

Assessment

GEOLOGY REPORT

on

THE TILlicum MOUNTAIN GOLD PROPERTY
SLOCAN MINING DIVISION, BRITISH COLUMBIA
Latitude: 49° 59' N Longitude: 117° 43' W

NTS 82F/13 and 82K/4

for

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by

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SUMMARY

The IBEX Resources Ltd., Tillicum Mountain property is an advanced stage exploration project. The property has mineral reserves in the East Ridge Zone that have been outlined by previous diamond drilling. The Grizzly Zone is in an early stage of exploration with three of the four holes drilled to date intersecting gold mineralization of economic significance. Several other mineral zones are identified and are at various stages of exploration. The potential for development of economic mineral reserves in the property is considered to be excellent.

The Tillicum project is located in the Arrow Lakes region of southeastern British Columbia, 17 kilometers (10 miles) east of the village of Burton where service facilities are available. The property, consisting of 177 mineral claim units, covers an area of approximately 3,290 hectares overlying Tillicum Mountain and the headwaters of Londonderry Creek. IBEX Resources Ltd. owns a 100 % interest in the property, subject to advance royalty payments against a variable net smelter return royalty from future production.

High grade gold was discovered on the north side of Tillicum Mountain in 1980. Esperanza Explorations Ltd., during the period 1980 through 1990, carried out an extensive exploration and development program. Detail geological mapping, cross sections and longitudinal sections incorporating all survey data, drilling, and underground development of the Heino-Money and East Ridge deposits were created.

Three significant gold zones have been explored within the property: Heino-Money, East Ridge, and the Grizzly zones. Several additional mineral targets have been partly explored by trenching and initial diamond drill tests. During the brief history of the property over \$11,200,000 has been spent on exploration and development.

Previously defined ore reserves in the Heino-Money zone (Gustafson Mine) were mined in 1993 and further exploration of the Gustafson Mine zone is not considered a priority target at this time.

The Lower Jennie zone was thought in the past to be the northern extension of the Gustafson mineral system. A new vein was found in this zone and the potential for developing high grade mineralization is considered good. Diamond drilling of this zone has been recommended.

The Grizzly zone comprises a large mineralized system located some 1,000 meters southeast of the East Ridge zone. Gold-silver mineralization has been outlined over a strike length of 400 meters by surface exposures and 4 widely spaced drill holes. The zone is open along strike and to depth. Mineralization occurs in shear-related calc-silicate skarns with irregular bands of pyrrhotite and pyrite, within similar volcano-sedimentary and intrusive rock units that host the Heino-Money and East Ridge deposits. The vein system is, in places, coincident with the Grizzly Fault.

Initial evaluation of the Grizzly mineral system indicates that the zone is an outstanding exploration target and presents an excellent potential for development of additional gold-silver reserves on the property.

The immediate attractive exploration target is the East Ridge deposit. This mineralized system contains the bulk of the defined mineral reserves on the property. Diamond drilling and limited underground development has identified at least 4 shear-related, quartz-calc-silicate skarn horizons carrying gold and related sulphide minerals within a calc-silicate altered succession of tuffaceous sediments and volcanics which have a thickness of up to 75 meters. The system has been delineated over a strike length exceeding 875 meters and to a depth of at least 365 meters. The East Ridge zone represents an extensive mineralized system that is open along strike and to depth.

Previous workers have designated the East Ridge system as the South and North zones, mainly due to the extent of drilling and development of those zones. Continuity of gold mineralization in the main A horizon has been established over the known strike length of the system and three additional sub-parallel, shear-related mineral horizons have been identified within the hanging wall assemblage of the main A horizon. Due to the relatively wide drill spacing, the apparent sharp cut-off of high gold values at the margins of the mineralized shoots, and the extreme nugget effect noted in gold assaying, calculated mineral reserves have been classified as drill indicated reserves.

A summary of estimated mineral reserves for the East Ridge deposit and the Grizzly zone is tabulated below.

Location	Reserve Type	Tons	Grade ozAu/ton	Oz.
East Ridge Zone	Drill indicated	523,203	0.28	149,017
Grizzly Zone	Possible	277,854	0.40	111,142
Totals		810,057		260,159

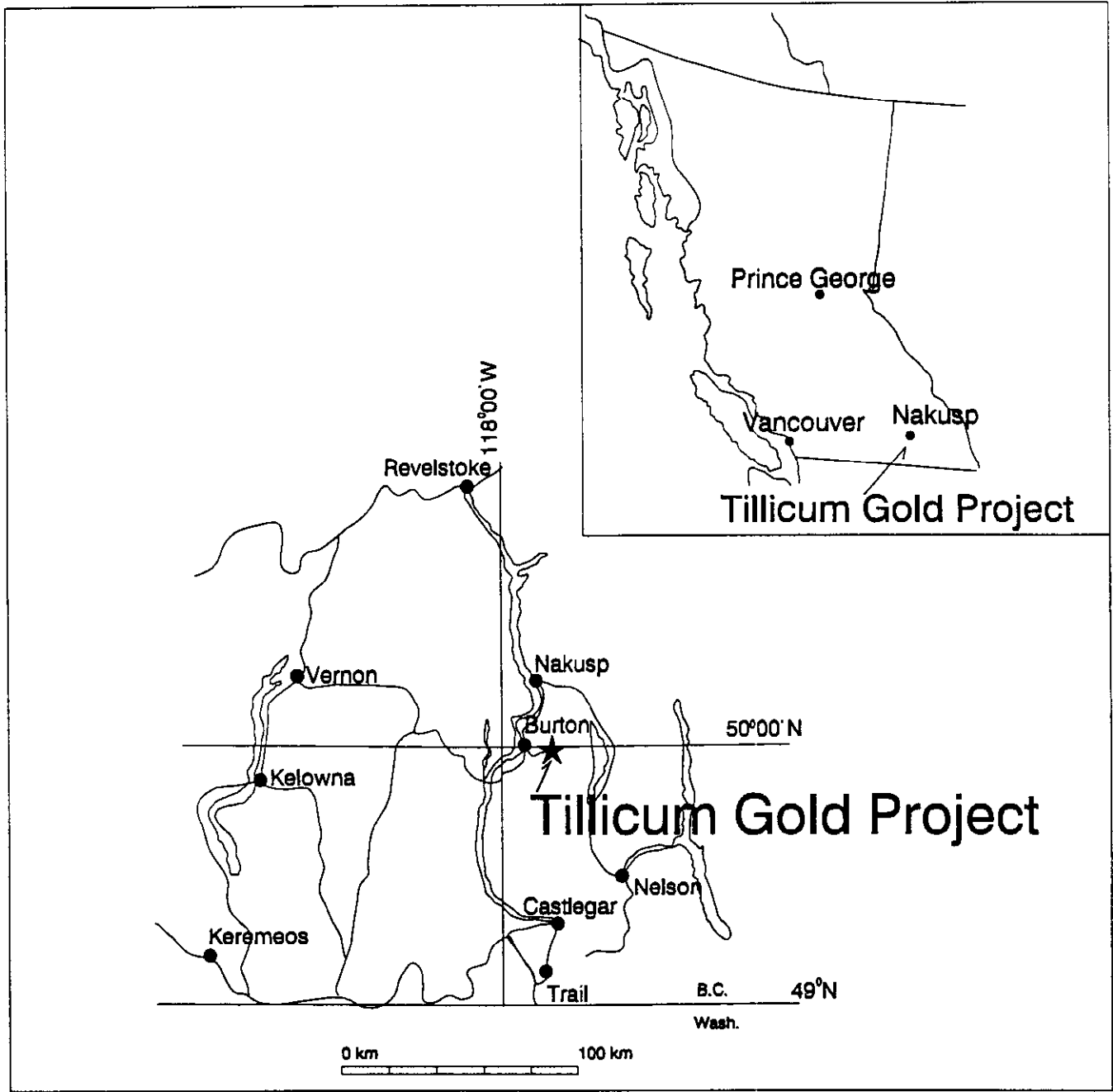
For the calculation of mineral reserves, the gold grade has been weighted by taking the average of $Tons \times Ln(Grade)$. Analysis of the 1996 sampling has shown that the gold values are Ln-normally distributed and this factor has been incorporated into grade calculations

The 1996 field work was very successful in that important ore controls have now been identified and a new model for gold deposition has been defined. This model proposes faulting as the main ore control and is expected to assist in future identification of mineralized areas and in the delineation of high grade zones. A gold skarn model previously used on the property failed to incorporate important, identifiable structures that provided a conduit for mineralized fluids to reach receptive host rocks. Geochemical sampling of the rocks also indicates that sodic and potassic alteration may be important in localizing the gold-bearing mineralization. These revisions to the simple skarn model are expected to permit rapid and more effective exploration programs on the property. As well, the revised model also suggests that large mineralized areas including the Silver Queen zone and the Arnie Flats zone warrant re-examination.

Geologically there is a structural control with a plunge to the north, most of the gold mineralization is in faults and graphitic veins have been found which have seepage geochemical anomalies. At least three vein types have been identified on the property to date. These are gold bearing pyrrhotite veins, gold bearing poly-metallic veins and graphite veins.

The thrust of the initial exploration effort should be directed toward further defining the high grade mineral zones in the East Ridge deposit and an infill diamond drill program has been recommended to upgrade and increase the presently estimated mineral reserve. As well, diamond drilling has been recommended to further delineate the Grizzly Fault vein system and to test the Lower Jennie zone.

The Tillicum gold project is considered an advanced exploration project with defined mineral reserves and several significant mineral targets at various stages of exploration and development. .



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TILLICUM GOLD PROJECT		
PROPERTY MAP		
Scale 1 : 2, 631, 579	Date: May 2, 1997	Figure: 1

INTRODUCTION

Terms of Reference

This report on the Tillicum Mountain gold project was requested by the directors of AMT Resources Ltd., a company with offices at 60 Queen Street, Ottawa, Ontario, Canada, K1P 5Y7.

The report is based on the review of an extensive collection of data, maps and reports from the library of the owners of the property and upon a mineral exploration program carried out on the property by the writer during the 1996 field season. It includes new geological interpretations, new VLF EM-16 data, new assays, and a new tonnage evaluation.

Property Location and Access.

The Tillicum Mountain project is located in the Arrow Lakes area of southeastern British Columbia, 10 miles (17 km) east of the village of Burton.. The property is located on Tillicum Mountain, on the western limits of the Valhalla Range and is in the Slocan Mining Division. In geographic coordinates the property is located at 49° 49' N latitude and 117° 43' W longitude, on N.T.S. mapsheets 82F/13 and 83K/4.

Elevations on the property range from 2900 feet (884 m) to 7200 feet (2195 m) with the main camp located at an elevation of 4461 feet (1360 m). The topography is generally steep and at higher elevations precipitous. Outcrop is limited to ridge crests and comprises less than ten percent of the surface area. The slopes are generally covered with a thin layer of overburden and a coniferous forest extends to within 100 meters of mountain peaks and ridges. Water sufficient for drilling is available below the 5280 ft. elevation from both Elaine and Sue Creeks.

Access to the property is from Burton via a network of logging and mine access roads along Caribou and Londonderry Creeks. The distance from Burton to the Gustafson Mine is 10 miles (17 km). This is a good four-wheel drive road which has been upgraded over the years. Access to the higher elevations requires use of a four-wheel drive vehicle. In the past the road has been partly upgraded for use as a mine haulage road.

The Arrow Lakes Region is characterized by warm, moderately moist summers and by cool, snowy winters. Total rain from May to September averages 280 mm and the total annual precipitation is 810 mm. Mean temperatures are 18.3° C in July, dropping to minus 5.0° C in December. The property is usually snow-free from June 15 through September 30 and, with snow clearing, practical mining operations can be conducted throughout the year.

Food, gas and accommodation are available in Burton. The town of Nakusp offers a wider range of supplies and services, including a hospital and a well trained workforce.

Claim Status.

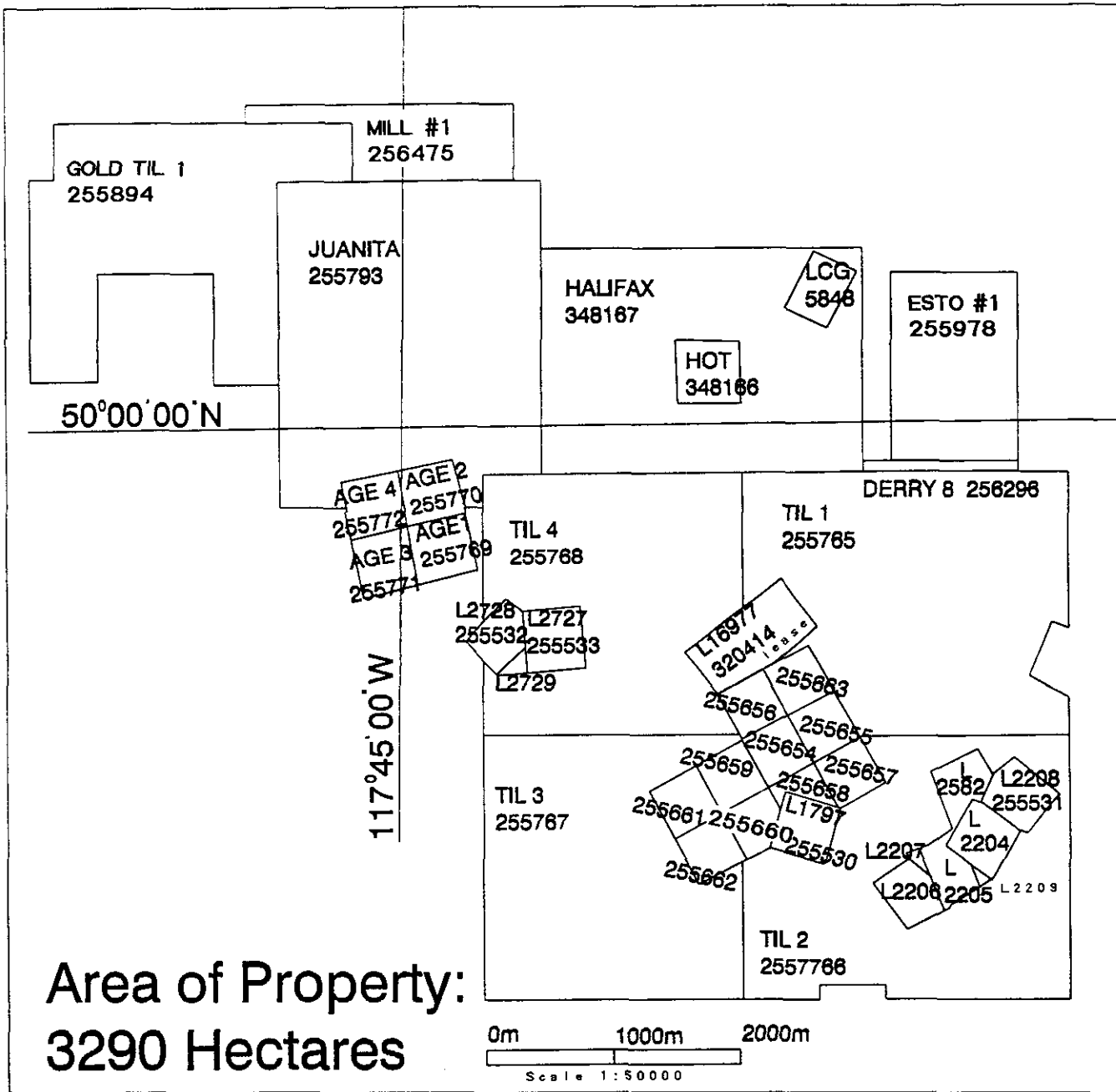
The Tillicum property consists of 148 units in 'Modified Grid' system, 20 claims in the '2-post' system, and 6 Crown-granted mineral claims. All claims are held by AMT Resources Ltd., who have purchased a 100 % interest in the properties subject to a schedule of advance royalty payments against a variable net smelter return to the registered owners. The mining lease #320414 is also owned by AMT Resources Ltd.

The claims are located in the Slocan Mining Division and are shown on Mineral Titles Reference Map Sheets 82F/13 and 82K/4 and Figure 2, Claim Map. A legal title search has not been made of each claim. Claim information on file at the Mining Recorders Office in Nelson, B. C. shows the claims as follows:

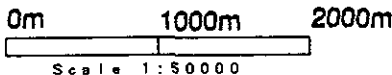
Table 1: Mineral Claims

<u>Claim Name</u>	<u>Record Number</u>	<u>Units</u>	<u>Due date</u>
Sandy Too 1- 3	255654-56	3	Sep 20, 1997
Molly	255533 (RCG)	1	Aug 8, 1997
Age 1 - 4	255769-72	4	Sep 29, 1997
Near 1 - 7	255657-63	7	Sep 20, 1997
Til 1	255765	20	Sep 29, 1998
Til 2	255766	20	Sep 29, 1997
Til 3	255767	16	Sep 29, 1997
Til 4	255768	16	Sep 29, 1999
Little Joe/Molly Fr.	255532 (RCG)	1	Aug 8, 1997
Wolf Lease	320414	1	Jan 23, 1997
Hugh Lease	320414	1	Jan 23, 1997
Derry # 8 Fr.	256296	1	Feb 19, 1998
Black Bear	255531 (RCG)	1	Aug 8, 1997
Golden Hope	255530 (RCG)	1	Aug 8, 1997
Gold Till 1	255894	20	Aug 27, 1997
Esto # 1	255978	6	Jul 29, 1997
Mill # 1	256475	10	May 17, 1997
Juanita	255793	20	Oct 28, 1997
Halifax	348167	20	July 18, 1997
Hot	348166	1	July 17, 1997

<u>Crown Grants</u>	<u>Lot No.</u>	<u>Units</u>
Grey Wolf	2204	1
Red Fox	2205	1
Black Fox	2206	1
Black Fox Fr.	2207	1
Grey Wolf Fr.	2209	1
Black Bear Fr.	2582	1



Area of Property:
3290 Hectares



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IBEX RESOURCES LTD.	
TILlicum GOLD PROJECT	
CLAIM MAP	
Date: Nov.10/96	Figure: 2

SURVEY PLAN OF HUGH AND WOLF MINERAL CLAIMS, AND THE HEINO-MONEY AGREEMENT AREA

B.C.G.S. 82F.092
SLOCAN MINING DIVISION

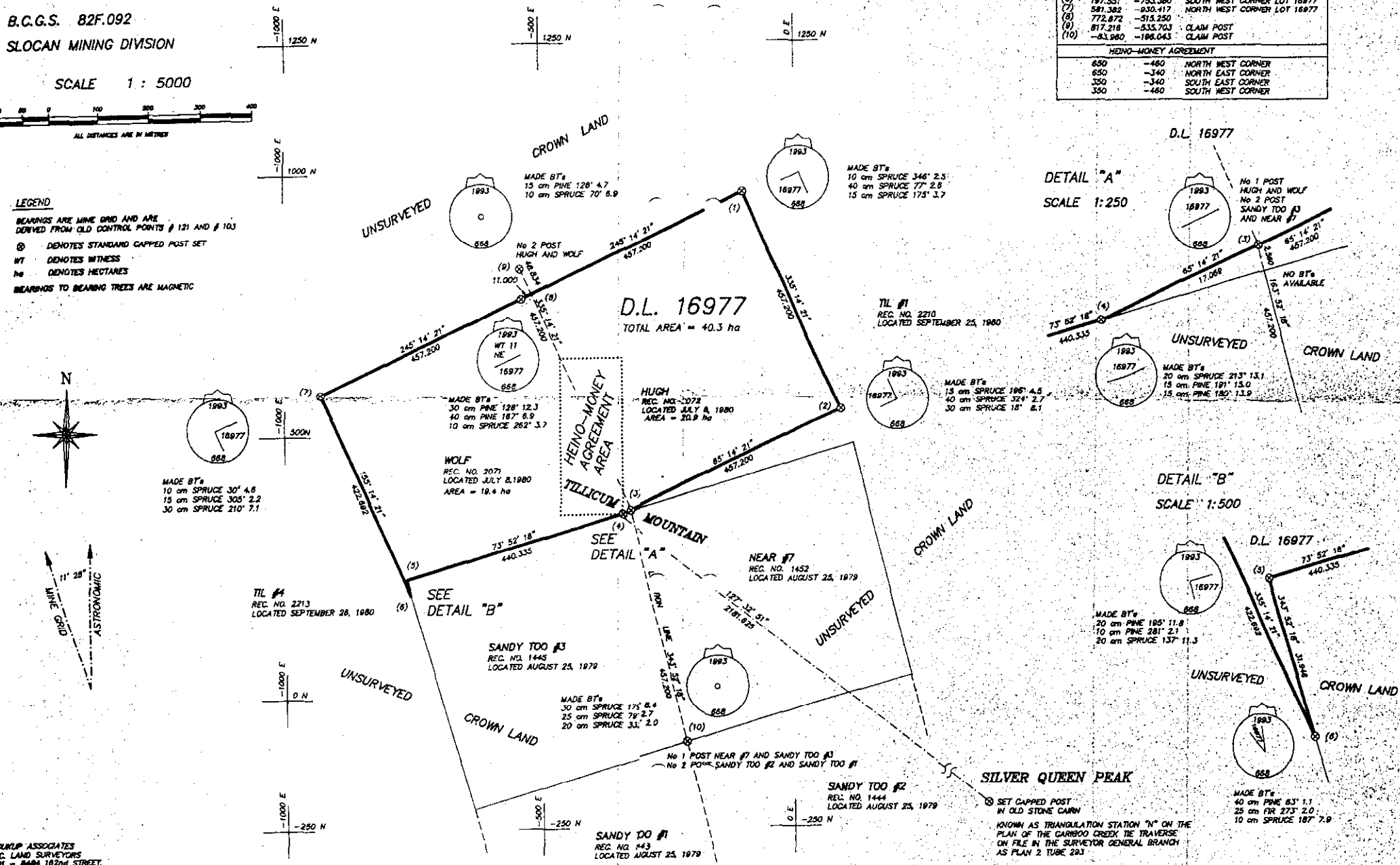
SCALE 1 : 5000



LEGEND

BEARINGS ARE MINE GRID AND ARE DERIVED FROM OLD CONTROL POINTS # 121 AND # 103
 ⊙ DENOTES STANDARD CAPPED POST SET
 WT DENOTES WITNESS
 ha DENOTES HECTARES
 BEARINGS TO BEARING TREES ARE MAGNETIC

TABLE OF COORDINATES			
STN	NORTH	EAST	REMARKS
(1)	864.362	-100.083	NORTH EAST CORNER LOT 16977
(2)	549.185	81.407	SOUTH EAST CORNER LOT 16977
(3)	357.705	-321.780	CLAIM POST
(4)	350.560	-338.251	
(5)	228.240	-782.254	
(6)	197.551	-783.380	SOUTH WEST CORNER LOT 16977
(7)	581.382	-830.417	NORTH WEST CORNER LOT 16977
(8)	772.872	-515.250	
(9)	817.218	-535.703	CLAIM POST
(10)	-83.980	-186.043	CLAIM POST
HEINO-MONEY AGREEMENT			
650	-460		NORTH WEST CORNER
650	-340		NORTH EAST CORNER
350	-340		SOUTH EAST CORNER
350	-460		SOUTH WEST CORNER



DETAIL "A"
SCALE 1:250

DETAIL "B"
SCALE 1:500

Fig. 2a

A check at the Land Titles Offices in Nelson, B. C. shows that the undersurface rights for the 6 Crown Grants are held by AMT Resources Ltd. Mining Lease No. 320414 covering the Wolf and Hugh claims has been transferred to AMT Resources Ltd. The total area of the claims area, due to considerable overstaking of the 2-post claims and Crown-granted claims, is approximately 3290 hectares.

HISTORY

The history of mining in the Burton area dates back to the turn of the century with numerous placer gold operations located on Caribou Creek. This creek basin also contains a number of abandoned small scale mine workings that were active during the period 1896 through 1930 and intermittently through to about 1960.

The Tillicum prospect, a free gold discovery on the north side of Tillicum peak, was made in 1980 by A. & E. Gustafson. This discovery, found after the prospectors had completed a prospecting course offered by the Ministry of Mines in Nelson, B.C, turned out to be what is now referred to as the "Money Pit". The discovery sample ran twenty-five ounces of gold per ton, the highest grade gold specimen found in Canada that year. The specimen is now on display at the Chamber of Mines of Eastern British Columbia in Nelson.

An option agreement was obtained by Welcome North Mines and a company, Esperanza Explorations Ltd., was formed to explore the property. During the period 1980 - 1987, Esperanza Explorations Ltd. carried out an extensive exploration and development program. A ragged wire form of gold, called "angel ore", was found when, after the first blast in the Heino pit, a rock was seen swinging like a pendulum held by a strand of gold.

During 1985 and 1986 the underground drifting programs produced 3700 tons of ore from the Heino zone and in 1988 underground drilling on the Heino-Money deposit, combined with 1450 feet of underground exploration drifts, established a mining reserve of 18,900 ounces (Roberts, 1995).

In early 1993, Bethlehem Resources Corporation and Goldnev Resources Inc. optioned the property from the owner, Columbia Gold Mines Ltd. Mining commenced in mid-August and was completed in late October with the mining contracted to Procon Mining and Tunneling Ltd. under direction of the operator, Bethlehem Resources Corporation (R. Glanville, 1994). By 1996 the property was returned to the Gustafsons who subsequently sold the property to AMT Resources Ltd.

EXPLORATION BY ESPERANZA

Exploration carried out by Esperanza Explorations Ltd. during the period 1980 through 1989 comprised a comprehensive evaluation of two gold skarn deposits as well as several other gold and silver skarn zones and deposits on the property.

Surface geological mapping, airborne and ground geophysical surveys and soils geochemistry have been completed at various scales over the property and the principal areas of interest. Detailed cross sections and long sections incorporating all surveyed data, drilling, and underground development on the Heino-Money and East Ridge zones have been compiled.

In total 29,009 meters (95,150 feet) of surface diamond drilling and 3,865 meters (12,677 feet) of underground drilling in a total of 376 holes was completed during the period 1981 through 1989. Over 80 percent of the surface drilling and all underground drilling was carried out on the Heino-Money and East Ridge zones. Underground drifting and raising on the Heino-Money zone totaled 1,374 meters (4,507 feet) and drifting, with limited raising, on the East Ridge zone totaled 410 meters (1,345 feet).

Underground development and surface trenching of the Heino-Money zone in 1985 and 1986 produced a 3,276 ton bulk sample which was shipped to custom mills for metallurgical test work. The ore was found to be free milling and standard crushing, grinding, gravity and flotation circuits yielded a 92% gold recovery. A total of 3,180 ounces of gold was produced from the tests and approximately two-thirds of the gold was found to be associated with sulphide minerals.

Various calculations of tonnage and grade, with various cut-off grades, have been made for both the Heino-Money and the East Ridge zones. Reserves for initiation of mining of the Heino-Money deposit in 1989 were calculated as 30,000 tons grading 0.80 oz/ton gold in the proven and probable categories with additional drill indicated and potential reserves of 370,000 tons grading 0.50 oz/ton gold (Tupper and Roberts, 1988). Following the 1989 exploration program Esperanza personnel reported ore reserves for the Heino-Money deposit as a production reserve of 17,500 tons with a diluted grade of 1.0 oz/ton gold outlined in four ore shoots over a strike length of 183 meters, a depth extent of 92 meters, and an average width of 1.8 meters. As well, additional reserves had been estimated at 32,500 tons grading 1.0 oz/ton gold.

Infill drilling in 1989 on the East Ridge North zone confirmed continuity of the mineralization and led to East Ridge zone reserve calculations, categorized as drill indicated and drill inferred, totaling 1,306,000 tons at 0.17 oz/ton gold. Within this reserve, a drill indicated 263,000 tons grading 0.39 oz/ton, using a minimum mining width of 5 feet and a cut-off grade of 0.2 oz/ton, was established for the East Ridge South zone.

In 1989 Esperanza commissioned Orcan Mineral Associates Ltd. to carry out an evaluation of ore reserves for the Heino-Money and the East Ridge zones and to

conduct a preliminary economic feasibility study for commercial production from the Heino-Money deposit. Results of these studies indicated mining reserves of 16,830 tons grading 1.022 oz/ton within the Heino-Money zone and a geological reserve of 262,700 tons grading 0.394 oz/ton gold in the East Ridge zone (Saunders, 1989).

Exploration had been successful in tracing mineralization along the projected strike of the two deposits, as well as, identifying new mineral zones requiring further definition. Geological interpretations have been assisted through utilization of petrographic studies and chemical analysis. The 1989 exploration programs also carried out preliminary evaluation and initial drill testing of the Arnie Flats zone and the Grizzly zone.

A baseline water quality study was made in August of 1984 and a "Preliminary Engineering and Environment Report" by Knight and Piesold Ltd. of Vancouver, B.C. was completed in February 1987 for a proposed mill site on Londonderry Creek. These studies concluded that, in overall terms, the watershed can be described as neutral in pH and essentially clear of any particulate matter. Common dissolved metal constituents of water were found in very low quantities and in the majority of cases total metals were below the level of analytical detection. Arsenic and strontium, commonly associated with gold mines, were found in all samples but at very low levels.

Columbia Gold Mines Ltd. (formerly Esperanza Explorations Ltd.) optioned the property to Bethlehem Resources Corporation and Goldnev Resources Inc. in early 1993. Mining of portions of the Heino-Money deposit resulted in 6,067 tons being shipped to the Goldstream mill near Revelstoke for test milling and concentration. The calculated head grade of the shipped ore was recorded as 0.578 oz/ton gold.

In 1994, Columbia Gold commissioned Ross Glanville & Associates to carry out a Valuation of the Tillicum Mountain Project. This report confirms reserves for the East Ridge deposit, in all categories, as totaling 1,172,000 tons grading 0.26 oz/ton gold with a cut-off grade of 0.15 oz/ton.

GEOLOGY

Regional Geology

The Tillicum Mountain property is underlain by a sequence of Pennsylvanian (308 my) to Triassic (232 my) Milford Group volcano-sedimentary wackestones overlain by Lower Jurassic (200 my) Rossland Group basaltic-andesitic flows and tuffaceous siltstones.

"Intrusive into the above succession are porphyritic stocks and sills of uncertain age that have subalkalic, calc-alkaline affinities and quartz monzonite to quartz monzodiorite composition. Gold and/or silver occurs in shear related calc-silicate quartz skarns developed in meta-volcanic and meta-sedimentary rocks of both the Milford and Rossland Groups, adjacent to or in close proximity to these stocks and sills"

(Devlin and Roberts, 1989).

All of the above units have been subjected to at least two stages of folding and metamorphism of lower green schist facies, and are intruded by the Goat Canyon and Halifax Creek stocks of probable Cretaceous (125 my) age. Lamprophyre dyke swarms of probable Eocene age (50 my) intrude all rock units in the Tillicum area.

Regional geochemical surveys indicate a semi-circular pattern of molybdenite with inward zoning of silver, followed by gold. At Tillicum Mountain the mineral zones of the Silver Queen and Arnie Flats areas are peripheral to the gold zones of the Gustafson Mine, East Ridge, and Grizzly zones. It has not yet been determined whether the silver zones contain gold as they approach the intrusive units at depth.

Property Geology

All of the above geological units are present on the property. The geology of the Tillicum area is presented as Figures 3 through 5 and a Schematic Geology Section is presented as Figure 6.

A major structure of the Tillicum area is a broad open syncline with smaller drag folds. One limb of this syncline underlies the East Ridge and Gustafson Mine areas and the folding is considered important as the mineralization appears to be related to specific, preferred horizons in the East Ridge zone. The other limb of this syncline has not been tested.

The East Ridge geology has a footwall contact of diorite and monzonite which may be a west dipping sill. Figure 4 shows the projections, based upon analysis of extensive diamond drill data, of the veins to surface. While the "A" zone cuts the edge of the diorite contact, most of the vein is located within a west dipping hybrid diorite overlying the diorite. The veins are anastomosing or braided, as are the lamprophyres which cut them. Above the hybrid diorites are meta-sediments and meta-volcanics, followed by meta-andesite and shale.

These units are in turn overlain by meta-andesites, which can also contain mineral zones. The lamprophyre dykes intrude all of the above units.

The structure is complex and dominant faulting consists of moderate to steep angle, normal and reverse faults (See Figure 5). While most faults have minor offsets, several faults show major displacement. The last major fault was the "Aussie" fault which divided the area into two structural domains. The north trending, west dipping Aussie fault separates the north striking, steeply east dipping Heino-Money zone from the north-northeast striking, moderately northwest dipping East Ridge mineral system.

A Schematic Geology Section for the Tillicum area, after Esperanza Exploration Ltd., is presented as Figure 6. For the sake of clarity lamprophyre dykes have not been included in this section. While the diorite is portrayed as an intrusive, it is proposed that further mapping to the east will likely reveal that this unit is a sill-like intrusion.

Examination of the diamond drill logs clearly establishes the hybrid diorite unit as the footwall of most of the "A" zone vein. The apparent break in continuity of the vein in depth is postulated as being due to a fault or simply the anastomosing nature of the vein.

The Gustafson Mine vein(s) cut several stratigraphic units. Examination of the geology underground, and a review of available geological maps, clearly shows a great many faults are involved with the vein system. Some of these faults display significant displacement as far as mining of the veins and future exploration of the zone is concerned.

Geologically there is a structural control with a plunge to the north. Mapping of tension joints indicates a plunge of 20°. The normal to this plunge (70° south) is the direction expected for "ac" joints, and is the direction coincident with the ore shoots at the Gustafson Mine and possibly the East Ridge.

Four linears, identified by the VLF-EM 16 road survey, cut north-south through the Tillicum area. The East Ridge zone is known to be a massive pyrrhotite vein zone and is cut by the lamprophyre dykes. Two of these linears likely reflect the A and B mineral zones on the East Ridge. The other linears, located in the Gustafson Mine trend, are graphitic veins which have caused minor displacement of the lamprophyre dykes. Of interest is the fact that the graphite zones are anomalous in all of the elements found in the main ore zones. Geochemical analysis of the graphite zones returned gold values in the range of parts per billion., However, three of the sixteen samples returned one part per million gold. At present, it is believed that these values are due to seepage from the zones crossing mineralization in depth and that the graphite zones may prove to be pathfinders to new mineral zones.

The Grizzly Zone geology (See Figure 7) is remarkably similar to the Tillicum area and gold-silver mineralization occurs in shear-related calc-silicate quartz skarns in similar volcano-sedimentary and intrusive units that host the Gustafson Mine and the East Ridge Zone. One important difference is that no lamprophyre dykes have been found. Geological mapping by Esperanza Exploration Ltd. indicates that the diorite intrudes the hybrid diorite in this area and the main Grizzly Fault divides the area into two structural domains. West of the fault, foliation trends east-west while to the east of the fault the foliation trends northerly.

A comparison of surface outcrop of the hybrid diorite with diamond drill hole intersections reveals that this unit dips westward. Stereonet analysis of this data has also allowed calculation of a theoretical strike and dip of the Grizzly vein as north-south, minus 55° E. The surface trace of this vein in places is coincident with the mapped Grizzly Fault and has been traced by the VLF EM survey.(Ref. Figure 9).

Mineralization

Gold and silver mineralization occurs in shear-related calc-silicate, quartz skarns developed in the meta-sedimentary and meta-volcanic rocks of both the Milford and the

Rosslund Group rocks adjacent to, or in close proximity to, the quartz monzodiorite porphyry sills. The skarns contain quartz-calc-silicate segregations, injections, and veins that vary in thickness from less than one inch to 10 feet. The skarn zones vary in thickness from one to 200 feet.

"Native gold occurs within the skarn assemblages as grains <0.0025mm (2.5microns) to one centimeter coarse flakes within and along the margins of the quartz-calc-silicate segregations. Skarns also contain variable amounts of pyrrhotite, pyrite, sphalerite, and galena, as well as, traces of chalcopyrite and tetrahedrite. Gold appears to be nearly contemporaneous with most of the associated sulphides, possibly postdating pyrrhotite and marcasite/pyrite slightly, and predating tetrahedrite and an associated very light gray, anisotropic unknown (mineral) harder than gold." (Northcote, 1983).

"Polished thin sections show that sulphide and gold-bearing samples have a calc-silicate host which crystallized with the sulphides and gold. Gold is not spatially associated with sulphides, but forms free grains on margins or along cleavage traces of calc-silicate minerals and quartz. Gold is present in all samples containing two-stage pyrite." (Read, 1982).

There are probably at least three gold-bearing vein types on the property. The "A" zone vein in the East Ridge zone, which has been explored by a level and a cross-cut, is a gold-pyrrhotite vein. In the B.C. Geological Survey Branch's Open File 1996-13, this vein would be classified as "102" under "Intrusion-related Au-pyrrhotite veins". It is likely that the other veins in the East Ridge system can also be placed in this category. The metallurgy and gold recovery of these veins is expected to be quite different from the Gustafson Mine (Heino-Money Zone).

The Gustafson Mine veins more likely fit the "105" type of vein, the "Polymetallic veins Ag-Pg-Zn+/-Au." The Lower Jenny Zone, north of the Gustafson Mine, also fits this category, as do other veins such as the Grizzly vein, located some 3000 feet southeast of the East Ridge deposit..

The third vein type is the graphite veins which were discovered during the 1996 exploration program.

Deposition of Mineralization

Exploration by previous operators was directed toward "skarn" zones peripheral to the diorite, monzonite and hybrid diorite units. The approach was successful in finding the East Ridge deposit and the Grizzly Zone.

The current model for gold deposition at Tillicum Mountain proposes that faulting is the main ore control. While the calc-silicate skarns are considered important as a host rock for mineralization, sodic and potassic altered rocks have also been identified as important hosts for gold mineralization. The present study of the Grizzly Zone suggests clearly that the Grizzly vein is in a fault zone which happens to be near a hybrid diorite.

K.E. Northcote, in his " Report on the Petrography and Mineralogy of the Tillicum Mountain Gold Property", 1983, makes the following observation:

" A very striking characteristic of these suites of rocks which requires emphasis, however, is the apparent mobility and significance of effects of hydrothermal fluids and magmatic materials. This mobility has resulted in veining and pervasive impregnation of schistose hornfels by concentration or addition of K-spar (microcline), quartz, plagioclase and localization of calc-silicate assemblages of quartz, calcite, clinozoisite, actinolite/tremolite, garnet, carbonate and chlorite in coarse segregations. Much of this material may have been generated from within the Milford Group rocks. An additional source may well be the Goat-Canyon-Halifax Creek stock; either as a source system, or both. It is suggested that mobilization and redeposition and concentration of materials is more significant than syndepositional concentration in original bedding. Localization of mineralization and associated gangue in open structures may be significant but chemistry of specific receptive sedimentary-volcanic horizons may also be an important localizing factor as, for example, calciferous members. If the mobilization-reconcentration concept is valid then use can be made of these characteristics during development of ore bodies and exploration for new deposits in similar environments. "

A conclusion that can be made is that many of the faults on this property provide potential for gold deposition and that those faults cutting contact metasomatic zones are more likely to have associated gold mineralization.

EXPLORATION IN 1996

The 1996 exploration program was directed toward gaining a fuller understanding of the distribution of mineralization within the known mineral zones on the property, better defining the mineral deposition for purposes of confirming and recalculating mineral reserves and to define exploration methods for future exploration. This program consisted of surface and underground geological evaluation and sampling, geophysical survey work, access road rehabilitation, as well as, the review of a considerable library of data, maps and reports, from previous work on the property.

Field work was carried out during the period July 15 through October 11, 1996 under the direction of the author. Survey work was completed at the Gustafson Mine (Heino-Money Zone), the East Ridge, Lower Jennie, West Ridge and Grizzly mineral zones.

GEOPHYSICS

VLF EM-16 and limited Self-Potential survey work was carried out in an effort to delineate potential mineral zones or "veins" below the thin cover of glacial drift in the Tillicum (Gustafson Mine / East Ridge) area and the Grizzly zone area. Geophysical surveys were run on a network of near parallel, near east-west trending road cuts in the Tillicum area. In the Grizzly zone survey lines were run on existing roads with survey position tied to the road system.

VLF EM-16 Survey

The VLF electromagnetic survey was carried out using a Geonics VLF EM-16 receiver and the Seattle, Washington station NKL at a frequency of 24.6 kHz., as the transmitter source. Hawaii, station NSS at 21.4 kHz., was used as the alternate transmitter when the Washington station was unavailable. Both dip-angle and quadrature measurements were recorded. (Appendix I) The dip-angle data was measured to within one percent and filtered using the Fraser Filter method to establish positive values for cross-overs reflecting conductive zones. The Fraser Filter is defined as $M2-M1$ where $M1=(Sta1+Sta2)$, and $M2=(Sta3+Sta4)$. Figs 24-43 are the plots of the in phase and quadrature values. Map 1. Tillicum and Map 2. Grizzly Creek give the locations of the data.

For purposes of this report, and since station locations were tied to the existing road system, the anomaly positions (cross-overs) have been plotted on Figure 8 (1996 VLF Anomaly Map) for the Tillicum area and on Figure 9 for the Grizzly zone.

Survey results show four consistent near north-south trending linears in the Tillicum area. The East Ridge zone is known to be a massive pyrrhotite vein and the two linears in this zone, Anomalies A and B, are attributed to massive sulphide horizons, likely reflecting the near surface projection of the A and B mineral zones (see Figure 4).

Two significant conductors in the Gustafson Mine area are believed to be caused by the graphite zones located in this area. Anomaly C is located about one hundred meters east of the Gustafson Mine and trends north-south for some 400 meters through the Lower Jennie zone. This strong anomaly is partly associated with a self-potential anomaly and is attributed to a graphitic zone. Anomaly D passes through the Gustafson Mine workings and continues north for some 150 meters. The northern extension of the anomaly is coincident with a self-potential anomaly. It is attributable to a graphite which has been identified along this trend.

The VLF EM survey in the Grizzly zone area delineates an extensive conductive zone which is, in places, near coincident with, and attributed to the mapped Grizzly fault structure and associated vein system.

Self Potential Survey

The SP method was used to delineate potential mineral zones and to confirm and better define anomalies located with the electromagnetic method. A limited survey was carried out on two near parallel road cuts in the Tillicum area. The data was collected at 5 meter station intervals. The long-wire method was used to measure ground potentials with respect to an established base station. The resultant SP anomalies are presented in Figure 10, and the location of the values on Map 3. (Self Potential Survey - Tillicum.)

Two anomalies in the Gustafson Mine area are near coincident with VLF conductive zones and are attributable to graphite zones identified subsequent to the survey. Figures 44-46 are plots of the SP data which is found in Appendix J.

Both survey methods were successful in delineating structure and potential mineral targets. The graphite zones defined by both the VLF EM and SP methods show a very strong, characteristic response, suggesting future use of airborne geophysics as an aid to identifying areas for follow-up exploration.

SAMPLING SURVEY

A total of 130 rock samples were collected from surface exposures, trenches, and underground workings. Sample descriptions and locations are tabulated in Appendix D and assay results are attached as Appendix C. Nearly all samples were rock chip samples and were taken at weights of approximately 2 pounds per sample foot, larger than those normally taken for initial exploration purposes. All underground samples were collected on a large tarp and sample locations were identified with aluminum tags. Only one sample was taken as a select sample to evaluate the importance of a quartz stringer in the Lower Jennie Zone (sample 48404 returning 12.103 ozAu/ton).

Samples were submitted to Eco-Tech Laboratories in Kamloops, B.C. and standard assay methods were used. Gold and silver assays were completed as fire assays and other elements were analyzed by ICP methods using partial digestion, excepting for potassium and sodium in which total digestion was used. Excellent confirmation of assay results was received from analysis of three pulp samples, representing high, medium and low grade values, which were submitted to Acme Analytical Laboratories in Vancouver, B.C.

The Tillicum area surface sample locations and assays are shown on Figures 11, 12, 13 and 22 and represent the sample plans for the Gustafson Mine, East Ridge workings, and the Jennie Zone. Sampling and assaying, particularly of old workings, was completed mainly to evaluate, and establish confidence in previous work for the purpose of calculating mineral reserves, and to gain a better knowledge of the nature of mineral deposition.

Gustafson Mine

Levels 2112 and 2160 of the Gustafson Mine were sampled to define the potential of locating additional ore shoots and to determine potential related geochemical indicators for the ore zones. Seventeen samples, numbers 48234 through 48250, were collected. The highest gold value returned was 0.162 oz/ton.

The conclusion reached from check sampling of these workings supports conclusions by M. Tindal in his "Report on the 1993 Program of Mining and Exploration at Tillicum Mountain for Bethlehem Resource Corporation" in which he states that "The recognized, high grade ore in the Heino-Money zone on the Tillicum Mountain property was all mined in 1993." ... "Exploration diamond drilling and drifting failed to outline additional zones of ore grade within accessible portions of the Heino-Money trend. It is possible that small zones of high grade gold mineralization remain undiscovered in the Heino-Money zone. The cost of discovering and developing zones of that nature is likely to be greater than the value of the contained gold." While there is still potential for finding additional ore shoots in the immediate area, no further work is recommended at this time.

Lower Jennie Zone

This zone, located some 200 meters north of the Gustafson Mine, was explored by 491 square meters of road extension (See Figure 21). Surface chip samples 71841-44 were collected from the zone with the best returned grades being 0.223 ozAu/ton and 1.33 ozAg/ton. A select sample from a quartz stringer returned a grade of 12.103 ozAu/ton. Sample 71869 ran 0.109 ozAu/ton and 2.87 ozAg/ton over 2 feet in a sulphide breccia zone.

East Ridge Zone

Underground sampling of the East Ridge workings consisted of 32 samples from the 2060 Level and 4 samples from the 2118 Crosscut. The purpose of sampling was to confirm previous work and to evaluate the potential for development of ore shoots within the East Ridge mineralized system. The present evaluation suggests a good potential for finding high grade ore shoots within this zone. On average the 2060 Level is an exploration drift driven in the hybrid diorite host rock and not in ore. The average grade of all underground samples taken was calculated as 0.128 ozAu/ton and 0.67 ozAg/ton. The face of the 54 Crosscut, however, does indicate a potential ore shoot, and sample numbers 48223 and 48224 returned assays of 0.792 ozAu/ton and 0.465 ozAu/ton respectively.

Statistical analysis of underground samples indicates that gold values are Ln-normally distributed and a calculation of Foot x LnAu (oz/ton) for these sample resulted in a gold grade identical to the reported average muck assay value of 0.064 oz/ton for the 2060 level. Conclusions from the analysis is that this type of assay weighting is correct for estimating grades within the East Ridge zone.

Surface sampling in the Tillicum area consisted of 50 rock chip samples collected from outcrops and trenches. A sample location plan for this area is presented as Figure 11. These samples show generally low gold and silver values. However, sample numbers 71826 and 71827 had assays of 0.041 ozAu/ton and 0.164 ozAu/ton and may reflect a potential new mineral zone in the East Ridge mineral system.

Grizzly Zone

Eight rock chip samples were collected from the Grizzly mineral zone. All samples showed low gold values, with a high of 0.130 ozAu/ton, Silver values, however, ran 24.2 oz/ton and 117.1 oz/ton for sample number 71848 and 71866.

West Ridge Zone

An initial geological evaluation, and a limited number of samples, suggests potential for a low grade, bulk tonnage type of mineralization in this area. The zone, located north of the Lower Jennie zone, returned low but significant gold and silver values from the 4 outcrop samples collected. The results are considered encouraging and further exploration in this area is warranted.

Only six additional samples were taken from outside the above mentioned zones. These were taken from the Sue Creek area and the samples did not return any significant gold or silver values.

GEOCHEMISTRY ANALYSIS

The purpose of the statistical analysis of the geochemical results was to determine what elements or element ratios would provide a correlation with gold mineralization for use in defining potential high grade mineral zones and to better understand the nature of deposition of gold in the known deposits.

Histograms for LnAu/LnAg, gold, silver, copper, lead, zinc, tellurium and selenium have been prepared from a statistical analysis of the assay results of the collected samples. The histograms for each of the elements are shown in Appendix A. A study of the histograms show :

Histogram 1. Distribution of LnAu/LnAg Ratios.

The most common ratio is 1 suggesting that the gold and silver values are equal.

Histogram 2. Distribution of Gold (g/t).

This is a smooth Ln-normal curve indicating that only one period of gold mineralization is present.

Histogram 3. Distribution of Silver (g/t).

There is a rise at the 18 g/t level indicating the possibility of two periods mineralization being present. This is to be expected as some of the silver will be in the galena. Note: The increase at the end of the distribution is due to "bin" accumulation, a function of the graph program.

Histogram 4. Distribution of Copper (ppm).

A single Ln-normal distribution is indicated.

Histogram 5. Distribution of Lead (ppm).

A single Ln-normal distribution is indicated.

Histogram 6. Distribution of Zinc (ppm).

The Ln-normal distribution is not smooth indicating that more than one period of mineralization may be present.

Histogram 7. Distribution of Tellurium (ppm).

No distribution pattern is present.

Histogram 8. Distribution of Selenium (ppm).

No distribution pattern is present.

Statistical analysis and X-Y Plots for LnAu /LnAg and LnAu / LnNa, as well as statistical analysis of several other element ratios was completed and are summarized as follows:

GOLD / SILVER - LnAu (ppm) / LnAg (ppm) - 86 samples.

Results of the analysis are shown as Plot 1, Appendix B and data is tabulated as Table 2, Appendix H.

The calculated regression equation is: $\text{LnAu (ppm)} = 1.00521 \text{ LnAg (ppm)} - 1.87459$

A standard error of the gold estimate is Ln 1.194 or 3 ppm. Results show silver to have a significant correlation with gold at the 99.9 percentile level. The regression curve from table 2 has been added to the X-Y Plot and values above this line are considered enhanced in gold, while those below the line to be depleted.

GOLD / SODIUM - LnAu (ppm) / LnNa (%) - 14 samples.

Analytical results are shown as Plot 2, Appendix B and the data is tabulated as Table 10, Appendix H.

The calculated regression equation is: $\text{LnAu (ppm)} = 0.53347 \text{ LnNa (\%)} + 2.63315$

The data was filtered using gold \geq 5 gm/ton and the analysis shows that sodium has a correlation with gold at the 95 percentile level. The X-Y Plot for this data shows two populations may be present. However, the data is insufficient to make conclusions and the two "outliers" in the plot are from samples taken from the East Ridge zone where alteration was high.

Analysis of several other element ratios was completed and the significant correlations were:

CADMIUM / ZINC - Data Table 3, Appendix H.

Correlation 99.9 % and equation $\text{LnCd (ppm)} = 1.135049 \text{ LnZn (ppm)} - 5.66203$

COPPER / ZINC

Correlation 99.9 % and equation $\text{LnCu (ppm)} = 0.46 \text{ LnZn (ppm)} + 1.87754$

POTASSIUM / TITANIUM - Data Table 4, Appendix H.

Correlation 99.9 % and equation $\text{LnK (ppm)} = 0.456278 \text{ LnTi (ppm)} - 1.30959$

COBALT / NICKEL - Data Table 5, Appendix H.

Correlation 99.9 % and equation $\text{LnCo (ppm)} = 0.80 \text{ LnNi (ppm)} + 0.41$

This data was filtered using $Zn > 500$ ppm and 26 samples were analyzed.

Results of the geochemical analysis suggest that potassic-rich zones (skarns) are favorable to hosting the known ore zones of the Gustafson Mine and the East Ridge zone.

Graphitic zones crosscut the stratigraphy in this area and the results further suggest that there are additional favorable horizons for gold deposition. It is possible that, at the intersections of the graphite zones and a potassic-rich zone, significant gold values may be found.

While more sampling in the mineral zones is required to accurately define ore shoots, results of the ICP and assay data statistical analysis allows the conclusion that there is one period of gold deposition and that the correlation of $LnAu / LnAg$ offers a ratio which can be used to delineate gold rich areas. As well, the recently discovered graphitic zones have a potential for locating new gold discoveries, especially where these units cross potassic and sodic altered rocks.

MINERAL RESERVES

Reserve calculations for the East Ridge zone have been completed in past years by Esperanza geological personnel and by several independent consultants. The author has evaluated the previously accumulated data for the East Ridge and Grizzly Mineral zones and established realistic parameters for the calculation of mineral reserves.

East Ridge Zone

The East Ridge zone comprises an extensive gold bearing system with a defined strike length of over 875 meters (2870 feet) and a downward, curved shape following the bedding for over 365 meters (1197 feet). This zone forms an arcuate trace within a west dipping hybrid diorite and the overlying meta-volcanic sequence with a footwall contact of diorite and monzonite. The mineral zones are composed of massive pyrrhotite veins. To date four mineral horizons with high grade gold values have been delineated by diamond drilling. Continuity of the A zone has been confirmed over the strike length of the system. The presence of ore shoots with grades of over 0.3 ozAu/ton are indicated by diamond drilling.

Reserve estimates have been calculated using Foot x Assay values from vertical sections completed by Esperanza Explorations Ltd. Foot x Assay plots have been contoured at 0.3 ozAu/ton and 0.5 ozAu/ton and values were divided by five feet (the minimum mining width) to eliminate non-mineable areas. The longitudinal sections for the A zone North, A zone South, B zone and C zone are presented as Figures 15 through 18 respectively.

Underground examination and a review of previous drill data indicates a very sharp cut-off of high grade values at the margins of ore shoots and an extreme nugget effect in assaying, such that drill holes within an ore shoot can return low gold values. The Foot x Assay contours provide a "relative strength" measure of mineralization and, rather than calculating mineral reserves using an arbitrary area of influence around drill holes, the method has been used to somewhat overcome the sharp cut-offs and extreme nugget effects.

The parameters established for calculation of mineral reserves were:

Dilution Grade:	0.0 ozAu/ton
Cut-off Grade:	0.3 ozAu/ton
Minimum Thickness:	5 feet (0.52 M)
Specific Gravity:	2.65
Conversion of tonnes to tons:	1.1
Area of influence of drill holes:	None

A summary of calculated mineral reserves for the East Ridge Zone is:

E.R. ZONE	Tons	Grade (zo/ton)	Ounces Au.
A zone South	353,941	0.25	
A zone North	56,959	0.30	
B zone	104,963	0.335	
C zone	<u>16,339</u>	<u>0.35</u>	
	523,203	0.28	149,017

Further diamond drilling is proposed to verify the presence of ore shoots and to increase and upgrade the tonnage.

Grizzly Zone

The Grizzly zone is located approximately 3000 feet to the southeast of the Gustafson Mine. This zone, originally located by a large soil lead anomaly, has been prospected for a strike length of 1300 feet (396 m) and surface sampling has returned values of 0.13 ozAu/ton and 0.85 ozAg/ton. Four diamond drill holes, totaling 2018 feet were completed in 1989. Drill hole G89-214 intersected 4 feet (1.2 m) of 0.303 ozAu/ton and drill hole G89-213 intersected 3 feet (0.91 m) of 0.581 ozAu/ton. The northernmost drill hole, G89-220, shows "A wide gold bearing zone was intersected from 269.0 - 344.0 feet. This zone averaged 0.077 oz/ton Au and 0.446 oz/ton Ag over 48 feet. Within this interval, higher grade sections graded to 0.149 oz/to Au and 0.463 oz/ton Ag over 11.0 feet." (Devlin and Roberts, 1989).

The style of mineralization in this zone is similar to the Gustafson Mine deposit. The traced vein system is directly associated with the Grizzly Fault and the zone represents a potentially large mineralized system with attractive gold values.

A mineral reserve, categorized as possible, for the zone has been calculated using the 1989 drill hole data. Reserve block calculations are shown as Table 8, Appendix H and the reserve block section is presented as Figure 19.

The possible mineral reserve for the Grizzly zone has been calculated as:

Grizzly Zone	Tons 277,854	Grade 0.40 ozAu/ton.
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EXPLORATION POTENTIAL

Lower Jennie Zone

This zone was examined by a trenching and sampling program in 1996. Previous surface sampling had returned values as high as 2.31 ozAu/ton over 6.6 feet and a recent select sample from a quartz stringer assayed 12.104 ozAu/ton.

Although several previous drill holes in this area did not encounter any ore grade values, the zone has not been fully delineated and further work is warranted.

West Ridge Zone

The West Ridge zone is a newly discovered mineralized area located north of the Jennie zone. Initial sampling has returned low, but significant, gold and silver values and the zone is considered to have a good potential for hosting low grade, bulk tonnage mineralization.

Silver Queen and Arnie Flats Zones

The Silver Queen zone is recognized as a silver rich skarn with very low gold values and has the potential to contain several million ounces of silver. The Arnie Flats zone, located southwest of the Gustafson Mine, was tested in 1989 by five drill holes for a strike length of over 1000 feet. Generally lower grade silver mineralization with low gold values has been delineated in the same volcano-sedimentary and intrusive rock units that host the gold-silver mineralization in the Gustafson, East Ridge and Grizzly zones.

Based on regional metal zoning of silver peripheral to the gold zones, exploration of these silver zones is warranted. Given the structural control of much of the mineralization, drilling down-dip on these large zones may result in encountering gold mineralization closer to the intrusions known to underlie these silver anomalies. VLF EM is recommended as an initial exploration tool to outline the structures of interest.

CONCLUSIONS

The Tillicum property of IBEX Resources Ltd. is an advanced mining property having defined mineral reserves, underground development, and a number of significant mineral targets at various stages of exploration. The potential for development of economic mineral reserves on the property is considered to be excellent.

The East Ridge gold zone has been explored by extensive diamond drilling and limited underground development and the Grizzly mineral zone has also been tested by diamond drilling. Tonnage and grade estimates for these zones have been calculated from diamond drill sections as:

Zone	Reserve Type	Tons	Grade (ozAu/ton)	Oz Au
East Ridge	Drill Indicated	523,203	0.28	149,017
Grizzly	Possible	<u>277,854</u>	0.40	<u>111,142</u>
Totals		810,057		260,159

Present understanding of the East Ridge zone, and the Grizzly zone, is that the mineralization is structurally controlled and that the potential for defining high grade ore shoots within these zones is excellent. The mineral deposition model identifying structure and sodic/potassic alteration as related to gold mineralization refines the skarn model used previously. This refined model will aid in the identification of new mineral zones and in the re-evaluation of previously defined mineralization.

A full and detailed exploration program for these zones is warranted and additional diamond drilling is recommended for both the East Ridge zone and the Grizzly zone to upgrade existing reserves and to define new reserve potential for these zones.

Several other significant zones have been identified and/or confirmed as exploration targets. The Lower Jennie zone has the potential for development of high grade ore shoots. Further definition of this zone by diamond drilling is recommended.

Geophysical methods have proven successful in delineating structure and, in particular, graphite zones which are thought to be related to gold mineralization at depth. Airborne geophysics, including radiometrics to identify potassic alteration, would be useful in delineating new mineral targets and further defining structures within known mineral zones.

A significant volume of surface exploration and diamond drill hole data is available from past exploration and development programs. Maps and reports should be properly indexed and filed and a computer data base should be established for all drill hole and related survey data. It is believed that computer modeling of the East Ridge mineral horizons, particularly in three dimensions, would greatly assist in understanding the continuity and distribution of mineralization within the zone.

APPENDIX B

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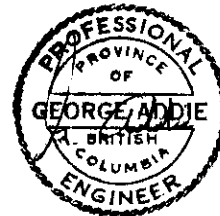
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STATEMENT OF QUALIFICATIONS

I, GEORGE G. ADDIE, P.ENG., do hereby certify:

1. That I am a Professional Engineer of the Province of British Columbia, residing at 604 3rd Street, Nelson, B.C., V1L 2P9.
2. That I am a graduate of Mount Allison University of Sackville, New Brunswick, and Washington State University, Pullman, Washington, having obtained a Science Degree in Geology from each university.
3. That I have practiced my profession in Geology since 1959 for Rio Algom Mines Ltd., (Elliot Lake), Bralorne Pioneer Gold Mines, B.C., Phoenix Copper Mines Ltd., B.C., Cominco Ltd., Kimberley, B.C., Pend Oreille Mines Ltd., Metaline Falls, Washington State, Reeves MacDonald Mine, Remac, B.C.
4. That I have served as a Professional Geologist for J.C. Sproule and Associates of Calgary, Alberta, and Addie Consultants Ltd., formerly of Calgary, Alberta.
5. That for fourteen years I was with the B.C. Department of Energy, Mines and Petroleum Resources as the District Geologist at Nelson, B.C. and that I am now retired from that position.
6. That I am a member of the Canadian Executive Services Organization and have served in Bolivia, and Colombia.
7. That I am a Fellow in good standing of the Geological Association of Canada.

Dated at Nelson, British Columbia on the 2th day of May, 1997.



Geological Assessment Report Costs

Tillicum Mountain Project

1996	Professional Fees Full Day @\$350	Professional Fees Half Day @\$200	Computer Drafting @300/day	Vehicle Rental @\$60/day	VLF Rental	GPS Rental	Self Potential Rental	Food	Veh. Costs	Accomodation	Radio Rental	UG Lamp Rental	Assays
May 17													
June		3200											
July	2100	2400		480		35	25	138.58	113.51	271.69	200		
Aug	2450	900		420					84.14		175	90	
Sept	9450	1300		1620	674.1	10			455.98		675		
Oct													
Nov	2100	4800	2400	420					920.72		175		
Dec		2200	2600										7318
1997								1246		1114			
Jan													
Feb													
Mar													
Apr		1400											
May		1500	600										
Sum	16100	17700	5600	2940	674.1	45	25	1384.58	1574.35	1385.69	1225	90	7318
Total													56061.72

Special Notes:

- 1 Costing starts at the due date of the Mill #1 claim
- 2 Office Expenses not included.
- 3 Accomodation is calculated as one third of the rent from Apr 1 to Dec 31 times one third.
- 4 Food costs are calculated as one third of the total costs of food at the accomodation location.
- 5 1997 rates: Field days @\$450, Office fees @\$300/day.

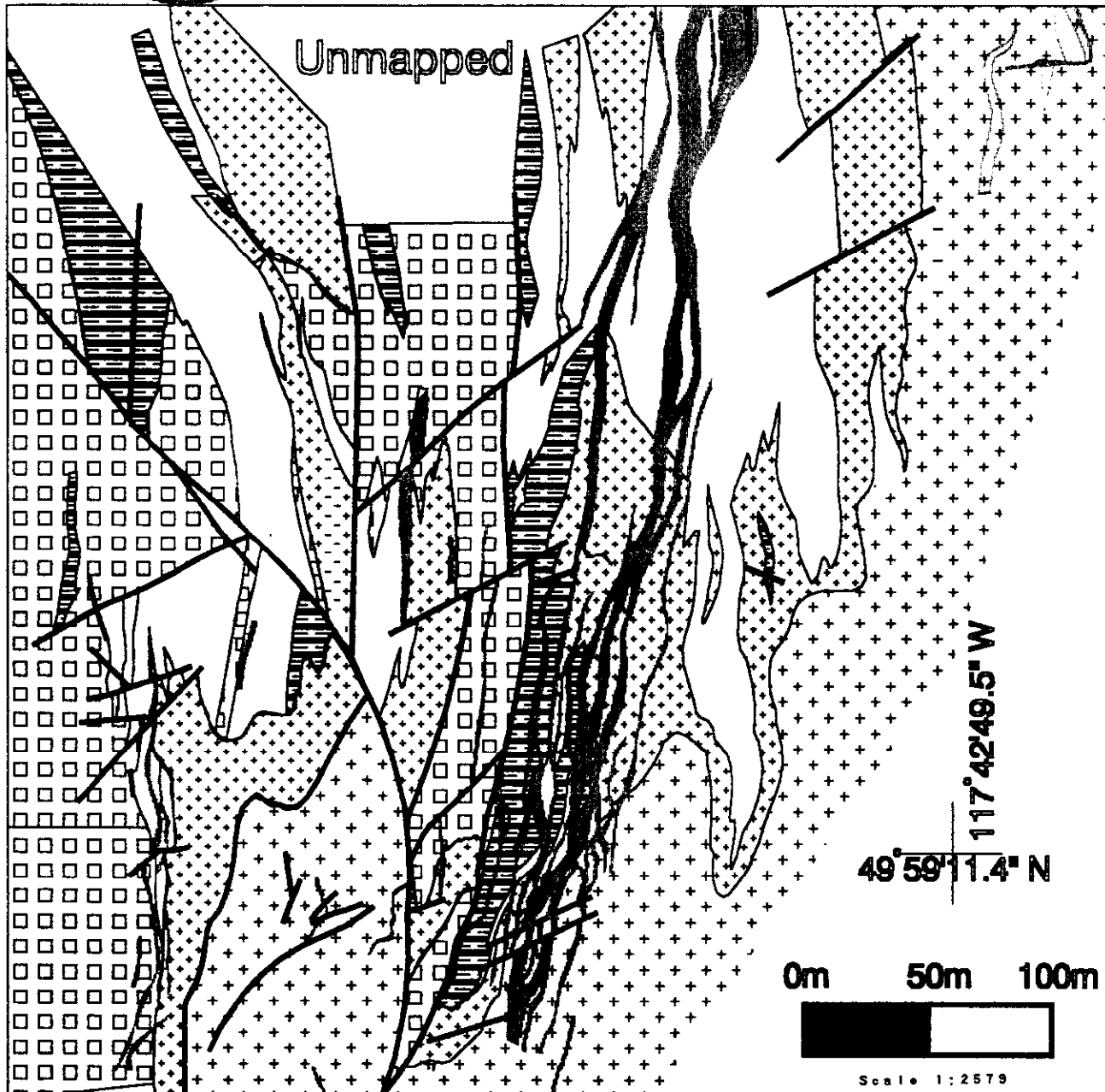
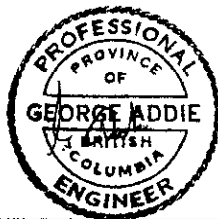
Assessment Report # 25004 Costs

Year	Month		Rate Per Day	Days	Amount
1996	June	Professional Fees (Office) George Addie, P.Eng Note: VLF work was done on June 19,22,23	\$200.00	16	\$3,200.00
	July	Professional Fees (Field) George Addie, P.Eng. Professional Fees (Office) George Addie, P.Eng Field Assistant: Lloyd Addie, Prospector Vehicle Rental GPS Rental SP Kit Rental Radio Rental Food - four days Accomodation (hotel) Vehicle expenses, gas and oil Note: VLF work was done on July 22,23 Sampling was done on July 30,31	\$350.00 \$200.00 \$200.00 \$60.00 \$10.00 \$25.00 \$25.00	6 12 3 8 3.5 1 8 4 4	\$2,100.00 \$2,400.00 \$600.00 \$480.00 \$35.00 \$25.00 \$200.00 \$138.58 \$271.69 \$113.51
	August	Professional Fees (Field) George Addie, P.Eng. Professional Fees (Office) George Addie, P.Eng Field Assistant: Lloyd Addie, Prospector Vehicle Rental Vehicle expenses, gas and oil Radio Rental Lamp Rental Note: VLF was done on Aug.21,22,23,24,26,27,28,29 Sampling was done on Aug. 6,7,8,9,14,15,16	\$350.00 \$200.00 \$200.00 \$60.00	7 4.5 7 7	\$2,450.00 \$900.00 \$1,400.00 \$420.00 \$84.14 \$175.00 \$90.00
	September	Professional Fees (Field) George Addie, P.Eng. Professional Fees (Office) George Addie, P.Eng Field Assistant: Lloyd Addie, Prospector Vehicle Rental VLF Rental plus shipping and insurance of \$149.10 GPS Rental Vehicle expenses, gas, oil, and repairs Radio Rental Note: VLF was done on Sept. 4,18,19,20,23 Sampling was done on Sept. 12,17,24,25	\$350.00 \$200.00 \$200.00 \$60.00 \$35.00 \$10.00	27 1.5 5 27 15 1 27	\$9,450.00 \$300.00 \$1,000.00 \$1,620.00 \$674.10 \$10.00 \$455.98 \$675.00
	October	Professional Fees (Field) George Addie, P.Eng. Professional Fees (Office) George Addie, P.Eng Computer Drafting: Gordon Addie, B.Sc Vehicle Rental Vehicle costs and repairs Radio Rental Note: Sampling was done on Oct 4,5,6,7,8	\$350.00 \$200.00 \$300.00 \$60.00 \$25.00	6 24 8 7 7	\$2,100.00 \$4,800.00 \$2,400.00 \$420.00 \$920.72 \$175.00
	November	Professional Fees (Office) George Addie, P.Eng Computer Drafting: Gordon Addie, B.Sc Computer supplies Food at Burton 3 mos Accommodation at Burton 3 mos.	\$200.00 \$300.00	11 8	\$2,200.00 \$2,400.00 \$200.00 \$415.33 \$1,114.00

1997				
March	Professional Fees (Office) George Addie, P.Eng	\$200.00	7	\$1,400.00
April	Professional Fees (Office) George Addie, P.Eng	\$200.00	7.5	\$1,500.00
	Computer Drafting: Gordon Addie, B.Sc	\$300.00	2	\$600.00
	Project Assay Costs			<u>\$7,318.00</u>
	Total Cost			\$57,231.05

Notes:

Accommodation is calculated as one third of the rent from Apr 1 to Dec21, 1996 times one third.
 Food is calculated in the same manner as above.



LEGEND

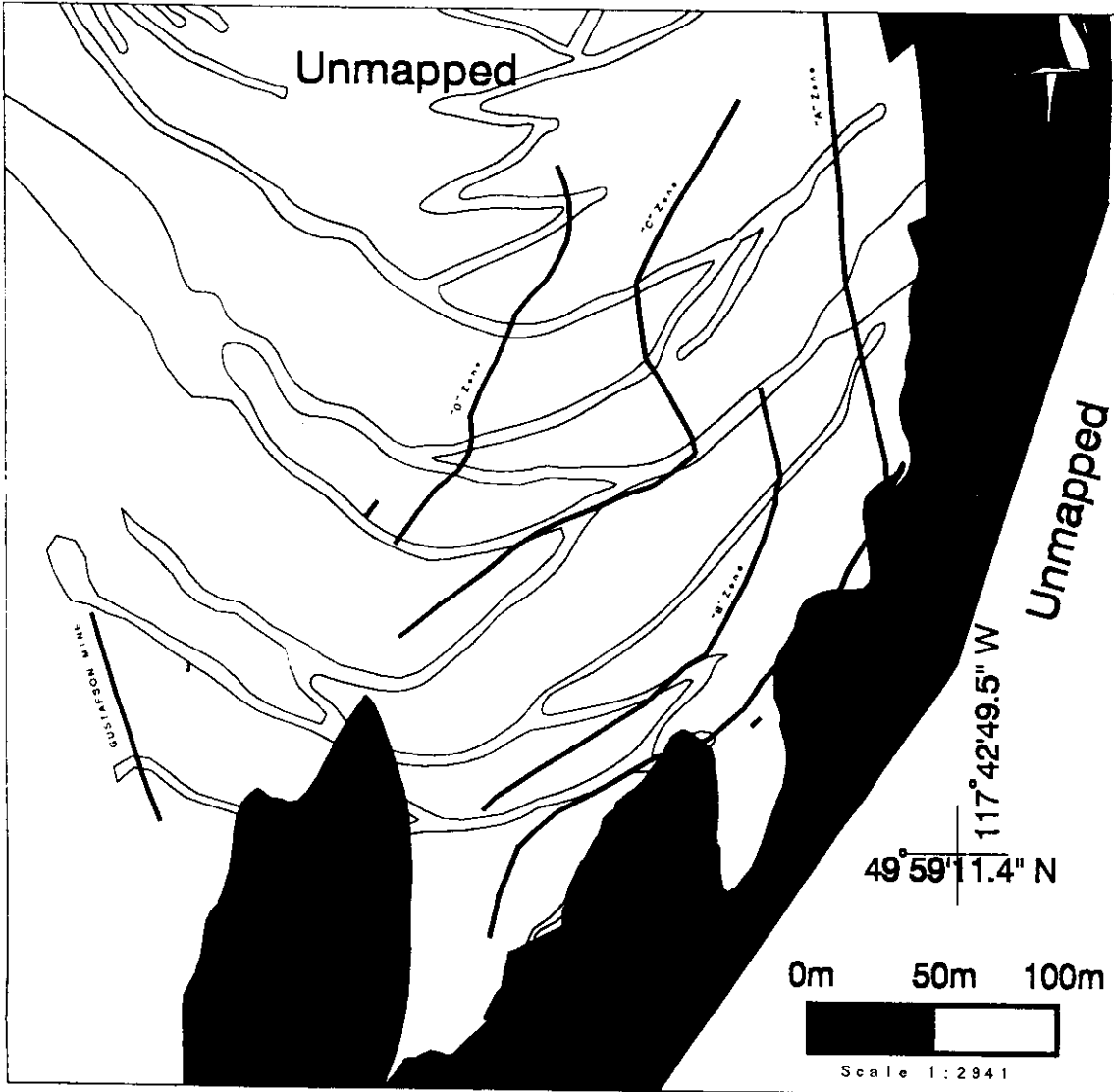
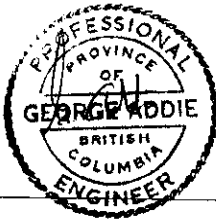
-  Diorite
-  Hybrid Diorite
-  Meta-Seds. / Meta-Volc.
-  Meta-Andesite
-  Lamprophyre
-  Shale
-  Fault

George G. Addie , P. Eng. (B.C.)




IBEX RESOURCES LTD.

Tillicum Geology Map
From Esperanza Expl. Ltd. 1984

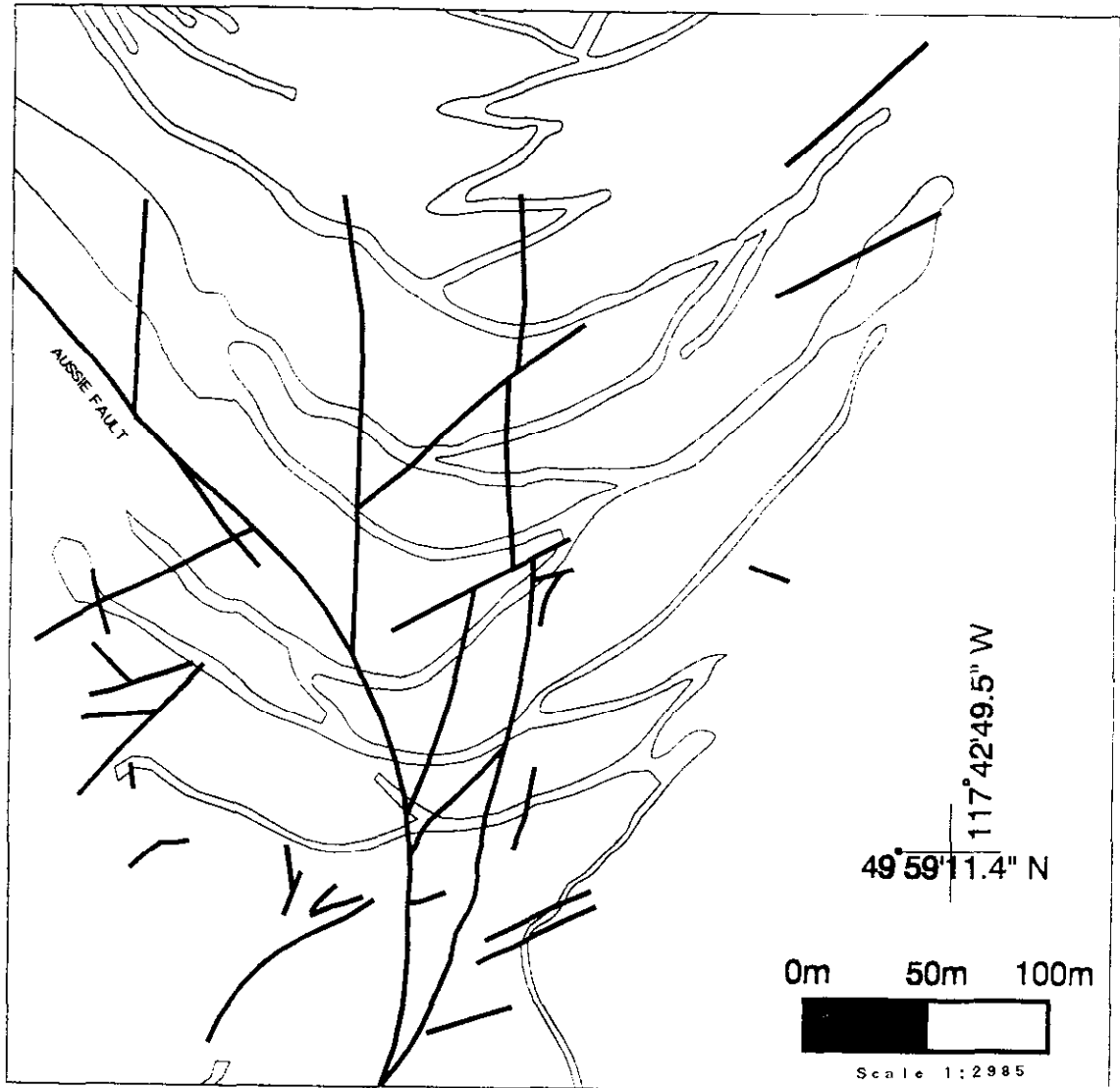
Date: Nov.30/96 Figure: 3



LEGEND

-  Diorite
-  Mineralized Zones
-  Road

George G. Addie , P. Eng. (B.C.)	
IBEX RESOURCES LTD.	
Tillicum Mineralized Zone Map	
From Esperanza Expl. Ltd. 1984	
Date: Nov. 30/96	Figure: 4



LEGEND

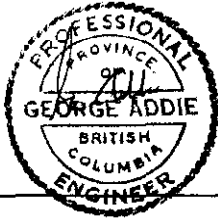
- Access Road
- Fault

George G. Addie , P. Eng. (B.C.)

IBEX RESOURCES LTD.

Tillicum Geology Map
From Esperanza Expl. Ltd. 1984

Date: Nov.30/98 Figure: 5

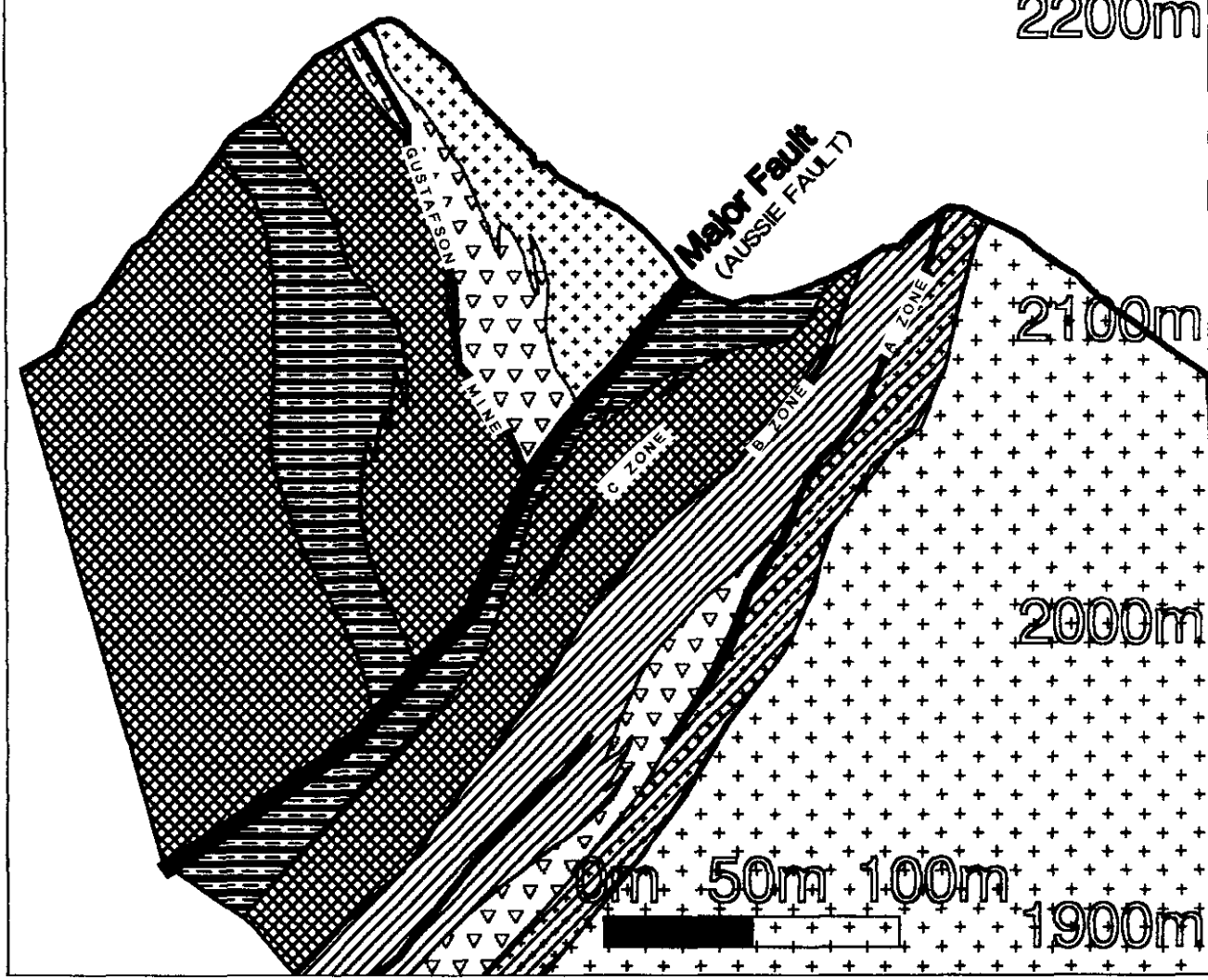


West








East

Section looking North

2200m



LEGEND

-  Calc-silicate Alt'n
-  Shale
-  Meta-Andesite
-  Meta-volc./seds.
-  Hybrid Diorite
-  Diorite
-  Mineralized Zones

George G. Addie, P. Eng. (B.C.)

IBEX RESOURCES LTD.

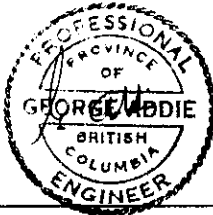
Tillicum Map
Schematic Geology Section
after Esperanza, 1984

Scale
1:2353

Date: Nov. 30/96 Figure: 6

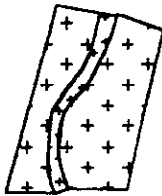
Note: The lamprophyre dykes
have not been included.

UPDATED
MAY 2 1997

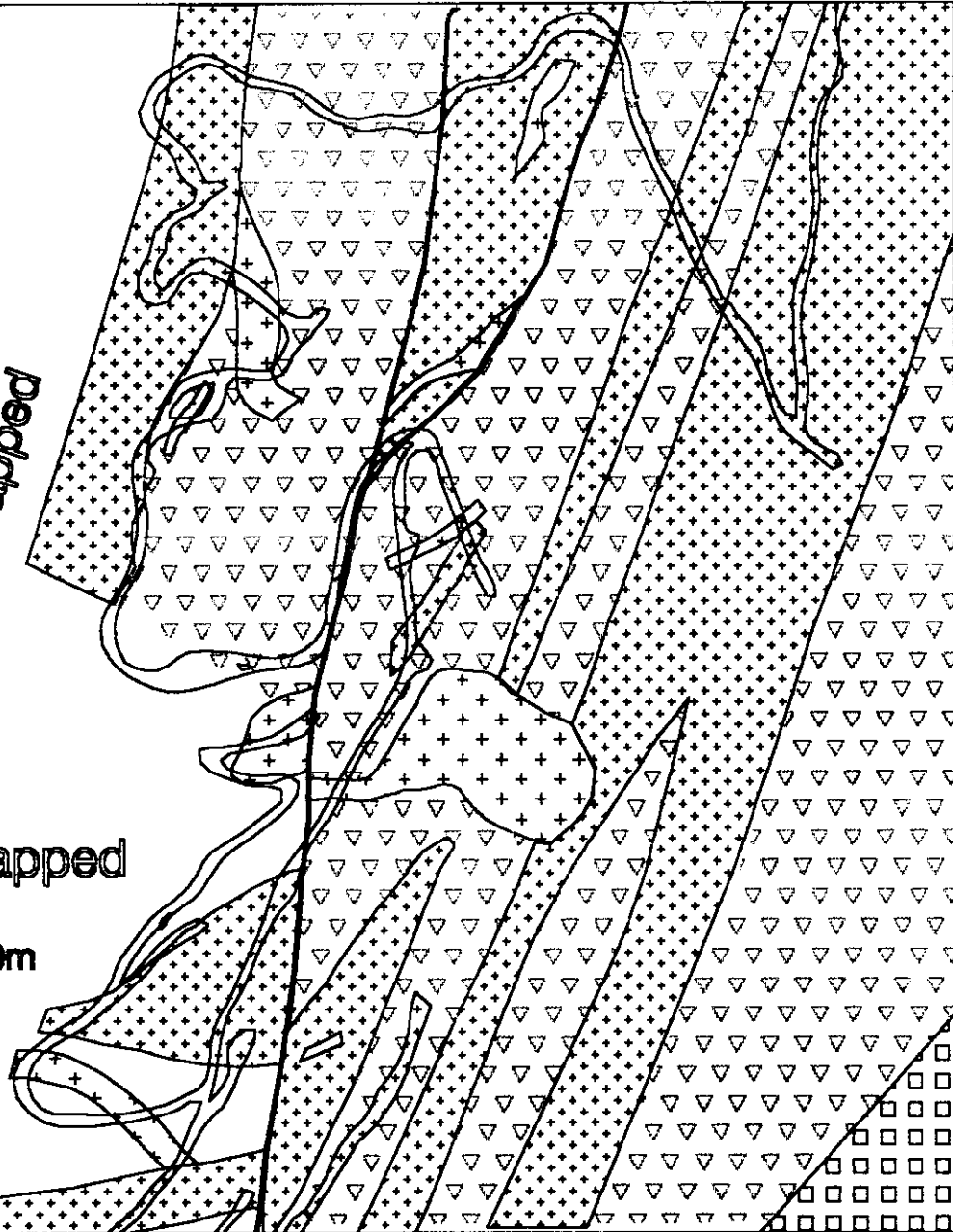


117°41'37.7" W
49°58'19.0" N

Unmapped



Unmapped



LEGEND

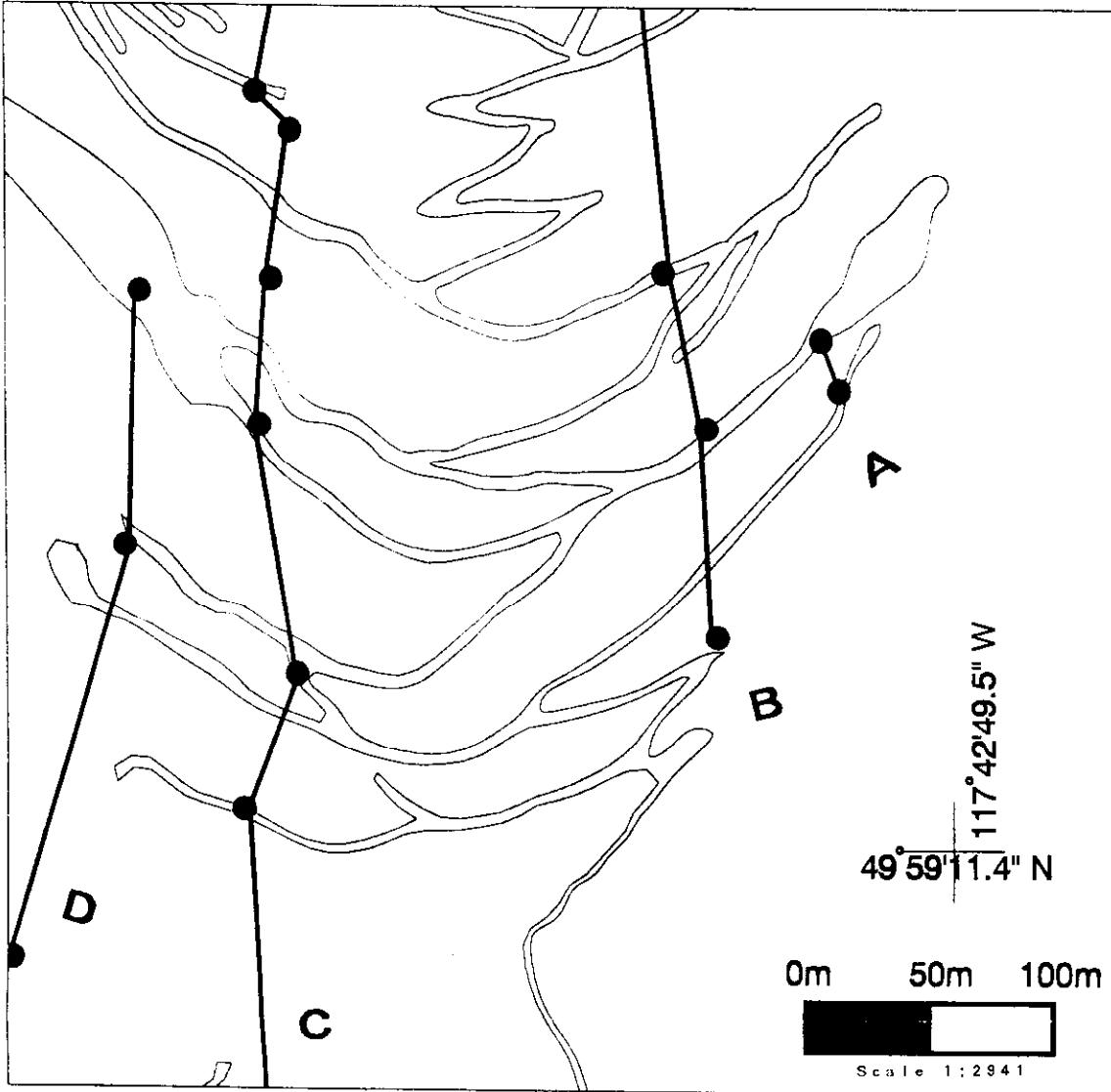
- Access Road
- Fault
- Diorite
- Hybrid Diorite
- Meta-Seds. / Meta-Volc.
- Meta-Andesite

George G. Addie , P. Eng. (B.C.)

IBEX RESOURCES LTD.

**Grizzly Area Geology Map
After Esperanza Expl. Ltd. 1984**

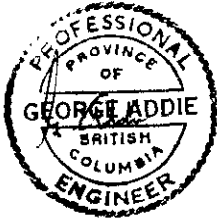
Date: Nov.30/96 Figure: 7



LEGEND

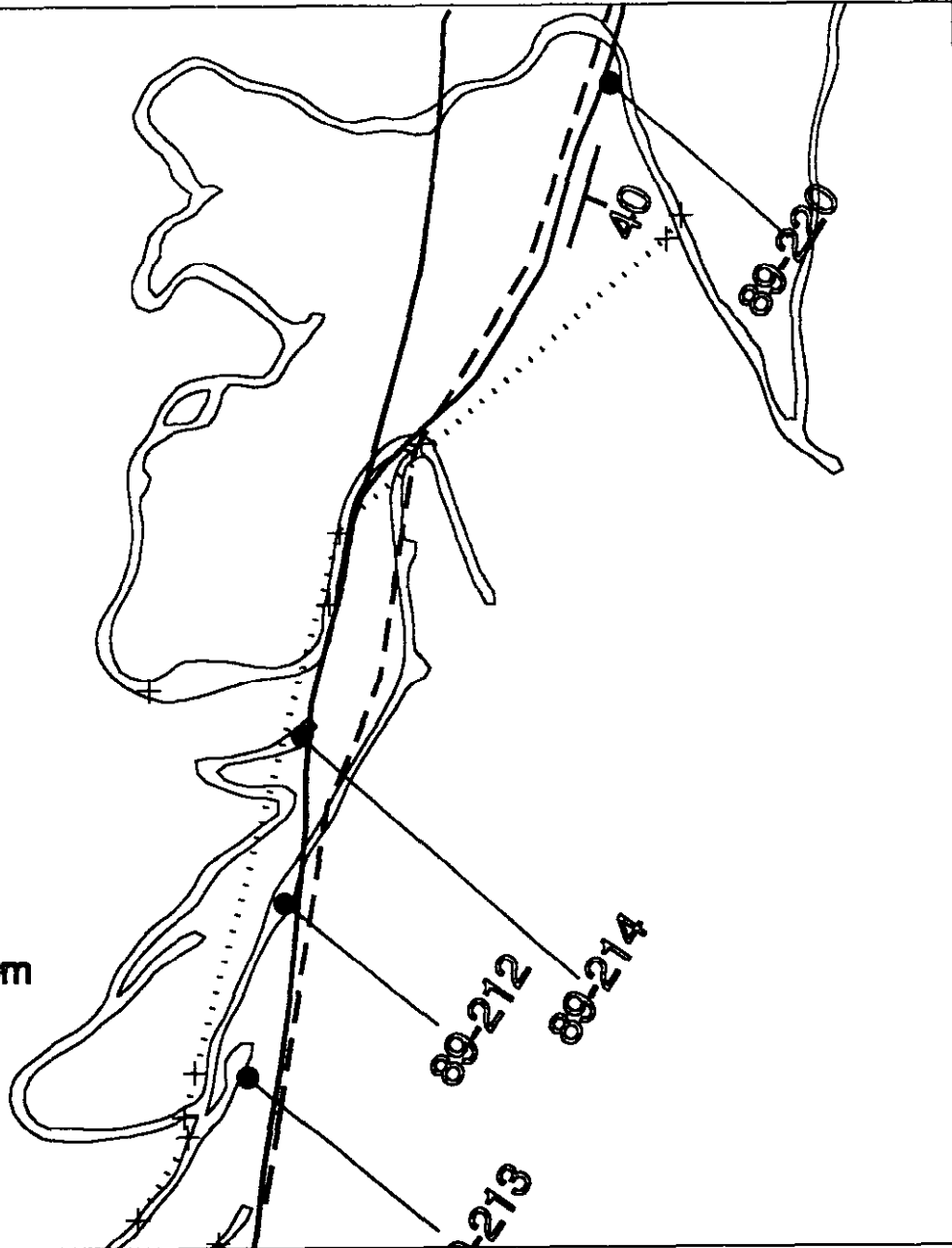
- Access Road
- VLF Anomaly

George G. Addie , P. Eng. (B.C.)	
IBEX RESOURCES LTD.	
Tillicum Map 1996 VLF Anomaly Map	
Date: Nov.30/96	Figure: 8



117°41'37.7" W
49°58'19.0" N

0m 50m 100m
Scale 1:3279



LEGEND

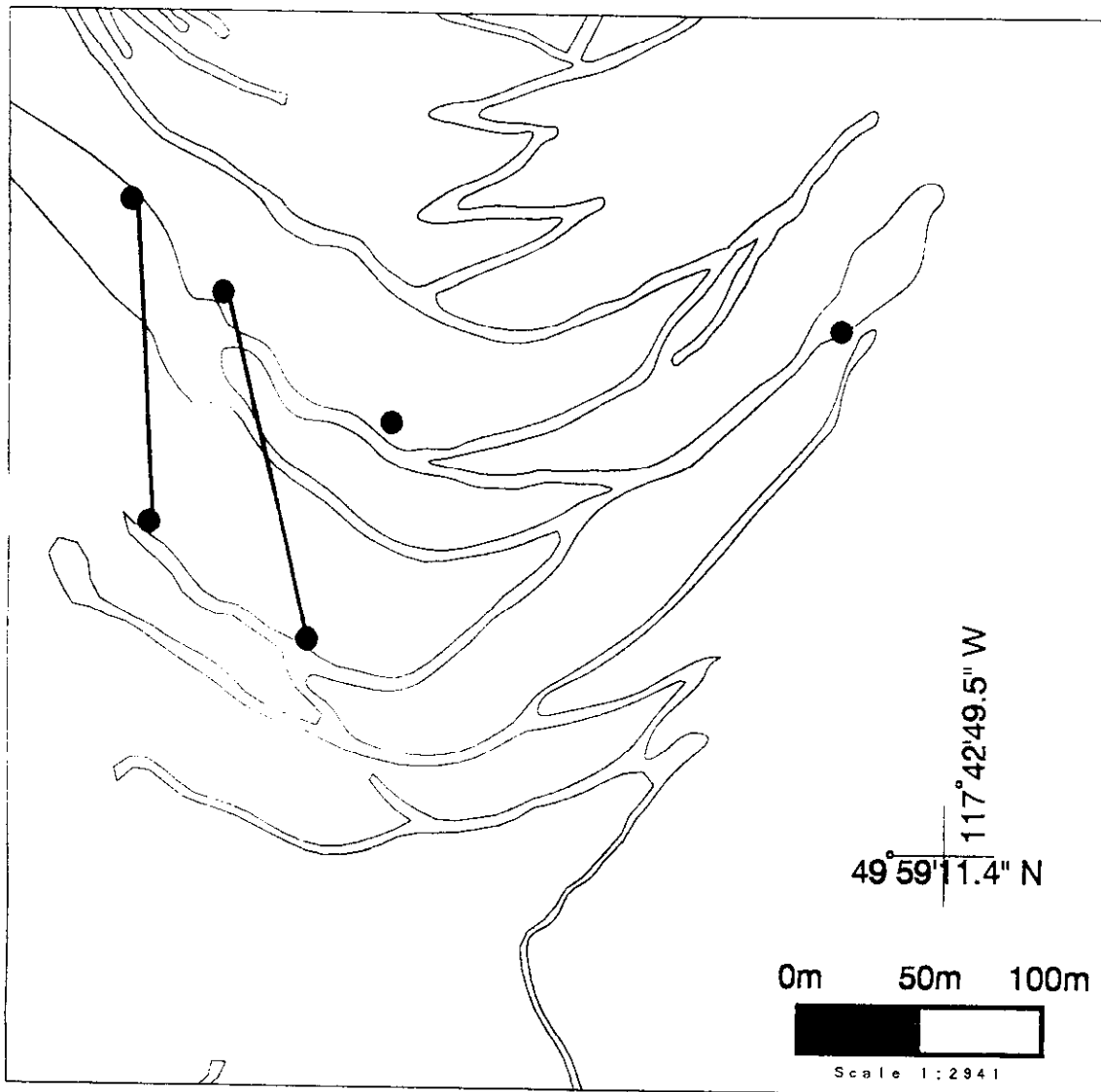
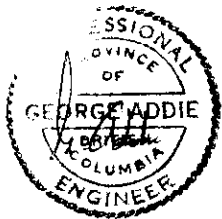
- Access Road
- Drill Hole
- Vein Trace
- VLF
- Fault

George G. Addie , P. Eng. (B.C.)

IBEX RESOURCES LTD.

Grizzly Fault/Vein Map
and VLF Anomalies

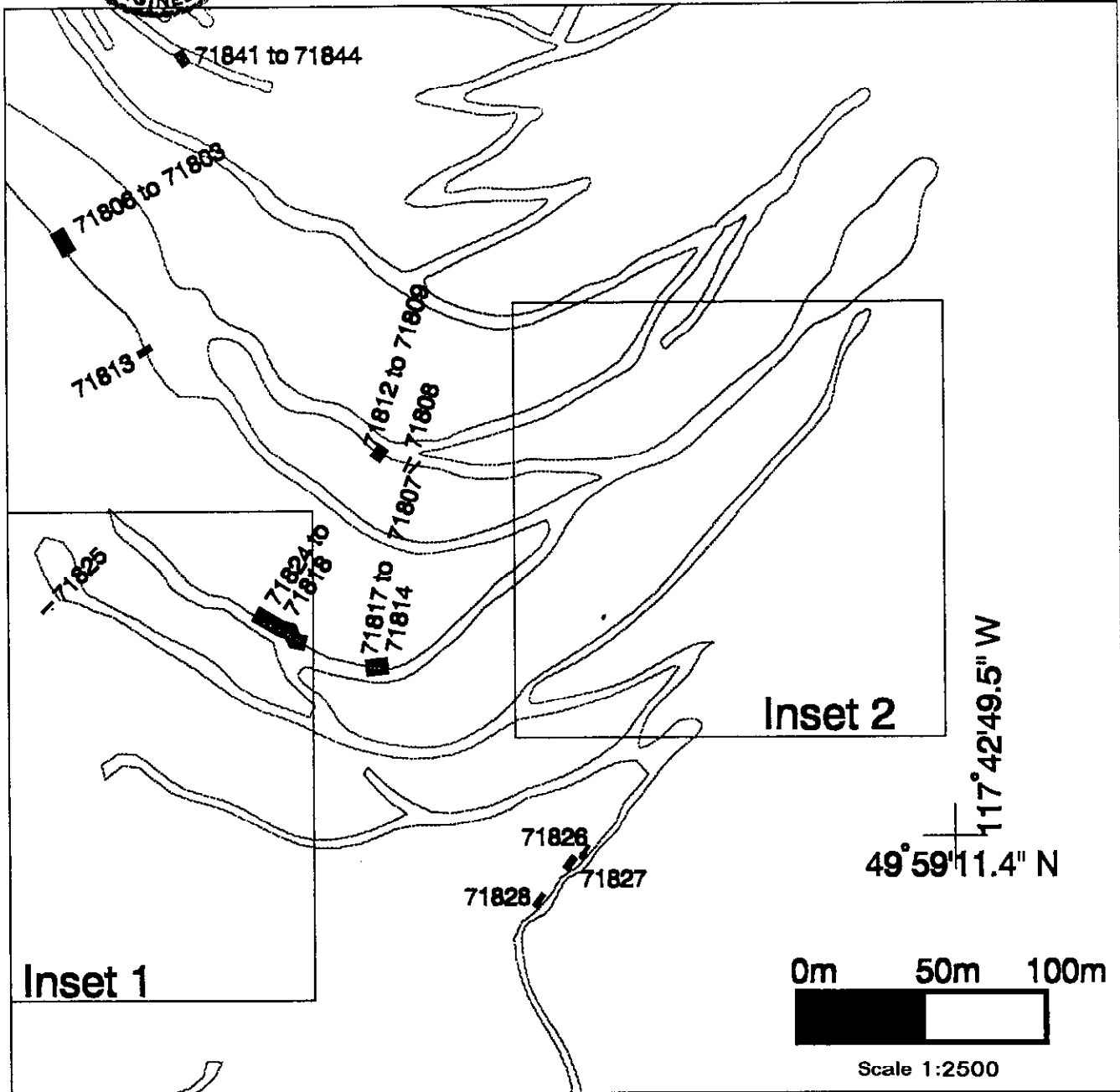
Date: Nov.30/96 Figure: 9






LEGEND

- Access Road
- SP Anomaly

George G. Addie , P. Eng. (B.C.)	
IBEX RESOURCES LTD.	
Tillicum Map	
1996 Self Potential Anomaly Map	
Date: Nov.30/96	Figure: 10



LEGEND

-  Underground Workings
-  Access Road
-  Sample Location

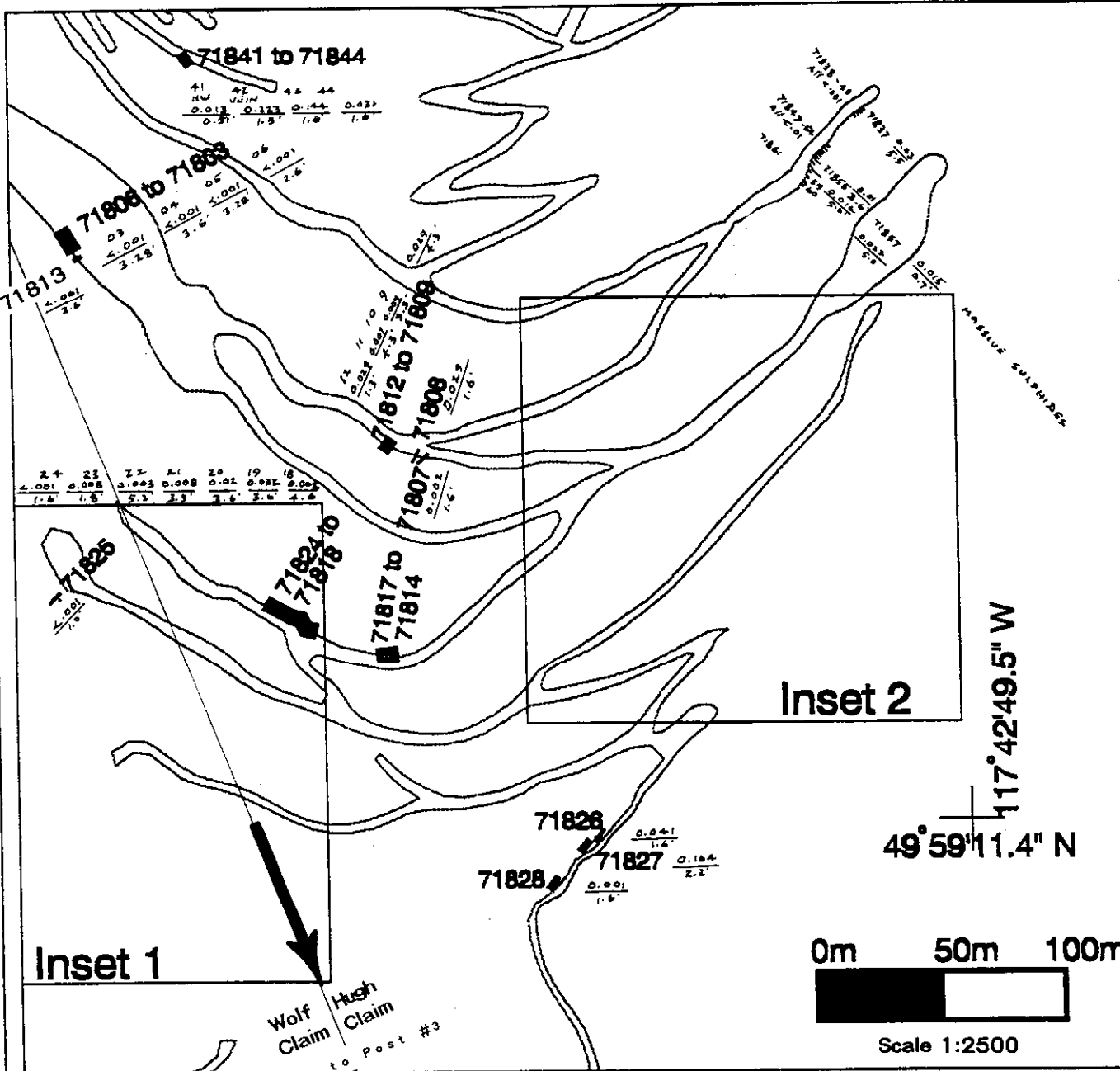
George G. Addie , P. Eng. (B.C.)

IBEX RESOURCES LTD.

**Tillicum 1996 Sample Sites
Surface Samples**

Date: Nov.30/96 Figure: 1 1

GOLD
oz/T



LEGEND

- Underground Workings
- Access Road
- Sample Location
oz/T / Foot

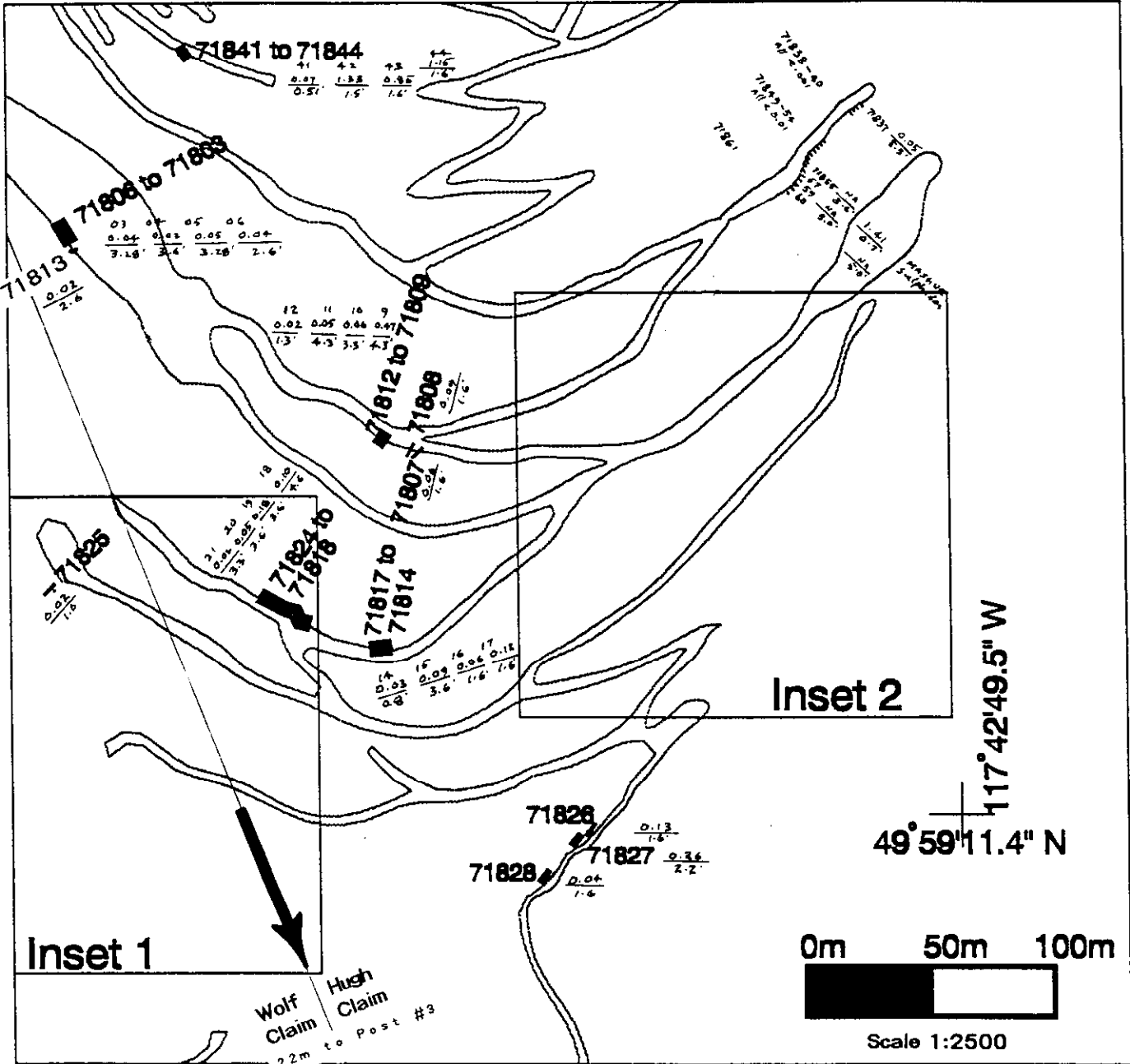
George G. Addie , P. Eng. (B.C.)

AMT RESOURCES LTD.

Tillicum 1996 Sample Sites
Surface Samples

Date: Nov. 30/96 Figure: 11a

SILVER
oz/T



Inset 1

Inset 2

117° 42' 49.5" W
49° 59' 11.4" N

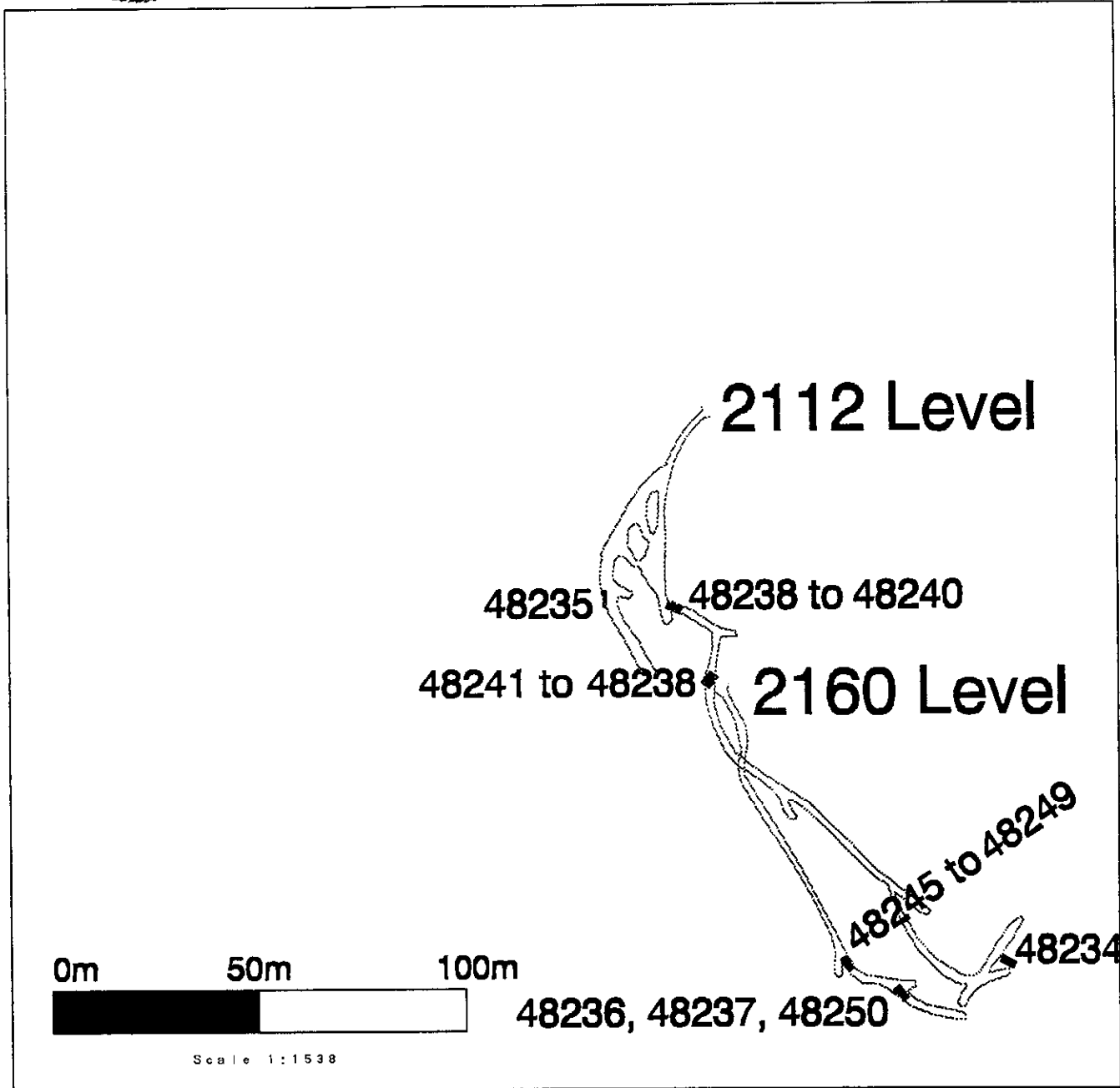
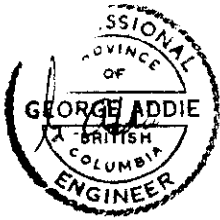
0m 50m 100m

Scale 1:2500

LEGEND

-  Underground Workings
-  Access Road
-  **71822** Sample Location
oz/T / Feet

George G. Addie , P. Eng. (B.C.)	
AMT RESOURCES LTD.	
Tillicum 1996 Sample Sites Surface Samples	
Date: Nov.30/96	Figure: 1 1b



LEGEND



Underground Workings



48236 Sample Location

George G. Addie , P. Eng. (B.C.)

IBEX RESOURCES LTD.

Tillicum 1996 Sample Sites

Inset 1: Gustafson Mine Workings

Date: Nov.30/96

Figure: 12

GOLD
oz/T



HUGH CLAIM
DL16977

Az 174
180m
to post #3

2112 Level

$\frac{<0.001}{2.1}$ 48235

48238 to 48240

48241 to

48244

2160 Level

$\frac{0.002}{1.9}$ $\frac{<.001}{2.4}$ $\frac{0.001}{0.75}$ $\frac{0.002}{2.0}$

48245 to 48249

$\frac{0.04}{3.05}$ $\frac{0.01}{1.0}$ $\frac{0.009}{3.33}$ $\frac{0.001}{1.35}$ $\frac{0.001}{1.77}$

0m 50m 100m



Scale 1:1515

48236, 48237, 48250

$\frac{0.062}{2.3}$ $\frac{0.026}{2.0}$ $\frac{0.058}{2.3}$

48234
 $\frac{0.162}{1.75}$

LEGEND



Underground Workings

48236

Sample Location

oz/T / Feet

George G. Addie , P. Eng. (B.C.)

AMT RESOURCES LTD.

Tillicum 1996 Sample Sites

Inset 1: Gustafson Mine Workings

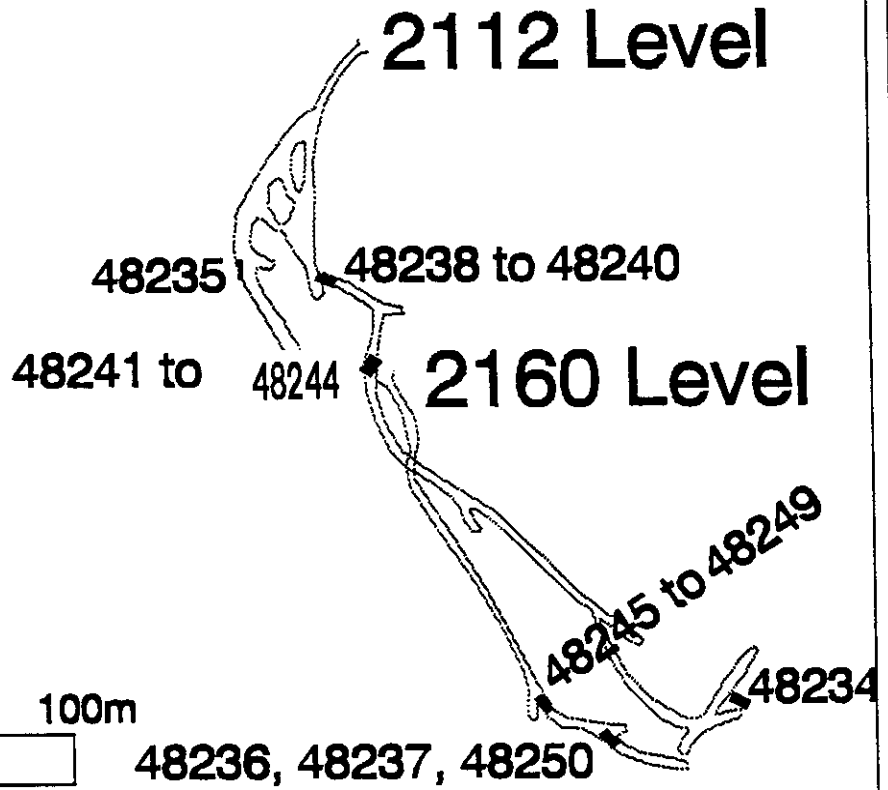
Date: Nov.30/96 Figure: 12a

SILVER
oz/T



HUGH CLAIM
DL16977

↓
Az 174
180m
to post 3



LEGEND



Underground Workings



48236 Sample Location

oz/T / Feet

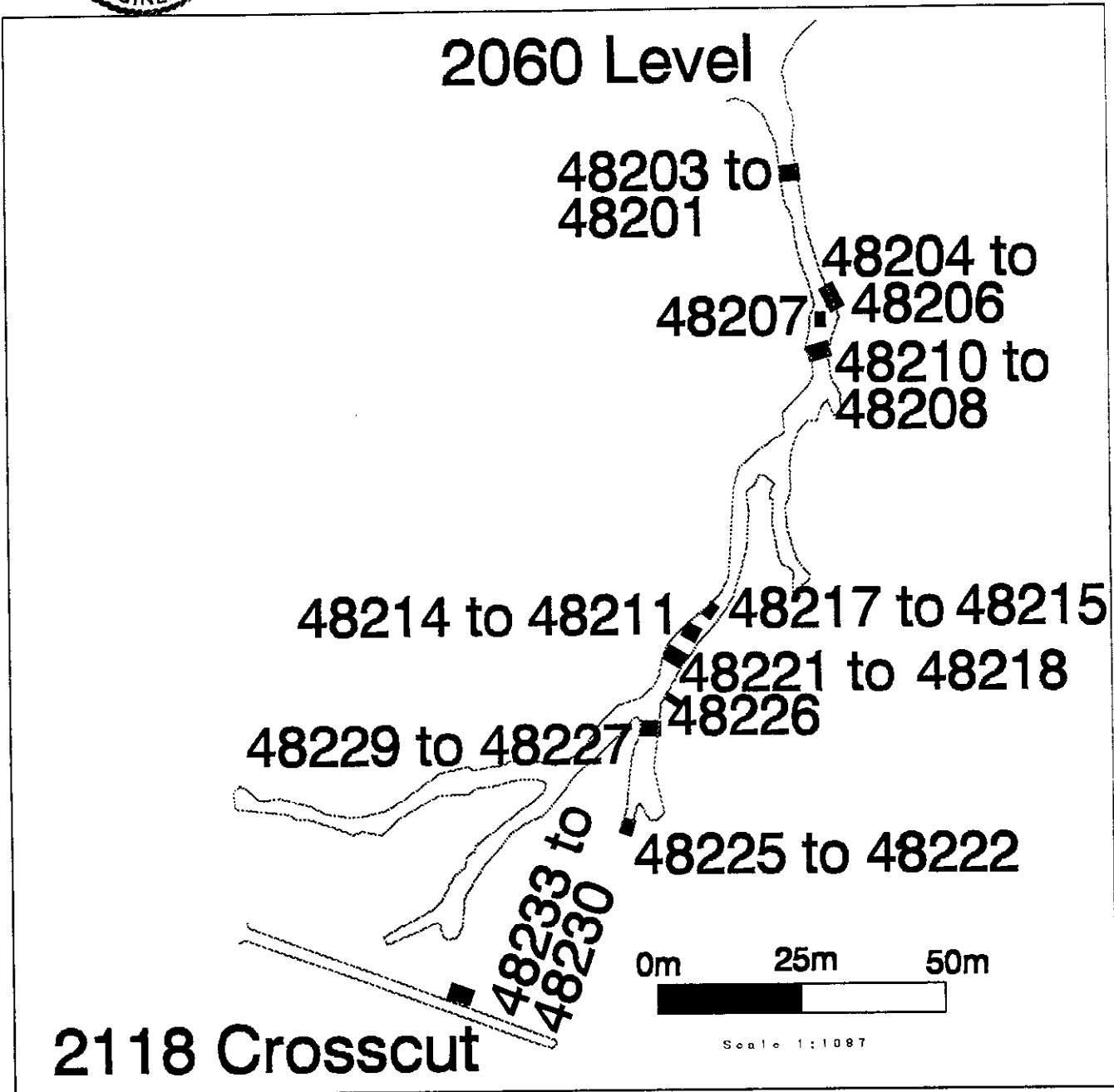
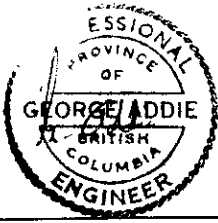
George G. Addie , P. Eng. (B.C.)

AMT RESOURCES LTD.




Tillicum 1996 Sample Sites
Inset 1: Gustafson Mine Workings

Date: Nov.30/96

Figure: 1 2b



LEGEND

-  Underground Workings
-  Access Road
-  Sample Location

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**Tillicum 1996 Sample Sites
Inset 2: East Ridge Workings**

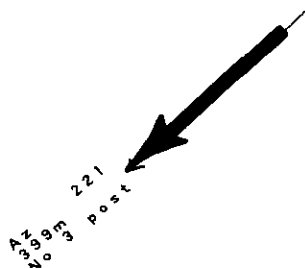
Date: Nov.30/96 Figure: 13

GOLD
oz/T



HUGH CLAIM
DL16977

2062 Level



48201
FW
0.649
1.6'

02 03
0.262 0.014
2.0' 1.8'

48203 to
48201

48204 05 06
0.116 0.125 0.262
3.08' 1.75' 1.75'

48204 to
48206

0.021
3.8'

48207

48210 to
48208

48208 09 10
0.186 0.033 0.063
3.08' 2.5' 5.0'

48211 12 13 14
0.061 0.186 0.031 0.043
1.17' 2.15' 2.8' 1.9'

48214 to 48211

48217 to 48215

48215 16 17
0.055 0.035 0.008
2.0' 2.0' 2.5'

48221 28 29
0.036 0.073 0.052
1.8' 3.7' 1.5'

48221 to 48218

48226

48218 19 20 21
0.032 0.066 0.068 0.13
2.2' 3.0' 2.0' 3.0'

48229 to 48227

48226
0.01
1.8'

48225 to 48222

48222 23 24 25
0.015 0.068 0.192 0.165
1.25' 2.0' 2.0' 2.0'

48233 32 31 30
0.146 0.146 0.10 0.008
1.9' 1.9' 2.22' 1.42'

48233 to
48230

0m 25m 50m



Scale 1:1075

2118 Crosscut

LEGEND



Underground Workings



Sample Location

oz/T / Feet

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AMT RESOURCES LTD.

Tillicum 1996 Sample Sites
Inset 2: East Ridge Workings

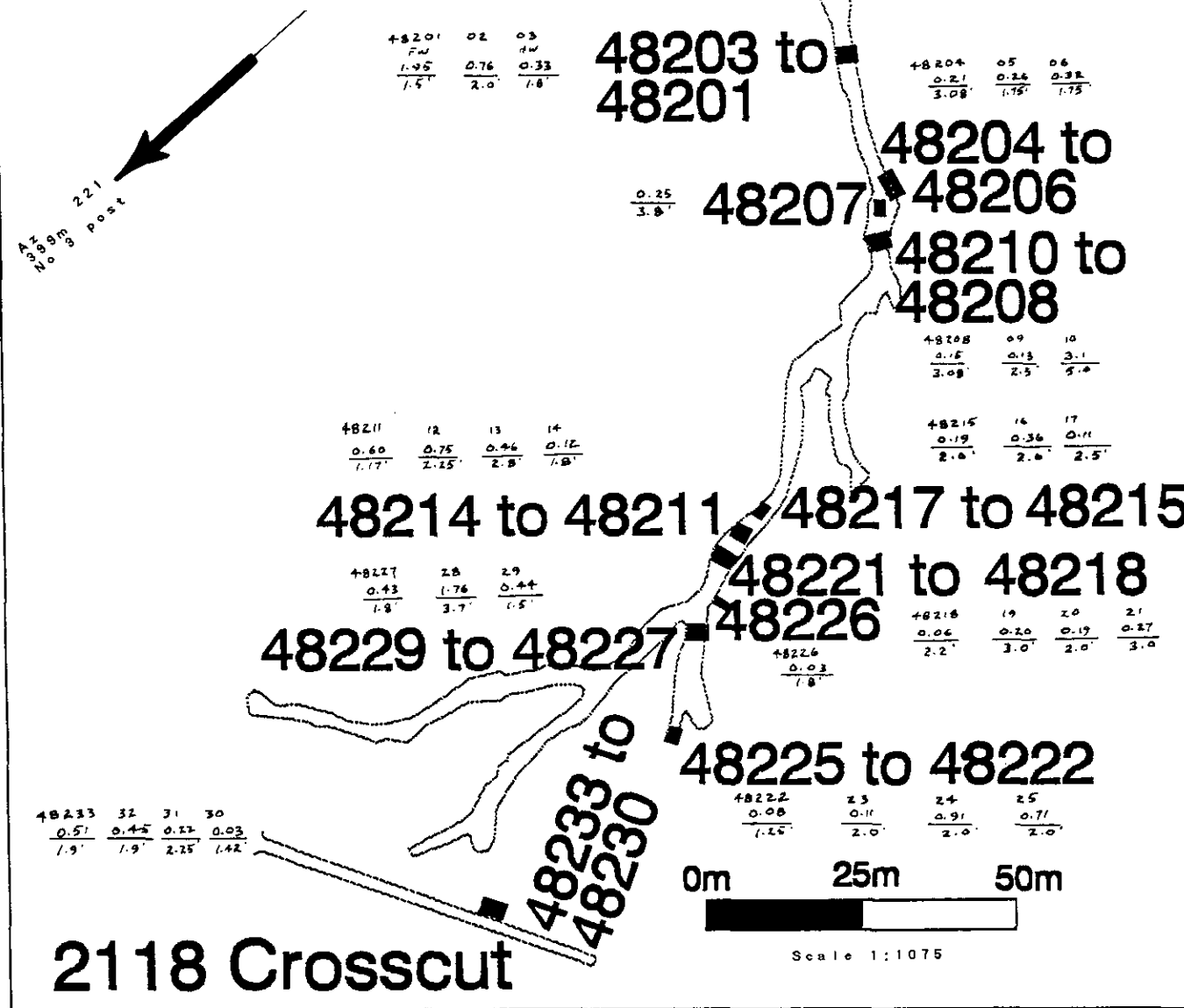
Date: Nov.30/96 Figure: 13a

SILVER
oz/T



HUGH CLAIM
DL16977

2062 Level



LEGEND

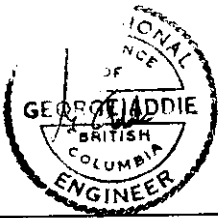
-  Underground Workings
-  Sample Location
oz/T / Feet

George G. Addie , P. Eng. (B.C.)

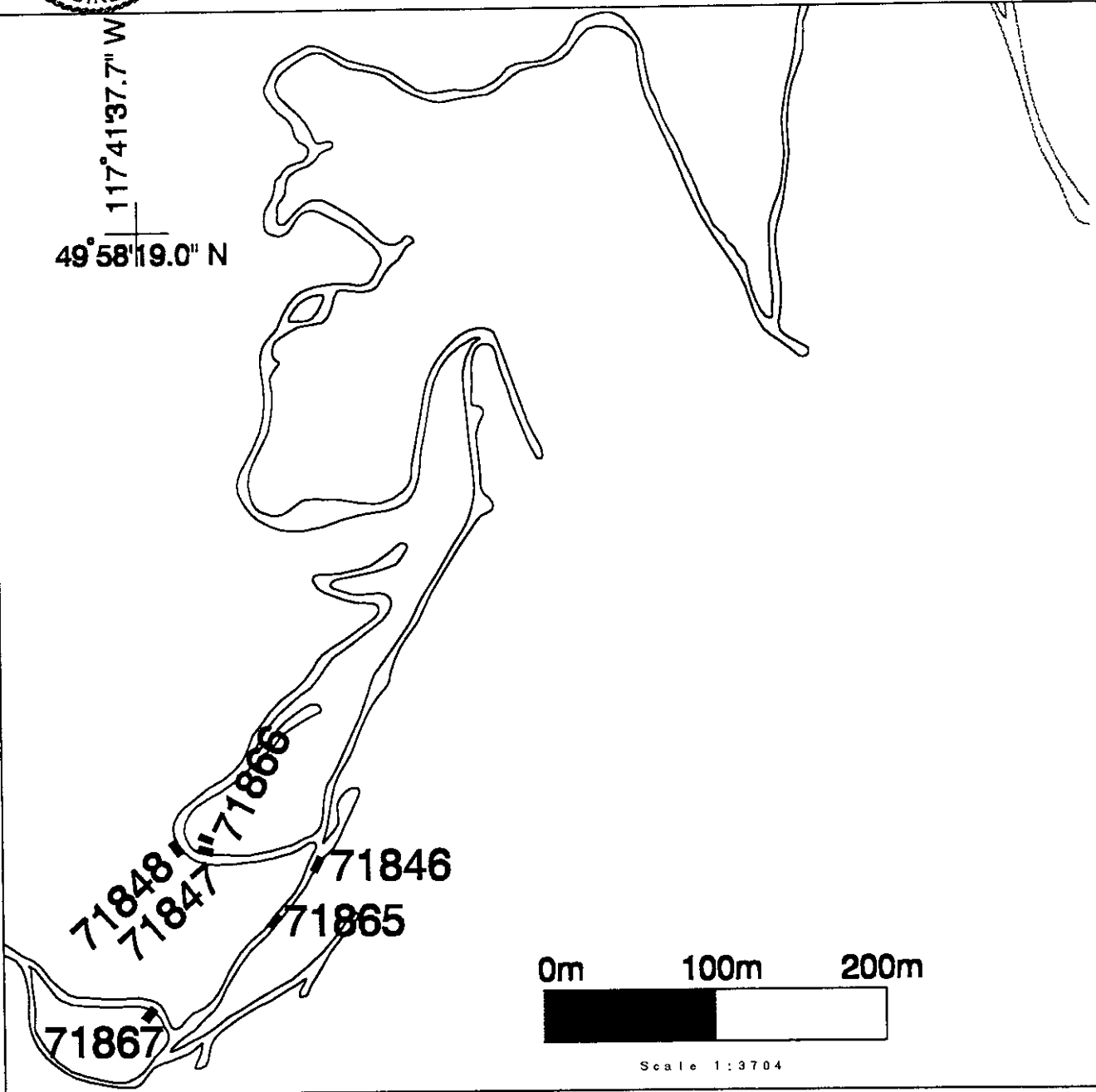
AMT RESOURCES LTD.

Tillicum 1996 Sample Sites
Inset 2: East Ridge Workings

Date: Nov.30/96 Figure: 13b



117°41'37.7" W
49°58'19.0" N



0m 100m 200m



Scale 1:3704

LEGEND

 Access Road

 Sample Location

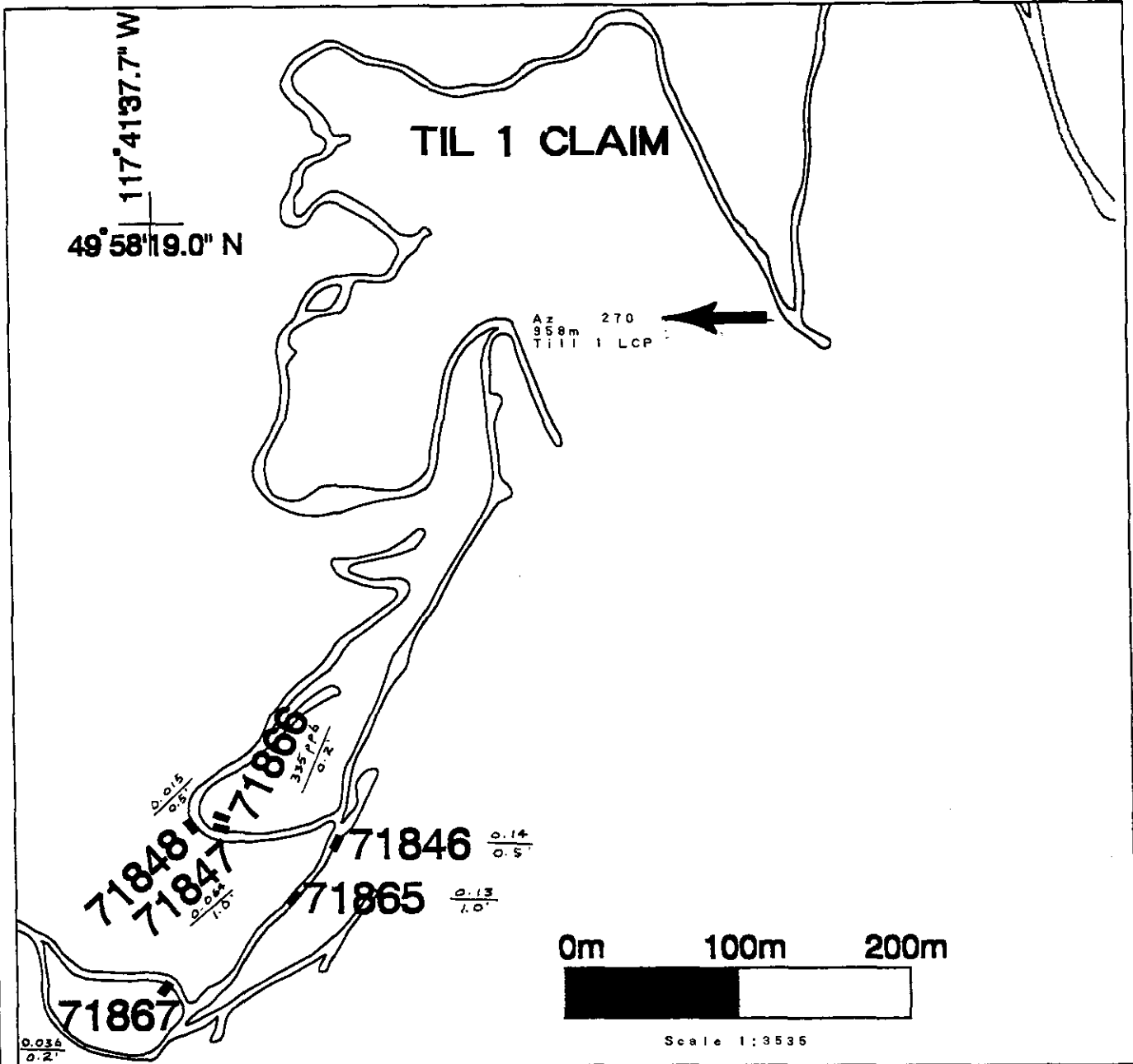
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IBEX RESOURCES LTD.

Grizzly Zone: 1996 Sample Sites
Surface Samples

Date: Nov.30/96 Figure: 14

GOLD
oz/T



LEGEND



Access Road

71865



Sample Location

oz/T / Feet

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AMT RESOURCES LTD.

Grizzly Zone: 1996 Sample Sites
Surface Samples

Date: Nov.30/96 Figure: 14a

REVISED Sept.10,1997

SILVER
oz/T



117°41'37.7" W
49°58'19.0" N

TIL 1 CLAIM

Az 270
958m
Till 1 LCP



71848 $\frac{24.26}{0.5}$
71847 $\frac{3.42}{0.2}$
71866 $\frac{3.42}{0.2}$
71846 $\frac{NA}{0.5}$
71865 $\frac{2.22m}{1.8}$

0m 100m 200m



Scale 1:3535

LEGEND



Access Road



Sample Location

oz/T / Feet

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AMT RESOURCES LTD.

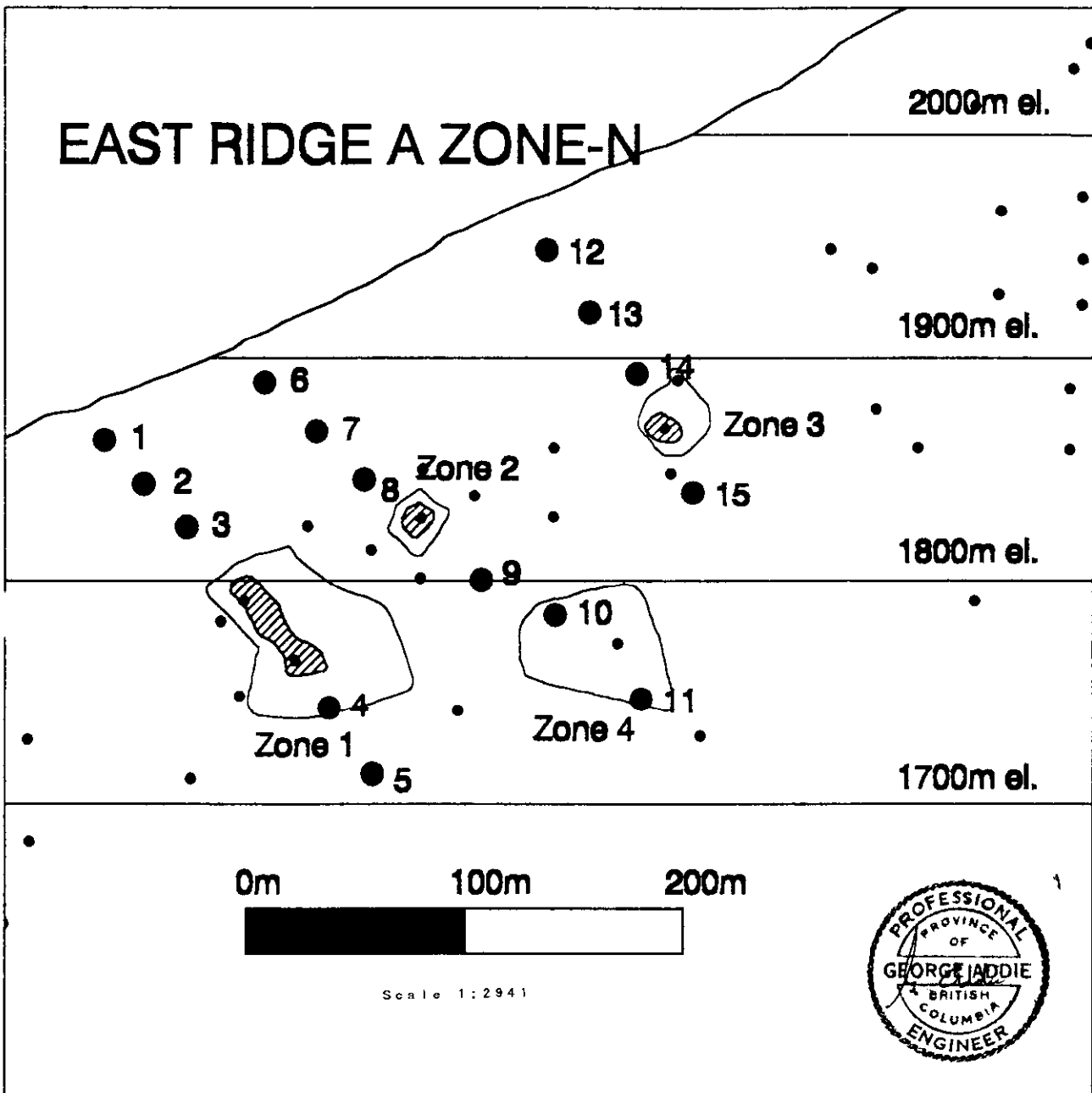
Grizzly Zone: 1996 Sample Sites
Surface Samples

Date: Nov.30/96 Figure: 14b

North

South

Section Line N 20°E , Looking East



LEGEND

- Drillhole
- ⁸ Proposed Drill Hole
- 0.5 Foot*az. Contour
- 0.3 Foot*az. Contour

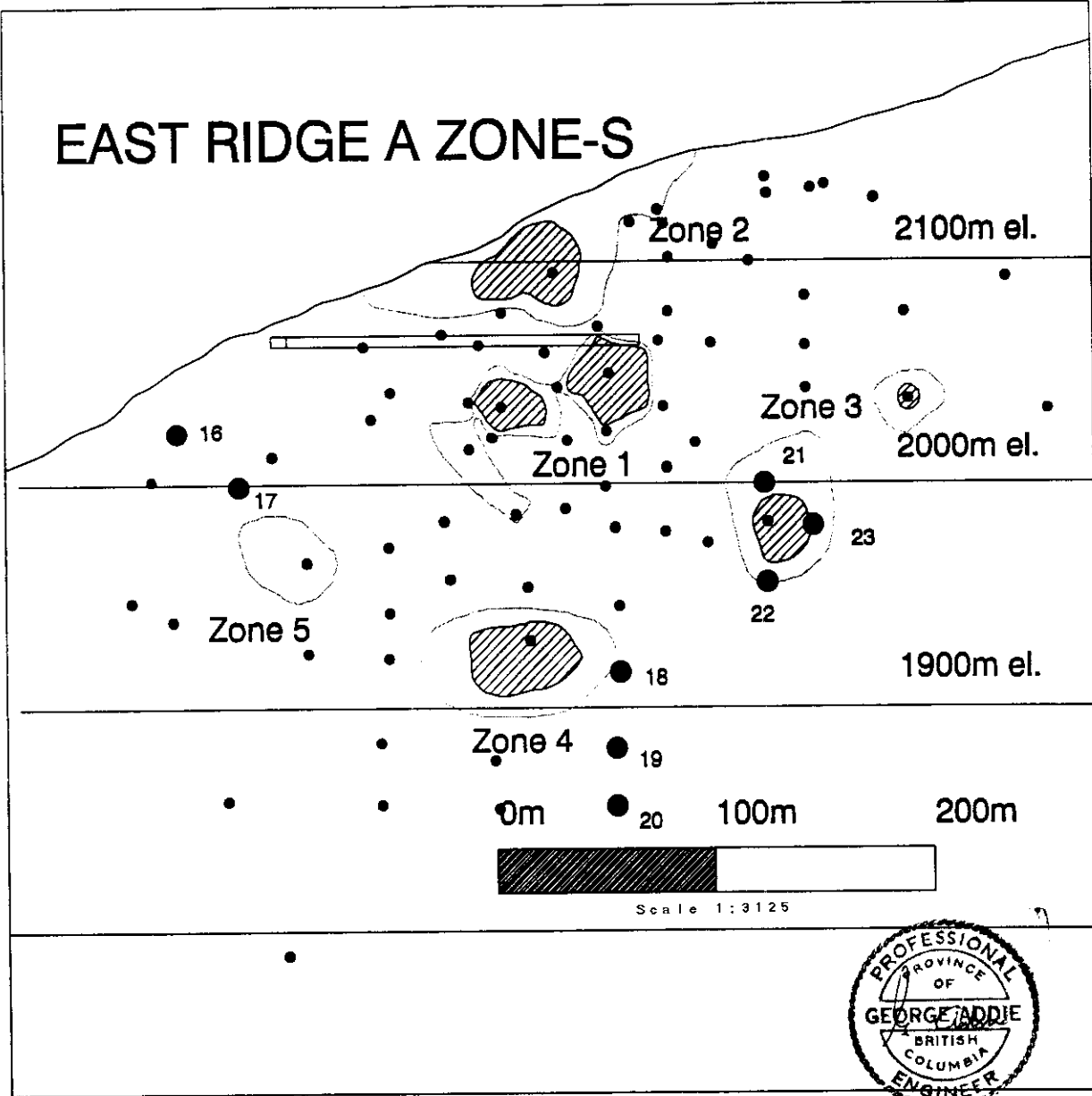
George G. Addie , P. Eng. (B.C.)	
AMT RESOURCES LTD.	
TILlicum GOLD PROJECT	
Foot * Assay Contours (/5)	
Date: Nov.10/96	Figure: 15

North

South

Section Line N 20°E , Looking East

EAST RIDGE A ZONE-S



LEGEND

- Drillhole
- 20 Proposed Drillhole
- ▨ 0.5 Foot*oz. Contour
- 0.3 Foot*oz. Contour

George G. Addie , P. Eng. (B.C.)

AMT RESOURCES LTD.

TILlicum GOLD PROJECT

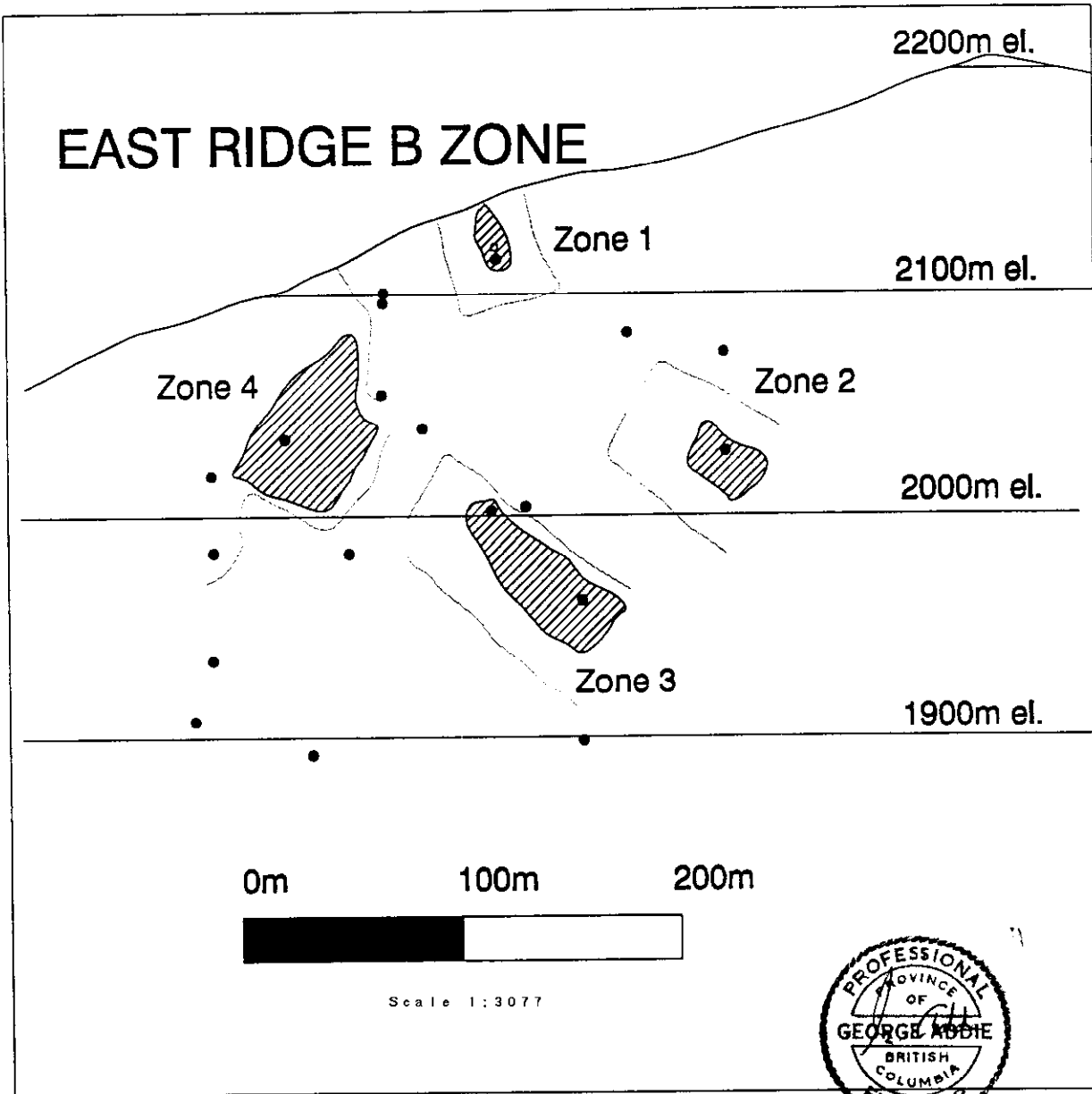
Foot * Assay Contours (/5)

Date: Nov. 10/96 Figure: 16

North

South

Section Line N 20°E , Looking East



LEGEND

● Drillhole



0.5 Foot*oz. Contour



0.3 Foot*oz. Contour

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TILlicum GOLD PROJECT

Foot * Assay Contours (/5)

Date: Nov. 10/96

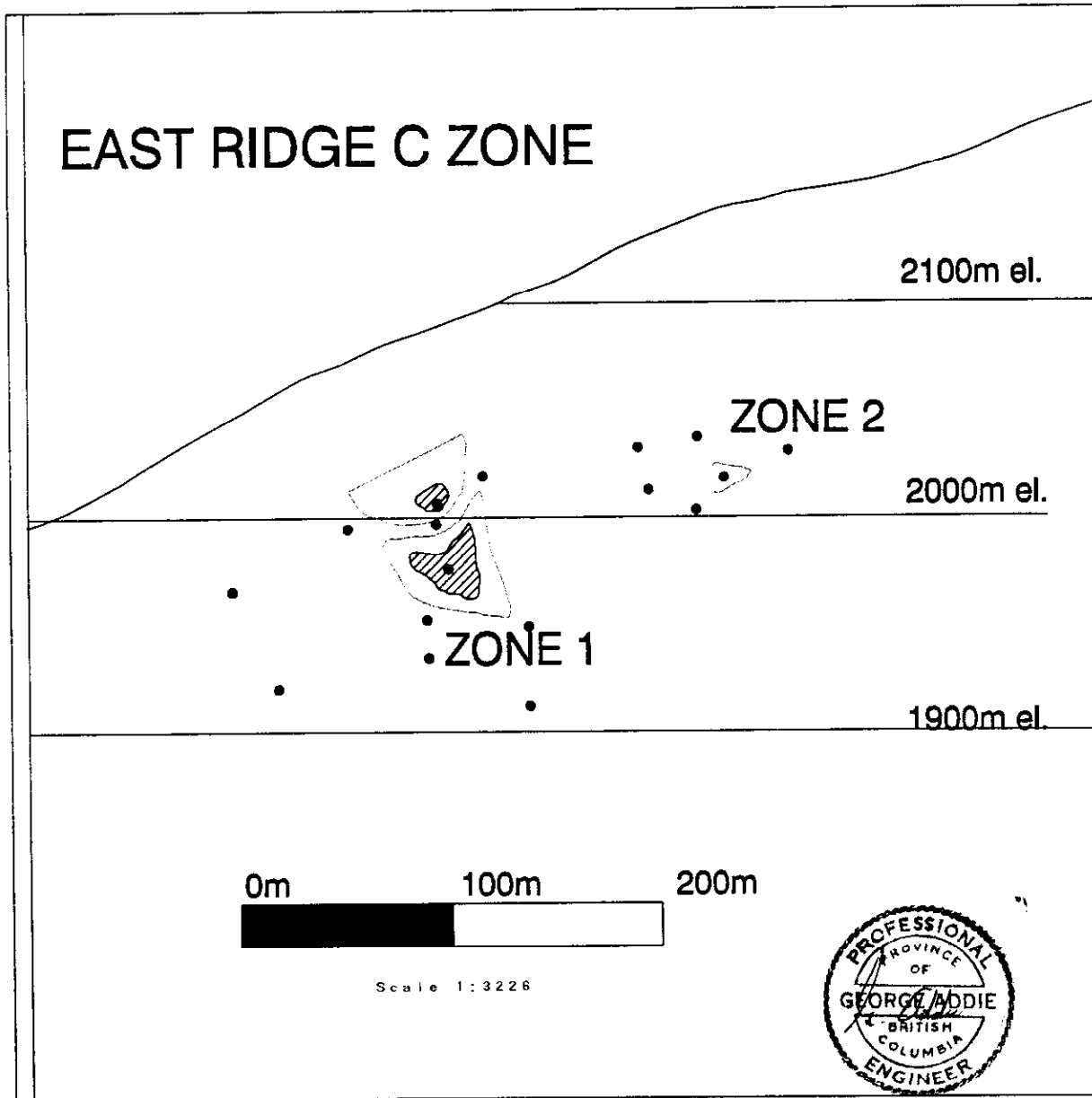
Figure: 17

North

South

Section Line N 20°E , Looking East

EAST RIDGE C ZONE



LEGEND

● Drillhole



0.5 Foot*oz. Contour



0.3 Foot*oz. Contour

George G. Addie , P. Eng. (B.C.)

AMT RESOURCES LTD.

TILLICUM GOLD PROJECT

Foot * Assay Contours (/5)

Date: Nov.10/96

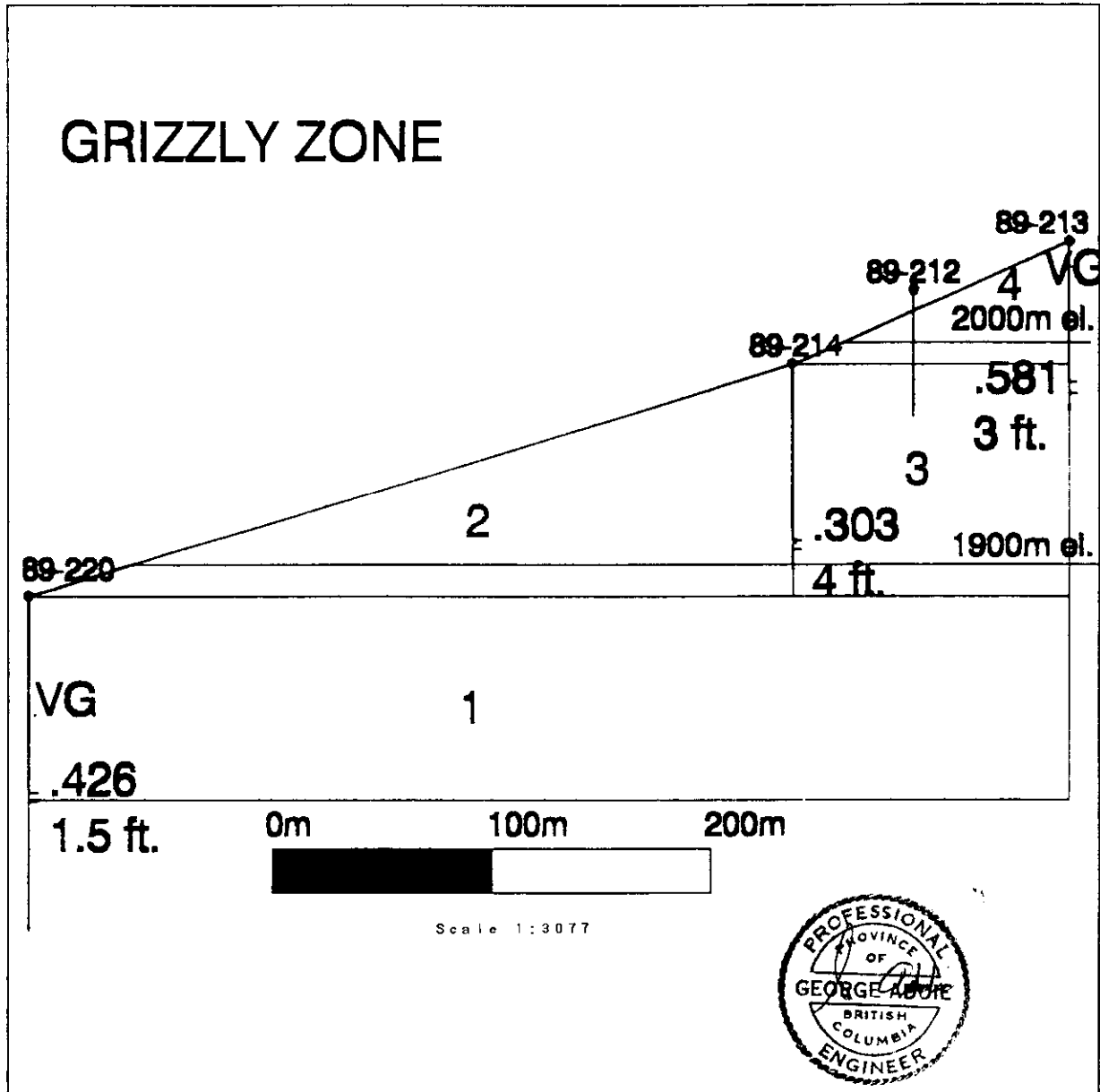
Figure: 18

North

South

Section Line N 05°W , Looking East

GRIZZLY ZONE



LEGEND

Drillhole Number

● Gold grade in oz./ton
┆ Intersected Width in ft.

1 Block Number

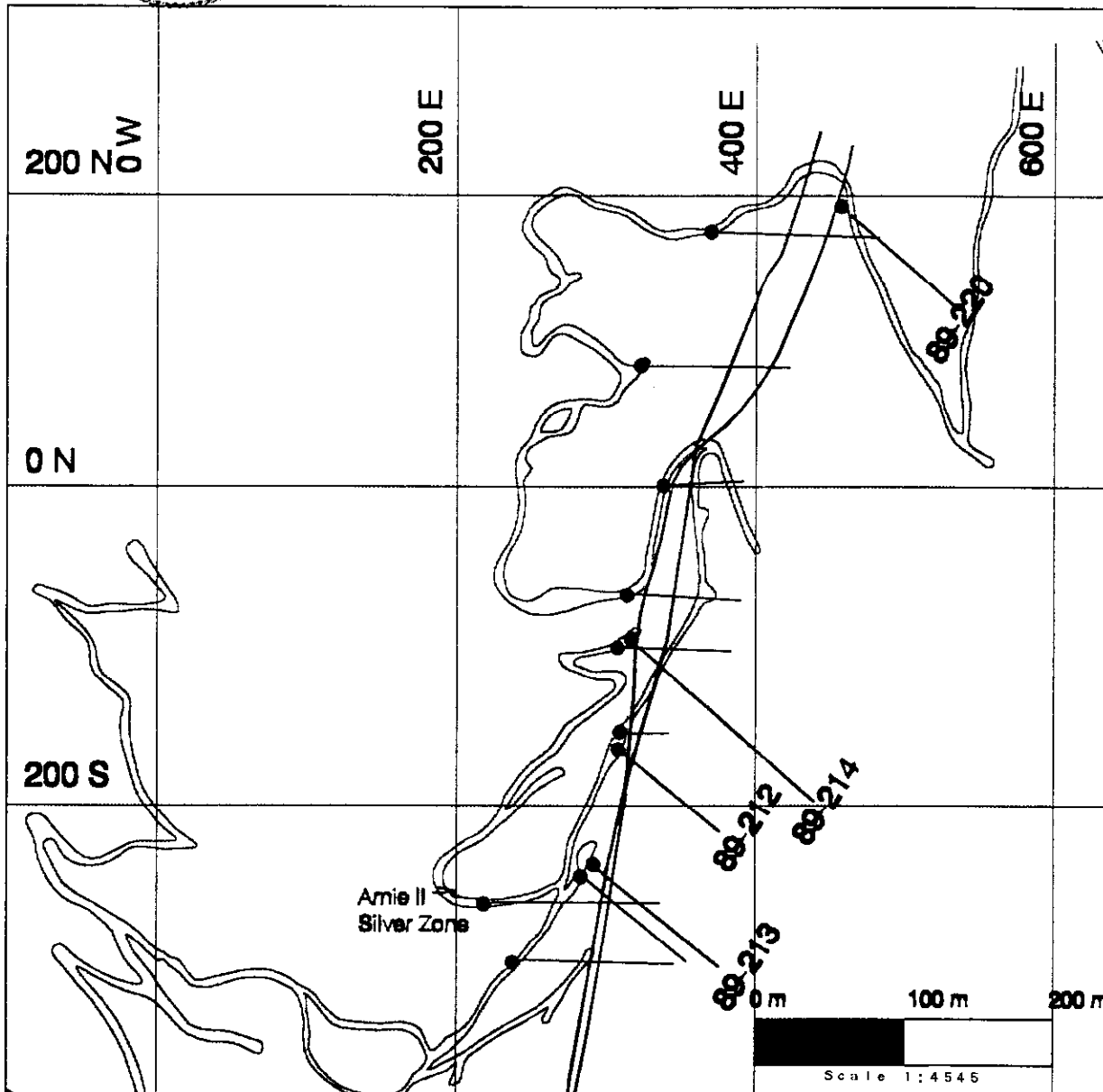
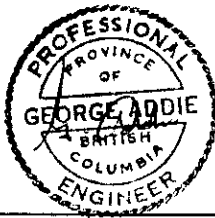
George G. Addie , P. Eng. (B.C.)

AMT RESOURCES LTD.

TILLICUM GOLD PROJECT

Grizzly Zone - Drill Indicated Reserves

Date: Nov. 10/98 Figure: 19



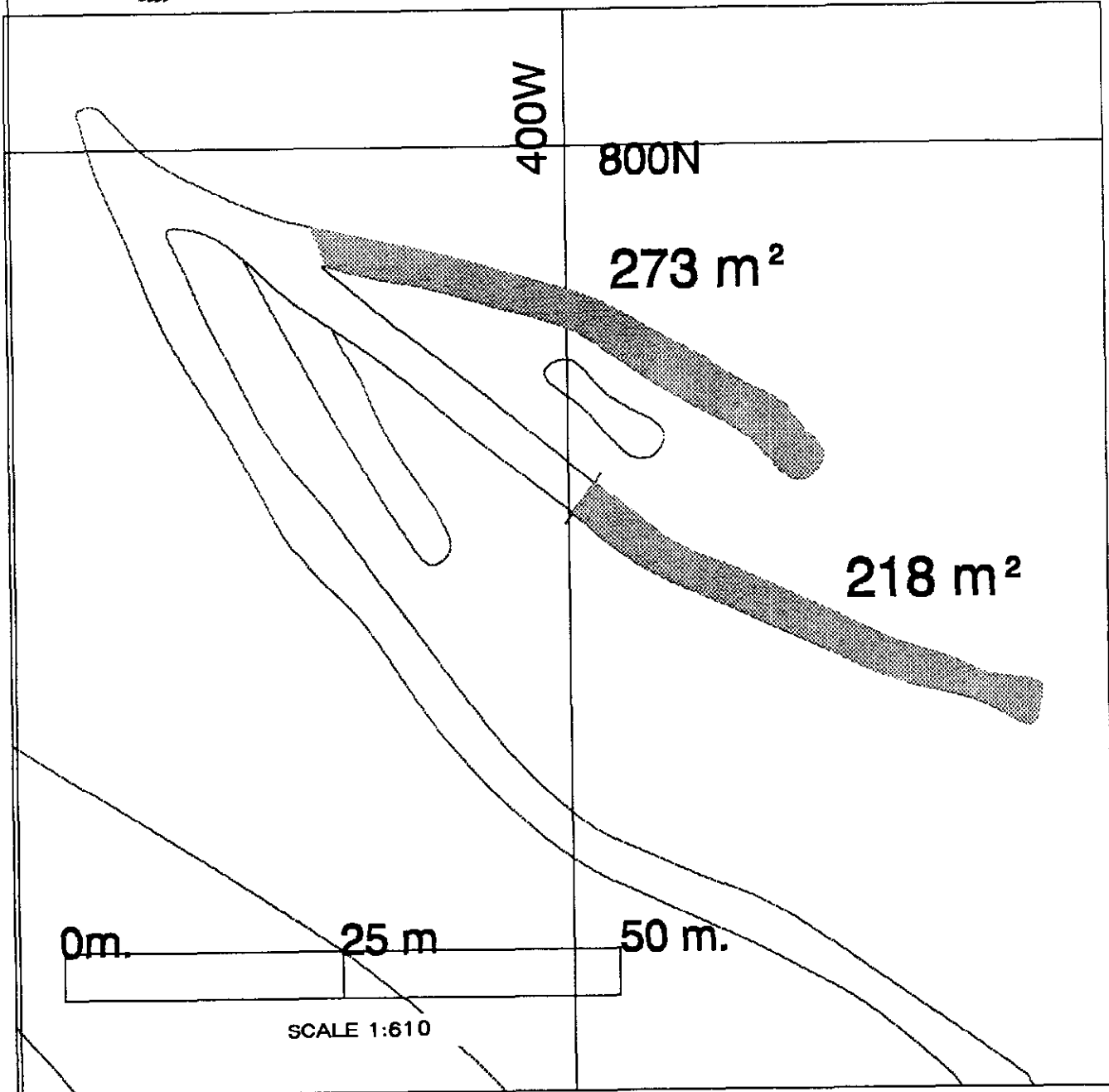
LEGEND

- Fault Trace
- Projected Vein Trace
- 1997 Proposed Drillhole
- Drillhole

George G. Addie , P. Eng. (B.C.)	
AMT RESOURCES LTD.	
TILLICUM GOLD PROJECT	
Grizzly Zone - Proposed Drillholes	
Date: Nov.10/96	Figure: 20



JENNIE ZONE



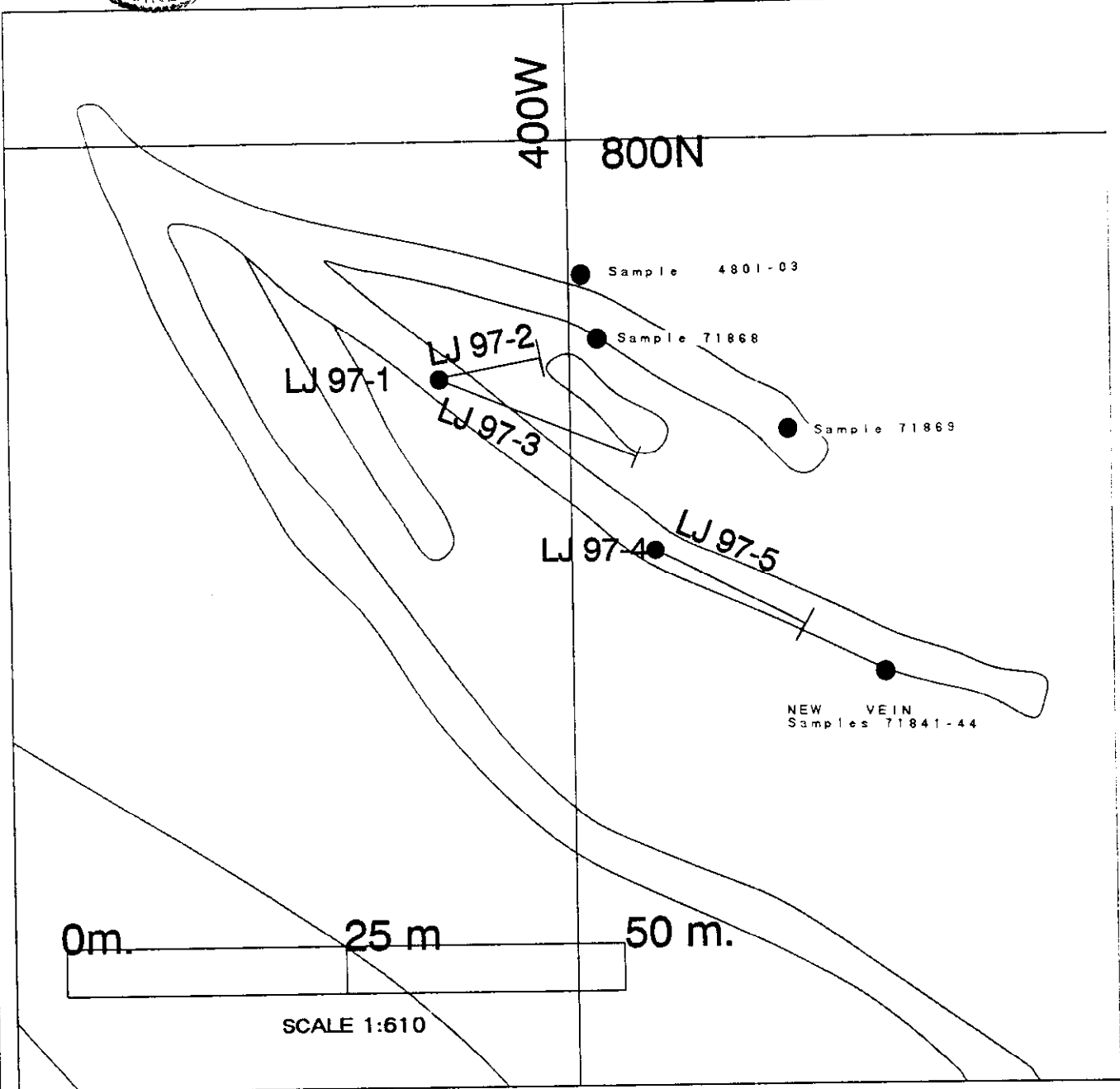
LEGEND

 New Roads

George G. Addie , P. Eng. (B.C.)	
AMT RESOURCES LTD.	
1996 Roadwork	
Scale:	Date: Nov. 30/96 Figure: 21



JENNIE ZONE

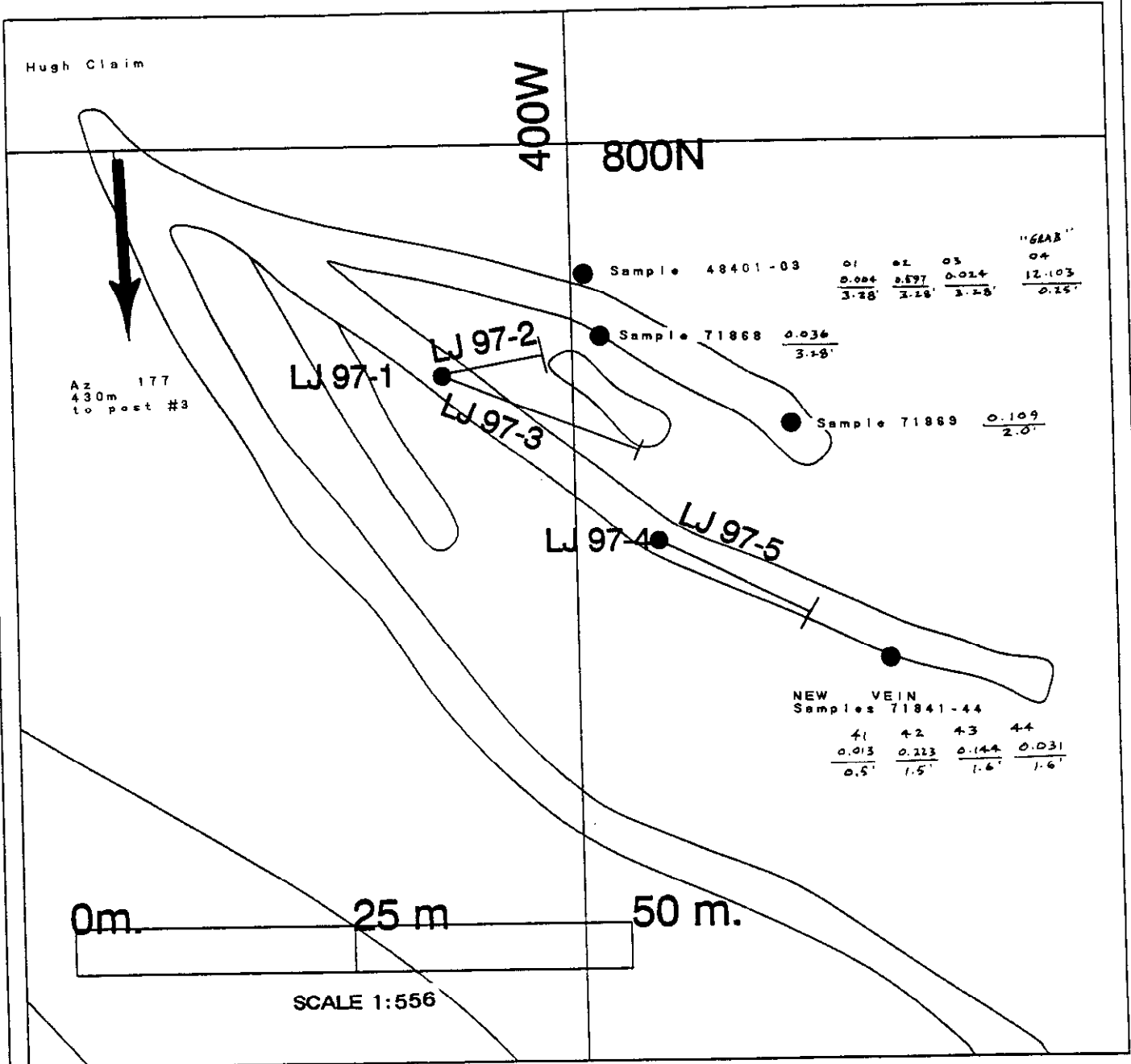


- — PROPOSED Diamond Drill Hole
- SAMPLE

George G. Addie , P. Eng. (B.C.)	
AMT RESOURCES LTD.	
TILlicum GOLD PROJECT	
1997 PROPOSED DRILLING	
Date: Nov. 10/96	Figure: 22

JENNIE ZONE

GOLD
oz/T



LEGEND

● — PROPOSED Diamond Drill Hole

● SAMPLE oz/T / Feet

George G. Addie, P. Eng. (B.C.)

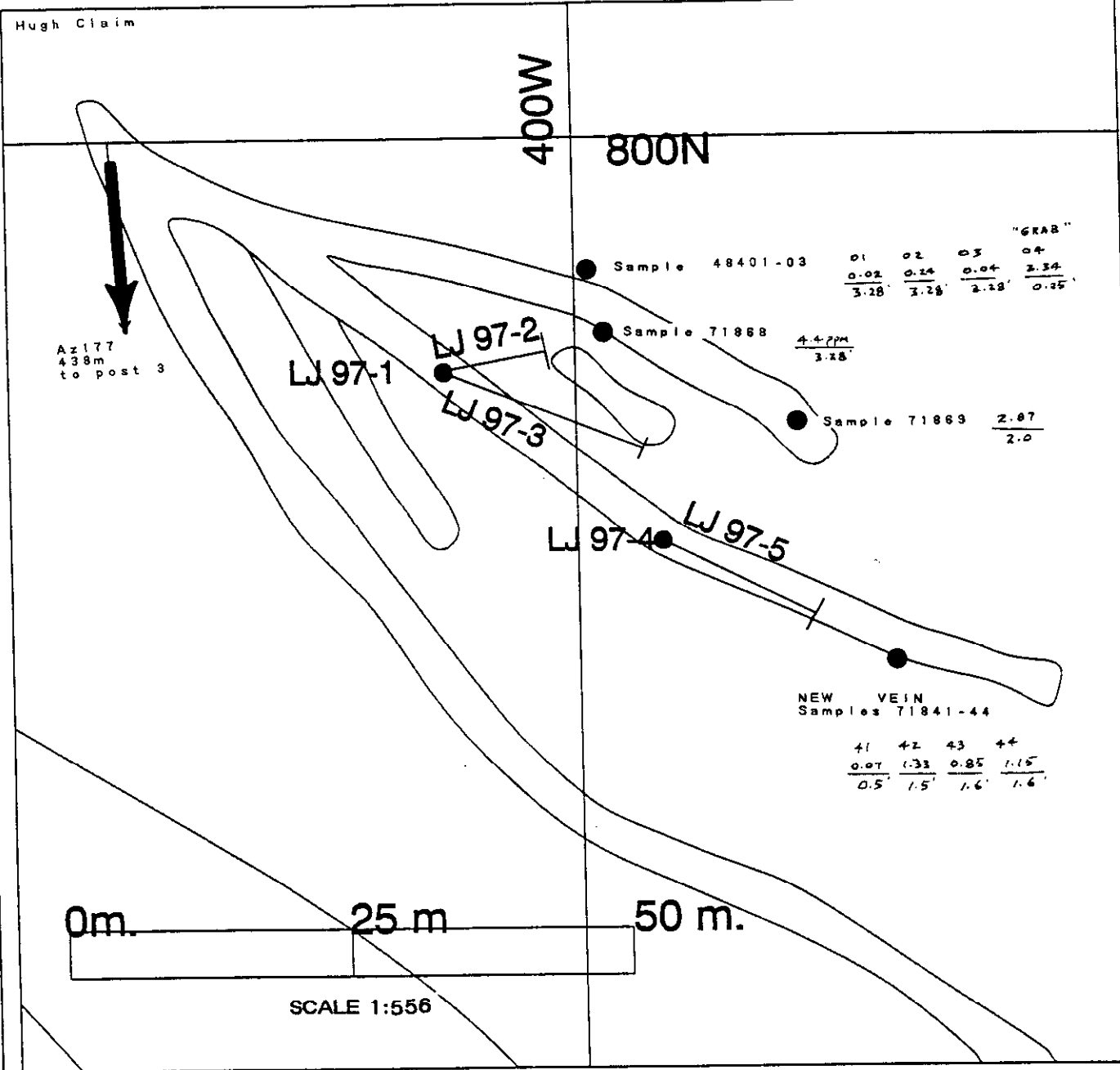
AMT RESOURCES LTD.

**TILlicum GOLD PROJECT
1997 PROPOSED DRILLING**

Date: Nov. 10/96 Figure: 22a

REVISED Sept. 10, 1997

JENNIE ZONE
SILVER
oz/T



LEGEND

- — PROPOSED Diamond Drill Hole
- SAMPLE oz/T / Feet

George G. Addie , P. Eng. (B.C.)
AMT RESOURCES LTD.
TILLICUM GOLD PROJECT
1997 PROPOSED DRILLING

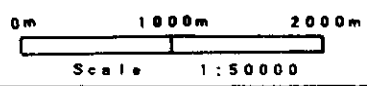
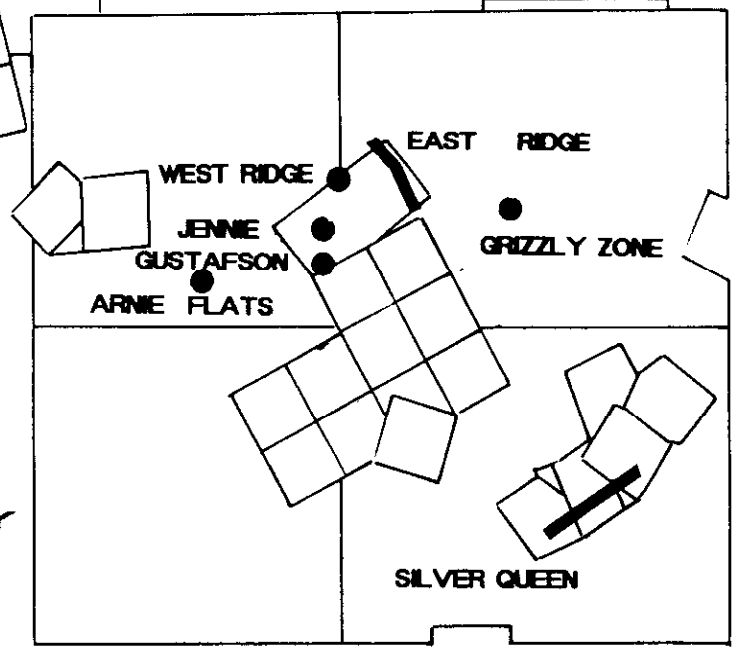
Date: Nov. 10/96 Figure: 22b



50° 00'N

117° 45'W

AREA OF PROPERTY
3290 HECTARES



George G. Addie P.Eng.

AMT RESOURCES LTD.

Tillicum Gold Project Mineral Deposit Location Map

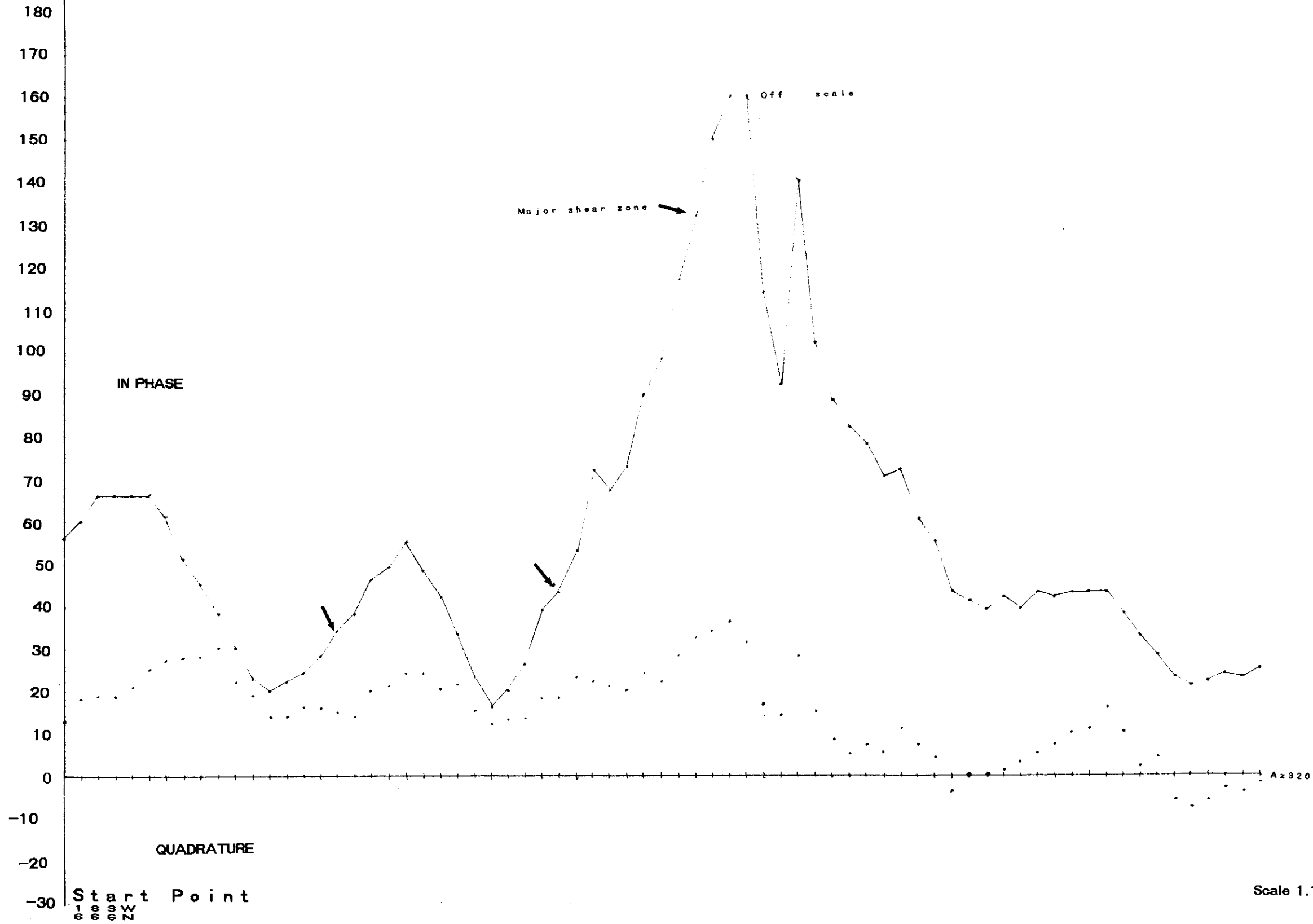
Date: Feb.25,1997

Fig.23

July 17

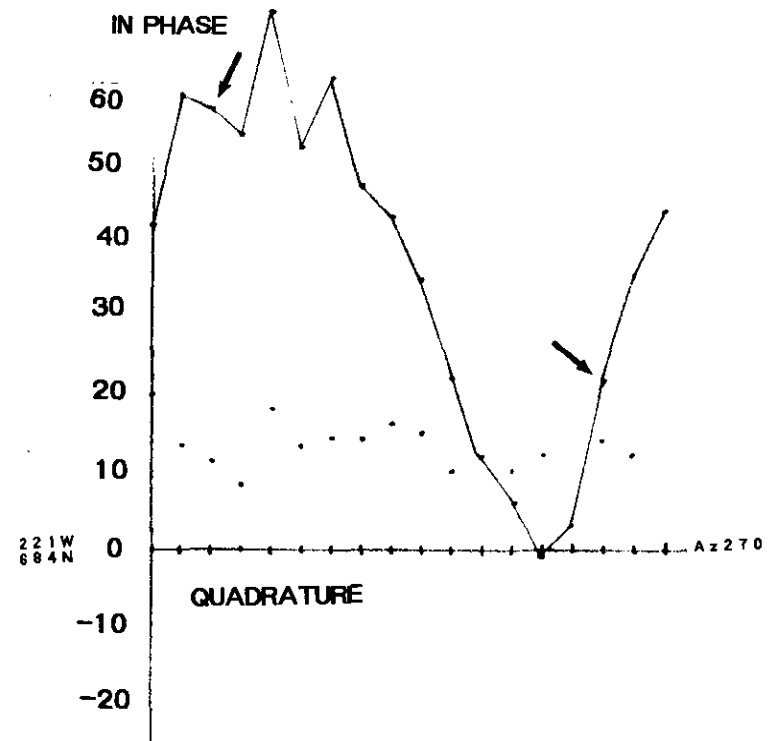
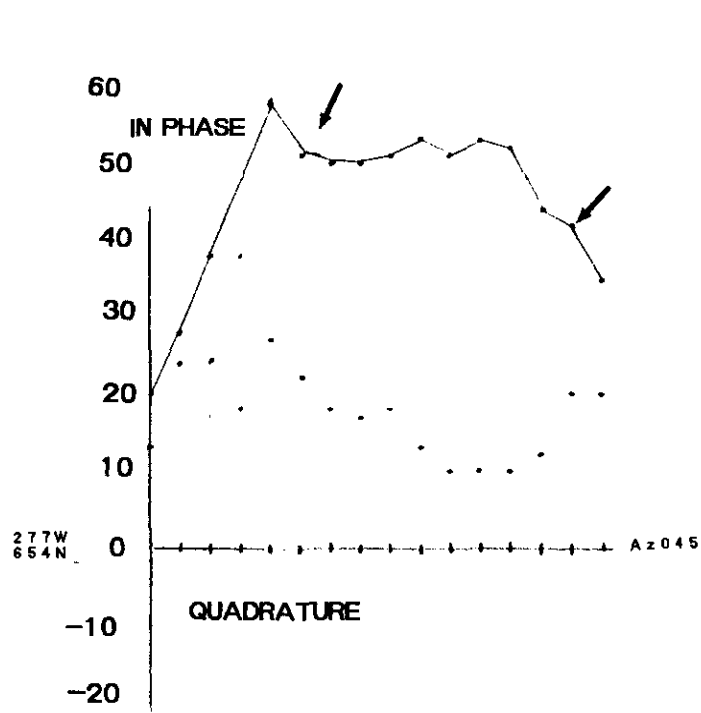
TILLICUM, B.C.

Fig 25



TILLICUM, B.C.

JULY 21

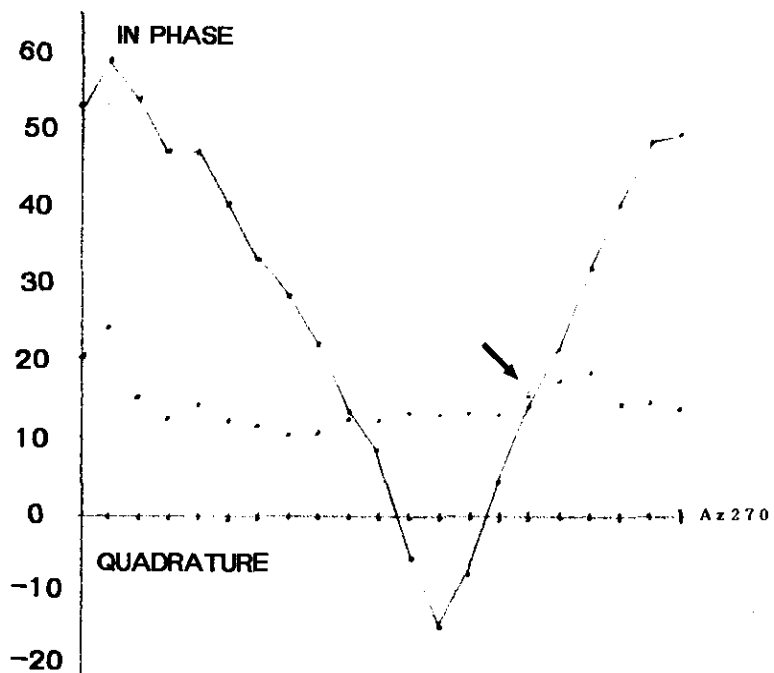


Scale 1.1250

JULY 21

TILlicUM, B.C.

Fig 27



Scale 1.1250

Start Point
224W
703N

Fig 28

TILLICUM, B.C.

JULY 21

60
50
40
30
20
10
0
-10
-20

IN PHASE

QUADRATURE

Start Point
711N
262W

Scale 1.1250

Az 070

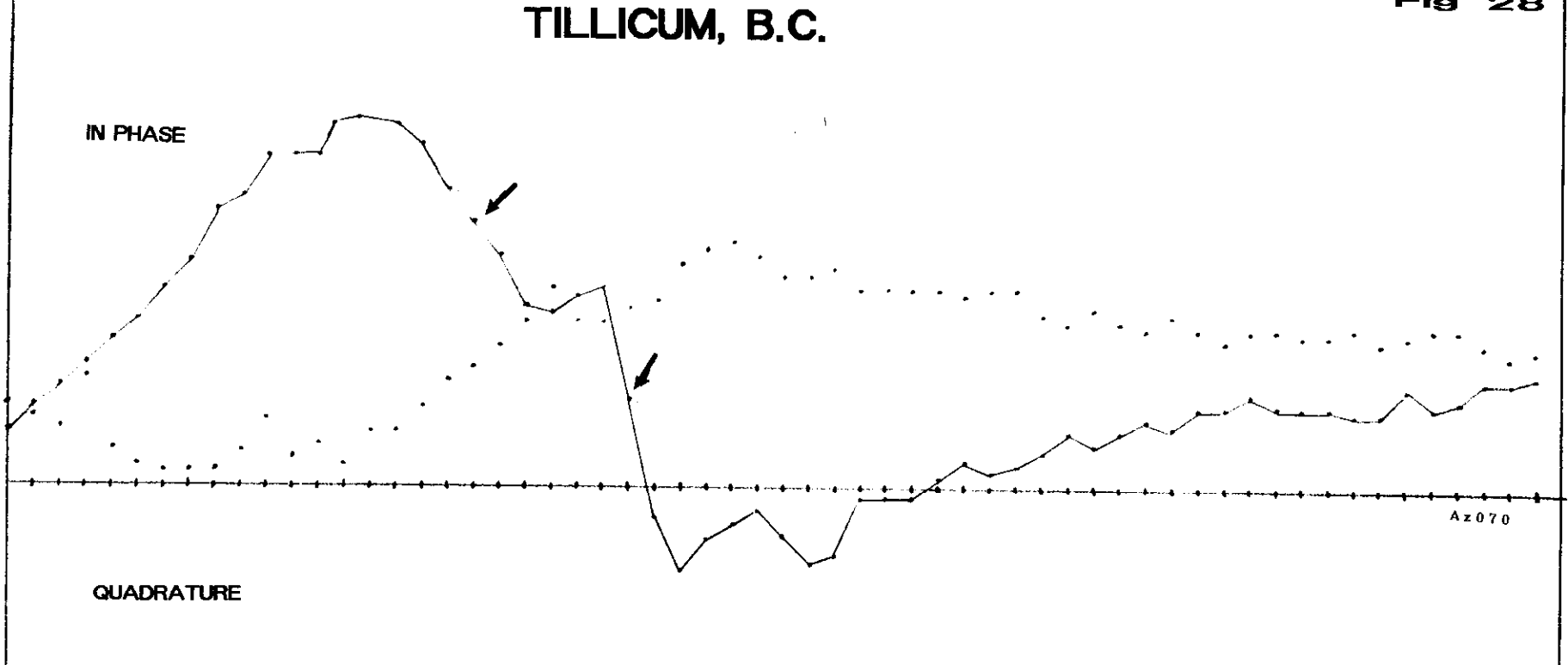
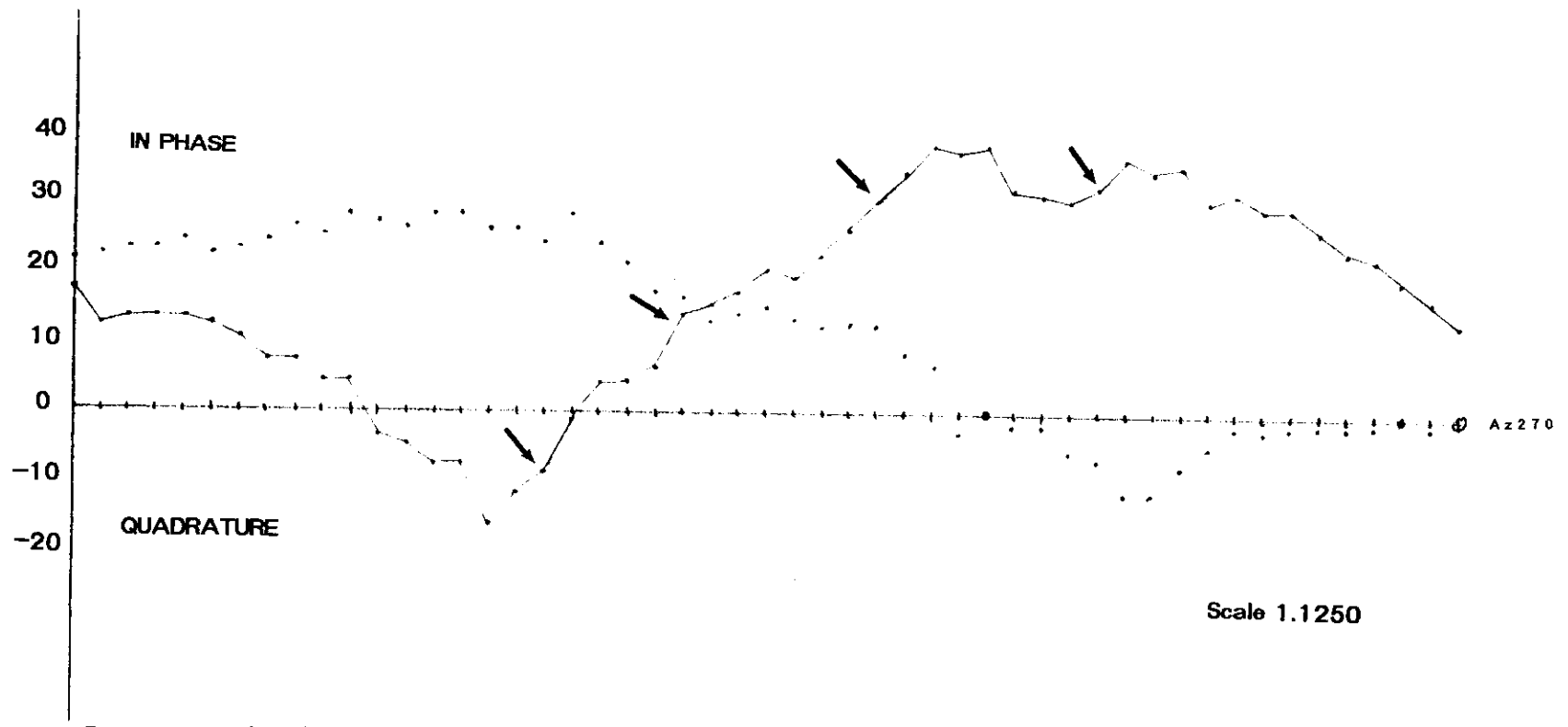


Fig 29

TILlicUM, B.C.

JULY 21



Start Point
161W
919N

TILLICUM, B.C.

July 21

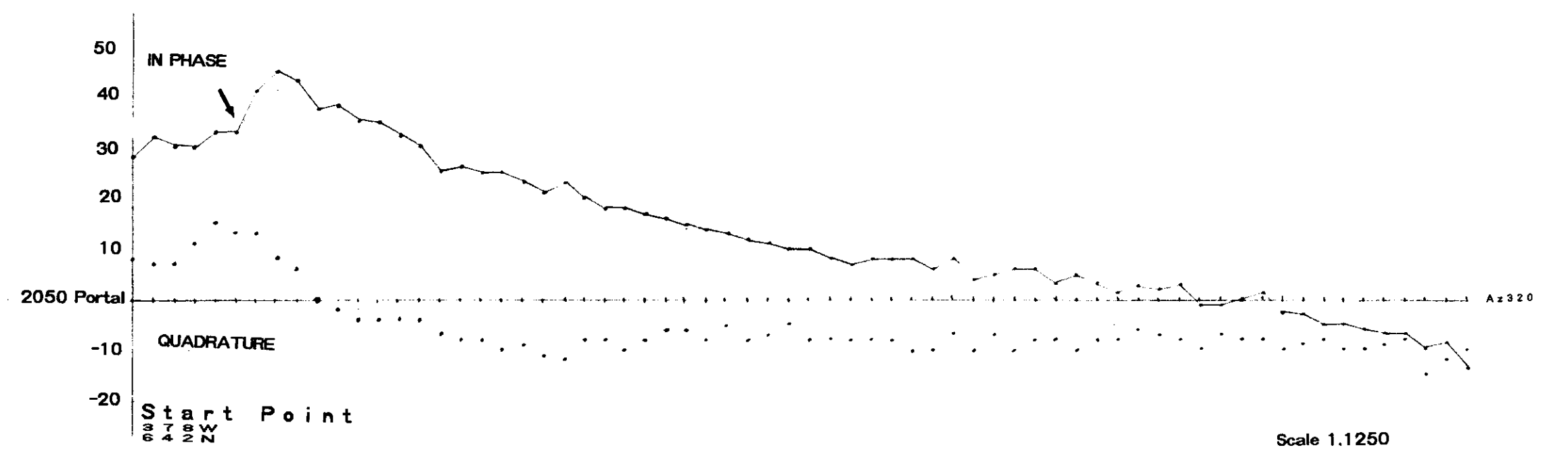
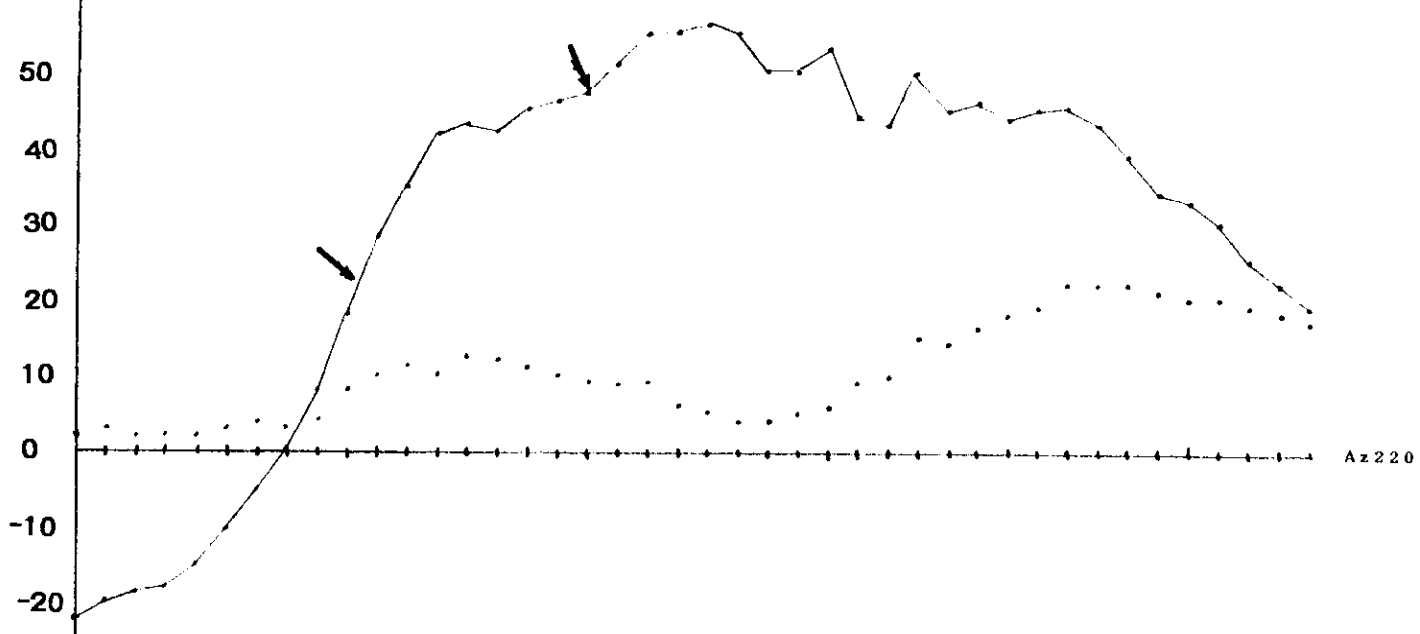


Fig 31

TILLICUM, B.C.

July 22

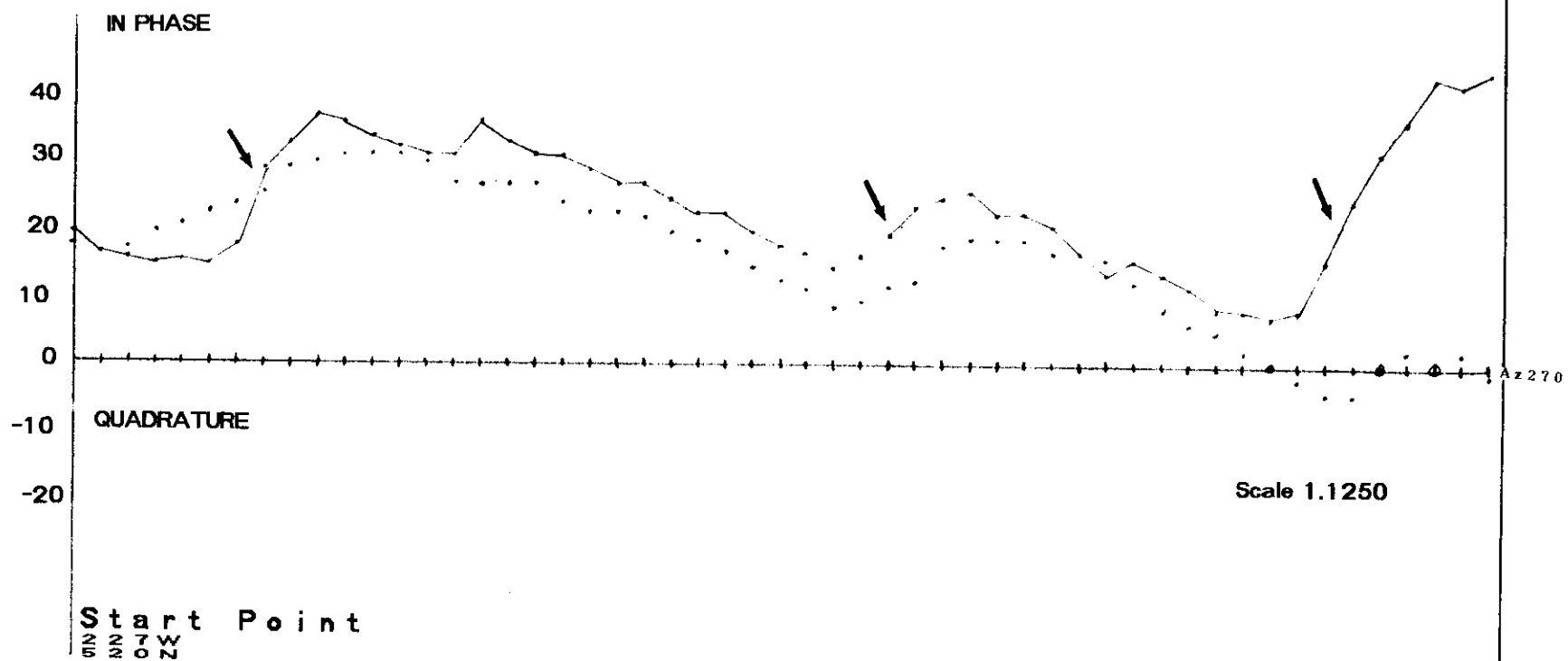


Start Point
130
6450N

Scale 1.1250

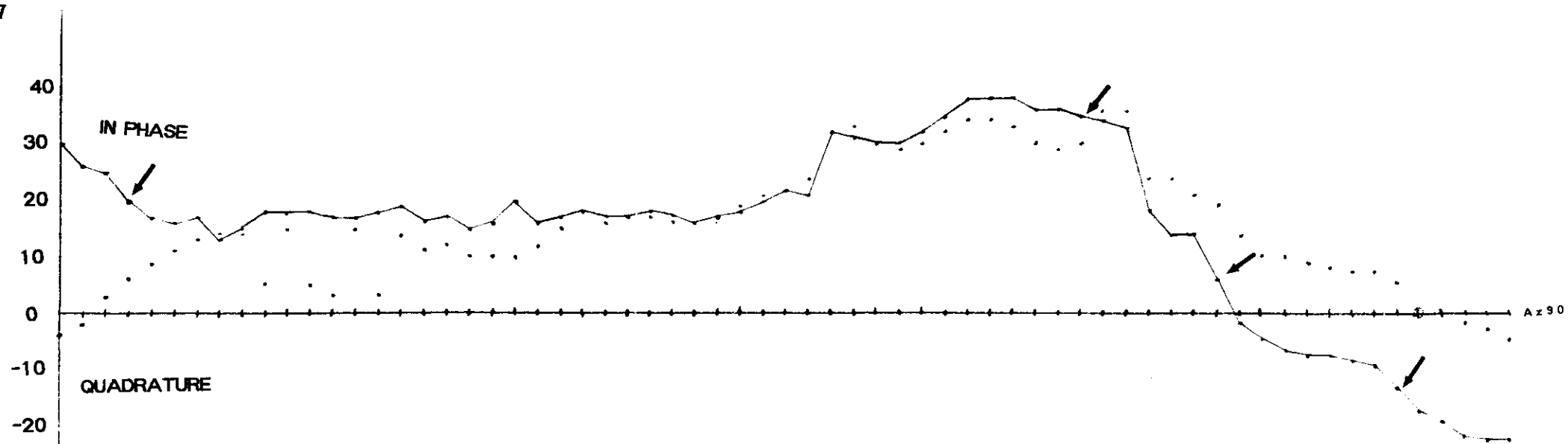
TILLICUM, B.C.

July 23



TILlicUM, B.C.

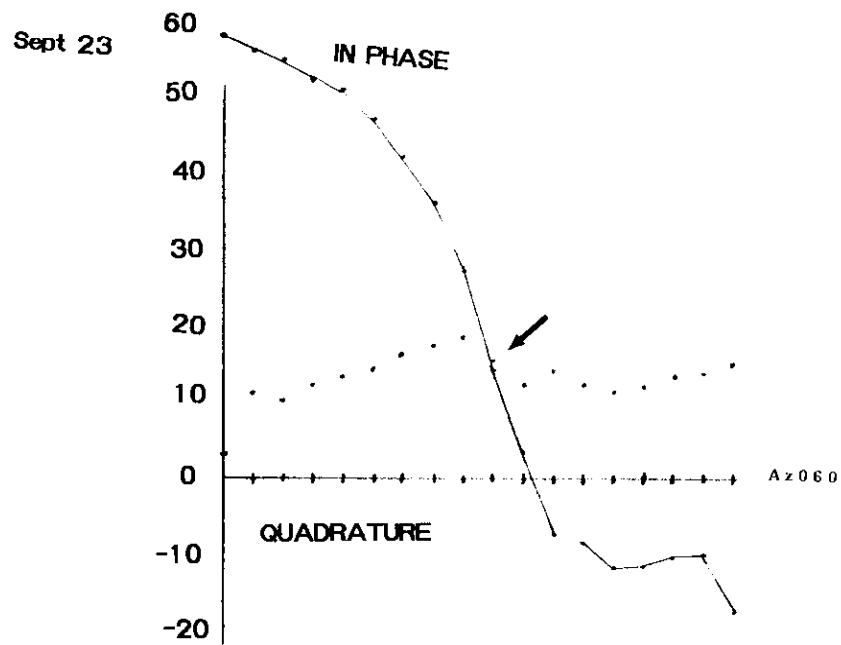
Aug 7



Start Point
441W
396N

Scale 1.1250

TILlicUM, B.C.



Start Point
183W
666N

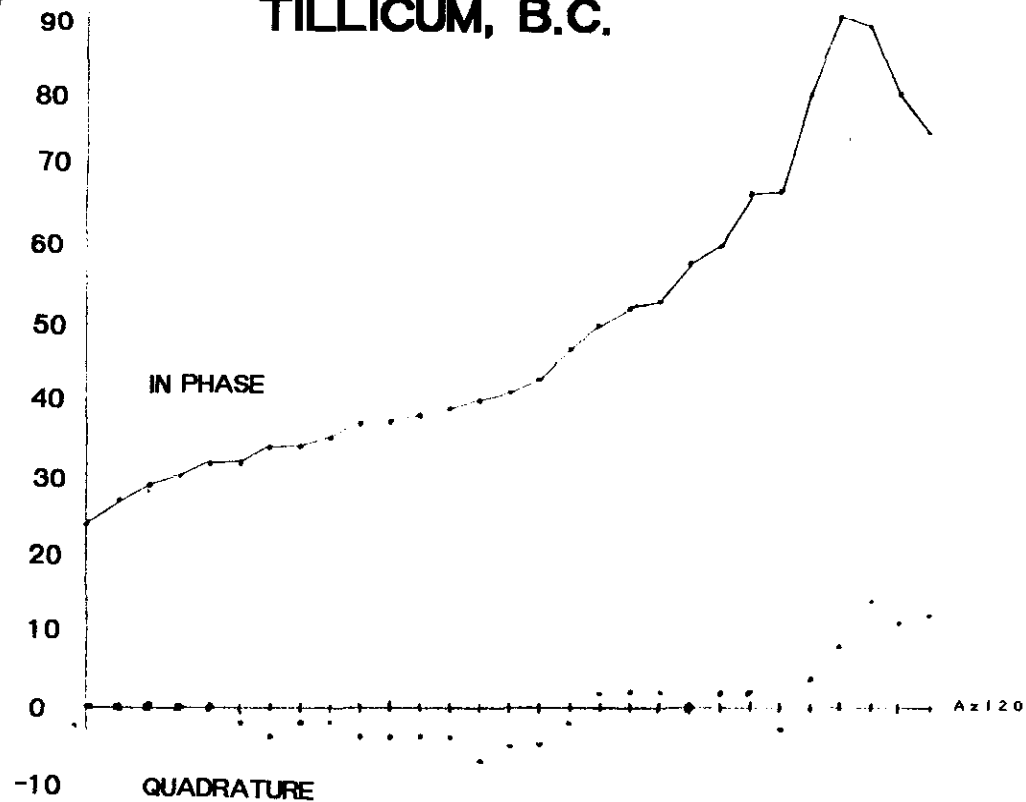
Scale 1.1250

Fig 34

Sept 24

TILLICUM, B.C.

Fig 35



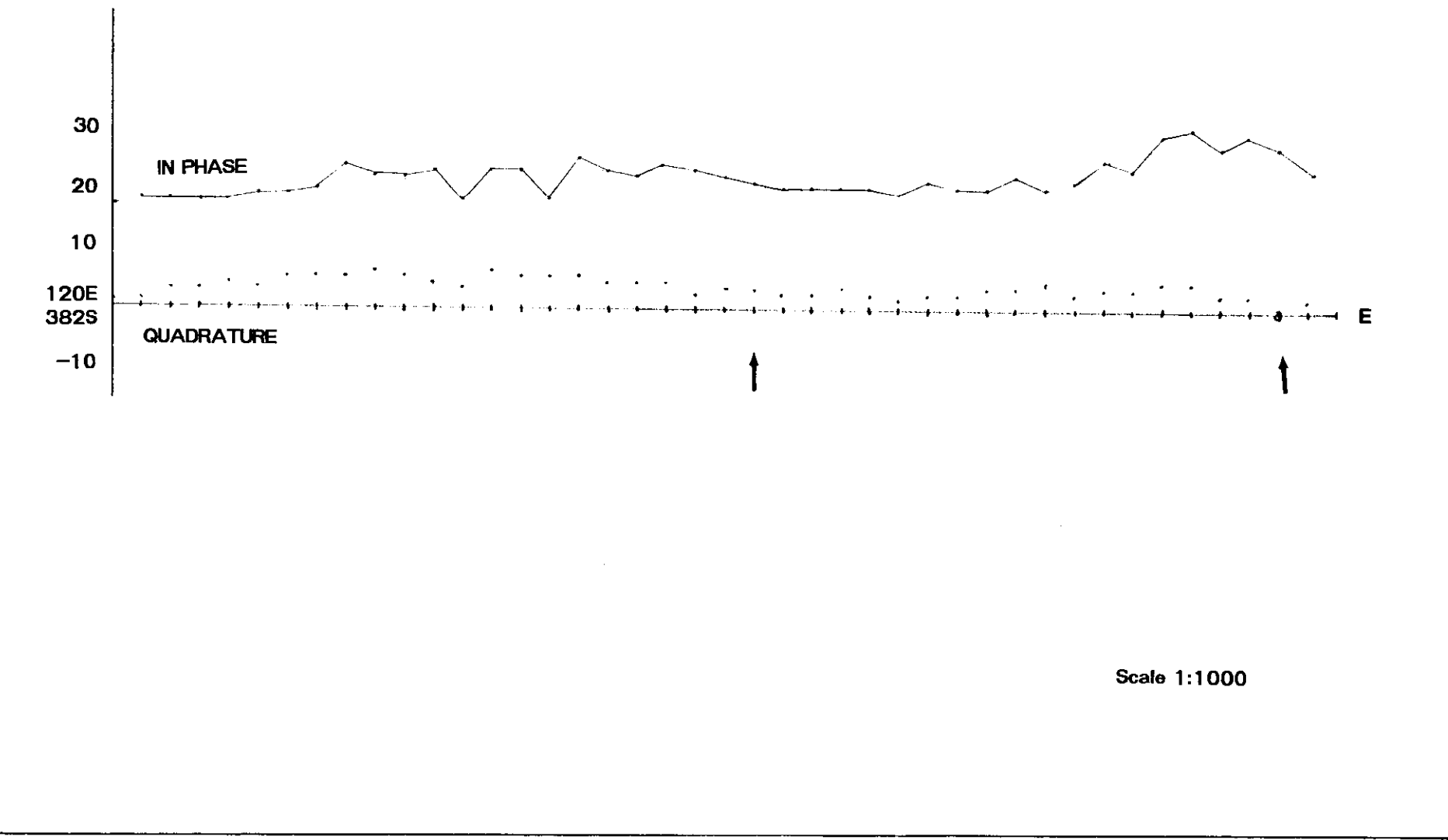
Scale 1.1250

Start Point
44 2 W
81 5 N

Fig 36

GRIZZLY ZONE

Aug 26

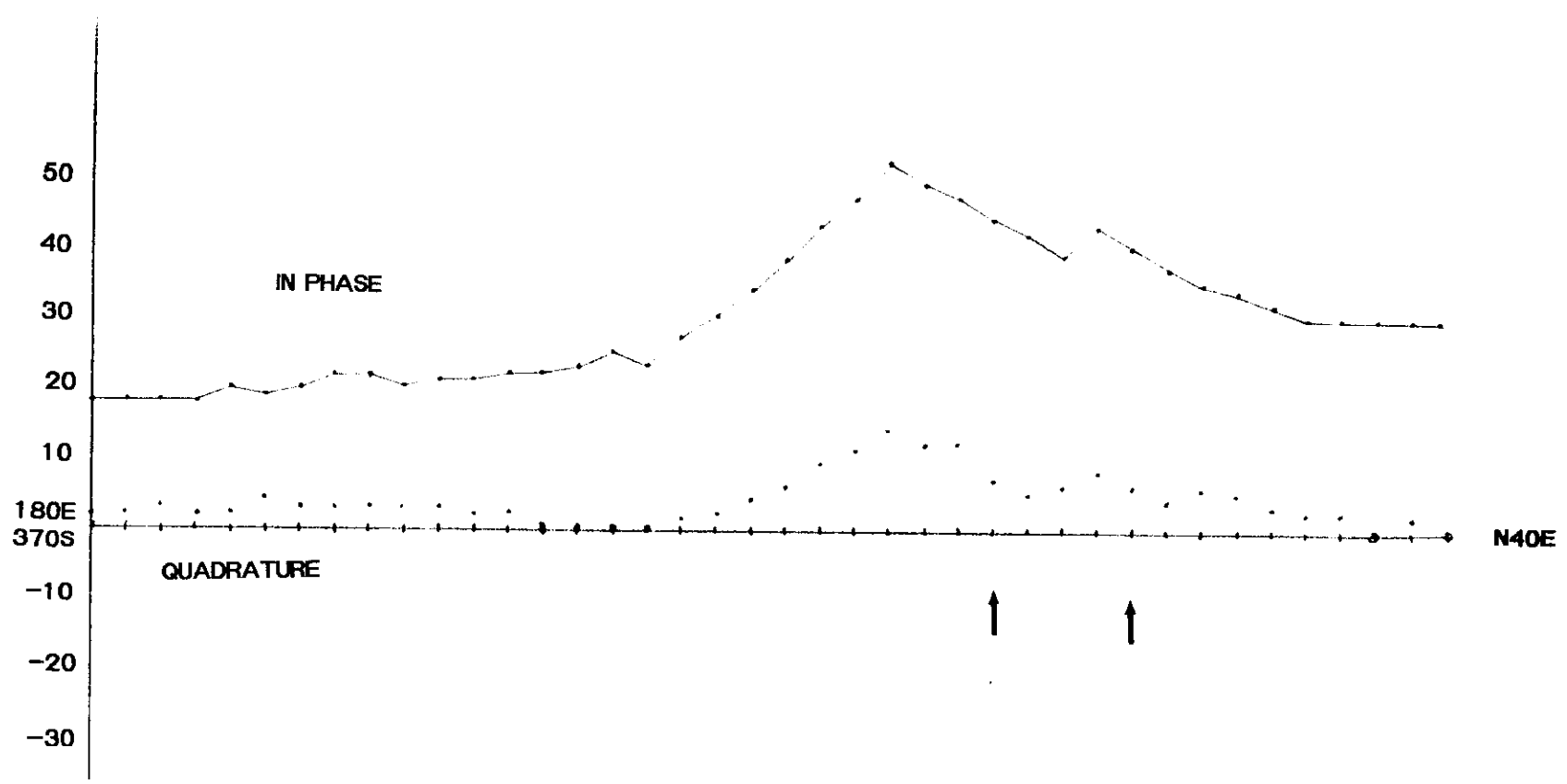


Scale 1:1000

Fig 37

GRIZZLY ZONE

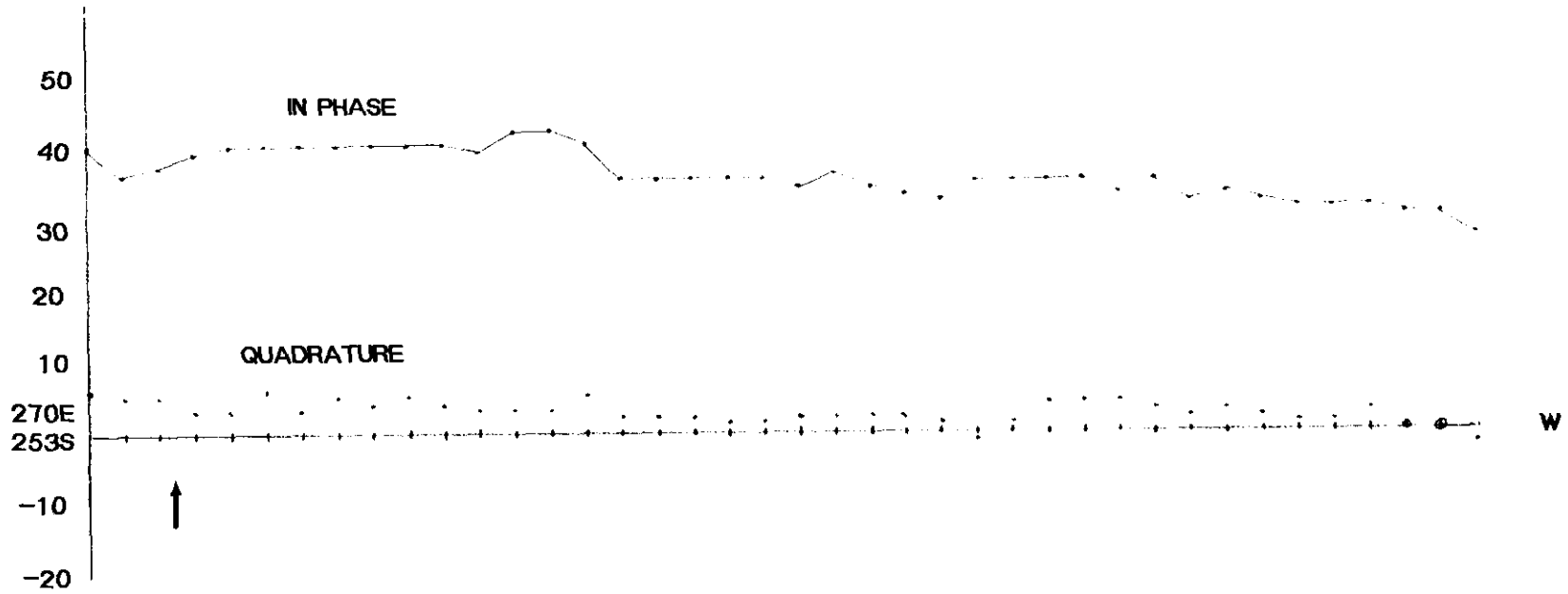
Aug 27



Scale 1:1000

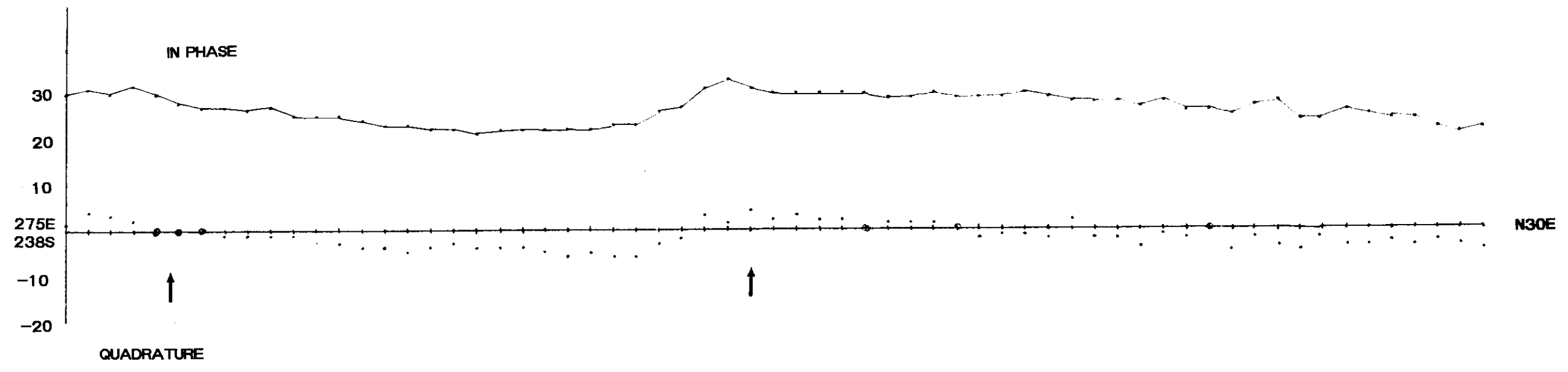
GRIZZLY ZONE

Aug 27



GRIZZLY ZONE

Aug 27

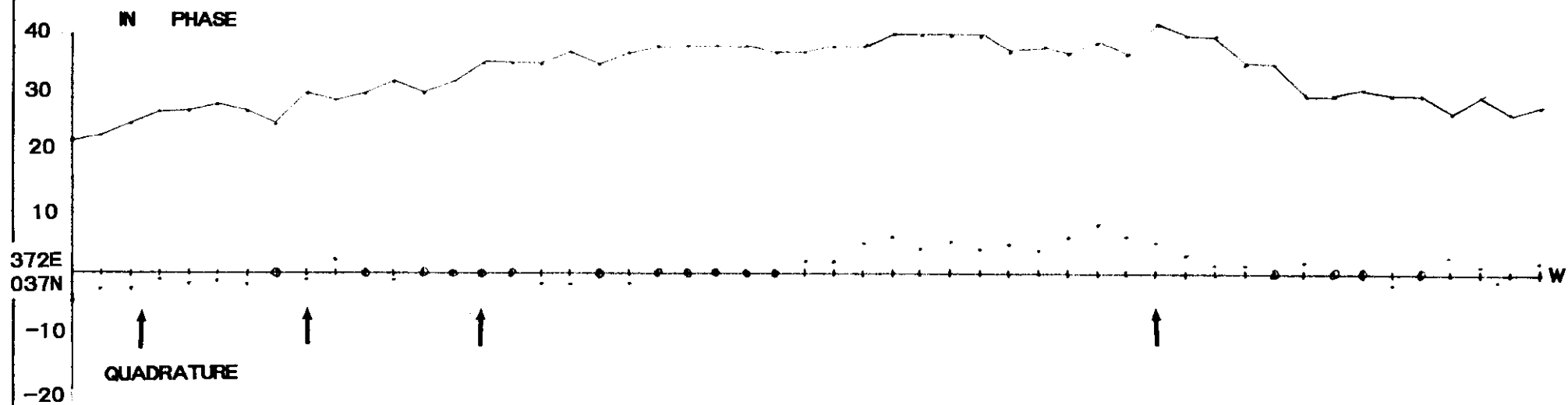


Scale 1:1000

Fig 40

GRIZZLY ZONE

Aug 27

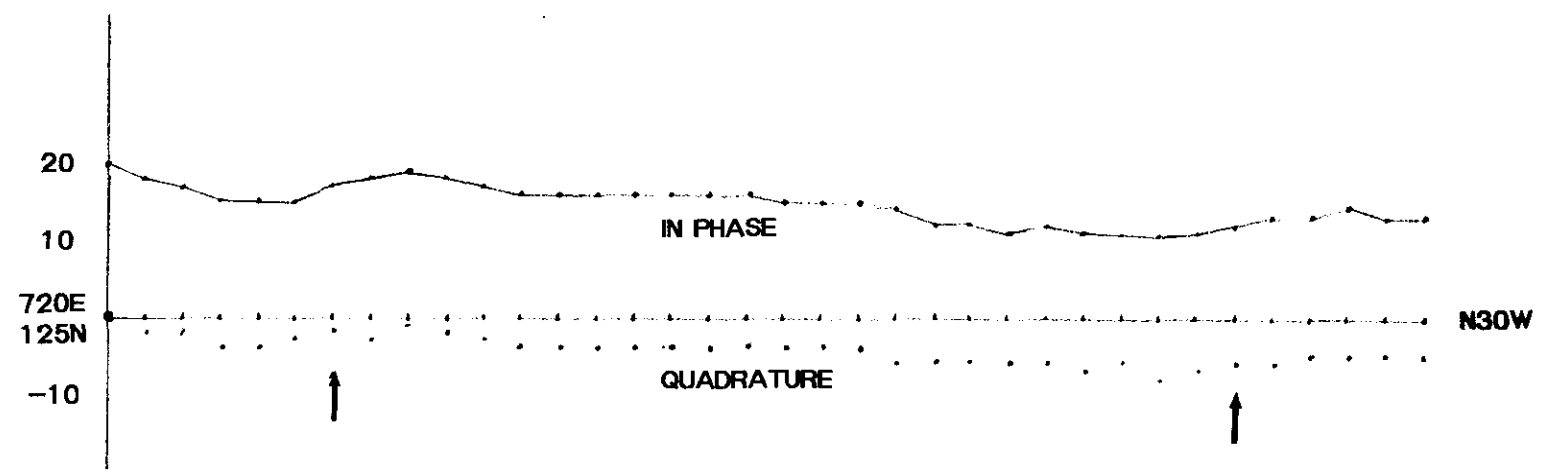


Scale 1:1000

Fig 41

GRIZZLY ZONE

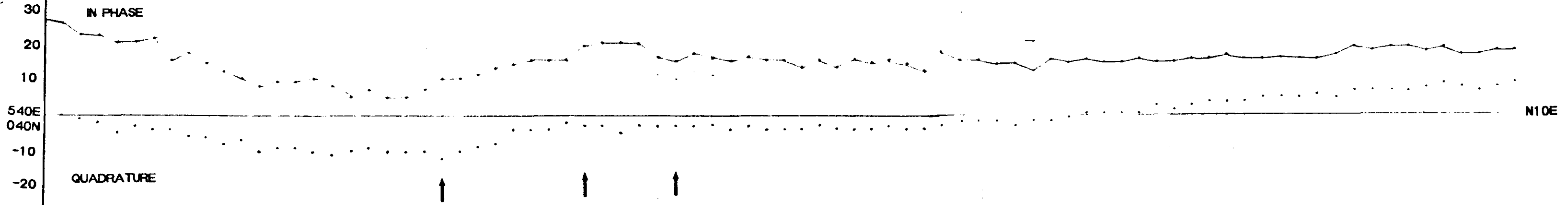
Sept 18



Scale 1:1000

GRIZZLY ZONE

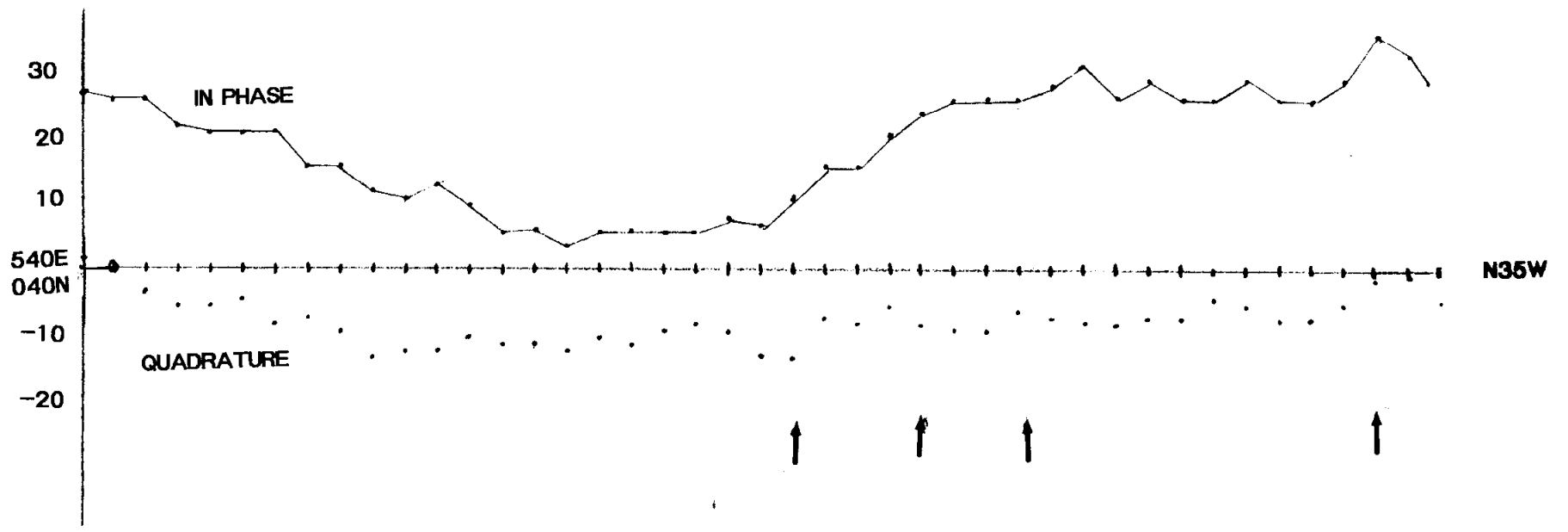
Sept 18



Scale 1:1000

GRIZZLY ZONE

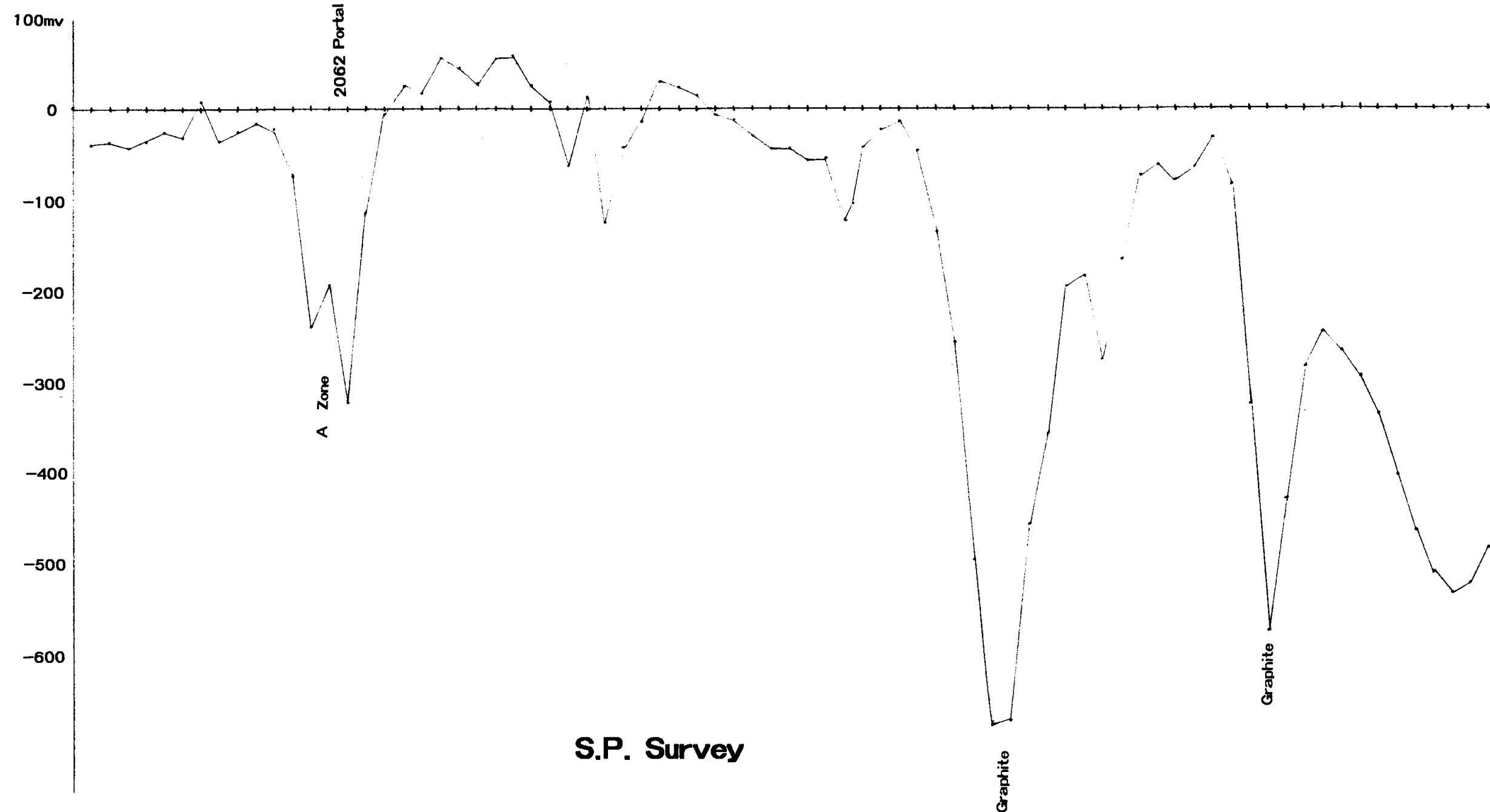
Sept 18



Scale 1:1000

TILLICUM, B.C.

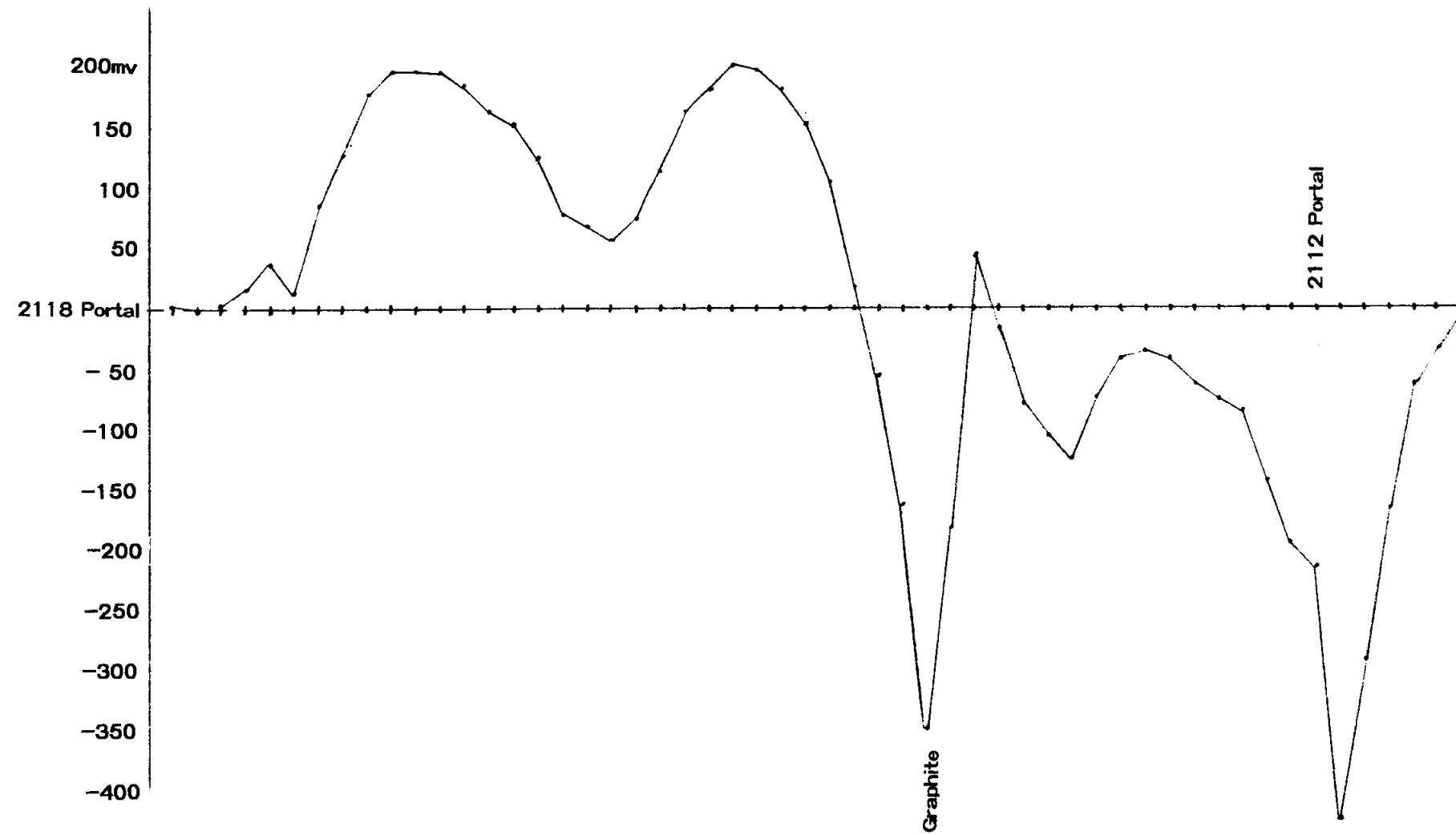
Fig 44



S.P. Survey

Scale 1:1250

TILLICUM, B.C.



S.P. Survey

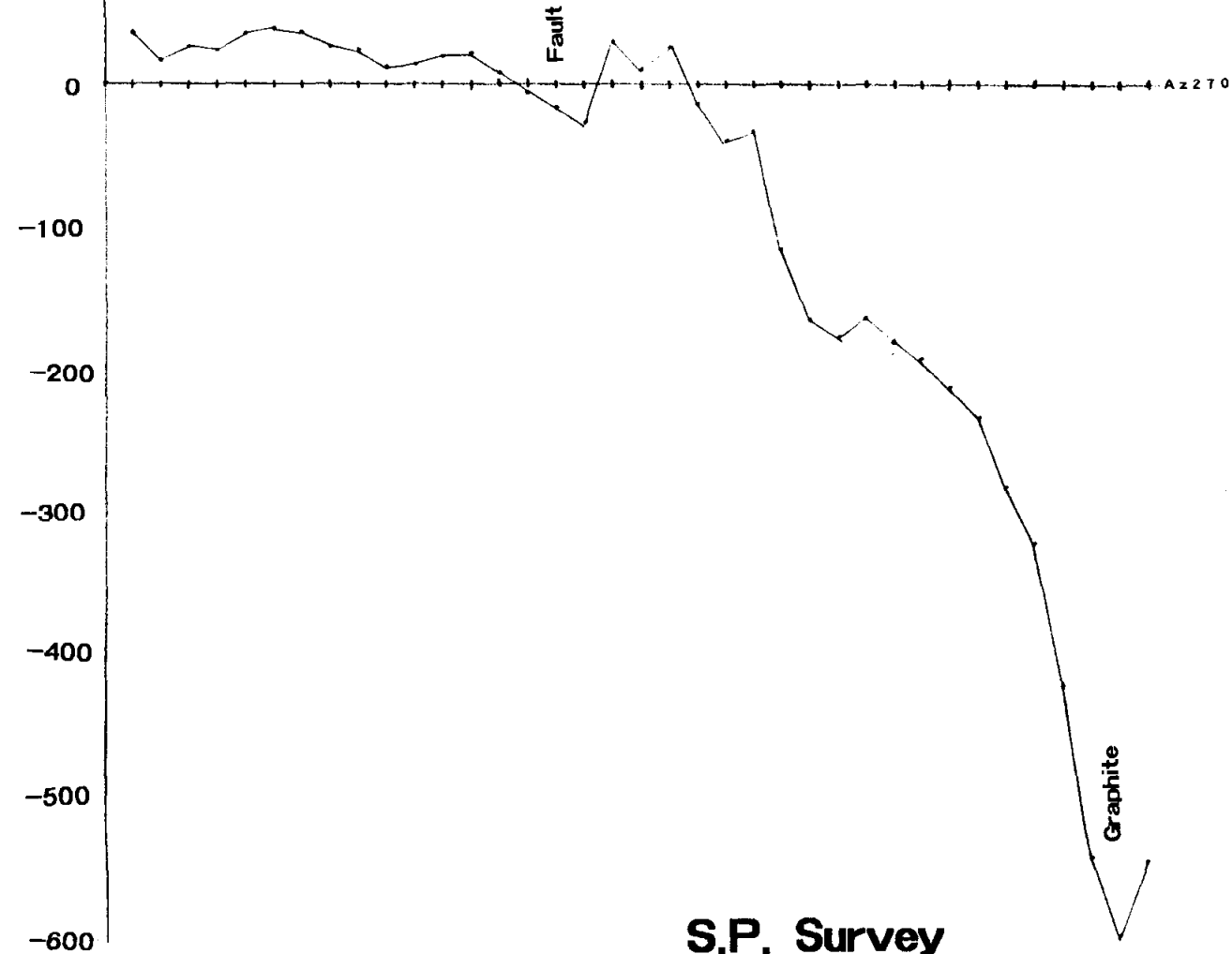
Scale 1:1250

Fig 46

TILlicUM, B.C.

636W
1120N

100mv



S.P. Survey

Scale 1:1250



APPENDIX C

ASSAYING
GEOCHEMISTRY
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ENVIRONMENTAL TESTING

004 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

Analytical Method Assessment for

GOLD ASSAY

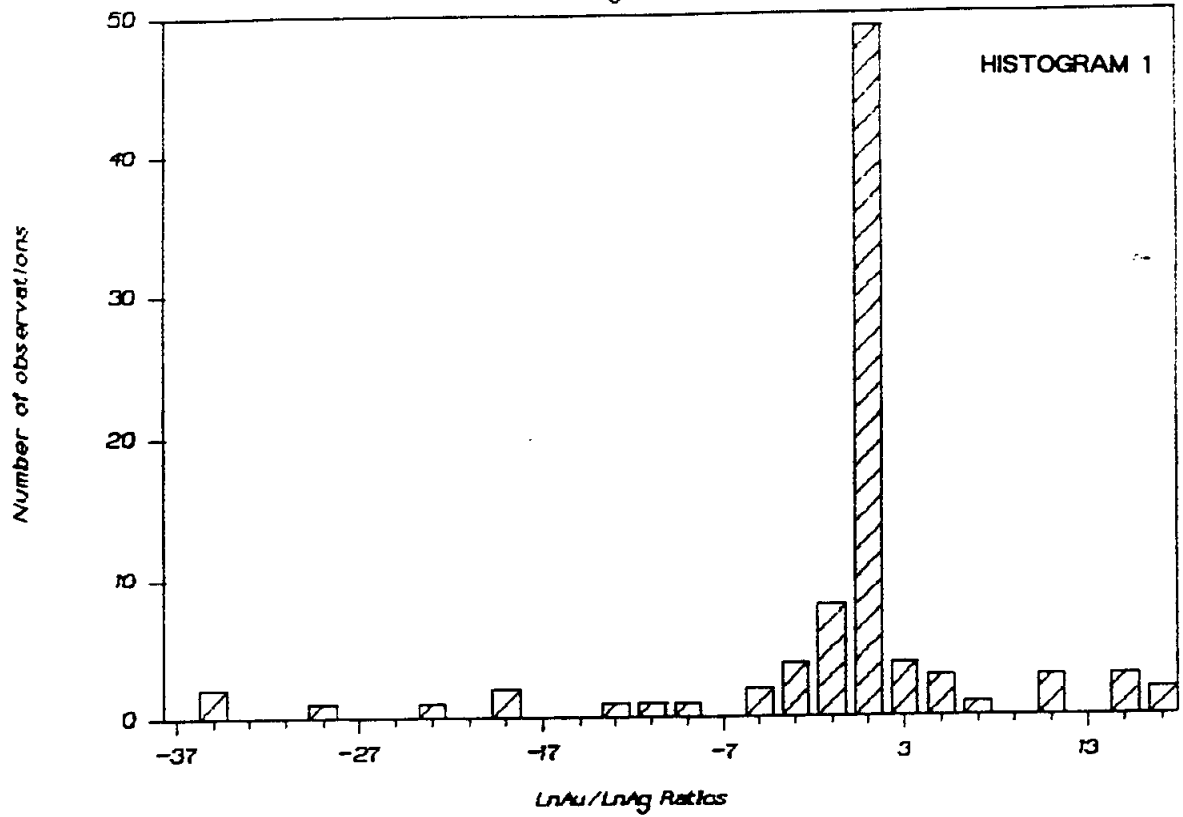
Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or rolls crusher to -10 mesh. The sample is split through a Jones riffle until a -250 gram subsample is achieved. The subsample is pulverized in a ring & puck pulverizer to 95% -140 mesh. The sample is rolled to homogenize.

A 1/2 or 1.0 A.T. sample size is fire assayed using appropriate fluxes. The resultant dore bead is parted and then digested with aqua regia and then analyzed on a Perkin Elmer AA instrument.

Appropriate standards and repeat sample (Quality Control components) accompany the samples on the data sheet.

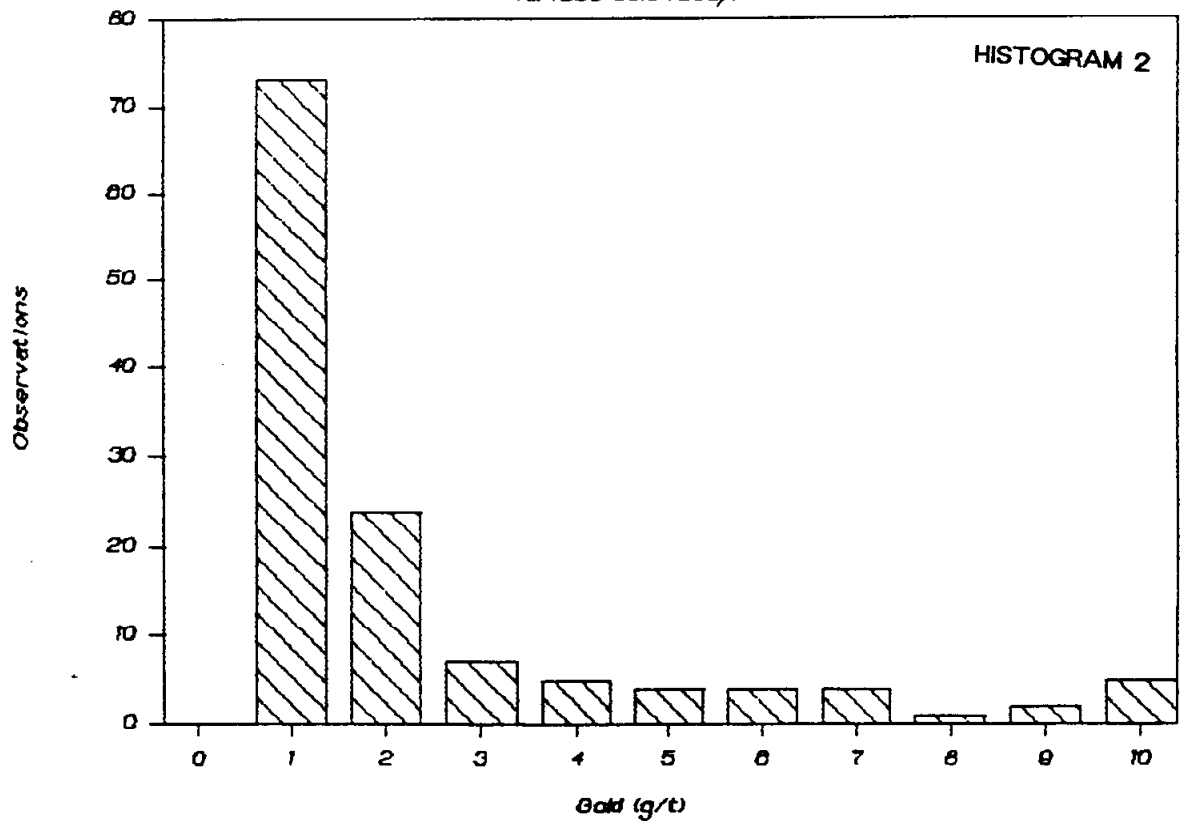
TILLICUM

Ln Au/Ln Ag Ratios. Total



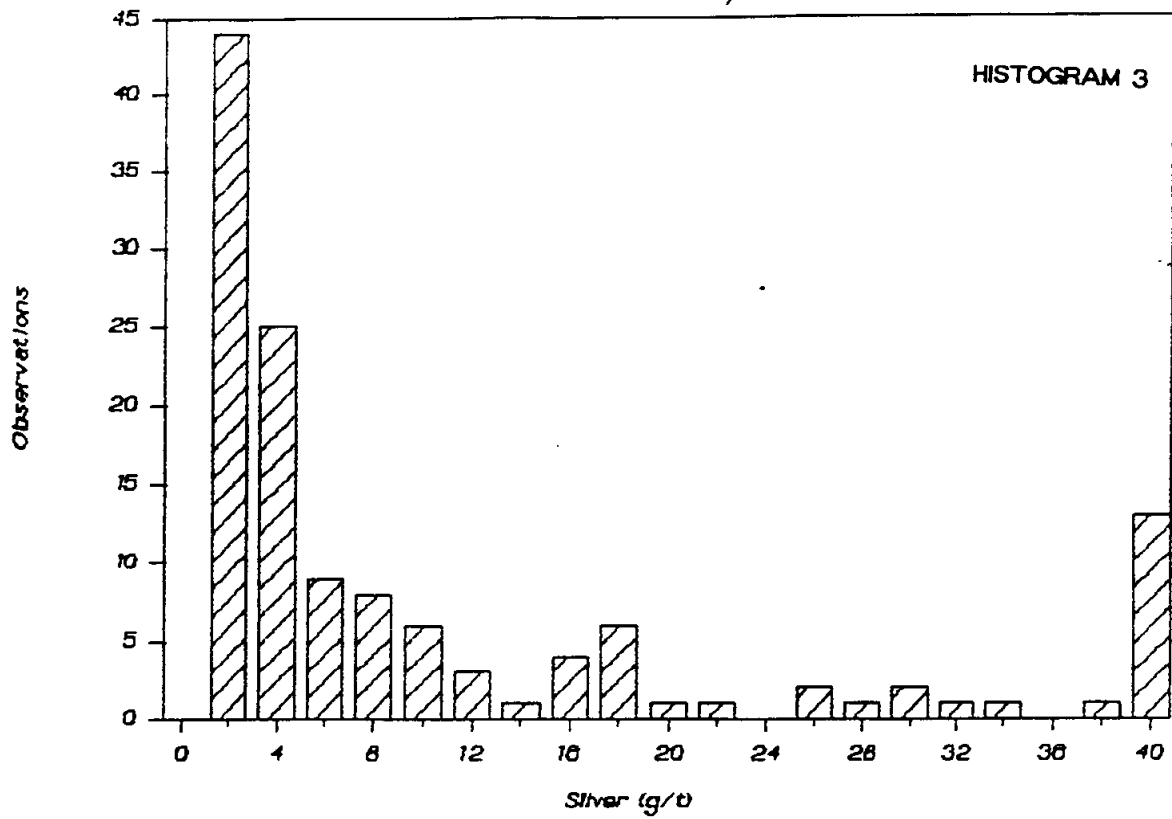
TILLICUM PROPERTY

All 1000 Gold Assays



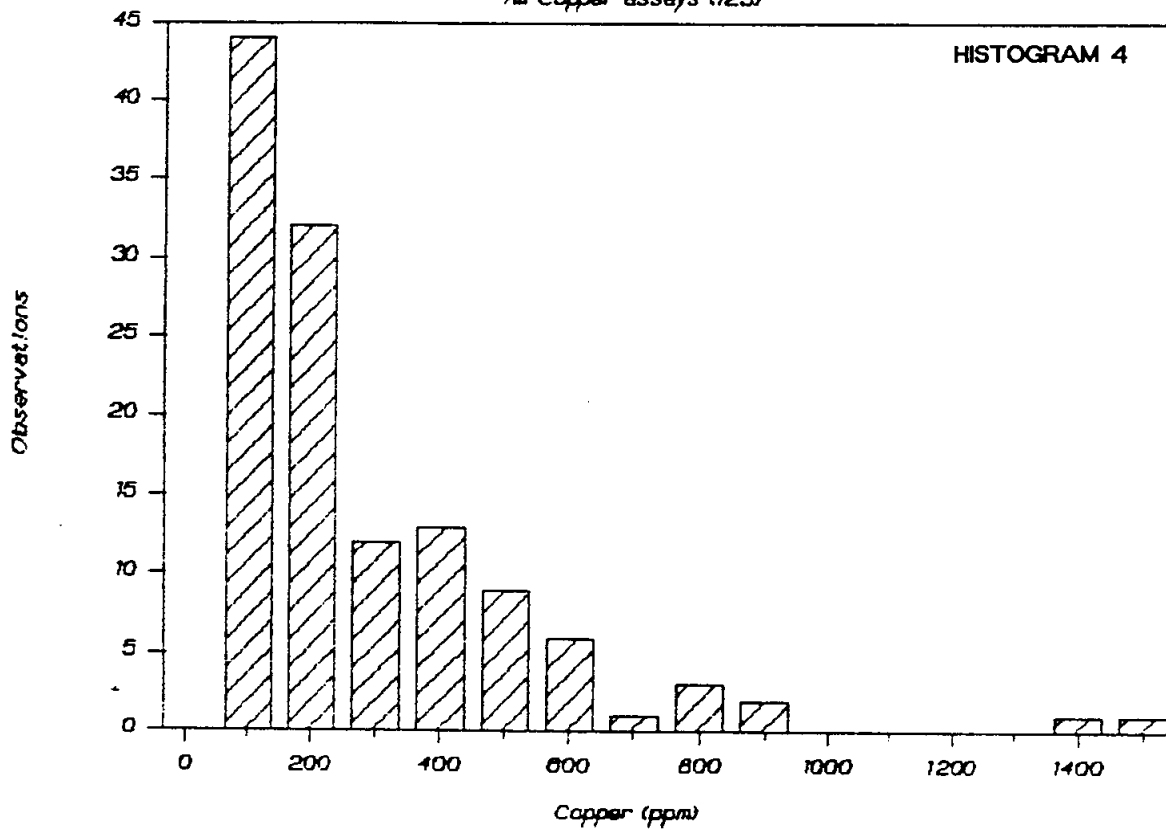
TILlicum PROPERTY

All 1990 Silver Assays



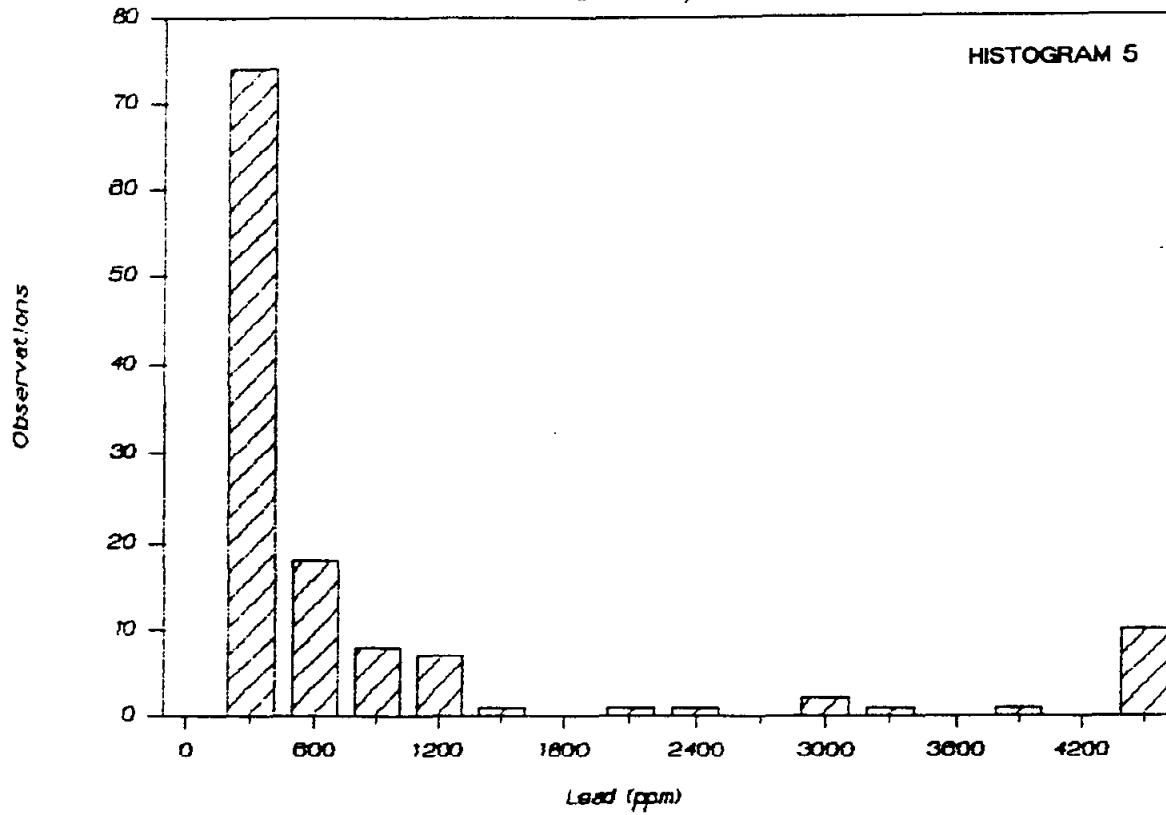
TILlicum PROPERTY

All Copper assays (125)



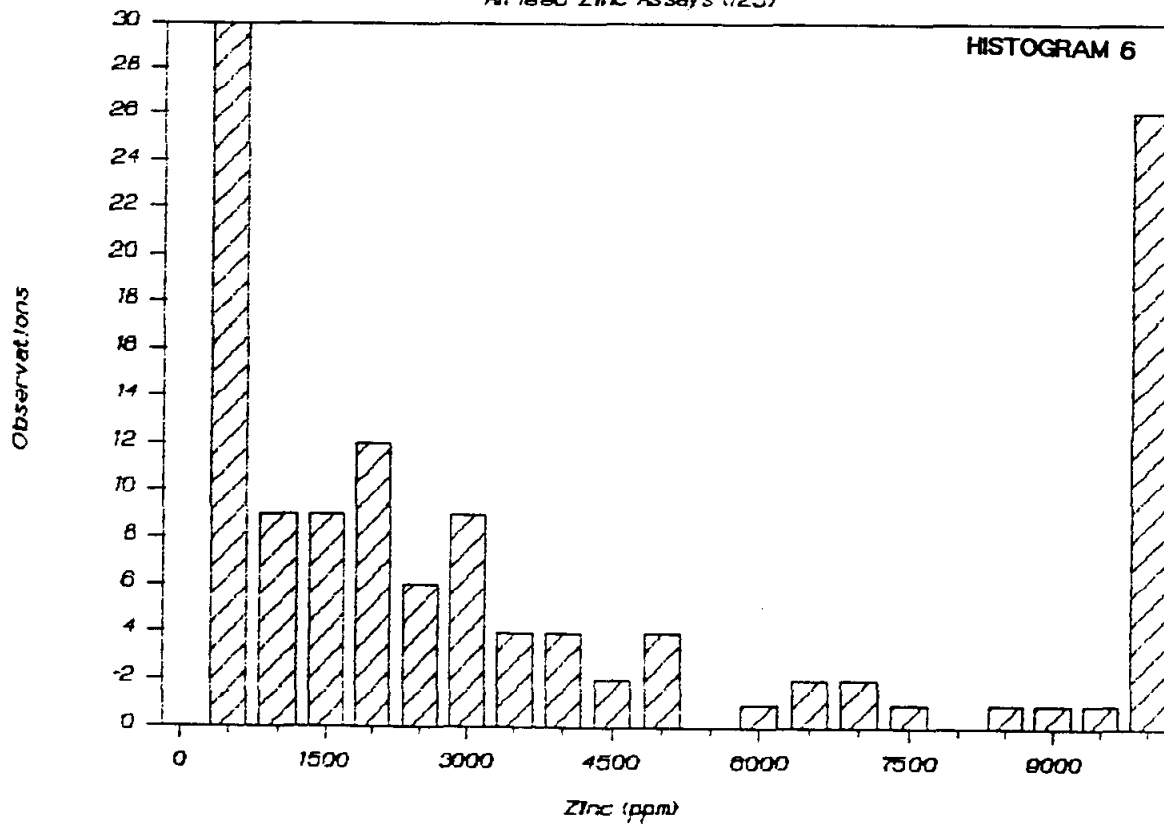
TILlicUM PROPERTY

All 1998 Lead Assays (125)



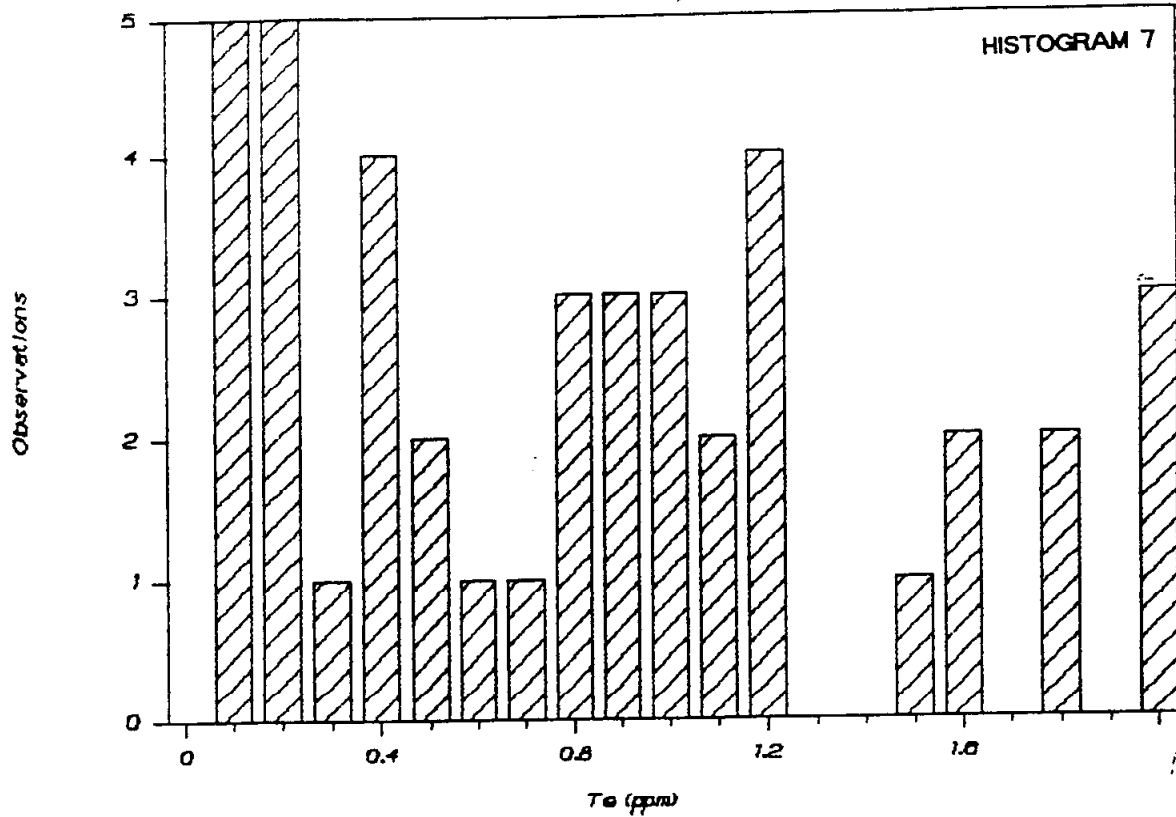
TILlicUM PROPERTY

All 1998 Zinc Assays (125)



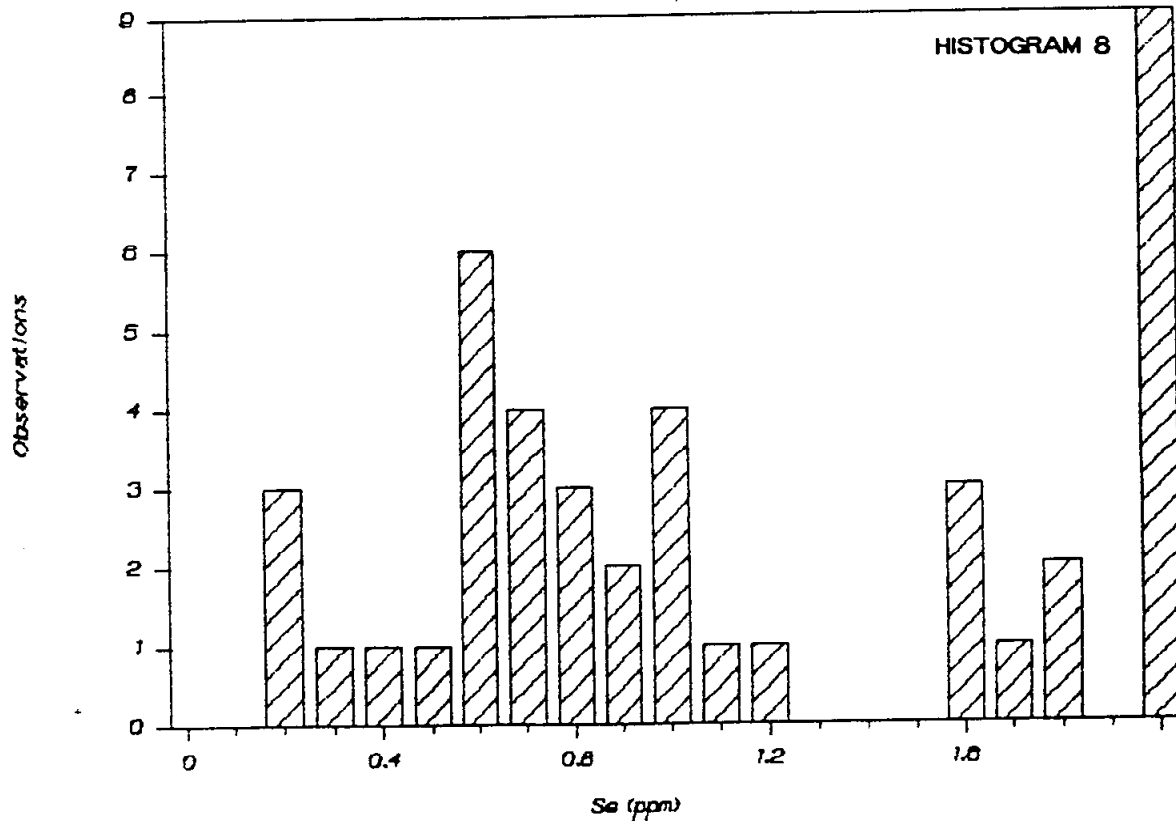
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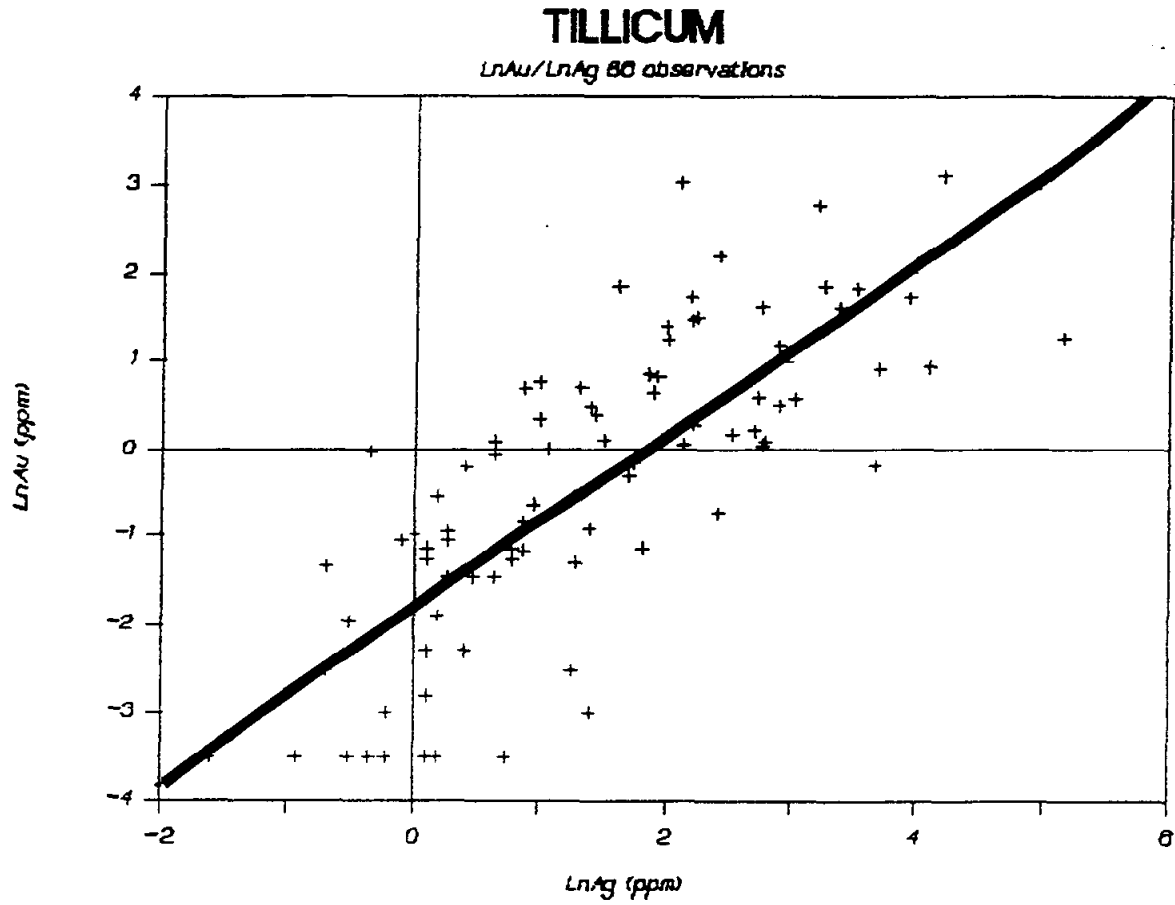
All 1990 Te Assays (42)



TILlicUM PROPERTY

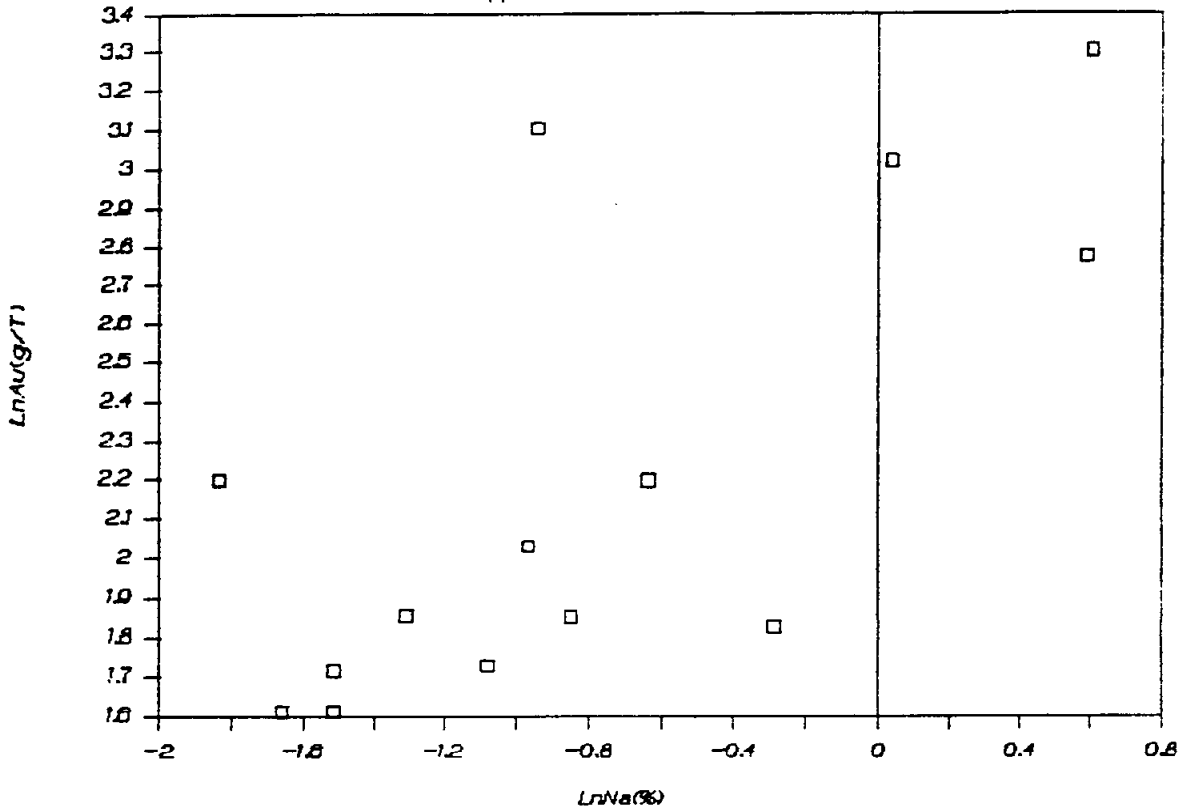
All 1990 Se Assays (42)

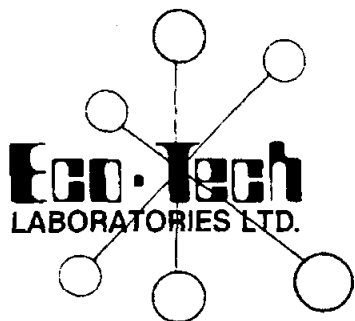




TILlicUM 1996

$\ln Au(\text{ppm}) / \ln Na(\%)$, 14 observations





APPENDIX C

ASSAYING
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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

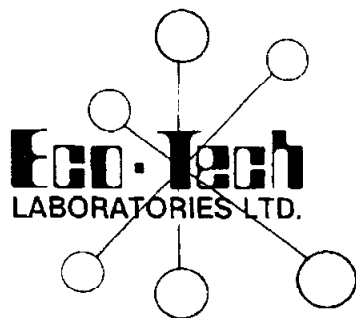
Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with aqua regia which contain beryllium which acts as an internal standard. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.



APPENDIX C

ASSAYING
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Fax (250) 573-4557

Analytical Procedure Assessment Report

Se, Te Analysis

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with aqua regia. The sample is analyzed on a Perkin Elmer sequential ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

APPENDIX C

Analytical Procedure Assessment Report

BASE METAL ASSAYS (Ag, Cu, Pb, Zn)

Samples are catalogued and dried. Rock samples are 2 stage crushed followed by pulverizing a 250 gram subsample. The subsample is rolled and homogenized and bagged in a prenumbered bag.

A suitable sample weight is digested with aqua regia. The sample is allowed to cool, bulked up to a suitable volume and analyzed by an atomic absorption instrument, to .01 ppm detection limit.

Appropriate certified reference materials accompany the samples through the process providing accurate quality control.

Result data is entered along with standards and repeat values and are faxed and/or mailed to the client.

APPENDIX C

ACME ANALYTICAL LABORATORIES LTD.

TELEFAX



852 E. Hastings St.
Vancouver, B.C.
CANADA V6A 1R6

Phone: (604) 253-3158
Fax: (604) 253-1716
Data: (604) 251-1011



Attention: *Phil Cash*

Date: Oct 22 1996

Company: AMT Resources Ltd.

Fax #: (604)265-4399

From:

Number of pages incl. this one: *3*

File 96-5232 follows.

*C.C. George Addie
Tax # 604-352-2832*

P.03 03

604 253 1716 TO 160403522802

OCT 23 '96 14:22 FR ACME LAPS

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716



ASSAY CERTIFICATE



AMT Resources Ltd. File # 96-5282

Box 174, Burton BC V0G 1E0 Submitted by: George G. Adde

SAMPLE#	Ag** oz/t	Au** oz/t
948-1 48201	1.57	.654
948-41 48238	.39	.277
948-57 48404	2.71	12.078
RE 948-57 48404	2.63	11.589

AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 - SAMPLE TYPE: ROCK PULP
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 11 1996 DATE REPORT MAILED: *Oct 23/96* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P. 02 00

604 253 1716 TO 16043522692

14:22 FR ACME LABS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VICOVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 493-1716



GEOCHEMICAL ANALYSIS CERTIFICATE



AMT Resources Ltd. File # 96-5232
Box 174, Burton BC V0G 1S0 Submitted by: George G. Addie

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Ni	Ba	Ti	Al	Na	K	H	Zr	Sn	Y	Nb	Be	Sc	Se	Te		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
948-1 48201	4	474	5307	8189	65.4	30	29	3396	13.44	12	<10	31	<2	295	108.5	24	27	213	3.95	086	10	88	2.16	332	.38	7.88	50	3.07	16	3	2	19	<2	1	19	2.9	.4		
948-41 48238	2	265	4048	2816	11.7	78	37	4437	7.81	23	<10	6	2	478	22.3	11	<5	251	6.56	189	12	205	4.99	1208	.46	6.88	72	2.19	<4	8	<2	20	<2	2	35	6.8	.4		
948-57 48404	4	92	972	2061	100.2	29	24	4430	7.18	20	<10	427	2	409	25.5	11	<5	245	10.48	.117	11	118	3.42	616	.43	7.74	20	1.25	4	8	<2	24	<2	2	31	.6	.6		
RE 948-57 48404	4	92	976	2063	87.7	30	24	4465	7.28	21	<10	350	2	413	26.2	6	<5	247	10.62	.119	11	121	3.46	623	.42	7.84	91	1.28	<4	9	<2	24	<2	2	31	.8	<2		

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HClO4-HNO3-HCl-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HClO4 FUMING.

- SAMPLE TYPE: ROCK PULP SE & TE ANALYSIS BY HYDRIDE ICP. Samples beginning 'RE' are reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 11 1996 DATE REPORT MAILED: Oct 23/96 SIGNED BY: *Chung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



**ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-948

Wrong date

**AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7**

30-Aug-96

ATTENTION: P.CASH

Post-It™ Fax Note	7871E	Date	Aug 30 1996
To	P. Cash	From	
Co./Dept.		Co.	
Phone #		Phone #	ICP will
Fax #	265-4399	Fax #	Follow shortly

No. of samples received: 63
Sample type: CORE
PROJECT #: BURTON
SHIPMENT #: NONE GIVEN
Samples submitted by: P.CASH

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	48201	22.25	0.649	66.9	1.95	-	-
2	48202	8.98	0.262	26.2	0.76	-	-
3	48203	0.48	0.014	11.2	0.33	-	-
4	48204	3.97	0.116	7.3	0.21	-	-
5	48205	4.29	0.125	9.0	0.26	-	-
6	48206	9.00	0.262	11.1	0.32	-	-
7	48207	1.07	0.031	6.4	0.25	-	-
8	48208	6.37	0.186	5.0	0.15	-	-
9	48209	1.12	0.033	4.5	0.13	-	-
10	48209B	1.33	0.039	9.1	0.27	-	-
11	48210	0.83	0.024	39.0	1.14	-	-
12	48211	3.51	0.102	173.2	5.05	2.11	-
13	48210B	1.76	0.051	20.5	0.60	-	-
14	48211	6.38	0.186	25.8	0.75	-	-
15	48212	1.06	0.031	15.7	0.45	-	-
16	48213	1.48	0.043	4.2	0.12	-	-
17	48214	1.89	0.055	6.6	0.19	-	-
18	48215	1.19	0.035	12.4	0.36	-	-
19	48216	0.27	0.008	3.6	0.11	-	-
20	48217	1.11	0.032	1.9	0.06	-	-
21	48218	2.27	0.066	6.8	0.20	-	-

[Signature]
ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

Wing

AMT RESOURCES AK 95-848

30-Aug-96

ET #	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
22	48219	2.33	0.068	6.4	0.19	-	-
23	48220	4.46	0.130	9.3	0.27	-	-
24	48221	0.53	0.015	2.6	0.08	-	-
25	48222	2.00	0.058	3.7	0.11	-	-
26	48223	27.15	0.792	31.1	0.91	-	-
27	48224	15.95	0.465	24.4	0.71	-	-
28	48225	0.35	0.010	0.9	0.03	-	-
29	48226	1.24	0.036	14.7	0.43	-	-
30	48227	2.51	0.073	60.4	1.76	-	-
31	48228	1.79	0.052	15.2	0.44	-	-
32	48229	0.28	0.008	1.0	0.03	-	-
33	48230	3.43	0.100	7.4	0.22	-	1.70
34	48231	5.01	0.146	15.4	0.45	-	-
35	48232	5.02	0.146	17.3	0.51	-	1.08
36	48233	5.58	0.162	51.3	1.50	1.40	1.72
37	48234	<.03	<.001	0.7	0.02	-	-
38	48235	2.12	0.062	2.7	0.08	-	-
39	48236	0.95	0.028	1.9	0.06	-	-
40	48237	0.86	0.025	5.7	0.17	-	-
41	48238	6.91	0.202	11.8	0.34	-	-
42	48239	6.22	0.181	33.4	0.97	-	-
43	48240	0.08	0.002	0.5	0.02	-	-
44	48241	<.03	<.001	1.1	0.03	-	-
45	48242	0.03	0.001	0.8	0.02	-	-
46	48243	0.10	0.003	1.5	0.04	-	-
47	48244	0.15	0.004	1.2	0.04	-	-
48	48245	0.23	0.007	1.9	0.06	-	-
49	48246	0.31	0.009	2.4	0.07	-	-
50	48247	0.35	0.010	1.3	0.04	-	-
51	48248	0.58	0.017	1.2	0.04	-	-
52	48249	0.39	0.011	1.3	0.04	-	-
53	48250	1.99	0.058	2.4	0.07	-	-
54	48401	0.14	0.004	0.6	0.02	-	-
55	48402	20.46	0.597	8.1	0.24	-	-
56	48403	0.82	0.024	1.5	0.04	-	-
57	48404	415.00	12.103	114.6	3.34	-	-
58	48405	1.40	0.041	2.7	0.08	-	-
59	48406	2.46	0.072	40.2	1.17	-	-
60	48407	0.23	0.007	1.3	0.04	-	-
61	48408	0.40	0.012	4.0	0.12	-	-
62	48409	0.73	0.021	5.5	0.16	-	-
63	4807B	1.64	0.048	18.0	0.53	-	-

Frank J. Pezzotti
 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

AMT RESOURCES AK 96-048

30-Aug-96

ET #	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
QC/DATA:							
Resplit:							
1	48201	20.85	0.602	61.3	1.79	-	-
36	48234	5.11	0.149	44.2	1.29	1.18	1.55
Repeat:							
1	48201	19.05	0.558	50.8	1.48	-	-
10	48209B	3.19	0.093	5.9	0.17	-	-
19	48217	0.24	0.007	3.6	0.11	-	-
36	48234	6.30	0.184	64.7	1.89	-	-
45	48243	<.03	<.001	0.9	0.03	-	-
54	48401	1.00	0.028	0.8	0.02	-	-
Standard:							
STD-M		3.30	0.096	1.2	0.04	-	-
STD-M		3.30	0.096	1.4	0.04	-	-
CPb-1		-	-	632.0	18.43	-	4.42
CPb-1		-	-	630.0	18.37	-	-

AMT 96-048 MISC 7

Frank J. Pezzotti
ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

001

30-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-948

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

Phone: 604-573-5700
Fax : 604-573-4557

ATTENTION: P.CASH

No. of samples received: 63
Sample type: CORE
PROJECT #: BURTON
SHIPMENT #: NONE GIVEN
Samples submitted by: P.CA

Values in ppm unless otherwise reported

Et #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V
1	48201	>30	4.27	35	50	<5	3.18	115	37	51	523	>10	<10	1.57	1405	3	0.17	22	960	4540	<5	<20	152	0.16	<10	150
2	48202	27.8	5.09	25	40	<5	4.00	58	22	74	430	7.76	<10	1.12	1052	2	0.25	13	1260	1964	<5	<20	218	0.16	<10	140
3	48203	12.8	3.63	<5	175	<5	3.75	68	28	53	354	8.89	<10	1.42	1409	1	0.28	15	1540	1176	<5	<20	173	0.20	<10	164
4	48204	9.2	2.99	2040	35	<5	2.31	44	19	65	388	9.35	<10	1.02	853	7	0.09	13	1040	322	<5	<20	86	0.10	<10	80
5	48205	10.0	2.22	10000	40	<5	1.65	<1	22	96	234	6.38	<10	0.76	654	27	0.03	25	1120	322	<5	<20	50	0.05	<10	76
6	48206	12.2	2.92	10000	45	<5	1.68	9	54	80	345	>10	<10	1.63	1141	17	0.03	20	910	426	<5	<20	60	0.10	<10	174
7	48207	9.4	3.93	4130	45	<5	2.50	<1	21	106	269	7.04	<10	2.07	1300	9	0.05	18	1260	342	<5	<20	82	0.18	<10	209
8	48208	7.0	1.72	3325	40	<5	2.02	<1	17	86	345	7.95	<10	0.97	919	10	0.03	18	1060	258	<5	<20	41	0.08	<10	91
9	48209	5.8	3.93	2020	45	<5	2.34	<1	20	78	482	9.18	<10	2.03	1529	8	0.05	20	1120	244	<5	<20	84	0.18	<10	192
10	48209B	7.4	3.33	1630	45	<5	1.82	16	24	76	588	>10	<10	1.82	1474	10	0.04	25	1020	284	<5	<20	69	0.14	<10	164
11	48210	>30	4.28	860	80	<5	2.91	97	18	107	330	8.98	<10	1.43	1283	10	0.06	20	1030	4676	20	<20	190	0.11	<10	118
12	48211	>30	3.68	1075	50	<5	2.51	148	20	86	374	9.58	<10	1.45	1458	8	0.06	21	1090	10000	185	<20	142	0.11	<10	128
13	48210B	22.4	3.68	2915	30	<5	3.35	104	17	81	392	7.81	<10	1.75	1669	8	0.12	16	1260	1024	<5	<20	102	0.13	<10	179
14	48211	>30	1.04	2480	75	<5	1.72	195	40	58	1460	>10	<10	0.65	1388	24	0.01	52	260	920	<5	<20	22	0.05	<10	93
15	48212	20.0	1.67	3415	75	<5	1.48	208	41	74	1377	>10	<10	0.88	1551	24	0.05	49	550	772	<5	<20	43	0.06	<10	183
16	48213	5.2	5.82	1055	25	<5	4.51	70	17	100	415	8.08	<10	2.30	1660	11	0.14	18	2000	190	<5	<20	226	0.16	<10	208
17	48214	9.0	3.91	3270	40	<5	2.73	3	21	97	498	>10	<10	1.71	1320	13	0.12	24	1480	350	<5	<20	141	0.13	<10	182
18	48215	16.2	4.27	10000	25	<5	4.87	<1	81	90	421	>10	<10	1.39	1003	25	0.10	20	1610	560	<5	<20	154	0.07	<10	235
19	48216	5.0	5.19	745	20	<5	4.08	49	17	81	387	7.45	<10	1.50	1043	21	0.24	19	1640	198	<5	<20	182	0.15	<10	234
20	48217	2.8	3.42	570	40	<5	2.18	30	18	89	210	7.85	<10	2.46	1415	6	0.14	18	1700	180	<5	<20	77	0.23	<10	207
21	48218	10.0	1.51	915	55	<5	1.68	157	23	84	863	>10	<10	1.50	1708	20	0.01	34	870	290	<5	<20	21	0.08	<10	135
22	48219	8.4	1.02	805	200	<5	3.22	16	17	128	476	>10	<10	1.04	1388	20	0.01	30	840	354	<5	<20	75	0.10	<10	208
23	48220	10.8	4.76	1925	50	<5	3.36	1	19	107	457	8.27	<10	1.75	1526	35	0.20	22	1520	464	25	<20	149	0.14	<10	374
24	48221	3.0	2.12	45	25	<5	1.88	3	11	82	126	4.78	<10	1.17	659	<1	0.15	4	1790	232	<5	<20	62	0.17	<10	84
25	48222	4.8	1.48	90	30	<5	3.45	47	14	66	167	6.73	<10	1.10	1406	3	0.09	4	1440	356	<5	<20	46	0.16	<10	44

ECO-TECH KAM.

604 573 4557

15:28

08/30/96

002

AMT RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 98-948

ECI

Et#.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U
26	48223	>30	1.36	90	25	25	2.37	10	12	71	98	4.86	<10	0.95	1116	<1	0.06	6	1670	2238	<5	<20	44	0.17	<10
27	48224	27.8	1.32	50	25	10	1.67	5	11	53	91	4.75	<10	1.02	907	<1	0.05	2	1750	1924	<5	<20	32	0.17	<10
28	48225	1.8	1.17	10	25	<5	0.98	80	10	63	249	7.52	<10	0.85	892	3	0.02	8	1680	74	<5	<20	16	0.07	<10
29	48226	19.2	1.33	6100	70	<5	2.05	96	31	50	739	>10	<10	0.68	1301	13	0.05	38	1120	632	<5	<20	54	0.07	<10
30	48227	>30	1.60	6125	50	<5	2.05	57	26	80	599	>10	<10	0.27	795	18	0.06	27	1000	2712	20	<20	60	0.06	<10
31	48228	18.2	2.55	3155	55	<5	2.50	1	22	134	515	8.42	<10	1.36	1274	31	0.08	21	1570	792	<5	<20	147	0.13	<10
32	48229	2.0	6.03	4495	40	<5	4.29	<1	30	110	183	6.81	<10	1.47	1070	<1	0.19	24	1640	172	<5	<20	247	0.17	<10
33	48230	8.4	4.79	45	60	<5	4.90	356	10	68	353	6.56	<10	0.97	1327	<1	0.12	12	1180	440	<5	<20	223	0.15	<10
34	48231	18.2	3.81	3915	60	<5	2.24	78	28	98	325	>10	<10	1.55	1078	8	0.12	27	1260	464	<5	<20	91	0.15	<10
35	48232	20.8	4.01	10000	70	<5	2.15	89	56	103	493	>10	<10	1.75	1332	11	0.12	35	1000	858	<5	<20	107	0.13	<10
36	48233	>30	1.82	55	55	<5	6.11	216	29	74	548	8.87	<10	1.81	1876	<1	<0.01	22	1000	10000	<5	<20	56	0.09	<10
37	48234	1.0	1.85	35	20	<5	>10	9	12	115	84	3.36	10	1.84	1242	88	0.02	97	1020	168	10	<20	319	0.03	<10
38	48235	2.0	1.39	1865	45	<5	3.04	30	13	70	114	5.00	<10	0.75	1037	6	0.01	7	1420	126	<5	<20	41	0.08	<10
39	48236	1.8	2.66	540	45	5	9.04	31	17	65	98	6.46	<10	1.89	2104	4	<0.01	12	1710	74	<5	<20	124	0.09	<10
40	48237	6.2	2.91	495	60	<5	6.96	23	38	200	341	7.22	<10	3.02	2892	3	0.02	54	2740	536	10	<20	127	0.11	<10
41	48238	12.8	3.71	365	55	<5	5.59	25	51	252	280	7.33	<10	3.52	2691	<1	0.10	70	3120	4222	<5	<20	323	0.14	<10
42	48239	>30	2.88	105	55	<5	4.84	14	38	92	136	5.35	<10	2.06	1743	<1	0.16	43	2890	1328	<5	<20	128	0.16	<10
43	48240	9.4	3.32	65	45	<5	5.37	2	36	77	112	7.49	<10	2.73	1466	4	0.02	27	2010	38	<5	<20	80	0.14	<10
44	48241	0.2	3.61	25	45	<5	5.24	1	29	68	117	7.19	<10	2.62	1158	4	0.02	23	1850	32	<5	<20	80	0.11	<10
45	48242	0.4	3.66	70	30	5	8.89	<1	22	57	68	5.26	<10	2.14	1089	4	0.01	22	1420	44	5	<20	169	0.10	<10
46	48243	0.6	2.57	285	70	5	2.84	1	37	110	136	6.29	<10	2.00	1182	6	0.05	43	2190	30	<5	<20	60	0.18	<10
47	48244	0.8	2.03	105	50	<5	2.16	2	39	139	146	4.86	<10	1.64	798	<1	0.03	53	2660	36	<5	<20	59	0.19	<10
48	48245	0.8	2.87	435	45	5	4.25	17	45	95	136	6.41	<10	1.78	1152	<1	0.04	30	2850	54	<5	<20	107	0.22	<10
49	48246	1.8	2.74	530	80	<5	3.80	73	37	132	184	6.74	<10	1.97	1528	2	0.08	32	2450	112	<5	<20	238	0.19	<10
50	48247	1.2	3.35	285	35	5	6.58	20	19	96	70	4.80	<10	1.67	1718	1	0.04	29	1350	52	<5	<20	146	0.13	<10
51	48248	1.2	2.54	585	50	<5	4.84	12	16	77	97	5.06	10	1.24	1851	5	0.07	17	1670	66	<5	<20	73	0.12	<10
52	48249	1.2	2.45	465	50	<5	4.07	15	18	86	96	5.25	10	1.37	1741	4	0.06	21	1710	64	5	<20	67	0.12	<10
53	48250	2.8	1.38	1045	35	5	3.94	11	14	67	75	4.39	10	0.91	1895	5	0.04	9	1530	98	<5	<20	65	0.10	<10
54	48401	0.4	3.04	230	50	15	2.58	5	38	86	84	6.89	<10	1.88	1489	1	0.16	31	1760	66	<5	<20	75	0.18	<10
55	48402	8.6	2.78	580	50	5	3.69	15	48	97	102	6.91	<10	1.80	1708	3	0.13	33	1700	330	<5	<20	93	0.17	<10
56	48403	0.6	2.61	225	55	10	1.47	7	38	101	92	6.13	<10	1.58	1175	<1	0.14	26	1360	84	<5	<20	67	0.24	<10
57	48404	>30	2.48	395	35	10	5.05	31	40	<1	89	4.97	<10	0.71	1214	<1	0.14	29	2130	1136	<5	<20	138	0.14	<10
58	48405	2.0	4.66	4000	55	<5	3.18	121	38	119	200	7.06	<10	1.80	975	<1	0.07	16	1420	256	<5	<20	162	0.14	<10
59	48406	>30	1.62	640	70	40	0.95	30	10	73	131	9.15	<10	0.57	575	6	0.04	3	1250	2946	<5	<20	66	0.09	<10
60	48407	0.2	2.64	<5	75	<5	2.25	1	52	155	162	7.22	<10	1.74	1045	<1	0.11	30	4800	64	<5	<20	58	0.25	<10

P. 002

TX/RX NO. 2212

15:26

08/30/96

ECO-TECH KAM.

0604 373 4557

15:27

08/30/96

SH

W	Y	Zn
<10	<1	5969
<10	<1	2922
<10	<1	3020
<10	<1	2759
<10	<1	3707
<10	<1	8331
<10	<1	1345
<10	<1	1178
<10	<1	820
<10	<1	1548
<10	<1	6323
<10	<1	8938
<10	<1	5533
<10	<1	8830
<10	<1	9548
<10	<1	3307
<10	<1	1829
<10	<1	1738
<10	<1	2695
<10	1	1723
<10	<1	7297
<10	<1	1137
<10	<1	1117
<10	4	250
<10	1	1879

J-TECH LABORATORIES LTD.

V	W	Y	Zn
64	<10	4	380
61	<10	6	188
41	<10	6	4084
39	<10	<1	7540
79	<10	<1	6140
14	<10	<1	2177
64	<10	<1	630
24	<10	<1	10000
43	<10	<1	5098
70	<10	<1	10000
81	<10	<1	10000
40	<10	19	568
41	<10	8	1788
39	<10	6	1875
00	<10	<1	1886
73	<10	<1	2283
23	<10	4	1225
55	<10	8	158
24	<10	8	108
85	<10	5	116
43	<10	7	157
02	<10	6	154
26	<10	6	888
42	<10	3	3721
36	<10	5	1251
88	<10	11	821
98	<10	10	941
83	<10	10	665
53	<10	4	354
42	<10	4	926
56	<10	4	566
56	<10	3	1801
93	<10	<1	6443
33	<10	<1	1361
34	<10	5	171

AMT RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 96-948

E

P.003

TX/RX NO. 2212

08/30/96 15:26

Et #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U
61	48408	3.8	1.85	3515	55	10	0.48	89	19	72	57	4.62	<10	0.85	959	17	0.03	12	1120	72	<5	<20	31	0.10	<10
62	48409	5.2	2.13	1315	55	10	0.72	77	12	89	71	4.46	<10	0.98	999	11	0.03	8	1130	362	<5	<20	37	0.10	<10
63	4807B	12.4	3.21	8735	65	5	2.46	137	33	111	329	9.72	<10	1.72	1200	11	0.04	28	1510	584	15	<20	70	0.13	<10

QC/DATA:

Resplit:

1	48201	>30	4.42	40	50	<5	3.50	131	30	71	437	9.79	<10	1.57	1525	<1	0.16	20	1040	4666	<5	<20	163	0.18	<10
36	48233	>30	2.04	80	70	<5	6.41	252	45	78	589	9.06	<10	1.89	1919	3	<0.01	24	1120	10000	<5	<20	63	0.11	<10

Repeat:

1	48201	>30	4.31	45	45	<5	3.45	125	34	58	455	9.47	<10	1.54	1488	<1	0.16	17	1090	4766	<5	<20	154	0.17	<10
10	48209B	8.2	3.34	1625	45	<5	2.02	19	22	80	575	>10	<10	1.79	1513	9	0.04	26	1190	322	<5	<20	70	0.15	<10
19	48216	4.8	5.28	705	20	<5	4.15	51	17	83	389	7.71	<10	1.54	1072	21	0.25	19	1710	208	<5	<20	188	0.16	<10
36	48233	>30	1.93	55	55	<5	6.54	239	35	79	591	9.27	<10	1.88	2010	<1	<0.01	24	1100	10000	<5	<20	57	0.10	<10
45	48242	0.8	3.74	85	30	5	9.40	<1	24	63	69	5.60	<10	2.14	1138	4	0.01	25	1590	48	<5	<20	171	0.11	<10
54	48401	0.4	3.08	210	50	10	2.63	4	38	87	84	6.98	<10	1.87	1505	<1	0.17	32	1840	74	<5	<20	76	0.19	<10

Standard:

GEO98		1.2	2.08	65	170	<5	2.18	<1	22	79	85	4.03	<10	1.08	760	<1	0.02	30	760	26	<5	<20	66	0.17	<10
GEO98		1.2	2.09	60	190	5	2.32	<1	24	73	86	4.08	<10	1.10	740	<1	0.02	31	800	52	<5	<20	68	0.17	<10

dt/948/948A
XLS/96KMISC#7


ECO-TECH LABORAT
Frank J. Pezzotti, A.Sc
B.C. Certified Assayer

CO-TECH LABORATORIES LTD.

V	W	Y	Zn
40	<10	<1	5355
45	<10	<1	4238
213	<10	<1	5988

159	<10	<1	6241
93	<10	<1	10000

151	<10	<1	5998
165	<10	<1	1644
241	<10	<1	2800
86	<10	<1	10000
190	<10	5	121
164	<10	4	368

94	<10	4	76
94	<10	7	78


CO-TECH LABORATORIES LTD.
T.



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-1101

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

17-Sep-96

ATTENTION: P.CASH

No. of samples received: 33

Sample type: ROCK

PROJECT #: TILLCURE

SHIPMENT #: NONE GIVEN

Samples submitted by: AMT RESOURCES

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	71801	3.21	0.094	17.9	0.52
2	71802	0.08	0.002	1.0	0.03
3	71803	<.03	<.001	1.2	0.04
4	71804	<.03	<.001	0.7	0.02
5	71805	<.03	<.001	1.8	0.05
6	71806	<.03	<.001	1.2	0.04
7	71807	0.06	0.002	2.2	0.06
8	71808	1.01	0.029	2.9	0.09
9	71809	1.00	0.029	16.1	0.47
10	71810	0.32	0.009	2.2	0.06
11	71811	0.23	0.007	1.6	0.05
12	71812	0.98	0.029	0.7	0.02
13	71813	<.03	<.001	0.8	0.02
14	71814	0.06	0.002	1.1	0.03
15	71815	0.55	0.016	3.0	0.09
16	71816	0.23	0.007	1.9	0.06
17	71817	1.61	0.047	4.0	0.12
18	71818	0.08	0.002	3.5	0.10
19	71819	1.11	0.032	6.3	0.18
20	71820	0.69	0.020	1.7	0.05


ECO-TECH LABORATORIES LTD.

Frank J. Pezzotti, A.Sc.T.

B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
21	71821	0.26	0.008	0.5	0.02
22	71822	0.09	0.003	0.8	0.02
23	71823	0.26	0.008	0.9	0.03
24	71824	<.03	<.001	1.1	0.03
25	71825	<.03	<.001	0.5	0.02
26	71826	1.42	0.041	4.4	0.13
27	71827	5.63	0.164	8.9	0.26
28	71828	0.03	0.001	1.2	0.04
29	71829	0.32	0.009	6.1	0.18
30	71830	0.03	0.001	2.1	0.06
31	71831	<.03	<.001	4.3	0.13
32	71832	<.03	<.001	3.2	0.09
33	71833	0.05	0.001	4.0	0.12

QC/DATA:

Resplit:

1 71801 2.68 0.078 18.9 0.55


Repeat:

1 71801 2.42 0.071 17.0 0.50

Standard:

STD-M 1.50 0.044 - -
 CPb-I - - 630.0 18.37

XLS/96KMISC#8


ECO-TECH LABORATORIES LTD.
 per Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer



**ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

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Fax (804) 573-4557

CERTIFICATE OF ANALYSIS AK 96-948

24-Sep-96

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

ATTENTION: P.CASH

No. of samples received: 63
Sample type: CORE
PROJECT #: BURTON
SHIPMENT #: NONE GIVEN
Samples submitted by: P.CASH

Post-it Fax Note	7671E	Date	Sept 24	# of pages	3
To	P. Cash / G. Addie		From		
Co./Dept.			Co.	Job 948 Te/Hg	
Phone #			Phone #	1101 Te.	
Fax #			Fax #	Hg still to come	

ET #.	Tag #	Hg (ppb)	Te (ppm)
1	48201	20	4.1
2	48202	20	3.6
6	48206	30	4.1
8	48208	<10	2.5
14	48212 48211	20	12.4
26	48224 48223	<10	2.1
27	48225 48224	<10	2.2
34	48232 48231	<10	4.3
35	48233 48232	20	6.3
36	48234 48233	<10	5.1
41	48239 48238	<10	3.4
42	48240 48239	20	2.5
55	48402 48401	<10	3.1
57	48404	<10	2.4

QC DATA:

Repeat:

1	48201	30	4.0
36	48234	<10	4.7

Standard:

CCu-1	-	-	27.8
-------	---	---	------

XLS/96KMISC#8


ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer



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Fax (604) 573-4557

CERTIFICATE OF ANALYSIS AK 96-1101

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

27-Sep-96

ATTENTION: P.CASH

No. of samples received: 33
Sample type: ROCK
PROJECT #: TILLICURE
SHIPMENT #: NONE GIVEN
Samples submitted by: AMT RESOURCES

ET #.	Tag #	Hg (ppb)	Te (ppm)
1	71801	130	5.6
2	71802	50	3.2
3	71803	<10	3.3
4	71804	<10	2.0
5	71805	10	3.0
6	71806	10	2.3
7	71807	10	5.3
8	71808	10	4.7
9	71809	20	5.0
10	71810	20	4.7
11	71811	20	4.6
12	71812	30	3.8
13	71813	20	3.4
14	71814	20	2.9
15	71815	20	4.1
16	71816	30	4.0
17	71817	30	5.7
18	71818	30	5.8
19	71819	10	4.2
20	71820	<10	4.2
21	71821	<10	4.2
22	71822	<10	2.9
23	71823	20	4.7

ET #.	Tag #	Hg (ppb)	Te (ppm)
24	71824	<10	4.5
25	71825	<10	3.3
26	71826	<10	3.8
27	71827	<10	3.2
28	71828	<10	4.8
29	71829	10	6.2
30	71830	<10	9.0
31	71831	<10	6.6
32	71832	<10	5.0
33	71833	20	4.9

QC DATA:

Repeat:

1	71801	130	6.5
10	71810	30	4.2
19	71819	10	4.5

Standard:

CCula	-	27.8
STSD	90	-
STSD	50	-

XLS/96kmisc#8
 fax@265-4399/p.cash
 cc:fax@352-2832/g.addie


ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

CERTIFICATE OF ASSAY AK 96-1174

AMT RESOURCES LTD.
BOX 174
BURTON, BC
VOE 1E0

30-Sep-96

ATTENTION: PHIL CASH, PRESIDENT

No. of samples received: 12

Sample type: Rock

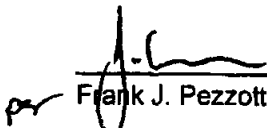
PROJECT #: None Given

SHIPMENT #: None Given

Samples submitted by: Phil Cash

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Zn (%)
1	71834	0.03	0.001	2.2	0.06	-
2	71835	<.03	<.001	2.0	0.06	-
3	71836	<.03	<.001	2.4	0.07	-
4	71837	1.03	0.030	1.8	0.05	-
5	71838	<.03	<.001	0.8	0.02	-
6	71839	0.04	0.001	1.0	0.03	-
7	71840	<.03	<.001	0.8	0.02	-
8	71841	0.43	0.013	2.4	0.07	*
9	71842	7.63	0.223	45.5	1.33	-
10	71843	4.94	0.144	29.1	0.85	-
11	71844	1.08	0.031	39.5	1.15	*
12	71845	2.31	0.067	37.5	1.09	-

* = Result to follow



Frank J. Pezzotti, A.Sc.T.B.C. Certified Assayer


ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
QC/DATA:					
Resplit:					
1	71834	0.04	0.001	4.1	0.12
Repeat:					
1	71834	0.03	0.001	4.2	0.12
10	71843	4.83	0.141	-	-
Standard:					
	Std-M	1.30	0.038	-	-
	Geo'96	-	-	1.8	0.05
	CPb-1	-	-	620.0	18.08

XLS/96Kmisc#8

Fax @: 403-993-5256 - hold for Pickup *Phil Cash*

Fax @: 604-352-2832/G. Addie

cc: George Addie, Nelson, BC

per 
ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer



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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1174

AMT RESOURCES LTD.
BOX 174
BURTON, BC
VOE 1E0

9-Oct-96

ATTENTION: PHIL CASH, PRESIDENT

No. of samples received: 12
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Phil Cash

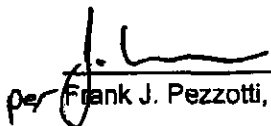
ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Zn (%)
1	71834	0.03	0.001	2.2	0.06	-
2	71835	<.03	<.001	2.0	0.06	-
3	71836	<.03	<.001	2.4	0.07	-
4	71837	1.03	0.030	1.8	0.05	-
5	71838	<.03	<.001	0.8	0.02	-
6	71839	0.04	0.001	1.0	0.03	-
7	71840	<.03	<.001	0.8	0.02	-
8	71841	0.43	0.013	2.4	0.07	-
9	71842	7.63	0.223	45.5	1.33	1.12
10	71843	4.94	0.144	29.1	0.85	-
11	71844	1.08	0.031	39.5	1.15	1.06
12	71845	2.31	0.067	37.5	1.09	-

FEED FAX THIS END

FAX

To: Lisa/George
Dept.: AMT Resources
Fax No.: 208-788-5704
No. of Pages: 4
From: Dana
Date: Oct 11/96
Company: ECO-TECH
Fax No.:
Comments: Job # 1174

Post-it fax pad 7903E

per 
Frank J. Pezzotti, A.Sc.T.B.C. Certified Assayer

CERTIFICATE OF ASSAY AK 96-1207

15-Oct-96

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

ATTENTION: P.CASH

No. of samples received: 19
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: AMT RESOURCES

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag ⁺ (g/t)	Ag ⁺ (oz/t)
1	71846	0.48	0.014	Grassy Zone	
2	71847	2.18	0.064	"	"
3	71848	0.51	0.015	"	"
4	71849	<.03	<.001	East Ridge	
5	71850	<.03	<.001	"	"
6	71851	<.03	<.001	"	"
7	71852	0.28	0.008	"	"
8	71853	0.05	0.001	"	"
9	71854	<.03	<.001	"	"
10	71855	0.36	0.010	"	"
11	71856	0.10	0.003	"	"
12	71857	0.52	0.015	massive sulphides - East ridge	
13	71858	0.31	0.009	"	"
14	71859	0.55	0.016	"	"
15	71860	0.75	0.022	"	"
16	71861	0.32	0.009	"	"
17	71862	0.19	0.006	"	"
18	71863	0.13	0.004	Massive sulphides - East ridge - lower road.	
19	71864	1.67	0.049	"Grab" lower DENNIS - Galena rich	

ECO-TECH LABORATORIES LTD.

per  Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Zn (%)
QC/DATA:						
<i>Resplit:</i>						
1	71834	0.04	0.001	4.1	0.12	-
<i>Repeat:</i>						
1	71834	0.03	0.001	4.2	0.12	-
10	71843	4.83	0.141	-	-	-
Standard:						
Std-M		1.30	0.038	-	-	-
Geo'96		-	-	1.8	0.05	-
CPb-1		-	-	620.0	18.08	-

XLS/96Kmisc#9

Fax @: 403-993-5256 - Hold for Pickup *Phil Cash*

Fax @: 604-352-2832/G. Addie

cc: George Addie, Nelson, BC

ECO-TECH LABORATORIES LTD.


Frank J. Pezzotti, A.Sc.T.

B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag* (g/t)	Ag* (oz/t)
QC/DATA:					
<i>Resplit:</i>					
1	71846	0.73	0.021		
<i>Repeat:</i>					
1	71846	0.55	0.016		
10	71855	0.51	0.015		

note:*=results to follow

XLS/96KMISC#9
fax@208-788-5924/p.cash
cc:fax@604-352-2832/g.addie


ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer



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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1207

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

16-Oct-88

ATTENTION: P.CASH

No. of samples received: 19
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: AMT RESOURCES

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	71848	0.48	0.014				2.30
2	71847	2.18	0.064			2.31	4.93
3	71848	0.51	0.016	832.0	24.26	5.24	6.06
4	71849	<.03	<.001				
5	71850	<.03	<.001				
6	71851	<.03	<.001				
7	71852	0.28	0.008				
8	71853	0.05	0.001				
9	71854	<.03	<.001				
10	71855	0.36	0.010				
11	71858	0.10	0.003				
12	71857	0.62	0.018	48.2	1.41		4.21
13	71858	0.31	0.009				
14	71859	0.55	0.016				
15	71860	0.75	0.022				
16	71861	0.32	0.009				
17	71862	0.19	0.006				
18	71863	0.13	0.004				4.75
19	71864	1.67	0.049				2.49

ECO-TECH LABORATORIES LTD.


per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

AMT RESOURCES AK 98-1207

18-Oct-98

ET #	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
QC/DATA:							
Resplit:							
1	71846	0.73	0.021				2.25
Repeat:							
1	71848	0.55	0.018				
10	71855	0.51	0.016				
Standard:							
MPI-a						4.35	
CPb-I				630.0	18.373		4.48

XLS/98KMISC#9
 fax@208-788-5924/p.cash
 cc:fax@604-352-2832/g.eddie



ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

AMT RESOURCES AK 96-1207

16-Oct-98

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
QC/DATA:							
Resplit:							
1	71846	0.73	0.021				2.25
Repeat:							
1	71846	0.55	0.018				
10	71855	0.51	0.015				
Standard:							
MPI-a						4.38	
CPb-I				630.0	18.373		4.46

XLS/98KMISC#9
 fax@208-788-5924/p.cash
 cc:fax@804-352-2832/g.eddie


ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer



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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1207


AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

16-Oct-96

ATTENTION: P.CASH


No. of samples received: 19
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: AMT RESOURCES

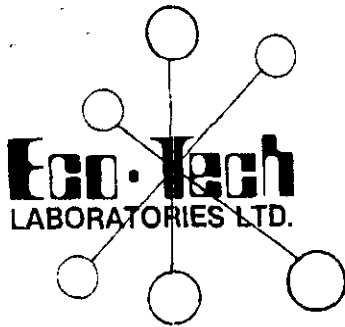
ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	71846	0.48	0.014				2.30
2	71847	2.18	0.064			2.31	4.93
3	71848	0.51	0.015	832.0	24.26	5.24	5.05
4	71849	<.03	<.001				
5	71850	<.03	<.001				
6	71851	<.03	<.001				
7	71852	0.28	0.008				
8	71853	0.05	0.001				
9	71854	<.03	<.001				
10	71855	0.36	0.010				
11	71856	0.10	0.003				
12	71857	0.52	0.015	48.2	1.41		4.21
13	71858	0.31	0.009				
14	71859	0.55	0.016				
15	71860	0.75	0.022				
16	71861	0.32	0.009				
17	71862	0.19	0.006				
18	71863	0.13	0.004				4.75
19	71864	1.67	0.049				2.49

per 
ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
QC/DATA:							
<i>Resplit:</i>							
1	71846	0.73	0.021				2.25
<i>Repeat:</i>							
1	71846	0.55	0.016				
10	71855	0.51	0.015				
<i>Standard:</i>							
MPI-a						4.38	
CPb-I				630.0	18.373		4.46

XLS/96KMISC#9
 fax@208-788-5924/p.cash
 cc:fax@604-352-2832/g.addie


ECO-TECH LABORATORIES LTD.
 per Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer



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ENVIRONMENTAL TESTING**

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Fax (250) 573-4557

CERTIFICATE OF ANALYSIS AK 96-1174

AMT RESOURCES LTD.
BOX 174
BURTON, BC
VOE 1E0

23-Oct-96

ATTENTION: PHIL CASH, PRESIDENT

No. of samples received: 12
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Phil Cash

Post-It™ Fax Note	7671E	Date	Oct 24	# of pages	3
To	George Addie / Phil Cash	From	Donna		
Co./Dept.		Co.	Eco-Tech		
Phone #		Phone #	TeqSe		
Fax #		Fax #			

ET #.	Tag #	Se (ppm)	Te (ppm)
1	71834	1.2	<.05
2	71835	0.8	<.05
3	71836	1.6	<.05
4	71837	1.0	<.05
5	71838	0.6	<.05
6	71839	1.0	<.05
7	71840	1.2	<.05
8	71841	<.2	<.05
9	71842	0.8	<.05
10	71843	<.2	<.05
11	71844	0.6	<.05
12	71845	0.2	<.05

QC DATA:

Resplit:

R/S 1 71834 1.6 <.05

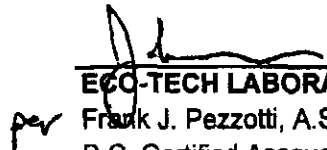
Repeat:

1 71834 1.8 <.05

Standard:

GEO'96 1.0 <.05

ECO-TECH LABORATORIES LTD.

per  Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer



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Fax (250) 573-4557

CERTIFICATE OF ANALYSIS AK 96-1207

AMT RESOURCES LTD.
BOX 174
BURTON, BC
VOE 1E0

23-Oct-96

ATTENTION: PHIL CASH, PRESIDENT

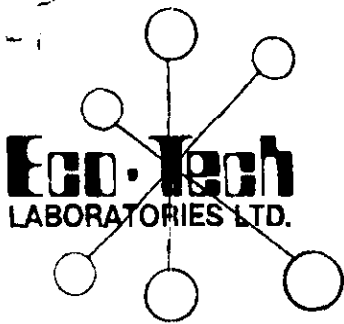
No. of samples received: 19
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Phil Cash

ET #.	Tag #	Se (ppm)	Te (ppm)
1	71846	0.4	<.05
2	71847	0.6	<.05
3	71848	0.8	<.05
4	71849	0.6	0.96
5	71850	0.6	1.20
6	71851	1.0	1.53
7	71852	0.8	1.02
8	71853	1.0	0.52
9	71854	0.4	1.20
10	71855	0.8	<.05
11	71856	1.8	1.02
12	71857	0.6	<.05
13	71858	1.2	<.05
14	71859	0.6	<.05
15	71860	1.6	0.05
16	71861	1.6	0.28
17	71862	1.8	0.05
18	71863	0.4	<.05
19	71864	2.4	<.05

ET #.	Tag #	Se (ppm)	Te (ppm)
QC DATA:			
<i>Resplit:</i>			
R/S 1	71846	0.6	<.05
<i>Repeat:</i>			
1	71846	0.4	<.05
10	71855	0.8	<.05
<i>Standard:</i>			
GEO'96		0.8	<.05

XLS/96KMISC#10

[Signature]
ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer



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10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERIFICATE OF ASSAY AK 96-948R

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

30-Aug-96

ATTENTION: P.CASH

No. of samples received: 63
Sample type: CORE
PROJECT #: BURTON
SHIPMENT #: NONE GIVEN
Samples submitted by: P.CASH

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	48201	22.25	0.649	66.9	1.95	-	-
2	48202	8.98	0.262	26.2	0.76	-	-
3	48203	0.48	0.014	11.2	0.33	-	-
4	48204	3.97	0.116	7.3	0.21	-	-
5	48205	4.29	0.125	9.0	0.26	-	-
6	48206	9.00	0.262	11.1	0.32	-	-
7	48207	1.07	0.031	8.4	0.25	-	-
8	48208	6.37	0.186	5.0	0.15	-	-
9	48209	1.12	0.033	4.5	0.13	-	-
10	48209B	1.33	0.039	9.1	0.27	-	-
11	48210	0.83	0.024	39.0	1.14	-	-
12	48210B	3.51	0.102	173.2	5.05	2.11	-
13	48211	1.76	0.051	20.5	0.60	-	-
14	48212	6.38	0.186	25.8	0.75	-	-
15	48213	1.06	0.031	15.7	0.46	-	-
16	48214	1.48	0.043	4.2	0.12	-	-
17	48215	1.89	0.055	6.6	0.19	-	-
18	48216	1.19	0.035	12.4	0.36	-	-
19	48217	0.27	0.008	3.6	0.11	-	-
20	48218	1.11	0.032	1.9	0.06	-	-
21	48219	2.27	0.066	6.8	0.20	-	-


ECO-TECH LABORATORIES LTD.
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B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
22	48220	2.93	0.068	6.4	0.19	-	-
23	48221	4.46	0.130	9.3	0.27	-	-
24	48222	0.53	0.015	2.6	0.08	-	-
25	48223	2.00	0.058	3.7	0.11	-	-
26	48224	27.15	0.792	31.1	0.91	-	-
27	48225	15.95	0.465	24.4	0.71	-	-
28	48226	0.35	0.010	0.9	0.03	-	-
29	48227	1.24	0.036	14.7	0.43	-	-
30	48228	2.51	0.073	60.4	1.76	-	-
31	48229	1.79	0.052	15.2	0.44	-	-
32	48230	0.28	0.008	1.0	0.03	-	-
33	48231	3.43	0.100	7.4	0.22	-	1.70
34	48232	5.01	0.146	15.4	0.45	-	-
35	48233	5.02	0.146	17.3	0.51	-	1.08
36	48234	5.56	0.162	51.3	1.50	1.40	1.72
37	48235	<.03	<.001	0.7	0.02	-	-
38	48236	2.12	0.062	2.7	0.08	-	-
39	48237	0.95	0.028	1.9	0.06	-	-
40	48238	0.86	0.025	5.7	0.17	-	-
41	48239	6.91	0.202	11.6	0.34	-	-
42	48240	6.22	0.181	33.4	0.97	-	-
43	48241	0.08	0.002	0.5	0.02	-	-
44	48242	<.03	<.001	1.1	0.03	-	-
45	48243	0.03	0.001	0.8	0.02	-	-
46	48244	0.10	0.003	1.5	0.04	-	-
47	48245	0.15	0.004	1.2	0.04	-	-
48	48246	0.23	0.007	1.9	0.06	-	-
49	48247	0.31	0.009	2.4	0.07	-	-
50	48248	0.35	0.010	1.3	0.04	-	-
51	48249	0.58	0.017	1.2	0.04	-	-
52	48249B	0.39	0.011	1.3	0.04	-	-
53	48250	1.99	0.058	2.4	0.07	-	-
54	48401	0.14	0.004	0.6	0.02	-	-
55	48402	20.46	0.597	8.1	0.24	-	-
56	48403	0.82	0.024	1.5	0.04	-	-
57	48404	415.00	12.103	114.6	3.34	-	-
58	48405	1.40	0.041	2.7	0.08	-	-
59	48406	2.46	0.072	40.2	1.17	-	-
60	48407	0.23	0.007	1.3	0.04	-	-
61	48408	0.40	0.012	4.0	0.12	-	-
62	48409	0.73	0.021	5.5	0.16	-	-
63	4807B	1.64	0.048	18.0	0.53	-	-

Frank J. Pezzotti
ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
QC/DATA:							
<i>Resplit:</i>							
1	48201	20.65	0.602	61.3	1.79	-	-
36	48234	5.11	0.149	44.2	1.29	1.18	1.55
<i>Repeat:</i>							
1	48201	19.05	0.556	50.6	1.48	-	-
10	48209B	3.19	0.093	5.9	0.17	-	-
19	48217	0.24	0.007	3.6	0.11	-	-
36	48234	6.30	0.184	64.7	1.89	-	-
45	48243	<.03	<.001	0.9	0.03	-	-
54	48401	1.00	0.029	0.8	0.02	-	-
<i>Standard:</i>							
STD-M		3.30	0.096	1.2	0.04	-	-
STD-M		3.30	0.096	1.4	0.04	-	-
CPb-1		-	-	632.0	18.43	-	4.42
CPb-1		-	-	630.0	18.37	-	-

XLS/96KMISC#7


ECO-TECH LABORATORIES LTD.
 per Frank J. Pezzotti, A.Sc.T.
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Fax (604) 573-4557

CERTIFICATE OF ANALYSIS AK 96-948

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

24-Sep-96

ATTENTION: P.CASH

No. of samples received: 63
Sample type: CORE
PROJECT #: BURTON
SHIPMENT #: NONE GIVEN
Samples submitted by: P.CASH

ET #.	Tag #	Hg (ppb)	Te (ppm)
1	48201	20	4.1 ✓
2	48202	20	3.6 ✓
6	48206	30	4.1 ✓
8	48208	<10	2.5 ✓
14	48212	20	12.4 ✓
26	48224	<10	2.1 ✓
27	48225	<10	2.2 —
34	48232	<10	4.3 —
35	48233	20	6.3 —
36	48234	<10	5.1 —
41	48239	<10	3.4 —
42	48240	20	2.5 —
55	48402	<10	3.1 ✓
57	48404	<10	2.4 ✓

QC DATA:

Repeat:

1	48201	30	4.0
36	48234	<10	4.7

Standard:

CCu-1	-		27.8
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ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96KMISC#8



10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

DATE: 28 Oct 96

COMPANY: _____

ATTENTION: George Addie

FROM: John Laitin

NO. of PAGES: _____ (including this page)

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MESSAGE:

George,

Here are 2 Zn values

71843 was < 10,000 ppm so
was not included

Regards,

John Laitin



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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

DATE: 28 Oct 96
COMPANY: George Addie 352 2832
ATTENTION: _____
FROM: JOHN LAITIN
NO. of PAGES: _____ (including this page)

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MESSAGE:

George -

I am resending you the revised file 948R
as discussed. I will proceed with the Te
and Se analysis as you requested.

Regards,

John Laitin



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CERTIFICATE OF ANALYSIS AK 96-1101a

31-Oct-96

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

ATTENTION: P.CASH

No. of samples received: 33
Sample type: ROCK
PROJECT #: TILLCURE
SHIPMENT #: NONE GIVEN
Samples submitted by: AMT RESOURCES

Post-it™ Fax Note	7671E	Date	Oct 31	# of pages	1
To	George Archie	From	Jenna		
Co./Dept.		Co.			
Phone #		Phone #			
Fax #	352-2532	Fax #			

ET #.	Tag #	Te (ppb)	Se (ppm)
1	71801	1.19	2.6
2	71802	1.03	<.2
4	71804	0.71	2.0
6	71806	0.40	5.2
7	71807	<.05	0.2
8	71808	0.16	0.3
9	71809	0.63	2.3
10	71810	0.32	0.8
11	71811	0.87	0.5
12	71812	0.79	0.7
13	71813	0.87	3.3
14	71814	0.71	1.0
15	71815	<.05	1.8
16	71816	<.05	0.4
17	71817	0.08	0.6
18	71818	0.40	3.2
19	71819	<.05	0.8
20	71820	<.05	0.8
21	71821	0.32	0.7
22	71822	0.16	<.2
23	71823	0.41	0.2
24	71824	0.48	0.6



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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1174


9-Oct-96

**AMT RESOURCES LTD.
BOX 174
BURTON, BC
VOE 1E0**

ATTENTION: PHIL CASH, PRESIDENT

*No. of samples received: 12
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Phil Cash*

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Zn (%)
1	71834	0.03	0.001	2.2	0.06	-
2	71835	<.03	<.001	2.0	0.06	-
3	71836	<.03	<.001	2.4	0.07	-
4	71837	1.03	0.030	1.8	0.05	-
5	71838	<.03	<.001	0.8	0.02	-
6	71839	0.04	0.001	1.0	0.03	-
7	71840	<.03	<.001	0.8	0.02	-
8	71841	0.43	0.013	2.4	0.07	-
9	71842	7.63	0.223	45.5	1.33	1.12
10	71843	4.94	0.144	29.1	0.85	-
11	71844	1.08	0.031	39.5	1.15	1.06
12	71845	2.31	0.067	37.5	1.09	-

per 
Frank J. Pezzotti, A.Sc. T.B.C. Certified Assayer

ET #.	Tag #	Te (ppb)	Se (ppm)
25	71825	0.12	< 2
26	71826	0.05	0.2
27	71827	0.12	0.6
28	71828	0.12	0.7
29	71829	0.12	0.9
30	71830	0.12	2.2
31	71831	0.96	0.2
32	71832	<.05	0.2
33	71833	1.45	0.8

QC DATA:


Repeat:

1	71801	1.26	2.9
12	71812	0.45	0.6
21	71821	0.25	0.3

Standard:

GEO 96	0.12	< 2
GEO 96	0.10	0.2

XLS/36kmisc#10


ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer



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CERTIFICATE OF ANALYSIS AK 96-948a

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

31-Oct-96


ATTENTION: P.CASH

No. of samples received: 63
Sample type: CORE
PROJECT #: BURTON
SHIPMENT #: NONE GIVEN
Samples submitted by: P.CASH

ET #.	Tag #	Te (ppm)	Se (ppm)
1	48201	0.84	1.2
2	48202	0.05	1.0
6	48206	0.92	0.6
8	48208	3.68	0.9
14	48212	4.18	2.7
26	48224	1.76	0.7
27	48225	1.59	1.1
34	48232	1.76	1.7
35	48233	<.05	0.5
36	48234	1.17	15.0
42	48240	5.61	1.6
55	48402	<.05	<.2

QC DATA:

Repeat:			
1	48201	0.79	1.6
Standard:			
GEO 96		<.05	0.5


ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS.96KMISC#10

CERTIFICATE OF ANALYSIS AK 96-1275

AMT RESOURCES LTD.
BOX 174
BURTON, BC
VOE 1E0

1-Nov-96

ATTENTION: PHIL CASH, PRESIDENT

No. of samples received: 30
Sample type: ROCK
PROJECT #: TIL MT
SHIPMENT #: NONE GIVEN
Samples submitted by: H.P.C.

ET #.	Tag #	Au (ppb)	Ag (ppm)
1	71865	>1000	2.2
2	71866	335	>30
3	71867	>1000	4.2
4	71868	>1000	4.4
5	71869	>1000	>30

QC DATA:

Resplit:

R/S 1 71865 >1000 2.5

Repeat:

1 71865 >1000 1.9

Standard:

GEO'96 150 1.6

LS/96KMISC#11


ECO-TECH LABORATORIES LTD.

Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

CERTIFICATE OF ASSAY AK 96-1275

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

1-Nov-96

ATTENTION: P.CASH

No. of samples received: 30
Sample type: ROCK
PROJECT #: TIL MT
SHIPMENT #: NONE GIVEN
Samples submitted by: H.P.C.

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	71865	4.46	0.130		
2	71866			117.1	3.42
3	71867	1.01	0.029		
4	71868	1.24	0.036		
5	71869	3.75	0.109	98.3	2.87

QC/DATA:

Resplit:

1 71865 5.50 0.160

Standard:

CPb-I 626.0 18.26

XLS/96KMISC#11


per **ECO-TECH LABORATORIES LTD.**

Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer



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CERTIFICATE OF ASSAY AK 96-1275

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

4-Nov-96

ATTENTION: P.CASH

No. of samples received: 5
Sample type: ROCK
PROJECT #: TIL MT
SHIPMENT #: NONE GIVEN
Samples submitted by: H.P.C.

Post-It™ Fax Note	7671E	Date	Nov 5	# of pages	2
To	Phil/George	From			
Co./Dept.		Co.			
Phone #		Phone #			
Fax #		Fax #			

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	71865	4.46	0.130				
2	71866			117.1	3.42	4.39	6.45
3	71867	1.01	0.029				
4	71868	1.24	0.036				
5	71869	3.75	0.109	98.3	2.87	1.41	2.49

QC/DATA:

Resplit:

1	71865	5.50	0.160				
---	-------	------	-------	--	--	--	--

Standard:

CPb-I				628.0	18.26		
MPIA						4.33	19.02

[Signature]
ECO-TECH LABORATORIES LTD.
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XLS/96KMISC#11



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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-948K

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7


2-Dec-96

ATTENTION: P.CASH

No. of samples received: 63
Sample type: CORE
PROJECT #: BURTON
SHIPMENT #: NONE GIVEN
Samples submitted by: P.CASH

Post-It™ Fax Note	7671E	Date	Dec 2	# of pages	8
To	G. Addie	From			
Co./Dept.		Co.			
Phone #		Phone #			
Fax #	250-352-2832	Fax #			

ET #.	Tag #	Na (%)	K (%)
1	48201	0.39	3.05
2	48202	0.52	3.99
3	48203		3.03
4	48204	0.63	3.51
5	48205	0.12	3.82
6	48206	0.16	5.21
7	48207	0.21	5.72
8	48208	0.43	4.16
9	48209	0.18	4.81
10	48209B	0.18	4.77
11	48210	0.15	2.72
12	48210B	0.16	3.36
13	48211	0.49	3.92
14	48212	0.27	2.34
15	48213	0.22	2.55
16	48214	0.28	2.65
17	48215	0.41	4.13
18	48216	0.27	3.60
19	48217	0.40	4.09
20	48218	1.24	2.97
21	48219	0.52	3.10

per 
ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

2-Dec-96

AMT RESOURCES AK 96-948K

ET #.	Tag #	Na (%)	K (%)
22	48220	0.24	4.10
23	48221	0.35	4.39
24	48222	1.21	2.88
25	48223	1.02	2.70
26	48224	1.84	2.31
27	48225	1.81	2.75
28	48226	1.43	3.18
29	48227	0.85	2.77
30	48228	0.27	4.18
31	48228	0.54	3.59
32	48229	0.31	3.45
33	48230	0.24	1.83
34	48231	0.22	3.66
35	48232	0.19	2.67
36	48233	0.22	1.61
37	48234	0.19	1.36
38	48235	0.51	3.35
39	48236	0.56	2.62
40	48237	0.79	2.63
41	48238	-	-
42	48239	NO SAMPLE	-
43	48240	0.75	2.04
44	48241	1.36	2.42
45	48242	1.42	1.53
46	48243	1.15	1.52
47	48244	1.56	1.89
48	48245	1.19	1.84
49	48246	1.19	1.84
50	48247	0.70	2.36
51	48248	0.96	2.03
52	48249	0.60	1.96
53	48249B	0.60	1.96
54	48250	0.81	3.21
55	48401	0.86	3.29
56	48402	1.26	2.42
57	48403	1.26	2.42
58	48404	1.10	1.42
59	48405	1.04	1.06
60	48406	1.04	1.06
61	48407	1.37	1.40
62	48408	-	-
63	48409	NO SAMPLE	-
	4807B	0.24	3.07
		0.17	3.55
		1.19	2.43
		0.12	3.99
		0.13	3.80
		0.19	5.05




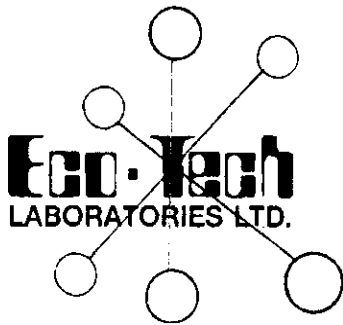
per **ECO-TECH LABORATORIES LTD.**

Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ET #.	Tag #	Na (%)	K (%)
QC/DATA:			
<i>Resplit:</i>			
36	48234	0.21	1.57
<i>Repeat:</i>			
1	48201	0.40	3.04
10	48209B	0.18	4.78
19	48217	0.40	4.03
36	48234	0.22	1.59
45	48243	1.18	1.57
54	48401	1.11	1.46
<i>Standard:</i>			
SY2		2.75	3.73
SY2		2.73	3.75
MRG1		0.48	0.15
MRG1		0.51	0.15

XLS/96KMISC#12

per 
ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer



**ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1101K

AMT RESOURCES

2-Dec-96

60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

ATTENTION: P.CASH

No. of samples received: 33

Sample type: ROCK

PROJECT #: TILLCURE

SHIPMENT #: NONE GIVEN

Samples submitted by: AMT RESOURCES

ET #.	Tag #	Na (%)	K (%)
1	71801	0.31	3.93
2	71802	1.46	2.42
3	71803	0.50	1.18
4	71804	0.45	2.29
5	71805	0.65	1.97
6	71806	0.37	0.91
7	71807	1.22	1.32
8	71808	0.60	3.77
9	71809	0.29	3.34
10	71810	1.23	2.82
11	71811	0.98	2.54
12	71812	1.25	2.91
13	71813	0.76	2.22
14	71814	1.27	2.04
15	71815	0.35	2.38
16	71816	0.84	2.35
17	71817	0.75	2.22
18	71818	0.45	2.90
19	71819	0.31	2.88
20	71820	0.38	2.57
21	71821	1.15	2.69
22	71822	0.99	2.43
23	71823	0.67	2.74
24	71824	1.02	2.81


ECO-TECH LABORATORIES LTD.

Frank J. Pezzotti, A.Sc.T.

B.C. Certified Assayer

AMT RESOURCES AK 96-1101K

2-Dec-96

ET #.	Tag #	Na (%)	K (%)
25	71825	0.13	0.69
26	71826	0.18	2.71
27	71827	0.34	3.37
28	71828	1.48	1.01
29	71829	0.45	2.45
30	71830	1.30	0.79
31	71831	1.08	1.70
32	71832	0.61	4.18
33	71833	0.74	3.19

QC DATA:

Resplit:

1	71801	0.29	3.91
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Repeat:

1	71801	0.29	3.82
10	71810	1.21	2.81
19	71819	0.31	2.96

Standard:

SY2	2.77	3.72
MRG1	0.50	0.15

XLS/96kmisc#12


ECO-TECH LABORATORIES LTD.

per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1174K

AMT RESOURCES LTD.
BOX 174
BURTON, BC
VOE 1E0

2-Dec-96

ATTENTION: PHIL CASH, PRESIDENT

No. of samples received: 12
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Phil Cash

ET #.	Tag #	Na (%)	K (%)
1	71834	1.94	2.10
2	71835	1.48	2.22
3	71836	3.64	3.13
4	71837	2.50	4.17
5	71838	3.50	4.39
6	71839	2.95	4.92
7	71840	2.68	1.65
8	71841	0.42	2.14
9	71842	0.38	2.29
10	71843	0.88	3.06
11	71844	1.47	3.49
12	71845	0.21	1.99

QC/DATA:

Resplit:

1 71834 1.87 2.13

Repeat:

1 71834 1.95 1.94


ECO-TECH LABORATORIES LTD.

Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Kmisc#9



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1207K

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

2-Dec-96

ATTENTION: P.CASH

No. of samples received: 19
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: AMT RESOURCES

ET #.	Tag #	Na (%)	K (%)
1	71846	0.23	0.99
2	71847	0.59	2.70
3	71848	1.06	1.08
4	71849	1.94	2.50
5	71850	1.51	2.77
6	71851	2.86	3.68
7	71852	1.10	2.42
8	71853	1.25	1.09
9	71854	1.63	3.28
10	71855	1.99	2.93
11	71856	2.45	2.86
12	71857	0.40	2.62
13	71858	1.60	3.22
14	71859	1.28	2.96
15	71860	0.93	2.84
16	71861	1.15	2.91
17	71862	1.01	3.35
18	71863	0.10	0.75
19	71864	0.36	1.56


ECO-TECH LABORATORIES LTD.

Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

AMT RESOURCES AK 96-1207K

2-Dec-96

ET #.	Tag #	Na (%)	K (%)
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QC/DATA:**Resplit:**

1	71846	0.24	1.01
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Repeat:

1	71846	0.27	1.18
10	71855	2.01	3.01

Standard:

SY2		2.67	3.76
MRG1		0.48	0.15

XLS/96KMISC#12
fax@208-788-5924/p.cash
cc:fax@604-352-2832/g.addie


ECO-TECH LABORATORIES LTD.

Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

4-Nov-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1273

AMT RESOURCES LTD.
BOX 174
BURTON, BC
VOE 1E0

ATTENTION: PHIL CASH, PRESIDENT

Phone: 604-573-5700
Fax : 604-573-4557

No. of samples received: 5
Sample type: ROCK
PROJECT #: TIL MT
SHIPMENT #: NONE GIVEN

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	71865	>1000	1.0	0.57	905	35	<5	0.34	<1	33	94	326	5.48	<10	0.44	209	16	<0.01	16	900	34	<5	<20	7	0.10	<10	50	<10	2	137
2	71866	335	>30	0.46	<5	50	185	0.19	>1000	40	67	402	>10	<10	0.16	794	<1	0.05	14	110	>10000	<5	40	11	0.02	<10	11	<10	<1	>10000
3	71867	>1000	3.2	1.09	<5	50	<5	0.19	6	28	51	477	>10	<10	0.89	528	13	<0.01	3	1100	170	<5	<20	7	0.09	<10	52	<10	<1	309
4	71868	>1000	3.4	4.17	610	35	<5	2.13	101	35	70	183	8.27	<10	1.40	1206	3	0.17	32	1160	288	<5	<20	73	0.07	<10	107	<10	<1	5749
5	71869	>1000	>30	1.78	930	45	<5	0.67	288	60	74	475	>10	<10	1.28	1296	4	0.06	41	810	>10000	<5	<20	26	0.06	<10	114	<10	<1	>10000

QC DATA:

Resplit:																															
R/S 1	71865	>1000	1.4	0.55	960	35	<5	0.31	<1	33	106	331	5.37	<10	0.43	198	17	0.01	15	880	28	<5	<20	7	0.10	<10	50	<10	2	136	
Repeat:																															
1	71865	>1000	1.4	0.57	835	30	<5	0.32	<1	34	96	338	5.56	<10	0.45	201	17	0.01	18	910	38	<5	<20	6	0.10	<10	51	<10	2	142	
Standard:																															
GEO'96		150	1.4	1.94	70	175	<5	2.09	<1	23	75	81	4.06	<10	1.10	706	<1	0.01	20	760	20	<5	<20	56	0.12	<10	89	<10	7	72	

dt/1269
XLS/96


per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1174

AMT RESOURCES LTD.
BOX 174
BURTON, BC
VOE 1E0

Phone: 604-573-5700
Fax : 604-573-4557

ATTENTION: PHIL CASH, PRESIDENT


No. of samples received: 12
Sample type: Rock
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Phil Cash

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	71834	1.6	2.17	145	70	<5	3.10	<1	54	244	121	7.68	<10	2.06	2643	2	0.03	58	2130	32	<5	<20	19	0.23	<10	192	<10	<1	68
2	71835	1.4	2.14	100	155	<5	8.55	<1	30	87	94	4.49	<10	2.21	2444	11	0.02	33	1970	30	<5	<20	82	0.15	<10	119	<10	<1	100
3	71836	1.8	2.53	30	55	<5	1.85	<1	54	152	131	7.30	<10	1.54	1378	3	0.15	52	2920	18	<5	<20	116	0.23	<10	155	<10	<1	49
4	71837	1.4	1.44	20	25	<5	0.94	20	15	96	50	5.18	<10	0.76	1062	3	0.07	5	1650	16	<5	<20	27	0.20	<10	62	<10	7	1174
5	71838	0.8	0.87	40	25	<5	0.44	2	9	184	22	3.14	<10	0.45	675	8	0.05	5	790	18	<5	<20	13	0.12	<10	37	<10	8	169
6	71839	0.6	1.02	25	30	<5	0.45	2	12	118	39	4.29	<10	0.54	691	5	0.04	5	1040	18	<5	<20	22	0.14	<10	43	<10	8	276
7	71840	0.4	0.91	30	25	<5	0.44	4	11	131	65	4.50	<10	0.55	599	6	0.04	3	1060	26	<5	<20	10	0.14	<10	52	<10	9	278
8	71841	1.8	4.57	1890	55	<5	2.81	121	36	73	153	8.83	<10	1.12	1133	8	0.15	23	1150	148	<5	<20	113	0.11	<10	132	<10	<1	7239
9	71842	>30	1.91	525	55	<5	1.02	112	27	152	288	9.11	<10	0.71	1076	8	0.09	24	560	5226	155	<20	37	0.12	<10	140	<10	<1	>10000
10	71843	25.0	3.69	3320	55	<5	2.43	28	43	151	239	8.85	<10	0.99	1181	9	0.14	28	870	3786	<5	<20	110	0.14	<10	165	<10	<1	4095
11	71844	>30	3.19	770	45	15	2.09	154	38	101	211	8.71	<10	1.20	1487	5	0.20	28	1140	5414	<5	<20	83	0.14	<10	143	<10	<1	>10000
12	71845	>30	2.12	30	40	<5	1.25	170	33	73	698	>10	<10	0.67	974	10	0.05	36	450	862	<5	<20	22	0.06	<10	24	<10	<1	9847


Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
<i>Resplit:</i>																													
1	71834	1.4	2.22	165	75	<5	3.38	<1	61	259	122	8.28	<10	2.08	2746	2	0.03	62	2210	34	<5	<20	20	0.24	<10	197	<10	<1	71
<i>Repeat:</i>																													
1	71834	1.2	2.17	130	70	<5	3.15	<1	57	242	121	7.98	<10	2.05	2677	<1	0.03	61	2140	36	<5	<20	20	0.24	<10	193	<10	<1	70
<i>Standard:</i>																													
GEO'96		1.2	2.13	55	155	<5	2.25	<1	23	74	81	4.23	<10	1.11	756	<1	0.03	24	800	22	<5	<20	56	0.18	<10	94	<10	4	78

df/1169
 XLS/96Kmisc#8
 Fax @: 403-993-5256 - Hold for Pickup "Phil Cash"
 Fax @: 604-352-2832/G. Addie
 cc: George Addie, Nelson, BC


 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

Et #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
Resplit:																													
1	71834	1.4	2.22	165	75	<5	3.38	<1	61	259	122	8.28	<10	2.08	2746	2	0.03	62	2210	34	<5	<20	20	0.24	<10	197	<10	<1	71
Repeat:																													
1	71834	1.2	2.17	130	70	<5	3.15	<1	57	242	121	7.98	<10	2.05	2677	<1	0.03	61	2140	36	<5	<20	20	0.24	<10	193	<10	<1	70
Standard:																													
GEO'96																													
		1.2	2.13	55	155	<5	2.25	<1	23	74	81	4.23	<10	1.11	756	<1	0.03	24	800	22	<5	<20	56	0.18	<10	94	<10	4	78

df/1169
 XLS/96Kmisc#8
 Fax @: 403-993-5256 - Hold for Pickup "Phil Cash"
 Fax @: 604-352-2832/G. Addie
 cc: George Addie, Nelson, BC


 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

30-Aug-96

ECC-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-948

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

Phone: 604-573-5700
Fax : 604-573-4557

ATTENTION: P.CASH

No. of samples received: 63
Sample type: CORE
PROJECT #: BURTON
SHIPMENT #: NONE GIVEN
Samples submitted by: P.CASH

Values in ppm unless otherwise reported

El #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	48201	>30	4.27	35	50	<5	3.18	115	37	51	523	>10	<10	1.57	1405	3	0.17	22	960	4510	<5	<20	152	0.16	<10	150	<10	<1	5969
2	48202	27.6	5.09	25	40	<5	4.00	58	22	74	430	7.76	<10	1.12	1052	2	0.25	13	1260	1914	<5	<20	218	0.16	<10	140	<10	<1	2922
3	48203	12.6	3.63	<5	175	<5	3.75	68	28	53	354	8.89	<10	1.42	1409	1	0.26	15	1540	1176	<5	<20	173	0.20	<10	164	<10	<1	3020
4	48204	9.2	2.99	2040	35	<5	2.31	44	19	65	388	9.35	<10	1.02	853	7	0.09	13	1040	322	<5	<20	86	0.10	<10	80	<10	<1	2759
5	48205	10.0	2.22	10000	40	<5	1.65	<1	22	96	234	6.36	<10	0.76	654	27	0.03	25	1120	322	<5	<20	50	0.05	<10	76	<10	<1	3707
6	48206	2.2	2.92	10000	45	<5	1.68	9	54	80	345	>10	<10	1.63	1141	17	0.03	20	910	426	<5	<20	60	0.10	<10	174	<10	<1	8331
7	48207	9.4	3.93	4130	45	<5	2.50	<1	21	106	269	7.04	<10	2.07	1300	9	0.05	18	1230	342	<5	<20	82	0.16	<10	209	<10	<1	1345
8	48208	7.0	1.72	3325	40	<5	2.02	<1	17	86	345	7.95	<10	0.97	919	10	0.03	18	1060	258	<5	<20	41	0.08	<10	91	<10	<1	1178
9	48209	5.6	3.93	2020	45	<5	2.34	<1	20	78	482	9.18	<10	2.03	1529	8	0.05	20	1120	244	<5	<20	84	0.16	<10	192	<10	<1	820
10	48209B	7.4	3.33	1630	45	<5	1.92	16	24	76	588	>10	<10	1.82	1474	10	0.04	25	1020	284	<5	<20	69	0.14	<10	164	<10	<1	1546
11	48210	>30	4.26	860	60	<5	2.91	97	16	107	330	8.98	<10	1.43	1263	10	0.06	20	1030	4676	20	<20	190	0.11	<10	118	<10	<1	6323
12	48211	>30	3.58	1075	50	40	2.51	148	20	86	374	9.56	<10	1.45	1458	6	0.06	21	1090	10000	185	<20	142	0.11	<10	128	<10	<1	8936
13	48210B	22.4	3.66	2015	30	<5	3.35	104	17	81	392	7.81	<10	1.75	1669	8	0.12	16	1260	1224	<5	<20	102	0.13	<10	179	<10	<1	5533
14	48211	>30	1.04	2480	75	<5	1.72	195	40	58	1460	>10	<10	0.65	1388	24	0.01	52	250	220	<5	<20	22	0.05	<10	93	<10	<1	8630
15	48212	20.0	1.57	3415	75	<5	1.46	208	41	74	1377	>10	<10	0.88	1551	24	0.05	49	550	72	<5	<20	43	0.06	<10	133	<10	<1	9548
16	48213	5.2	5.82	1055	25	<5	4.51	70	17	100	415	8.06	<10	2.30	1660	11	0.14	18	2000	190	<5	<20	226	0.16	<10	208	<10	<1	3307
17	48214	9.0	3.91	3270	40	<5	2.73	3	21	97	498	>10	<10	1.71	1320	13	0.12	24	1430	350	<5	<20	141	0.13	<10	182	<10	<1	1829
18	48215	16.2	4.27	10000	25	<5	4.67	<1	81	90	421	>10	<10	1.39	1003	25	0.10	20	1610	360	<5	<20	154	0.07	<10	235	<10	<1	1736
19	48216	5.0	5.19	745	20	<5	4.06	49	17	81	387	7.45	<10	1.50	1043	21	0.24	19	1640	198	<5	<20	182	0.15	<10	234	<10	<1	2695
20	48217	2.8	3.42	570	40	<5	2.18	30	13	89	210	7.85	<10	2.46	1415	6	0.14	18	1700	180	<5	<20	77	0.23	<10	207	<10	1	1723
21	48218	10.0	1.51	915	55	<5	1.68	157	23	84	863	>10	<10	1.50	1708	20	0.01	34	70	290	<5	<20	21	0.09	<10	135	<10	<1	7297
22	48219	8.4	1.02	805	200	<5	3.22	16	17	126	476	>10	<10	1.04	1388	20	0.01	30	940	364	<5	<20	75	0.10	<10	208	<10	<1	1137
23	48220	10.6	4.76	1925	50	<5	3.36	1	19	107	457	8.27	<10	1.75	1526	30	0.20	22	1520	464	25	<20	149	0.14	<10	374	<10	<1	1117
24	48221	3.0	2.12	45	25	<5	1.86	3	11	82	126	4.76	<10	1.17	859	<1	0.15	4	1790	232	<5	<20	62	0.17	<10	54	<10	4	250
25	48222	4.8	1.46	30	30	<5	3.45	47	14	66	167	6.73	<10	1.10	1406	3	0.06	4	1440	356	<5	<20	45	0.15	<10	44	<10	1	1879

A-(964)

22-25
2-98
6-48
3-97
4-29
9-80
1-07
6-37
1-12, 1-33
0-83, 1-53

car. Rate

du (SIT)

RIDGE

EAST


Garstman Mine

Surface L. Terrace

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	T %	U	V	W	Y	Zn	
26	48223	>30	1.36	90	25	25	2.37	10	12	71	98	4.86	<10	0.95	1116	<1	0.06	6	1670	2238	<5	<20	44	0.17	<10	64	<10	4	360	<i>27.15</i>
27	48224	27.8	1.32	50	25	10	1.57	5	11	53	91	4.75	<10	1.02	907	<1	0.05	2	1750	1924	<5	<20	32	0.17	<10	61	<10	6	186	<i>15.95</i>
28	48225	1.8	1.17	10	25	<5	0.98	80	10	63	249	7.52	<10	0.85	892	3	0.02	8	1680	74	<5	<20	16	0.07	<10	41	<10	6	4094	<i>0.35</i>
29	48226	19.2	1.33	6100	70	<5	2.05	96	31	50	739	>10	<10	0.68	1301	13	0.05	38	1120	632	<5	<20	54	0.07	<10	39	<10	<1	7540	<i>1.24</i>
30	48227	>30	1.60	6125	50	<5	2.05	57	26	80	599	>10	<10	0.27	795	18	0.06	27	1000	2712	20	<20	60	0.08	<10	79	<10	<1	6140	<i>2.51</i>
31	48228	18.2	2.55	3155	55	<5	2.50	1	22	134	515	8.42	<10	1.36	1274	31	0.08	21	1570	792	<5	<20	147	0.13	<10	214	<10	<1	2177	<i>1.79</i>
32	48229	2.0	6.03	4495	40	<5	4.29	<1	30	110	183	6.81	<10	1.47	1070	<1	0.19	24	1540	172	<5	<20	247	0.17	<10	164	<10	<1	630	<i>0.28</i>
33	48230	8.4	4.79	45	60	<5	4.90	356	10	68	353	6.56	<10	0.97	1327	<1	0.12	12	1180	440	<5	<20	223	0.15	<10	124	<10	<1	10000	<i>3.43</i>
34	48231	18.2	3.81	3915	60	<5	2.24	76	28	96	325	>10	<10	1.55	1078	8	0.12	27	1250	464	<5	<20	91	0.15	<10	143	<10	<1	5096	<i>5.01</i>
35	48232	20.8	4.01	10000	70	<5	2.15	89	56	103	493	>10	<10	1.75	1332	11	0.12	35	1000	856	<5	<20	107	0.13	<10	170	<10	<1	10000	<i>5.02</i>
36	48233	>30	1.82	55	55	<5	6.11	216	29	74	546	8.87	<10	1.81	1876	<1	<0.01	22	1000	10000	<5	<20	56	0.09	<10	81	<10	<1	10000	<i>5.56</i>
37	48234	1.0	1.85	35	20	<5	>10	9	12	115	84	3.36	10	1.84	1242	88	0.02	97	1020	168	10	<20	319	0.03	<10	240	<10	19	566	<i><0.03</i>
38	48235	2.0	1.39	1865	45	<5	3.04	30	13	70	114	5.00	<10	0.75	1037	6	0.01	7	1420	126	<5	<20	41	0.08	<10	41	<10	8	1798	<i>2.12</i>
39	48236	1.8	2.66	540	45	5	9.04	31	17	55	98	6.46	<10	1.89	2104	4	<0.01	12	1710	74	<5	<20	124	0.09	<10	139	<10	6	1675	<i>0.95</i>
40	48237	6.2	2.91	495	60	<5	6.96	23	38	200	341	7.22	<10	3.02	2892	3	0.02	54	2740	536	10	<20	127	0.11	<10	200	<10	<1	1665	<i>0.86</i>
41	48238	12.8	3.71	365	55	<5	5.59	25	51	252	280	7.33	<10	3.52	2691	<1	0.10	70	3120	4222	<5	<20	323	0.14	<10	173	<10	<1	2283	<i>6.91</i>
42	48239	>30	2.88	105	55	<5	4.84	14	38	92	136	5.35	<10	2.06	1743	<1	0.16	43	2990	132E	<5	<20	128	0.16	<10	123	<10	4	1225	<i>6.22</i>
43	48240	0.4	3.32	65	45	<5	5.37	2	36	77	112	7.49	<10	2.73	1466	4	0.02	27	2010	3E	<5	<20	80	0.14	<10	255	<10	8	155	<i>0.08</i>
44	48241	0.2	3.61	25	45	<5	5.24	1	29	68	117	7.19	<10	2.62	1158	4	0.02	23	1850	32	<5	<20	80	0.11	<10	224	<10	8	108	<i><0.03</i>
45	48242	0.4	3.68	70	30	5	8.89	<1	22	57	68	5.28	<10	2.14	1089	4	0.01	22	1420	44	5	<20	169	0.10	<10	185	<10	5	116	<i>0.03</i>
46	48243	0.6	2.57	265	70	5	2.64	1	37	110	136	6.29	<10	2.00	1182	6	0.05	43	2190	30	<5	<20	60	0.18	<10	243	<10	7	157	<i>0.10</i>
47	48244	0.8	2.03	105	50	<5	2.16	2	39	139	146	4.86	<10	1.64	798	<1	0.03	53	2660	36	<5	<20	59	0.19	<10	102	<10	6	154	<i>0.15</i>
48	48245	0.8	2.87	435	45	5	4.25	17	45	95	136	5.41	<10	1.78	1152	<1	0.04	30	2850	54	<5	<20	107	0.22	<10	126	<10	6	888	<i>0.23</i>
49	48246	1.8	2.74	530	60	<5	3.80	73	37	132	184	6.74	<10	1.97	1528	2	0.08	32	2450	112	<5	<20	238	0.19	<10	142	<10	3	3721	<i>0.31</i>
50	48247	1.2	3.35	285	35	5	6.58	20	19	96	70	4.80	<10	1.67	1716	1	0.04	29	1350	52	<5	<20	146	0.13	<10	136	<10	5	1251	<i>0.34</i>
51	48248	1.2	2.54	585	50	<5	4.94	12	16	77	97	5.06	10	1.24	1851	5	0.07	17	1670	66	<5	<20	73	0.12	<10	88	<10	11	821	<i>0.58</i>
52	48249	1.2	2.45	465	50	<5	4.07	15	18	86	96	5.25	10	1.37	1741	4	0.06	21	1710	64	5	<20	67	0.12	<10	98	<10	10	941	<i>0.39</i>
53	48250	2.8	1.36	1045	35	5	3.94	11	14	67	75	4.39	10	0.91	1895	5	0.04	9	1530	98	<5	<20	65	0.10	<10	63	<10	10	665	<i>1.99</i>
54	48401	0.4	3.04	230	50	15	2.58	5	38	86	84	6.89	<10	1.88	1489	1	0.16	31	1760	68	<5	<20	75	0.18	<10	163	<10	4	354	<i>0.14</i>
55	48402	8.8	2.78	580	50	5	3.69	15	48	97	102	6.91	<10	1.80	1708	3	0.13	33	1700	320	<5	<20	93	0.17	<10	142	<10	4	926	<i>20.46</i>
56	48403	0.6	2.51	225	55	10	1.47	7	38	101	92	6.13	<10	1.58	1175	<1	0.14	26	1360	E4	<5	<20	67	0.24	<10	156	<10	4	566	<i>0.82</i>
57	48404	>30	2.48	395	35	10	5.05	31	40	<1	8E	4.97	<10	0.71	1214	<1	0.14	29	2130	1156	<5	<20	138	0.14	<10	56	<10	3	1801	<i>4.5.00</i>
58	48405	2.0	4.55	4000	55	<5	3.18	121	38	119	20C	7.06	<10	1.60	975	<1	0.07	16	1420	256	<5	<20	162	0.14	<10	183	<10	<1	6443	<i>1.40</i>
59	48406	>30	1.82	540	70	40	0.95	30	10	73	131	9.15	<10	0.57	575	9	0.04	3	1250	2946	<5	<20	56	0.09	<10	33	<10	<1	1361	<i>2.46</i>
60	48407	0.2	2.64	<5	75	<5	2.25	1	52	155	152	7.22	<10	1.74	1045	<1	0.11	60	4980	64	<5	<20	58	0.25	<10	194	<10	5	171	<i>0.23</i>

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn		
61	48408	3.8	1.65	3515	55	10	0.48	89	19	72	57	4.62	<10	0.85	959	17	0.03	12	1120	72	<5	<20	31	0.10	<10	40	<10	<1	5355	4.40	
62	48409	5.2	2.13	1315	55	10	0.72	77	12	89	71	4.46	<10	0.96	999	11	0.03	8	1130	362	<5	<20	37	0.10	<10	45	<10	<1	4238	0.73	
63	4807B	12.4	3.21	8735	65	5	2.46	137	33	111	329	9.72	<10	1.72	1200	11	0.04	26	1510	584	15	<20	70	0.13	<10	213	<10	<1	5966	1.64	
QC/DATA:																															
Resplit:																															
1	48201	>30	4.42	40	50	<5	3.50	131	30	71	437	9.79	<10	1.57	1525	<1	0.16	20	1040	4666	<5	<20	163	0.18	<10	159	<10	<1	6241	20.65	
2	36	48233	>30	2.04	80	70	<5	6.41	252	45	78	589	9.06	<10	1.89	1919	3	<0.01	24	1120	10000	<5	<20	63	0.11	<10	93	<10	<1	10000	
Repeat:																															
1	48201	>30	4.31	45	45	<5	3.45	125	34	58	455	9.47	<10	1.54	1468	<1	0.16	17	1090	4766	<5	<20	154	0.17	<10	151	<10	<1	5999	19.05	
10	48209B	8.2	3.34	1625	45	<5	2.02	19	22	80	575	>10	<10	1.79	1513	9	0.04	26	1190	322	<5	<20	70	0.15	<10	165	<10	<1	1644	3.19	
1	19	48216	4.8	5.28	705	20	<5	4.15	51	17	83	389	7.71	<10	1.54	1072	21	0.25	19	1710	208	<5	<20	186	0.16	<10	241	<10	<1	2800	
1	36	48233	>30	1.93	55	55	<5	6.54	239	35	79	591	9.27	<10	1.86	2010	<1	<0.01	24	1100	10000	<5	<20	57	0.10	<10	86	<10	<1	10000	
1	45	48242	0.8	3.74	85	30	5	9.40	<1	24	63	69	5.60	<10	2.14	1138	4	0.01	25	1590	48	<5	<20	171	0.11	<10	190	<10	5	121	
1	54	48401	0.4	3.08	210	50	10	2.63	4	36	87	84	6.96	<10	1.87	1505	<1	0.17	32	1840	74	<5	<20	76	0.19	<10	164	<10	4	369	1.40
Standard:																															
GEO96		1.2	2.08	65	170	<5	2.18	<1	22	79	85	4.03	<10	1.06	760	<1	0.02	30	760	26	<5	<20	66	0.17	<10	94	<10	4	76		
GEO96		1.2	2.09	60	190	5	2.32	<1	24	73	86	4.08	<10	1.10	740	<1	0.02	31	800	52	<5	<20	68	0.17	<10	94	<10	7	78		

di/948/948A
XLS/96KM SC#7


ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-948R

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

Phone: 604-573-5700
Fax : 604-573-4557

ATTENTION: P.CASH

No. of samples received: 63
Sample type: CORE
PROJECT #: BURTON
SHIPMENT #: NONE GIVEN
Samples submitted by: P.CASH

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	48201	>30	4.27	35	50	<5	3.18	115	37	51	523	>10	<10	1.57	1405	3	0.17	22	960	4540	<5	<20	152	0.16	<10	150	<10	<1	5969
2	48202	27.6	5.09	25	40	<5	4.00	58	22	74	430	7.76	<10	1.12	1052	2	0.25	13	1260	1964	<5	<20	218	0.16	<10	140	<10	<1	2922
3	48203	12.6	3.63	<5	175	<5	3.75	68	28	53	354	8.89	<10	1.42	1409	1	0.26	15	1540	1176	<5	<20	173	0.20	<10	164	<10	<1	3020
4	48204	9.2	2.99	2040	35	<5	2.31	44	19	65	388	9.35	<10	1.02	853	7	0.09	13	1040	322	<5	<20	86	0.10	<10	80	<10	<1	2759
5	48205	10.0	2.22	>10000	40	<5	1.65	20	22	96	234	6.36	<10	0.76	654	27	0.03	25	1120	322	<5	<20	50	0.05	<10	76	<10	<1	3707
6	48206	12.2	2.92	>10000	45	<5	1.68	9	54	80	345	>10	<10	1.63	1141	17	0.03	20	910	426	<5	<20	60	0.10	<10	174	<10	<1	8331
7	48207	9.4	3.93	4130	45	<5	2.50	30	21	106	269	7.04	<10	2.07	1300	9	0.05	18	1260	342	<5	<20	82	0.16	<10	209	<10	<1	1345
8	48208	7.0	1.72	3325	40	<5	2.02	15	17	86	345	7.95	<10	0.97	919	10	0.03	18	1060	258	<5	<20	41	0.08	<10	91	<10	<1	1178
9	48209	5.6	3.93	2020	45	<5	2.34	18	20	78	482	9.18	<10	2.03	1529	8	0.05	20	1120	244	<5	<20	84	0.16	<10	192	<10	<1	820
10	48209B	7.4	3.33	1630	45	<5	1.92	16	24	76	588	>10	<10	1.82	1474	10	0.04	25	1020	284	<5	<20	69	0.14	<10	164	<10	<1	1546
11	48210	>30	4.26	860	60	<5	2.91	97	18	107	330	8.98	<10	1.43	1263	10	0.06	20	1030	4676	20	<20	190	0.11	<10	118	<10	<1	6323
12	48210B	>30	3.58	1075	50	40	2.51	148	20	86	374	9.56	<10	1.45	1458	6	0.06	21	1090	>10000	185	<20	142	0.11	<10	128	<10	<1	8936
13	48211	22.4	3.66	2015	30	<5	3.35	104	17	81	392	7.81	<10	1.75	1669	8	0.12	16	1260	1024	<5	<20	102	0.13	<10	179	<10	<1	5533
14	48212	>30	1.04	2480	75	<5	1.72	195	40	58	1460	>10	<10	0.65	1388	24	0.01	52	250	920	<5	<20	22	0.05	<10	93	<10	<1	8630
15	48213	20.0	1.57	3415	75	<5	1.46	208	41	74	1377	>10	<10	0.88	1551	24	0.05	49	550	772	<5	<20	43	0.06	<10	133	<10	<1	9548
16	48214	5.2	5.82	1055	25	<5	4.51	70	17	100	415	8.06	<10	2.30	1660	11	0.14	18	2000	190	<5	<20	226	0.16	<10	208	<10	<1	3307
17	48215	9.0	3.91	3270	40	<5	2.73	3	21	97	498	>10	<10	1.71	1320	13	0.12	24	1480	350	<5	<20	141	0.13	<10	182	<10	<1	1829
18	48216	16.2	4.27	>10000	25	<5	4.67	<1	81	90	421	>10	<10	1.39	1003	25	0.10	20	1610	560	<5	<20	154	0.07	<10	235	<10	<1	1736
19	48217	5.0	5.19	745	20	<5	4.06	49	17	81	387	7.45	<10	1.50	1043	21	0.24	19	1640	198	<5	<20	182	0.15	<10	234	<10	<1	2695
20	48218	2.8	3.42	570	40	<5	2.18	30	18	89	210	7.85	<10	2.46	1415	6	0.14	18	1700	180	<5	<20	77	0.23	<10	207	<10	1	1723
21	48219	10.0	1.51	915	55	<5	1.68	157	23	84	863	>10	<10	1.50	1708	20	0.01	34	870	290	<5	<20	21	0.09	<10	135	<10	<1	7297
22	48220	8.4	1.02	805	200	<5	3.22	16	17	126	476	>10	<10	1.04	1388	20	0.01	30	840	364	<5	<20	75	0.10	<10	208	<10	<1	1137
23	48221	10.6	4.76	1925	50	<5	3.36	1	19	107	457	8.27	<10	1.75	1526	30	0.20	22	1520	464	25	<20	149	0.14	<10	374	<10	<1	1117
24	48222	3.0	2.12	45	25	<5	1.86	3	11	82	126	4.76	<10	1.17	859	<1	0.15	4	1790	232	<5	<20	62	0.17	<10	54	<10	4	250
25	48223	4.8	1.46	30	30	<5	3.45	47	14	66	167	6.73	<10	1.10	1406	3	0.06	4	1440	356	<5	<20	45	0.15	<10	44	<10	1	1879

604 573 5700
604 573 4557
10/20/96

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	48224	>30	1.36	90	25	25	2.37	10	12	71	98	4.86	<10	0.95	1116	<1	0.06	6	1670	2238	<5	<20	44	0.17	<10	64	<10	4	360
27	48225	27.8	1.32	50	25	10	1.57	5	11	53	91	4.75	<10	1.02	907	<1	0.05	2	1750	1924	<5	<20	32	0.17	<10	61	<10	6	188
28	48226	1.8	1.17	10	25	<5	0.98	80	10	63	249	7.52	<10	0.85	892	3	0.02	8	1680	74	<5	<20	16	0.07	<10	41	<10	6	4094
29	48227	19.2	1.33	6100	70	<5	2.05	96	31	50	739	>10	<10	0.68	1301	13	0.05	38	1120	632	<5	<20	54	0.07	<10	39	<10	<1	7540
30	48228	>30	1.60	6125	50	<5	2.05	57	26	80	599	>10	<10	0.27	795	18	0.06	27	1000	2712	20	<20	60	0.08	<10	79	<10	<1	6140
31	48229	18.2	2.55	3155	55	<5	2.50	1	22	134	515	8.42	<10	1.36	1274	31	0.08	21	1570	792	<5	<20	147	0.13	<10	214	<10	<1	2177
32	48230	2.0	6.03	4495	40	<5	4.29	<1	30	110	183	6.81	<10	1.47	1070	<1	0.19	24	1540	172	<5	<20	247	0.17	<10	164	<10	<1	630
33	48231	8.4	4.79	45	60	<5	4.90	356	10	68	353	6.56	<10	0.97	1327	<1	0.12	12	1180	440	<5	<20	223	0.15	<10	124	<10	<1	>10000
34	48232	18.2	3.81	3915	60	<5	2.24	76	28	96	325	>10	<10	1.55	1078	8	0.12	27	1250	464	<5	<20	91	0.15	<10	143	<10	<1	5096
35	48233	20.8	4.01	>10000	70	<5	2.15	89	56	103	493	>10	<10	1.75	1332	11	0.12	35	1000	856	<5	<20	107	0.13	<10	170	<10	<1	>10000
36	48234	>30	1.82	55	55	<5	6.11	216	29	74	546	8.87	<10	1.81	1876	<1	<0.01	22	1000	>10000	<5	<20	56	0.09	<10	81	<10	<1	>10000
37	48235	1.0	1.85	35	20	<5	>10	9	12	115	84	3.36	10	1.84	1242	88	0.02	97	1020	168	10	<20	319	0.03	<10	240	<10	19	566
38	48236	2.0	1.39	1865	45	<5	3.04	30	13	70	114	5.00	<10	0.75	1037	6	0.01	7	1420	126	<5	<20	41	0.08	<10	41	<10	8	1798
39	48237	1.8	2.66	540	45	5	9.04	31	17	55	98	6.46	<10	1.89	2104	4	<0.01	12	1710	74	<5	<20	124	0.09	<10	139	<10	6	1675
40	48238	6.2	2.91	495	60	<5	6.96	23	38	200	341	7.22	<10	3.02	2892	3	0.02	54	2740	536	10	<20	127	0.11	<10	200	<10	<1	1665
41	48239	12.8	3.71	365	55	<5	5.59	25	51	252	280	7.33	<10	3.52	2691	<1	0.10	70	3120	4222	<5	<20	323	0.14	<10	173	<10	<1	2283
42	48240	>30	2.88	105	55	<5	4.84	14	38	92	136	5.35	<10	2.06	1743	<1	0.16	43	2990	1328	<5	<20	128	0.16	<10	123	<10	4	1225
43	48241	0.4	3.32	65	45	<5	5.37	2	36	77	112	7.49	<10	2.73	1466	4	0.02	27	2010	38	<5	<20	80	0.14	<10	255	<10	8	155
44	48242	0.2	3.61	25	45	<5	5.24	1	29	68	117	7.19	<10	2.62	1158	4	0.02	23	1850	32	<5	<20	80	0.11	<10	224	<10	8	108
45	48243	0.4	3.68	70	30	5	8.89	<1	22	57	68	5.28	<10	2.14	1089	4	0.01	22	1420	44	5	<20	169	0.10	<10	185	<10	5	116
46	48244	0.6	2.57	265	70	5	2.64	1	37	110	136	6.29	<10	2.00	1182	6	0.05	43	2190	30	<5	<20	60	0.18	<10	243	<10	7	157
47	48245	0.8	2.03	105	50	<5	2.16	2	39	139	146	4.86	<10	1.64	798	<1	0.03	53	2660	36	<5	<20	59	0.19	<10	102	<10	6	154
48	48246	0.8	2.87	435	45	5	4.25	17	45	95	136	5.41	<10	1.78	1152	<1	0.04	30	2850	54	<5	<20	107	0.22	<10	126	<10	6	888
49	48247	1.8	2.74	530	60	<5	3.80	73	37	132	184	6.74	<10	1.97	1528	2	0.08	32	2450	112	<5	<20	238	0.19	<10	142	<10	3	3721
50	48248	1.2	3.35	285	35	5	6.58	20	19	96	70	4.80	<10	1.67	1716	1	0.04	29	1350	52	<5	<20	146	0.13	<10	136	<10	5	1251
51	48249	1.2	2.54	585	50	<5	4.94	12	16	77	97	5.06	10	1.24	1851	5	0.07	17	1670	66	<5	<20	73	0.12	<10	88	<10	11	821
52	48249B	1.2	2.45	465	50	<5	4.07	15	18	86	96	5.25	10	1.37	1741	4	0.06	21	1710	64	5	<20	67	0.12	<10	98	<10	10	941
53	48250	2.8	1.36	1045	35	5	3.94	11	14	67	75	4.39	10	0.91	1895	5	0.04	9	1530	98	<5	<20	65	0.10	<10	63	<10	10	665
54	48401	0.4	3.04	230	50	15	2.58	5	38	86	84	6.89	<10	1.88	1489	1	0.16	31	1760	68	<5	<20	75	0.18	<10	163	<10	4	354
55	48402	8.6	2.78	580	50	5	3.69	15	48	97	102	6.91	<10	1.80	1708	3	0.13	33	1700	330	<5	<20	93	0.17	<10	142	<10	4	926
56	48403	0.6	2.51	225	55	10	1.47	7	38	101	92	6.13	<10	1.58	1175	<1	0.14	26	1360	84	<5	<20	67	0.24	<10	156	<10	4	566
57	48404	>30	2.48	395	35	10	5.05	31	40	<1	89	4.97	<10	0.71	1214	<1	0.14	29	2130	1136	<5	<20	138	0.14	<10	56	<10	3	1801
58	48405	2.0	4.55	4000	55	<5	3.18	121	38	119	200	7.06	<10	1.60	975	<1	0.07	16	1420	256	<5	<20	162	0.14	<10	183	<10	<1	6443
59	48406	>30	1.82	540	70	40	0.95	30	10	73	131	9.15	<10	0.57	575	9	0.04	3	1250	2946	<5	<20	58	0.09	<10	33	<10	<1	1361
60	48407	0.2	2.64	<5	75	<5	2.25	1	52	155	152	7.22	<10	1.74	1045	<1	0.11	60	4980	64	<5	<20	58	0.25	<10	194	<10	5	171

AMT RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 96-948R

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	48408	3.8	1.65	3515	55	10	0.48	89	19	72	57	4.62	<10	0.85	959	17	0.03	12	1120	72	<5	<20	31	0.10	<10	40	<10	<1	5355
62	48409	5.2	2.13	1315	55	10	0.72	77	12	89	71	4.46	<10	0.96	999	11	0.03	8	1130	362	<5	<20	37	0.10	<10	45	<10	<1	4238
63	4807B	12.4	3.21	8735	65	5	2.46	137	33	111	329	9.72	<10	1.72	1200	11	0.04	26	1510	584	15	<20	70	0.13	<10	213	<10	<1	5966

QC/DATA:

Resplit:

1	48201	>30	4.42	40	50	<5	3.50	131	30	71	437	9.79	<10	1.57	1525	<1	0.16	20	1040	4666	<5	<20	163	0.18	<10	159	<10	<1	6241
36	48234	>30	2.04	80	70	<5	6.41	252	45	78	589	9.06	<10	1.89	1919	3	<0.01	24	1120	>10000	<5	<20	63	0.11	<10	93	<10	<1	>10000


Repeat:

1	48201	>30	4.31	45	45	<5	3.45	125	34	58	455	9.47	<10	1.54	1468	<1	0.16	17	1090	4766	<5	<20	154	0.17	<10	151	<10	<1	5999
10	48209B	8.2	3.34	1625	45	<5	2.02	19	22	80	575	>10	<10	1.79	1513	9	0.04	26	1190	322	<5	<20	70	0.15	<10	165	<10	<1	1644
19	48217	4.8	5.28	705	20	<5	4.15	51	17	83	389	7.71	<10	1.54	1072	21	0.25	19	1710	208	<5	<20	186	0.16	<10	241	<10	<1	2800
36	48234	>30	1.93	55	55	<5	6.54	239	35	79	591	9.27	<10	1.86	2010	<1	<0.01	24	1100	>10000	<5	<20	57	0.10	<10	86	<10	<1	>10000
45	48243	0.8	3.74	85	30	5	9.40	<1	24	63	69	5.60	<10	2.14	1138	4	0.01	25	1590	48	<5	<20	171	0.11	<10	190	<10	5	121
54	48401	0.4	3.08	210	50	10	2.63	4	36	87	84	6.96	<10	1.87	1505	<1	0.17	32	1840	74	<5	<20	76	0.19	<10	164	<10	4	369

Standard:

GEO96		1.2	2.08	65	170	<5	2.18	<1	22	79	85	4.03	<10	1.06	760	<1	0.02	30	760	26	<5	<20	66	0.17	<10	94	<10	4	76
GEO96		1.2	2.09	60	190	5	2.32	<1	24	73	86	4.08	<10	1.10	740	<1	0.02	31	800	52	<5	<20	68	0.17	<10	94	<10	7	78

df/948/948A
XLS/96KMISC#7


ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

18-Sep-96

ECO-TECH LABORATORIES LTD.
 10041 East Trans Canada Highway
 KAMLOOPS, B.C.
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1101

AMT RESOURCES
 60 QUEEN ST. STE 1400
 OTTAWA, ON
 K1P 5Y7

ATTENTION: P.CASH

Phone: 604-573-5700
 Fax : 604-573-4557


No. of samples received: 33
 Sample type: ROCK
 PROJECT #: TILLICURE
 SHIPMENT #: NONE GIVEN
 Samples submitted by: AMT RESOURCES

Values in ppm unless otherwise reported

Et #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	71801	15.6	2.11	180	55	<5	1.03	26	9	96	128	>10	<10	0.67	551	8	0.05	3	680	852	<5	<20	83	0.09	<10	37	<10	<1	1236
2	71802	0.8	1.08	60	35	<5	0.30	2	6	92	34	5.89	<10	0.44	504	6	0.07	4	990	44	<5	<20	28	0.07	<10	48	<10	<1	206
3	71803	0.6	2.56	15	40	<5	3.12	1	16	171	68	5.18	<10	3.29	1753	37	0.01	47	800	12	<5	<20	60	0.04	<10	128	<10	9	65
4	71804	0.6	1.72	<5	50	<5	0.91	1	12	138	47	3.61	<10	0.97	459	28	0.07	34	1450	10	<5	<20	70	0.07	<10	61	<10	10	72
5	71805	0.8	2.36	<5	35	<5	1.56	5	22	176	96	5.03	<10	0.60	448	22	0.11	49	1410	8	<5	<20	104	0.11	<10	159	<10	2	234
6	71806	0.8	2.04	<5	20	<5	1.39	5	14	189	68	3.76	<10	0.52	323	47	0.12	71	1260	8	<5	<20	55	0.09	<10	170	<10	3	267
7	71807	1.0	4.16	250	55	<5	0.55	1	42	279	123	8.10	<10	4.20	2960	5	0.03	70	2020	40	<5	<20	28	0.04	<10	284	<10	4	277
8	71808	1.8	2.89	1250	55	<5	0.74	<1	25	46	73	7.45	<10	2.10	1812	5	0.05	9	1270	34	<5	<20	23	0.16	<10	189	<10	<1	188
9	71809	13.8	2.25	305	55	5	0.40	46	18	82	154	8.40	<10	1.79	1421	8	0.03	9	1160	1166	<5	<20	18	0.05	<10	176	<10	<1	2773
10	71810	1.8	2.72	380	40	<5	0.83	4	28	62	66	7.39	<10	2.17	1657	3	0.08	10	1260	316	<5	<20	30	0.12	<10	216	<10	<1	663
11	71811	0.8	2.52	50	40	<5	1.10	21	23	72	82	7.22	<10	1.50	1133	3	0.13	12	1540	44	<5	<20	47	0.15	<10	195	<10	<1	1060
12	71812	1.0	1.90	370	40	<5	0.56	40	13	80	90	5.93	<10	1.16	928	4	0.08	5	1600	56	<5	<20	19	0.12	<10	90	<10	5	2397
13	71813	0.6	1.61	35	50	<5	0.93	<1	16	139	39	4.80	<10	1.21	920	48	0.03	85	1260	8	<5	<20	19	0.05	<10	87	<10	7	60
14	71814	0.8	2.28	100	30	<5	0.47	8	33	64	81	4.43	<10	0.52	1698	5	0.03	8	910	28	<5	<20	10	0.07	<10	33	<10	5	624
15	71815	2.2	3.90	2890	30	<5	2.09	<1	10	36	93	6.57	<10	0.57	670	8	0.01	7	840	38	<5	<20	58	0.06	<10	61	<10	<1	576
16	71816	1.0	2.84	335	35	<5	1.12	7	26	67	83	5.48	<10	1.25	1487	8	0.03	23	1010	18	<5	<20	136	0.07	<10	275	<10	1	1547
17	71817	3.0	3.32	870	40	<5	0.81	9	31	63	135	8.21	<10	1.67	2097	8	0.02	23	1080	22	<5	<20	38	0.03	<10	156	<10	5	2433
18	71818	2.4	2.05	1000	40	<5	0.29	16	18	92	148	8.75	<10	1.17	1469	23	0.02	19	920	42	<5	<20	7	0.07	<10	213	<10	<1	1595
19	71819	5.8	3.15	815	40	<5	1.75	22	8	75	74	5.42	<10	0.92	835	4	0.13	8	1190	128	30	<20	65	0.07	<10	34	<10	2	1827
20	71820	2.2	2.83	1285	25	<5	1.57	1	6	53	45	4.95	<10	0.86	728	4	0.04	5	850	38	<5	<20	121	0.06	<10	45	<10	<1	903

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	71821	0.6	2.21	135	25	<5	1.01	34	11	77	42	5.66	<10	0.92	895	1	0.10	6	1190	4	<5	<20	65	0.16	<10	81	<10	5	2381
22	71822	0.6	2.61	125	15	<5	1.72	9	10	45	30	3.99	<10	0.83	865	3	0.03	10	960	10	<5	<20	76	0.07	<10	60	<10	1	1444
23	71823	0.8	2.88	1265	35	<5	1.03	11	24	95	48	6.03	<10	1.84	2669	2	0.09	28	1100	12	<5	<20	32	0.10	<10	130	<10	<1	860
24	71824	0.6	2.90	75	50	<5	0.70	3	21	94	68	5.88	<10	1.92	1369	4	0.03	30	1050	16	<5	<20	33	0.16	<10	213	<10	5	351
25	71825	<0.2	1.66	40	10	<5	>10	5	8	116	7	2.53	<10	1.63	1052	18	<0.01	75	620	14	5	<20	228	0.03	<10	221	<10	11	283
26	71826	4.0	1.05	6765	70	<5	0.21	<1	10	85	109	5.34	<10	0.26	236	8	0.03	7	780	64	<5	<20	100	0.04	<10	24	<10	<1	337
27	71827	7.8	1.14	1860	80	<5	0.27	<1	6	74	67	4.36	<10	0.28	197	6	0.03	6	1150	350	<5	<20	37	0.05	<10	32	<10	1	382
28	71828	<0.2	1.28	<5	45	<5	0.98	<1	41	83	112	6.28	<10	0.85	512	4	0.09	34	1370	8	<5	<20	48	0.16	<10	119	<10	<1	58
29	71829	4.6	1.47	2925	55	<5	0.58	<1	15	103	175	8.12	<10	0.48	446	8	0.04	12	1130	106	<5	<20	52	0.06	<10	57	<10	<1	1097
30	71830	0.6	1.27	<5	45	<5	0.99	2	81	65	282	>10	<10	0.70	489	7	0.08	58	1470	14	<5	<20	40	0.12	<10	77	<10	<1	73
31	71831	2.6	2.79	<5	105	<5	1.06	2	58	507	268	7.89	<10	2.43	2014	2	0.08	123	2460	16	<5	<20	49	0.22	<10	183	<10	<1	213
32	71832	1.8	2.27	<5	85	<5	2.38	3	34	117	159	5.80	<10	1.35	1490	24	0.02	25	2100	60	<5	<20	28	0.13	<10	121	<10	<1	322
33	71833	2.2	1.83	345	40	<5	0.74	155	12	75	112	5.67	<10	0.59	596	5	0.09	5	810	156	<5	<20	38	0.07	<10	29	<10	<1	5702
QC DATA:																													
Resplit:																													
R/S 1	71801	15.8	2.10	180	50	<5	1.10	29	9	88	119	>10	<10	0.64	558	8	0.04	3	770	872	<5	<20	81	0.08	<10	36	<10	<1	1365
Repeat:																													
1	71801	14.8	2.16	195	55	<5	1.11	27	10	103	127	>10	<10	0.68	586	9	0.04	4	760	924	<5	<20	81	0.09	<10	39	<10	<1	1268
10	71810	2.0	2.60	365	45	5	0.80	4	26	60	63	7.15	<10	2.10	1600	3	0.07	12	1250	310	<5	<20	30	0.12	<10	208	<10	<1	642
19	71819	5.8	3.18	820	40	5	1.78	22	8	76	76	5.49	<10	0.93	849	4	0.13	7	1210	124	25	<20	67	0.07	<10	35	<10	2	1844
Standard:																													
GEO'96		1.2	1.93	55	155	<5	1.98	<1	21	68	76	4.12	<10	1.05	774	<1	0.02	22	750	18	<5	<20	55	0.14	<10	86	<10	4	68

d/1101
XLS/96KMISC#8

per 
 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

16-Oct-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1207

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

ATTENTION: P.CASH

Phone: 604-573-5700
Fax : 604-573-4557

No. of samples received: 19
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: AMT RESOURCES


Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	71846	18.6	0.44	<5	40	<5	0.31	391	37	66	765	>10	<10	0.15	368	13	0.03	27	60	3166	<5	<20	21	0.03	10	24	<10	<1	>10000
2	71847	29.6	0.72	<5	45	<5	0.24	750	40	32	585	>10	<10	0.35	630	<1	0.04	12	160	>10000	<5	<20	13	0.03	<10	28	<10	<1	>10000
3	71848	>30	0.24	<5	35	1820	0.38	>1000	115	60	431	>10	<10	0.04	425	20	0.01	80	220	>10000	<5	<20	10	0.04	10	16	<10	<1	>10000
4	71849	1.0	2.01	<5	250	10	2.86	6	29	203	28	4.60	20	3.46	827	<1	0.14	59	2310	104	<5	<20	179	0.27	<10	107	<10	16	218
5	71850	0.6	0.94	15	20	<5	0.82	2	9	43	38	2.46	<10	0.74	430	1	0.04	2	1190	60	<5	<20	25	0.15	<10	41	<10	13	142
6	71851	0.4	0.83	<5	20	<5	0.76	3	12	45	52	3.28	<10	0.60	362	<1	0.03	3	1250	32	<5	<20	23	0.17	<10	47	<10	17	153
7	71852	2.2	2.63	160	25	<5	1.84	15	27	90	65	4.64	<10	1.18	953	1	0.14	24	800	484	<5	<20	71	0.17	<10	101	<10	<1	1124
8	71853	0.8	2.46	200	25	<5	2.08	<1	32	52	66	4.69	<10	0.79	716	<1	0.18	28	1050	56	<5	<20	88	0.14	<10	64	<10	<1	182
9	71854	<0.2	1.64	10	45	<5	0.88	3	14	63	47	3.26	<10	1.08	763	2	0.07	4	1170	26	<5	<20	33	0.19	<10	70	<10	18	185
10	71855	0.8	1.45	535	25	<5	0.73	<1	13	58	58	4.31	<10	0.78	495	<1	0.07	3	1160	40	<5	<20	26	0.18	<10	69	<10	12	148
11	71856	1.0	0.92	135	35	<5	0.50	<1	11	52	101	4.50	<10	0.76	435	2	0.03	3	1140	48	<5	<20	13	0.16	<10	73	<10	15	232
12	71857	>30	1.84	1880	80	<5	0.93	586	59	2	867	>10	<10	0.94	1240	10	0.08	27	100	1056	<5	<20	49	0.06	<10	30	<10	<1	>10000
13	71858	17.2	1.73	330	40	<5	0.64	18	20	47	272	7.07	<10	1.14	720	3	0.07	10	830	810	<5	<20	34	0.16	<10	92	<10	<1	1572
14	71859	3.2	2.92	810	60	<5	0.98	3	28	53	154	6.93	<10	1.98	1165	1	0.14	14	1200	516	<5	<20	59	0.23	<10	187	<10	<1	1175
15	71860	7.8	4.23	15	55	<5	2.06	49	32	63	224	6.88	<10	1.76	1125	<1	0.30	18	930	906	<5	<20	110	0.22	<10	157	<10	<1	2926
16	71861	1.0	3.55	10	80	<5	1.22	9	27	51	111	6.56	<10	2.09	1249	<1	0.18	14	1000	192	<5	<20	56	0.27	<10	181	<10	<1	773
17	71862	2.8	4.09	20	75	<5	1.43	17	26	72	128	6.70	<10	2.12	1158	<1	0.24	16	950	638	<5	<20	93	0.25	<10	192	<10	<1	1178
18	71863	2.8	1.03	805	75	<5	2.21	577	65	17	767	>10	<10	0.28	1561	8	0.03	66	<10	138	<5	<20	61	0.03	<10	28	<10	<1	>10000
19	71864	16.8	2.81	130	40	<5	1.84	330	36	61	311	9.57	<10	0.85	766	<1	0.13	28	610	4206	<5	<20	73	0.10	<10	89	<10	<1	>10000

ICP CERTIFICATE OF ANALYSIS AK 96-1207

AMT RESOURCES

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
<i>Resplit:</i>																													
1	71846	18.4	0.47	<5	35	<5	0.32	386	37	72	752	>10	<10	0.16	363	16	0.03	27	72	3154	<5	<20	20	0.04	10	26	<10	<1	>10000
<i>Repeat:</i>																													
1	71846	18.6	0.45	<5	40	<5	0.33	396	37	70	821	>10	<10	0.16	378	11	0.04	28	70	3278	<5	<20	21	0.04	10	25	<10	<1	>10000
10	71855	0.6	1.48	560	25	<5	0.76	<1	13	60	58	4.38	<10	0.79	504	<1	0.08	3	1190	36	<5	<20	26	0.19	<10	71	<10	12	146
<i>Standard:</i>																													
GEO'96		1.2	1.76	65	160	<5	1.74	<1	19	62	78	3.90	<10	1.06	652	<1	0.02	23	690	22	<5	<20	58	0.14	<10	78	<10	7	72


 ECO-TECH LABORATORIES LTD.
 per Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

dl/1207
 XLS/96KMISC#9
 fax@208-788-5924/p.cash
 cc:fax@604-352-2832/g/addie

ECO-TECH LAB.

573-557

13

18/

21-Oct-96

ICP CERTIFICATE OF ANALYSIS AK 96-1207

AMT RESOURCES
60 QUEEN ST. STE 1400
OTTAWA, ON
K1P 5Y7

ATTENTION: P.CASH

TECH LABORATORIES LTD.
E t Trans Canada Highway
COUPS, B.C.

5T4

604-573-5700
604-573-4557

Post-it [®] Fax Note		7671E	Date <u>Oct 21</u>	# of pages <u>2</u>
To <u>Phil & George</u>	From			
Co./Dept.	Co. <u>K% Added.</u>			
Phone #	Phone # <u>See Te Still</u>			
Fax #	Fax # <u>to come</u>			

No. of samples received: 19
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: AMT RESOURCES


uses in ppm unless otherwise reported

Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
71846	18.6	0.44	<5	40	<5	0.31	391	37	66	765	>10	0.04	<10	0.15	368	13	0.03	27	60	3166	<5	<20	21	0.03	10	24	<10	<1	>10000
71847	29.6	0.72	<5	45	<5	0.24	750	40	32	585	>10	0.11	<10	0.35	630	<1	0.04	12	160	>10000	<5	<20	13	0.03	<10	28	<10	<1	>10000
71848	>30	0.24	<5	35	1820	0.38	>1000	115	60	431	>10	0.01	<10	0.04	425	20	0.01	80	220	>10000	<5	<20	10	0.04	10	16	<10	<1	>10000
71849	1.0	2.01	<5	250	10	2.86	6	29	203	28	4.60	0.28	<20	3.46	827	<1	0.14	59	2310	104	<5	<20	179	0.27	<10	107	<10	16	218
71850	0.6	0.94	15	20	<5	0.82	2	9	43	38	2.46	0.13	<10	0.74	430	1	0.04	2	1190	60	<5	<20	25	0.15	<10	41	<10	13	142
71851	0.4	0.83	<5	20	<5	0.76	3	12	45	52	3.28	0.13	<10	0.60	362	<1	0.03	3	1250	32	<5	<20	23	0.17	<10	47	<10	17	153
71852	2.2	2.63	160	25	<5	1.84	15	27	90	65	4.64	0.16	<10	1.18	953	1	0.14	24	800	484	<5	<20	71	0.17	<10	101	<10	<1	1124
71853	0.8	2.46	200	25	<5	2.08	<1	32	52	66	4.69	0.06	<10	0.79	716	<1	0.18	28	1050	56	<5	<20	88	0.14	<10	64	<10	<1	182
71854	<0.2	1.64	10	45	<5	0.88	3	14	63	47	3.26	0.29	<10	1.08	763	2	0.07	4	1170	26	<5	<20	33	0.19	<10	70	<10	18	185
71855	0.8	1.45	535	25	<5	0.73	<1	13	58	58	4.31	0.27	<10	0.78	495	<1	0.07	3	1160	40	<5	<20	26	0.18	<10	69	<10	12	148
71856	1.0	0.92	135	35	<5	0.50	<1	11	52	101	4.50	0.12	<10	0.76	435	2	0.03	3	1140	48	<5	<20	13	0.16	<10	73	<10	15	232
71857	>30	1.84	1880	80	<5	0.93	586	59	2	867	>10	0.09	<10	0.94	1240	10	0.08	27	100	1056	<5	<20	49	0.06	<10	30	<10	<1	>10000
71858	17.2	1.73	330	40	<5	0.64	18	20	47	272	7.07	0.38	<10	1.14	720	3	0.07	10	830	810	<5	<20	34	0.16	<10	92	<10	<1	1572
71859	3.2	2.92	810	60	<5	0.98	3	28	53	154	6.93	1.10	<10	1.98	1165	1	0.14	14	1200	516	<5	<20	59	0.23	<10	187	<10	<1	1175
71860	7.8	4.23	15	55	<5	2.06	49	32	63	224	6.88	0.93	<10	1.76	1125	<1	0.30	18	930	906	<5	<20	110	0.22	<10	157	<10	<1	2926
71861	1.0	3.55	10	80	<5	1.22	9	27	51	111	6.56	1.35	<10	2.09	1249	<1	0.18	14	1000	192	<5	<20	56	0.27	<10	181	<10	<1	773
71862	2.8	4.09	20	75	<5	1.43	17	26	72	128	6.70	1.35	<10	2.12	1158	<1	0.24	16	950	638	<5	<20	93	0.25	<10	192	<10	<1	1178
71863	2.8	1.03	805	75	<5	2.21	577	65	17	767	>10	0.03	<10	0.28	1561	8	0.03	66	<10	138	<5	<20	61	0.03	<10	28	<10	<1	>10000
71864	16.8	2.81	130	40	<5	1.84	330	36	61	311	9.57	0.06	<10	0.85	766	<1	0.13	28	610	4206	<5	<20	73	0.10	<10	89	<10	<1	>10000

ICP CERTIFICATE OF ANALYSIS AK 96-1207

RESOURCES

t #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
JA lit: 1	71846	18.4	0.47	<5	35	<5	0.32	386	37	72	752	>10	0.04	<10	0.16	363	16	0.03	27	72	3154	<5	<20	20	0.04	10	26	<10	<1	>10000
es 1	71846	18.6	0.45	<5	40	<5	0.33	396	37	70	821	>10	0.04	<10	0.16	378	11	0.04	28	70	3276	<5	<20	21	0.04	10	25	<10	<1	>10000
10	71855	0.6	1.48	560	25	<5	0.76	<1	13	60	58	4.38	<10	0.79	504	<1	0.08	3	1190	36	<5	<20	26	0.19	<10	71	<10	12	146	
nd: Jr		1.2	1.76	65	160	<5	1.74	<1	19	62	78	3.90	0.39	<10	1.06	652	<1	0.02	23	690	22	<5	<20	58	0.14	<10	78	<10	7	72


 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer


12
 S/96KMISC#9
 @208-788-5924/p.cash
 fa 604-352-2832/g/addie

ICP CERTIFICATE OF ANALYSIS AK 96-1207

ECO-TECH LABORATORIES LTD.

SOURCES

#	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
	71846	18.4	0.47	<5	35	<5	0.32	386	37	72	752	>10	<10	0.16	363	16	0.03	27	72	3154	<5	<20	20	0.04	10	26	<10	<1	>10000
	71846	18.6	0.45	<5	40	<5	0.33	398	37	70	821	>10	<10	0.16	378	11	0.04	28	70	3276	<5	<20	21	0.04	10	25	<10	<1	>10000
	71855	0.6	1.48	560	25	<5	0.76	<1	13	60	58	4.38	<10	0.79	504	<1	0.08	3	1190	36	<5	<20	26	0.19	<10	71	<10	12	146
		12	1.76	65	180	<5	1.74	<1	19	62	78	3.90	<10	1.06	652	<1	0.02	23	690	22	<5	<20	58	0.14	<10	78	<10	7	72


 ECO-TECH LABORATORIES LTD.
 Frank J. Pezzotti, A.Sc.T.
 B.C. Certified Assayer

3/98/MISC/9
 @ 788-788-5924/p.cash
 fax 604-352-2832/g.addie

16-Oct-96

EQO-TECH LABORATORIES LTD.
 11 East Trans Canada Highway
 AMLOOPS, B.C.
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1207

AMT RESOURCES
 80 QUEEN ST. STE 1400
 OTTAWA, ON
 K1P 5Y7

ATTENTION: P.CASH

Phone: 604-573-5700
 Fax: 604-573-4567

No. of samples received: 19
 Sample type: ROCK
 PROJECT #: NONE GIVEN
 SHIPMENT #: NONE GIVEN
 Samples submitted by: AMT RESOURCES

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	71846	18.6	0.44	<5	40	<5	0.31	391	37	66	765	>10	<10	0.15	368	13	0.03	27	60	3188	<5	<20	21	0.03	10	24	<10	<1	>10000
2	71847	29.6	0.72	<5	45	<5	0.24	750	40	32	585	>10	<10	0.35	630	<1	0.04	12	160	>10000	<5	<20	13	0.03	<10	28	<10	<1	>10000
3	71848	>30	0.24	<5	35	1820	0.38	>1000	115	60	431	>10	<10	0.04	425	20	0.01	80	220	>10000	<5	<20	10	0.04	10	16	<10	<1	>10000
4	71849	1.0	2.01	<5	250	10	2.86	6	29	203	28	4.60	20	3.46	827	<1	0.14	59	2310	104	<5	<20	179	0.27	<10	107	<10	16	218
5	71850	0.6	0.94	15	20	<5	0.82	2	9	43	38	2.46	<10	0.74	430	1	0.04	2	1190	60	<5	<20	25	0.15	<10	41	<10	13	142
6	71851	0.4	0.83	<5	20	<5	0.76	3	12	45	52	3.28	<10	0.60	362	<1	0.03	3	1250	32	<5	<20	23	0.17	<10	47	<10	17	153
7	71852	2.2	2.63	160	25	<5	1.84	15	27	90	65	4.64	<10	1.18	953	1	0.14	24	800	484	<5	<20	71	0.17	<10	101	<10	<1	1124
8	71853	0.8	2.46	200	25	<5	2.08	<1	32	52	66	4.69	<10	0.79	716	<1	0.18	28	1050	56	<5	<20	88	0.14	<10	64	<10	<1	182
9	71854	<0.2	1.64	10	45	<5	0.88	3	14	63	47	3.26	<10	1.08	763	2	0.07	4	1170	26	<5	<20	33	0.19	<10	70	<10	18	185
10	71855	0.8	1.45	535	25	<5	0.73	<1	13	58	58	4.31	<10	0.78	495	<1	0.07	3	1160	40	<5	<20	26	0.18	<10	69	<10	12	148
11	71856	1.0	0.92	135	35	<5	0.50	<1	11	52	101	4.50	<10	0.76	435	2	0.03	3	1140	48	<5	<20	13	0.16	<10	73	<10	15	232
12	71857	>30	1.84	1880	80	<5	0.93	586	59	2	867	>10	<10	0.94	1240	10	0.08	27	100	1056	<5	<20	49	0.06	<10	30	<10	<1	>10000
13	71858	17.2	1.73	330	40	<5	0.64	18	20	47	272	7.07	<10	1.14	720	3	0.07	10	830	810	<5	<20	34	0.16	<10	92	<10	<1	1572
14	71859	3.2	2.92	810	60	<5	0.98	3	28	53	154	6.93	<10	1.98	1165	1	0.14	14	1200	516	<5	<20	59	0.23	<10	187	<10	<1	1175
15	71860	7.8	4.23	15	55	<5	2.06	49	32	63	224	6.88	<10	1.76	1125	<1	0.30	18	930	906	<5	<20	110	0.22	<10	157	<10	<1	2928
16	71861	1.0	3.55	10	80	<5	1.22	9	27	51	111	6.58	<10	2.09	1249	<1	0.18	14	1000	192	<5	<20	56	0.27	<10	181	<10	<1	773
17	71862	2.8	4.09	20	75	<5	1.43	17	26	72	128	6.70	<10	2.12	1158	<1	0.24	16	950	638	<5	<20	93	0.25	<10	192	<10	<1	1178
18	71863	2.8	1.03	805	75	<5	2.21	577	65	17	767	>10	<10	0.28	1561	8	0.03	66	<10	138	<5	<20	61	0.03	<10	28	<10	<1	>10000
19	71864	16.8	2.81	130	40	<5	1.84	330	36	81	311	9.57	<10	0.85	766	<1	0.13	28	610	4206	<5	<20	73	0.10	<10	89	<10	<1	>10000

APPENDIX D

rd#	NUMBER	LOCATION		
1	48201	ER 2060	46	48244 Gustafson Mine
2	48202	East Ridge	47	48245 Gustafson Mine
3	48203	East Ridge	48	48246 Gustafson Mine
4	48204	East Ridge	49	48247 Gustafson Mine
5	48205	East Ridge	50	48248 Gustafson Mine
6	48206	East Ridge	51	48249 Gustafson Mine
7	48207	East Ridge	52	48249b Gustafson Mine
8	48208	East Ridge	53	48250 Gustafson Mine
9	48209	East Ridge	54	48401 Lower Jennie
10	48209b		55	48402 Lower Jennie
11	48210	East Ridge	56	48403 Lower Jennie
12	48210b		57	48404 Lower Jennie
13	48211	East Ridge 2060	58	48405 West ridge
14	48212	East Ridge	59	48406 West Ridge
15	48213	East Ridge 2060	60	48407 2060 Rd
16	48214	East Ridge	61	48408 Upper road
17	48215	East Ridge	62	48409 Mine upper rds.
18	48216	East Ridge	63	48407b
19	48217	East Ridge	64	71801 West Ridge
20	48218	East Ridge	65	71802 West Ridge
21	48219	East Ridge	66	71804 25m W 2050 port
22	48220	East Ridge	67	71806 25m W 2050 port
23	48221	East Ridge	68	71807 East of 2150 P.
24	48222	East Ridge	69	71808 E. of 2150 Port
25	48223	East Ridge	70	71809 E of 2150 Porta
26	48224	East Ridge	71	71810 E. of 2150 Port
27	48225	East Ridge	72	71811 Road
28	48226	East Ridge	73	71812 Road
29	48227	East Ridge	74	71813 Road
30	48228	East Ridge	75	71814 Road
31	48229	East Ridge	76	71815 Road
32	48230	East Ridge 2112	77	71816 Road
33	48231	East Ridge	78	71817 Road
34	48232	East Ridge	79	71818 Road
35	48233	East Ridge	80	71819 Road
36	48234	Gustafson Mine	81	71820 Road.
37	48235	Gustafson Mine	82	71821 Road
38	48236	Gustafson Mine	83	71822 Road.
39	48237	Gustafson Mine	84	71823 Road.
40	48238	Gustafson Mine	85	71824 Road
41	48239	Gustafson Mine	86	71825 Money Pit
42	48240	Gustafson Mine	87	71826 East Ridge
43	48241	Gustafson Mine	88	71827 East Ridge
44	48242	Gustafson Mine	89	71828 East Ridge
45	48243	Gustafson Mine	90	71829 Grizzly #1
			91	71830 Grizzly #2
			92	71831 Sue #1

93 71832 Sue #2
94 71833 Mine Ridge
95 71834 Sue Creek
96 71835 Sue Creek
97 71836 Sue Creek
98 71837 East Ridge
99 71838 East Ridge
100 71839 East Ridge
101 71840 East Ridge
102 71841 Lower Jennie
103 71842 Lower Jennie
104 71843 Lower Jennie
105 71844 Lower Jennie
106 71845 East Ridge
107 71846 Grizzly Zone
108 71847 Grizzly Zone
109 71848 Grizzly Zone
110 71849 East Ridge
111 71850 East Ridge.
112 71851 East Ridge
113 71852 East Ridge
114 71853 East Ridge
115 71854 East Ridge
116 71855 East Ridge
117 71856 East Ridge
118 71857 East Ridge
119 71858 East Ridge
120 71859 East Ridge
121 71860 East Ridge
122 71861 East Ridge
123 71862 East Ridge
124 71863 East Ridge
125 71864 Lower Jennie
126 71865 Grizzly Zone
127 71866 Grizzly Zone
128 71867 Grizzly Zone
129 71868 Lower Jennie
130 71869 Lower Jennie
131

Record#	NUMBER	MEMO
1	48201	3mS Sta 102, 18 inches wide
2	48202	2060 Level, 3m S of sta 102, 2 ft wide
3	48203	2060 level, 3m S of Sta 102, HW 22 inches wide
4	48204	2060, 1m N of Sta 103, 37 inches wide.
5	48205	1m N of sta 103, 21 inches wide.
6	48206	2060 level, 1m N of sta 103, 21 inches wide.
7	48207	2060 level. 1m N of sta 103, 46 inches wide
8	48208	2060 level. 6.5m S of sta 103, 37 inches wide.
9	48209	2060 level. 6.5 m S of Sta 103
10	48209b	
11	48210	2060 level. 6.5m S. of Sta 103, 5 feet wide.
12	48210b	
13	48211	2060 level. 5m N of Sta 110, 14 inches wide.
14	48212	2060 level. 5m N of Sta 110. 27 inches wide.
15	48213	5m N of Sta 110. 34 in. wide.
16	48214	2060 Level. 5m N of Sta 110. 34 inches wide
17	48215	2060 level 5m N. of Sta 110. 22 inches wide.
18	48216	2060 level. 10m N of Sta 110. 2 feet wide.
19	48217	2060 level. 10m N. of Sta 110
20	48218	2060 level. 10m N of Sta 110. 2.5 feet wide.
21	48219	2060 level. at Sta 110. 26 inches wide.
22	48220	2060 level. At Sta 110. 3 feet wide.
23	48221	2060 level. At Sta 110. 2 feet wide.
24	48222	2060 level. At Sta 110. 3 feet wide.
25	48223	2060 level. 16.5m S of Sta 112 (face)
26	48224	2060 level. 16.5m S of Sta 112. (face)
27	48225	2060 level. 16.5m S. of Sta 112. (face)
28	48226	2060 level. 16.5m S of Sta 112. (face)

29 48227 2060 level. 1m N of Sta 121. 22 inches wide.
30 48228 2060 level. 1m N. of Sta 121. 22 inches wide.
31 48229 2060 level. 1m N. of Sta 121.
32 48230 39 m South of Portal. 17 inches wide.
33 48231 2112 Cross Cut. 38m S of Portal. 27in wide N36E-57W
34 48232 2118 Cross Cut. 23 inches wide.
35 48233 2118 Cross Cut. 23 inches wide.
36 48234 10m E Sta 22 1 ladder lenght up stope (15ft) TW 21in
37 48235 2112 51m from portal 32in wide. Graphite shear zone.
38 48236 2160 Level. 4m N60W of HA20 Bottom of Rse. 28 in wide
39 48237 2160 Level. 4m N60W to Sta HA 20. 24 in. wide.
40 48238 2112 level. 7m N of TA8 32 in wide FW
41 48239 2112 Level. 7m N. of Sta TA 8. 26 in. wide.
42 48240 2112 Level. 7m N of Sta TA 8. 38 inches wide. HW
43 48241 2112 level. 15m S TA8 23 in wide
44 48242 2112 Level. 15m S of Sta TA 8. 31 in wide.
45 48243 2112 Level. 15m S of Sta TA 8. 9 in. wide. Fault zone
46 48244 2112 Level. 15m S of Sta TA 8. 24 in wide. HW
47 48245 2160 Level. 2m E of HA24 20 in wide FW + fold
48 48246 2160 level. 2m E of Sta HA 24. 1520 in wide.
49 48247 2160 level. 2m E of Sta HA 24. 39 in wide.
50 48248 2160 Level. 2m E of Sta HA 24. 1239 inches wide.
51 48249 2160 Level. 2m E of Sta HA 24. 37 inches wide.
52 48249b 2160 Level. 2m E of HA 24 37in wide.

- 53 48250 2160 Level. 4m N60W of Sta HA 20. 28 in wide.
- 54 48401 5m below rd. 1m wide
- 55 48402 5m below rd. 1m wide. Az 300-85W. rocks Az340-85W.
- 56 48403 5m below rd. 1m wide
- 57 48404 Grab. High grade 10 cm with 1cm vein.
- 58 48405 200m N of Lower Jennie Rd.
- 59 48406 200m N. of Lower Jennie Rd. N-S. shear - 40W 0.5m wide. 5m E of
48405.
- 60 48407 Junction to upper roads. above the graphite .85m wide
- 61 48408 From 2060 road, above graphite zone, 1.2m wide.
- 62 48409 Off 2060 road. Graphite Zone. 1m wide.
- 63 48407b
- 64 71801 repeat of 48406. 200m N of Lower Jenny Rd.
- 65 71802 114 491 05, 55 376 54 140m along road from road jct. 1m width.
- 66 71804 1.1m wide.
- 67 71806 0.8 m width.
- 68 71807 0.5m width
- 69 71808 0.5m
- 70 71809 1. 1.3m wide.
- 71 71810 al. 1m wide.
- 72 71811 E. of 2150 level. 1.3m width.
- 73 71812 E of 2150 level. 0.4m width
- 74 71813 25m W of 2150. 0.8m width.
- 75 71814 50m E of 2110 portal. fault zone. 0.25m width.

- 76 71815 1.1m width.
- 77 71816 0.5m width.
- 78 71817 0.5m width.
- 79 71818 1.4m width.
- 80 71819 1.1m width.
- 81 71820 1.1m width.
- 82 71821 1m width.
- 83 71822 1.6m width.
- 84 71823 0.55m width
- 85 71824 25m Eof 2110 Portal. 0.5m width.
- 86 71825 Graphite. Width 1m?
- 87 71826 25m from switch back. Footwall to a dyke. 0.5m width.
- 88 71827 26m from switchback. HW to a dyke. 0.7m width
- 89 71828 46m from switch back. 0.8m wide
- 90 71829 Grab by A.G.
- 91 71830 Grab by A.G.
- 92 71831 Grab by A.G. on ridge at switchback.
- 93 71832 Grab by A.G. On ridge at switchback.
- 94 71833 Grab by A.G. 47m from claim post. West side of ridge.
- 95 71834 Below 2112 adit. Volcanics.
- 96 71835 below 2112 portal. Volcanics. In or near graphite zone.
- 97 71836 grab by A.G. below 2112 adit. Volcanics.
- 98 71837 10.2m from end of rd. 5.5ft width.

- 99 71838 13.2 from end of rd. granitic dyke. 7.5ft width.
- 100 71839 15.5m from end of Rd. hornfels.
- 101 71840 17.6m from end of rd. sheared hornfels.
- 102 71841 HW. 0.5ft width. TB Shale
- 103 71842 Vein 1.5ft width.
- 104 71843 FW. hornfels. 1.6ft. width.
- 105 71844 FW hornfels 1.6ft. width.
- 106 71845 Massive sulphides is sericite schist. N5E-57W. 3.2ft. width.
- 107 71846 22m S of road to ddh 89-213. N78E-60SE. 0.5ft. wide
- 108 71847 85m W of ddh 89-213. E-W-64S. S edge of switch back.. 1ft wide.
- 109 71848 5m NW of 71847. S80E-46S. 0.5ft width.
- 110 71849 31m to end of road. Black basalt/lamprophyre. N12E-74E. 3ft width
- 111 71850 S of 71849. hornfels. N5W-77E. 2.5ft width.
- 112 71851 chl/bi hornfels. 4.2ft width.
- 113 71852 Chloritic hornfels. Schistosity S50W-23NW. 2.3 width.
- 114 71853 chloritic hornfels. 3.3ft width.
- 115 71854 71851 going S. bi rich skn. 5.8 ft. width.
- 116 71855 71854 S. Bi hornfels. 3.6ft width.
- 117 71856 71855S.. Skn. 2.5ft width.
- 118 71857 38.2m from SP. Massive supfides. N10W-vert. 0.7ft width. note gy
- 119 71858 71858 S. pink skn. Bi-calc silicate. 2.5ft width
- 120 71859 chloritic hornfels. Schistosity N38W-86E. 5ft. width.
- 121 71860 Bi-chl. hornfels. 5ft width.
- 122 71861 Bi hornfels- very tough. schistosity N15W-87W. 5ft width.

- 123 71862 Schistosity N8W-77W. Bi-chl hornfels, very tough. 5ft width.
- 124 71863 Upper sericite schist rd. 54m. massive sulphides. N-S-52W, cut by L. 1.5ft Width.
- 125 71864 grab sample from lower trench. massive sulfides.
- 126 71865 72.9m S of ddh 89-213 jct. Fault zone. N50E-83NW
- 127 71866 Breccia vein S68E-70SW. Bg to sample 71847 N80E - 4.6m
- 128 71867 Sample length .2ft. Graphitic fault S70E-37EW
- 129 71868 S30E to oc/sta3. 1m wide.
- 130 71869 Width 2ft. Sulphide breccia. end of road.
- 131

APPENDIX F

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Ore Reserves for the Tillicum Mountain Project,
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Preliminary Economic Feasibility of the Heino-Money
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APPENDIX G

ASSESSMENT REPORT NOTES

- 7692 Crown Grant Survey of Silver Queen Group, Golden Hope, Little Joe, Molly M.C.
Unable to read text due to poor copy.
- 7902 "Prospecting 1979-1980"
Sandy Too #1-3
Near 1-7
Author: Elaine Gustafson
Date: Aug 12, 1980
Includes COMINCO report by Pec Santos P. Eng.
Sampled Near # 1
Golden Hope
for tungsten
- 9455 "Trenching Project and Bulk Sampling
on the Til Claim Group"
(Til 1-4, Age 1-4, Wolf and Hugh Claims)
Owner and Operator: Welcome North Mines Ltd.
by: J.D. Guild, P. Eng.
Date: July 15, 1981

"Gold was first found in 1980."
- 11161 1982 Exploration and Diamond Drilling Report on the
Tillicum Gold Property
Owner: Esperanza Explorations Ltd.
By: J.D. Guild, P. Eng.
Date: March 30, 1983
- p3 "The 1982 season was highlighted by the discovery,
through prospecting of the Heino "angel ore"
occurrence where surface samples indicate grade of
100 plus ounces per ton over mineable widths."
- p4 "The most encouraging aspect of the drilling, apart
from grade, is the recognition of apparent ore-
control exercised by the volcanic contact and the
geological continuity that this implies."
- p8 "Snow conditions in the claim area allow practical
surface exploration during the period June 15 to
Sept 30..."

Note: Sections of 1982 dd holes.
- 34 Heino-Money
"The gold o yellow, ragged wire form,
interstitia glassy quartz."

Jenny Zone:

A nine element I.C.P. analysis of #51307 indicates anomalous content of arsenic, antimony and bismuth

p41

East Ridge Zone:

"Gold and arsenopyrite are associated and in one section reveals very fine grains of gold within arsenopyrite.

53

"A Sabre Electronics hand held VLF unit was successfully employed as a prospecting tool over parts of the property during the 1983 season. Electromagnetics appears to have application in locating certain of the mineral zones.

"Petrology and Mineralogy of the Tillicum Mountain Gold Property", by Vancouver Petrographics Ltd.

K.E. Northcote Ph.D., P.Eng.

Jan 7, 1983

"Petrography of Samples from the Tillicum Gold Property", by John Kwong., MEMPR., Feb. 3, 1983.

"I suspect that As bears a zonal relationship to Au."

Appendix IV Diamond Drill Logs and Assay Results.
Tillicum Property, 1982 Program.

"Western Geophysical Aero Data Ltd."

p7

The area of the Heino-Money Pit zone lies along a narrow finger of high magnetic values which is cut by a west-northwesterly trending magnetic low.

In Nov 1982 W.G.A.D. Ltd. conducted a regional airborne magnetometer and VLF electromagnetic survey in the Tillicum Mountain Gold Prospect &

"No anomalies were observed which could be attributed

directly to the mineralization in the Heino-Money zone however, definite magnetic and VLF electromagnetic trends were noted in the area."

12269

"1983 Exploration Report on the Tillicum Gold Property"

by: Wayne Roberts

John McClintock

Claims: Hugh (2072)

Wolf (2071)

Sandy Too 3 (1445)

Note: Map showing surface drilling of the Jenny Zone and possibly the "C" Zone.

15700

"Summary of the Exploration and Pilot Mining Program
Esperanza Gold Property"

by: Bernard Dewonck

John McClintock

Wayne J. Roberts

Date: December 1986

Tillicum Ratio 2 (Values all positive)

TABLE 2

Tillicum	Au/Ag					
	Au (ppm)	Ag (ppm)	Ln Au	Ln Ag	LnAu/LnAg	
48201	22.25	66.9	3.10	4.20	0.74	
48206	9	11.1	2.20	2.41	0.91	
48208	6.37	5	1.85	1.61	1.15	
48212	6.38	25.8	1.85	3.25	0.57	
48225	15.95	24.4	2.77	3.19	0.87	
48226	0.35	0.9	-1.05	-0.11	9.96	
48232	5.01	15.4	1.61	2.73	0.59	
48234	5.56	51.3	1.72	3.94	0.44	
48240	6.22	33.4	1.83	3.51	0.52	
71801	3.21	17.9	1.17	2.88	0.40	
71804	0.03	0.7	-3.51	-0.36	9.83	
71806	0.03	1.2	-3.51	0.18	19.23	
71808	1.01	2.9	0.01	1.06	0.01	
71809	1.1	16.1	0.10	2.78	0.03	
71810	0.32	2.2	-1.14	0.79	1.45	
71811	0.23	1.6	-1.47	0.47	3.13	
71812	0.98	0.7	-0.02	-0.36	0.06	
71813	0.03	0.8	-3.51	-0.22	15.71	
71814	0.06	1.1	-2.81	0.10	29.52	
71817	1.61	4	0.48	1.39	0.34	
71818	0.08	3.5	-2.53	1.25	2.02	
71821	0.26	0.5	-1.35	-0.69	1.94	
71824	0.03	1.1	-3.51	0.10	36.79	
71827	5.63	8.9	1.73	2.19	0.79	
71828	0.03	1.2	-3.51	0.18	19.23	
71829	0.32	6.1	-1.14	1.81	0.63	
71830	0.03	2.1	-3.51	0.74	4.73	
71833	0.05	4	-3.00	1.39	2.16	
71849	0.03	1.1	-3.51	0.10	36.79	
71850	0.03	0.6	-3.51	-0.51	6.86	
71851	0.03	0.4	-3.51	-0.92	3.83	
71852	0.28	2.2	-1.27	0.79	1.61	
71853	0.05	0.8	-3.00	-0.22	13.43	
71854	0.03	0.2	-3.51	-1.61	2.18	
71856	0.1	1.1	-2.30	0.10	24.16	
71861	0.32	1.1	-1.14	0.10	11.96	
48203	0.48	11.2	-0.73	2.42	0.30	
48204	3.97	7.3	1.38	1.99	0.69	
48205	4.29	9	1.46	2.20	0.66	
48207	1.07	8.4	0.07	2.13	0.03	
48209	1.12	4.5	0.11	1.50	0.08	
48209b	1.33	9.1	0.29	2.21	0.13	
48210	0.83	39	-0.19	3.66	0.05	
48210b	3.51	173.2	1.26	5.15	0.24	
48211	1.76	20.5	0.57	3.02	0.19	
48213	1.06	15.7	0.06	2.75	0.02	
48214	1.48	4.2	0.39	1.44	0.27	
48215	1.89	6.6	0.64	1.89	0.34	
48216	1.19	12.4	0.17	2.52	0.07	
48217	0.27	3.6	-1.31	1.28	1.02	
48218	1.11	1.9	0.10	0.64	0.16	
48219	2.27	6.8	0.82	1.92	0.43	

TABLE 2

48220	2.33	6.4	0.85	1.86	0.46
48221	4.46	9.3	1.50	2.23	0.67
48222	0.53	2.6	-0.63	0.96	0.66
48223	2	3.7	0.69	1.31	0.53
48227	1.24	14.7	0.22	2.69	0.08
48228	2.51	60.4	0.92	4.10	0.22
48229	1.79	15.2	0.58	2.72	0.21
48230	0.28	1.1	-1.27	0.10	13.36
48231	3.43	7.4	1.23	2.00	0.62
48235	0.03	0.7	-3.51	-0.36	9.83
48236	2.12	2.7	0.75	0.99	0.76
48237	0.95	1.9	-0.05	0.64	0.08
48238	0.86	5.7	-0.15	1.74	0.09
48241	0.08	0.5	-2.53	-0.69	3.64
48242	0.03	0.8	-3.51	-0.22	15.71
48244	0.1	1.5	-2.30	0.41	5.68
48245	0.15	1.2	-1.90	0.18	10.41
48246	0.23	1.9	-1.47	0.64	2.29
48247	0.31	2.4	-1.17	0.88	1.34
48248	0.35	1.3	-1.05	0.26	4.00
48249	0.58	1.2	-0.54	0.18	2.99
48249b	0.39	1.3	-0.94	0.26	3.59
48250	1.99	2.4	0.69	0.88	0.79
48401	0.14	0.6	-1.97	-0.51	3.85
48402	20.45	8.1	3.02	2.09	1.44
48403	0.82	1.5	-0.20	0.41	0.49
48405	1.4	2.7	0.34	0.99	0.34
48406	2.46	40.2	0.90	3.69	0.24
48207	0.23	1.3	-1.47	0.26	5.60
48408	0.4	4	-0.92	1.39	0.66
48409	0.73	5.5	-0.31	1.70	0.18
48407b	1.64	18	0.49	2.89	0.17
71841	0.43	2.4	-0.84	0.88	0.96
71843	4.94	29.1	1.60	3.37	0.47

Regression Output:

Constant	-1.87459
Std Err of Y Est	1.149027
R Squared	0.597207
No. of Observations	86
Degrees of Freedom	84

X Coefficient(s) 1.005210
Std Err of Coef. 0.090073
LnAu/LnAg: Sig at 99.9%

TABLE 3

Tillicum Cd/Zn Ratios 2

Tag	Cd (ppm)	Ln Cd	Zn (ppm)	Ln Zn	Ln Cd/Ln Zn	Au g/t	Ln Au g/t	Ag g/t
71846	391	5.97	23000	10.04	0.59	0.48	-0.73	18.6
71847	750	6.62	49300	10.81	0.61	2.18	0.78	39.6
71857	586	6.37	42100	10.65	0.60	0.52	-0.65	48.2
71863	577	6.36	47500	10.77	0.59	0.13	-2.04	2.8
71864	330	5.80	24900	10.12	0.57	1.67	0.51	16.8
71842	112	4.72	11200	9.32	0.51	7.63	2.03	45.5
71844	154	5.04	10600	9.27	0.54	1.08	0.08	39.5
48230	356	5.87	17000	9.74	0.60	3.43	1.23	8.4
48232	89	4.49	10800	9.29	0.48	5.02	1.61	20.8
48233	216	5.38	17200	9.75	0.55	5.56	1.72	51.3

Regression Output:

Constant	-5.6620
Std Err of Y Est	0.26357
R Squared	0.88435
No. of Observations	10
Degrees of Freedom	8

X Coefficient (1.135
 Std Err of Coe 0.145
 Ln Cd/ Ln Zn (Significant at 99.9%)

TABLE 4

Tillicum
K/Ti

	K	Ti	Ln K	Ln Ti	LnK/LnTi	Au (g/t)
71846	0.04	0.03	-3.22	-3.51	0.92	0.46
71847	0.11	0.03	-2.21	-3.51	0.63	2.16
71848	0.01	0.04	-4.61	-3.22	1.43	0.51
71849	0.28	0.27	-1.27	-1.31	0.97	0
71850	0.13	0.15	-2.04	-1.90	1.08	0
71851	0.13	0.17	-2.04	-1.77	1.15	0
71852	0.16	0.17	-1.83	-1.77	1.03	0.28
71853	0.06	0.14	-2.81	-1.97	1.43	0.05
71854	0.29	0.19	-1.24	-1.66	0.75	0
71855	0.27	0.18	-1.31	-1.71	0.76	0.36
71856	0.12	0.16	-2.12	-1.83	1.16	0.1
71857	0.09	0.06	-2.41	-2.81	0.86	0.52
71858	0.38	0.16	-0.97	-1.83	0.53	0.31
71859	1.1	0.23	0.10	-1.47	-0.06	0.55
71860	0.93	0.22	-0.07	-1.51	0.05	0.75
71861	1.35	0.27	0.30	-1.31	-0.23	0.32
71862	1.35	0.25	0.30	-1.39	-0.22	0.19
71863	0.03	0.03	-3.51	-3.51	1.00	0.13
71864	0.06	0.1	-2.81	-2.30	1.22	1.67

Regression Output:

Constant	0.103038
Std Err of Y Est	0.058140
R Squared	0.519523
No. of Observations	19
Degrees of Freedom	17

X Coefficient(s) 0.129501
 Std Err of Coef. 0.030205
 K/Ti Sig. 95% level

Regression Output:

Constant	-1.30959
Std Err of Y Est	0.498118
R Squared	0.616118
No. of Observations	19
Degrees of Freedom	17

X Coefficient(s) 0.456278
 Std Err of Coef. 0.087351
 LnK/LnTi Sig. 99% level.

TABLE 5

Tillicum Co/Ni ratios filtered at the Zn 5000 level.

Record	Zn	Co	LnCo	Ni	Ln Ni	LnCo/LnNiAu (g/t)	Ln Au
48201	5969	37	3.61	22	3.09	1.17	22.25
48206	8331	54	3.99	20	3.00	1.33	9
48210	6323	18	2.89	20	3.00	0.96	0.83
48211	8630	40	3.69	52	3.95	0.93	3.51
48212	9548	41	3.71	49	3.89	0.95	1.06
48218	7297	23	3.14	34	3.53	0.89	2.27
48226	7540	31	3.43	38	3.64	0.94	1.24
48227	6140	26	3.26	27	3.30	0.99	2.51
48230	17000	10	2.30	12	2.48	0.93	3.43
48231	5096	28	3.33	27	3.30	1.01	5.01
48232	10800	56	4.03	35	3.56	1.13	5.02
48233	17200	29	3.37	22	3.09	1.09	5.56
48405	6443	38	3.64	16	2.77	1.31	1.4
48408	5355	19	2.94	12	2.48	1.18	0.4
71833	5702	12	2.48	5	1.61	1.54	0.05
71841	7239	36	3.58	23	3.14	1.14	0.43
71842	10000	27	3.30	24	3.18	1.04	7.63
71843	10000	43	3.76	28	3.33	1.13	4.94
71844	10000	38	3.64	28	3.33	1.09	1.08
71845	9847	33	3.50	36	3.58	0.98	2.31
71846	23000	37	3.61	27	3.30	1.10	0.48
71847	49300	40	3.69	12	2.48	1.48	2.18
71848	50500	115	4.74	80	4.38	1.08	0.51
71857	42100	59	4.08	27	3.30	1.24	0.52
71863	47500	65	4.17	66	4.19	1.00	0.13
71864	24900	36	3.58	28	3.33	1.08	1.67

Regression Output:

Constant	0.41
Std Err of Y Est	0.41
R Squared	0.50
No. of Observations	26
Degrees of Freedom	24

X Coefficient(s) 0.8
 Std Err of Coef. 0.1
 LnCo/LnNi. Sig 99%

TABLE 6

Summary of all tonnages - April 1996

	Tons	Grade	Ounces of Au	Value at 380US\$
A" Zone S	307774.9	0.25	76943.725	29238615.5
A" Zone N	45935.344	0.3	13780.6032	5512241.28
B" Zone	80740.69	0.355641	28714.69973	11485879.89
C" Zone	12568.85	0.34	4273.409	7602593
Totals	447019.784	0.3114102	123712.4369	53839329.67
Proposed ddh	81920.17	0.3	24576.051	9338899.38

Location	Slope in deg.	Factor	Tons
A Zone S	60	1.15	353941.135
A Zone N	54	1.24	56959.82656
B Zone	50	1.3	104962.897
C Zone	50	1.3	16339.505
Sum			532203.3635

Average Grade of the East Zone

Zone	Tons	Grade	LnG*T
A Zone S	353941.135	0.25	-490666.599
A Zone N	56959.82656	0.3	-68578.0821
B Zone	104962.897	0.355	-108703.511
C Zone	16339.505	0.35	-17153.5738
Sum	532203.36356		-685101.766
Grade			0.276016897
Ounces Au			146897.1212

TABLE 7

Computer C Zone Tonnage Calculations-East Ridge Zone

Zone	Au(oz/T)	Area	Width	m	*2.65 tonnes	*1.1 Tons	Ln Au	Tons*LnAu
1	0.5	139.1	1.52		560.2948	616.3242	-0.69314	-427.203
1	0.5	635.7	1.52		2560.599	2816.659	-0.69314	-1952.35
Sum						3432.983		-2379.56
Average								0.5
1	0.3	1255.5	1.52		5057.154	5562.869	-1.20397	-6697.54
1	0.3	633.3	1.52		2550.932	2806.025	-1.20397	-3378.37
2	0.3	173.1	1.52		697.2468	766.9714	-1.20397	-923.412
Sum						9135.866		-10999.3
Average								0.3
Total of Values								
Grade	Ln Grade	Tons					Tons*LnAu	
0.5	-0.69314	3432.983					-2379.56	
0.3	-1.20397	9135.866					-10999.3	
Sum		12568.85					-13378.8	
							0.344917	

TABLE 8

Grizzly Zone

ddh	Au(oz/T)	Width(ft.)	Ln Au	Ln*W
89-213	0.581	3	-0.54300452	-1.62901
89-214	0.303	4	-1.19402247	-3.58206
89-220	0.426	1.5	-0.85331593	-2.55994
Sum		8.5		-7.77102
Average		2.83		-0.91423
Grade				0.400821

Tonnage Calculations

Block	Width(m)	Sq m	*2.65 tonnes	*1.1 Tons
1	0.86	43452	115147.8	126662.5
2	0.86	18167	48142.55	52956.80
3	0.86	13052	34587.8	38046.58
4	0.86	3459	9166.35	10082.98
Sum		78130		227748.9
Plus slope correction of 1/sin 55				277853.7

Value	Tons	Grade	Oz Au	\$380 US
	277853.7	0.4	111141.48	42233765.28

Minus 25% 83,356 31675323.96
 To account for ddh 89-212
 which did not have an ore intersection.

TABLE 9

Tillicum Geochemistry
Graphite Zones

No	Au (g/t)	Ag (g/t)	Ln Au	Ln Ag	LnAu/LnAg
71807	0.06	2.2	-2.81	0.79	-3.568
71808	1.01	2.9	0.01	1.06	0.009
71809	1	16.1	0.00	2.78	0.000
71810	0.32	2.2	-1.14	0.79	-1.445
71811	0.23	1.6	-1.47	0.47	-3.127
71812	0.98	0.07	-0.02	-2.66	0.008
71814	0.06	1.1	-2.81	0.10	-29.518
71815	0.55	3	-0.60	1.10	-0.544
71816	0.23	1.9	-1.47	0.64	-2.290
71817	1.61	4	0.48	1.39	0.344
71818	0.08	3.5	-2.53	1.25	-2.016
71819	1.11	6.3	0.10	1.84	0.057
71820	0.69	1.7	-0.37	0.53	-0.699
71821	0.26	0.5	-1.35	-0.69	1.943
71822	0.09	0.8	-2.41	-0.22	10.791
71823	0.26	0.9	-1.35	-0.11	12.785

TABLE 10

Tillicum
1996 Au/K, Au/Na Ratios

No	Au(g/T)	LnAu	K%	LnK	Na%	LnNa
48201	22.25	3.1	3.05	1.1	0.39	-0.9
48202	8.98	2.2	3.99	1.4	0.53	-0.6
48206	9	2.2	5.21	1.7	0.16	-1.8
48208	6.37	1.9	4.16	1.4	0.43	-0.8
48212	6.38	1.9	2.34	0.9	0.27	-1.3
48224	27.15	3.3	2.31	0.8	1.84	0.6
48225	15.95	2.8	2.75	1.0	1.81	0.6
48232	5.01	1.6	3.66	1.3	0.22	-1.5
48233	5.02	1.6	2.67	1.0	0.19	-1.7
48234	5.56	1.7	1.61	0.5	0.22	-1.5
48240	6.22	1.8	2.04	0.7	0.75	-0.3
48402	20.45	3.0	1.06	0.1	1.04	0.0
71827	5.63	1.7	3.37	1.2	0.34	-1.1
71842	7.63	2.0	2.29	0.8	0.38	-1.0

Regression Output:

Constant	2.633315
Std Err of Y Est	0.434224
R Squared	0.505642
No. of Observations	14
Degrees of Freedom	12

X Coefficient(s)	0.533347
Std Err of Coef.	0.152236
LnAu/LnNa Sig at 95% level	

APPENDIX I

Tillicum VLF EM16 July 17, 1996
 Using NLK 24.8 kHz (Washington)
 Start Point: 2050 Portal. Going East

Dist.(m)	In Phase	Quadrature	Conversion	Fraser Filter	Comments
0	28	8	15.64		
5	28	4	15.64	-1	
10	30	6	16.70	1	
15	28	2	15.64	0	
20	28	1	15.64	-1	
25	30	1	16.70	-1	
30	28	-1	15.64	-3	
35	31	-1	17.22	-5	
40	32	-1	17.74	-7	
45	37	-2	20.30	-1	
50	40	0	21.80	8	
→ 55	32	0	17.74	10	
60	29	1	16.17	9	
65	24	3	13.50	9	
70	20	4	11.31	4	
75	17	4	9.65	-3	
80	19	6	10.76	-8	
85	23	6	12.95	-10	
90	28	7	15.64	-7	
95	33	6	18.26	-3	
100	32	9	17.74	0	
105	34	7	18.78	2	
110	31	9	17.22	-1	
115	32	9	17.74	-4	
120	34	9	18.78	-4	
125	37	8	20.30	-4	
130	37	10	20.30	-5	
135	41	10	22.29	-4	
140	43	11	23.27	-1	
145	43	14	23.27	-1	
150	44	15	23.75	-3	
155	45	16	24.23	-3	
160	48	18	25.64	-1	
165	47	20	25.17	-2	
170	48	22	25.64	-4	
175	51	26	27.02	-8	
180	53	28	27.92	-16	
185	64	32	32.62	-14	
190	78	30	37.95	0	
195	74	28	36.50	5	
200	67	27	33.82	-1	
205	72	25	35.75	-5	
210	72	25	35.75	-4	
215	80	23	38.66	-1	
220	76	20	37.23	-2	
225	80	19	38.66	-2	
230	82	18	39.35	4	
→ 235	80	15	38.66	8	
240	70	13	34.99	6	

	245	69	12	34.61	4	
	250	64	11	32.62	1	
	255	64	11	32.62	-2	
	260	66	10	33.42	0	
	265	68	11	34.22	3	
	270	62	10	31.80	1	
	275	65	12	33.02	5	
	280	62	14	31.80	15	
	285	53	14	27.92	22	
	290	41	17	22.29	31	
→	295	28	15	15.64	40	2062 Portal
	300	7	10	4.00	36	
	305	-11	4	-6.28	21	
	310	-18	2	-10.20	11	
	315	-24	5	-13.50	5	
	320	-24	5	-13.50	4	
	325	-27	6	-15.11	-0	
	330	-28	7	-15.64	-6	
	335	-23	8	-12.95	-7	
	340	-21	9	-11.86	-6	
	345	-17	7	-9.65	-4	
	350	-17	7	-9.65	-4	
	355	-14	6	-7.97	-1	
	360	-13	6	-7.41		
	365	-16	6	-9.09		

220W 602N

Tillicum VLV EM-16 July 17, 1996
Line 2 starting at 120m from line 1, going N63E.

Distance (m)	In-Phase	Quad.	Conv.	Fraser Filter
0	34	9	19	
5	43	17	23	-11
10	47	18	25	-6
15	52	19	27	-1
20	51	18	27	2
25	50	15	27	0
30	49	12	26	-2
35	51	18	27	-3
40	53	19	28	-0
45	53	23	28	4
50	52	22	27	9
55	46	26	25	11
60	40	33	22	6
65	36	30	20	2
70	38	39	21	-0
75	34	29	19	-6
80	41	28	22	-7
85	44	25	24	-6
90	46	23	25	-8
95	52	23	27	-8
100	56	24	29	-7
105	59	22	31	-7
110	66	23	33	-5
115	67	21	34	-4
120	71	20	35	-2
125	71	19	35	-1
130	72	18	36	0
135	73	17	36	7
140	69	15	35	11
145	59	14	31	
150	56	13	29	

1900 6924

Tillicum VLF EM-16 July 17, 1996
Line 3 starting at the end of line 2, going S50W

Distance (m)	In-Phase	Quad.	Conv.	Fraser Filter	Comments
0	56	13	29		
5	60	18	31	7	
10	66	19	33	2	
15	66	19	33	0	
20	66	21	33	-2	
25	66	25	33	-8	
30	61	27	31	-14	
35	51	28	27	-13	
40	45	28	24	-14	
45	38	30	21	-15	
50	30	22	17	-13	
55	23	19	13	-6	
60	20	14	11	2	
65	22	14	12	5	
70	24	16	13	9	
75	28	16	16	10	
→ 80	34	15	19	11	
85	38	14	21	11	
90	46	20	25	9	
95	49	21	26	4	
100	55	24	29	-6	
105	48	24	26	-13	
110	42	20	23	-17	
115	33	21	18	-19	
120	23	15	13	-11	
125	16	12	9	4	Rd. to R. N58E
130	20	13	11	15	
135	26	13	15	19	
140	39	18	21	15	
→ 145	43	18	23	19	
150	53	23	28	18	

4420 501N

Tillicum VLF EM-16 July 17, 1996
Line 4 starting at the end of Line 3, going S50E

Distance (m)	In-Phase	Quad.	Conv.	Fraser Filter	Comments
0	25	-2	14.03624		
5	27	2	15.10957	-5	
10	28	1	15.64224	-7	volcanics
15	34	3	18.77803	-6	sediments
20	35	3	19.29004	-3	
25	38	2	20.80679	-0	
30	36	1	19.79887	-0	
35	37	2	20.30447	-2	
40	37	-1	20.30447	-3	
45	39	-3	21.30578	-4	sediments
50	42	-2	22.7824	-2	
55	42	-2	22.7824		
60	43	-3	23.2677		

Tillicum VLF EM-16 July 21, 1996
 SP at 125m on Line 3 of July 17, going N64E

Dist(m)	In Phase	Quad.	Conv.	Fraser Filter	Comments
0	20	13	12		
5	28	24	16	-18	
10	38	24	23	-21	
15	38	18	23	-24	
20	58	27	38	-3	
→ 25	51	22	32	7	
30	50	19	31	0	
35	50	17	31	-3	
40	51	18	32	-2	
45	53	13	34	0	
50	51	10	32	-1	
55	53	10	34	6	
→ 60	52	10	33	14	
65	44	12	27	13	
70	42	20	26		
75	35	20	21		

Tillicum VLF EM-16 July 21, 1996
 SP at end of VLF 21-2, going S85W

Dist.(m)	In Phase	Quad.	Conv.	Fraser Filter	Comments
0	42	20	26		
5	59	13	38	7	
→ 10	57	11	37	8	
15	54	8	34	10	
20	70	18	48	-10	
25	52	13	33	-12	
30	61	14	40	-17	
35	47	14	29	-22	
40	43	16	26	-22	
45	35	15	21	-27	
50	22	10	13	-23	
55	12	12	7	-17	Road to right
60	6	10	3	-9	
65	-1	12	-1	12	
70	3	13	2	33	
→ 75	22	14	13	34	
80	36	12	22		
85	44	16	27		

VLF EM-16 July 21, 1996.
SP at 55m on VLF-3, going N65E

Dist.(m)	In Phase	Quad.	Conv.	Fraser Filter	Comments
0	12	12	7		
5	17	11	10	-7	
10	24	12	13	-6	
15	31	11	17	-5	
20	37	10	20	-5	
25	42	10	23	-5	
30	47	12	25	-3	
35	52	12	27	0	
40	57	10	30	2	
45	58	14	30	29	
50	56	18	29		
55	53	20	28		

Tillicum VLF EM-16 July 21, 1996
 Sp at end of VLF 21-4, Going W.

Dist.(m)	In Phase	Quad.	Conv.	Fraser Filter	Comments
0	53	20	28		
5	59	24	31	-5	
10	54	15	28	-9	
15	47	12	25	-7	
20	47	14	25	-10	
25	40	12	22	-13	
30	33	11	18	-12	
35	28	10	16	-14	
40	22	10	12	-16	
45	13	12	7	-19	
50	8	12	5	-24	Road to right.
55	-6	13	-3	-14	
60	-15	13	-9	10	
65	-8	13	-5	23	
70	4	13	2	22	
→ 75	14	15	8	19	
80	21	17	12	20	
85	32	18	18	18	
90	40	14	22	12	
95	48	14	26		
100	49	13	26		

Tillicum VLF EM-16 July 21, 1996
 SP At 50m on line 21-5, going N60E

Dist.(m)	In Phase	Quad.	Conv.	Fraser Filter	Comments
0	8	12	5		
5	12	10	7	-7	
10	15	8	9	-7	
15	18	16	10	-8	
20	22	5	12	-8	
25	25	3	14	-9	
30	30	2	17	-10	
35	34	2	19	-11	
40	41	2	22	-9	
45	44	5	24	-7	
50	50	10	27	-3	
55	50	4	27	-2	
60	50	6	27	-5	
65	55	3	29	-3	
70	56	8	29	2	
75	55	8	29	6	
80	52	12	27	10	
85	45	16	24	11	
→ 90	40	18	22	12	
95	35	21	19	11	
100	27	25	15	4	
105	26	30	15	-3	
110	29	25	16	7	
115	30	25	17	28	
→ 120	13	27	7	34	Float
125	-5	28	-3	17	
130	-13	34	-7	-2	
135	-8	36	-5	-6	
140	-6	37	-3	-1	
145	-4	35	-2	6	
150	-8	32	-5	6	
155	-12	32	-7	-4	
160	-11	33	-6	-11	
165	-2	30	-1	-5	
170	-2	30	-1	-2	
175	-2	30	-1	-5	
180	1	30	1	-4	
185	4	29	2	-0	
190	2	30	1	-1	
195	3	30	2	-5	
200	5	26	3	-3	
205	8	25	5	-1	Road to L. S50W
210	6	27	3	-2	
215	8	25	5	-3	
220	10	24	6	-2	
225	9	26	5	-3	
230	12	24	7	-3	

Comments

Float

Lead to L. S50W

Tillicum VLF EM-16 July 21, 1996

SP at end of VLF21-6

Washington NKL 24.8. Data converted to facing S

Computer file VLF21-7

Dist.(m)	In Phase	Quad.	Conv.	Fraser Filter	Comments
0	17	21	10		
5	12	22	7	-2	
10	13	23	7	1	
15	13	23	7	-1	
20	13	24	7	-2	
25	12	22	7	-5	
30	10	23	6	-5	
35	7	24	4	-3	
40	7	26	4	-3	
45	4	25	2	-6	
50	4	28	2	-10	
55	-4	27	-2	-7	Large dump.
60	-5	26	-3	-4	
65	-8	28	-5	-6	
70	-8	28	-5	-7	
75	-16	26	-9	2	
80	-12	26	-7	10	
→ 85	-9	24	-5	14	Gr./Schist
90	-1	28	-1	10	
95	4	24	2	4	
100	4	21	2	7	
→ 105	6	17	3	11	
110	14	16	8	7	
115	15	13	9	4	
120	17	14	10	4	
125	20	15	11	2	
130	19	13	11	5	
135	22	12	12	8	
140	26	12	15	8	
→ 145	30	12	17	8	

	150	34	8	19	6	
	155	38	6	21	2	Rd. S55W
	160	37	-3	20	-3	
	165	38	0	21	-6	
	170	32	-2	18	-5	Rd. S40W
	175	31	-2	17	-1	
	180	30	-6	17	4	
→	185	32	-7	18	4	
	190	36	-12	20	1	
	195	34	-12	19	-3	
	200	35	-8	19	-4	
	205	30	-5	17	-3	
	210	31	-2	17	-2	
	215	29	-3	16	-3	
	220	29	-2	16	-5	
	225	26	-2	15	-5	
	230	23	-2	13	-4	Creek
	235	22	-2	12	-6	
	240	19	0	11	-7	
	245	16	-2	9		
	250	13	0	7		Creek

Tillicum VLF EM-16 Survey July 21, 1996
 SP at 2050 portal going N65W on main camp road.

Dist.(m)	In Phase	Quad.	Conv.	Fraser Filter	Comments
0	28	8	16		
5	32	7	18	0	
10	30	7	17	1	
15	30	11	17	3	
20	33	15	18	6	
→25	33	13	18	10	
30	41	13	22	7	
35	45	8	24	-3	
40	43	6	23	-6	
45	37	0	20	-3	
50	38	-2	21	-3	
55	35	-4	19	-3	
60	35	-4	19	-4	
65	32	-4	18	-6	
70	30	-4	17	-6	
75	25	-7	14	-2	
80	26	-8	15	-1	
85	25	-8	14	-2	
90	25	-10	14	-3	
95	23	-9	13	-2	
100	21	-11	12	-1	
105	23	-12	13	-3	
110	20	-8	11	-4	
115	18	-8	10	-2	
120	18	-10	10	-2	
125	17	-8	10	-2	
130	16	-6	9	-2	
135	15	-6	9	-2	
140	14	-8	8	-2	
145	13	-5	7	-2	
150	12	-8	7	-2	
155	11	-7	6	-2	
160	10	-5	6	-2	
165	10	-8	6	-3	
170	8	-8	5	-2	
175	7	-8	4	1	
180	8	-8	5	1	
185	8	-8	5	-1	
190	8	-10	5	-1	
195	6	-10	3	-1	
200	8	-7	5	-3	
205	4	-10	2	-1	
210	5	-7	3	2	
215	6	-10	3	-1	
220	6	-8	3	-2	
225	3	-8	2	-1	At Claim Post
230	5	-10	3	-2	
235	3	-8	2	-2	
240	1	-8	1	1	
245	3	-6	2	1	

235	3	-8	2	-2
240	1	-8	1	1
245	3	-6	2	1
250	2	-7	1	-2
255	3	-8	2	-4
260	-1	-10	-1	-2
265	-1	-7	-1	2
270	0	-8	0	-1
275	1	-8	1	-4
280	-3	-10	-2	-3
285	-3	-9	-2	-2
290	-5	-8	-3	-2
295	-5	-10	-3	-2
300	-6	-10	-3	-2
305	-7	-9	-4	-2
310	-7	-8	-4	-3
315	-10	-15	-6	-3
320	-9	-12	-5	
325	-14	-10	-8	

At O.H.

Tillicum VLF EM-16 July 22, 1996
 SP 2062 Portal, 25m E, 10m S, Going S30W

Dist.(m)	In Phase	Quad.	Conv.	Fraser Filter	Comments
0	-22	2	-12		
5	-20	3	-11	3	
10	-19	2	-11	3	
15	-18	2	-10	7	
20	-15	2	-9	10	
25	-10	3	-6	11	
30	-5	4	-3	13	
35	0	3	0	18	
40	8	4	5	21	
→ 45	18	8	10	20	
50	28	10	16	16	
55	35	11	19	11	
60	42	10	23	4	
65	43	12	23	1	
70	42	12	23	3	
75	45	11	24	3	
80	46	10	25	3	
→ 85	47	9	25	6	
90	51	9	27	5	
95	55	9	29	2	
100	55	6	29	0	
105	56	5	29	-3	
110	55	4	29	-5	
115	50	4	27	-1	
120	50	5	27	-1	
125	53	6	28	-7	
130	44	9	24	-2	
135	43	10	23	4	
140	50	15	27	-1	
145	45	14	24	-2	
150	46	16	25	-1	
155	44	18	24	0	
160	45	19	24	-0	
165	45	22	24	-4	
170	43	22	23	-7	
175	39	22	21	-8	
180	34	21	19	-5	
185	33	20	18	-6	
190	30	20	17	-9	
195	25	19	14	-8	
200	22	18	12		
205	19	17	11		At 2112 Portal road.

Tillicum VLF EM-16 July 23, 1996
 SP 2118 Portal, Going S60W

Dist.(m)	In Phase	Quad.	Conv.	Fraser Filter	
0	19	17	11		2118 Portal
5	16	16	9	-3	
10	15	17	9	-1	
15	14	19	8	0	
20	15	20	9	1	
25	14	22	8	9	
30	17	23	10	16	
35	28	25	16	12	
→ 40	32	28	18	6	
45	36	29	20	0	
50	35	30	19	-4	
55	33	30	18	-4	
60	31	30	17	-2	
65	30	29	17	2	
70	30	26	17	4	
75	35	26	19	-2	
80	32	26	18	-4	
85	30	26	17	-2	
90	30	23	17	-3	
85	28	22	16	-3	
100	26	22	15	-2	
105	26	21	15	-3	
110	24	19	13	-3	
115	22	18	12	-3	
120	22	16	12	-4	
125	19	14	11	-4	
130	17	12	10	-3	
135	16	11	9	-2	
140	14	8	8	3	
145	16	9	9	7	
→ 150	19	11	11	7	
155	23	12	13	4	
160	24	17	13	-0	
165	25	18	14	-3	
170	22	18	12	-3	
175	22	18	12	-4	
180	20	16	11	-7	
185	16	16	9	-4	
190	13	15	7	-1	
195	15	12	9	-2	
200	13	8	7	-5	
205	11	6	6	-5	
210	8	5	5	-2	
215	8	2	5	-1	
220	7	0	4	5	
225	8	-2	5	13	2112 Portal
↘ 230	15	-4	9	18	
235	24	-4	13	15	
240	31	0	17	12	
245	36	2	20	8	
250	42	0	23	3	
255	41	2	22		Volc.
260	43	-1	23		

Tillicum VLF EM-16 . Aug 7, 1996
 SP 2160 level going N35E
 Washington Sta.

Dist.(m)	In Phase	Quad.	Conv.	Fraser Filter	Comments
0	30	-4	17		
5	26	-2	15	6	Volcanics
10	25	3	14	11	
→ 15	20	6	11	10	
20	17	9	6	-1	
25	16	11	9	-2	
30	17	13	10	3	
35	13	14	7	-2	
40	15	14	9	-4	
45	18	5	10	-2	
50	18	15	10	1	Py zone in volc
55	18	5	10	1	
60	17	3	10	0	
65	17	15	10	-2	
70	18	3	10	0	
75	19	14	11	2	
80	16	11	9	2	
85	17	12	10	1	
90	15	10	9	-2	Volc. tuffs
95	16	10	9	-3	House of Ben
100	20	10	11	2	Sediments
105	16	12	9	1	
110	17	15	10	-1	
115	18	18	10	1	
120	17	16	10	0	
125	17	17	10	-1	
130	18	17	10	1	
135	17	16	10	1	
140	16	16	9	-1	
145	17	17	10	-3	
150	18	19	10	-4	
155	20	21	11	-3	
160	22	22	12	-6	
165	21	24	12	-11	
170	32	32	18	-4	
175	31	32	17	2	
180	30	30	17	-1	
185	30	29	17	-4	
190	32	30	18	-6	
195	35	32	19	-5	
200	38	34	21	-2	
205	38	34	21	1	
210	38	33	21	2	
215	36	30	20	2	
220	36	29	20	7	rusty zone
→ 225	35	30	19	13	"
230	24	26	13	10	"
235	23	26	13	8	"
240	18	24	10	7	
245	14	24	8	7	

→	250	14	21	8	14
	255	6	19	3	15
	260	-2	14	-1	9
	265	-5	10	-3	5
	270	-7	10	-4	2
	275	-8	9	-5	1
	280	-8	8	-5	2
	285	-9	7	-5	4
	290	-10	7	-6	7
→	295	-14	5	-8	8
	300	-18	0	-10	6
	305	-20	0	-11	4
	310	-22	-2	-12	2
	315	-23	-3	-13	
	320	-23	-5	-13	

rusty zone

VLF EM16 Tillicum Mountain. Sept 23, 1996

SP at new road to 6oz showing. Going N 60E. Washington, Looking S

Dist. (m)	In Phase	Quad.	Conv.	Fraser Filter	Observations
0	58	3	30		
5	56	11	29	3	
10	55	10	29	4	
15	52	12	27	4	
20	51	13	27	7	
25	47	14	25	10	
30	42	16	23	13	
35	36	17	20	20	Going N32E Top of Rise
40	27	18	15	25	
→ 45	14	15	8	26	
50	3	12	2	19	
55	-8	14	-5	9	
60	-9	-12	-5	4	
65	-12	11	-7	1	
70	-12	12	-7	-2	
75	-11	13	-6	3	
80	-10	14	-6		
85	-18	15	-10		

VLF EM16 Tillicum Mtn. Sept 24, 1996
 SP. 1st Switchback, Lower Jennie, New Rd. Going S60E
 Washington, Looking S.

Dist. (m)	In Phase	Quad.	Conv.	Fraser Filter	Observations
0	24	0	13		
5	27	0	15	-4	
10	29	0	16	-3	
15	30	0	17	-3	
20	32	0	18	-2	Shale N30E-12W
25	32	-2	18	-2	
30	34	-4	19	-2	
35	34	-2	19	-2	
40	35	-2	19	-3	
45	37	-4	20	-2	
50	37	-4	20	-2	Shales N5E-36w
55	38	-4	21	-2	Shale, graphitic, N-S-33W
60	39	-4	21	-2	L. 2ft., N2W-41W
65	40	-7	22	-2	
70	41	-5	22	-4	67 Graphitic fault N8W-67W
75	43	-5	23	-6	68 Fault with gyp. N10E-67W
80	47	-2	25	-6	73 TB Shale N8E-45W
85	50	2	27	-4	At Ck. Sheared Felds Porp.
90	52	2	27	-4	Homfelds
95	53	2	28	-6	Felds. Porp. in FW
100	58	0	30	-7	
105	60	2	31	-7	
110	67	2	34	-8	107 Galena N20E-33W
115	67	-3	34	-13	N17E-43W
120	80	4	39	-11	
125	90	8	42	0	Altered felds porp.
130	89	14	42	8	
135	80	11	39		
140	75	12	37		EOR. Chlorite Schist

Tillicum VLF EM-16, Aug 26, 1996

Washington, Facing S.

SP Upper switch back on the Grizzly Zone, Going N30W

Dist. (m)	In Phase	Quad.	Conv.	Fraser Filter	Observations
0	27	10	16		
5	26	8	15	-2	
10	26	8	15	-3	At switchback
15	24	7	14	-3	
20	23	8	13	-2	
25	22	6	13	-1	
30	22	5	13	-2	
35	21	4	12	-4	Aplite float
40	19	5	11	-2	
45	18	3	10	-1	
50	18	5	10	-1	
55	18	3	10	-2	Rusty float
60	17	2	10	-2	
65	15	2	9	-2	
70	16	1	9	-2	Fg. Diorite felds porphyry
75	13	2	7	-1	
80	14	0	8	0	
85	14	0	8	-2	
90	13	0	7	-2	Hornblend schist
95	12	0	7	-2	
100	12	0	7	-2	Aplite
105	10	-2	6	-1	
110	11	-1	6	-2	
115	9	-2	5	-2	
120	9	0	5	-1	
125	8	-1	5	1	
130	9	0	5	2	
135	9	1	5	2	Volc
140	11	1	6	1	
145	11	1	6	-1	
150	10	1	6	-1	
155	10	1	6	1	
160	10	2	6	2	
165	12	1	7	2	
170	12	2	7	1	
175	13	2	7	1	
180	13	2	7	0	
185	13	2	7	1	Volc.
190	13	1	7	1	
195	14	2	8	1	
200	13	2	7	2	
205	15	3	9	2	
210	15	4	9	2	
215	16	5	9	2	
220	17	6	10	2	
225	18	7	10	-1	

230	18	7	10	-2	
235	16	5	9	-0	
240	17	4	10	-1	
245	17	5	10	-2	
250	15	4	9		
255	15	3	9		Going S80E
0	15	3	9		
5	13	2	7	1	
10	12	4	7	-2	
15	15	3	9	-1	
20	14	5	8	0	
25	14	3	8	-2	
30	15	5	9	-2	
35	17	5	10	0	
40	16	5	9	2	
45	16	5	9	2	
50	14	4	8	2	Switchback to L.
55	14	4	8	2	
60	12	3	7	0	
65	13	2	7	0	
70	13	2	7	1	
75	12	1	7	2	
80	12	1	7	2	
85	10	1	6	1	
90	10	0	6	-1	Rusty rxs.
95	11	2	6	-1	
100	11	1	6	-1	
105	11	1	6	-1	
110	13	3	7	1	Aplite
115	11	1	6	-1	"
120	12	1	7	-1	"
125	13	0	7	0	
130	12	0	7		
135	13	0	7		EOR. Rusty float. Volc.

Switchback at 50m. Going N25W

0	14	4	8		
5	15	3	9	1	
10	15	4	9	1	
15	16	2	9	-1	
20	16	3	9	-3	
25	14	2	8		
30	13	2	7		Going S60E
0	13	2	7		
5	12	0	7	1	
10	12	1	7	-1	
15	12	3	7	-2	
20	13	2	7	-1	
25	14	3	8	0	

	30	13	2	7	-1	
	35	14	2	8	-2	
	40	15	3	9	-0	Aplite
	45	16	2	9	3	
	50	13	1	7	2	
	55	13	1	7	2	
	60	12	-1	7	2	Rusty tuffs
	65	11	0	6	-1	"
	70	11	0	6	-2	"
	75	14	1	8	0	Sch N76E-85S
	80	12	1	7	-1	
	85	13	0	7	-3	Bedding N70W-75N
	90	15	1	9	-1	Very Rusty
	95	15	0	9	-1	
	100	15	1	9	-1	
	105	16	0	9	0	
	110	15	0	9	-1	
	115	16	1	9	-1	
	120	16	0	9	-1	
	125	17	0	10	1	
	130	16	-1	9	1	
	135	16	0	9	0	
	140	16	1	9	0	
	145	16	-1	9	1	
	150	16	0	9	-0	
	155	15	0	9	-1	
	160	17	0	10	2	
	165	15	-1	9	2	
	175	14	-2	8	0	
	180	14	-1	8	-2	
	185	15	0	9	-4	
120E	190	17	1	10	-2	
382S	195	18	1	10	-1	Aplite
	200	18	3	10	0	"
	205	18	3	10	-1	"
	210	18	4	10	-1	"
	215	19	3	11	-1	"
	220	19	5	11	-4	Bleached Feldspar porphyry
	225	20	5	12	-4	
	230	24	5	14	0	
	235	22	6	13	1	At Creek
	240	22	5	13	2	
	245	23	4	13	2	
	250	18	3	10	-4	
	255	23	6	13	-1	
	260	25	5	15	3	
	265	18	5	10	-3	
	270	25	5	15	-1	
	275	23	4	13	2	
	280	22	4	13	-1	
	285	23	3	13	-1	

	290	24	4	14	1
	295	23	2	13	2
→	300	22	3	13	2
	305	21	3	12	2
	310	20	2	12	1
	315	20	2	12	0
	320	20	3	12	1
	325	20	2	12	-0
	330	19	1	11	-1
	335	21	2	12	0
	340	20	2	12	-1
	345	20	3	12	-1
	350	22	3	13	1
	355	20	4	12	-2
	360	21	2	12	-4
	365	25	3	15	-4
	370	23	3	13	-7 Bedding E-W,-70S
	375	29	4	17	-3
	380	30	4	18	2
	385	27	2	16	1 Schist
→	390	29	2	17	4
	395	27	0	16	EOR
	400	23	1	13	

Tillicum VLF EM 16, Aug 27, 1996
 Washington. Facing S.
 SP Grizzly Zone. Going N40E

	Dist. (m)	In Phase	Quad.	Conv.	Fraser Filter	Observations
180E	0	18	2	10		
370S	5	18	2	10	0	
	10	18	3	10	-1	
	15	18	2	10	-2	
	20	20	2	12	-1	
	25	19	4	11	-2	
	30	20	3	12	-3	
	35	22	3	13	0	
	40	22	3	13	2	
	45	20	3	12	0	
	50	21	3	12	-1	
	55	21	2	12	-1	
	60	22	2	13	-1	
	65	22	0	13	-2	Rusty chloritic schist - Volc.
	70	23	0	13	-2	Sch. N70E-65S
	75	25	0	15	-1	
	80	23	0	13	-6	Bedding N72E-80S
	85	27	1	16	-9	
	90	30	2	18	-10	
	95	34	4	20	-11	
	100	38	6	23	-12	Sch N80E-73S
	105	43	9	26	-13	Gneissic N76E-72S
	110	47	11	29	-8	
	115	52	14	33	2	
	120	49	12	31	7	Pink skarn with py.
	125	47	12	29	7	
→	130	44	7	27	7	Volc. flow breccia, dioritic
	135	42	5	26	3	Chl. Sch. N68E-vert
	140	39	6	24	-1	
	145	43	8	26	3	Sch. N65E-85N
→	150	40	6	24	7	Rd. to L. N5E
	155	37	4	22	5	
	160	35	6	21	4	
	165	34	5	20	4	
	170	32	3	19	4	
	175	30	2	18	1	
	180	30	2	18	0	ddh site?
	185	30	0	18	0	
	190	30	2	18		
	195	30	1	18		Returning to N5E Rd. Going S55W
270E	0	40	6	24		
253S	5	36	5	22	-0	
	10	37	5	22	4	
→	15	39	3	24	3	Sch. N75E Vert.
	20	40	3	24	1	Going S80W

25	40	6	24	0
30	40	3	24	0
35	40	5	24	0
40	40	4	24	0 Volc breccia, dioritic
45	40	5	24	-1
50	40	4	24	1
55	39	3	24	3
60	42	3	26	1 Rusty
65	42	3	26	-6
70	40	5	24	-8 Aplite float. Going N30W
75	35	2	21	-3
80	35	2	21	0
85	35	2	21	
90	35	1	21	Going N50E

0	35	1	21	
5	34	2	20	-1 Bedding E-W-70S
10	36	2	22	2
15	34	2	20	3
20	33	2	20	-0
25	32	1	19	-3
30	35	-1	21	-2 Going N43E
35	35	1	21	0
40	35	4	21	1
45	35	4	21	1
50	33	4	20	1
55	35	3	21	2 Rd N30E. Going N43E
60	32	2	19	1
65	33	3	20	1
70	32	2	19	2 Jct Going N43E
75	31	1	18	1
80	31	1	18	1
85	31	3	18	1
90	30	0	18	2
95	30	0	18	
100	27	-2	16	Return to 0

SP ddh 89-213. Going N30E

275E	0	30	1	18	
238S	5	31	4	18	-1
	10	30	3	18	-1
	15	32	2	19	3
→	20	30	0	18	4
	25	28	0	16	2
	30	27	0	16	1
	35	27	-1	16	1
	40	26	-1	15	1
	45	26	-1	15	1
	50	25	-1	15	1
	55	25	-3	15	2
	60	24	-4	14	2
	65	23	-4	13	1

70	23	-5	13	1	
75	22	-4	13	1	
80	22	-3	13	1	
85	21	-4	12	-1	
90	22	-4	13	-1	
95	22	-4	13	0	
100	22	-5	13	0	Volc/Gneiss contact N65E-63S
105	22	-6	13	-1	
110	22	-5	13	-1	
115	23	-6	13	-2	
120	23	-6	13	-4	
125	26	-3	15	-6	
130	27	-2	16	-7	
135	31	3	18	-4	
140	33	1	20	2	
→ 145	31	4	18	3	
150	30	2	18	1	
155	30	3	18	0	
160	30	2	18	0	
165	30	2	18	1	
170	30	0	18	1	
175	29	1	17	0	
180	29	1	17	-1	
185	30	1	18	1	
190	29	0	17	1	
195	29	-2	17	-1	
200	29	-1	17	-1	
205	30	-1	18		
210	29	-2	17		EOR Going N5W
0	29	-2	17		
5	28	2	16	-1	
10	28	-2	16	-1	
15	28	-2	16	-1	
20	27	-4	16	-1	
25	28	-1	16	-2	
30	26	-2	15	-2	
35	26	0	15	0	
40	25	-5	15	2	
45	27	-2	16	0	
50	28	-4	16	-4	
55	24	-5	14	-1	
60	24	-2	14	2	
65	26	-4	15	-1	
70	25	-4	15	-2	
75	24	-5	14	-2	
80	24	-4	14	-3	
85	22	-3	13	-2	
90	21	-4	12		
95	22	-5	13		EOR Going S20E

0	22	-5	13	
5	22	-5	13	1
10	21	-4	12	-1
15	22	-4	13	-1
20	22	-5	13	-1
25	22	-6	13	-1
30	23	-6	13	-1
35	23	-7	13	-1
40	23	-7	13	-2
45	25	-8	15	-1
50	25	-7	15	2
55	24	-7	14	2
60	23	-5	13	1
65	23	-9	13	
70	23	-6	13	EOR Return to 0

372E	0	22	-5	13	Going S25W
037N	5	23	-3	13	4
→	10	25	-3	15	4
	15	27	-1	16	2
	20	27	-2	16	1
	30	28	-1	16	-2
	35	27	-2	16	0
→	40	25	0	15	4
	45	30	-1	18	2
	50	29	2	17	2
	55	30	0	18	2
	60	32	-1	19	0
	65	30	0	18	3
→	70	32	0	19	5
	75	35	0	21	2
	80	35	0	21	1
	85	35	-2	21	1
	90	37	-2	22	0
	95	35	0	21	2 Going S40W
	100	37	-2	22	3
	105	38	0	23	1
	110	38	0	23	0
	115	38	0	23	-1
	120	38	0	23	-1
	125	37	0	22	0
	130	37	2	22	1
	135	38	2	23	2
	140	38	5	23	3 At lake
	145	40	6	24	1 Volc./Sed contact
	150	40	4	24	0 Bedding N25E-85W ?
	155	40	5	24	2
	160	40	4	24	3
	165	37	5	22	1
	170	38	4	23	-1
	175	37	6	22	-1

180	39	8	24	5	
→ 185	37	6	22	9	Going N50W
195	32	5	19	6	
200	30	3	18	4	Going N10W
205	30	1	18	6	
210	25	1	15		
215	25	0	15		Going N15E
0	25	0	15		
5	20	2	12	2	
10	20	0	12	-1	
15	21	0	12	1	
20	20	-2	12	2	
25	20	0	12	2	1" qtz. in volc.
30	17	3	10	0	
35	20	1	12	1	Sch. N60E-80S
40	17	-1	10		
45	18	2	10		

VLF EM 16 Survey of Grizzly Creek

Sept 18, 1996

Washington, NKL 24.8 kHz

Facing South

Start Point (SP) Logging road crossing of Londonderry Ck

Dist. (m)	In Phase	Quad.	Conv.	Fraser Filter	Observations
0	0	-6	0		Going N80W
5	-1	-7	-1	-1	
10	-1	-7	-1	0	
15	-2	-8	-1	2	
20	0	-9	0	1	
25	0	-7	0	-1	
30	-1	-8	-1	-1	
35	-1	-7	-1	1	
40	-1	-6	-1	1	
45	0	-5	0	2	
50	0	-5	0	3	
55	3	-4	2	3	
60	3	-5	2	5	
65	6	-4	3	5	
70	8	-2	5	5	
75	10	-2	6	4	
80	12	-1	7	3	
85	13	-3	7	3	
90	15	-1	9	0	
95	15	-1	9	-2	
100	13	-2	7	-1	
105	14	-3	8	0	
110	13	-4	7	1	
115	14	-5	8	1	
120	14	-4	8	-1	
125	14	-5	8	-1	
130	13	-6	7	1	
135	14	-7	8	2	
140	15	-5	9	3	
145	15	-3	9	7	
150	20	-2	11	7	
155	22	0	12	6	
160	25	-1	14	6	
165	29	0	16	2	
170	29	-3	16	1	
175	29	-4	16	2	
180	30	-2	17	1	
185	31	-2	17	0	
190	30	-2	17	1	
195	31	-1	17	5	
200	32	0	18	5	
205	38	-1	21	1	
210	34	-1	19	-1	
215	37	0	20	-2	

220	34	0	19	-1	
225	33	1	18	2	
230	36	0	20	-1	
235	34	0	19	-1	
240	34	2	19	1	
245	35	3	19	2	Going S70W
250	34	4	19	4	
255	39	4	21	0	
260	37	2	20	-0	
265	36	2	20	2	
270	40	3	22	-2	
275	37	3	20	-2	
280	35	3	19	1	
285	38	3	21	-2	
290	35	2	19	-2	
295	35	3	19	-1	
300	34	3	19	1	
305	35	4	19	2	
310	35	2	19	1	
315	37	3	20	-2	
320	34	2	19	-2	
325	34	3	19	2	
330	34	4	19	2	
335	37	3	20	-2	
340	34	3	19	-2	
345	34	4	19	1	Going S40W
350	34	3	19	2	
355	36	3	20	2	
360	35	3	19	-0	
365	38	5	21	-3	
370	33	3	18	-1	
375	34	4	19	2	
380	35	6	19	-1	
385	35	4	19	-1	
390	33	5	18	2	
395	36	5	20	1	
400	35	4	19	-1	
405	35	5	19	-2	
410	34	5	19	-3	
415	32	3	18	-0	
420	31	4	17	2	
425	35	5	19	-2	
430	32	2	18	-3	
435	30	2	17	0	
440	32	3	18	-2	
445	30	2	17	-4	
450	28	3	16	-1	
455	27	1	15	-1	
460	29	2	16	-2	
465	25	0	14	0	
470	27	2	15	2	

475	27	1	15	1	
480	28	2	16	-2	
485	28	-1	16	-4	At ck. going S72W
490	24	0	13	-2	
495	25	1	14	-1	
500	24	1	13	-1	
505	24	2	13	-1	
510	24	2	13	-1	
515	23	1	13	1	
520	24	4	13	1	Chlorite Schist N12E-58W
525	25	3	14	-1	
530	24	4	13	-1	
535	24	3	13	-1	
540	24	5	13	-2	
545	22	3	12	0	
550	22	2	12	3	
555	24	4	13	5	
560	26	5	15	4	
565	30	6	17	-1	
570	28	6	16	-3	
575	27	4	15	-2	
580	26	5	15	-1	
585	26	5	15	-1	
590	25	4	14	0	
595	26	5	15	-1	
600	25	5	14	-1	
605	25	5	14	0	
610	25	5	14	0	
615	25	5	14	1	
620	25	6	14	1	
625	26	6	15	1	
630	26	7	15	0	
635	26	7	15	1	
640	26	8	15	2	
645	28	9	16	-1	Skn. Float? py, po
650	27	9	15	-2	
655	26	8	15	-2	
660	25	7	14	-1	
665	25	7	14	-2	
670	24	7	13	-3	
675	22	6	12	-1	
680	22	4	12	1	
685	23	5	13	-1	
690	22	4	12	-2	Grizzly Ck. Going N25W
695	21	4	12	-1	
700	20	4	11	1	
705	22	2	12	-1	
710	20	1	11	-1	
715	20	-1	11	-1	
720E	720	0	11	-3	
125N	725	18	10	-3	



730	17	-2	10	-2	
735	16	-4	9	-2	
740	15	-4	9	-1	
745	15	-4	9	1	
750	15	-3	9	3	Going N10W
755	17	-2	10	3	
760	18	-3	10	1	
765	19	-1	11	-1	
770	18	-2	10	-2	
775	17	-3	10	-2	
780	16	-4	9	-1	
785	16	-4	9	0	
790	16	-4	9	0	
795	16	-4	9	0	
800	16	-4	9	0	
805	16	-4	9	-1	
810	16	-4	9	-1	
815	15	-4	9	-1	
820	15	-4	9	-1	
825	15	-4	9	-2	
830	14	-6	8	-3	
835	12	-6	7	-2	
840	12	-6	7	-1	
845	11	-6	6	0	
850	12	-6	7	-1	
855	11	-7	6	-1	
860	11	-6	6	0	
865	11	-8	6	1	
870	11	-7	6	2	
875	12	-6	7	2	
880	13	-6	7	1	
885	13	-5	7	1	
890	14	-5	8	-1	
895	13	-5	7	-1	
900	13	-5	7	1	
905	13	-4	7	2	
910	14	-3	8	1	
915	15	-3	9	-1	
920	14	-2	8	-1	
925	14	-2	8	1	
930	14	-2	8	1	
935	15	-2	9	1	
940	15	-1	9	-1	
945	15	-1	9	-1	
950	14	-1	8	1	
955	15	-1	9	1	
960	15	0	9	0	
965	15	-1	9	1	
970	15	0	9	1	
975	16	1	9	0	Going N30W
980	15	1	9	1	

985	16	2	9	2	
990	17	2	10	1	
995	18	4	10	-1	
1000	17	4	10	0	
1005	17	4	10	1	All med gr Diorite float
1010	18	4	10	1	"
1015	18	5	10	1	"
1020	19	4	11	1	"
1025	19	6	11	1	"
1030	20	7	11	1	Rusty float
1035	20	7	11	1	"
1040	20	7	11	2	"
1045	22	8	12	-1	"
1050	21	9	12	-2	"
1055	19	7	11	1	"
1060	21	10	12	-1	"
1065	21	9	12	-4	"
1070	18	7	10	-3	"
1075	17	7	10	-1	"
1080	16	7	9	3	
1085	18	7	10	2	
1090	20	8	11	-3	
1095	17	8	10	-3	
1100	16	8	9	-1	Going S50W
1105	16	7	9	-1	
1110	16	7	9	-0	
1115	15	7	9		
1120	17	8	10		Going S50E
0	17	8	10		
5	17	7	10	1	
10	16	6	9	-1	
15	16	7	9	-2	
20	18	8	10	-1	
25	17	7	10	-1	
30	18	6	10	0	
35	18	6	10	1	
40	17	6	10	1	
45	18	6	10	2	
50	16	4	9	2	
55	15	5	9	1	
60	15	4	9	0	
65	15	4	9	0	
70	15	4	9	-1	
75	15	3	9	-1	
80	16	3	9	1	
85	15	3	9	1	
90	15	2	9	1	
100	14	1	8	0	
105	14	2	8	-1	Going S5W
110	15	0	9	1	

115	14	0	8	0	
120	14	0	8	-1	
125	15	0	9	0	
130	14	-1	8	1	
135	15	-2	9	2	
140	12	-2	7	-1	
145	14	-3	8	-2	Rusty float, trench, po, py
150	14	-2	8	-1	
155	15	-2	9	-2	
160	15	-2	9	1	
165	17	-3	10	3	
170	12	-4	7	-0	
175	14	-4	8	-2	
180	15	-3	9	0	
185	14	-4	8	1	Going S25W
190	15	-4	9	1	
195	13	-4	7	0	
200	15	-3	9	0	
205	13	-4	7	-1	
210	15	-4	9	-2	
215	15	-4	9	-1	Going S10W
220	16	-3	9	0	
225	15	-4	9	-1	
230	16	-3	9	-1	
235	17	-3	10	1	
→ 240	15	-3	9	9	
245	16	-3	9	6	
			0	-14	
250	20	-3	11	-11	
255	20	-5	11	1	
260	20	-3	11	3	
→ 265	19	-3	11	5	
270	15	-2	9	2	
275	15	-4	9	1	
280	15	-4	9	2	
285	14	-4	8	3	
290	13	-8	7	3	
295	11	-9	6	2	
300	10	-10	6	2	
→ 305	10	-12	6	5	
310	7	-10	4	4	
315	5	-10	3	0	
320	5	-10	3	-1	
325	7	-9	4	-1	
330	5	-10	3	-3	
335	8	-11	5	-3	
340	10	-10	6	-0	
345	9	-9	5	1	
350	9	-9	5	0	
355	8	-10	5	-3	
360	10	-7	6	-5	

	365	13	-8	7	-5	
	370	14	-6	8	-3	
	375	17	-6	10	-3	
	380	15	-4	9	-5	
	385	21	-4	12	-2	
	390	20	-3	11	-1	
	395	20	-5	11	-2	
	400	22	-2	12	-3	
	405	22	-1	12	-4	
540E	410	25	0	14		
040N	415	26	1	15		Going N35W
	0	26	1	15		
	5	25	0	14	-3	
	10	25	-4	14	-5	
	15	21	-6	12	-3	
	20	20	-6	11	-1	
	25	20	-5	11	-3	
	30	20	-9	11	-6	
	35	15	-8	9	-5	
	40	15	-10	9	-5	
	45	11	-14	6	-2	
	50	10	-13	6	-0	
	55	12	-13	7	-5	
	60	9	-11	5	-6	
	65	5	-12	3	-3	
	70	5	-12	3	-1	
	75	3	-13	2	1	
	80	5	-11	3	1	
	85	5	-12	3	0	
	90	5	-10	3	1	
	95	5	-9	3	2	
	100	7	-10	4	2	
	105	6	-14	3	7	
→	110	10	-14	6	8	
	115	15	-8	9	6	
	120	15	-9	9	7	
	125	20	-6	11	7	
→	130	23	-9	13	4	
	135	25	-10	14	1	Tuffs N5W-47W
	140	25	-10	14	1	
→	145	25	-7	14	4	
	150	27	-8	15	2	Chloritic tuffs N5W-47W
	155	30	-9	17	-2	Tuff contact fg. diorite
	160	25	-9	14	-1	breccia sill N12W-65W
	165	28	-8	16	-2	Very rusty py tuffs
	170	25	-8	14	0	
	175	25	-5	14	2	
	180	28	-6	16	-2	Sheared felds. porphyry
	185	25	-8	14	0	"
	190	25	-8	14	7	Going N73W Volc. breccia

→ 200	28	-6	16	7	
205	35	-2	19	-2	
210	32	-1	18	-5	Going S50W Sheared fields. porp.
215	28	-5	16	0	
220	30	-4	17	2	
225	30	-5	17	2	
230	31	-4	17	2	
235	32	-4	18	3	
240	33	-4	18	3	
245	35	-5	19	2	
250	36	-4	20	-1	
255	35	-4	19	-2	Going S55W
260	34	-4	19	-1	
265	34	-2	19	-0	
270	33	-4	18	2	
275	35	-4	19	1	
280	35	-4	19	0	
285	35	-4	19	0	
290	35	-4	19	1	
295	35	-5	19	1	
300	36	-4	20	-1	
305	35	-6	19	-2	Going W
310	35	-4	19	-4	
315	32	-4	18	-3	
320	30	-3	17	2	Rusty, sheared fields p.
325	32	-4	18	2	6" Lamp. N15W-71W
330	34	-4	19	-2	
335	32	-3	18	-2	
340	31	-2	17	0	
345	32	-2	18	-1	
350	31	-3	17	-2	Going N80W
355	30	-2	17	-2	
360	30	0	17	-2	
365	28	-3	16	-1	
370	29	0	16	-3	
375	27	0	15	-3	
380	25	-1	14	-2	
385	25	-2	14	-1	
390	23	1	13	2	Going S50W
400	25	-4	14	2	Flds. P.
405	27	-2	15	1	
410	25	0	14		
415	28	-2	16		Going S50E
0	28	-2	16		
5	30	0	17	1	
10	28	-1	16	1	
15	29	0	16	1	
20	30	-2	17	-0	
25	28	-1	16	2	
30	31	0	17	1	

35	30	0	17	-1	
40	30	1	17	-1	
45	29	2	16		
50	30	0	17		Going S48W
0	30	0	17		
5	27	0	15	-1	
10	27	0	15	3	
15	29	1	16	2	Going S25W
20	30	2	17	-2	
25	29	2	16	-5	
30	26	0	15	-4	
35	23	2	13	-1	
40	25	1	14		
45	23	-2	13		Going N80E
0	23	-2	13		
5	21	0	12	1	
10	21	0	12	-3	
15	22	1	12	-1	
20	25	-1	14	3	
25	20	0	11	1	Going S60E
30	22	-2	12	-1	
35	22	0	12	1	
40	21	1	12	1	
45	21	-2	12	1	
50	20	-1	11	1	
55	21	-4	12	2	
60	18	-5	10	-1	
65	20	-5	11	0	
70	20	-7	11		
75	18	-7	10		Going S30W
0	18	-7	10		
5	18	-9	10	-1	
10	17	-8	10	-2	
15	17	-7	10	-2	
20	15	-7	9	-1	
25	15	-6	9	0	Going S85W
30	15	-6	9	0	
40	15	-6	9	-1	
45	15	-4	9	-2	
50	13	-3	7	1	
55	14	-3	8	2	
60	15	-5	9	-1	Going N10W
65	15	-3	9	-2	
70	12	-3	7	2	
75	15	-5	9	3	
80	15	-5	9	3	
85	18	-5	10	2	
90	18	-5	10	-2	

95	18	-4	10	-2	
100	15	-4	9	2	
105	18	-4	10	1	
110	19	-3	11	-2	
115	16	-3	9	-1	
120	17	-3	10	-1	
125	16	-1	9	2	
130	16	-3	9	4	Tuffs N60E-72W
135	20	-5	11	4	
140	20	-3	11	4	
150	23	-2	13	3	
155	25	-1	14	0	
160	23	-2	13	1	
165	25	0	14	2	
170	25	-3	14	2	
175	27	0	15	3	
180	27	1	15	3	
185	30	2	17		
190	30	2	17		West end of pond.

APPENDIX J

Millicum SP survey, July 24, 1996

SP at survey pin at the 2062 level going W.

Corrected

Sta.	mv.	Comments
0		
5	-40	
10	-39	
15	-44	
20	-39	
25	-29	
30	-31	
35	5	Fault
40	-38	
45	-27	
50	-19	
55	-21	
60	-75	
65	-240	
70	-193	Portal E. Side
75	-322	Portal W. Side
80	-114	
85	-5	
90	24	
95	17	
100	52	
105	42	
110	27	
115	52	
120	58	
125	25	
130	4	
135	-64	
140	11	
145	-127	
150	-43	
155	-16	
160	30	
165	24	
170	15	
175	-9	
180	-11	
185	-30	
190	-46	
195	-44	
200	-59	
205	-56	
210	-122	
215	-104	
220	-42	
225	-22	
230	-17	
235	-48	
240	-136	
245	-307	
250	-549	
255	-674	

260	-672
265	-457
270	-356
275	-196
280	-184
285	-275
290	-168
295	-73
300	-62
305	-80
310	-67
315	-32
320	-85
325	-324
330	-555
335	-430
340	-285
345	-247
350	-269
355	-296
360	-336
365	-403
370	-466
375	-510
380	-534
385	-524
390	-484

Tillicum SP survey. July 24, 1996
SP at 2118 portal going to 2112 portal

Sta.	Corrected m. v.	Comments
0		
5	1	
10	-2	
15	3	
20	15	
25	37	
30	11	
35	85	
40	128	
45	179	
50	198	
55	198	
60	195	
65	184	
70	162	
75	151	
80	125	
85	78	
90	68	
95	57	
100	74	
105	112	
110	161	
115	180	
120	200	
125	198	
130	180	
135	152	
140	102	
145	19	
150	-59	
155	-163	
160	-350	
165	-183	
170	47	Dyke
175	-19	
180	-80	
185	-108	
190	-125	
195	-74	
200	-44	
205	-38	
210	-43	
215	-63	
220	-77	
225	-88	
230	-144	
235	-198	
240	-216	
245	-428	
250	-293	
255	-169	

260
265
270

-62
-35
-8 Volcanic

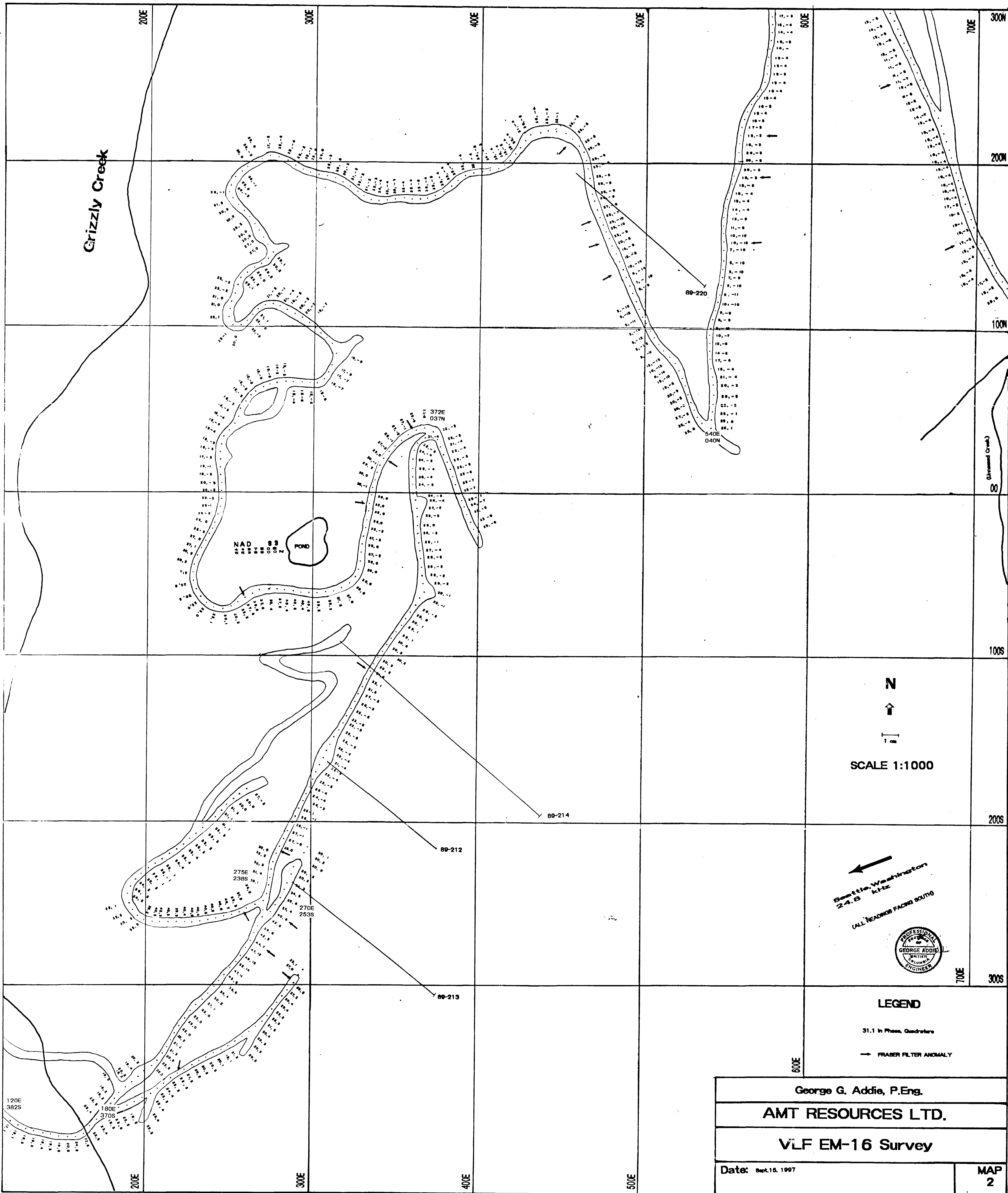
Tillicum SP survey. July 24, 1996
SP Survey Pin north of upper camp.

Sta.	Corrected mv	Comments
0		
5	38	
10	19	
15	28	
20	25	
25	37	
30	40	
35	39	
40	28	
45	26	
50	12	
55	14	
60	20	
65	21	
70	8	
75	-7	Fault
80	-18	
85	-27	
90	30	
95	10	
100	27	
105	-15	
110	-40	
115	-32	
120	-117	
125	-166	
130	-177	
135	-165	
140	-180	
145	-191	
150	-213	
155	-234	
160	-281	
165	-322	
170	-423	
175	-547	
180	-607	
185	-600	
190	-550	
195		Volcanic contact

Tillicum SP survey. July 24, 1996
Test of Sue Ck area.

Sta.	Corrected mv	Comments
0		
5	0	
10	0	
15	2	
20	8	
25	7	
30	7	
35	16	
40	19	
45	16	Float
50	23	
55	23	
60	23	

GRIZZLY CREEK, B.C.



N
↑
SCALE 1:1000

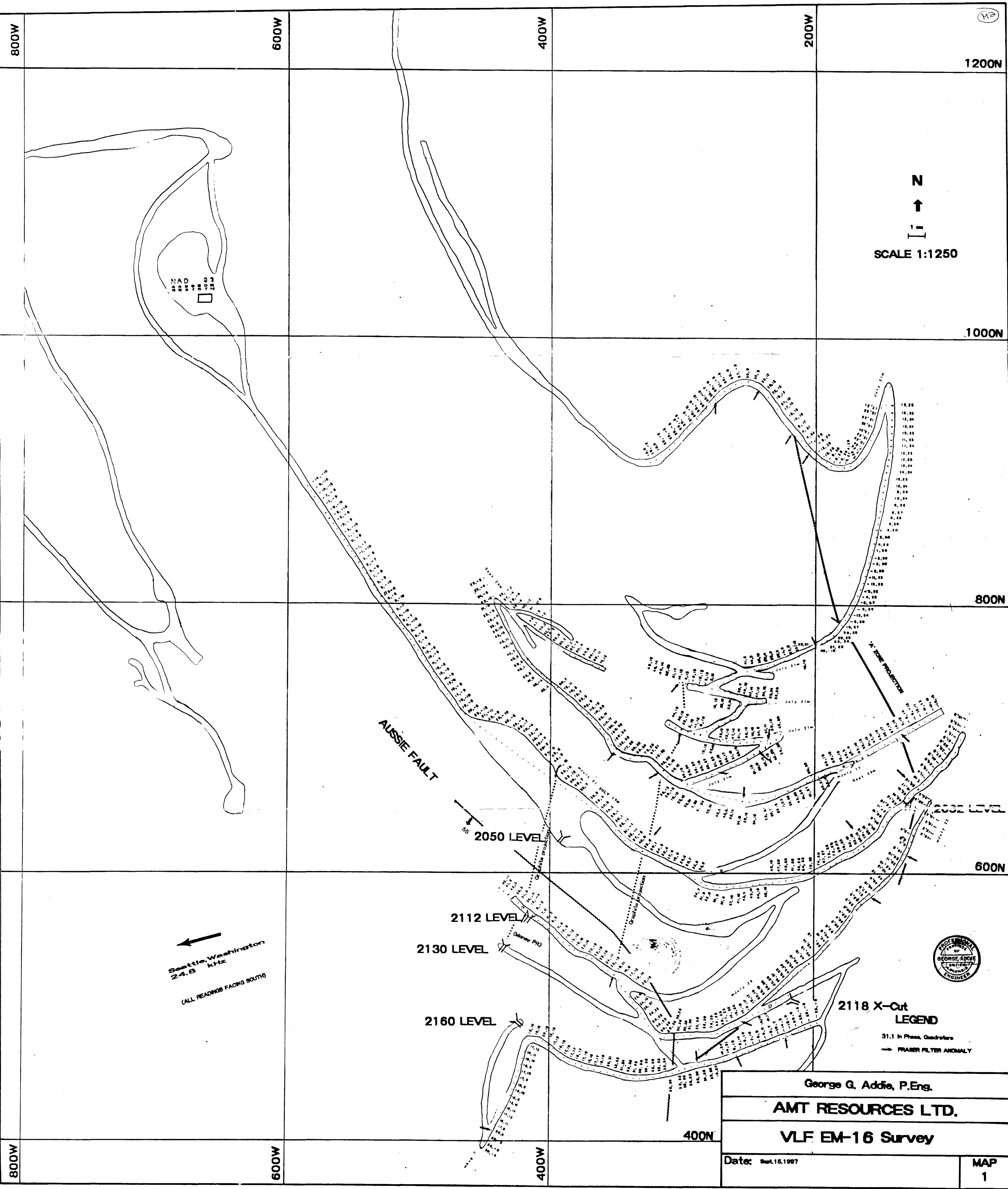
Seattle, Washington
24.8 ktz
(ALL READINGS FACING SOUTH)



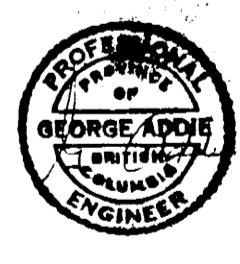
LEGEND
31.1 m Phos. Quadrats
→ FRASER FILTER ANOMALY

George G. Addie, P.Eng.	
AMT RESOURCES LTD.	
VLF EM-16 Survey	
Date: Sept. 15, 1997	MAP 2

TILlicum Mt., B.C.



Seattle, Washington
24.8 kHz
(ALL READINGS FACING SOUTH)



2118 X-Cut
LEGEND
31.1 In Phase, Quadrature
→ FRASER FILTER ANOMALY

George G. Addie, P.Eng.	
AMT RESOURCES LTD.	
VLF EM-16 Survey	
Date: Sept. 15, 1997	MAP 1

133

1200N



SCALE 1:1250

1000N

800N

600N

MAP 3

100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

NAD 83
2112 2130 2160

AUSSIE FAULT

2062 LEVEL

2112 LEVEL

2130 LEVEL

2160 LEVEL

400N



2118 X-Cut
LEGEND

..... PROJECTED SP ANOMALY

George G. Addie, P.Eng.

AMT RESOURCES LTD.

Self Potential Survey

Date: Sep. 15, 1997

800W

600W

400W