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**BONAPARTE PROPERTY EAST**  
**1987**  
**GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT**

Kamloops Mining Division

N.T.S. 92I/16 92P/1

Latitude 51° 00' N

Longitude 120° 25' W

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by

J.A. McClintock, P.Eng.

for

Gabriel Resources Ltd.

Inter-Pacific Resource Corp.

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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**  
December 1987

**17,086**

**PART 2 OF 3**

<u>CLAIM NAME</u>	<u>RECORD NUMBER</u>	<u>NUMBER OF UNITS</u>	<u>DATE RECORDED</u>
BOB 21	5766	20	July 11, 1984
BOB 22	5767	15	July 11, 1984
BOB 23	5768	15	July 11, 1984
BOB 24	5735	20	June 18, 1984
BOB 33	6425	20	Nov. 13, 1985
BOB 35	6426	12	Nov. 13, 1985
BOB 36	6427	8	Nov. 13, 1985
BOB 37	6428	4	Nov. 13, 1985
BOB 39	6429	20	Nov. 13, 1985
BOB 40	6430	20	Nov. 13, 1985
BOB 42	6432	15	Nov. 13, 1985
BOB 47	6437	10	Nov. 13, 1985
BOB 48	6438	6	Nov. 13, 1985
BOB 231	6919	10	Feb. 18, 1987
BOB 232	6920	15	Feb. 18, 1987
BOB 233	6921	6	Feb. 18, 1987
STU 1	6440	20	Nov. 13, 1985
STU 11	6439	20	Nov. 13, 1985
STOB 1	6880	15	Dec. 22, 1986
STOB 2	6881	12	Dec. 22, 1986
STOB 3	6882	16	Dec. 22, 1986
STOB 4	6883	20	Dec. 22, 1986

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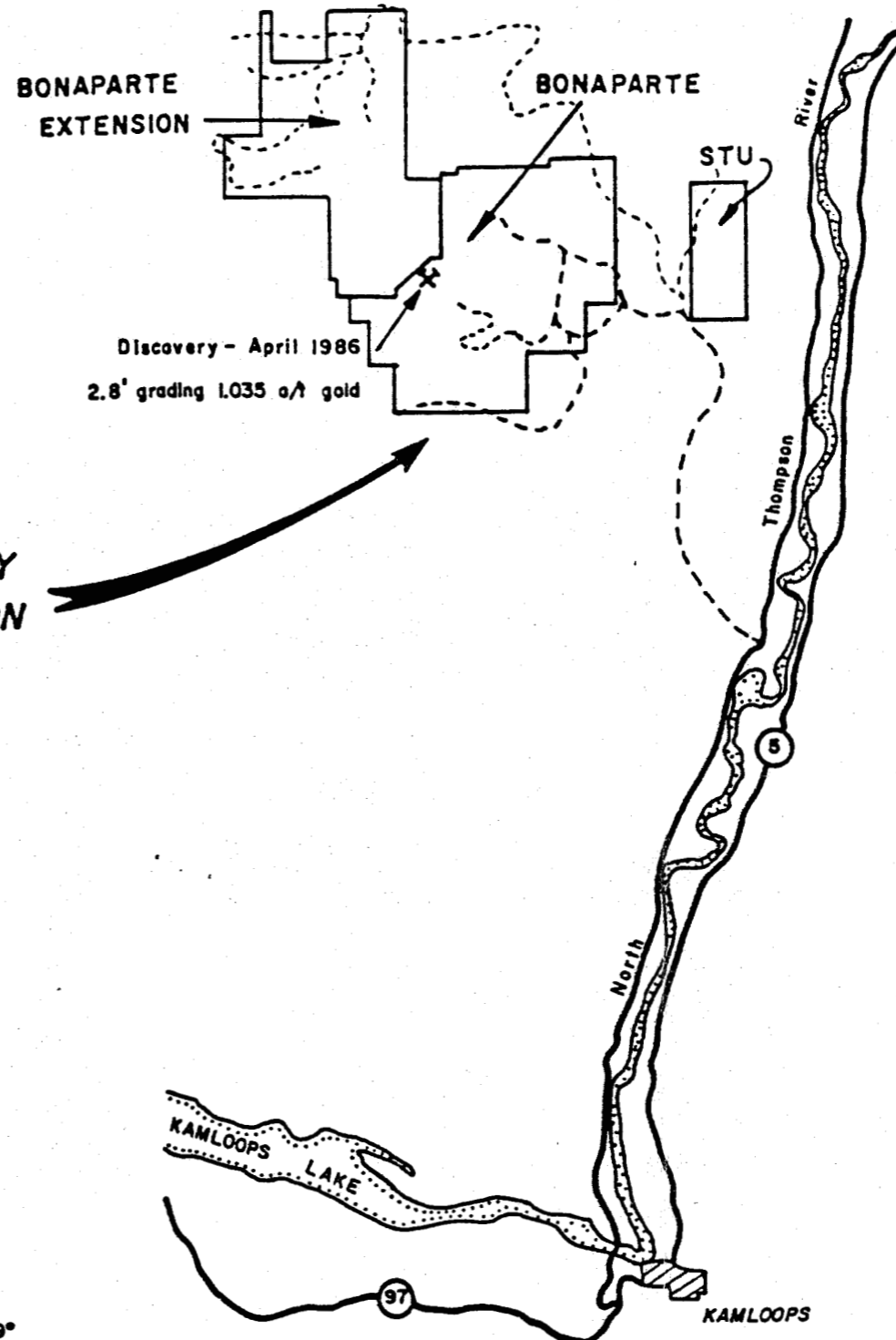
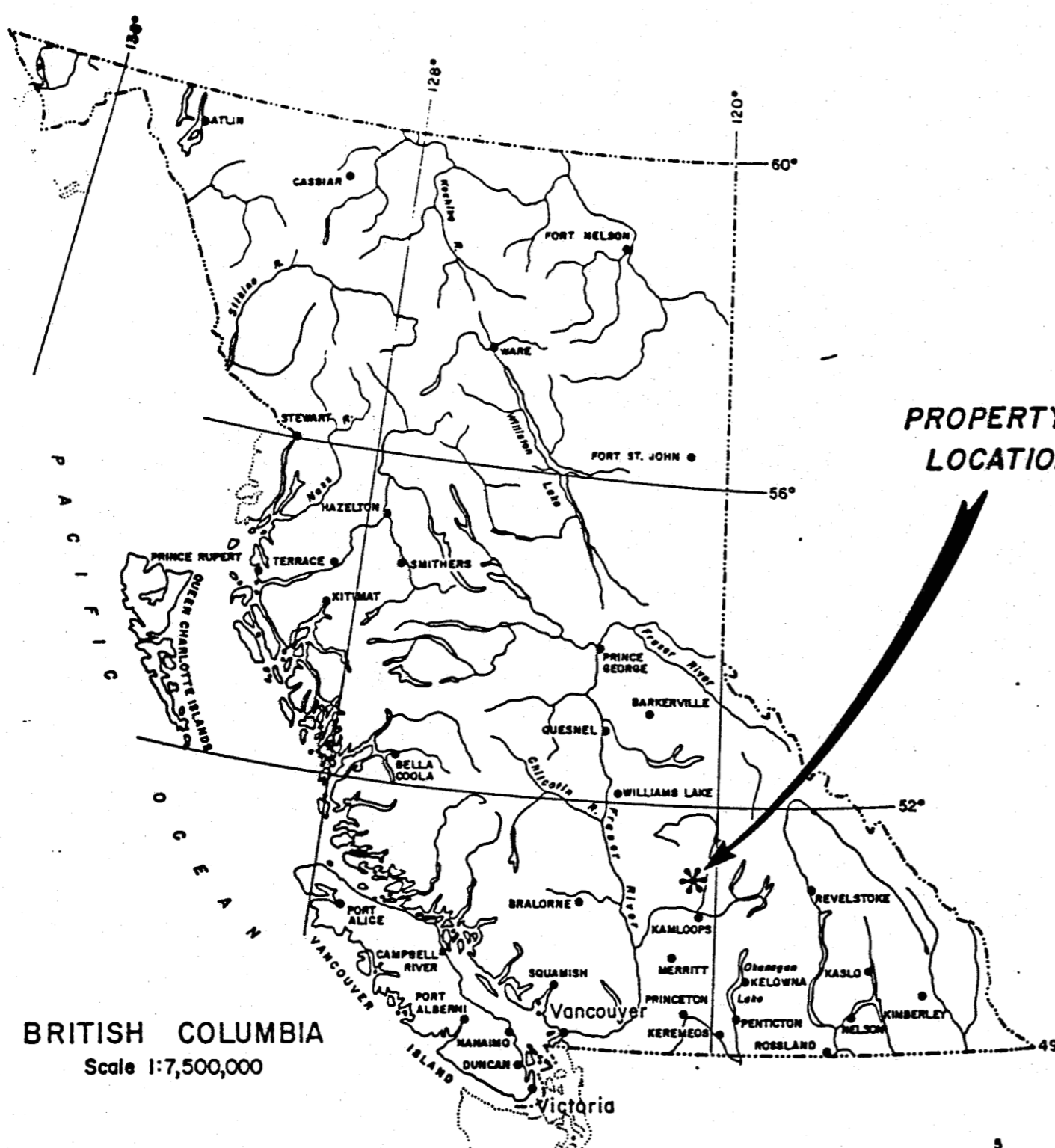
**1.0****INTRODUCTION**

The Bonaparte East property was staked by MineQuest Exploration Associates Ltd. on behalf of GoldQuest I, a General Limited Partnership in 1983 to protect ground defined as anomalous for gold, arsenic and antimony in heavy mineral samples taken from stream sediments. Subsequently to staking, GoldQuest carried out limited reconnaissance prospecting and geochemical sampling of the claims. This program did not obtain a satisfactory explanation for the anomalous heavy mineral samples.

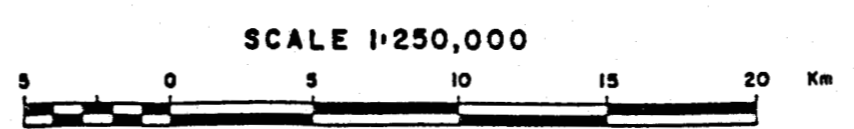
In late 1984, spectacular gold values were discovered in quartz veins on the adjacent Bonaparte Central property. This discovery rekindled interest in the unresolved anomalous heavy mineral anomalies on the Bonaparte East Property. In 1985, the claims were acquired by Inter-Pacific Resource Corp. who, in 1986, optioned the property to Gabriel Resources Ltd. Subsequently, further prospecting, heavy mineral, rock and silt sampling of the property was carried out in the fall of 1986. Encouraging results from the 1986 program prompted an airborne geophysical program. Exploration targets, identified by these earlier programs, were explored with a comprehensive program of heavy mineral sampling, grid soil sampling, geological mapping, ground VLF-EM and magnetometer surveys. This second program was carried out from August 24 to November 24, 1987. The following report discusses the 1987 fall program.

**1.1 Location, Access and Physiography**

The Bonaparte property is located some 35 kilometres north of Kamloops, in the Kamloops Mining Division. The claims cover a portion of the Bonaparte plateau and the headwaters of numerous drainages including Jamieson, Bob, Wentworth, Tsintsunko, and Criss Creeks. Topography is for the most part subdued, with elevations ranging from 1350m along Wentworth Creek to almost 1800m at the highest point on the claims. Access is afforded by



PROPERTY LOCATION



BONAPARTE PROPERTY			
LOCATION MAP			
PLAN NO. 780	DRAWN	DATE APRIL 85	FIGURE 1
Revised <u>Sept 85</u> <u>Dec 85</u> <u>Apr 86</u>		N.T.S. 92 I, 92P	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

numerous logging roads and trails branching off the main Jamieson Creek road, which leaves the paved road on the west side of the North Thompson River about 23 kilometres north of Kamloops.

## 1.2 Claim Status

The Bonaparte West Property consists of 23 modified grid claims totalling 327 units and is owned by Inter-Pacific Resources Ltd. Under terms of an option agreement, Gabriel Resources Ltd. has a right to earn a 50% interest in the claims.

The current status of the claims is as follows:

<u>CLAIM NAME</u>	<u>RECORD NUMBER</u>	<u>NUMBER OF UNITS</u>	<u>DUE DATE BEFORE FILING OF 1987 WORK</u>
BOB 21	5766	20	July 11, 1990
BOB 22	5767	15	July 11, 1990
BOB 23	5768	15	July 11, 1990
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STOB 4	6883	20	Dec. 22, 1988



### 1.3 Previous Work

The property area was previously explored for molybdenum mineralization in 1969 (AJS - GEM 1969, p. 234), 1973 (AJS - GEM 1973, p. 269), and 1979 (AJS - Exploration in B.C. 1980, p. 295). In 1973, Amoco Canada Petroleum Company Ltd. did geological mapping, soil sampling, magnetometer and IP surveys, and diamond drilled two BQ size holes totalling 299 metres. Results were discouraging.

In 1983, a reconnaissance heavy mineral silt sampling program by MineQuest on behalf of the GoldQuest I Limited Partnership defined the area of the claims as anomalous for gold, arsenic and antimony. A program of reconnaissance geological mapping, rock and silt sampling was carried out to define the source of the anomalous gold and trace elements in the heavy mineral samples. Late in the program, gold mineralization was discovered in quartz vein stock works in quartz diorite on what is now the Bonaparte Central Property. Subsequent exploration of the Bonaparte Central Property discovered numerous gold-bearing vein-quartz boulders with grades ranging between 0.10 and 15.97 opt.

In the fall of 1985, a 75% interest in the claims comprising the Bonaparte East property was acquired by Inter-Pacific Resource Corp. who in turn optioned the claims to Gabriel Resources in the fall of 1986. Further prospecting, rock and silt sampling of the property was undertaken during late 1986. For a complete description of the 1986 Work Program, the reader is referred to a report entitled:

Bonaparte Property  
Prospecting, Geochemistry and Heavy Mineral Sampling  
October and November, 1986  
by A.W. Gourlay

## 2.0

1987 EXPLORATION PROGRAM

The 1987 exploration program consisted of an initial phase of target definition based on the findings of the 1986 exploration and on results from an airborne VLF EM, magnetometer and resistivity survey carried out over the claims. Selected portions of the claims were subjected to detailed prospecting, additional heavy mineral sampling, rock sampling and geological mapping. Prompted by anomalous gold values obtained from quartz veins and a favourable geological environments in the Cooler Creek area, the C grid was established from which soil samples were collected. Later in the program, ground VLF EM and magnetometer surveys were completed over the grid.

During the course of the field work, a total of 6 heavy mineral, 1,150 soil and 122 rock samples were collected. Geological mapping at a scale of 1:10,000 was completed over the entire claims and more detailed 1:2500 scale mapping was carried out within the grid C area.

## 3.0

REGIONAL GEOLOGY AND MINERALIZATION

The vicinity of the Bonaparte east claims was mapped by Campbell and Tipper in 1965 and by Monger and McMillan in 1983. Campbell and Tipper considered the rocks in the claim area to be Carboniferous to Permian Cache Creek Group rocks consisting of argillite, quartzite, hornfels, limestone, sheared conglomerate, breccia, greenstone and serpentinite.

McMillan's and Monger's mapping classed the basement in the claim area as Paleozoic and Mesozoic. A sedimentary package of argillite, cherty argillite, siltstone, volcanic and chert grain sandstone, chert pebble conglomerate, volcanoclastics of basic to acid composition and rare carbonate pods were considered to be similar to the Devonian-Permian Harper Ranch Group. Volcanic rocks of augite porphyry, bladed feldspar porphyry, chlorite schist and metabasalt were mapped as belonging to the Triassic Nicola Group.

Intrusive into the Cache Creek rocks are quartz-diorite and granodiorite with minor diorite, monzonite, and gabbro of the early or mid-Mesozoic Thuya and Takomkane Batholiths. Capping the Paleozoic and Mesozoic are Miocene plateau basalts formed predominately of olivine basalt and andesite with minor ash and breccia.

Both gold and molybdenite mineralization occur on the adjoining Bonaparte Central Property. The molybdenum potential of the region was first investigated in the late 1960's by Gunnex Mines, and more thoroughly by Amoco Canada Petroleum Company Ltd. in the early 1970's. Placer gold was known to exist in Cooler Creek prior to 1940 and old trenches on barren quartz veins are believed to have been excavated by prospectors searching for the source of the placer gold. However, it was not until 1985, that gold mineralization was discovered in place by exploration crews employed by MineQuest Exploration Associates Ltd.

Porphyry-type molybdenum mineralization occur in and adjacent to a propylitically altered weakly pyritic diorite to quartz-diorite stock. The diorite, which has altered the intruded clastic sedimentary rocks to a biotite hornfels, hosts a multidirectional quartz-vein stockwork. Quartz veins and stringers are typically 2 cm or less in thickness and mineralized with occasional pyrite and rare traces of molybdenite. Molybdenite also occurs at one locality in the siliceous hornfels adjacent to the diorite. Drilling and surface sampling of the molybdenite mineralization returned very low molybdenum assays.

Gold and associated pyrite and chalcopyrite occur in six or more north to northeasterly trending quartz veins within the propylitically altered diorite stock (Gosse, 1986). The quartz veins are milky white to translucent in colour and have a massive to locally drusy texture. Along strike the veins pinch and swell with thicknesses ranging from 0.20 to over 2 metres. Splaying and reconvergence of veins along strike has been documented. The veins are mineralized with variable amounts of pyrite, chalcopyrite and free gold. Chalcopyrite and pyrite form irregular and discontinuous veinlets, pods and vein-filling fractures in the quartz. Gold grades are weakly correlateable with both thickness and sulphide content. The auriferous quartz veins cross cut the quartz stockwork and therefore postdate the porphyry molybdenum mineralization (Peatfield, 1986). Gold values are restricted to the quartz veins and sheared wall rock immediately adjacent to the veins.

The gold quartz vein system and the molybdenum porphyry mineralization may be genetically related. It is well documented that mineral zoning occurs in porphyry molybdenum deposits and that there is often multiple periods of mineral deposition. Molybdenum mineralization often grade outwards into precious metal veins. Although precious metal veins associated with, or cutting

earlier molybdenum stockworks, are generally silver-rich, gold-bearing veins are associated with some porphyry molybdenum occurrences in British Columbia such as Alwyn Creek, Brew Claims and Carmi. Therefore, it is possible that veins maybe either late stage veins related to the weak molybdenum porphyry systems, or possible peripheral veins that are related to a younger, still buried porphyry molybdenum system.

**4.0****PROPERTY GEOLOGY**

The claims were geologically mapped at a scale of 1:10,000 (Figs. 4-6). Mapping was hampered by the paucity of rock outcroppings. Generally outcrops form less than 2% of the surface area and resulted in the use of float-mapping for much of the geological mapping. Parameters used in interpreting bedrock geology from rock float were angularity and abundance combined with the known direction of glacial movement as documented by Maynard (1986). The greater the abundance and angularity of a particular rock-type, the closer to the bedrock source.

**4.1 Lithologies**

Geological mapping on the claims subdivided the lithologies into 3 general groups. From oldest to youngest these are: metasedimentary and metavolcanic rocks (Units Ar, Vt/f, Sd); quartz monzonite and hornblende diorite (Units Gd, Di); and basaltic to andesitic lavas, breccias and minor tuffs (Unit Ba).

**Metasedimentary and MetaVolcanic Rocks**

The metasedimentary and metavolcanic rocks are divisible into 3 distinct subunits. Structurally these are; an underlying argillaceous metasedimentary unit (Ar) which is overlain by metamorphosed tuff, breccia and flows of andesitic to basaltic-andesitic composition (Unit Vt,f) which is in turn overlain by metagreywacke, siltstone and minor conglomerate (Sd). The contact between units Ar and Vt,f is conformable and is marked by a transition zone of intercalated argillaceous shale and tuff. The contact between the metavolcanics and overlying metasedimentary rocks was not observed, but on the basis of similar bedding attitudes is assumed to be conformable.

Unit Ar:

An unknown thickness of argillaceous metasedimentary rocks are exposed in the Tsintsunko Lake, Wentworth and Bob Creek areas. The unit is predominately composed of medium grey coloured, phyllitic shale, and argillaceous siltstone with minor interbeds of greywacke. Typically, the phyllitic units contain conformable, boudinaged, milky white to grey sugary textured quartz veins. The argillaceous siltstone and shale are weakly graphitic and locally contain trace amounts of pyrite. This rock-type is equated to Paleozoic age rocks mapped by MacMillan and Monger.

Unit Vt,f:

Metamorphosed volcanic rocks are exposed in a narrow north-northeasterly trending band from Gizzard Flats in the north to Cooler Creek in the south. In the northern area, particularly between Gizzard Flats and Rae Creek, the unit is predominately autobrecciated flows, agglomerate, breccia and lesser tuff. Although the rock have undergone low-grade metamorphism, the volcanic textures such as broken pillow fragments are recognizable. Southward, tuffs predominate and intercalated argillaceous siltstone and shale are present.

Metamorphism has altered the original mafic minerals to chlorite and has transformed the fine grained tuffs to chlorite schist. Conformable, lensoidal, white quartz veins related to regional metamorphism are common in the chlorite schists. Like the meta-argillite hosted veins, the schist hosted veins contain traces of pyrite. This rock unit is also equated to Paleozoic-age rocks mapped by MacMillan and Monzer.

Unit Sd:

This unit consists of thinly to thickly bedded greywacke, arkose and lesser siltstone and rare conglomerate and limestone. Cross bedding, scour marks and graded bedding characteristic of turbidite deposition are present. Shale and andesite fragments were noted as clasts in some of the coarser grained rocks. Low-grade metamorphism has transformed the siltstones into phyllites.

Unit Di:

Hornblende diorite forms dykes and small stock-like bodies that intrude the Ar and Sd units in the Cooler and Bob Creek areas. The diorite varies from a crowded porphyritic rock composed of 2 to 5mm phenocrysts of feldspar and hornblende in a finer grained felsic groundmass to a hypidiomorphic granular rock. Feldspar phenocrysts are generally coarser grained than the hornblende and form up to 50% of the rock while hornblende comprises up to 20%. The diorite is weakly propylitically altered with feldspars sauceritized and mafic minerals chloritized. Quartz veins and stringers up to 10cm thick cut the diorite. Traces of pyrite occur as fine grained disseminations, fracture fillings and in the quartz veins. These intrusions are thought to be related to the Mesozoic age Thuya and Takomkane intrusions.

Argillaceous sedimentary rocks at the contact with the diorite have undergone metasomatism (Unit Hn). Typically, the hornfelsing has transformed the sedimentary rocks to a brown to purplish-brown coloured, well indurated fine grained, sugary textured silicious hornfels. During hornfelsing, the rock were pyritized. Both intensity of hornfelsing and pyritization vary directly with proximity to the diorite.



Unit Qm:

Biotite quartz monzonite forms a batholith and related satellite stock east of Tsintsunko Lake. The rock is a medium to coarse grained hypidiomorphic rock containing abundant xenoliths of partially assimilated metasedimentary and metavolcanic rocks. With the exception of thermal metamorphism, the intruded rocks are unaltered. Like unit Di, this rock-type is considered part of the Thuya and Takomkane intrusions.

Unit Ba:

Basaltic to andesitic lavas and related breccias and tuffs are wide spread and overlie nearly 70% of the claim area. These volcanic rocks are Miocene in age and unconformably overlie the older rocks.

**4.2** Structural Geology

The Paleozoic rocks have been subjected to at least one phase of folding and low-grade metamorphism. The limited rock exposure did not permit mapping out of any large-scale folds; however, evidence of such folding is present in a penetrative foliation/cleavage and small-scale, tight, isoclinal folds. These small scale features suggest that larger scale isoclinal folding of the Paleozoic strata did occur. Where observed, this axial plane cleavage subparallels the bedding and suggests that the claims overlie one limb of a large-scale isoclinal fold. Both the cleavage and bedding strike northerly and dip gently to the east.

Contemporaneously with folding the sedimentary rocks have undergone very low to low grade metamorphism which has transformed the finer grained sedimentary and volcanic rocks into sericite-graphite and sericite-chlorite

phyllites. Metamorphism has also developed quartz and quartz-feldspar "sweats". These "sweats" form discontinuous, boudinage-shaped bodies that are usually concordant with bedding. Generally, these bodies, form rod-shaped bodies to 15cm thick that are preferentially localized in the hinges of minor folds. Occasionally, the quartz forms narrow offshoots that transects bedding. These are usually thin, seldom exceeding 5cm, and are restricted to the immediate vicinity of larger conformable bodies of quartz.

Both the diorite and quartz monzonite appear to postdate metamorphism and folding. No evidence of any folding of the strata during emplacement of the intrusives was observed.

The basalts, which cap the older rocks, are generally flat-lying.

#### 4.3 Mineralization

Several types of quartz veins were noted during prospecting and mapping. This veining includes quartz lenses and rod-shaped bodies in phyllitic argillite and chlorite schists; vein swarms cutting greywacke; narrow quartz stringers and veinlets cutting diorite; and 10 to 20cm thick sulphide-bearing quartz veins cutting hornfels.

In the upper Cooler Creek area, 10 to 20cm thick quartz veins cut hornfelsed metasedimentary rocks are exposed in small outcrops and present as rubble in the creek. These veins consist of massive translucent white quartz which contain up to 5% pyrite and traces of chalcopryite. The veins have sharp, well defined walls and cross cut the metamorphic fabric of the host hornfels. The sulphides occur as granular aggregates and medium grained disseminated grains in the vein. Sampling of the exposed veins obtained a gold assay of 0.023 opt (BP87504). A sample of angular chalcopryite-bearing quartz collected from Cooler Creek assayed 2.13 opt gold (BP87526). Source of the high-grade gold-bearing quartz was not found.

Narrow, 2cm or less quartz veinlets were found in the hornblende diorite stock exposed in Cooler Creek at the western claim boundary. These veinlets or stringers are widely spread and multi-directional and sparsely mineralized with disseminated pyrite. The wall rock contacts of the veins are not as sharp as the thicker hornfels hosted veins. Samples of this vein type all returned background gold values.

Swarms of white, sugary textured quartz veins were noted on the Stu claims (Fig. 6). These veins, which are up to 10cm thick, are preferentially oriented northwesterly and occupy a 300m wide zone traceable for 1000m. Individual veins can be traced for up to 20m and generally have northwesterly strikes and moderate northeasterly dips. The veins are primarily quartz with lesser amounts of calcite. Trace amounts of disseminated pyrite occur in some of the veins. Over 50 rock samples were taken of these veins, all of which had background amounts of gold.

Quartz lenses and rocks are common in the phyllitic argillites and chlorite schists throughout the claim area. Locally, these veins contain disseminations and aggregates of finely crystalline pyrite in amounts up to 5%. Typically the pyrite occurs at the contact of the quartz and the enclosing rock. These quartz bodies are conformable with the enclosing phyllites and schists and are of metamorphic origin. The source of the quartz was probably from remobilization of siliceous beds into the noses of small scale structures during regional low-grade metamorphism. Although most samples of this type of quartz were very low for gold, a few samples of this type of quartz were weakly anomalous (0.007 opt). These low gold values may be caused by reconcentration of background gold values into the quartz during metamorphism.

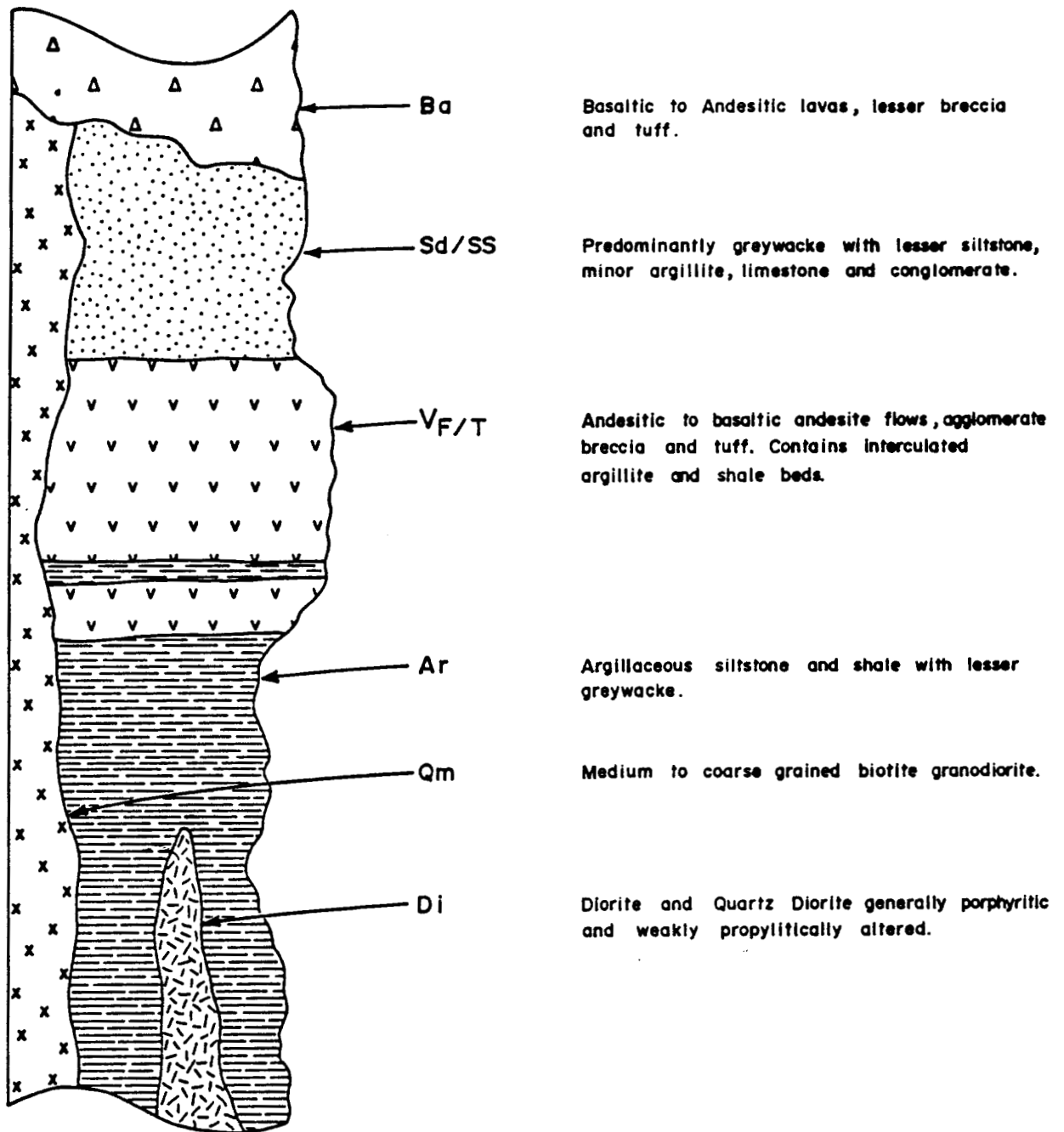
## 5.0

GEOCHEMISTRY

Geochemical sampling of the property consisted of heavy mineral, soil and rock sampling. Because of the restricted numbers of rock exposures, geochemistry was the primary exploration tool used in evaluating the claims. Heavy mineral sampling was designed to more precisely define the source of anomalous gold in the 1986 samplings. Soil sampling in a grid pattern was used to search selected areas deemed favourable by geology or previous geochemical sampling. Rock sampling was used in conjunction with prospecting and grid soil sampling to locate gold mineralization. The limited rock outcroppings, resulted in most samples being collected from float material. Geochemical sampling was focussed in the Cooler Creek, Wentworth Creek, Rae Creek, and Stu Claim areas.

5.1 Sample Collection, Preparation and AnalysisHeavy Mineral Samples

A total of 6 heavy mineral samples were collected. At each site a minimum of 10kg of -35 mesh stream sediment was collected, placed in a plastic sample bag and shipped to Bonder Clegg's laboratory in North Vancouver. At the laboratory, the samples were sieved into a -150 mesh and +150 mesh fraction. Heavy media separation of the >3.2 specific gravity portion of each fraction was carried out followed by a magnetic separation. The >3.2 specific gravity portion of both fractions was then assayed for gold by fire assay. Sample location and analytical results are displayed on Figure 1 and listed in Appendix I.



INTER-PACIFIC RESOURCE CORP.  
 BONAPARTE PROPERTY

LITHOSTRATIGRAPHIC  
 SECTION

FIG 3

MINEQUEST EXPLORATION ASSOCIATES LTD.

### Soil Samples

Soil samples were collected at 20 metre intervals along lines spaced 50 metres apart. At each site, a sample of "B" horizon soil was collected and placed in a numbered kraft paper envelope. If B horizon soil was not available, no sample was collected. Soil samples were sent to Acme Analytical's laboratory in Vancouver where they were oven dried and screened to -80 mesh. A 10 gram subsample of the -80 mesh material was digested with a hot aqua regia solution followed by a MIBK extraction. Gold analysis of the MIBK extract was carried out on a Atomic absorption spectrophotometer. Analysis for silver and copper was carried out on 0.5 gram sample of the -80 mesh fraction by standard atomic absorption technique. Results of the gold, silver and copper analysis are plotted on Figures 7 through 9.

### Rock Samples

At each sample site a minimum of 1kg of rock chips were collected and placed in a labelled plastic sample bag and sent to Acme Laboratories in Vancouver. At the laboratory, the samples were crushed to 80% less than 10 mesh. A representative split of approximately 250 grams was obtained by passing the sample through a Jones Riffle splitter. The entire 250 gram split was reduced to -100 mesh. The pulverized material was then analyzed for gold by either fire assay techniques or by fire assay extraction followed by atomic absorption determination. Results of the analysis are plotted on Figure 4 through 6.

## 5.2 Results

### Cooler Creek Area

The Cooler Creek area was selected for detailed geochemical sampling based on the discovery of chalcopyrite mineralized quartz veins cutting hornfelsed metasedimentary rocks. Since rock exposure is less than 2% of the surface area, both contour and grid soil sampling were used to help locate gold-bearing quartz veins.

Based on soil sample results from both of the claims and on adjoining ground, the following values for gold, silver and copper were used to determine the anomalous levels:

<u>ELEMENT</u>	<u>ANOMALOUS</u>
Gold	30 ppb
Silver	1.0 ppm
Copper	50 ppm

Contouring of the >30ppb gold values highlighted numerous northerly trenching gold anomalous in the northern and eastern grid area. Values in the soil anomalies are up to 3270 ppb. All of these anomalies occur in areas that are predominantly overburden covered. No source of the anomalous gold has been identified but may be auriferous quartz veins concealed beneath overburden. Trenching and detailed prospecting of these anomalies is warranted.

Contouring of silver values outlined several multi-sample anomalies in the central grid area. The areas defined by anomalous silver are not coincident with either gold or copper. The cause of these anomalies is unexplained.

Contouring of copper values at 50ppm highlighted general prominent north to northeasterly oriented anomalies which form a broad northwesterly trending band through the grid area. Many of these anomalies are coincident or proximal to gold soil anomalies. As chalcopyrite occurs in the auriferous quartz veins these copper anomalies maybe caused by gold-copper mineralized veins concealed by overburden. Further evaluation of these anomalies with detailed prospecting and hand-excavated trenches is warranted.

Three short, reconnaissance contour soil lines were run across an area of quartz veining in hornfels east of the grid. Two samples were anomalous for gold. Further prospecting is required to determine the source of the anomalous values.

#### Wentworth Creek Area

Geochemical testing of the Wentworth creek area consisted of contour soil sampling, rock sampling and collection of a heavy mineral sample (Fig. 5). Two of the soil samples collected from the initial contour soil sample line returned anomalous values for gold (280 ppb and 55 ppb). Subsequently, two additional soil lines were run, one above the anomalous values, and the other below. These follow up samples were all low for gold.

A heavy mineral sample collected from the creek draining the vicinity of the anomalous soil samples, was highly anomalous for gold (HM208) containing >10,000 ppb in the coarse fraction. The source for the anomalous gold could either be from upslope of the contour soil samples or down-slope. If the source of the gold is above the contour samples, then the isolated gold anomalous soil samples could be explained by down slope dispersion from an upslope source. Locating the source of the anomalous heavy mineral and soil samples will require detailed prospecting and grid soil sampling.



Rock samples, except for sample BP 8794, were low for gold. Sample BP8794 (230 ppb), was of quartz vein float. Further prospecting is required to locate the source of this anomalous float.

#### STU Claims

The STU claims were evaluated with detailed prospecting, rock sampling and three heavy mineral samples. Extensive rock sampling of a northwesterly trending quartz vein swarm which traverses the central STU claim area was carried out. This quartz-veining had previously been assumed to be the likely source in a heavy mineral sample collected from the east fork of Jamieson Creek. All samples collected from the quartz veins and enclosing wall rock were very low for gold (Fig. 6).

To more precisely define the source area of the gold in the original heavy mineral sample, 3 additional heavy mineral samples were collected at points down stream, midway and up stream from the quartz veining. Analytical results show all three samples to be anomalous for gold and imply that the source of the gold lies up stream from the quartz veining. The possible source of gold occurs in a flat swampy area, devoid of rock outcroppings. Location of the source will require further geochemical sampling.

#### Rae - Bob Creek Area

Both the Rae and Bob Creek drainages had been previously highlighted by heavy mineral sampling as anomalous for gold. Evaluation of these areas consisted of rock sampling and additional heavy mineral sampling (Fig. 5).

To more precisely define the source of the anomalous gold in Rae creek, two additional heavy mineral samples were collected (HM206, HM207). Sample HM206 returned anomalous gold values, while HM207 was not anomalous. The source area defined by these two samples is underlain by phyllitic tuffs and agglomerates that are pyritic and contain conformable quartz lenses and rods. Sampling of this quartz returned low gold values, the highest being 0.007 opt.

The low gold values in these quartz veins, when coupled with the high concentration factor of the heavy mineral procedure might explain the anomalous gold values in sample HM206.

Prospecting of Bob Creek found phyllitic andesitic tuffs and argillitic containing lenses and rods of pyrite-bearing quartz veins. Assays of this quartz returned low-values for gold (.001 opt or less).

As in the Rae Creek drainage, the anomalous gold in the heavy mineral samples maybe explained by the high concentration factor of the heavy mineral procedure.

**6.0****GEOPHYSICS**

Grid C was explored with VLF EM and magnetic surveys. The entire grid area was covered with the magnetic survey, while only the northern grid area was surveyed with VLF EM.

**6.1 Magnetometer Survey**

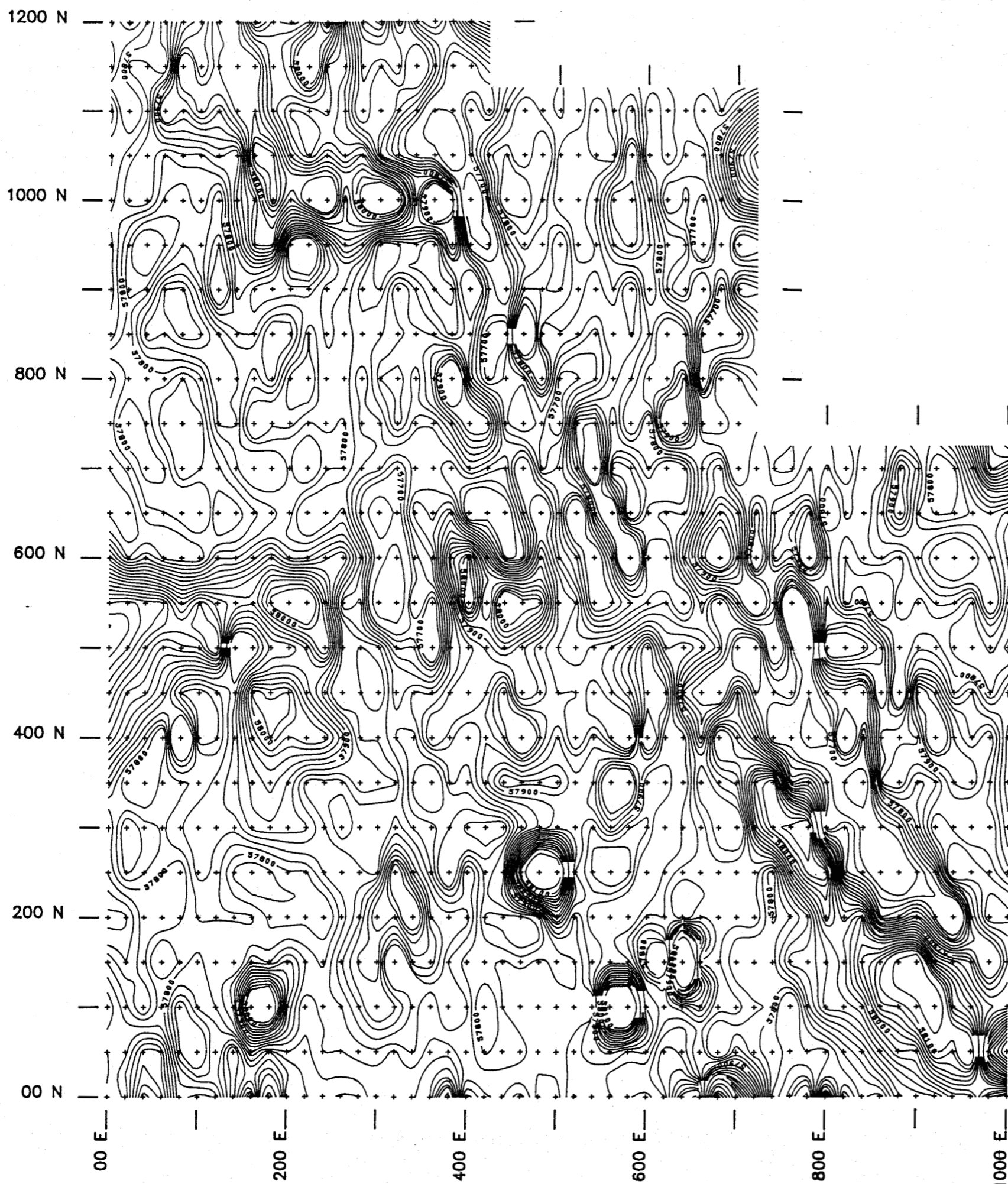
The magnetic survey utilized a Scintrex fluxgate magnetometer. Readings were collected at 20m intervals along the same lines as used by the soil survey. Corrections for diurnal drift were made using a base station recorder. Results of the survey are displayed on figure 10.

Review of the contoured data highlighted a prominent linear, northerly trending magnetic low along the Cooler Creek drainage. This low is interpreted to be a fault zone. A second feature discernable is a series of northeasterly oriented linears that offset the prominent magnetic low. These northeasterly linears are interpreted to be faults. Other recognizable features are magnetic highs that flank areas known to be underlain by diorite porphyry. These highs are thought to be caused by disseminated pyrrhotite in hornfelsed sediments peripheral to the diorite.

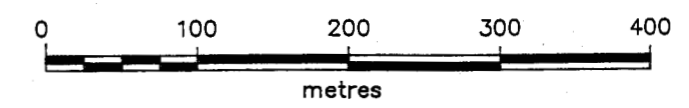
**6.2 VLF EM**

Lines 7100N through 1200N were surveyed with a Geonics EM16. The survey used the VLF station in Seattle transmitting at 24.8 kHz. Readings were taken facing the transmitting station at 20 metre intervals along the lines. Field readings are listed in Appendix IV and the Fraser Filtered data is presented on figure 11.

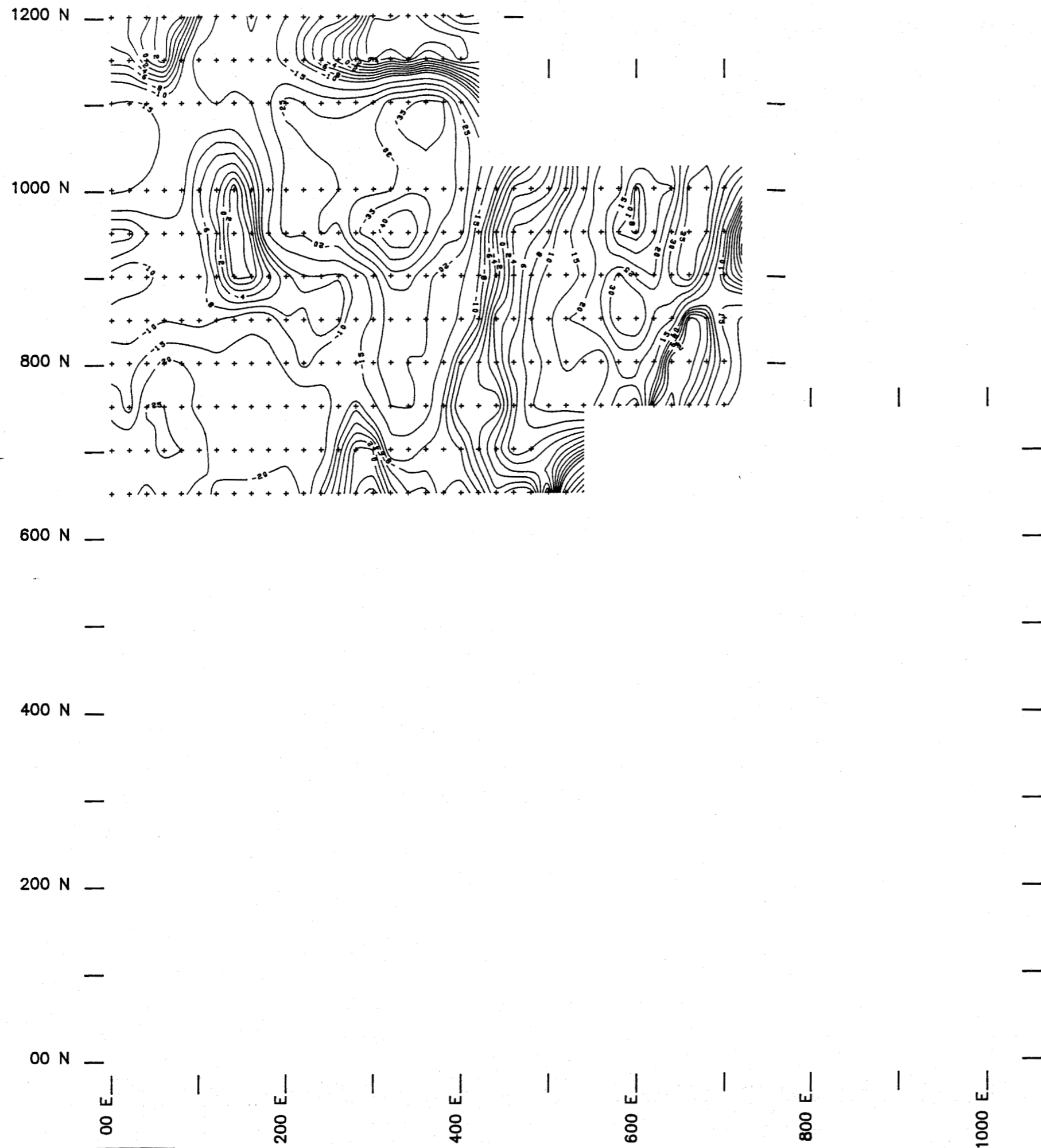
The most prominent conductor is coincident with the main magnetic low. This conductor may be related to a fault zone or maybe due to topographic effects. Other, weaker conductors are also thought to be fault related. None of these conductors are coincident with known veins or gold geochemical anomalies.



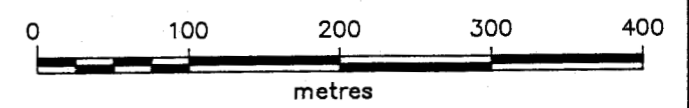
Instrument: Scintrex MP-4



<b>BONAPARTE EAST</b>			
"C" GRID GEOPHYSICS			
<b>MAGNETIC CONTOUR MAP</b>			
20 GAMMA INTERVAL			
PLAN No. -	DRAWN BY: GEO-COMP	DATE JAN.'88	<b>FIGURE 10</b>
Originator: AWG		N.T.S. 92LP	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



Instrument: GEONICS EM-16  
 Transmitter: Seattle, Washington



<b>BONAPARTE EAST</b>			
<b>"C" GRID GEOPHYSICS</b>			
<b>VLF TILT ANGLE MAP</b>			
5% CONTOUR INTERVAL			
PLAN No. -	DRAWN BY: GEO-COMP	DATE JAN '88	<b>FIGURE</b> <b>11</b>
Originator: AWG		N.T.S. 92LP	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

## 7.0

DISCUSSION

Exploration to date in the Cooler creek drainage resulted in the discovery of auriferous quartz vein float assaying to 2.13 opt gold and a northerly trending vein assaying 0.022 opt across 0.15 meters. In the vicinity of these veins several multistation and numerous single station gold-soil anomalies with values up to 3275 ppb have been identified. Three of these anomalies are open to the north and one is open to the south. Copper anomalies are coincident or in close proximity to many of these gold anomalies. On the Bonapart Central ground, the known gold-bearing vein contain chalcopyrite, thus the association of copper and gold may indicate similar veins are present in the grid C area. The rock underlying the anomalies are silicified biofite hornfels and diorite. Both rock types would fracture brittly and would be good hosts for vein mineralization.

VLF and magnetometer surveys show linear features interpreted as faults within the areas highlighted by gold and copper anomalies. These interpreted faults may be host structures for vein mineralization.

Outcrop in the grid C area is limited to less than 2% of the surface area. Evaluation of the geochemical and geophysical anomalies will require detailed prospecting in conjunction with hand and backhoe excavated trenches. The still-open soil geochemical anomalies should be closed off by extending the grid both to the north and south. The presence of soil samples located east of the grid that are anomalous for gold suggests gold mineralization may be present. This area should also be geochemically sampled by extending the grid to the east.

In the Wentworth area, highly anomalous gold values were obtained from the coarse fraction of a heavy mineral sample collected from creek draining an area south of grid C. Reconnaissance soil sampling in the drainage basin of this creek found isolated anomalous gold values of 280 and 55 ppb. This may indicate the gold source lies upslope from the reconnaissance soil lines. The upper part of the drainage is underlain by siliceous biotite hornfels, a rock type which would be a suitable host for auriferous vein type mineralization. A more precise definition of the source area is possible by additional heavy mineral sampling. Once the potential source area is defined, close-spaced grid-soil sampling, VLF EM and magnetometer surveying could pin point the gold mineralization.

The source of anomalous gold in heavy mineral samples from the STU claims appears to be from north of the current claim boundary in an area of low relief and possibly thick overburden cover. Exploration for the cause of the anomaly could consist of additional heavy mineral sampling coupled with float prospecting and reconnaissance soil geochemistry. Exploration will be difficult since much of the area is low swampy ground in which conventional soil geochemistry may be ineffective because of thick overburden cover.

The heavy mineral anomalies in Cooler and Bob creeks are possible caused by concentration of low quantities of gold within pyritic rods and lenses of quartz. Verification of this theory would require analysis of a pyrite concentrate obtained from the quartz.

## 8.0

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**APPENDIX I**  
**LABORATORY REPORTS**

JACK MCLL.

ACME ANALYTICAL LABORATORIES LTD.  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: OCT 6 1987

V6A 1R6

DATE REPORT MAILED: *Oct 16/87*

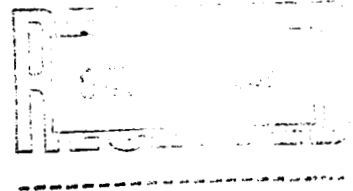
### GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.  
- SAMPLE TYPE: SOIL AU\* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT-BNE File # 87-4783 Page 1

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 12+00N 0+00E	16	.2	4
C 12+00N 0+20E	24	.5	3
C 12+00N 0+40E	26	.1	1
C 12+00N 0+60E	30	.1	1
C 12+00N 0+80E	25	.3	17
C 12+00N 1+00E	30	.1	1
C 12+00N 1+20E	35	.3	1
C 12+00N 1+40E	13	.1	11
C 12+00N 1+60E	20	.4	8
C 12+00N 1+80E	42	.2	1
C 12+00N 2+00E	34	.5	1
C 12+00N 2+20E	30	.4	2
C 12+00N 2+40E	20	.4	1
C 12+00N 2+60E	12	.1	25
C 12+00N 2+80E	18	.2	6
C 12+00N 3+00E	20	.3	4
C 12+00N 3+20E	20	.4	1
C 12+00N 3+40E	17	.1	1
C 12+00N 3+60E	18	.4	5
C 12+00N 3+80E	47	.6	1
C 12+00N 4+00E	20	.2	1
C 11+50N 0+00E	33	.3	1
C 11+50N 0+20E	22	.5	4
C 11+50N 0+40E	42	.1	1
C 11+50N 0+60E	57	.7	1
C 11+50N 0+80E	25	.1	1
C 11+50N 1+00E	24	.1	1
C 11+50N 1+20E	13	.2	1
C 11+50N 1+40E	19	.1	2
C 11+50N 1+60E	31	.3	1
C 11+50N 1+80E	19	.1	18
C 11+50N 2+00E	24	.2	25
C 11+50N 2+20E	37	.2	57
C 11+50N 2+40E	18	.4	1
C 11+50N 2+60E	55	1.0	1
C 11+50N 2+80E	20	.1	1
STD C/AU-S	61	7.4	49



SAMPLE#	CU PPM	AG PPM	AU* PPB
C 11+50N 3+00E	18	.1	1
C 11+50N 3+40E	22	.2	1
C 11+50N 3+60E	23	.2	2
C 11+50N 4+00E	38	.3	1
C 11+00N 0+00E	113	.2	14
C 11+00N 0+20E	51	.1	1
C 11+00N 0+40E	49	.2	1
C 11+00N 0+60E	22	.3	3
C 11+00N 0+80E	23	.1	1
C 11+00N 1+00E	28	.1	16
C 11+00N 1+20E	28	.1	2
C 11+00N 1+40E	27	.1	2
C 11+00N 1+60E	22	.4	1
C 11+00N 1+80E	19	.5	2
C 11+00N 2+00E	21	.1	3
C 11+00N 2+20E	21	.4	2
C 11+00N 2+40E	22	.1	3
C 11+00N 2+60E	26	.1	5
C 11+00N 2+80E	20	.1	185
C 11+00N 3+00E	17	.4	7
C 11+00N 3+20E	17	.5	3
C 11+00N 3+80E	20	.1	1
C 11+00N 4+00E	75	.3	18
C 10+50N 0+00E	78	.1	25
C 10+50N 0+20E	25	.5	215
C 10+50N 0+40E	22	.1	2
C 10+50N 0+60E	24	.1	7
C 10+50N 0+80E	19	.1	13
C 10+50N 1+00E	23	.1	1
C 10+50N 1+20E	17	.6	14
C 10+50N 1+40E	30	.1	1
C 10+50N 1+60E	37	.1	76
C 10+50N 1+80E	27	.1	171
C 10+50N 2+00E	20	.3	38
C 10+50N 2+20E	30	.1	2
C 10+50N 2+40E	41	.1	1
STD C/AU-S	61	7.3	51

SAMPLE#	CU PPM	AG PPM	AU* PPB
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C 10+50N 2+80E	25	.3	1
C 10+50N 3+00E	21	.2	1
C 10+50N 3+40E	18	.2	7
C 10+50N 3+60E	19	.1	1
C 10+50N 3+80E	28	.1	12
C 10+50N 4+00E	36	.2	1
C 10+00N 0+20E	35	.2	14
C 10+00N 0+40E	40	.1	7
C 10+00N 0+60E	116	.1	16
C 10+00N 0+80E	46	.1	129
C 10+00N 1+00E	34	.1	1
C 10+00N 1+20E	21	.1	1
C 10+00N 1+40E	27	.3	1
C 10+00N 1+60E	31	.4	72
C 10+00N 1+80E	52	.1	5
C 10+00N 2+00E	31	.1	1
C 10+00N 2+20E	47	.1	12
C 10+00N 2+40E	38	.2	101
C 10+00N 2+60E	17	.3	5
C 10+00N 2+80E	28	.5	31
C 10+00N 3+00E	25	.2	6
C 10+00N 3+20E	23	.2	3270
C 10+00N 3+40E	21	.2	23
C 10+00N 3+60E	29	.5	9
C 10+00N 3+80E	43	.1	88
C 10+00N 4+00E	26	.1	1
C 10+00N 4+20E	30	.4	1
C 10+00N 4+40E	41	.4	9
C 10+00N 4+60E	22	.2	12
C 10+00N 4+80E	21	.1	136
C 10+00N 5+00E	20	.3	37
C 10+00N 5+20E	31	.1	14
C 10+00N 5+40E	21	.1	1
C 10+00N 5+60E	13	.5	4
C 10+00N 5+80E	16	.2	145
STD C/AU-S	58	7.2	48

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 10+00N 6+00E	15	.3	1
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C 10+00N 6+60E	43	.5	1
C 10+00N 6+80E	35	.4	1
C 10+00N 7+00E	40	.7	1
C 9+50N 0+00E	91	.8	335
C 9+50N 0+20E	67	.5	4
C 9+50N 0+40E	37	.6	2
C 9+50N 0+60E	26	.7	2
C 9+50N 0+80E	23	.3	4
C 9+50N 1+00E	24	.2	2
C 9+50N 1+40E	35	.5	1
C 9+50N 1+60E	29	.1	1
C 9+50N 1+80E	24	.5	1
C 9+50N 2+20E	27	.3	1
C 9+50N 2+40E	32	.4	5
C 9+50N 2+60E	41	.6	1
C 9+50N 2+80E	83	1.0	4
C 9+50N 3+00E	25	.5	1
C 9+50N 3+20E	26	.3	1
C 9+50N 3+40E	23	.3	1
C 9+50N 3+80E	26	.3	2
C 9+50N 4+00E	43	.5	1
C 9+50N 4+20E	58	.1	1
C 9+50N 4+40E	49	.4	67
C 9+50N 4+60E	30	.2	1
C 9+50N 4+80E	23	.1	2
C 9+50N 5+00E	17	.1	1
C 9+50N 5+20E	52	.4	3
C 9+50N 5+40E	20	.1	25
C 9+50N 5+60E	26	.2	1
C 9+50N 5+80E	28	.3	1
C 9+50N 6+00E	21	.1	1
C 9+50N 6+20E	16	.2	2
C 9+50N 6+60E	54	.7	1
C 9+50N 7+00E	44	.5	1
STD C/AU-S	59	7.2	52

SAMPLE#	CU PPM	AG PPM	AU* PPB
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C 9+00N 0+80E	96	.3	2
C 9+00N 1+00E	36	.6	1
C 9+00N 1+20E	26	.1	1
C 9+00N 1+40E	54	.5	1
C 9+00N 1+60E	30	.2	1
C 9+00N 1+80E	171	.4	1
C 9+00N 2+00E	13	.1	1
C 9+00N 2+20E	70	.2	1
C 9+00N 2+40E	76	.4	1
C 9+00N 2+60E	66	.1	1
C 9+00N 2+80E	34	.1	1
C 9+00N 3+00E	53	.1	1
C 9+00N 3+20E	59	.1	19
C 9+00N 3+40E	111	.1	1
C 9+00N 3+60E	85	.1	1
C 9+00N 3+80E	99	.1	1
C 9+00N 4+20E	28	.3	240
C 9+00N 4+40E	45	.1	10
C 9+00N 4+60E	36	.1	24
C 9+00N 4+80E	21	.1	5
C 9+00N 5+00E	17	.1	63
C 9+00N 5+20E	18	.1	1220
C 9+00N 5+40E	24	.1	7
C 9+00N 5+60E	19	.1	5
C 9+00N 5+80E	22	.1	47
C 9+00N 6+00E	10	.1	1
C 9+00N 6+20E	18	.3	1
C 9+00N 6+40E	29	.5	1
C 9+00N 6+60E	36	.1	1
C 9+00N 6+80E	40	.4	2
C 9+00N 7+00E	40	.2	1
C 8+50N 0+00E	12	.1	11
STD C/AU-S	59	7.0	52

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 8+50N 0+20E	33	.1	1
C 8+50N 0+40E	24	.2	6
C 8+50N 0+60E	24	.1	1
C 8+50N 0+80E	18	.2	1
C 8+50N 1+00E	20	.1	1
C 8+50N 1+20E	37	.1	5
C 8+50N 1+40E	54	.1	1
C 8+50N 1+60E	240	1.3	1
C 8+50N 1+80E	39	.4	5
C 8+50N 2+00E	32	.1	1
C 8+50N 2+20E	150	.1	1
C 8+50N 2+40E	23	.2	2
C 8+50N 2+60E	19	.2	1
C 8+50N 2+80E	21	.1	1
C 8+50N 3+00E	20	.1	96
C 8+50N 3+20E	16	.1	1
C 8+50N 3+40E	14	.1	1
C 8+50N 3+60E	31	.1	1
C 8+50N 3+80E	105	.1	1
C 8+50N 4+00E	44	.2	2
C 8+50N 4+40E	36	.1	1
C 8+50N 4+60E	39	.1	1
C 8+50N 4+80E	19	.1	21
C 8+50N 5+00E	19	.2	7
C 8+50N 5+20E	19	.1	10
C 8+50N 5+40E	27	.1	15
C 8+50N 5+60E	19	.3	34
C 8+50N 5+80E	36	.3	42
C 8+50N 6+00E	23	.3	50
C 8+50N 6+20E	33	.3	1
C 8+50N 6+40E	36	.2	2
C 8+50N 6+60E	47	.7	1
C 8+50N 6+80E	50	.3	1
C 8+50N 7+00E	24	.1	1
C 8+00N 0+00E	96	.3	14
C 8+00N 0+20E	113	.3	230
STD C/AU-S	60	7.1	48

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 8+00N 0+40E	19	.2	1
C 8+00N 0+60E	66	.8	8
C 8+00N 0+80E	76	.5	10
C 8+00N 1+00E	77	.6	7
C 8+00N 1+20E	18	.1	1
C 8+00N 1+40E	65	.5	1
C 8+00N 1+60E	31	.1	50
C 8+00N 1+80E	36	.3	1
C 8+00N 2+00E	32	.2	1
C 8+00N 2+20E	59	.6	4
C 8+00N 2+40E	32	.1	1
C 8+00N 2+60E	157	1.5	1
C 8+00N 3+00E	63	.5	1
C 8+00N 3+20E	35	1.1	1
C 8+00N 3+40E	45	.5	1
C 8+00N 3+60E	55	.3	1
C 8+00N 3+80E	45	.6	3
C 8+00N 4+00E	216	1.0	1
C 8+00N 4+20E	30	.2	11
C 8+00N 4+40E	35	.3	1
C 8+00N 4+60E	23	.6	2
C 8+00N 4+80E	21	.3	1
C 8+00N 5+00E	34	.5	5
C 8+00N 5+20E	34	.7	112
C 8+00N 5+40E	35	.5	51
C 8+00N 5+60E	34	.2	16
C 8+00N 5+80E	56	.8	1
C 8+00N 6+00E	51	.5	1
C 8+00N 6+20E	59	.8	1
C 8+00N 6+40E	24	.3	1
C 8+00N 6+60E	27	.4	1
C 8+00N 6+80E	30	.3	1
C 8+00N 7+00E	52	.9	11
C 7+50N 0+00E	29	.5	1
C 7+50N 0+20E	59	.6	1
C 7+50N 0+40E	28	.4	1
STD C/AU-S	59	7.1	47



SAMPLE#	CU PPM	AG PPM	AU* PPB
C 7+50N 0+60E	64	.9	4
C 7+50N 0+80E	21	.4	2
C 7+50N 1+00E	51	.4	4
C 7+50N 1+20E	26	.1	3
C 7+50N 1+40E	49	.3	3
C 7+50N 1+60E	24	.2	11
C 7+50N 1+80E	18	.3	95
C 7+50N 2+00E	28	.2	2
C 7+50N 2+20E	44	.4	2
C 7+50N 2+40E	43	.2	11
C 7+50N 2+60E	30	.1	1
C 7+50N 2+80E	52	.6	1
C 7+50N 3+00E	52	.2	3
C 7+50N 3+20E	37	.1	1
C 7+50N 3+40E	24	.2	48
C 7+50N 3+60E	13	.1	1
C 7+50N 3+80E	18	.6	5
C 7+50N 4+00E	223	1.3	1
C 7+50N 4+20E	20	.2	1
C 7+50N 4+40E	46	.2	2
C 7+50N 4+80E	19	.3	4
C 7+50N 5+00E	67	.4	14
C 7+50N 5+20E	83	.8	2
C 7+50N 5+40E	60	.2	6
C 7+50N 5+60E	57	.6	1
C 7+50N 5+80E	40	.4	6
C 7+50N 6+00E	30	.1	4
C 7+50N 6+20E	37	.1	1
C 7+50N 6+40E	23	.2	4
C 7+50N 6+60E	49	.2	32
C 7+50N 6+80E	28	.1	1
C 7+50N 7+00E	48	.3	1
C 7+00N 0+00E	43	.1	1
C 7+00N 0+20E	43	.3	4
C 7+00N 0+40E	30	.4	47
C 7+00N 0+60E	22	.1	1
STD C/AU-S	59	7.1	51

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 7+00N 0+80E	39	.5	15
C 7+00N 1+00E	20	.2	1
C 7+00N 1+20E	46	.1	1
C 7+00N 1+40E	54	.2	1
C 7+00N 1+60E	31	.1	1
C 7+00N 1+80E	17	.1	11
C 7+00N 2+00E	26	.1	1
C 7+00N 2+20E	48	.1	1
C 7+00N 2+40E	54	.1	1
C 7+00N 2+60E	86	.1	18
C 7+00N 2+80E	64	.1	1
C 7+00N 3+00E	40	.3	7
C 7+00N 3+20E	23	.3	37
C 7+00N 3+40E	39	.5	1
C 7+00N 3+60E	48	.1	1
C 7+00N 3+80E	24	.1	1
C 7+00N 4+00E	36	.4	1
C 7+00N 4+20E	43	.1	1
C 7+00N 4+40E	130	.1	1
C 7+00N 4+60E	195	.1	5
C 7+00N 4+80E	55	.3	220
C 7+00N 5+00E	55	.1	1
C 7+00N 5+20E	29	.6	1
C 7+00N 5+40E	27	.1	1
C 7+00N 5+60E	215	1.0	1
C 7+00N 5+80E	55	.6	2
C 7+00N 6+00E	146	.8	1
C 7+00N 6+20E	33	.1	1
C 7+00N 6+40E	17	.1	2
C 7+00N 6+60E	19	.1	1
C 7+00N 6+80E	29	.1	1
C 7+00N 7+00E	40	.4	1
C 7+00N 7+20E	22	.1	1
C 7+00N 7+40E	34	.1	3
C 7+00N 7+60E	34	.1	1
C 7+00N 7+80E	22	.1	1
STD C/AU-S	58	6.7	52

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 7+00N 8+00E	19	.2	2
C 7+00N 8+20E	12	.1	3
C 7+00N 8+40E	23	.1	1
C 7+00N 8+60E	34	.3	3
C 7+00N 8+80E	17	.2	1
C 7+00N 9+00E	36	.5	1
C 7+00N 9+20E	30	.1	1
C 7+00N 9+40E	60	.1	1
C 7+00N 9+60E	55	.2	1
C 7+00N 9+80E	55	.3	1
C 7+00N 10+00E	56	.3	5
C 6+50N 0+00E	24	.5	2
C 6+50N 0+20E	38	.3	5
C 6+50N 0+40E	35	.1	1
C 6+50N 0+60E	21	.1	2
C 6+50N 0+80E	36	.6	4
C 6+50N 1+00E	28	.2	2
C 6+50N 1+20E	21	.1	1
C 6+50N 1+40E	25	.1	6
C 6+50N 1+60E	23	.3	7
C 6+50N 1+80E	25	.2	1
C 6+50N 2+00E	29	.2	5
C 6+50N 2+20E	32	.1	9
C 6+50N 2+40E	35	.6	12
C 6+50N 2+60E	14	.1	7
C 6+50N 2+80E	36	.2	1
C 6+50N 3+00E	31	.3	6
C 6+50N 3+20E	36	.6	1
C 6+50N 3+40E	121	1.2	2
C 6+50N 3+60E	65	1.0	3
C 6+50N 3+80E	55	.4	4
C 6+50N 4+00E	111	.6	8
C 6+50N 4+20E	32	.4	3
C 6+50N 4+40E	24	.1	4
STD C/AU-S	59	7.0	52
C 6+50N 4+60E	20	.2	1
C 6+50N 4+80E	121	1.1	2
C 6+50N 5+20E	24	.4	1

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 6+50N 5+40E	35	.1	19
C 6+50N 5+60E	20	.2	1
C 6+50N 5+80E	24	.1	1
C 6+50N 6+00E	53	.3	21
C 6+50N 6+20E	40	.3	1
C 6+50N 6+40E	38	.1	3
C 6+50N 6+60E	17	.1	1
C 6+50N 6+80E	17	.1	1
C 6+50N 7+00E	19	.1	1
C 6+50N 7+20E	22	.2	5
C 6+50N 7+40E	11	.2	1
C 6+50N 7+60E	23	.1	1
C 6+50N 7+80E	17	.1	1
C 6+50N 8+00E	30	.1	1
C 6+50N 8+20E	24	.1	1
C 6+50N 8+40E	17	.1	1
C 6+50N 8+60E	17	.1	1
C 6+50N 8+80E	23	.2	1
C 6+50N 9+00E	18	.1	37
C 6+50N 9+20E	64	1.7	1
C 6+50N 9+40E	24	.4	1
C 6+50N 9+60E	30	.1	3
C 6+50N 9+80E	26	.1	3
C 6+50N 10+00E	87	.3	1
C 6+00N 0+00E	22	.2	1
C 6+00N 0+20E	31	.2	42
C 6+00N 0+40E	22	.2	8
C 6+00N 0+60E	18	.1	1
C 6+00N 0+80E	27	.2	4
C 6+00N 1+00E	33	.1	6
C 6+00N 1+20E	46	.3	13
C 6+00N 1+40E	24	.3	1
C 6+00N 1+60E	37	.2	24
C 6+00N 1+80E	26	.1	1
C 6+00N 2+00E	26	.5	1
C 6+00N 2+20E	20	.1	8
STD C/AU-S	59	7.1	50

SAMPLE#	CU PPM	AG PPM	AU* FPB
C 6+00N 2+40E	15	.2	1
C 6+00N 2+60E	36	.2	1
C 6+00N 2+80E	25	.3	18
C 6+00N 3+00E	15	.2	1
C 6+00N 3+20E	15	.3	1
C 6+00N 3+40E	24	.7	1
C 6+00N 3+80E	21	.4	1
C 6+00N 4+00E	45	.2	1
C 6+00N 4+20E	50	.1	79
C 6+00N 4+40E	27	.2	1
C 6+00N 4+60E	53	.5	1
C 6+00N 4+80E	29	.4	1
C 6+00N 5+00E	23	.2	1
C 6+00N 5+20E	55	.3	1
C 6+00N 5+40E	27	.2	63
C 6+00N 5+60E	39	.1	1
C 6+00N 5+80E	37	.1	250
C 5+50N 0+00E	28	.4	1
C 5+50N 0+20E	16	.2	1
C 5+50N 0+40E	20	.1	33
C 5+50N 0+60E	14	.3	1
C 5+50N 0+80E	30	.3	1
C 5+50N 1+00E	12	.3	1
C 5+50N 1+20E	25	.1	3
C 5+50N 1+40E	17	.1	1
C 5+50N 1+80E	40	.1	5
C 5+50N 2+00E	38	.3	1
C 5+50N 2+20E	19	.1	5
C 5+50N 2+40E	32	.1	29
C 5+50N 2+60E	49	1.2	6
C 5+50N 2+80E	39	.4	16
C 5+50N 3+00E	30	.2	10
C 5+50N 3+20E	28	.6	4
C 5+50N 3+40E	24	.4	1
C 5+50N 3+60E	22	.1	9
C 5+50N 3+80E	19	.3	5
STD C/AU-S	60	7.3	49

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 5+50N 4+00E	22	.1	7
C 5+50N 4+20E	14	.1	5
C 5+50N 4+40E	70	1.1	1
C 5+50N 4+60E	12	.1	1
C 5+50N 4+80E	6	.1	1
C 5+50N 5+00E	13	.1	1
C 5+50N 5+20E	17	.1	9
C 5+50N 5+40E	29	.1	3
C 5+50N 5+60E	59	1.2	8
C 5+50N 5+80E	34	1.5	5
C 5+50N 6+00E	42	.3	1
C 5+50N 6+20E	37	.5	12
C 5+50N 6+40E	25	.2	2
C 5+50N 6+80E	41	.5	2
C 5+50N 7+00E	29	.1	1
C 5+50N 7+20E	31	.1	3
C 5+50N 7+40E	29	.1	2
C 5+50N 7+60E	25	.2	1
C 5+50N 7+80E	38	.1	6
C 5+50N 8+00E	14	.1	14
C 5+50N 8+20E	43	.1	1
C 5+50N 8+40E	52	.4	1
C 5+50N 8+60E	31	.3	1
C 5+50N 8+80E	24	.1	1
C 5+50N 9+00E	29	.2	1
C 5+50N 9+20E	27	.2	2
C 5+50N 9+40E	28	.1	2
C 5+50N 9+60E	30	.2	1
C 5+50N 9+80E	64	.2	1
C 5+50N 10+00E	114	.2	16
C 5+00N 0+00E	20	.1	5
C 5+00N 0+20E	15	.1	2
C 5+00N 0+40E	30	.3	9
C 5+00N 0+60E	22	.4	1
C 5+00N 0+80E	22	.4	1
C 5+00N 1+00E	20	.2	5
STD C/AU-S	59	7.2	48

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 5+00N 1+20E	20	.3	10
C 5+00N 1+40E	28	.5	11
C 5+00N 1+60E	43	.7	4
C 5+00N 1+80E	21	.6	1
C 5+00N 2+00E	18	.4	1
C 5+00N 2+20E	8	.1	154
C 5+00N 2+40E	25	.2	6
C 5+00N 2+60E	31	1.2	1
C 5+00N 2+80E	25	.4	1
C 5+00N 3+00E	21	.3	9
C 5+00N 3+20E	36	.7	1
C 5+00N 3+40E	16	.2	1
C 5+00N 3+60E	19	.2	1
C 5+00N 3+80E	26	.2	106
C 5+00N 4+00E	21	.1	1
C 5+00N 4+20E	27	.2	2
C 5+00N 4+40E	20	.6	2
C 5+00N 4+60E	21	.6	3
C 5+00N 4+80E	26	.8	5
C 5+00N 5+00E	63	1.2	4
C 5+00N 5+20E	68	1.7	1
C 5+00N 5+40E	62	.9	10
C 5+00N 5+60E	32	1.0	2
C 5+00N 5+80E	26	.7	2
C 5+00N 6+00E	28	.5	1
C 5+00N 6+20E	34	.3	1
C 5+00N 6+40E	35	.3	2
C 5+00N 6+60E	60	.7	5
C 5+00N 6+80E	72	1.2	2
STD C/AU-S	60	7.0	48

a - J. McC., → BNEW

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: OCT 13 1987  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: Oct. 21/87..

### GEOCHEMICAL ANALYSIS CERTIFICATE

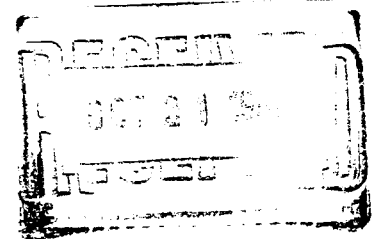
ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR NG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.  
- SAMPLE TYPE: SOIL AU\* ANALYSIS BY AA FROM 10 GRAM SAMPLE. *other icp elements available on request.*

ASSAYER: *D. Jeps.* DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT-BNE File # 87-4885 Page 1

*BNE - GRID C*

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 06+00N 06+20E	27	.1	1
C 06+00N 06+40E	16	.1	31
C 06+00N 06+60E	41	.5	1
C 06+00N 06+80E	19	.1	1
C 06+00N 07+00E	59	1.2	1
C 06+00N 07+20E	19	.1	1
C 06+00N 07+40E	19	.2	1
C 06+00N 07+60E	63	.2	1
C 06+00N 07+80E	42	.3	1
C 06+00N 08+00E	20	.1	2
C 06+00N 08+20E	15	.3	2
C 06+00N 08+40E	104	.1	25
C 06+00N 08+60E	13	.4	1
C 06+00N 08+80E	27	.4	1
C 06+00N 09+00E	18	.1	1
C 06+00N 09+20E	25	.3	1
C 06+00N 09+40E	18	.1	1
C 06+00N 09+60E	21	.1	2
C 06+00N 09+80E	32	.2	1
C 06+00N 10+00E	32	.1	1
C 05+00N 07+00E	57	.2	121
C 05+00N 07+20E	35	.2	3
C 05+00N 07+40E	17	.3	2
C 05+00N 07+60E	23	.3	2
C 05+00N 07+80E	31	.1	10
C 05+00N 08+00E	29	.1	1
C 05+00N 08+20E	27	.4	4
C 05+00N 08+40E	30	.5	1
C 05+00N 08+60E	25	.1	1
C 05+00N 08+80E	47	.1	1
C 05+00N 09+00E	27	.1	2
C 05+00N 09+20E	26	.4	1
C 05+00N 09+40E	14	.1	1
C 05+00N 09+60E	22	.2	1
C 05+00N 09+80E	21	.1	2
C 04+50N 00+00E	51	.3	14
STD C/AU-S	56	7.0	51





SAMPLE#	CU PPM	AG PPM	AU* PPB
C 04+50N 00+20E	40	.6	1
C 04+50N 00+40E	42	.7	2
C 04+50N 00+60E	15	.1	3
C 04+50N 00+80E	13	.3	320
C 04+50N 01+00E	17	.1	1
C 04+50N 01+20E	20	.1	1
C 04+50N 01+40E	15	.4	3
C 04+50N 01+60E	59	.8	1
C 04+50N 01+80E	16	.2	1
C 04+50N 02+00E	12	.1	1
C 04+50N 02+20E	18	.3	6
C 04+50N 02+40E	26	.1	28
C 04+50N 02+60E	34	.3	2
C 04+50N 02+80E	34	.1	13
C 04+50N 03+00E	20	.1	2
C 04+50N 03+20E	23	.3	47
C 04+50N 03+40E	21	.5	2
C 04+50N 03+60E	58	.2	2
C 04+50N 03+80E	22	.1	6
C 04+50N 04+00E	27	.1	7
C 04+50N 04+20E	26	.1	1
C 04+50N 04+40E	13	.1	3
C 04+50N 04+60E	13	.1	6
C 04+50N 04+80E	63	1.4	4
C 04+50N 05+00E	26	.3	21
C 04+50N 05+20E	22	.4	2
C 04+50N 05+40E	25	.3	3
C 04+50N 05+60E	52	.5	5
C 04+50N 05+80E	36	.1	1
C 04+50N 06+00E	139	.5	3
C 04+50N 06+20E	38	.4	4
C 04+50N 06+40E	28	.1	4
C 04+50N 06+60E	47	1.1	1
C 04+50N 06+80E	28	.3	2
C 04+50N 07+00E	61	.6	7
C 04+50N 07+20E	55	.1	3
STD C/AU-S	57	6.9	49

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 04+50N 07+40E	81	.8	2
C 04+50N 07+80E	66	.3	4
C 04+50N 08+20E	32	.1	1
C 04+50N 08+40E	37	.1	1
STD C/AU-S	61	7.1	53
C 04+50N 08+60E	31	.1	8
C 04+50N 08+80E	41	.2	2
C 04+50N 09+00E	53	.1	1
C 04+50N 09+20E	36	.1	4
C 04+50N 09+40E	31	.3	2
C 04+50N 09+60E	36	.1	1
C 04+50N 09+80E	93	.1	1
C 04+50N 10+00E	32	.2	3
C 04+00N 00+00E	28	.3	1
C 04+00N 00+20E	9	.1	1
C 04+00N 00+40E	22	.2	9
C 04+00N 00+60E	13	.2	1
C 04+00N 01+00E	18	.4	2
C 04+00N 01+20E	17	.8	102
C 04+00N 01+40E	20	.4	5
C 04+00N 01+80E	31	1.0	2
C 04+00N 02+00E	19	.7	5
C 04+00N 02+20E	15	.7	1
C 04+00N 02+40E	33	.2	1
C 04+00N 02+60E	21	.3	1
C 04+00N 02+80E	31	.5	1
C 04+00N 03+00E	35	.4	1
C 04+00N 03+20E	23	.2	1
C 04+00N 03+40E	23	.1	3
C 04+00N 03+60E	24	.5	3
C 04+00N 03+80E	14	.1	17
C 04+00N 04+00E	20	.1	21
C 04+00N 04+20E	21	.7	1
C 04+00N 04+40E	54	.8	5
C 04+00N 04+60E	36	.5	2
C 04+00N 04+80E	27	.5	1
C 04+00N 05+00E	46	1.8	1

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 04+00N 05+20E	21	.4	1
C 04+00N 05+40E	18	.4	18
C 04+00N 05+60E	30	1.0	1
C 04+00N 05+80E	43	.7	1
C 04+00N 06+00E	32	.1	1
C 04+00N 06+20E	44	.1	5
C 04+00N 06+40E	66	.6	13
C 04+00N 06+60E	147	.6	2
C 04+00N 06+80E	46	.1	5
C 04+00N 07+00E	85	.4	360
C 04+00N 07+20E	24	.2	3
C 04+00N 07+40E	22	.1	34
C 04+00N 07+60E	62	.7	1
C 04+00N 07+80E	19	.1	10
C 04+00N 08+00E	40	.1	4
C 04+00N 08+20E	48	.3	1
C 04+00N 08+40E	72	.9	5
C 04+00N 08+60E	42	.1	7
C 04+00N 08+80E	37	.1	1
C 04+00N 09+00E	36	.2	1
C 04+00N 09+20E	26	.1	1
C 04+00N 09+40E	49	.2	2
C 04+00N 09+60E	25	.2	1
C 04+00N 09+80E	17	.1	1
C 04+00N 10+00E	40	.1	1
C 03+50N 00+40E	20	.2	5
C 03+50N 00+60E	41	.1	1
C 03+50N 00+80E	20	.7	1
C 03+50N 01+00E	68	1.1	3
C 03+50N 01+20E	17	.2	8
C 03+50N 01+40E	16	.2	1
C 03+50N 01+60E	46	.4	4
C 03+50N 02+00E	34	.5	1
C 03+50N 02+20E	32	.7	1
C 03+50N 02+40E	23	1.0	4
C 03+50N 02+60E	19	.3	1
STD C/AU-S	60	7.2	48

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 03+50N 02+80E	31	.1	5
C 03+50N 03+00E	28	.6	1
C 03+50N 03+20E	25	.3	4
C 03+50N 03+40E	18	.7	1
C 03+50N 03+60E	70	1.6	2
C 03+50N 03+80E	57	1.0	1
C 03+50N 04+00E	17	.3	1
C 03+50N 04+20E	43	1.2	1
C 03+50N 04+40E	30	.2	1
C 03+50N 04+60E	33	.7	1
C 03+50N 04+80E	35	.6	1
C 03+50N 05+00E	33	.2	1
C 03+50N 05+20E	37	.4	1
C 03+50N 05+40E	22	.6	2
C 03+50N 05+60E	27	.1	5
C 03+50N 05+80E	24	.1	14
C 03+50N 06+00E	38	.4	4
C 03+50N 06+20E	54	.2	1
C 03+50N 06+40E	37	.3	2
C 03+50N 06+60E	75	.1	1
C 03+50N 06+80E	31	.2	1
C 03+50N 07+00E	284	1.0	9
C 03+50N 07+20E	17	.4	3
C 03+50N 07+40E	22	.2	1
C 03+50N 07+60E	38	.3	15
C 03+50N 07+80E	22	.1	1
C 03+50N 08+00E	26	.1	1
C 03+50N 08+20E	34	.1	1
C 03+50N 08+40E	24	.5	1
C 03+50N 08+60E	45	.2	1
C 03+50N 08+80E	44	.2	1
C 03+50N 09+00E	48	.1	5
C 03+50N 09+20E	42	.4	4
C 03+50N 09+40E	42	.2	1
C 03+50N 09+60E	39	.3	1
C 03+50N 09+80E	61	.6	1
STD C/AU-S	57	7.1	49

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 03+50N 10+00E	22	.1	1
C 03+00N 00+00E	37	.3	14
C 03+00N 00+40E	62	1.1	1
C 03+00N 00+60E	20	.4	1
C 03+00N 00+80E	28	.1	1
C 03+00N 01+00E	7	.1	1
C 03+00N 01+20E	24	.2	54
C 03+00N 01+40E	11	.1	1
C 03+00N 01+60E	26	.1	1
C 03+00N 01+80E	41	.2	7
C 03+00N 02+00E	41	.4	1
C 03+00N 02+40E	91	.5	1
C 03+00N 02+60E	48	.4	2
C 03+00N 02+80E	45	.2	25
C 03+00N 03+00E	49	.7	1
C 03+00N 03+20E	38	.4	6
C 03+00N 03+40E	20	.3	1
C 03+00N 03+60E	41	.3	2
C 03+00N 03+80E	19	.1	21
C 03+00N 04+00E	21	.2	1
C 03+00N 04+20E	23	.4	23
C 03+00N 04+40E	43	.3	1
C 03+00N 04+60E	65	1.4	1
C 03+00N 05+60E	68	1.1	3
C 03+00N 05+80E	43	1.0	1
C 03+00N 06+00E	59	.1	1
C 03+00N 06+20E	33	.5	1
C 03+00N 06+40E	32	.1	5
C 03+00N 06+60E	68	.1	1
C 03+00N 06+80E	36	.2	3
C 03+00N 07+00E	37	.4	1
C 03+00N 07+20E	89	.4	1
C 03+00N 07+40E	23	.2	7
C 03+00N 07+60E	30	.2	1
C 03+00N 07+80E	14	.1	4
C 03+00N 08+00E	27	.4	1
STD C/AU-S	59	7.2	50

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 03+00N 08+20E	24	.1	94
C 03+00N 08+40E	16	.2	5
C 03+00N 08+60E	28	.4	1
C 03+00N 08+80E	30	.5	1
C 03+00N 09+00E	29	.6	1
C 03+00N 09+20E	47	.1	1
C 03+00N 09+40E	29	.2	1
C 03+00N 09+60E	32	.6	1
C 03+00N 09+80E	34	.4	13
C 03+00N 10+00E	22	.2	1
C 02+50N 00+00E	27	.4	1
C 02+50N 00+20E	49	.8	1
C 02+50N 00+40E	34	.3	9
C 02+50N 00+60E	35	.4	1
C 02+50N 00+80E	64	1.4	1
C 02+50N 01+00E	17	.3	2
C 02+50N 01+20E	19	.3	1
C 02+50N 01+40E	29	.7	4
C 02+50N 01+60E	15	.5	1
C 02+50N 01+80E	45	.7	1
C 02+50N 02+00E	29	.5	1
C 02+50N 02+20E	33	.6	1
C 02+50N 02+40E	42	.7	1
C 02+50N 02+60E	32	.3	1
C 02+50N 02+80E	33	.2	1
C 02+50N 03+00E	17	.3	2
C 02+50N 03+20E	38	.1	1
C 02+50N 03+40E	44	.1	2
C 02+50N 03+60E	29	.3	1
C 02+50N 03+80E	41	.3	1
C 02+50N 04+00E	30	.4	1
C 02+50N 04+20E	25	.2	1
C 02+50N 04+40E	46	.3	1
C 02+50N 04+60E	29	.3	1
C 02+50N 04+80E	22	.5	2
C 02+50N 05+00E	27	.3	28
STD C/AU-S	58	7.4	48

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 02+50N 05+40E	71	.6	1
C 02+50N 05+60E	55	1.1	1
C 02+50N 05+80E	28	.5	1
C 02+50N 06+00E	40	.1	1
C 02+50N 06+20E	32	.2	6
C 02+50N 06+40E	21	.4	1
C 02+50N 06+60E	22	.1	1
C 02+50N 06+80E	60	.2	9
STD C/AU-S	61	7.3	51
C 02+50N 07+00E	38	.2	4
C 02+50N 07+20E	59	.1	1
C 02+50N 07+40E	76	.4	42
C 02+50N 07+60E	27	.3	1
C 02+50N 07+80E	33	.3	1
C 02+50N 08+00E	27	.4	1
C 02+50N 08+20E	75	.6	11
C 02+50N 08+40E	17	.2	8
C 02+50N 08+60E	33	.6	1305
C 02+50N 08+80E	38	.2	6
C 02+50N 09+40E	43	.4	5
C 02+50N 09+60E	51	.3	1
C 02+50N 09+80E	40	.2	9
C 02+00N 00+00E	22	.6	1
C 02+00N 00+20E	31	.3	1
C 02+00N 00+40E	20	.1	7
C 02+00N 00+60E	19	.2	54
C 02+00N 00+80E	28	.5	4
C 02+00N 01+00E	27	.2	3
C 02+00N 01+20E	17	.5	1
C 02+00N 01+40E	36	.5	1
C 02+00N 01+60E	20	.4	3
C 02+00N 01+80E	17	.6	3
C 02+00N 02+00E	26	.2	1
C 02+00N 02+20E	32	.3	12
C 02+00N 02+40E	24	.4	5
C 02+00N 02+60E	26	.2	3
C 02+00N 02+80E	13	.2	1

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 02+00N 03+00E	30	.4	2
C 02+00N 03+20E	14	.4	1
C 02+00N 03+40E	34	.3	1
C 02+00N 03+60E	36	.1	4
C 02+00N 03+80E	40	.2	1
C 02+00N 04+00E	31	.5	59
C 02+00N 04+20E	15	.1	1
C 02+00N 04+40E	28	.6	5
C 02+00N 04+60E	36	.4	1
C 02+00N 04+80E	25	.3	1
C 02+00N 05+00E	17	.3	2
C 02+00N 05+20E	16	.5	1
C 02+00N 05+60E	30	.2	1
C 02+00N 05+80E	32	.2	1
C 02+00N 06+00E	13	.2	2
C 02+00N 06+40E	43	.5	2
C 02+00N 06+60E	48	.1	1
C 02+00N 06+80E	39	.3	1
C 02+00N 07+00E	50	.1	1
C 02+00N 07+20E	48	1.0	1
C 02+00N 07+40E	40	.6	3
C 02+00N 07+60E	52	.3	2
C 02+00N 07+80E	24	.6	1
C 02+00N 08+00E	66	.5	2
C 02+00N 08+20E	45	.6	1
C 02+00N 08+40E	40	.1	3
C 02+00N 08+60E	64	.4	1
C 02+00N 08+80E	48	.5	5
C 02+00N 09+00E	36	.7	1
C 02+00N 09+20E	33	.4	3
C 02+00N 09+40E	59	.5	8
C 02+00N 09+80E	56	.6	1
C 02+00N 10+00E	36	.2	9
C 1+50N 0+00E	42	.8	1
C 1+50N 0+20E	38	.2	1
C 1+50N 0+60E	9	.6	2
STD C/AU-S	57	7.3	50



SAMPLE#	CU PPM	AG PPM	AU* PPB
C 1+50N 0+80E	15	.1	4
C 1+50N 1+00E	21	.1	1
C 1+50N 1+20E	20	.1	1
C 1+50N 1+40E	15	.4	1
C 1+50N 1+60E	20	.5	2
C 1+50N 1+80E	25	.2	1
C 1+50N 2+00E	14	.1	1
C 1+50N 2+20E	27	.3	3
C 1+50N 2+40E	24	.3	19
C 1+50N 2+60E	22	.1	30
C 1+50N 2+80E	41	.2	11
C 1+50N 3+00E	23	.1	3
C 1+50N 3+20E	17	.2	1
C 1+50N 3+40E	17	.2	2
C 1+50N 3+60E	24	.2	1
C 1+50N 3+80E	52	.1	1
C 1+50N 4+00E	22	.1	1
C 1+50N 4+20E	27	.1	4
C 1+50N 4+40E	35	.1	3
C 1+50N 4+60E	40	.2	41
C 1+50N 4+80E	31	.3	2
C 1+50N 5+40E	20	.6	1
C 1+50N 5+60E	19	.3	12
C 1+50N 5+80E	22	.2	14
C 1+50N 6+00E	19	.2	1
C 1+50N 6+20E	26	.2	2
C 1+50N 6+40E	17	.4	8
C 1+50N 6+60E	33	.2	1
C 1+50N 6+80E	20	.2	1
C 1+50N 7+00E	22	.1	1
C 1+50N 7+20E	58	.3	2
C 1+50N 7+40E	57	.6	2
C 1+50N 7+60E	44	.3	1
C 1+50N 7+80E	27	.5	1
C 1+50N 8+00E	45	.4	4
C 1+50N 8+20E	66	.7	1
STD C/AU-S	58	7.1	48

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 1+50N 8+40E	43	.8	1
C 1+50N 8+60E	16	.4	1
C 1+50N 8+80E	35	.6	3
C 1+50N 9+00E	12	.5	40
C 1+50N 9+20E	44	.5	6
C 1+50N 9+40E	39	.7	7
C 1+50N 9+60E	19	.5	3
C 1+50N 9+80E	46	.5	1
C 1+50N 10+00E	30	.4	1
C 1+00N 0+00E	31	.8	1
C 1+00N 0+20E	30	.8	1
C 1+00N 0+40E	30	.8	1
C 1+00N 1+00E	25	.7	1
C 1+00N 1+20E	17	.1	1
C 1+00N 1+40E	14	.3	1
C 1+00N 1+60E	26	.5	3
C 1+00N 1+80E	8	.2	1
C 1+00N 2+00E	21	.5	1
C 1+00N 2+20E	16	.4	1
C 1+00N 2+40E	15	.5	1
C 1+00N 2+60E	15	.3	1
STD C/AU-S	60	7.5	47
C 1+00N 2+80E	16	.4	7
C 1+00N 3+00E	23	.3	1
C 1+00N 3+20E	47	.4	1
C 1+00N 3+40E	20	.4	3
C 1+00N 3+60E	17	.5	1
C 1+00N 3+80E	15	.3	1
C 1+00N 4+00E	23	.3	11
C 1+00N 4+20E	52	.4	19
C 1+00N 4+40E	24	.2	24
C 1+00N 4+60E	91	2.3	1
C 1+00N 4+80E	37	.8	1
C 1+00N 5+00E	37	1.5	1
C 1+00N 5+20E	52	.9	1
C 1+00N 5+40E	46	.4	1
C 1+00N 5+60E	13	.1	1

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 1+00N 5+80E	24	.4	1
C 1+00N 6+00E	28	.5	2
C 1+00N 6+20E	26	.5	24
C 1+00N 6+40E	34	.8	1
C 1+00N 6+60E	66	.8	5
C 1+00N 6+80E	39	.9	1
C 1+00N 7+00E	24	.4	3
C 1+00N 7+20E	41	.6	4
C 1+00N 7+40E	68	.9	5
C 1+00N 7+60E	32	.6	1
C 1+00N 7+80E	28	.5	2
C 1+00N 8+00E	26	.4	1
C 1+00N 8+20E	24	.3	13
C 1+00N 8+40E	44	.4	3
C 1+00N 8+60E	77	.8	2
C 1+00N 8+80E	22	.3	37
C 1+00N 9+00E	34	.7	2
C 1+00N 9+20E	43	.5	14
C 1+00N 9+40E	26	.4	2
C 1+00N 9+60E	23	.2	1
C 1+00N 9+80E	34	.5	1
C 1+00N 10+00E	34	.7	1
C 0+50N 0+00E	32	.1	3
C 0+50N 0+20E	29	.1	5
C 0+50N 0+40E	28	.3	1
C 0+50N 0+60E	21	.6	1
C 0+50N 0+80E	23	.1	1
C 0+50N 1+80E	18	.7	2
C 0+50N 2+00E	20	.3	1
C 0+50N 2+20E	16	.3	2
C 0+50N 2+40E	17	.4	1
C 0+50N 2+60E	42	.1	2
C 0+50N 2+80E	33	.3	22
C 0+50N 3+00E	35	.2	3
C 0+50N 3+20E	48	.1	1
C 0+50N 3+40E	25	.6	1
STD C/AU-S	57	7.1	50

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 0+50N 3+60E	33	.2	1
C 0+50N 3+80E	19	.6	7
C 0+50N 4+00E	54	.4	5
C 0+50N 4+20E	23	.1	3
C 0+50N 4+40E	9	.1	1
C 0+50N 4+60E	54	.8	5
C 0+50N 4+80E	47	.9	1
C 0+50N 5+00E	12	.4	1
C 0+50N 5+20E	19	.1	4
C 0+50N 5+40E	33	.1	70
C 0+50N 5+60E	35	.1	5
C 0+50N 5+80E	31	.3	4
C 0+50N 6+00E	46	.4	6
C 0+50N 6+20E	39	.1	67
C 0+50N 6+40E	23	.2	8
C 0+50N 6+60E	16	.1	1
C 0+50N 6+80E	31	.1	5
C 0+50N 7+00E	40	.1	3
C 0+50N 7+20E	37	.1	1
C 0+50N 7+60E	22	.2	1
C 0+50N 7+80E	38	.2	2
C 0+50N 8+00E	31	.3	6
C 0+50N 8+20E	19	.1	14
C 0+50N 8+40E	25	.8	145
C 0+50N 8+60E	53	.7	96
C 0+50N 8+80E	44	.2	215
C 0+50N 9+00E	39	.6	16
C 0+50N 9+20E	35	.4	3
C 0+50N 9+40E	26	.6	11
C 0+50N 9+60E	47	.1	9
C 0+50N 9+80E	80	.1	14
C 0+50N 10+00E	20	.1	12
C 0+00N 0+00E	29	.1	16
C 0+00N 0+20E	32	.2	4
C 0+00N 0+40E	15	.1	1
C 0+00N 0+60E	30	.1	17
STD C/AU-S	59	7.1	50

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 0+00N 0+80E	22	.2	27
C 0+00N 1+00E	23	.5	12
C 0+00N 1+80E	14	.2	1
C 0+00N 2+00E	17	.3	4
C 0+00N 2+20E	13	.6	1
C 0+00N 2+40E	30	.2	4
C 0+00N 2+60E	37	.5	2
C 0+00N 2+80E	17	.7	1
C 0+00N 3+00E	22	.5	1
C 0+00N 3+20E	48	.1	9
C 0+00N 3+40E	21	.7	1
C 0+00N 3+60E	46	.7	1
C 0+00N 3+80E	19	.7	1
C 0+00N 4+00E	16	1.1	1
C 0+00N 4+20E	50	.5	2
C 0+00N 4+40E	44	.2	1
C 0+00N 4+60E	20	.1	1
C 0+00N 4+80E	27	.7	1
C 0+00N 5+00E	20	.9	2
C 0+00N 5+20E	22	.7	2
C 0+00N 5+40E	62	.5	5
C 0+00N 5+60E	54	1.1	3
C 0+00N 5+80E	48	.6	4
C 0+00N 6+00E	33	.5	1
C 0+00N 6+20E	26	.5	1
C 0+00N 6+40E	38	.8	1
C 0+00N 6+60E	32	.3	5
C 0+00N 6+80E	28	.4	1
C 0+00N 7+20E	33	.2	2
C 0+00N 7+40E	18	.5	1
C 0+00N 7+60E	22	.4	1
C 0+00N 7+80E	19	.6	1
C 0+00N 8+00E	25	.3	1
C 0+00N 8+20E	26	.4	4
C 0+00N 8+40E	46	.6	4
C 0+00N 8+60E	46	.3	1
STD C/AU-S	57	7.2	49

SAMPLE#	CU PPM	AG PPM	AU* PPB
C 0+00N 8+80E	18	.5	5
C 0+00N 9+00E	45	.2	24
C 0+00N 9+20E	29	1.0	4
C 0+00N 9+40E	31	.4	280
C 0+00N 9+60E	41	.6	73
C 0+00N 9+80E	57	1.1	3
C 0+00N 10+00E	24	.5	6
CLC-01-01	93	.2	3
CLC-01-02	56	.1	4
CLC-01-03	34	.1	13
CLC-01-04	77	.1	3
CLC-01-05	41	.1	4
CLC-01-06	29	.3	4
CLC-01-07	85	.1	3
CLC-01-08	65	.1	7
CLC-01-09	24	.1	5
CLC-01-10	24	.1	1
CLC-01-11	27	.1	1
CLC-02-01	150	.1	2
CLC-02-02	110	.2	1
CLC-02-03	71	.1	4
CLC-02-04	115	.1	1
CLC-02-05	64	.2	4
CLC-02-06	67	.3	1
CLC-02-07	38	.1	77
CLC-02-08	45	.1	1
CLC-02-09	16	.1	2
CLC-02-10	18	.1	1
CLC-02-11	14	.2	5
CLC-03-01	50	.2	3
CLC-03-02	33	.2	1
CLC-03-03	45	.1	2
CLC-03-04	18	.1	1
CLC-03-05	22	.2	13
CLC-03-06	22	.1	5
CLC-03-07	39	.1	48
STD C/AU-S	59	6.9	52

SAMPLE#	CU PPM	AG PPM	AU* PPB
CLC-03-08	19	.1	5
CLC-03-09	24	.3	2
CLC-03-10	42	.3	14
CLC-03-11	46	.2	7
WTC-02-01	36	.4	4
WTC-02-02	13	.2	11
WTC-02-3	29	.4	5
WTC-02-4	26	.1	12
WTC-02-5	11	.4	1
WTC-02-6	102	1.7	1
WTC-02-7	12	.2	4
WTC-02-8	11	.2	3
WTC-02-9	12	.2	1
WTC-02-10	12	.1	1
WTC-02-11	39	.4	1
WTC-02-12	32	.4	1
WTC-02-13	27	.6	1
WTC-02-14	11	.4	1
WTC-02-15	23	.4	1
WTC-03-1	69	.8	1
WTC-03-2	30	.5	1
WTC-03-3	15	.3	10
WTC-03-4	22	.3	2
WTC-03-5	20	.5	1
WTC-03-6	56	1.3	1
WTC-03-7	39	.5	1
WTC-03-8	41	1.0	4
WTC-03-9	16	.2	2
WTC-03-10	53	1.4	1
WTC-03-11	52	.5	3
WTC-03-12	47	.4	3
WTC-03-13	30	.6	1
WTC-03-14	30	.4	2
WTC-03-15	29	.2	1
STD C/AU-S	58	7.3	50

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ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: SEPT 28 1987  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: *Oct 14/87*

**ASSAY CERTIFICATE**

- SAMPLE TYPE: Rock Chips AU\*\* BY FIRE ASSAY. I.A.T.

ASSAYER: *d. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT-BNE File # 87-4579

SAMPLE#	AU** oz/t
BP 87104	.001
BP 87515	.001
BP 87516	.001
BP 87517	.001
BP 87518	.001
BP 87519	.001
BP 87520	.001
BP 87521	.001
BP 87522	.001
BP 87523	.001
BP 87524	.001
BP 87525	.002
BP 87526	2.180
BP 87527	.002
BP 87528	.002
BP 87600	.001

*- angular quartz float to chalcopyrite*



ACME ANALYTICAL LABORATORIES  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE 253-3158

DATE RECEIVED: SEPT 15 1987  
DATA LINE 251-1011 DATE REPORT MAILED: *Sept 23/87*

*Copy to J.M.C.*

**GEOCHEMICAL ICP ANALYSIS**

500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.  
- SAMPLE TYPE: SOIL AU\* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

**RECEIVED**  
LABORATORY

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT-BNE-W File # 87-4140 Page 1

SAMPLE#	CU PPM	AG PPM	AU* PPB
WTC-01-01	41	.5	1
WTC-01-02	54	.6	6
WTC-01-03	35	.1	4
WTC-01-04	65	.1	3
WTC-01-05	35	.7	1
WTC-01-06	39	.7	1
WTC-01-07	40	.1	1
WTC-01-08	62	.9	1
WTC-01-09	44	.2	1
WTC-01-10	14	.1	1
WTC-01-11	30	.6	1
WTC-01-12	18	.5	2
WTC-01-13	70	.6	1
WTC-01-14	42	.3	1
WTC-01-15	32	.8	280
WTC-01-16	22	.5	1
WTC-01-17	20	.3	1
WTC-01-18	33	1.3	1
WTC-01-19	16	.6	1
WTC-01-20	24	.1	6
WTC-01-21	17	.3	2
WTC-01-22	27	.3	2
WTC-01-23	58	.8	1
WTC-01-24	21	.3	1
WTC-01-25	27	.1	2
WTC-01-26	29	.1	1
WTC-01-27	25	.1	7
WTC-01-28	34	.4	1
WTC-01-29	95	1.1	1
WTC-01-30	22	.1	1
WTC-01-31	21	.1	1
WTC-01-32	15	.1	1
WTC-01-33	44	.4	1
WTC-01-34	50	.4	1
WTC-01-35	70	.7	4
WTC-01-36	26	.3	1
STD C/AU-S	63	7.0	47

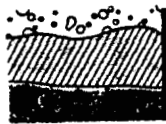
SAMPLE#	CU PPM	AG PPM	AU* PPB
WTC-01-37	31	.3	2
WTC-01-38	24	.1	3
WTC-01-39	46	.6	3
WTC-01-40	21	.1	2
WTC-01-41	15	.1	1
WTC-01-42	24	.1	2
WTC-01-43	16	.2	1
WTC-01-44	19	.2	3
WTC-01-45	19	.3	1
WTC-01-46	22	.1	1
WTC-01-47	18	.4	1
WTC-01-48	32	.2	11
WTC-01-49	19	.2	1
WTC-01-50	27	.3	2
WTC-01-51	30	.1	12
WTC-01-52	17	.2	57
WTC-01-53	23	.3	2
WTC-01-54	29	.4	5
WTC-01-55	24	.4	2
WTC-01-56	18	.2	1
WTC-01-57	16	.3	3
WTC-01-58	31	.5	4
WTC-01-59	37	.1	35
WTC-01-60	39	.1	5
WTC-01-61	48	.5	4
WTC-01-62	72	1.1	1
WTC-01-63	27	.1	1
WTC-01-64	44	.1	1
WTC-01-65	132	1.4	3
WTC-01-66	79	.9	2
WTC-01-67	64	1.1	1
WTC-01-68	42	.3	1
WTC-01-69	27	.2	1
WTC-01-70	39	.1	1
WTC-01-71	42	.1	5
WTC-01-72	38	.4	1
STD C/AU-S	62	7.6	50

SAMPLE#	CU PPM	AG PPM	AU* PPB
WTC-01-73	57	.3	3
WTC-01-74	33	.2	14
WTC-01-75	25	.2	3
WTC-01-76	35	.2	1
WTC-01-77	17	.2	1
WTC-01-78	19	.2	2
WTC-01-79	15	.1	1
WTC-01-80	25	.1	1
WTC-01-81	25	.1	3
WTC-01-82	30	.1	2
WTC-01-83	18	.1	1
WTC-01-84	15	.1	1
WTC-01-85	16	.1	1
WTC-01-86	16	.1	1
WTC-01-87	26	.1	1
WTC-01-88	22	.3	1
WTC-01-89	21	.1	2
WTC-01-90	28	.2	1
WTC-01-91	22	.1	1
WTC-01-92	11	.1	1
WTC-01-93	28	.3	2
WTC-01-94	31	.3	1
WTC-01-95	29	.3	1
WTC-01-96	27	.4	1
WTC-01-97	15	.1	2
WTC-01-98	20	.1	1
WTC-01-99	52	.2	1
WTC-01-100	23	.4	1
WTC-01-101	36	.7	2
WTC-01-102	18	.3	1
WTC-01-103	62	.6	1
WTC-01-104	43	.4	1
WTC-01-105	21	.1	2
WTC-01-106	12	.1	1
WTC-01-107	28	.1	1
WTC-01-108	21	.1	1
STD C/AU-S	60	7.4	52

SAMPLE#	CU PPM	AG PPM	AU* PPB
WTC-01-109	28	.1	1
WTC-01-110	21	.1	4
WTC-01-111	21	.1	2
WTC-01-112	29	.2	3
WTC-01-113	26	.1	1
WTC-01-114	15	.3	1
WTC-01-115	29	.1	1
WTC-01-116	16	.1	2
WTC-01-117	17	.1	1
WTC-01-118	39	.1	1
WTC-01-119	15	.1	2
WTC-01-120	18	.2	2
WTC-01-121	24	.1	1
WTC-01-122	15	.2	2
WTC-01-123	17	.2	6
WTC-01-124	19	.1	1
WTC-01-125	37	.2	1
WTC-01-126	18	.1	1
WTC-01-127	22	.2	2
WTC-01-128	17	.7	4
WTC-01-129	15	.1	5
WTC-01-130	19	.1	1
WTC-01-131	21	.1	1
WTC-01-132	15	.1	1
WTC-01-133	16	.2	2
WTC-01-134	30	.7	2
WTC-01-135	17	.2	1
WTC-01-136	22	.1	1
WTC-01-137	32	.3	1
WTC-01-138	19	.1	1
WTC-01-139	22	.2	2
WTC-01-140	31	.1	1
WTC-01-141	23	.1	2
WTC-01-142	13	.1	2
WTC-01-143	10	.1	1
WTC-01-144	17	.1	1
STD C/AU-S	60	7.0	52

SAMPLE#	CU PPM	AG PPM	AU* PPB
WTC-01-145	15	.1	1
WTC-01-146	15	.1	1
WTC-01-147	14	.1	1
WTC-01-148	11	.1	1
WTC-01-149	30	.1	5
WTC-01-150	9	.4	1
WTC-01-151	20	.1	2
WTC-01-152	18	.1	1
WTC-01-153	23	.1	1
WTC-01-154	22	.1	1
WTC-01-155	18	.1	4
WTC-01-156	20	.1	1
WTC-01-157	14	.1	1
WTC-01-158	23	.1	3
WTC-01-159	11	.1	1
WTC-01-160	18	.1	1
WTC-01-161	44	.7	1
WTC-01-162	26	.5	4
WTC-01-163	23	.1	1
WTC-01-164	20	.1	1
WTC-01-165	15	.3	1
WTC-01-166	18	.1	1
WTC-01-167	14	.2	2
WTC-01-168	24	.2	1
WTC-01-169	16	.2	1
WTC-01-170	16	.3	1
WTC-01-171	19	.2	2
WTC-01-172	17	.1	1
WTC-01-173	20	.1	9
WTC-01-174	30	.5	2
WTC-01-175	14	.4	1
WTC-01-176	21	.3	1
WTC-01-177	20	.1	1
WTC-01-178	14	.3	1
WTC-01-179	17	.1	1
WTC-01-180	15	.1	1
STD C/AU-S	63	7.1	49

SAMPLE#	CU PPM	AG PPM	AU* PPB
WTC-01-181	24	.1	1
WTC-01-182	13	.1	1
WTC-01-183	16	.2	1
WTC-01-184	27	.1	58
WTC-01-185	12	.2	1
WTC-01-186	16	.4	1
WTC-01-187	19	.1	1
WTC-01-188	16	.1	25
WTC-01-189	17	.3	1
WTC-01-190	16	.1	1
WTC-01-191	14	.1	1
WTC-01-192	17	.1	2
WTC-01-193	13	.3	1
WTC-01-194	10	.1	1
WTC-01-195	28	.1	1
TS-01-1	20	.2	1
TS-01-2	16	.1	1
TS-01-3	20	.5	1
TS-01-4	27	.3	1
TS-01-5	32	.7	1
TS-01-6	9	.1	1
TS-01-7	27	.1	12
TS-01-8	24	.1	1
TS-01-9	12	.1	1
TS-01-10	14	.1	1
TS-01-11	16	.1	1
TS-01-12	18	.1	1
TS-01-13	6	.1	1
TS-01-14	14	.1	1
TS-01-15	19	.1	1
TS-01-16	35	.2	1
TS-01-17	16	.4	1
TS-01-18	17	.3	1
TS-01-19	20	.1	1
TS-01-20	24	.1	1
TS-01-21	20	.1	1
STD C/AU-S	61	7.3	48



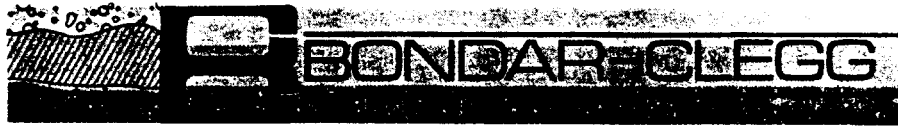
PROJECT: BNE/W

PAGE 1

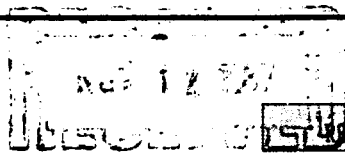
REPORT: 127-7466

SAMPLE NUMBER	ELEMENT UNITS	WT gm	WT gm	Au 30g PPB	AuG PPM	Au/wt G
C2 -150 HM-200		380.3	1.9	<50		1.8
C2 -150 HM-201		294.8	0.5	IS		
C2 -150 HM-202		682.2	6.7	2400		6.5
C2 -150 HM-203		963.3	13.4	75		13.0
C2 -150 HM-204		456.2	6.0	160		5.7
C2 -150 HM-205		764.9	9.2	280		8.9
C2 -150 HM-206		648.2	5.8	1850		5.6
C2 -150 HM-207		234.4	0.7	<80		0.6
C2 -150 HM-208		310.5	1.6	420		1.3
C2 -150 HM-209		368.0	0.4	3600		0.4
C2 -150 HM-210		355.3	0.2	>10000	14	0.3
C2 -150 HM-211		373.4	0.2	>10000	25	0.2
C2 -150 HM-212		1188.7	4.8	1300		4.5
C2 +150 HM-200		935.9	3.0	<25		2.8
C2 +150 HM-201		474.2	0.9	>10000	12	0.8
C2 +150 HM-202		756.6	15.5	840		15.7
C2 +150 HM-203		1371.8	7.6	40		7.4
C2 +150 HM-204		588.2	10.3	2900		10.1
C2 +150 HM-205		1160.0	16.9	640		16.8
C2 +150 HM-206		829.2	7.4	<10		7.3
C2 +150 HM-207		547.5	13.0	85		2.8
C2 +150 HM-208		425.5	5.0	>10000	30	4.7
C2 +150 HM-209		763.9	2.6	>10000	30	2.4
C2 +150 HM-210		616.6	2.4	360		2.2
C2 +150 HM-211		828.8	2.9	6500		2.7
C2 +150 HM-212		880.2	11.3	25		11.2

} very low weights!



REPORT: 127-7466 ( COMPLETE )



REFERENCE INFO:

CLIENT: MINEQUEST EXPLORATION ASSOCIATES LTD.  
PROJECT: BNE/W

SUBMITTED BY: JOHN McCLINTOCK  
DATE PRINTED: 12-NOV-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	WT Sample Weight (0.1)	26	0.1 gm		
2	WT Sample Weight (0.01)	26	0.0 gm		
3	Au 30g Gold 30 grams	25	5 PPB	FIRE-ASSAY	Fire Assay AA
4	AuSQ Gold - Semi Quant	5	1 PPM	FIRE-ASSAY	Fire Assay AA
5	Au/wt Sample weight/grams	25	0.1 g		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
C CONCENTRATE (PAN/HH)	26	2 -150	26	OTHER SAMPLE PREP 2	26
				SIEVE -60	26
				OTHER SAMPLE PREP 1	26

REMARKS: I.S. DENOTES INSUFFICIENT SAMPLE.  
FIRST WEIGHT COLUMN IS THE WEIGHT OF THE -60+50 MESH FRACTION, OR -150 MESH FRACTION BEFORE CONCENTRATING.  
SECOND WEIGHT COLUMN IS THE WEIGHT OF THE CONCENTRATE.

REPORT COPIES TO: JOHN McCLINTOCK

INVOICE TO: JOHN McCLINTOCK



Copy to RVL → BNE/W.  
✓ u u km.  
" " JMC → CR

RECEIVED  
SEP 17 1987  
DATE RECEIVED SEPT 7 1987  
DATE REPORTS MAILED Sept 16/87

ACME ANALYTICAL LABORATORIES LTD.  
852 E. HASTINGS, VANCOUVER B.C.  
PH: (604) 253-3158 COMPUTER LINE: 291-1011

### GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : ROCK  
Au\* - 10 GM. IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT BNE/W FILE# 87-3955 PAGE# 1

SAMPLE	Au* ppb	
BNP-8781	6	
BNP-8782	8	
BNP-8783	42	
BNP-8784	1	
BNP-8785	1	
BNP-8786	7	
BNP-8787	2	
BNP-8788	3	
BNP-8789	7	
BNP-8790	1	
BNP-8791	8	
BNP-8792	10	
BNP-8793	1	
BNP-8794	230	- Westworth Creek
BNP-8795	1	
BNP-8796	1	
BNP-87101	1	
BNP-87102	6	
BNP-87103	1	
BNP-87104	490	
BNP-87105	4	
BNP-87106	7	
BNP-87107	71	?
BNP-87108	4	
BNP-87109	8	
BNP-87110	1	
BNP-87111	7	
BNP-87112	1	
BNP-87113	1	
BNP-87114	1	
BNP-87115	1	
BNP-87116	1	
BNP-87117	2	
BNP-87118	4	
BNP-87119	26	

SAMPLE	Au* ppb
BNP-87120	15
BNP-87121	1
BNP-87122	1
BNP-87123	2
BNP-87124	17
BNP-87125	1
BNP-87126	1
BNP-87127	6
BNP-87128	1
BNP-87129	1
BNP-87130	1
BNP-87131	1
BNP-87132	2
BNP-87133	1
BNP-87301	16
BNP-87302	2
BNP-87303	1
BNP-87304	6
BNP-87305	146
BNP-87306	13
BNP-87307	2
BNP-87308	1
BNP-87309	1
BNP-87310	2
BNP-87311	1
BNP-87312	1
BNP-87313	1
BNP-87314	1
BNP-87315	1
BNP-87316	1
BNP-87317	1
BNP-87318	1
BNP-87319	2
BNP-87320	2
BNP-87321	1
BNP-87322	1

SAMPLE	Au* ppb
BNP-87323	3
BNP-87324	1
BNP-87325	2
BNP-87326	1
BNP-87327	1
BNP-87328	1
BNP-87329	1
BNP-87330	2
BNP-87331	1
BNP-87332	1
BNP-87333	2
BNP-87334	2
BNP-87335	1
BNP-87336	1

Copy to JMcE ✓

ACME ANALYTICAL LABORATORIES  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE 253-3158 DATA LINE 251-1011 DATE RECEIVED: SEPT 21 1987  
DATE REPORT MAILED: Oct 5/87

**GEOCHEMICAL ICP ANALYSIS**

AU - BY FIRE ASSAY (1A/T).  
- SAMPLE TYPE: Rock Chips

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT-BNW/BNE File # 87-4383

SAMPLE#	AU OZ/T
BP-87-502	.001
BP-87-503	.001
BP-87-504	.022
BP-87-505	.001
BP-87-506	.001
BP-87-507	.001
BP-87-508	.001
BP-87-509	.001
BP-87-510	.001
BP-87-511	.001
BP-87-512	.001
BP-87-513	.001
BP-87-514	.001

cc - J. Mc.

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: OCT 5 1987  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: Oct 21/87

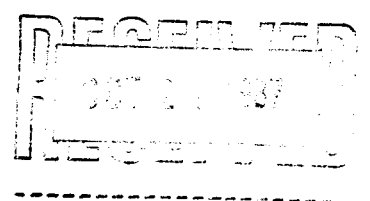
ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips AU - BY FIRE ASSAY ( 1 A/T )

ASSAYER: *Dean Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT-BNE/W File # 87-4727

SAMPLE#	AU oz/t
BP 87501	.001
BP 87526 <sup>31</sup>	.001
BP 87527 <sup>32</sup>	.001
BP 87528 <sup>33</sup>	.001
BP 87529	.001
BP 87530	.001
BP 87534	.001
BP 87535	.001
BP 87536	.001
BP 87537	.001
BP 87538	.001
BP 87539	.001
BP 87540	.001
BP 87541	.001
BP 87542	.002



cc - J. M. L.

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: OCT 13 1987  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: *Oct 26/87.*

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips AU\*\* BY FIRE ASSAY ( 1 A/T )

ASSAYER: *D. J. Dean* DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT-BNE File # 87-4900

SAMPLE#	AU** oz/t
BP 87543	.001
BP 87544	.001
BP 87545	.001
BP 87546	.001
BP 87547	.001
BP 87548	.001
BP 87549	.001

cc: JMcC.

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: OCT 13 1987  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: Oct 24/87...

### ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips AU\*\* BY FIRE ASSAY ( 1 A/T )

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT-BONAPART / E File # 87-4899 Page 1

SAMPLE#	AU** oz/t	<i>Stu Claims</i>
BP 87600	.001	
BP 87606	.001	
BP 87607	.001	
BP 87608	.001	
BP 87609	.002	
BP 87610	.001	
BP 87611	.001	
BP 87612	.001	
BP 87613	.001	
BP 87614	.001	
BP 87615	.001	
BP 87616	.001	
BP 87617	.001	
BP 87618	.001	
BP 87619	.007	
BP 87620	.001	
BS 83676	.001	
BS 87621	.001	
BS 87622	.001	
BS 87623	.001	
BS 87624	.001	
BS 87625	.001	
BS 87626	.002	
BS 87627	.001	
BS 87628	.001	
BS 87629	.001	
BS 87630	.001	
BS 87631	.001	
BS 87632	.001	
BS 87633	.001	
BS 87634	.001	
BS 87635	.001	
BS 87636	.001	
BS 87637	.001	
BS 87638	.002	
BS 87639	.001	
BS 87640	.001	

SAMPLE#	AU**
	oz/t
BS 87641	.001
BS 87642	.001
BS 87643	.001
BS 87644	.001
BS 87645	.001
BS 87646	.001
BS 87647	.001
BS 87648	.001
BS 87649	.001
BS 87650	.002
BS 87651	.001
BS 87652	.001
BS 87653	.001
BS 87654	.001
BS 87655	.001
BS 87656	.001
BS 87657	.001
BS 87658	.001
BS 87659	.001
BS 87660	.001
BS 87661	.001
BS 87662	.001
BS 87663	.001
BS 87664	.001
BS 87665	.001
BS 87666	.001
BS 87667	.001
BS 87668	.001
BS 87669	.001
BS 87670	.001
BS 87671	.001
BS 87672	.001
BS 87673	.001
BS 87674	.002
BS 87675	.001
BS 87677	.001
BS 87678	.001



SAMPLE#	AU** oz/t
BS 87679	.001
BS 87680	.001
BS 87681	.001
BS 87682	.001
BS 87683	.001
BS 87684	.001
BS 87685	.001
BS 87686	.001
BS 87687	.001
BS 87688	.001
BS 87689	.001
BS 87690	.001
BS 87691	.010
BS 87692	.001
BS 87693	.001
BS 87694	.001
BS 87695	.002
BS 87696	.001
BS 87697	.001
BS 87698	.001
BS 87699	.001
BS 87700	.001
BS 87701	.001
BS 87702	.002
BS 87703	.001
BS 87704	.001
BS 87705	.001
BS 87706	.001
BS 87707	.001
BS 87708	.001
BS 87709	.001
BS 87710	.001
BS 87711	.001
BS 87712	.002
BS 87713	.001
BS 87714	.001

SAMPLE#	AU ** oz/t
BS 87715	.001
BS 87716	.001
BS 87717	.001
BS 87718	.001
BS 87719	.001
BS 87720	.001
BS 87721	.001
BS 87722	.001
BS 87723	.001
BS 87724	.001
BS 87725	.001
BS 87726	.001
BS 87727	.001
BS 87728	.001
BS 87729	.001
BS 87730	.001
BS 87731	.001
BS 87732	.001
BS 87734	.001
BS 87735	.001
BS 87736	.001
BS 87737	.001
BS 87738	.001
BS 87739	.001
BS 87740	.001
BS 87741	.001
BS 87742	.001
BS 87743	.001
BS 87744	.001
BS 87745	.001

**APPENDIX II**  
**GEOPHYSICAL FIELD DATA**

CONAPART DATA.....BRID "0" (VLF ELECTROMAGNETIC DATA)

LINE	STN	FFSTN	TILT	QUAD	F.F.
650	0	30	-22	-4	-6
650	20	50	-20	-4	4
650	40	70	-17	-5	-1
650	60	90	-20	-5	-8
650	80	110	-21	-6	3
650	100	130	-18	-7	8
650	120	150	-21	-8	4
650	140	170	-20	-9	0
650	160	190	-24	-7	-6
650	180	210	-24	-9	-19
650	200	230	-20	-6	-20
650	220	250	-19	-7	-26
650	240	270	-9	-6	-21
650	260	290	-4	-8	-8
650	280	310	2	-6	17
650	300	330	5	-4	14
650	320	350	-3	-5	6
650	340	370	-6	-5	11
650	360	390	-5	-4	5
650	380	410	-10	-8	-12
650	400	430	-12	-11	-12
650	420	450	-3	-10	2
650	440	470	-2	-9	-11
650	460	490	-6	-8	-4
650	480	510	-6	-12	
650	500	530	3	-8	
650	520	550	-20	-8	
700	0	30	-20	-8	4
700	20	50	-20	-8	4
700	40	70	-24	-8	-4
700	60	90	-26	-4	-11
700	80	110	-25	-8	-11
700	100	130	-21	-7	-12
700	120	150	-19	-7	-8
700	140	170	-16	-7	9
700	160	190	-12	-8	8
700	180	210	-12	-8	0
700	200	230	-19	-8	-13
700	220	250	-19	-8	-21
700	240	270	-18	-6	-26
700	260	290	-7	-8	8
700	280	310	1	0	27
700	300	330	0	0	7
700	320	350	-14	-8	-8
700	340	370	-12	-4	-4
700	360	390	-9	-8	-8
700	380	410	-9	-8	-10
700	400	430	-8	-8	-21
700	420	450	-2	-8	-10

x  
x  
x

700	440	470	3	-7	X	
700	460	490	3	-12	X	
700	400	310	6	-10	X	
750	0	30	-19	-2		20
750	20	50	-12	2		8
750	40	70	-26	-3		-11
750	60	90	-25	-4		-8
750	80	110	-21	-1		0
750	100	130	-19	1		1
750	120	150	-19	-1		-3
750	140	170	-21	-3		-3
750	160	190	-19	-2		2
750	180	210	-17	-2		0
750	200	230	-19	-4		-6
750	220	250	-18	-4		-15
750	240	270	-19	-4		-9
750	260	290	-13	-4		13
750	280	310	-8	-2		19
750	300	330	-14	-2		5
750	320	350	-20	-2		-14
750	340	370	-21	-3		-23
750	360	390	-18	-4		-23
750	380	410	-9	-4		-2
750	400	430	-1	-2		-4
750	420	450	-3	-3		-23
750	440	470	-5	-3		-21
750	460	490	3	-3		-7
750	480	510	10	-3		-2
750	500	530	11	-3		-7
750	520	550	11	-12		-13
750	540	570	12	-13		-22
750	560	590	17	-13		3
750	580	610	22	-14		30
750	600	630	29	-11		23
750	620	650	2	-13		-13
750	640	670	-1	-10		-24
750	660	690	6	-3	X	
750	680	710	10	-3	X	
750	700	730	19	-4	X	
800	0	30	-13	-2		13
800	20	50	-13	-3		12
800	40	70	-17	-4		0
800	60	90	-22	-6		-7
800	80	110	-20	-5		-3
800	100	130	-19	-5		1
800	120	150	-16	-2		3
800	140	170	-17	-1		-3
800	160	190	-19	-2		-14
800	180	210	-17	-3		-10
800	200	230	-14	-3		3
800	220	250	-8	1		7
800	240	270	-13	-3		4
800	260	290	-15	-3		13
800	280	310	-13	-2		11
800	300	330	-19	1		3

800	320	350	-24	-1	-9
800	340	370	-19	-1	-10
800	360	390	-20	-4	-27
800	380	410	-14	-2	-10
800	400	430	-8	-1	-17
800	420	450	-2	-2	-16
800	440	470	2	-4	-9
800	460	490	8	-5	-12
800	480	510	8	-6	-12
800	500	530	11	-7	6
800	520	550	17	-7	0
800	540	570	14	-10	-20
800	560	590	9	-16	-6
800	580	610	22	-13	29
800	600	630	21	-14	28
800	620	650	16	-13	8
800	640	670	-2	-15	-17
800	660	690	1	-10	x
800	680	710	5	-9	x
800	700	730	11	-10	x
850	0	30	-9	0	6
850	20	50	-6	1	5
850	40	70	-8	-2	-1
850	60	90	-10	-2	-1
850	80	110	-9	-2	4
850	100	130	-8	-2	3
850	120	150	-10	-2	4
850	140	170	-11	-1	-3
850	160	190	-13	-2	-2
850	180	210	-12	-2	-6
850	200	230	-8	-2	-5
850	220	250	-9	0	7
850	240	270	-8	1	17
850	260	290	-7	0	17
850	280	310	-14	-3	19
850	300	330	-15	0	7
850	320	350	-23	-1	-9
850	340	370	-25	0	-12
850	360	390	-20	0	-16
850	380	410	-19	-3	-26
850	400	430	-14	-4	-31
850	420	450	-9	-3	-19
850	440	470	4	2	-16
850	460	490	4	-2	-20
850	480	510	10	-2	-17
850	500	530	14	-4	-11
850	520	550	20	-6	-19
850	540	570	21	-7	-28
850	560	590	24	-7	-2
850	580	610	36	-8	28
850	600	630	38	-7	41
850	620	650	24	-14	43
850	640	670	22	-16	-2
850	660	690	-1	-14	x
850	680	710	4	-8	x

850	700	730	10	0	x	
900	0	80	-11	-1		-4
900	20	80	-10	-8		-6
900	40	70	-11	-5		0
900	60	90	-9	-3		-2
900	80	110	-9	-2		-10
900	100	130	-11	-5		-21
900	120	150	-5	-2		-1
900	140	170	3	2		15
900	160	190	2	2		16
900	180	210	-3	2		10
900	200	230	-7	0		1
900	220	250	-10	-1		0
900	240	270	-10	1		11
900	260	290	-8	2		26
900	280	310	-12	2		27
900	300	330	-17	2		2
900	320	350	-29	1		-17
900	340	370	-27	1		-14
900	360	390	-21	2		-13
900	380	410	-18	3		-20
900	400	430	-15	-5		-26
900	420	450	-10	1		-26
900	440	470	-4	2		-19
900	460	490	4	3		-10
900	480	510	8	0		-8
900	500	530	11	-5		-16
900	520	550	11	-5		-27
900	540	570	16	-7		-17
900	560	590	22	-5		12
900	580	610	32	-6		3
900	600	630	23	-10		-33
900	620	650	19	-17		-11
900	640	670	33	-15		48
900	660	690	42	-12	x	
900	680	710	21	-9	x	
900	700	730	6	-7	x	
950	0	80	-5	1		7
950	20	80	-5	1		6
950	40	70	-8	0		1
950	60	90	-9	-2		-7
950	80	110	-10	-3		-20
950	100	130	-8	-4		-17
950	120	150	-4	-5		19
950	140	170	6	-2		43
950	160	190	-1	-2		25
950	180	210	-16	-7		8
950	200	230	-22	-9		7
950	220	250	-20	-10		12
950	240	270	-26	-6		24
950	260	290	-23	-3		26
950	280	310	-35	-5		20
950	300	330	-38	-2		-2
950	320	350	-46	-3		-21
950	340	370	-47	-5		-27

950	360	390	-35	-3	-20
950	380	410	-27	-1	-42
950	400	430	-28	-6	-42
950	420	450	-11	1	-20
950	440	470	-2	3	-9
950	460	490	5	1	-11
950	480	510	5	-5	-21
950	500	530	7	-5	-22
950	520	550	14	-5	0
950	540	570	19	-5	27
950	560	590	24	-6	13
950	580	610	9	-15	-24
950	600	630	7	-22	-46
950	620	650	10	-25	-35
950	640	670	27	-20	19
950	660	690	39	-4	x
950	680	710	36	-3	x
950	700	730	11	-3	x
1000	0	30	-16	-3	-5
1000	20	50	-15	-5	-6
1000	40	70	-14	-5	-9
1000	60	90	-12	-6	-14
1000	80	110	-11	-7	-18
1000	100	130	-6	-4	-8
1000	120	150	-3	-1	18
1000	140	170	4	-4	34
1000	160	190	-5	-9	30
1000	180	210	-12	-9	12
1000	200	230	-20	-9	1
1000	220	250	-24	-7	6
1000	240	270	-20	-4	8
1000	260	290	-25	-1	4
1000	280	310	-20	0	7
1000	300	330	-20	3	11
1000	320	350	-29	5	4
1000	340	370	-34	6	-6
1000	360	390	-34	8	-19
1000	380	410	-33	5	-24
1000	400	430	-23	0	-33
1000	420	450	-19	3	-26
1000	440	470	-9	4	-10
1000	460	490	-1	3	-9
1000	480	510	-1	0	-15
1000	500	530	1	-3	-31
1000	520	550	6	-3	-31
1000	540	570	12	-2	9
1000	560	590	26	0	28
1000	580	610	23	-7	0
1000	600	630	6	-17	-31
1000	620	650	15	-17	-49
1000	640	670	14	-16	-13
1000	660	690	33	-5	x
1000	680	710	40	-5	x
1000	700	730	25	-4	x
1100	0	30	-15	1	-4



1100	20	50	-16	-2	-7
1100	40	70	-15	-2	-2
1100	60	90	-12	-2	5
1100	80	110	-12	-6	2
1100	100	130	-12	-2	-2
1100	120	150	-16	-15	6
1100	140	170	-12	-16	20
1100	160	190	-15	-15	19
1100	180	210	-19	-15	1
1100	200	230	-28	-12	-8
1100	220	250	-25	-10	-2
1100	240	270	-23	-4	0
1100	260	290	-22	0	12
1100	280	310	-23	4	19
1100	300	330	-25	7	12
1100	320	350	-22	9	5
1100	340	370	-34	10	-15
1100	360	390	-37	5	x
1100	380	410	-35	5	x
1100	400	430	-21	8	x
1150	0	30	-5	-17	-14
1150	20	50	-5	-15	0
1150	40	70	0	-7	22
1150	60	90	4	3	20
1150	80	110	-9	-10	9
1150	100	130	-19	-22	5
1150	120	150	-16	-16	-1
1150	140	170	-21	-21	-10
1150	160	190	-19	-10	-15
1150	180	210	-17	-29	-18
1150	200	230	-13	-32	-16
1150	220	250	-8	-30	-15
1150	240	270	-4	-28	-16
1150	260	290	-1	-28	-7
1150	280	310	4	-31	1
1150	300	330	7	-32	2
1150	320	350	3	-45	5
1150	340	370	7	-34	-3
1150	360	390	1	-46	x
1150	380	410	4	-35	x
1150	400	430	7	-25	x
1200	0	30	-3	-17	-8
1200	20	50	-2	-3	-9
1200	40	70	-1	-8	10
1200	60	90	4	4	20
1200	80	110	2	8	25
1200	100	130	-9	-7	14
1200	120	150	-15	-12	7
1200	140	170	-17	-15	-3
1200	160	190	-21	-20	-12
1200	180	210	-18	-24	-14
1200	200	230	-15	-27	-10
1200	220	250	-11	-30	-7
1200	240	270	-8	-36	-12
1200	260	290	-8	-44	-23

1200	280	310	-4	-44	-10
1200	300	330	6	-36	-1
1200	320	350	5	-32	4
1200	340	370	7	-34	10
1200	360	390	3	-44	x
1200	380	410	0	-35	x
1200	400	430	-1	-44	x

BONAPART MAGNETIC DATA .....GRID "C"

LINE	STN	CONSTANT	T.F. MAG.	DELTA C
.00	.00	57840.00	57827.30	.00
.00	20.00	57840.00	57842.00	14.70
.00	40.00	57840.00	57974.10	132.10
.00	60.00	57840.00	57932.40	-41.70
.00	80.00	57840.00	57802.80	-129.60
.00	100.00	57840.00	57836.90	34.10
.00	120.00	57840.00	57815.20	-21.70
.00	140.00	57840.00	57701.80	-113.40
.00	160.00	57840.00	57850.30	148.50
.00	180.00	57840.00	57549.90	-300.40
.00	200.00	57840.00	57784.10	234.20
.00	220.00	57840.00	57775.10	-9.00
.00	240.00	57840.00	57796.50	21.40
.00	260.00	57840.00	57775.00	-21.50
.00	280.00	57840.00	57781.10	6.10
.00	300.00	57840.00	57819.90	38.80
.00	320.00	57840.00	57813.40	-6.50
.00	340.00	57840.00	57803.30	-10.10
.00	360.00	57840.00	57782.40	-20.90
.00	380.00	57840.00	57624.00	-158.40
.00	400.00	57840.00	57900.00	276.00
.00	420.00	57840.00	57839.90	-60.10
.00	440.00	57840.00	57938.20	-1.70
.00	460.00	57840.00	57874.10	35.90
.00	480.00	57840.00	57813.00	-61.10
.00	500.00	57840.00	57808.40	-4.60
.00	520.00	57840.00	57862.70	54.30
.00	540.00	57840.00	57850.90	-11.80
.00	560.00	57840.00	57839.80	-11.10
.00	580.00	57840.00	57839.10	-.70
.00	600.00	57840.00	57849.90	10.80
.00	620.00	57840.00	57822.00	-27.90
.00	640.00	57840.00	57689.70	-132.30
.00	660.00	57840.00	57630.10	-59.60
.00	680.00	57840.00	58690.30	1060.20
.00	700.00	57840.00	58107.10	-583.20
.00	720.00	57840.00	57990.80	-116.30
.00	740.00	57840.00	57776.50	-214.30
.00	760.00	57840.00	57735.30	-41.20
.00	780.00	57840.00	57630.20	-105.10
.00	800.00	57840.00	57964.50	334.30
.00	820.00	57840.00	57735.40	-229.10
.00	840.00	57840.00	57810.30	74.90
.00	860.00	57840.00	57785.30	-25.00
.00	880.00	57840.00	57878.90	93.60
.00	900.00	57840.00	57889.60	10.70
.00	920.00	57840.00	57896.40	8.80
.00	940.00	57840.00	57953.80	55.40
.00	960.00	57840.00	57949.50	-4.30

.00	980.00	57840.00	58057.80	108.20
.00	1000.00	57840.00	58107.90	50.10
50.00	.00	57840.00	57820.90	.00
50.00	20.00	57840.00	57831.90	11.00
50.00	40.00	57840.00	57918.10	86.20
50.00	60.00	57840.00	57904.10	-14.00
50.00	80.00	57840.00	57739.60	-164.50
50.00	100.00	57840.00	57674.20	-65.40
50.00	120.00	57840.00	57803.10	128.90
50.00	140.00	57840.00	57669.70	-133.40
50.00	160.00	57840.00	57827.20	157.50
50.00	180.00	57840.00	57752.30	-74.90
50.00	200.00	57840.00	57804.10	51.80
50.00	220.00	57840.00	57790.90	-13.20
50.00	240.00	57840.00	57825.20	34.30
50.00	260.00	57840.00	57818.40	-6.80
50.00	280.00	57840.00	57831.60	13.20
50.00	300.00	57840.00	57837.10	5.50
50.00	320.00	57840.00	57812.40	-24.70
50.00	340.00	57840.00	57849.90	37.50
50.00	360.00	57840.00	57811.20	-38.70
50.00	380.00	57840.00	57805.80	-5.40
50.00	400.00	57840.00	57841.90	36.10
50.00	420.00	57840.00	57794.60	-47.30
50.00	440.00	57840.00	57808.90	14.30
50.00	460.00	57840.00	57812.40	3.50
50.00	480.00	57840.00	57829.40	17.00
50.00	500.00	57840.00	57817.30	-12.10
50.00	520.00	57840.00	57857.80	40.50
50.00	540.00	57840.00	57868.00	10.20
50.00	560.00	57840.00	57890.60	22.60
50.00	580.00	57840.00	57853.70	-36.90
50.00	600.00	57840.00	57867.50	13.80
50.00	620.00	57840.00	57779.20	-88.30
50.00	640.00	57840.00	57809.40	30.20
50.00	660.00	57840.00	57869.80	60.40
50.00	680.00	57840.00	57739.50	-130.30
50.00	700.00	57840.00	57860.10	120.60
50.00	720.00	57840.00	57802.20	-57.90
50.00	740.00	57840.00	57793.50	-8.70
50.00	760.00	57840.00	57777.90	-15.60
50.00	780.00	57840.00	57783.10	5.20
50.00	800.00	57840.00	57764.70	-18.40
50.00	820.00	57840.00	57824.60	59.90
50.00	840.00	57840.00	57855.20	30.60
50.00	860.00	57840.00	57924.50	69.30
50.00	880.00	57840.00	57984.90	60.40
50.00	900.00	57840.00	57971.90	-13.00
50.00	920.00	57840.00	58129.10	157.20
50.00	940.00	57840.00	58075.50	-53.60
50.00	960.00	57840.00	58223.10	147.60
50.00	980.00	57840.00	57751.70	-471.40
50.00	1000.00	57840.00	57655.00	-96.70
100.00	.00	57840.00	57858.50	.00
100.00	20.00	57840.00	57806.10	-52.40

100.00	40.00	57840.00	57745.20	-60.90
100.00	60.00	57840.00	57816.80	71.60
100.00	80.00	57840.00	57705.90	-110.90
100.00	100.00	57840.00	57790.40	84.50
100.00	120.00	57840.00	57900.00	9.60
100.00	140.00	57840.00	57845.30	45.30
100.00	160.00	57840.00	58137.00	291.70
100.00	180.00	57840.00	58169.10	32.10
100.00	200.00	57840.00	57876.70	-292.40
100.00	220.00	57840.00	57790.60	-86.10
100.00	240.00	57840.00	57838.00	47.40
100.00	260.00	57840.00	57836.60	-1.40
100.00	280.00	57840.00	57881.50	44.90
100.00	300.00	57840.00	57951.00	69.50
100.00	320.00	57840.00	57908.20	-42.80
100.00	340.00	57840.00	57856.20	-52.00
100.00	360.00	57840.00	57798.70	-57.50
100.00	380.00	57840.00	57894.50	95.80
100.00	400.00	57840.00	57849.50	-45.00
100.00	420.00	57840.00	57745.70	-103.80
100.00	440.00	57840.00	57823.90	78.20
100.00	460.00	57840.00	57845.10	21.20
100.00	480.00	57840.00	57834.00	-11.10
100.00	500.00	57840.00	57846.70	12.70
100.00	520.00	57840.00	57832.10	-14.60
100.00	540.00	57840.00	57761.00	-71.10
100.00	560.00	57840.00	58324.30	563.30
100.00	580.00	57840.00	58329.20	14.90
100.00	600.00	57840.00	57870.80	-468.40
100.00	620.00	57840.00	57858.20	-12.60
100.00	640.00	57840.00	57870.70	12.50
100.00	660.00	57840.00	57924.50	53.80
100.00	680.00	57840.00	57847.20	-77.30
100.00	700.00	57840.00	57856.50	9.30
100.00	720.00	57840.00	57824.00	-32.50
100.00	740.00	57840.00	57816.50	-7.50
100.00	760.00	57840.00	57883.30	-133.20
100.00	780.00	57840.00	57856.50	173.20
100.00	800.00	57840.00	57934.60	76.10
100.00	820.00	57840.00	57930.10	-4.50
100.00	840.00	57840.00	57951.40	21.30
100.00	860.00	57840.00	58077.40	126.00
100.00	880.00	57840.00	58079.70	2.30
100.00	900.00	57840.00	58125.40	45.70
100.00	920.00	57840.00	58259.30	133.90
100.00	940.00	57840.00	58033.00	-226.30
100.00	960.00	57840.00	58007.20	-25.80
100.00	1000.00	57840.00	57936.50	-70.70
150.00	.00	57840.00	57798.90	.00
150.00	20.00	57840.00	57759.20	-39.70
150.00	40.00	57840.00	57794.60	35.40
150.00	60.00	57840.00	57881.20	86.60
150.00	80.00	57840.00	57913.10	-68.10
150.00	100.00	57840.00	57787.60	-25.50
150.00	120.00	57840.00	57826.20	38.60

150.00	140.00	57840.00	57760.70	-63.50
150.00	160.00	57840.00	57862.20	101.50
150.00	180.00	57840.00	57829.90	-22.30
150.00	200.00	57840.00	57896.90	67.00
150.00	220.00	57840.00	57841.60	-55.30
150.00	240.00	57840.00	57814.60	-27.00
150.00	260.00	57840.00	57881.30	66.70
150.00	280.00	57840.00	57929.20	47.90
150.00	300.00	57840.00	57945.50	16.30
150.00	320.00	57840.00	57715.20	-230.30
150.00	340.00	57840.00	57913.60	198.40
150.00	360.00	57840.00	57919.50	5.90
150.00	380.00	57840.00	57834.50	-85.00
150.00	400.00	57840.00	57810.90	-23.60
150.00	420.00	57840.00	57818.50	7.60
150.00	440.00	57840.00	57829.60	11.10
150.00	460.00	57840.00	57807.20	-22.40
150.00	480.00	57840.00	57832.90	25.60
150.00	500.00	57840.00	57810.20	-22.60
150.00	520.00	57840.00	57817.40	7.20
150.00	540.00	57840.00	57869.20	51.80
150.00	560.00	57840.00	57886.00	18.80
150.00	580.00	57840.00	57885.70	-2.30
150.00	600.00	57840.00	57767.10	-118.60
150.00	620.00	57840.00	57500.80	-266.30
150.00	640.00	57840.00	58851.00	1350.20
150.00	660.00	57840.00	57833.20	-1017.80
150.00	680.00	57840.00	57848.20	15.00
150.00	700.00	57840.00	57798.80	-49.40
150.00	720.00	57840.00	57787.20	-11.60
150.00	740.00	57840.00	57809.10	21.90
150.00	760.00	57840.00	57902.80	93.70
150.00	780.00	57840.00	57889.00	-13.80
150.00	800.00	57840.00	57915.10	26.10
150.00	820.00	57840.00	57946.20	31.10
150.00	840.00	57840.00	58050.70	104.50
150.00	860.00	57840.00	58089.10	38.40
150.00	880.00	57840.00	58177.20	88.10
150.00	900.00	57840.00	58232.50	55.30
150.00	920.00	57840.00	57985.00	-247.50
150.00	940.00	57840.00	57953.10	-31.90
150.00	960.00	57840.00	57919.90	-33.20
150.00	980.00	57840.00	57752.30	-167.60
150.00	1000.00	57840.00	57902.10	149.80
200.00	.00	57840.00	57732.80	.00
200.00	20.00	57840.00	57726.90	-5.90
200.00	40.00	57840.00	57798.60	71.70
200.00	60.00	57840.00	57766.50	-32.10
200.00	80.00	57840.00	57796.40	29.90
200.00	100.00	57840.00	57825.50	29.10
200.00	120.00	57840.00	57820.90	-4.70
200.00	140.00	57840.00	57826.70	5.90
200.00	160.00	57840.00	57824.90	-1.80
200.00	180.00	57840.00	57794.50	-30.40
200.00	200.00	57840.00	57784.80	-9.70

200.00	220.00	57840.00	57797.40	12.60
200.00	240.00	57840.00	57755.20	-42.20
200.00	260.00	57840.00	57927.60	72.40
200.00	280.00	57840.00	57975.40	47.80
200.00	300.00	57840.00	57978.90	103.50
200.00	320.00	57840.00	57933.60	-45.30
200.00	340.00	57840.00	58076.20	142.60
200.00	360.00	57840.00	57874.60	-201.60
200.00	380.00	57840.00	57973.40	-1.20
200.00	400.00	57840.00	57880.80	7.40
200.00	420.00	57840.00	57772.20	-108.60
200.00	440.00	57840.00	57776.00	3.80
200.00	460.00	57840.00	57768.00	-8.00
200.00	480.00	57840.00	57783.80	15.80
200.00	500.00	57840.00	57971.80	188.00
200.00	520.00	57840.00	57825.10	-146.70
200.00	540.00	57840.00	57906.60	81.50
200.00	560.00	57840.00	57927.20	20.60
200.00	580.00	57840.00	57922.70	-4.50
200.00	600.00	57840.00	57853.50	-69.20
200.00	620.00	57840.00	57863.50	10.00
200.00	640.00	57840.00	57813.60	-49.90
200.00	660.00	57840.00	57864.50	50.90
200.00	680.00	57840.00	57852.50	-12.00
200.00	700.00	57840.00	57853.20	.70
200.00	720.00	57840.00	57868.00	14.80
200.00	740.00	57840.00	57791.80	-76.20
200.00	760.00	57840.00	57821.80	30.00
200.00	780.00	57840.00	57848.60	26.80
200.00	800.00	57840.00	57999.60	151.00
200.00	820.00	57840.00	57924.90	-74.70
200.00	840.00	57840.00	58006.40	81.50
200.00	860.00	57840.00	57753.00	-253.40
200.00	880.00	57840.00	57785.50	32.50
200.00	900.00	57840.00	57847.10	61.60
200.00	920.00	57840.00	57737.70	-109.40
200.00	940.00	57840.00	57522.20	-215.50
200.00	960.00	57840.00	57864.90	342.70
200.00	980.00	57840.00	57868.30	104.00
200.00	1000.00	57840.00	57946.80	-22.10
250.00	.00	57840.00	57783.50	.00
250.00	20.00	57840.00	57852.40	68.90
250.00	40.00	57840.00	57821.00	-31.40
250.00	60.00	57840.00	57801.00	-20.00
250.00	80.00	57840.00	57768.70	-32.30
250.00	100.00	57840.00	57861.20	92.50
250.00	120.00	57840.00	57831.70	-29.50
250.00	140.00	57840.00	57769.80	-61.90
250.00	160.00	57840.00	57751.00	-18.80
250.00	180.00	57840.00	57776.30	25.00
250.00	200.00	57840.00	57801.00	24.70
250.00	220.00	57840.00	57793.20	-7.80
250.00	240.00	57840.00	57846.10	52.90
250.00	260.00	57840.00	57880.90	34.80
250.00	280.00	57840.00	57843.30	-37.60

250.00	200.00	57840.00	57842.70	-.60
250.00	300.00	57840.00	57811.40	-31.30
250.00	320.00	57840.00	58047.40	208.00
250.00	340.00	57840.00	57887.50	-159.90
250.00	360.00	57840.00	57826.10	-61.40
250.00	380.00	57840.00	57689.00	-137.10
250.00	400.00	57840.00	57891.50	202.50
250.00	420.00	57840.00	57789.10	-102.40
250.00	440.00	57840.00	57818.20	29.10
250.00	460.00	57840.00	58127.70	309.50
250.00	480.00	57840.00	58371.80	244.10
250.00	500.00	57840.00	58252.80	-119.00
250.00	520.00	57840.00	57877.10	-375.70
250.00	540.00	57840.00	57838.00	-39.10
250.00	560.00	57840.00	57788.30	-49.70
250.00	580.00	57840.00	57828.20	39.90
250.00	600.00	57840.00	57946.30	118.10
250.00	620.00	57840.00	57869.20	-77.10
250.00	640.00	57840.00	57852.10	-17.10
250.00	660.00	57840.00	57858.30	6.20
250.00	680.00	57840.00	57856.40	-1.90
250.00	700.00	57840.00	57869.40	13.00
250.00	720.00	57840.00	57851.20	-18.20
250.00	740.00	57840.00	57772.70	-78.50
250.00	760.00	57840.00	57959.80	187.10
250.00	800.00	57840.00	58070.20	.00
250.00	820.00	57840.00	57737.20	-333.00
250.00	840.00	57840.00	57710.40	-26.80
250.00	860.00	57840.00	57668.30	-42.10
250.00	880.00	57840.00	57671.20	2.90
250.00	900.00	57840.00	57694.80	23.60
250.00	920.00	57840.00	57755.90	61.10
250.00	940.00	57840.00	58014.50	258.60
250.00	960.00	57840.00	57932.00	-82.50
250.00	980.00	57840.00	57918.30	-13.50
250.00	1000.00	57840.00	57866.80	-51.70
300.00	.00	57840.00	57778.30	.00
300.00	20.00	57840.00	57873.80	95.50
300.00	40.00	57840.00	57829.30	-44.50
300.00	60.00	57840.00	57820.40	-8.90
300.00	80.00	57840.00	57841.70	21.30
300.00	100.00	57840.00	57875.60	33.90
300.00	120.00	57840.00	57849.80	-25.80
300.00	140.00	57840.00	57842.00	-7.80
300.00	160.00	57840.00	57893.10	51.10
300.00	180.00	57840.00	57896.60	3.50
300.00	200.00	57840.00	57893.00	-3.60
300.00	220.00	57840.00	57889.80	-3.20
300.00	240.00	57840.00	57843.60	-46.20
300.00	260.00	57840.00	57794.40	-49.20
300.00	280.00	57840.00	57834.90	40.50
300.00	300.00	57840.00	57789.40	-45.50
300.00	320.00	57840.00	57853.70	64.30
300.00	340.00	57840.00	57814.70	-39.00
300.00	360.00	57840.00	57812.60	-2.10



300.00	380.00	57840.00	57720.90	-31.70
300.00	400.00	57840.00	57750.90	-30.00
300.00	420.00	57840.00	57742.40	-2.50
300.00	440.00	57840.00	57728.40	-20.00
300.00	460.00	57840.00	57825.10	96.70
300.00	480.00	57840.00	57860.00	34.90
300.00	500.00	57840.00	57888.80	28.80
300.00	520.00	57840.00	57890.70	1.90
300.00	540.00	57840.00	57856.20	-34.50
300.00	560.00	57840.00	57938.20	82.00
300.00	580.00	57840.00	57859.30	-78.90
300.00	600.00	57840.00	57850.60	-8.70
300.00	620.00	57840.00	57945.70	95.10
300.00	640.00	57840.00	57873.30	-72.40
300.00	660.00	57840.00	57858.20	-15.10
300.00	680.00	57840.00	57799.40	-58.80
300.00	700.00	57840.00	57720.60	-78.80
300.00	720.00	57840.00	57979.40	258.80
300.00	740.00	57840.00	58055.50	76.10
300.00	760.00	57840.00	58066.90	11.40
300.00	780.00	57840.00	58128.80	61.90
300.00	800.00	57840.00	57677.30	-451.50
300.00	820.00	57840.00	57757.40	20.10
300.00	840.00	57840.00	57693.40	-64.00
300.00	860.00	57840.00	57694.20	.80
300.00	880.00	57840.00	57722.00	27.80
300.00	900.00	57840.00	57829.40	107.40
300.00	920.00	57840.00	57938.50	109.10
300.00	940.00	57840.00	57886.70	-51.80
300.00	960.00	57840.00	57831.40	-55.30
300.00	980.00	57840.00	57913.10	81.70
300.00	1000.00	57840.00	57823.20	-89.90
350.00	.00	57840.00	57850.00	.00
350.00	20.00	57840.00	57773.20	-76.80
350.00	40.00	57840.00	57754.80	-18.40
350.00	60.00	57840.00	57811.60	56.80
350.00	80.00	57840.00	57816.00	4.40
350.00	100.00	57840.00	57821.10	5.10
350.00	120.00	57840.00	57849.60	28.50
350.00	140.00	57840.00	57873.70	24.10
350.00	160.00	57840.00	57903.30	29.60
350.00	180.00	57840.00	57931.30	28.00
350.00	200.00	57840.00	57895.70	-35.60
350.00	220.00	57840.00	57823.40	-72.30
350.00	240.00	57840.00	57832.70	9.30
350.00	260.00	57840.00	57829.70	-3.00
350.00	280.00	57840.00	57882.70	53.00
350.00	300.00	57840.00	57868.10	-14.60
350.00	320.00	57840.00	57865.20	-2.90
350.00	340.00	57840.00	57768.60	-96.60
350.00	360.00	57840.00	57701.30	-67.30
350.00	380.00	57840.00	57832.60	131.30
350.00	400.00	57840.00	57806.00	-26.60
350.00	420.00	57840.00	57880.20	74.20
350.00	440.00	57840.00	57949.70	69.50

350.00	460.00	57840.00	57925.30	-24.40
350.00	480.00	57840.00	57925.40	.10
350.00	500.00	57840.00	57935.10	10.70
350.00	520.00	57840.00	57883.60	-52.50
350.00	540.00	57840.00	57902.40	18.80
350.00	560.00	57840.00	58051.00	148.60
350.00	580.00	57840.00	58042.80	-8.20
350.00	600.00	57840.00	57829.40	-213.40
350.00	620.00	57840.00	57859.50	30.10
350.00	640.00	57840.00	57921.20	61.70
350.00	660.00	57840.00	57782.10	-139.10
350.00	680.00	57840.00	57852.40	70.30
350.00	700.00	57840.00	57860.90	8.50
350.00	720.00	57840.00	58024.90	164.00
350.00	740.00	57840.00	58081.00	56.10
350.00	760.00	57840.00	57762.80	-318.20
350.00	780.00	57840.00	57819.60	56.80
350.00	800.00	57840.00	57722.50	-97.10
350.00	820.00	57840.00	57641.80	-80.70
350.00	840.00	57840.00	57541.10	-100.70
350.00	860.00	57840.00	57892.60	351.50
350.00	880.00	57840.00	57909.50	16.90
350.00	900.00	57840.00	57825.30	-84.20
350.00	920.00	57840.00	57855.80	30.50
350.00	940.00	57840.00	57923.80	68.00
350.00	960.00	57840.00	57940.70	16.90
350.00	980.00	57840.00	57880.20	-60.50
350.00	1000.00	57840.00	57803.20	-77.00
400.00	.00	57840.00	57960.10	.00
400.00	20.00	57840.00	57907.70	-52.40
400.00	40.00	57840.00	57833.90	-73.80
400.00	60.00	57840.00	57740.60	-93.30
400.00	80.00	57840.00	58083.80	343.20
400.00	100.00	57840.00	57777.10	-306.70
400.00	120.00	57840.00	57799.70	22.60
400.00	140.00	57840.00	57868.00	68.30
400.00	160.00	57840.00	57962.60	94.60
400.00	180.00	57840.00	58023.30	63.30
400.00	200.00	57840.00	57963.30	-56.10
400.00	220.00	57840.00	58003.90	39.10
400.00	240.00	57840.00	58000.90	-8.00
400.00	260.00	57840.00	57939.30	-61.60
400.00	280.00	57840.00	57833.10	-106.20
400.00	300.00	57840.00	57840.90	7.80
400.00	320.00	57840.00	57796.90	-44.00
400.00	340.00	57840.00	57790.30	-6.60
400.00	360.00	57840.00	57902.50	112.20
400.00	380.00	57840.00	57852.20	-50.30
400.00	400.00	57840.00	57792.20	-60.00
400.00	420.00	57840.00	57859.30	67.60
400.00	440.00	57840.00	57819.80	-40.00
400.00	460.00	57840.00	57668.70	-151.10
400.00	480.00	57840.00	57817.50	148.80
400.00	500.00	57840.00	57890.20	72.70
400.00	520.00	57840.00	57794.00	-86.20

400.00	540.00	57840.00	57879.50	34.50
400.00	560.00	57840.00	57808.40	-70.10
400.00	580.00	57840.00	57701.60	-106.80
400.00	600.00	57840.00	58079.50	377.00
400.00	620.00	57840.00	57860.60	-218.90
400.00	640.00	57840.00	57914.60	54.00
400.00	660.00	57840.00	57708.40	-175.20
400.00	680.00	57840.00	57986.30	247.90
400.00	700.00	57840.00	57871.80	-114.50
400.00	720.00	57840.00	57798.60	-73.20
400.00	740.00	57840.00	57650.30	-148.30
400.00	760.00	57840.00	57685.40	35.10
400.00	780.00	57840.00	57616.60	-68.80
400.00	800.00	57840.00	57633.20	16.60
400.00	820.00	57840.00	57907.30	274.10
400.00	840.00	57840.00	57682.10	-225.20
400.00	860.00	57840.00	57874.90	192.80
400.00	880.00	57840.00	57873.40	-1.50
400.00	900.00	57840.00	57872.20	4.80
400.00	920.00	57840.00	58064.70	186.50
400.00	940.00	57840.00	57916.30	-148.40
400.00	960.00	57840.00	57876.00	-40.30
400.00	980.00	57840.00	57932.70	56.70
400.00	1000.00	57840.00	57804.40	-128.30
450.00	.00	57840.00	58021.60	.00
450.00	20.00	57840.00	57953.60	-68.00
450.00	40.00	57840.00	57949.50	-4.10
450.00	60.00	57840.00	57892.70	-50.80
450.00	80.00	57840.00	57792.50	-100.20
450.00	100.00	57840.00	57776.00	-22.50
450.00	120.00	57840.00	57815.10	39.10
450.00	140.00	57840.00	57849.80	34.70
450.00	160.00	57840.00	58043.40	193.60
450.00	180.00	57840.00	58008.00	-35.40
450.00	200.00	57840.00	58029.10	21.10
450.00	220.00	57840.00	57926.20	-102.90
450.00	240.00	57840.00	57860.80	-65.40
450.00	260.00	57840.00	57768.00	-92.80
450.00	280.00	57840.00	57842.40	74.40
450.00	300.00	57840.00	57876.70	34.30
450.00	320.00	57840.00	57780.70	-96.00
450.00	340.00	57840.00	57832.50	51.80
450.00	360.00	57840.00	57805.80	-26.70
450.00	380.00	57840.00	57864.50	59.70
450.00	400.00	57840.00	57917.40	32.90
450.00	420.00	57840.00	57860.70	-56.70
450.00	440.00	57840.00	57764.70	-96.00
450.00	460.00	57840.00	57963.30	198.60
450.00	480.00	57840.00	57875.60	-87.70
450.00	500.00	57840.00	57839.60	-36.00
450.00	520.00	57840.00	57846.80	7.20
450.00	540.00	57840.00	57801.50	-45.30
450.00	560.00	57840.00	57829.50	37.00
450.00	580.00	57840.00	57872.80	34.30
450.00	600.00	57840.00	57957.30	84.50

450.00	520.00	57840.00	57874.80	17.50
450.00	540.00	57840.00	57727.50	-247.30
450.00	560.00	57840.00	57694.00	-33.50
450.00	580.00	57840.00	57637.30	-56.70
450.00	700.00	57840.00	57830.80	193.50
450.00	720.00	57840.00	57692.00	-138.80
450.00	740.00	57840.00	57717.00	25.00
450.00	760.00	57840.00	57747.00	30.00
450.00	780.00	57840.00	57650.10	-96.90
450.00	800.00	57840.00	57747.40	97.30
450.00	820.00	57840.00	57745.80	-1.60
450.00	840.00	57840.00	57625.30	-60.50
450.00	860.00	57840.00	57952.80	267.50
450.00	880.00	57840.00	57677.10	-275.70
450.00	900.00	57840.00	58007.20	330.10
450.00	920.00	57840.00	57927.90	-79.30
450.00	940.00	57840.00	57806.60	-121.00
450.00	960.00	57840.00	57868.00	61.40
450.00	980.00	57840.00	57766.50	-101.50
450.00	1000.00	57840.00	57845.20	78.70
500.00	680.00	57840.00	57794.60	.00
500.00	700.00	57840.00	57651.40	-143.20
500.00	720.00	57840.00	57621.50	-29.90
500.00	740.00	57840.00	57892.10	270.60
500.00	760.00	57840.00	57705.80	-186.30
500.00	780.00	57840.00	57587.80	-118.00
500.00	800.00	57840.00	57997.80	410.00
500.00	820.00	57840.00	57960.40	-37.40
500.00	840.00	57840.00	57945.10	-15.30
500.00	860.00	57840.00	57894.50	-50.60
500.00	880.00	57840.00	57751.90	-142.60
500.00	900.00	57840.00	57822.10	70.20
500.00	920.00	57840.00	57806.90	-15.20
500.00	940.00	57840.00	57769.50	-37.40
500.00	960.00	57840.00	57747.00	-22.50
500.00	980.00	57840.00	57791.20	44.20
500.00	1000.00	57840.00	57751.10	-40.10
1150.00	.00	57840.00	57745.60	.00
1150.00	20.00	57840.00	57835.70	90.10
1150.00	40.00	57840.00	57826.90	-8.80
1150.00	60.00	57840.00	57774.00	-52.90
1150.00	80.00	57840.00	58080.10	306.10
1150.00	100.00	57840.00	57920.90	-159.20
1150.00	120.00	57840.00	58008.00	87.10
1150.00	140.00	57840.00	58019.20	11.20
1150.00	160.00	57840.00	58045.40	26.20
1150.00	180.00	57840.00	57908.00	-137.40
1150.00	200.00	57840.00	57965.60	57.60
1150.00	220.00	57840.00	58150.50	184.90
1150.00	240.00	57840.00	57887.90	-262.60
1150.00	260.00	57840.00	57900.50	12.60
1150.00	280.00	57840.00	57763.30	-137.20
1150.00	300.00	57840.00	57805.10	41.80
1150.00	320.00	57840.00	57750.60	-54.50
1150.00	340.00	57840.00	57899.20	148.60

1150.00	350.00	57240.00	57775.10	-124.10
1150.00	350.00	57240.00	57651.10	-124.00
1150.00	400.00	57240.00	57635.20	34.20
1200.00	.00	57240.00	57726.10	.00
1200.00	20.00	57240.00	57731.90	-54.20
1200.00	40.00	57240.00	57724.20	32.30
1200.00	60.00	57240.00	57834.60	50.40
1200.00	80.00	57240.00	57910.40	75.80
1200.00	100.00	57240.00	57928.00	17.60
1200.00	120.00	57240.00	58017.50	89.50
1200.00	140.00	57240.00	58011.50	-5.70
1200.00	160.00	57240.00	57838.10	-173.70
1200.00	180.00	57240.00	57912.20	74.70
1200.00	200.00	57240.00	57883.40	-29.40
1200.00	220.00	57240.00	57927.40	44.00
1200.00	240.00	57240.00	58090.60	163.20
1200.00	260.00	57240.00	57845.90	-244.70
1200.00	280.00	57240.00	57725.70	-119.20
1200.00	300.00	57240.00	57691.20	-35.50
1200.00	320.00	57240.00	57851.80	160.60
1200.00	340.00	57240.00	57711.60	-140.20
1200.00	360.00	57240.00	57663.90	-47.70
1200.00	380.00	57240.00	57763.90	100.00
1200.00	400.00	57240.00	57884.10	120.20
500.00	.00	57240.00	58095.50	.00
500.00	20.00	57240.00	58065.20	-30.30
500.00	40.00	57240.00	58001.50	-63.50
500.00	60.00	57240.00	57945.80	-55.80
500.00	80.00	57240.00	57979.30	33.50
500.00	100.00	57240.00	57979.90	.60
500.00	120.00	57240.00	58084.10	104.20
500.00	140.00	57240.00	57714.40	-369.70
500.00	160.00	57240.00	57804.90	90.50
500.00	180.00	57240.00	57884.50	79.60
500.00	200.00	57240.00	57875.50	-9.00
500.00	220.00	57240.00	57922.60	47.10
500.00	240.00	57240.00	58039.70	117.10
500.00	260.00	57240.00	57827.60	-212.10
500.00	280.00	57240.00	57846.10	18.50
500.00	300.00	57240.00	57830.40	-15.70
500.00	320.00	57240.00	57733.10	-97.30
500.00	340.00	57240.00	57748.60	15.50
500.00	360.00	57240.00	57594.60	-154.00
500.00	380.00	57240.00	57830.00	235.40
500.00	400.00	57240.00	57848.50	18.50
500.00	420.00	57240.00	57882.10	33.50
500.00	440.00	57240.00	57937.50	55.50
500.00	460.00	57240.00	57820.00	-57.50
500.00	480.00	57240.00	57844.70	-35.30
500.00	500.00	57240.00	57819.10	-25.60
500.00	520.00	57240.00	57802.80	-16.30
500.00	540.00	57240.00	57831.30	28.50
500.00	560.00	57240.00	57844.20	12.90
500.00	580.00	57240.00	57882.30	38.10
500.00	600.00	57240.00	57977.30	95.00

500.00	620.00	57840.00	57829.70	-147.60
500.00	640.00	57840.00	57861.90	32.20
500.00	660.00	57840.00	57831.70	-30.20
550.00	.00	57840.00	58060.70	.00
550.00	20.00	57840.00	58075.50	14.80
550.00	40.00	57840.00	58051.50	-24.00
550.00	60.00	57840.00	58049.90	-1.60
550.00	80.00	57840.00	57946.10	-103.80
550.00	100.00	57840.00	58027.30	81.20
550.00	120.00	57840.00	57971.50	-55.80
550.00	140.00	57840.00	57956.30	-15.20
550.00	160.00	57840.00	57943.90	-12.40
550.00	180.00	57840.00	58039.10	95.20
550.00	200.00	57840.00	58072.00	32.90
550.00	220.00	57840.00	58102.30	30.00
550.00	240.00	57840.00	57956.40	-145.90
550.00	260.00	57840.00	57749.10	-207.30
550.00	280.00	57840.00	57789.70	40.60
550.00	300.00	57840.00	57560.10	-229.60
550.00	320.00	57840.00	57550.20	-9.90
550.00	340.00	57840.00	57792.70	242.50
550.00	360.00	57840.00	57657.60	-135.10
550.00	380.00	57840.00	57832.40	174.80
550.00	400.00	57840.00	58101.70	269.30
550.00	420.00	57840.00	57848.00	-253.70
550.00	440.00	57840.00	58116.50	266.50
550.00	460.00	57840.00	58014.20	-102.30
550.00	480.00	57840.00	58021.50	7.30
550.00	500.00	57840.00	57825.00	-196.50
550.00	520.00	57840.00	57828.10	3.10
550.00	540.00	57840.00	57652.00	-176.10
550.00	560.00	57840.00	57691.70	39.70
550.00	580.00	57840.00	57734.70	43.00
550.00	600.00	57840.00	57763.20	28.50
550.00	620.00	57840.00	57785.70	22.50
550.00	640.00	57840.00	57703.30	-82.40
550.00	660.00	57840.00	57813.40	110.10
550.00	680.00	57840.00	57700.10	-113.30
550.00	700.00	57840.00	57835.50	136.40
550.00	720.00	57840.00	57971.40	134.90
550.00	740.00	57840.00	57825.10	-145.30
550.00	760.00	57840.00	57500.20	-325.90
550.00	780.00	57840.00	57721.20	221.00
550.00	800.00	57840.00	57871.60	150.40
550.00	820.00	57840.00	57763.00	-108.60
550.00	840.00	57840.00	57817.50	54.50
550.00	860.00	57840.00	57649.90	-167.60
550.00	880.00	57840.00	57861.20	211.30
550.00	900.00	57840.00	57779.30	-81.90
550.00	920.00	57840.00	57829.40	50.10
550.00	940.00	57840.00	57621.00	-8.40
550.00	960.00	57840.00	57767.70	-53.30
550.00	980.00	57840.00	57936.40	168.70
550.00	1000.00	57840.00	57773.90	-157.50
600.00	540.00	57840.00	57642.50	.00

500.00	560.00	57840.00	57771.90	129.40
600.00	580.00	57840.00	58070.10	298.20
500.00	600.00	57840.00	57701.80	-368.30
600.00	620.00	57840.00	57724.20	22.40
500.00	640.00	57840.00	57863.50	129.30
600.00	660.00	57840.00	57974.90	111.40
500.00	680.00	57840.00	58076.10	101.20
600.00	700.00	57840.00	57937.80	-138.30
500.00	720.00	57840.00	57682.80	-255.00
600.00	740.00	57840.00	57905.40	222.60
500.00	760.00	57840.00	57848.90	-56.50
600.00	780.00	57840.00	58059.50	210.60
500.00	800.00	57840.00	57826.60	-232.70
600.00	820.00	57840.00	57780.90	-45.90
500.00	840.00	57840.00	57812.80	31.90
600.00	860.00	57840.00	57828.30	15.50
500.00	880.00	57840.00	57786.30	-42.00
600.00	900.00	57840.00	57856.10	69.80
500.00	920.00	57840.00	57910.20	54.10
600.00	940.00	57840.00	57942.10	31.90
500.00	960.00	57840.00	57898.60	-43.50
600.00	980.00	57840.00	57854.30	-44.30
500.00	1000.00	57840.00	57793.40	-60.90
600.00	.00	57840.00	57849.70	.00
500.00	20.00	57840.00	57754.00	-95.70
600.00	40.00	57840.00	57901.70	47.70
500.00	60.00	57840.00	57751.30	-50.40
600.00	80.00	57840.00	57747.40	-3.90
500.00	100.00	57840.00	57733.40	-14.00
600.00	120.00	57840.00	57822.30	88.60
500.00	140.00	57840.00	57812.50	-9.80
600.00	160.00	57840.00	57853.00	40.50
500.00	180.00	57840.00	57908.20	55.20
600.00	200.00	57840.00	57831.30	-76.90
500.00	220.00	57840.00	57841.70	10.40
600.00	240.00	57840.00	57877.00	35.30
500.00	260.00	57840.00	57909.40	32.40
600.00	280.00	57840.00	57902.40	-107.00
500.00	300.00	57840.00	57672.80	-129.60
600.00	320.00	57840.00	57625.00	-47.80
500.00	340.00	57840.00	57737.50	112.50
600.00	360.00	57840.00	57760.60	23.10
500.00	380.00	57840.00	57951.30	200.70
600.00	400.00	57840.00	58025.00	63.70
500.00	420.00	57840.00	57857.20	-167.80
600.00	440.00	57840.00	57686.70	-170.50
500.00	460.00	57840.00	57707.00	20.30
600.00	480.00	57840.00	57897.10	190.10
500.00	500.00	57840.00	57779.30	-117.80
600.00	520.00	57840.00	57745.20	-34.10
650.00	.00	57840.00	57736.00	.00
650.00	20.00	57840.00	57713.50	-22.50
650.00	40.00	57840.00	57777.50	64.00
650.00	60.00	57840.00	57777.50	.00
650.00	80.00	57840.00	57795.00	17.50

650.00	100.00	57840.00	57889.20	87.90
650.00	120.00	57840.00	57711.00	-172.20
650.00	140.00	57840.00	57747.70	36.70
650.00	160.00	57840.00	57772.30	24.80
650.00	180.00	57840.00	57792.70	20.40
650.00	200.00	57840.00	57811.90	19.20
650.00	220.00	57840.00	57728.60	-80.30
650.00	240.00	57840.00	57748.80	20.20
650.00	260.00	57840.00	57791.80	48.00
650.00	280.00	57840.00	57679.60	-112.20
650.00	300.00	57840.00	57572.80	-106.80
650.00	320.00	57840.00	57673.70	100.90
650.00	340.00	57840.00	57811.00	137.30
650.00	360.00	57840.00	57768.90	-42.10
650.00	380.00	57840.00	57833.20	64.30
650.00	400.00	57840.00	57634.40	-198.80
650.00	420.00	57840.00	57683.40	49.00
650.00	440.00	57840.00	57648.60	-34.80
650.00	460.00	57840.00	57782.40	133.80
650.00	480.00	57840.00	57903.00	120.60
650.00	500.00	57840.00	57760.90	-142.10
650.00	520.00	57840.00	57583.80	-197.10
650.00	540.00	57840.00	57828.10	264.30
650.00	560.00	57840.00	57928.30	100.20
650.00	580.00	57840.00	57638.80	-289.50
650.00	600.00	57840.00	57780.20	141.40
650.00	620.00	57840.00	57792.20	12.00
650.00	640.00	57840.00	57762.10	-30.10
650.00	660.00	57840.00	57859.80	107.70
650.00	680.00	57840.00	57953.90	84.10
650.00	700.00	57840.00	57906.70	-47.20
650.00	720.00	57840.00	57759.50	-147.20
650.00	740.00	57840.00	57863.70	104.20
650.00	760.00	57840.00	57876.00	12.30
650.00	780.00	57840.00	57952.50	76.50
650.00	800.00	57840.00	57705.30	-247.20
650.00	820.00	57840.00	57841.40	126.10
650.00	840.00	57840.00	57793.30	-48.10
650.00	860.00	57840.00	57857.90	64.60
650.00	880.00	57840.00	57969.30	111.40
650.00	900.00	57840.00	57815.90	-153.40
650.00	920.00	57840.00	57794.20	-21.70
650.00	940.00	57840.00	57801.50	7.30
650.00	960.00	57840.00	57821.00	19.50
650.00	980.00	57840.00	57840.60	19.60
650.00	1000.00	57840.00	37807.70	-32.90
700.00	420.00	57840.00	57755.30	.00
700.00	440.00	57840.00	57737.50	-17.80
700.00	460.00	57840.00	57827.40	149.60
700.00	480.00	57840.00	57706.60	-180.80
700.00	500.00	57840.00	57747.70	41.10
700.00	520.00	57840.00	57833.60	85.90
700.00	540.00	57840.00	57990.90	157.60
700.00	560.00	57840.00	57684.90	-306.00
700.00	580.00	57840.00	57723.50	32.50



700.00	500.00	57840.00	57789.70	58.20
700.00	520.00	57840.00	57701.00	-88.70
700.00	540.00	57840.00	57742.90	41.90
700.00	560.00	57840.00	57849.20	108.90
700.00	580.00	57840.00	57909.10	59.90
700.00	700.00	57840.00	57727.20	-181.90
700.00	720.00	57840.00	57887.40	160.20
700.00	740.00	57840.00	57792.40	-95.00
700.00	760.00	57840.00	57794.50	2.10
700.00	780.00	57840.00	57846.80	52.30
700.00	800.00	57840.00	57811.70	-35.10
700.00	820.00	57840.00	57896.40	84.70
700.00	840.00	57840.00	57768.80	-127.60
700.00	860.00	57840.00	57789.70	20.90
700.00	880.00	57840.00	57944.70	155.00
700.00	900.00	57840.00	57965.40	-79.30
700.00	920.00	57840.00	57755.20	-110.20
700.00	940.00	57840.00	57797.80	42.60
700.00	960.00	57840.00	57905.40	107.60
700.00	980.00	57840.00	58101.70	196.30
700.00	1000.00	57840.00	58032.60	-69.10
700.00	.00	57840.00	57741.80	.00
700.00	20.00	57840.00	57767.20	25.40
700.00	40.00	57840.00	57821.00	53.80
700.00	60.00	57840.00	57806.90	-14.10
700.00	80.00	57840.00	57723.90	-80.00
700.00	100.00	57840.00	57760.80	36.90
700.00	120.00	57840.00	57774.50	13.70
700.00	140.00	57840.00	57819.80	45.30
700.00	160.00	57840.00	57873.50	53.70
700.00	180.00	57840.00	57855.70	-17.80
700.00	200.00	57840.00	57817.00	-38.70
700.00	220.00	57840.00	57879.50	62.80
700.00	240.00	57840.00	57799.70	-79.80
700.00	260.00	57840.00	57802.20	2.50
700.00	280.00	57840.00	57758.50	-43.70
700.00	300.00	57840.00	57753.10	-5.40
700.00	320.00	57840.00	57687.40	-66.70
700.00	340.00	57840.00	57752.70	55.30
700.00	360.00	57840.00	57747.70	-3.00
700.00	380.00	57840.00	57719.20	-28.50
700.00	400.00	57840.00	57792.50	73.30
750.00	.00	57840.00	57768.20	.00
750.00	20.00	57840.00	57855.80	87.60
750.00	40.00	57840.00	57794.80	-61.00
750.00	60.00	57840.00	57741.20	-50.60
750.00	80.00	57840.00	57751.90	10.70
750.00	100.00	57840.00	57742.70	-9.20
750.00	120.00	57840.00	57847.50	104.80
750.00	140.00	57840.00	57844.10	-3.40
750.00	160.00	57840.00	57710.80	-103.30
750.00	180.00	57840.00	57778.90	68.10
750.00	200.00	57840.00	57769.30	-9.60
750.00	220.00	57840.00	57806.80	37.50
750.00	240.00	57840.00	57788.00	-12.80

750.00	250.00	57840.00	57809.30	21.60
750.00	280.00	57840.00	57740.30	-59.80
750.00	300.00	57840.00	57752.50	3.00
750.00	320.00	57840.00	57842.30	38.50
750.00	340.00	57840.00	57721.20	-81.10
750.00	360.00	57840.00	57764.20	3.00
750.00	380.00	57840.00	57827.00	62.80
750.00	400.00	57840.00	57916.60	89.60
750.00	420.00	57840.00	57912.70	-3.90
750.00	440.00	57840.00	57718.60	-194.10
750.00	460.00	57840.00	57826.10	-22.50
750.00	480.00	57840.00	57733.20	37.10
750.00	500.00	57840.00	57540.40	-92.80
750.00	520.00	57840.00	57883.60	243.20
750.00	540.00	57840.00	57884.20	.60
750.00	560.00	57840.00	57750.00	-134.20
750.00	580.00	57840.00	57891.10	141.10
750.00	600.00	57840.00	57747.80	-143.30
750.00	620.00	57840.00	58042.00	294.20
750.00	640.00	57840.00	57970.00	-72.00
750.00	660.00	57840.00	57778.70	-131.30
750.00	680.00	57840.00	57732.20	3.50
750.00	700.00	57840.00	57819.60	37.40
800.00	.00	57840.00	57747.00	.00
800.00	20.00	57840.00	57784.00	36.10
800.00	40.00	57840.00	57779.20	-4.80
800.00	60.00	57840.00	57797.30	18.10
800.00	80.00	57840.00	57733.00	-41.00
800.00	100.00	57840.00	57787.20	31.20
800.00	120.00	57840.00	57885.40	98.20
800.00	140.00	57840.00	57845.70	-39.70
800.00	160.00	57840.00	57804.60	-31.10
800.00	180.00	57840.00	57860.50	53.90
800.00	200.00	57840.00	57742.00	-118.50
800.00	220.00	57840.00	57714.30	-27.70
800.00	240.00	57840.00	57837.80	123.50
800.00	260.00	57840.00	57798.50	-39.30
800.00	280.00	57840.00	57730.30	-67.70
800.00	300.00	57840.00	57823.60	92.80
800.00	320.00	57840.00	57837.50	13.90
800.00	340.00	57840.00	57783.00	-54.50
800.00	360.00	57840.00	57853.60	70.60
800.00	380.00	57840.00	58092.40	238.80
800.00	400.00	57840.00	57763.10	-329.30
800.00	420.00	57840.00	57638.10	-75.00
800.00	440.00	57840.00	57728.90	40.80
800.00	460.00	57840.00	57722.50	-6.40
800.00	480.00	57840.00	57888.00	165.50
800.00	500.00	57840.00	57674.30	-213.70
800.00	520.00	57840.00	57897.00	22.70
800.00	540.00	57840.00	57715.80	18.80
800.00	560.00	57840.00	57775.10	39.30
800.00	580.00	57840.00	57799.00	23.90
800.00	600.00	57840.00	57851.10	62.10
800.00	620.00	57840.00	57813.20	-47.30

800.00	640.00	57840.00	57940.70	127.50
800.00	660.00	57840.00	57948.10	-234.60
800.00	680.00	57840.00	57974.00	227.90
800.00	700.00	57840.00	57908.20	-88.80
850.00	.00	57840.00	57834.90	.00
850.00	20.00	57840.00	57779.80	-65.10
850.00	40.00	57840.00	57888.70	108.90
850.00	60.00	57840.00	57854.70	-29.00
850.00	80.00	57840.00	57897.00	42.30
850.00	100.00	57840.00	57891.00	-6.00
850.00	120.00	57840.00	57840.50	-50.50
850.00	140.00	57840.00	57800.00	-40.50
850.00	160.00	57840.00	57799.90	-.10
850.00	180.00	57840.00	57886.30	86.40
850.00	200.00	57840.00	57862.20	-24.10
850.00	220.00	57840.00	57757.30	-104.90
850.00	240.00	57840.00	57811.60	54.30
850.00	260.00	57840.00	57786.00	-25.60
850.00	280.00	57840.00	57774.90	-11.10
850.00	300.00	57840.00	57778.10	3.20
850.00	320.00	57840.00	57798.90	20.80
850.00	340.00	57840.00	57803.80	4.90
850.00	360.00	57840.00	57799.20	-4.60
850.00	380.00	57840.00	57742.20	-57.00
850.00	400.00	57840.00	57785.60	53.40
850.00	420.00	57840.00	57667.60	-123.00
850.00	440.00	57840.00	57658.80	-10.80
850.00	460.00	57840.00	58104.70	447.90
850.00	480.00	57840.00	57723.90	-380.80
850.00	500.00	57840.00	57784.20	60.30
850.00	520.00	57840.00	57787.80	-16.40
850.00	540.00	57840.00	57728.10	-42.70
850.00	560.00	57840.00	57807.20	82.10
850.00	580.00	57840.00	57753.70	-53.50
850.00	600.00	57840.00	57800.90	47.20
850.00	620.00	57840.00	57912.70	111.80
850.00	640.00	57840.00	57855.70	-57.00
850.00	660.00	57840.00	57663.70	-192.00
850.00	680.00	57840.00	57838.40	-4.30
850.00	700.00	57840.00	57674.80	18.40
900.00	420.00	57840.00	57740.00	.00
900.00	440.00	57840.00	57678.30	-61.70
900.00	460.00	57840.00	57824.10	145.80
900.00	480.00	57840.00	57818.90	-5.20
900.00	500.00	57840.00	57825.30	6.30
900.00	520.00	57840.00	57787.10	-38.70
900.00	540.00	57840.00	57768.20	-21.90
900.00	560.00	57840.00	57805.10	39.90
900.00	580.00	57840.00	57707.60	-67.50
900.00	600.00	57840.00	57869.10	161.50
900.00	620.00	57840.00	57743.70	-125.40
900.00	640.00	57840.00	57707.20	-36.50
900.00	660.00	57840.00	57878.40	171.20
900.00	680.00	57840.00	57850.00	-228.40
900.00	700.00	57840.00	57866.10	216.10

900.00	.00	57840.00	57852.20	.00
900.00	20.00	57840.00	57765.90	-87.40
900.00	40.00	57840.00	57794.50	19.50
900.00	60.00	57840.00	57822.20	97.70
900.00	80.00	57840.00	57850.70	4.50
900.00	100.00	57840.00	57820.10	-66.60
900.00	120.00	57840.00	57646.20	-173.90
900.00	140.00	57840.00	57827.80	191.60
900.00	160.00	57840.00	57763.10	-54.70
900.00	180.00	57840.00	57760.60	-2.30
900.00	200.00	57840.00	57759.20	3.40
900.00	220.00	57840.00	57770.00	.90
900.00	240.00	57840.00	57814.70	44.70
900.00	260.00	57840.00	57793.40	-16.30
900.00	280.00	57840.00	57743.00	-55.40
900.00	300.00	57840.00	57739.90	-3.10
900.00	320.00	57840.00	57838.40	98.50
900.00	340.00	57840.00	57776.30	-62.10
900.00	360.00	57840.00	57739.70	-36.60
900.00	380.00	57840.00	57723.70	-16.00
900.00	400.00	57840.00	57821.50	197.80
950.00	.00	57840.00	57851.20	.00
950.00	20.00	57840.00	57771.90	-79.40
950.00	40.00	57840.00	57885.80	-86.00
950.00	60.00	57840.00	57761.40	75.50
950.00	80.00	57840.00	57799.10	37.70
950.00	100.00	57840.00	57795.90	-3.20
950.00	120.00	57840.00	57737.70	-58.20
950.00	140.00	57840.00	57838.70	101.00
950.00	160.00	57840.00	57966.00	127.30
950.00	180.00	57840.00	57968.10	2.10
950.00	200.00	57840.00	57660.10	-300.00
950.00	220.00	57840.00	57646.10	-22.00
950.00	240.00	57840.00	57791.20	145.10
950.00	260.00	57840.00	57398.90	107.70
950.00	280.00	57840.00	57854.40	-44.50
950.00	300.00	57840.00	57709.80	-144.60
950.00	320.00	57840.00	57739.10	29.30
950.00	340.00	57840.00	57760.20	21.10
950.00	360.00	57840.00	57684.30	-75.90
950.00	380.00	57840.00	57922.10	237.80
950.00	400.00	57840.00	57663.20	-258.90
950.00	420.00	57840.00	57626.60	-36.60
950.00	440.00	57840.00	57764.20	137.60
950.00	460.00	57840.00	57813.00	48.20
950.00	480.00	57840.00	57767.10	-45.90
950.00	500.00	57840.00	57872.80	105.70
950.00	520.00	57840.00	57746.60	-126.20
950.00	540.00	57840.00	57784.30	37.70
950.00	560.00	57840.00	57861.60	77.30
950.00	580.00	57840.00	57899.10	37.50
950.00	600.00	57840.00	57840.90	-58.20
950.00	620.00	57840.00	57771.00	-69.90
950.00	640.00	57840.00	57730.40	9.40
950.00	660.00	57840.00	57577.40	-202.00

550.00	550.00	57840.00	57839.10	261.70
550.00	700.00	57840.00	57631.50	-207.50
1000.00	.00	57840.00	57811.10	.00
1000.00	20.00	57840.00	57859.80	47.70
1000.00	40.00	57840.00	57859.50	.30
1000.00	60.00	57840.00	57794.00	-65.90
1000.00	80.00	57840.00	57784.10	-9.90
1000.00	100.00	57840.00	57829.30	45.20
1000.00	120.00	57840.00	57747.20	-82.10
1000.00	140.00	57840.00	57892.80	145.60
1000.00	160.00	57840.00	57939.20	46.40
1000.00	180.00	57840.00	58092.20	153.00
1000.00	200.00	57840.00	57970.80	-121.40
1000.00	220.00	57840.00	58073.70	102.90
1000.00	240.00	57840.00	58158.00	94.30
1000.00	260.00	57840.00	57916.90	-251.10
1000.00	280.00	57840.00	58057.30	140.40
1000.00	300.00	57840.00	58150.70	103.40
1000.00	320.00	57840.00	58097.70	-63.00
1000.00	340.00	57840.00	57827.00	-270.70
1000.00	360.00	57840.00	58099.10	272.10
1000.00	380.00	57840.00	57937.50	-161.60
1000.00	400.00	57840.00	57423.90	-503.60
1000.00	420.00	57840.00	57754.20	325.30
1000.00	440.00	57840.00	57910.20	156.00
1000.00	460.00	57840.00	57863.40	-46.80
1000.00	480.00	57840.00	57815.10	-47.20
1000.00	500.00	57840.00	57749.00	-87.10
1000.00	520.00	57840.00	57767.00	18.00
1000.00	540.00	57840.00	57798.10	31.10
1000.00	560.00	57840.00	57907.40	109.30
1000.00	580.00	57840.00	57900.90	-6.50
1000.00	600.00	57840.00	57815.90	-84.00
1000.00	620.00	57840.00	57679.20	-137.70
1000.00	640.00	57840.00	57731.00	51.50
1000.00	660.00	57840.00	57685.30	-45.70
1000.00	680.00	57840.00	57763.70	79.40
1000.00	700.00	57840.00	57995.00	151.30
1050.00	.00	57840.00	57792.70	.00
1050.00	20.00	57840.00	57832.60	34.90
1050.00	40.00	57840.00	57858.00	24.40
1050.00	60.00	57840.00	57811.50	-46.50
1050.00	80.00	57840.00	57840.30	29.40
1050.00	100.00	57840.00	57830.00	-10.90
1050.00	120.00	57840.00	57875.80	45.80
1050.00	140.00	57840.00	57817.90	-53.00
1050.00	160.00	57840.00	58110.60	292.80
1050.00	180.00	57840.00	58066.40	-44.20
1050.00	200.00	57840.00	57933.30	-133.10
1050.00	220.00	57840.00	57867.90	-65.50
1050.00	240.00	57840.00	57948.40	80.60
1050.00	260.00	57840.00	57888.00	-50.40
1050.00	280.00	57840.00	57952.50	64.50
1050.00	300.00	57840.00	57767.70	-184.90
1050.00	320.00	57840.00	57714.50	-32.90

1050.00	240.00	57840.00	57877.30	-36.30
1050.00	320.00	57840.00	57884.30	8.30
1050.00	380.00	57840.00	57891.30	-202.30
1050.00	400.00	57840.00	57722.90	241.00
1050.00	420.00	57840.00	57821.40	30.30
1050.00	440.00	57840.00	57844.10	22.70
1050.00	460.00	57840.00	57754.20	-59.90
1050.00	480.00	57840.00	57902.60	148.40
1050.00	500.00	57840.00	57751.30	-151.10
1050.00	520.00	57840.00	57771.20	19.70
1050.00	540.00	57840.00	57753.30	-17.70
1050.00	560.00	57840.00	57730.30	-23.00
1050.00	580.00	57840.00	57939.40	208.90
1050.00	600.00	57840.00	57692.60	-246.80
1050.00	620.00	57840.00	57798.00	105.40
1050.00	640.00	57840.00	57731.30	-66.70
1050.00	660.00	57840.00	57726.10	-5.20
1050.00	680.00	57840.00	57835.30	109.20
1050.00	700.00	57840.00	57978.00	142.70
1100.00	.00	57840.00	57858.60	.00
1100.00	20.00	57840.00	57746.00	-112.60
1100.00	40.00	57840.00	57811.60	63.60
1100.00	50.00	57840.00	58015.90	204.30
1100.00	50.00	57840.00	57922.30	-93.30
1100.00	100.00	57840.00	58002.10	79.80
1100.00	120.00	57840.00	57936.90	-65.20
1100.00	140.00	57840.00	58019.60	91.70
1100.00	160.00	57840.00	58019.00	.40
1100.00	180.00	57840.00	57927.10	-91.90
1100.00	200.00	57840.00	57870.90	-69.20
1100.00	220.00	57840.00	57888.10	17.20
1100.00	240.00	57840.00	57910.00	21.90
1100.00	250.00	57840.00	57860.40	-49.60
1100.00	280.00	57840.00	57732.00	-128.40
1100.00	300.00	57840.00	57905.30	173.30
1100.00	320.00	57840.00	57778.30	-127.00
1100.00	340.00	57840.00	57736.20	-42.10
1100.00	360.00	57840.00	57829.30	-106.90
1100.00	380.00	57840.00	57859.70	20.40
1100.00	400.00	57840.00	57787.90	108.20
1100.00	420.00	57840.00	57663.00	-104.30
1100.00	440.00	57840.00	57777.30	114.30
1100.00	460.00	57840.00	57840.80	63.50
1100.00	480.00	57840.00	57787.20	-53.60
1100.00	500.00	57840.00	57775.10	-12.10
1100.00	520.00	57840.00	57818.00	42.90
1100.00	540.00	57840.00	57722.30	-95.20
1100.00	560.00	57840.00	57791.30	68.70
1100.00	580.00	57840.00	57841.40	49.90
1100.00	600.00	57840.00	57725.20	-116.20
1100.00	620.00	57840.00	57784.60	59.40
1100.00	640.00	57840.00	57722.70	-61.90
1100.00	650.00	57840.00	57807.80	95.10
1100.00	680.00	57840.00	57731.70	-76.10
1100.00	700.00	57840.00	57798.40	66.70

**APPENDIX III**  
**COST STATEMENT**

**COST STATEMENT**  
**BNE**  
**APRIL 1 TO DECEMBER 31, 1987**

Fees	1,672.00
Temporary Staff	43,210.00
Casual Staff	0
Air fares - scheduled	1,081.83
Rental vehicles - casual	4,240.19
Vehicle repairs & maint.	95.99
Fuels & lubricants - vehicles	1,133.14
Term charter aircraft-helicop.	943.20
Taxis, parking, fares	248.65
Freight	323.15
Term charter aircraft	50.00
M.O. equipment charges - field	2,312.00
Equipment rentals	1,807.32
Groceries, kitchen supplies	881.20
Food, accommodation - in field	6,397.25
General supplies	1,598.12
Analyses	12,234.23
Claim, record & renewal fees	2,881.67
Telephone/telex/telegrams	232.52
Courier/postage/air express	222.19
Drafting	696.25
Reprographics in-house	92.17
Reprographics	317.27
Photocopies in-house	84.47
Reports/public. purchased	61.48
Rept. prep./word processing	105.00
Entertainment	37.79
Disbursement O/R	3,548.34
	<hr/>
	86,507.42
	<hr/> <hr/>



**COST STATEMENT**  
**BNE**  
APRIL 1 TO DECEMBER 31, 1987

**FEES**

<u>NAME</u>	<u>HOURS</u>	<u>RATE</u>	<u>TOTAL</u>
A.W. Gourlay	9.25	64.00	\$ 592.00
R.V. Longe	13.0	80.00	1,040.00
G.R. Peatfield	0.5	80.00	40.00
			<u>\$ 1,672.00</u>

**TEMPORARY STAFF**

<u>NAME</u>	<u>DY/HR</u>	<u>RATE</u>	<u>TOTAL</u>
L. Allen	7.0 days	185.00	\$ 1,295.00
K. Bilquist	7.0 days	135.00	945.00
R. Bilquist	7.0 days	185.00	1,295.00
M. Kilby	18.0 days	185.00	3,330.00
L. Lee	61.75 hours	32.00	1,976.00
M. Lefevbre	23.5 days	135.00	3,172.50
J. McClintock	14.5 days	485.00	7,032.50
	12.0 hours	80.00	960.00
B. McGuigan	1.0 day	185.00	185.00
	23.5 days	135.00	3,172.50
W. McLean	1.0 hour	16.00	16.00
K. Miller	29.5 days	185.00	5,457.50
D. O'Brien	11.0 days	135.00	1,485.00
J. Parker	6.5 days	135.00	877.50
J. Porter	15.0 days	135.00	2,025.00
C. Russell	20.25 hours	24.00	486.00
	39.25 hours	32.00	1,256.00
	0.5 days	235.00	117.50
C. Stanford	4.0 days	435.00	1,740.00
K. Stobbart	12.75 hours	24.00	306.00
G. Vernon	19.0 days	135.00	2,565.00
Z. Zuk	19.0 days	185.00	3,515.00
			<u>\$ 43,210.00</u>

**APPENDIX IV**  
**STATEMENT OF QUALIFICATIONS**

STATEMENT OF QUALIFICATIONS

I John A. McClintock, do hereby certify:

- 1) That I am a consulting geologist with offices at 32841 Ashley Way, Abbotsford, B.C.
- 2) That I am a graduate of the University of British Columbia, B.Sc. Geology 1973, and have practiced my profession with various mining and/or exploration companies and as an independent geological consultant since graduation.
- 3) That I am a Professional Engineer registered with Association of Professional Engineers in the Province of British Columbia.
- 4) That I am author of this report that is based on geological mapping, geochemical sampling, and geophysical surveying conducted on the Bonaparte property during the period August 24th, 1987 to November 24, 1987.

Dated at Vancouver, British Columbia  
this \_\_\_\_ day of \_\_\_\_\_, 1988

signature on file

\_\_\_\_\_  
John A. McClintock, B.Sc., P.Eng.

**APPENDIX V**  
**STATEMENTS OF EXPLORATION AND DEVELOPMENT**



NOV 13 1987

MINERAL ACT

M.R.# ..... \$ .....

STATEMENT OF EXPLORATION AND DEVELOPMENT

Charles M. Russell
(Name)
500-164 Water Street
(Address)
Vancouver, B.C.
V6B 1B5 (604) 669-2251
(Postal Code) (Telephone Number)
298028
Valid subsisting F.M.C. No.

MineQuest Exploration Associates Ltd.
(Name)
500-164 Water Street
(Address)
Vancouver, B.C.
V6B 1B5 (604) 669-2251
(Postal Code) (Telephone Number)
296272
Valid subsisting F.M.C. No.

STATE THAT

1. I have done, or caused to be done, work on the Stob 1, Stob 2, Stob 3, Stob 4, Bob 151, Bob 152
Record No.(s) 6880, 6881, 6882, 6883, 6878, 6879
Situates at 30km north of Kamloops in the Kamloops Mining Division
to the value of at least \$ 13,524 9200 Cost dollars. Work was done from the 1st day of January 19 87 to the 13th day of November 19 87

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL

(Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)

Table with 2 columns: Description (with dotted lines) and COST

I wish to apply \$ ..... of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

B. PROSPECTING

(Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

Table with 2 columns: Description (with dotted lines) and COST

I wish to apply \$ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

**C. DRILLING**

(Details in report submitted as per section B of regulations.)  
(The itemized cost statement must be part of the report.)

COST

**D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL**

(Details in report submitted as per section B, 6, or 7 of regulations.)  
(The itemized cost statement must be part of the report.)  
(State type of work in space below.)

Airborne Geophysical Survey *	\$ 13,524 92.00 cur.
* REPORT SUBMITTED 11 JULY 1987	
<b>TOTAL OF C AND D</b>	\$ 13,524 92.00 cur.

Who was the operator (provided the financing)?

Name Inter-Pacific Resource Corp.  
Address 500-164 Water Street  
Vancouver, B.C., V6B 1B5

**Portable Assessment Credits (PAC) Withdrawal Request**

Amount to be withdrawn from owner(s) or operator(s) account(s):

Name of Owner	AMOUNT
1. ....	
2. ....	
3. ....	
4. ....	
<b>TOTAL WITHDRAWAL</b>	0
<b>TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL</b>	\$ 13,524 92.00 cur.

I wish to apply \$ 9,200 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

Claim	Record #	Month Due	Units	Work Applied*	Excess Work*	Years Earned
✓ Stob 1	6880	December	15	only 2,285 1500	705	1 *WORK DONE ON ALL CLAIMS
✓ Stob 2	6881	December	12	only 1,764 1200	564	1
✓ Stob 3	6882	December	16	only 2,352 1600	752	1
✓ Stob 4	6883	December	20	only 2,940 2000	940	1
✓ Bob 151	6878	December	20	only 2,940 2000	940	1
✓ Bob 152	6879	December	09	only 1,323 900	423	1

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

Name	AMOUNT
In owner(s) name:	
1. ....	
2. ....	
3. ....	
In operator(s) name (party providing the financing):	
1. <u>Inter-Pacific Resource Corp.</u>	\$ 4,324 cur.
2. ....	
3. ....	

*Charles Russell*

(Signature of Applicant)



**C. DRILLING**

(Details in report submitted as per section 8 of regulations.)  
(The itemized cost statement must be part of the report.)

COST

**D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL**

(Details in report submitted as per section 5, 6, or 7 of regulations.)  
(The itemized cost statement must be part of the report.)  
(State type of work in space below.)

Airborne Geophysical Survey *	\$ 4,551 6200 <i>cont.</i>
* REPORT SUBMITTED 11 JULY 1987	
<b>TOTAL OF C AND D</b>	\$ 4,551 6200 <i>cont.</i>

Who was the operator (provided the financing)?

Name Inter-Pacific Resource Corp.  
Address 500-164 Water Street  
Vancouver, B.C., V6B 1B5

**Portable Assessment Credits (PAC) Withdrawal Request**

Amount to be withdrawn from owner(s) or operator(s) account(s):

Name of Owner	AMOUNT
1. ....	
2. ....	
3. ....	
4. ....	
<b>TOTAL WITHDRAWAL</b>	0
<b>TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL</b>	\$ 4,551 6200 <i>cont.</i>

I wish to apply \$ 3,100 6200 cont. of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

Claim	Record #	Month Due	Units	Work Applied	Excess Work	Years Earned
Bob 43/	6433	November	06	<i>cont.</i> 882 1200	282	<i>cont.</i> 1
Bob 45/	6435	November	15	<i>cont.</i> 2,285 3000	705	1
Bob 46/	6436	November	10	<i>cont.</i> 1,470 2000	470	1

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

Name	AMOUNT
In owner(s) name:	
1. ....	
2. ....	
3. ....	
In operator(s) name (party providing the financing):	
1. <u>Inter-Pacific Resource Corp.</u>	\$ 1,451 <i>cont.</i>
2. ....	
3. ....	

*Charles Russell*  
(Signature of Applicant)













<b>C. DRILLING</b> (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)		COST
<b>D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL</b> (Details in report submitted as per section 8, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)		
Airborne Geophysical Surveys *		\$ 4,545 3500 <i>Concl.</i>
* REPORT SUBMITTED 11 JULY, 1987		
TOTAL OF C AND D		\$ 4,545 3500 <i>Concl.</i>

Who was the operator (provided the financing)?

Name Inter-Pacific Resource Corp.  
 Address 500-164 Water Street  
 Vancouver, B.C., V6B 1B5

Portable Assessment Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s):		
Name of Owner		
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1. ....	.....
	2. ....	.....
	3. ....	.....
	4. ....	.....
TOTAL WITHDRAWAL		.....
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL		\$ 4,545 3500 <i>Concl.</i>

I wish to apply \$ 3,500 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

Claim	Record #	Month Due	Units	Work Applied	Excess Work	Years Earned
Bob 41	6431	November	20	<i>Concl. 2,640 2,000</i>	640	1
Bob 42	6432	November	<i>Concl. 15</i>	<i>1,905 1,500</i>	405	1

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

		Name	AMOUNT
In owner(s) name.	1. ....	.....	.....
	2. ....	.....	.....
	3. ....	.....	.....
In operator(s) name (party providing the financing).	1.	<del>Inter-Pacific Resource Corp.</del>	\$ 1,045 <i>Concl.</i>
	2. ....	.....	.....
	3. ....	.....	.....

*Charles Russell*  
 (Signature of Applicant)

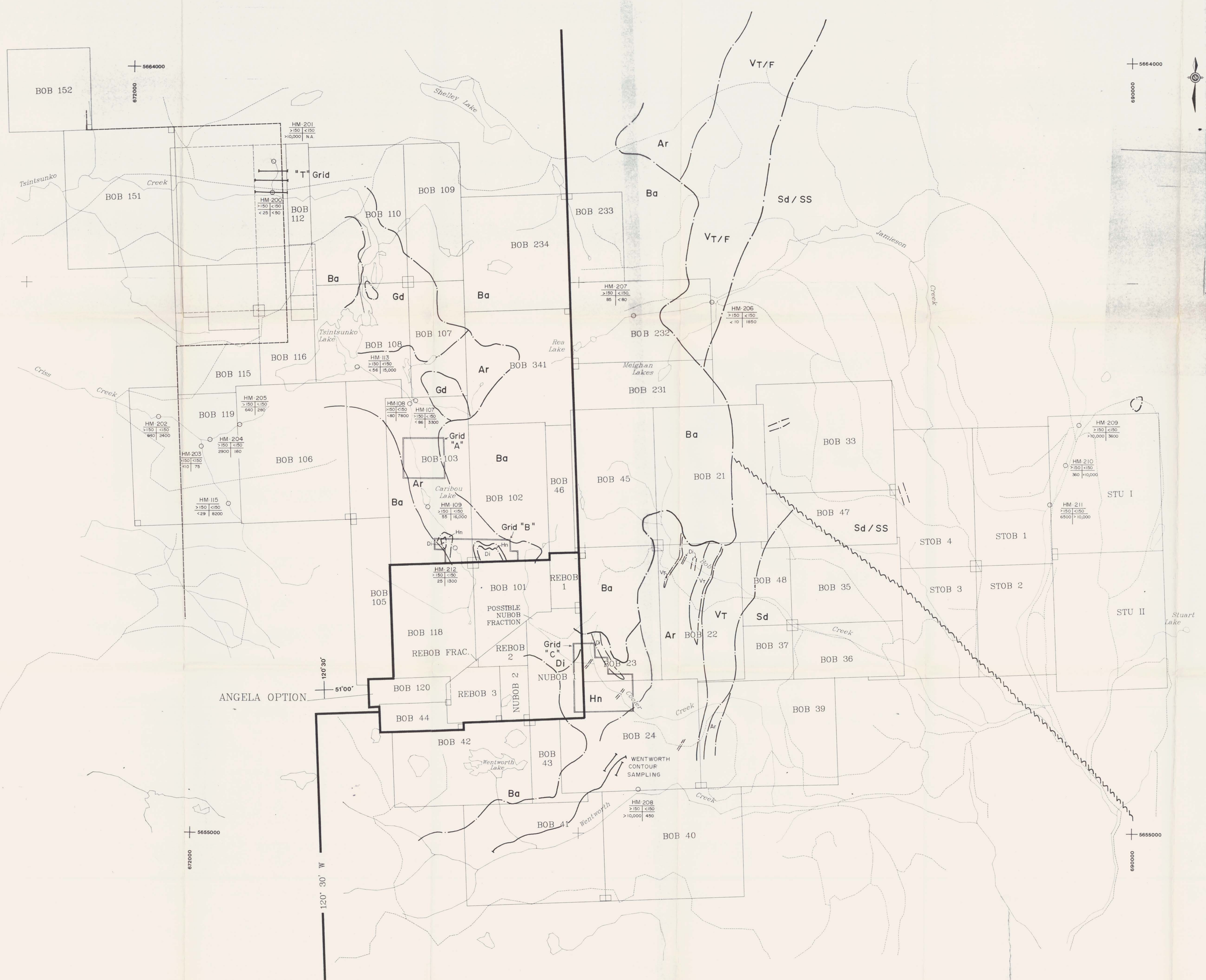












**LEGEND**

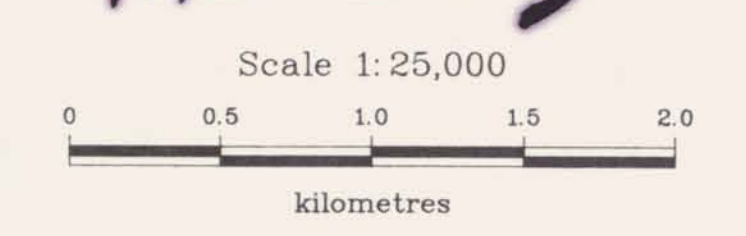
- Ba — Basalt
- Di — Diorite
- Sd — Greywacke, siltstone
- Vt/F — Andesitic tuffs / flows
- Ar — Phyllitic argillite
- — Outcrop
- — Geological contact
- — Fault

HM 306  
 >150 <150  
 Au (ppb) +150 and -150 fractions

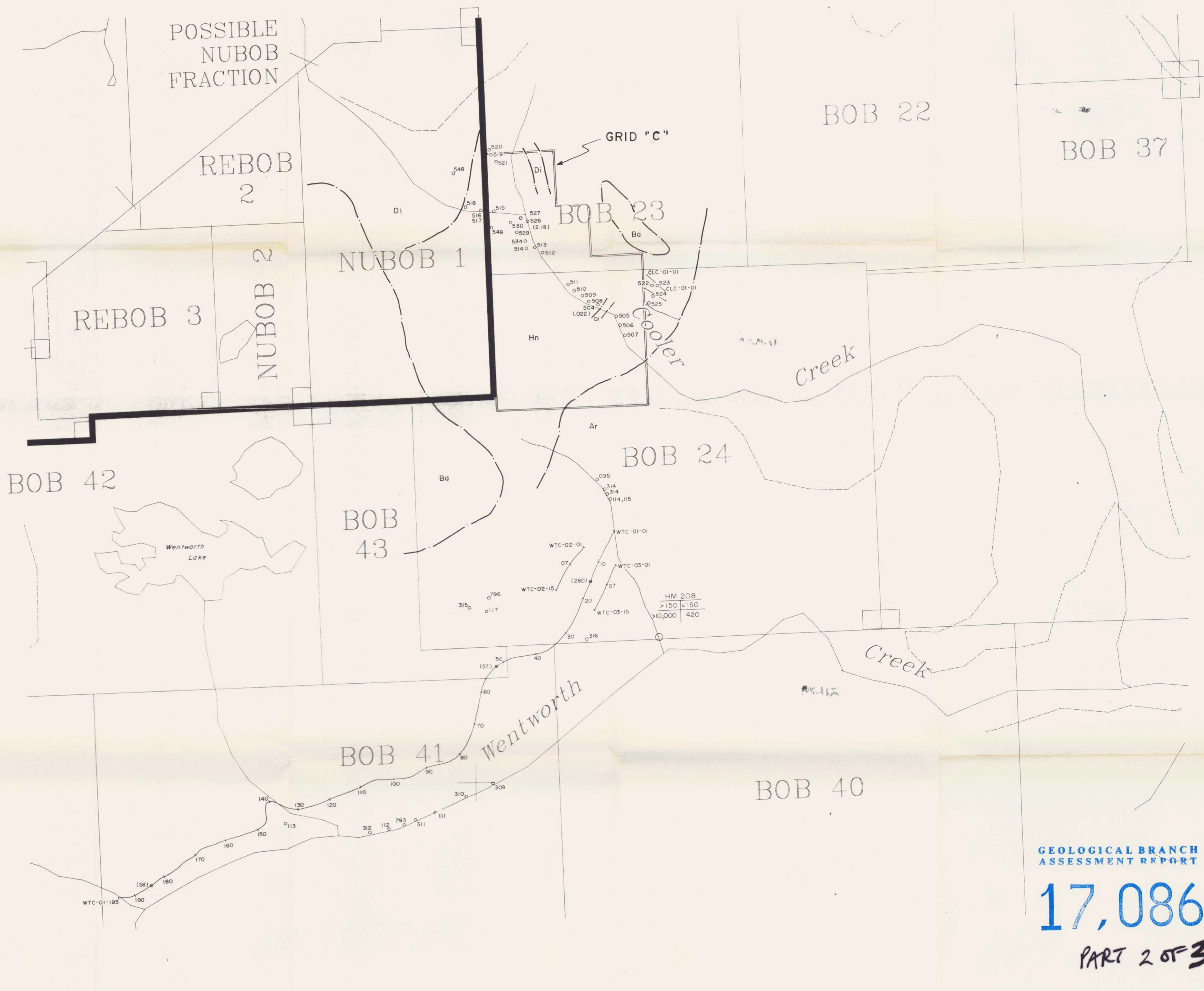
GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

**17,086**

PART 2 OF 3



INTER-PACIFIC RESOURCE CORP. ANGELA DEVELOPMENTS LTD. GALLANT GOLD MINES LTD. GABRIEL RESOURCES INC.				
BONAPARTE PROPERTY				
GEOLOGY COMPILATION				
Originator	Drawn	Date	PLAN No.	FIGURE
Original	Geo-Comp		1181	2
Revision			N.T.S.	
Revision			92LP	
MINEQUEST EXPLORATION ASSOCIATES LTD.				



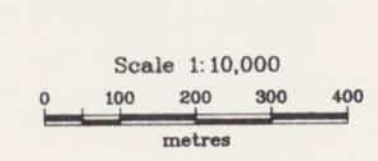
COOLER CREEK AREA

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

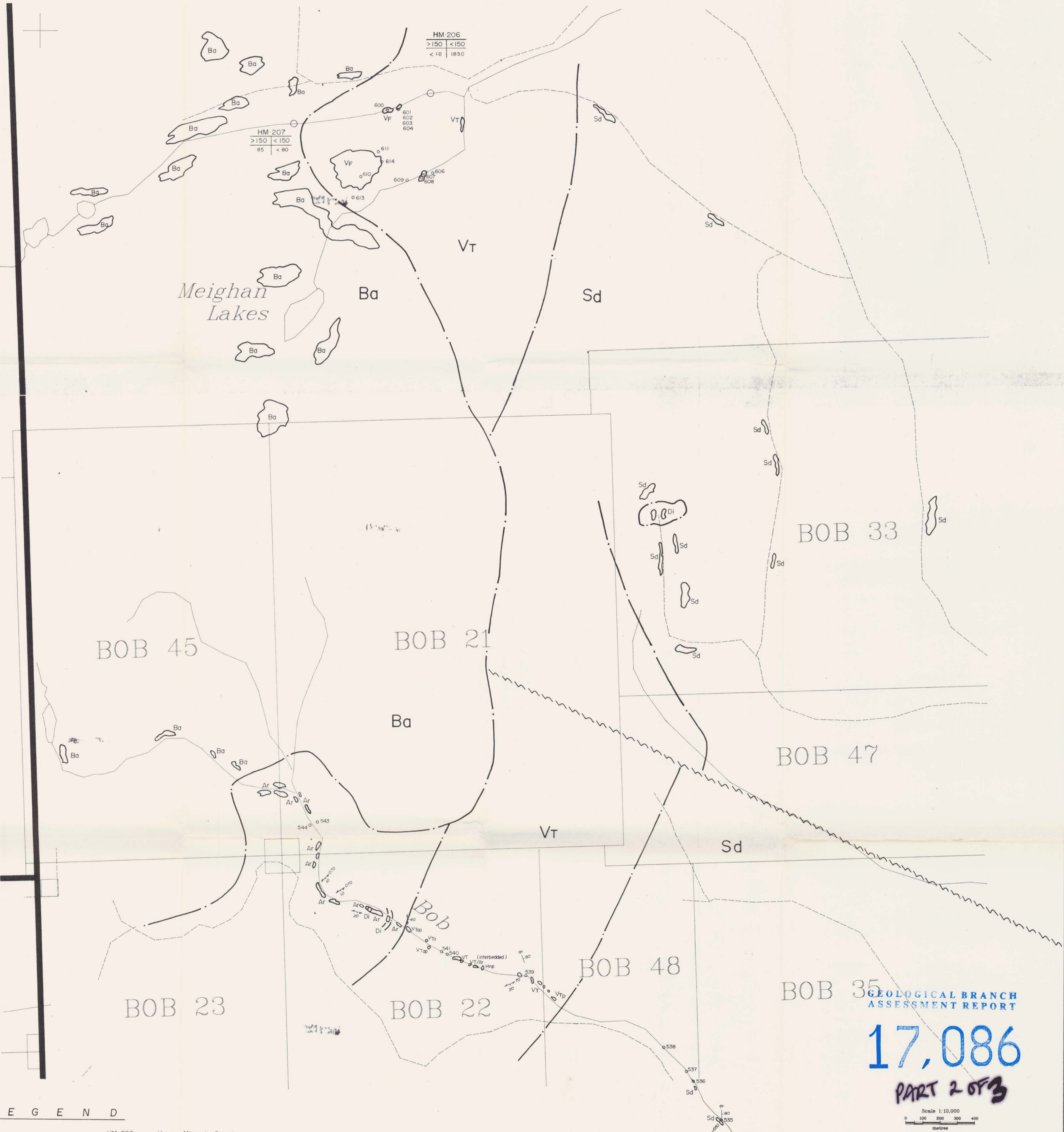
17,086

PART 2 OF 3

- Ba — Tertiary basalt
  - Di — Diorite
  - Hn — Biotite hornfels
  - Ar — Phyllitic argillite
  - Geological contact
  - Road
  - Stream, creek
- Rock sample location  
(Au in opt)  
Note all rock sample location numbers are prefixed "BP87"
- Contour soil lines
- Anomalous Au in Soil with value in ppb
- |        |         |      |
|--------|---------|------|
| HM-208 | >150    | <150 |
|        | >10,000 | 420  |
- Heavy Mineral Sample  
+150 fraction and -150 fraction  
Gold analysis in ppb



INTER-PACIFIC RESOURCE CORP.				
BONAPARTE - EAST				
COOLER CREEK AREA GEOLOGY and GEOCHEMISTRY				
Originator	Drawn	Date	PLAN No.	FIGURE
Revision	Geo-Comp	Nov.'87	1189	4
Revision			N.T.S. 92 I/P	
MINEQUEST EXPLORATION ASSOCIATES LTD.				



Meighan  
Lakes

HM-206  
>150 | <150  
<10 | 1850

HM-207  
>150 | <150  
85 | <80

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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PART 2 OF 3

Scale 1:10,000  
0 100 200 300 400  
metres

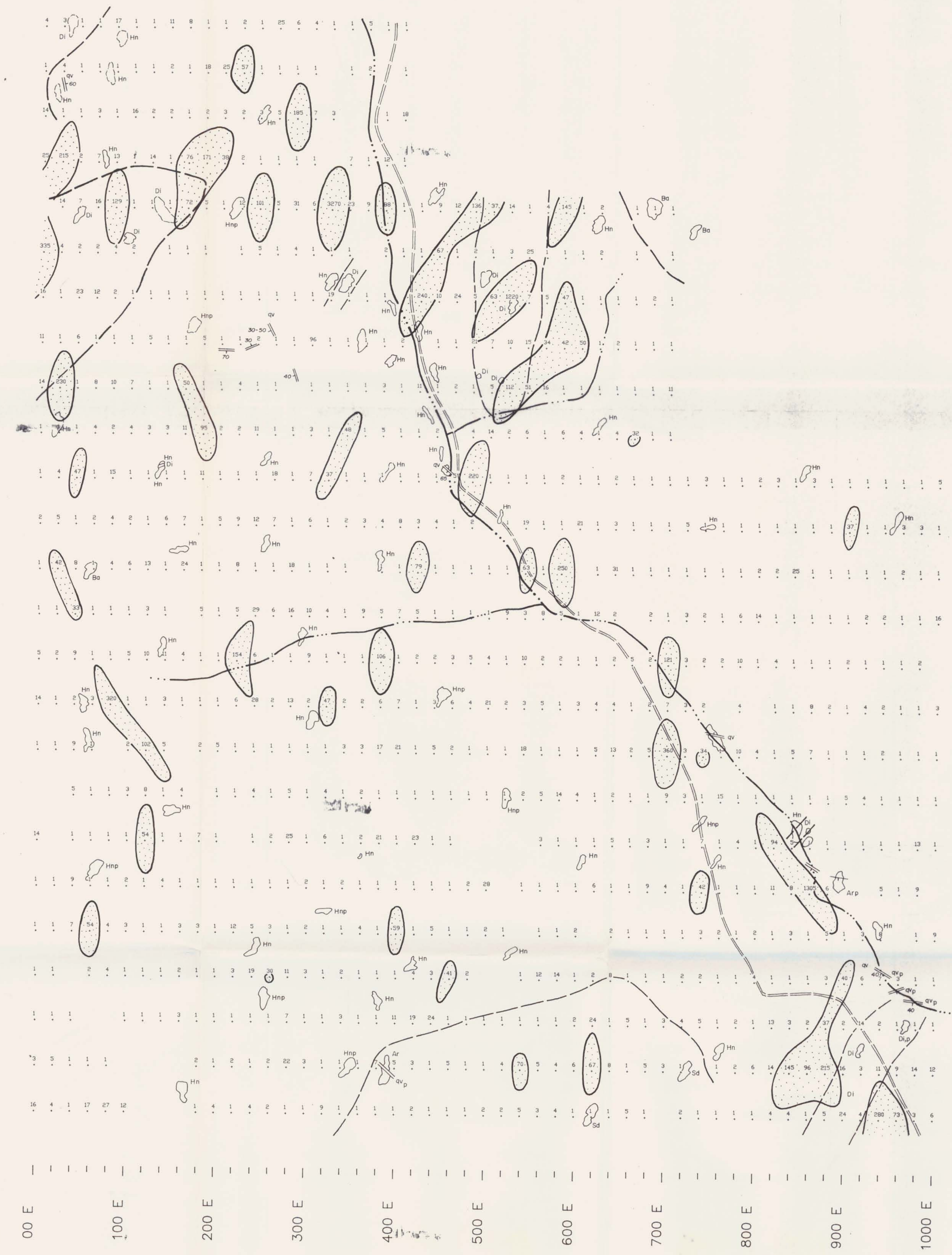
L E G E N D

- Ba — Basalt
- Di — Diorite
- Sd — Greywacke, siltstone
- VT/F — Andesitic tuffs / flows
- Ar — Phyllitic argillite
- — Heavy Mineral Sample Au (ppb) +150 and -150 fractions
- <sub>538</sub> — Rock Sample Location and Sample Number — all samples prefixed by BP 87.
- Outcrop
- Geological contact
- Fault
- Strike / Dip Bedding
- Strike / Dip Foliation
- Quartz Vein - Strike / Dip

RAE-BOB AREA

INTER-PACIFIC RESOURCE CORP.				
BONAPARTE - EAST				
RAE - BOB AREA				
GEOLOGY and GEOCHEMISTRY				
Original	Originator	Drawn	Date	PLAN No.
Revision	AWG	Geo-Comp	Nov. '87	1190
Revision	JAMC		Dec '87	N.T.S.
				921/P
				FIGURE
				5
MINEQUEST EXPLORATION ASSOCIATES LTD.				





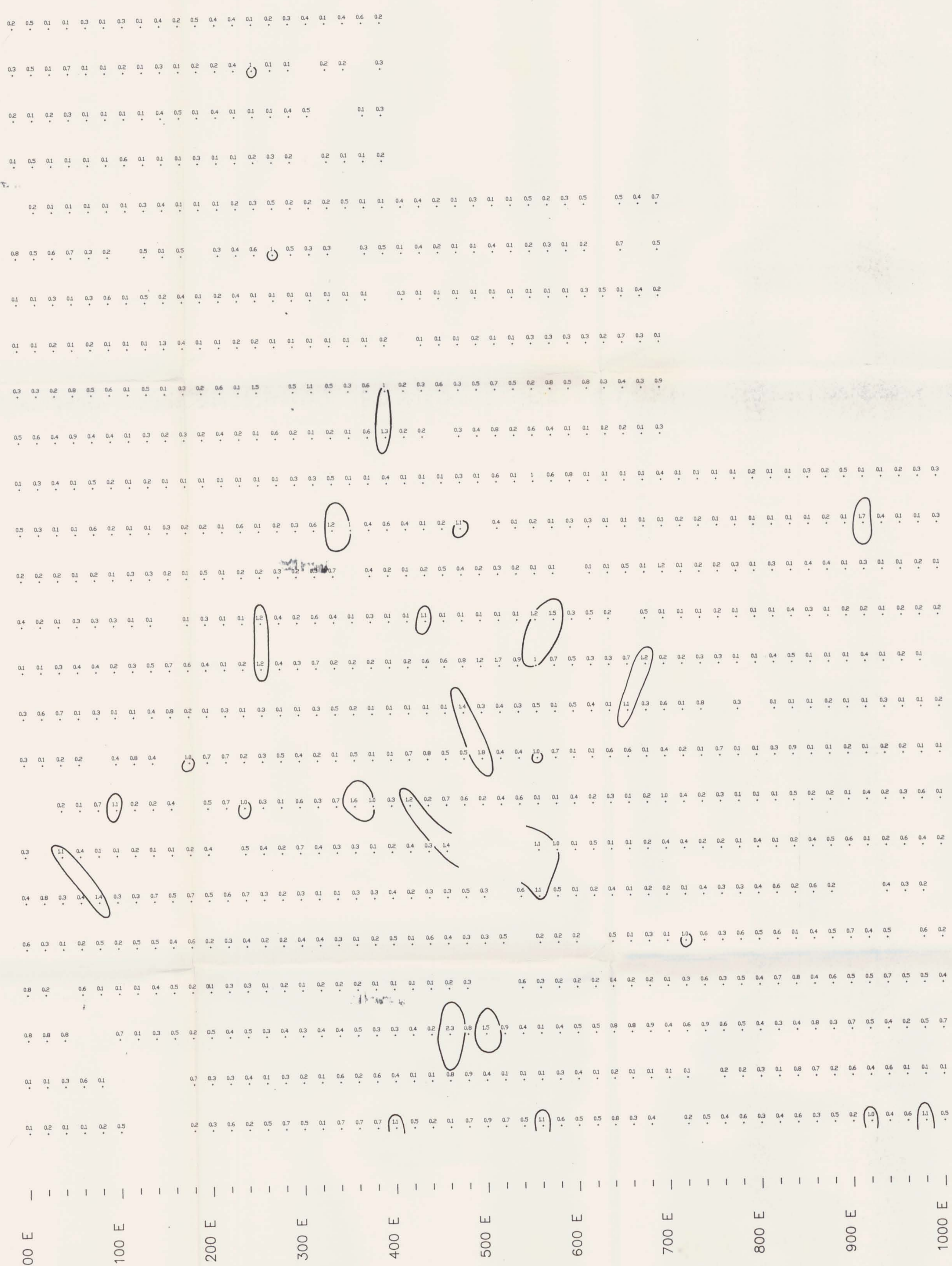
1200 N  
1000 N  
800 N  
600 N  
400 N  
200 N  
00 N

00 E 100 E 200 E 300 E 400 E 500 E 600 E 700 E 800 E 900 E 1000 E

GEOLOGICAL BRANCH  
ASSESSMENT REPORT  
**17,086**  
PART 2 OF 3  
SCALE 1:2500  
0 50 100 150 200  
metres

- Di — Diorite
- Hn — Biotite hornfels
- Sd — Siltstone
- Ar — Argillite
- p — Pyrite
- qv — Quartz vein, showing dip
- Geological contact
- Rock outcrop
- ==== Trail
- Creek
- 5 Gold (ppb)
- Anomalous Gold  $\geq 30$  ppb

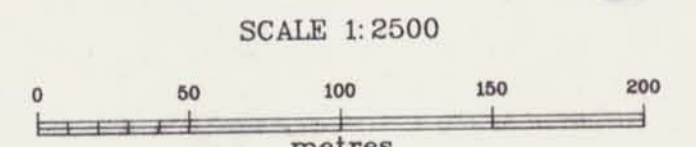
INTER-PACIFIC RESOURCE CORP.				
BONAPARTE EAST				
GEOLOGY and GEOCHEMISTRY (Gold)				
IDEALIZED GRID C				
	Originator	Drawn	Date	PLAN No.
Original		Geo-Comp	NOV '87	1192
Revision				N.T.S.
				921/P
FIGURE <b>7</b>				
MINEQUEST EXPLORATION ASSOCIATES LTD.				



1200 N  
—  
—  
—  
—  
—  
—  
1000 N  
—  
—  
—  
—  
—  
800 N  
—  
—  
—  
—  
—  
600 N  
—  
—  
—  
—  
—  
400 N  
—  
—  
—  
—  
—  
200 N  
—  
—  
—  
—  
—  
00 N

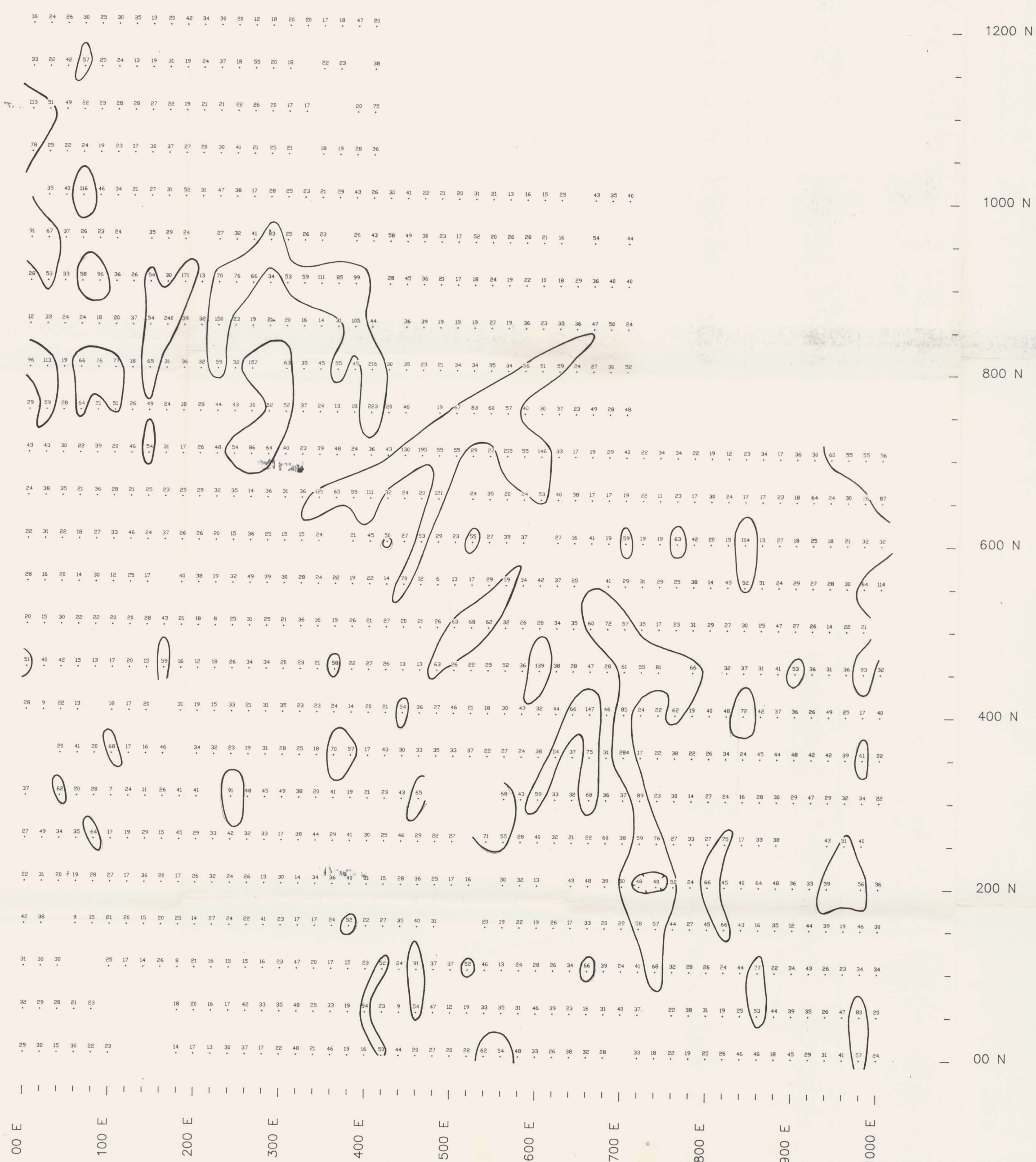
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**17,086**  
**PART 2 OF 3**



INTER-PACIFIC RESOURCE CORP. AND GABRIEL RESOURCES INC.				
BONAPARTE EAST - GRID C				
SOIL GEOCHEMISTRY SILVER				
	Originator	Drawn	Date	PLAN No.
Original		Geo-Comp	NOV. 87	1193
Revision				N.T.S.
Revision				921/P
				FIGURE
				8
MINEQUEST EXPLORATION ASSOCIATES LTD.				





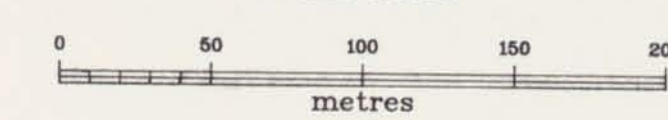
1200 N  
1000 N  
800 N  
600 N  
400 N  
200 N  
00 N

00 E 100 E 200 E 300 E 400 E 500 E 600 E 700 E 800 E 900 E 1000 E

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

17,086  
PART 2 OF 3

SCALE 1:2500



28  
Copper in ppm  
Anomalous Copper (≥ 50 ppm)

INTERPACIFIC RESOURCE CORP. AND GABRIEL RESOURCES INC.				
BONAPARTE EAST - GRID C				
SOIL GEOCHEMISTRY COPPER				
Originator	Drawn	Date	PLAN No.	FIGURE
Original	Geo-Comp	NOV '87	1194	9
Revision			N.T.S.	
Revision			921/P	
MINEQUEST EXPLORATION ASSOCIATES LTD.				