	
36 + 120	30 + 120	40 + 78	24 + 147	6 + 121	21 + 105	
29 + 145	31 + 156	41 + 71	33 + 125	7 + 84	14 + 93	
33 + 119	34 + 141	11 + 72	32 + 96	7 + 97	14 + 141	
32 + 107	43 + 97	31 + 150	15 + 104	21 + 120	21 + 76	
7 + 139	42 + 130	17 + 97	16 + 110	25 + 137	16 + 114	
17 + 114	6 + 79	6 + 106	10 + 109	21 + 130	20 + 86	
24 + 101	10 + 70	3 + 117	3 + 116	26 + 101	19 + 115	
24 + 124	31 + 151	10 + 114	15 + 124	26 + 84	24 + 74	
16 + 201	1 + 107	2 + 143	23 + 98	17 + 112	19 + 137	
8 ▲ 241	4 + 118	4 + 125	14 + 122	22 + 127	25 + 90	
32 + 128	28 + 142	23 + 126	14 + 80	20 + 112	33 + 92	
41 + 107	33 + 163	18 + 77	6 + 123	30 + 90	23 + 114	
34 + 113	34 + 159	18 + 97	8 + 160	20 + 95	16 + 172	
1 + 103	1 + 138	26 + 72	17 + 81	24 + 100	31 + 97	
40 + 93	21 + 88	13 + 158	20 + 118	20 + 117	30 + 92	
27 + 97	25 + 138	12 + 156	1 + 181	18 + 115	33 + 74	
31 + 125	14 + 134	14 + 180	7 + 184	19 + 110	30 + 120	
39 + 101	32 + 86	11 + 179	12 + 89	25 + 104	34 + 98	
28 + 88	40 + 137	22 + 112	20 ▲ 289	25 + 86	17 + 112	
25 + 215	39 + 131	26 + 94	17 + 175	1 + 194	19 + 91	
2 + 96	47 ◆ 96	22 + 148	12 + 138	20 + 122	24 + 154	
24 + 101	43 + 115	24 + 122	12 + 164	32 + 104	12 + 131	
35 + 141	29 + 192	29 + 129	3 + 114	25 + 85	24 + 164	
38 + 172	46 + 119	20 + 128	1 + 140	25 + 116	26 + 93	
1 + 46	34 + 154	32 + 86	24 + 175	14 + 122	26 + 113	
17 + 63	6 + 86	14 + 131	16 + 88	19 + 51	28 + 89	
3 + 129	40 ▲ 296	23 + 116	17 + 93	25 + 100		
25 + 226	31 + 171	29 + 78	15 + 96	26 + 48		
6 + 113	39 + 184	23 + 119	13 + 129	26 + 76		
24 ▲ 282	44 + 212	24 + 103	19 + 95	35 + 47		
47 + 171	35 + 172	27 + 136	7 + 135	30 + 47		
40 + 82	32 + 220	32 + 87	17 + 138	23 + 79		
45 ◆ 90	8 + 201	33 + 71	22 + 113	4 + 127		
33 + 129	61 + 140	32 + 67	16 + 84	23 + 131		
17 + 51	41 + 92	23 + 123	16 + 48	21 + 68		
3 + 100	9 + 89	25 + 92	25 + 50	19 + 58		
6 + 70	12 + 66	23 + 77	2 + 93	16 + 52		
12 + 153	29 + 78	18 + 140	+ NS	17 + 68		
19 + 64	34 + 139	31 + 98	1 + 154	11 + 75		
17 + 75	91 ◎ 128	16 + 169	23 + 119	8 + 98		
	36 + 121	29 + 99	18 + 152	19 + 94		
	31 + 155	30 + 120	15 + 170	18 + 74		
	22 + 181	13 ▲ 243	12 + 153	25 + 98		

0 100 200 300 metres

LEGEND

ARSENIC

<45 ppm background

• 45 - 60 ppm

◉ 61 - 80 ppm

◎ >81 ppm

BARIUM

<231 ppm background

▲ 231 - 300 ppm

△ 301 - 350 ppm

△ >350 ppm

CANOVA RESOURCES LTD

AMY DEE 1 - 4 CLAIMS
Kamloops M.D., B.C.

SOIL GEOCHEMISTRY
ARSENIC, BARIUM

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1 : 5000	N.T.S.: 82M/4E	FIGURE No: 12	
DWN. BY:	DATE: June 1988		
CHKD. BY: K. Karchmar	PROJECT No: 88BC 005	FILE No:	

8+00 W | 7+00 W | 6+00 W | 5+00 W | 4+00 W | 3+00 W | 2+00 W | 1+00 W | 0+00 | 15+00 E | 16+00 E | 17+00 E | 18+00 E | 19+00 E | 20+00 E

10+00 S / 9+00 S / 8+00 S / 7+00 S / 6+00 S / 5+00 S / 4+00 S / 3+00 S / 2+00 S / 1+00 S / BASELINE / 1+00 N / 2+00 N / 3+00 N / 4+00 N / 5+00 N / 6+00 N / 7+00 N / 8+00 N / 9+00 N

32 + 73	32 + 110	32 + 116	82 + 63	26 + 68	31 + 85	33 + 65								
33 + 84	30 + 83	31 + 90	39 + 80	31 + 66	24 + 72	35 + 105								
23 + 42	26 + 74	29 + 83	29 + 100	29 + 63	29 + 113	38 + 101								
33 + 92	30 + 91	28 + 68	33 + 90	25 + 50	30 + 108	40 + 96								
32 + 90	28 + 56	31 + 66	31 + 101	28 + 58	32 + 77	37 + 98								
32 + 76	31 + 65	35 + 74	31 + 110	33 + 73	32 + 65	31 + 90								
31 + 109	38 + 94	30 + 94	32 + 74	35 + 79	38 + 94	37 + 77								
31 + 86	24 + 59	28 + 69	22 + 43	24 + 44	24 + 41	37 + 104								
34 + 84	26 + 63	35 + 74	30 + 53	42 + 72	33 + 65	26 + 71								
31 + 95	35 + 69	30 + 65	32 + 65	29 + 86	26 + 68	41 + 90								
35 + 104	35 + 82	25 + 64	34 + 85	26 + 80	38 + 98	37 + 85								
41 + 100	35 + 73	39 + 67	32 + 75	33 + 95	33 + 135	36 + 108								
38 + 108	31 + 80	38 + 95	29 + 72	27 + 81	27 + 91	31 + 101								
34 + 116	31 + 88	34 + 77	30 + 90	41 + 70	32 + 96	18 + 8								
34 + 159	33 + 94	36 + 90	26 + 69	34 + 89	32 + 111	41 + 81								
+ NS	38 + 105	40 + 91	36 + 88	30 + 80	40 + 106	25 + 60								
37 + 146	+ NS	36 + 69	35 + 59	27 + 49	40 + 149	32 + 64								
+ NS	+ NS	38 + 64	35 + 84	23 + 74	+ NS	35 + 83								
24 + 74	+ NS	33 + 87	39 + 84	30 + 64	30 + 89	36 + 96								
34 + 110	+ NS	25 + 73	38 + 78	29 + 68	29 + 88	32 + 91								
+ NS	+ NS	30 + 144	28 + 64	31 + 63	32 + 71	36 + 85								
38 + 102	+ NS	+ NS	34 + 91	32 + 74										
36 + 104	41 + 101	+ NS	+ NS	28 + 100										
27 + 52	49 + 81	+ NS	31 + 81	34 + 90										
32 + 62	42 + 88	+ NS	27 + 82	26 + 63										
32 + 77	43 + 122	+ NS	27 + 78	22 + 36										
+ NS	36 + 87	+ NS	+ NS	30 + 72										
28 + 61	33 + 93	21 + 52	+ NS	34 + 80										
29 + 51	28 + 61	35 + 69	+ NS	29 + 72										
30 + 84	27 + 82	40 + 80	25 + 80	25 + 47										
32 + 93	41 + 123	35 + 77	29 + 86	+ NS										
28 + 50	22 + 37	24 + 51	34 + 84	32 + 75										
27 + 54	35 + 73	29 + 75	34 + 77	37 + 109										

20 + 90	13 + 108	15 + 87	19 + 102	15 + 105	9 + 113	
21 + 150	1 + 73	18 + 131	24 + 120	17 + 82	22 + 88	
1 + 62	1 + 93	9 + 127	15 + 88	22 + 74	19 + 92	
8 + 92	14 + 105	18 + 97	11 + 127	22 + 73	14 + 72	
18 + 73	2 + 97	20 + 149	25 + 98	15 + 102	20 + 98	
16 + 76	1 + 82	11 + 85	4 + 127	17 + 112	17 + 90	
17 + 106	7 + 67	16 + 64	13 + 121	11 + 83	18 + 127	
17 + 119	10 + 86	16 + 51	31 + 162	17 + 117	20 + 160	
14 + 93	28 + 30	22 + 64	11 + 120	22 + 101	+ NS	
19 + 64	5 + 74	30 + 106	5 + 116	15 + 88	13 + 111	
16 + 132	15 + 123	10 + 99	17 + 98	6 + 99	14 + 128	
20 + 93	3 + 64	24 + 77	24 + 127	8 + 123	19 + 113	
9 + 175	16 + 125	18 + 92	29 + 135	21 + 122	22 + 92	
20 + 114	9 + 131	19 + 124	24 + 95	7 + 99	12 + 124	
9 + 69	1 + 92	17 + 104	18 + 119	13 + 98	13 + 97	
11 + 113	5 + 147	23 + 116	24 + 137	20 + 91	16 + 101	
12 + 87	7 + 120	23 + 149	23 + 121	9 + 117	+ NS	
14 + 96	10 + 96	22 + 78	21 + 96	18 + 96	10 + 106	
12 + 65	12 + 94	20 + 91	14 + 96	12 + 113	24 + 101	
16 + 115	6 + 102	30 + 139	10 + 109	19 + 75	22 + 116	
18 + 99	10 + 120	13 + 112	16 + 111	13 + 108	27 + 112	
22 + 132	5 + 104	3 + 108	7 + 108	13 + 108	+ NS	
13 + 114	10 + 101	15 + 100	11 + 117	13 + 84	21 + 112	
9 + 83	17 + 126	17 + 137	7 + 119	14 + 91	16 + 70	
12 + 86	19 + 110	9 + 127	12 + 86	18 + 82	14 + 100	
12 + 87	8 + 96	12 + 89	12 + 104	21 + 84	12 + 91	
15 + 98	1 + 114	8 + 107	1 + 93	17 + 113	20 + 81	
13 + 104	3 + 117	8 + 111	10 + 108	11 + 76	21 + 94	
17 + 159	9 + 96	15 + 120	20 + 89	6 + 83	21 + 91	
117 + 183	14 + 93	15 + 104	16 + 112	20 + 138	20 + 110	
13 + 102	4 + 99	11 + 78	8 + 157	16 + 79	+ NS	
4 + 90	8 + 79	113 + 80	13 + 127	19 + 83	21 + 87	
15 + 89	27 + 39	6 + 130	11 + 153	20 + 64	18 + 81	
23 + 114	10 + 53	10 + 99	21 + 79	17 + 93	15 + 76	
11 + 96	9 + 44	11 + 117	40 + 186	9 + 84	20 + 78	
11 + 83	11 + 76	13 + 79	48 + 164	7 + 76	19 + 78	
7 + 92	4 + 92	1 + 110	18 + 101	18 + 76	24 + 88	
16 + 115	9 + 106	4 + 83	14 + 87	17 + 80	14 + 115	
7 + 96	18 + 91	20 + 80	18 + 94	16 + 97	15 + 79	
14 + 87	43 + 127	8 + 77	14 + 68	15 + 86	15 + 66	
10 + 96	15 + 131	26 + 90	14 + 60	11 + 75	20 + 95	
19 + 94	16 + 102	14 + 79	15 + 61	22 + 64	23 + 83	
20 + 121	11 + 102	16 + 92	17 + 68	22 + 64	24 + 72	
15 + 115	18 + 84	12 + 95	15 + 65	22 + 80	16 + 86	
11 + 97	21 + 97	15 + 94	24 + 76	29 + 93	20 + 94	
19 + 87	16 + 110	24 + 101	19 + 82	24 + 93	23 + 88	
12 + 126	16 + 105	27 + 111	29 + 102	23 + 106	33 + 121	
17 + 160	15 + 103	28 + 101	19 + 100	30 + 107	25 + 97	
13 + 108	15 + 102	23 + 130	13 + 99	22 + 101	22 + 112	
9 + 85	17 + 110	17 + 106	17 + 98	27 + 104	26 + 111	
12 + 83	7 + 103	21 + 102	22 + 123	63 + 130	23 + 135	
18 + 76	8 + 118	19 + 90	19 + 94	22 + 125	27 + 119	
18 + 79	5 + 81	26 + 119	23 + 122	40 + 133	23 + 99	
16 + 82	13 + 90	24 + 123	24 + 138	31 + 169	36 + 86	
13 + 82	4 + 97	27 + 115	19 + 115	24 + 108	23 + 109	
14 + 62	4 + 84	14 + 112	13 + 75	24 + 123	31 + 127	
11 + 44	5 + 94	30 + 95	28 + 141	26 + 98	29 + 101	
13 + 84	13 + 70	16 + 81	32 + 120	29 + 173	34 + 105	
15 + 78	4 + 81	17 + 88	21 + 100	26 + 113	887 ◉ 547 ▲	
11 + 59	10 + 75	21 + 114	27 + 110	26 + 89	496 ◉ 821 ▲	
20 + 85	9 + 90	24 + 111	26 + 104	25 + 71	1115 ◉ 1282 ▲	
20 + 129	13 + 110	7 + 84	28 + 98	26 + 85	117 + 164	
9 + 63	4 + 92	22 + 70	22 + 88	69 + 113	44 + 118	
19 + 68	28 + 30	14 + 102	21 + 63	27 + 58	34 + 74	
7 + 79	12 + 79	33 + 50	25 + 26	33 + 94		
20 + 126	13 + 116	17 + 64	28 + 63	24 + 24		
18 + 69	2 + 99	18 + 85	21 + 47	30 + 117		
13 + 75	21 + 126	17 + 91	21 + 83	21 + 54		
1 + 86	7 + 112	4 + 93	18 + 95	27 + 56		
8 + 74	4 + 130	25 + 56	24 + 83	21 + 65		
22 + 73	13 + 159	24 + 54	15 + 59	18 + 87		
12 + 101	18 + 150	19 + 70	18 + 195	22 + 106		
19 + 49	3 + 127	18 + 96	23 + 65	24 + 92		
10 + 82	14 + 106	14 + 87	16 + 63	20 + 83		
17 + 56	12 + 81	28 + 67	23 + 89	23 + 27		
12 + 66	24 + 67	23 + 99	+ NS	19 + 87		
19 + 60	27 + 169	15 + 99	12 + 119	17 + 65		
34 + 101	49 + 152	6 + 111	17 + 77	16 + 99		
	6 + 90	29 + 85	18 + 90	17 + 67		
	15 + 91	21 + 88	19 + 94	17 + 50		
	8 + 97	20 + 108	18 + 82	22 + 42		

0 100 200 300 metres

LEGEND

LEAD

<144 ppm background

• 144 - 200 ppm

◉ 200 - 500 ppm

◎ >500 ppm

ZINC

<224 ppm background

▲ 224 - 500 ppm

◬ 500 - 1000 ppm

◬ >1000 ppm

CANOVA RESOURCES LTD

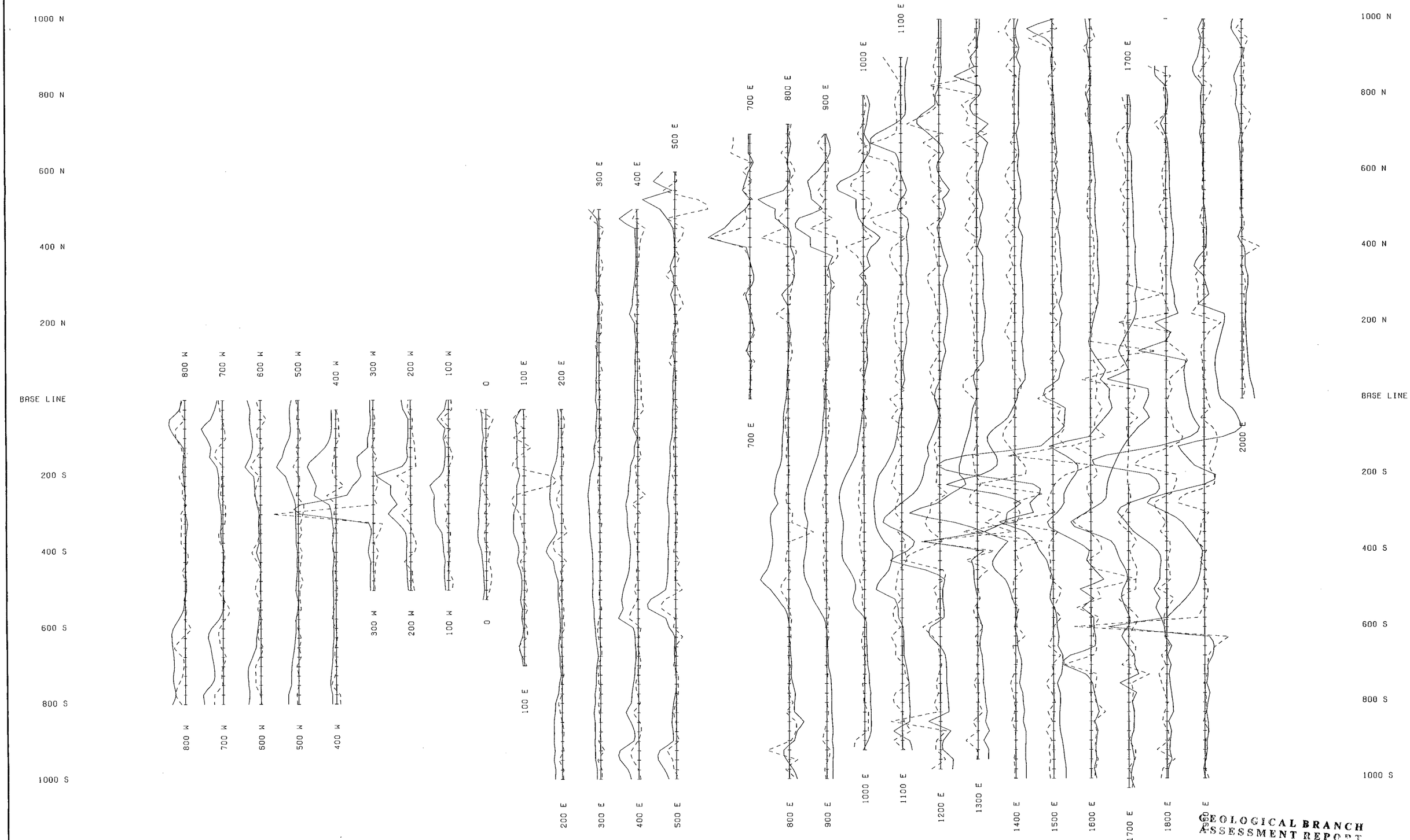
AMY DEE 1 - 4 CLAIMS

Kamloops M.D., B.C.

SOIL GEOCHEMISTRY
LEAD, ZINC

NI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1 : 5000	N.T.S.: 82M/4E		FIGURE No: 11
DWN. BY:	DATE: June 1988		
CHKD. BY: K. Karchmar	PROJECT No: 88BC 005		FILE No:



LEGEND

SOLID LINES TOTAL FIELD MINUS 59000 GAMMAS 500 GAMMAS / CM
DASHED LINES GRADIENT FIELD 100 GAMMAS/M / CM

INSTRUMENT USED: EDA OMNI-PLUS PROTON PRECESSION MAGNETOMETER

0 100 200 300 metres

CANOVA RESOURCES LTD

AMY DEE 1 - 4 CLAIMS

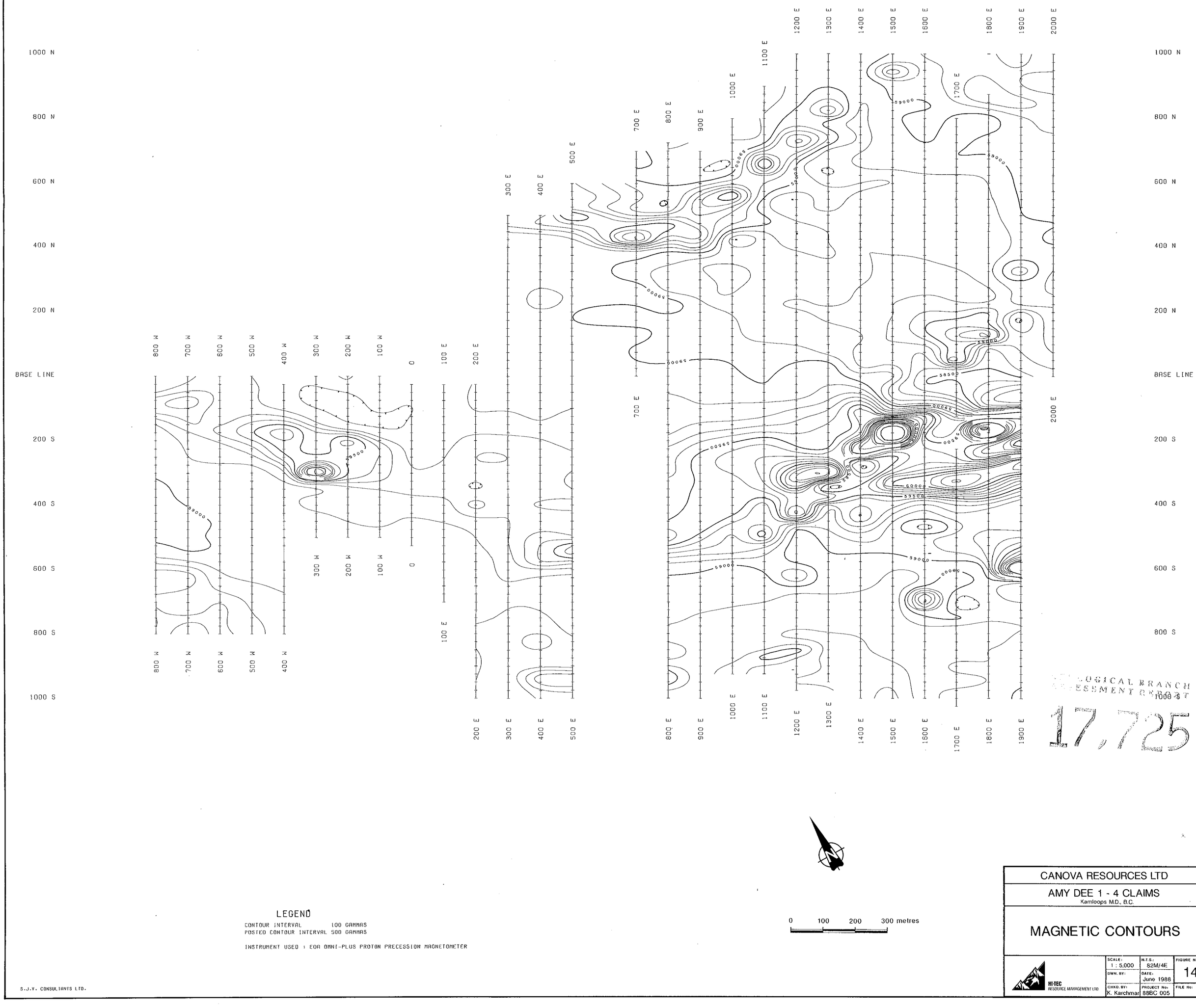
Kamloops M.D., B.C.

TOTAL FIELD and VERTICAL GRADIENT MAGNETOMETER

HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE: 1 : 5,000	N.T.S.: 82M/4E	FIGURE No: 13	
DWN. BY:	DATE: June 1988		
CHKD. BY: H. Grond	PROJECT No: 88BC 005	FILE No:	

S.J.V. CONSULTANTS LTD.



LEGEND

CONTOUR INTERVAL 100 GAMMAS
POSTED CONTOUR INTERVAL 500 GAMMAS

INSTRUMENT USED : EDA OMNI-PLUS PROTON PRECESSION MAGNETOMETER

0 100 200 300 metres

CANOVA RESOURCES LTD

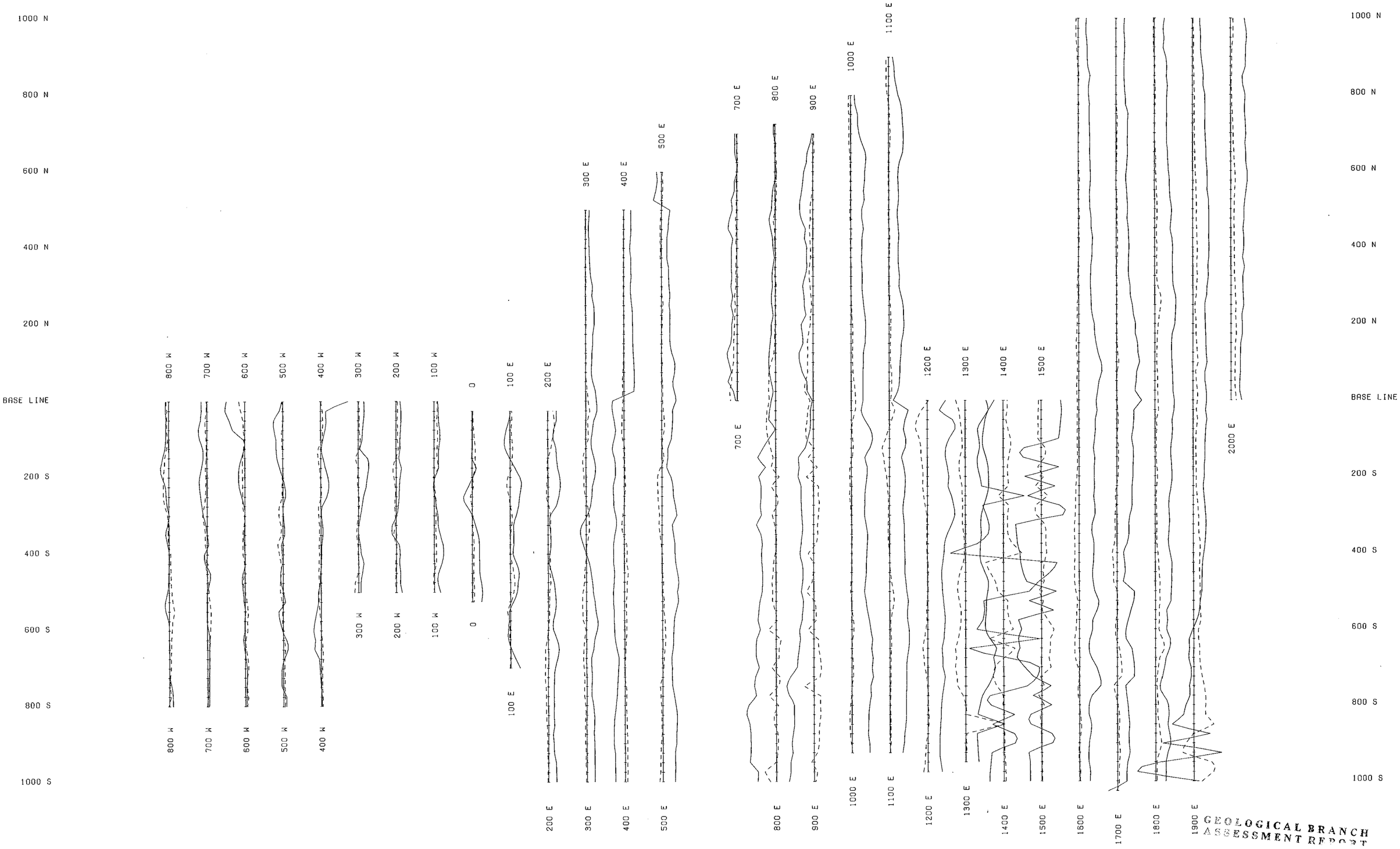
AMY DEE 1 - 4 CLAIMS
Kamloops M.D., B.C.

MAGNETIC CONTOURS

HI-TEC RESOURCE MANAGEMENT LTD

SCALE: 1 : 5,000	N.T.S.: 82M/4E		FIGURE No: 14
DWN. BY:	DATE: June 1988		
CHKD. BY: K. Karchmar	PROJECT No: 88BC 005		FILE No:

S.J.V. CONSULTANTS LTD.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,725

LEGEND

SOLID LINES VLF-EM DIP ANGLE 5% / CM
DASHED LINES VLF-EM QUADRATURE 5% / CM
THE SIGN OF THE DATA MAY NOT ALWAYS BE CORRECT

INSTRUMENT USED: EDA OMNI-PLUS VLF-EM SYSTEM

0 100 200 300 metres

CANOVA RESOURCES LTD

AMY DEE 1 - 4 CLAIMS

Kamloops M.D., B.C.

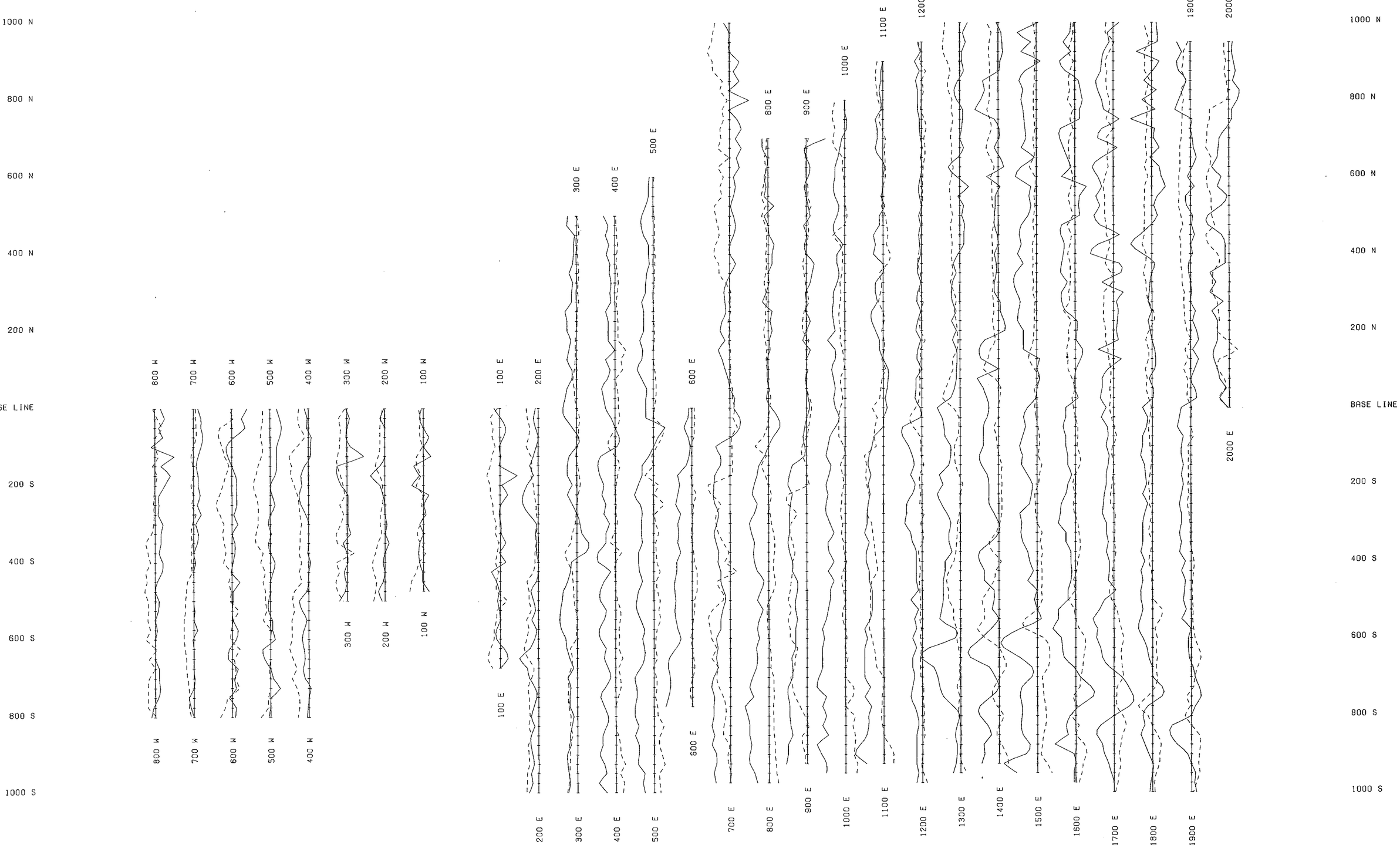
VLF - EM PROFILES

(JIM CREEK)

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE:	N.T.S.:	FIGURE No:
1 : 5,000	82M/4E	15
DWN. BY:	DATE:	
	June 1988	
CHKD. BY:	PROJECT No:	FILE No:
H. Grond	88BC 005	

S.J.V. CONSULTANTS LTD.



LEGEND

SOLID LINES VLF-EM DIP ANGLE 20% /CM
DASHED LINES VLF-EM FIELD STRENGTH 40 /CM BASE = 50
TRANSMITTER STATION: ANNAPOLIS (NSS 21.4 KHZ)

INSTRUMENT USED: SABRE VLF-EM SYSTEM

100 0 100 200 300

CANOVA RESOURCES LTD

AMY DEE 1 - 4 CLAIMS

KAMLOOPS M.D., B.C.

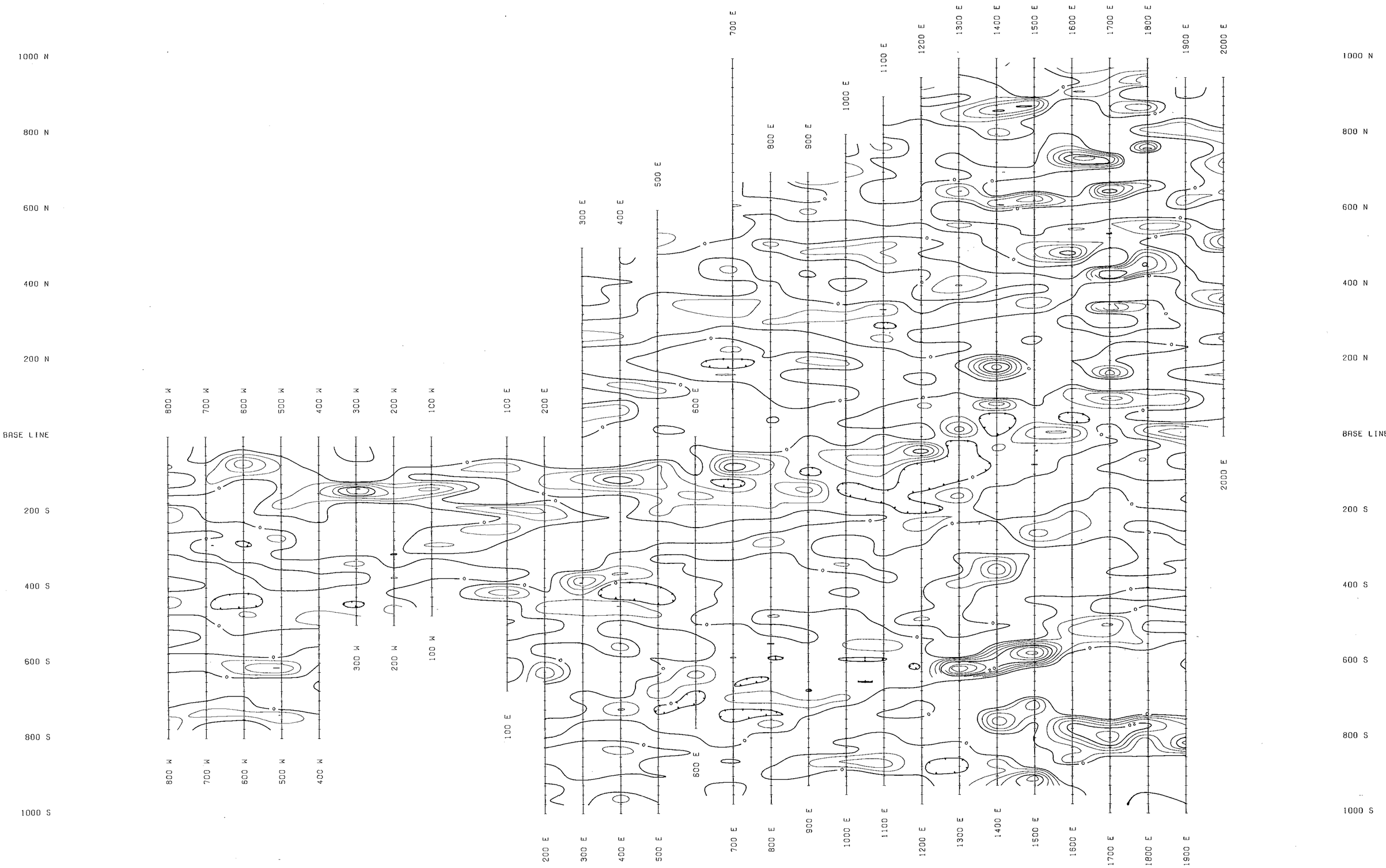
VLF-EM PROFILES

(ANNAPOLIS)

DIP ANGLE AND FIELD STRENGTH

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1:5000	N.T.S.: 82M / 4E	FIGURE NO: 16	
DWN.BY:	DATE: JULY 1988		
CHKD.BY: H. Grond	PROJECT NO: 88BC 005	FILE NO:	



LEGEND

CONTOUR INTERVAL: VALUES > 0 5

TRANSMITTER STATION: ANNAPOLIS (NSS 21.4 KHZ)

INSTRUMENT USED: SABRE VLF-EM SYSTEM

100 0 100 200 300

S.J.V. CONSULTANTS LTD.

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AMY DEE 1 - 4 CLAIMS

KAMLOOPS M.D., B.C.

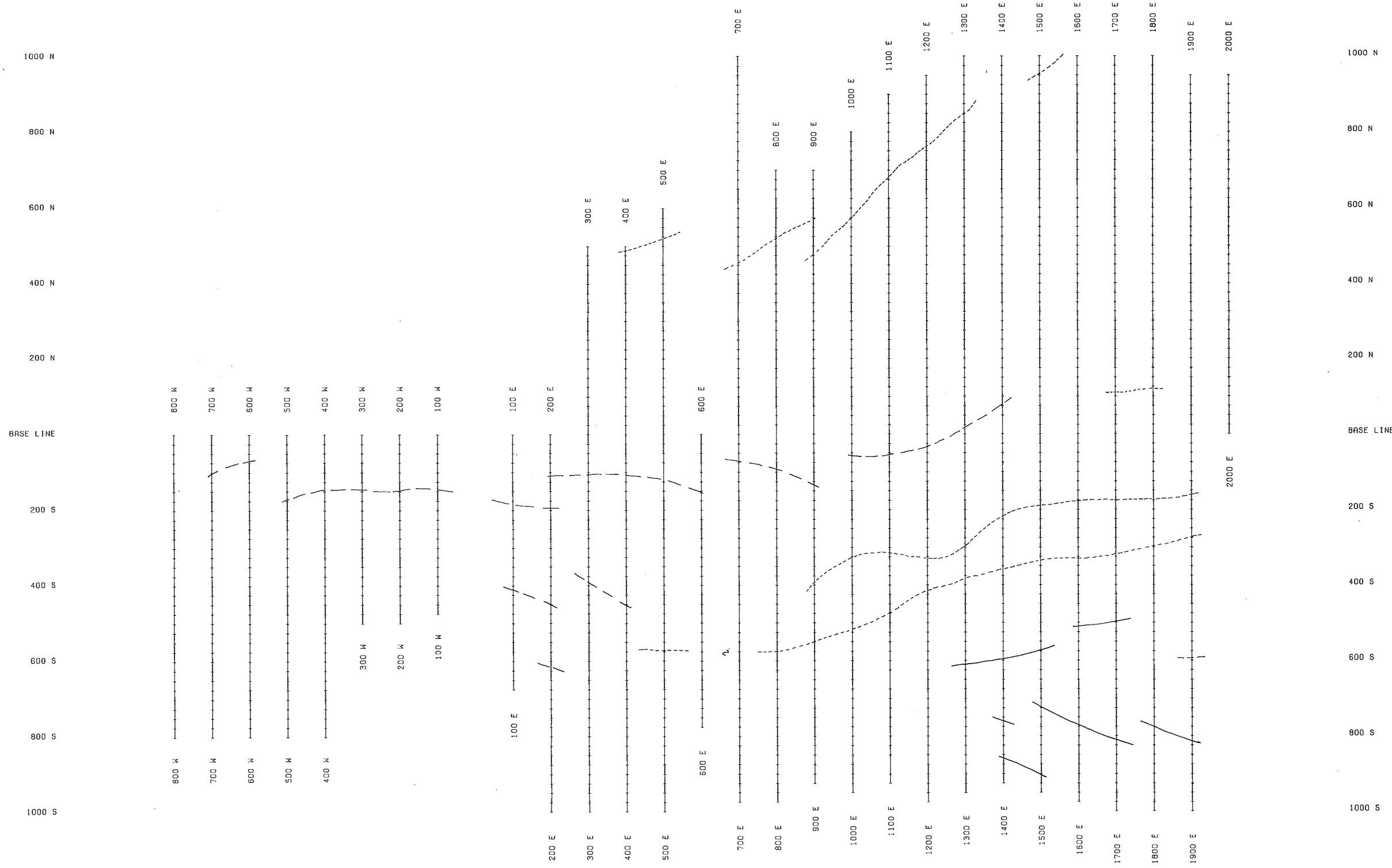
VLF-EM CONTOURS

(ANNAPOLIS)

FRASER FILTER OF DIP ANGLE

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1:5000	N.T.S.: 82M / 4E	FIGURE NO: 17
DWN.BY:	DATE: JULY 1988	
CHKD.BY: H. Grond	PROJECT NO: 88BC 005	FILE NO:



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,725

LEGEND

——— STRONG WELL DEFINED VLF-EM CONDUCTOR AXIS
– – – VLF-EM CONDUCTOR AXIS

~~~~~ MAGNETIC ANOMALY AXIS

100 0 100 200 300

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VLF-EM AND MAGNETOMETER COMPILATION MAP

HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE: 1:5000	N.T.S.: 82M / 4E		FIGURE NO: 18
DWN.BY:	DATE: JULY 1988		
CHKD.BY: H. Grond	PROJECT NO: 88BC 005		FILE NO:
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