

BS-1185-14371
12/86

PHYSICAL, GEOPHYSICAL AND GEOCHEMICAL
REPORT ON THE BEACON GROUP
CASSIAR DISTRICT

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

LIARD MINING DIVISION, BRITISH COLUMBIA

14,371

OWNER: Erickson Gold Mining Corporation

OPERATOR: Erickson Gold Mining Corporation

WORK DONE ON: Otto 1 (20 units)
Kitt 1 (20 units)

WORK PERFORMED: 29 June - 3 September, 1985

LOCATED: NTS 104 P/4E, 104 P/5E
Latitude 59° 15'
Longitude 129° 35.5'
Northernmost Central British Columbia, Canada

FILMED

BY: Eric Dussell, Geologist; under the direction
of R. Somerville, P. Eng.

DATE: February 28, 1986

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES	
Rec'd	MAR 10 1986
SUBJECT	
FILE	
VANCOUVER, B.C.	

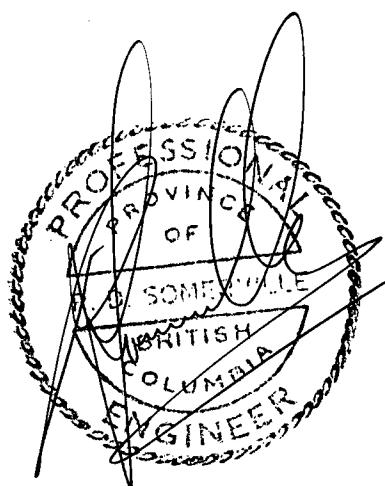


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APPENDIX I - Laboratory Procedure for Fire Assay Analysis

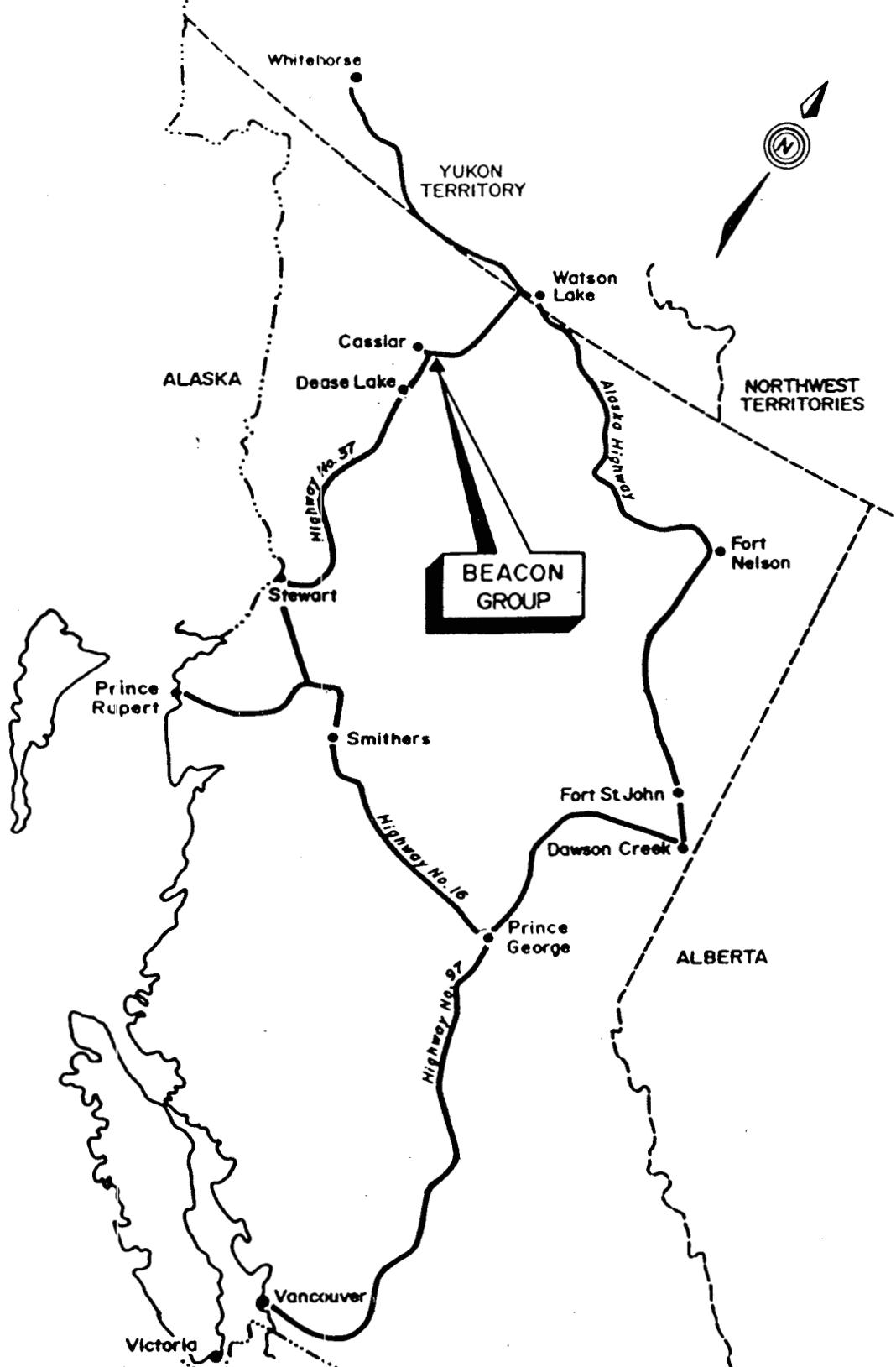
APPENDIX II - Assay Results

LIST OF MAPS

Map Number	Description	Scale
1	Grid Location	1:10,000
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4.L.1	Soil Geochemistry - Sample Location Numbers	1:1000
4.L.2	Soil Geochemistry - Gold	1:1000
4.L.3	Soil Geochemistry - Silver	1:1000
4.M.1	Soil Geochemistry - Sample Location Numbers	1:1000
4.M.2	Soil Geochemistry - Gold	1:1000
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17.Y.1	Soil Geochemistry - Sample Location Numbers	1:1000
17.Y.2	Soil Geochemistry - Gold	1:1000
17.Y.3	Soil Geochemistry - Silver	1:1000
4.L.4	Magnetometer Geophysical Survey - gradient	1:1000
4.M.4	" "	1:1000
4.Y.4	" "	1:1000
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4.M.5	" "	1:1000
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ERICKSON GOLD MINING CORP.

BEACON GROUP

INDEX MAP

FEBRUARY 28, 1986

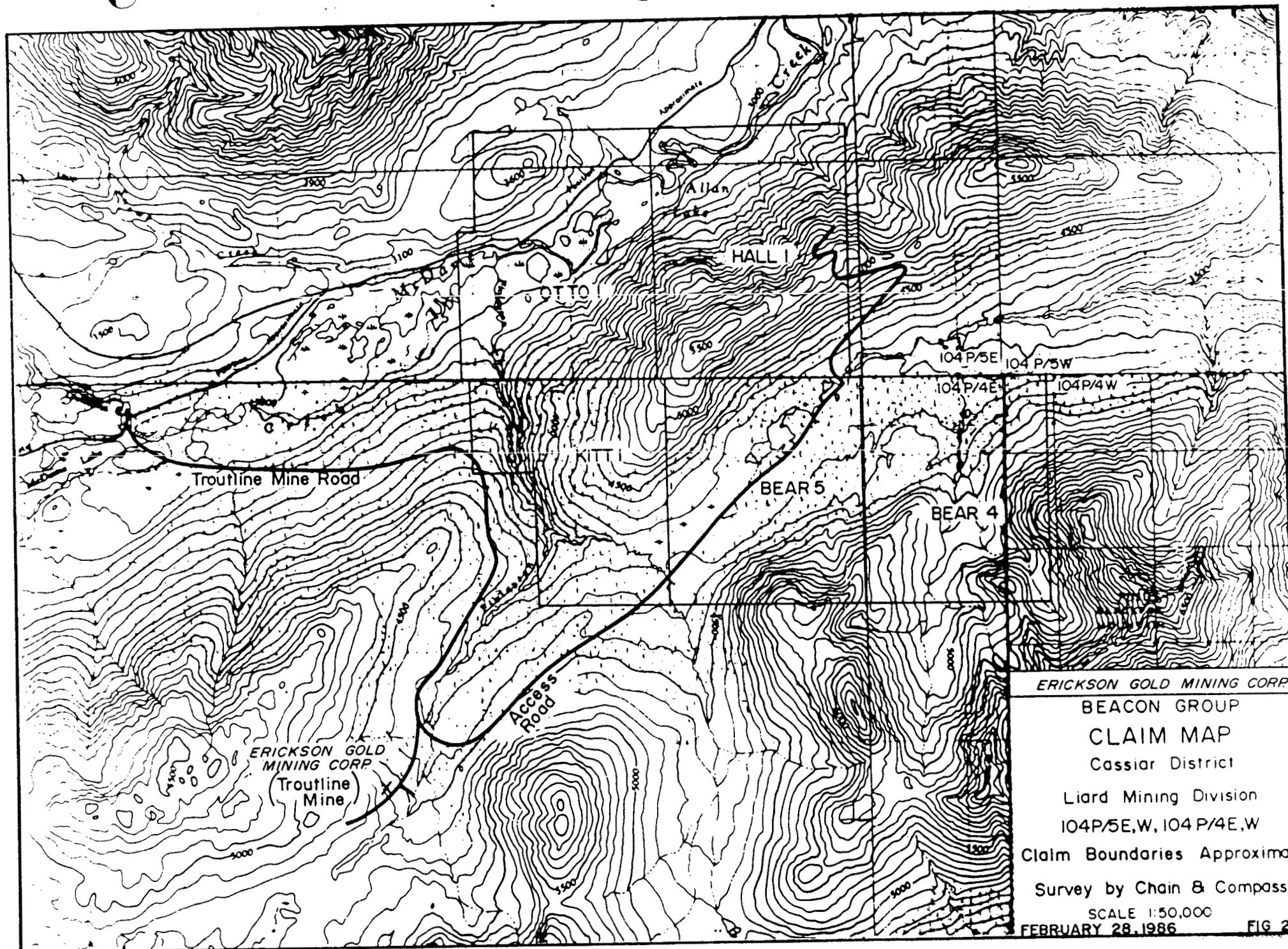
100 50 0 100 200 km

SCALE 1:7,500,000

FIGURE 1

1.0 CLAIM RECORD - Beacon Group

Claim Name	Record No.	Record Date	Owner	Units
Otto 1	1216	03/Mar/80	Erickson Gold Mining Corp.	20
Hall 1	1214	03/Mar/80	" "	"
Kitt 1	1217	26/Mar/80	" "	"
Bear 4	2899	08/Aug/83	" "	"
Bear 5	2900	08/Aug/83	" "	"



2.0 INTRODUCTION

An exploration program consisting of line cutting and grid establishment, geological mapping, geochemical soil sampling and a magnetometer survey was conducted on the Otto 1 and Kitt 1 claims of the Beacon Group during the 1985 field season. The purpose of this work was to locate gold and/or silver-bearing quartz veins within Sylvester Group metavolcanics. This report describes the methods and results of this project. Maps showing property location and program results are located in the back pocket.

3.0 PROPERTY LOCATION AND ACCESS

The Beacon Group claims are located approximately 17 kilometres east of Cassiar in northernmost central British Columbia (Figure 1). The northwest portion of the Otto 1 claim is transected by the Stewart-Cassiar highway 115 kilometres south of Watson Lake, Yukon Territory. The Troutline Mine haulroad provides four wheel drive access to the interior portions of the Kitt 1 claim.

The claims lie along the southeast margin of the Cassiar Mountains. The region is characterized by rugged topography with moderately high relief, and exhibits features typical of Alpine glaciation.

4.0 PROPERTY HISTORY

Initial interest in the area was instigated by the discovery of placer gold in McDame creek in 1874. During the next twenty years, over 68,000 ounces of gold were removed from local creeks and streams. The first hard rock claim in the area was staked in 1934 by J. F. Callison.

Erickson Mine, the first full-time producer of lode gold in the Cassiar District, began operation in 1978 at a milling rate of 100 tons/day. Erickson Mine and United Hearne's Taurus Mine are the current producers of lode gold in the region.

The Hall 1, Kitt 1 and Otto 1 claims were acquired by Erickson Gold Mining Corporation from Louis Gall, Walter Kitt and George Hall in 1983. The Bear 4 and 5 claims were staked by Erickson Gold Mining Corporation that same year.

In the 1984 field season, a program of reconnaissance level geological mapping and rock sampling was conducted on the claims by Erickson Gold Mining Corporation. This involved mapping approximately 25 square kilometres on a scale of 1:1000. Quartz veins up to 2.5 metres in thickness were located and sampled, but none of the veins carried significant gold or silver mineralization.

5.0 GEOLOGY

The Beacon claim group is situated within the Sylvester Allochthon, a fault-bound, imbricate assemblage of oceanic rocks thrust over sedimentary rocks autochthonous to the North American craton. The area has been subjected to a minimum of two folding events and regionally metamorphosed to the greenschist facies.

Metasediments, metavolcanics, diorite and serpentinite of the Sylvester Group occur within the boundaries of the Beacon claims (see Geological Legend, Figure 3).

The volcanics are fine-grained, medium green in colour, and massive in texture. Ball (1984) reports local porphyritic texture and flow-banding. Propylitic, carbonate (predominantly dolomite), and silicia alteration are common. The metasediments include brown to grey siltstone, medium to coarse grained sandstone, black graphitic argillite, and ribbon-bedded chert. Diorite is fine to medium grained and dark green in colour. Serpentinite is commonly altered to rusty talc-carbonate. A feldspar-porphyry dyke outcrops for 30 metres on the east side of Finlayson creek valley summit.

Locally, the metavolcanics and diorite host quartz and

TERTIARY AND (?) EARLIER

Conglomerate

11 Kechika, Sandpile, Atan loosely cemented.

AGE UNKNOWN - INTRUSIVES

Dykes

- 10a Diabase
- 10b Andesite - dacite
- 10c Aplite

Quartz Veins

9 Often containing sulphides (tetrahedrite arsenopyrite), graphite and sometimes visible gold.

UPPER CRETACEOUS

8 Cassiar Stock quartz monzonite porphyry.

AGE UNKNOWN

Listwanite (altered basic to ultrabasic rocks, may contain veinlets of quartz, dolomite, brucite and talc).

- 7a Serpentine, chlorite, carbonate, with minor talc.
- 7b Talc, carbonate, minor chlorite.
- 7c Quartz, mariposite, carbonate and minor talc.
- 6 Olivite; volcanic plug ? Sill ?; locally fine-grained feldspar porphyry.

MISSISSIPPIAN TO ? PERMIAN

SYLVESTER GROUP

Interbedded Sediments - 5d

- 5da Greywacke
- 5db Siltstone
- 5dc Sandstone
- 5dd Argillite
- 5de Limestone (continuous pods)
- 5df Chert

Interbedded Volcanics - 5c

- 5ca Dacite to andesite flows, with or without pillows, occasional local phenocrysts of feldspar or pyroxene.
- 5cb Dacite to andesite tuff breccia and/or flow breccia, with local phenocrysts of feldspar or pyroxene.
- 5cc Abfolite, sills and/or dykes.
- 5cd Argillaceous tuff and breccia.
- 5ce Cherty tuff
- 5f Chert, tuff chert, includes some argillite, in northeast well layered chert - phyllite, tuff chert, ribboned chert and argillite.
- 5a Argillite, siltstone, chert, quartzite limestone pebble conglomerate, tuff includes numerous diabase and andesite sills.

MIDDLE AND UPPER DEVONIAN

MCDADE GROUP

4a Dolomite (black) and limestone (grey) - numerous veinlets and vugs of dolomite, occasional laminations and nodules of chert.

SANDPILE GROUP

3a Dolomite and dolomitic sandstone - dark grey to light grey, commonly laminated.

CAMBRIAN AND ORDOVICIAN

KECHIKA GROUP

- 2a Argillite, shale, slate - black to grey-black; mostly argillite with a pervasive mild slaty cleavage, some sections of shale and slate; cherty and carbonaceous sections throughout, laminated to bedded, pyrite occurs as fine disseminations up to 1% and as fine streaks.
- 2b Phyllite - black, friable, carbonaceous, with minor pyrite.
- 2c Argillaceous limestone - grey-black, massive, with argillite and shale fragments.

CAMBRIAN

LOWER CAMBRIAN

Atan Group

- 1f Limestone - blue-grey to dark grey, laminated to well-bedded to massive, with flaggy patches and minor fragmental or breccia sections.
- 1e Recrystallized limestone (marble) - bluish, white, massive and as stringers and patches in 5de, large rhombohedral crystals.
- 1d Dolomite - yellow, buff, brown, rose, crystalline, massive with some friable sections, minor pyritohedrons in the crystalline portions.
- 1c Quartzite - maroon, green, brown, and tan, well bedded with cross bedded sections, pyrite and lesser pyrrhotite as disseminations and stringers.
- 1b Hornfelsic quartzite - maroon, green, buff and brown; pure quartzite beds are crystalline, less pure beds are schistose and contain andalusite patches; chlorite clots occur in the chlorite-rich green beds; more abundant pyrite and pyrrhotite.
- 1a Shale and slate - black, grey and buff, laminated, pyritic, and carbonaceous, with some calcareous interbeds.

ALTERATION SYMBOLS

S	Graphite	Ch	Chlorite
K	Clay (Kaolinite, montmorillonite?)	EP	Epidote
A	Abfolite - Fuchsite	C	Calcite
I	Illitification	Sk	Stilbite garnet diopside and garnet-actinolite - minor sheelite mineralization.
D	Carbonate dolomite, siderite	CF	Cracks Breccia fracture texture

SYMBOLS

- Geological boundary (inferred/approximate)
- / \ / Quartz vein (inclined, vertical, dip unknown)
- Zone of alteration
- XXX Floor

ERICKSON GOLD MINING CORP.

BEACON GROUP

GEOLOGICAL LEGEND

FIGURE 3

quartz-carbonate veins up to 0.30 metres thick. Within diorite, the veins do not contain any visible mineralization; they are not associated with any significant alteration of the host rock; and they are of limited strike length (less than 4.0 metres). Veins hosted by metavolcanics also appear barren and of limited strike length but are commonly accompanied by iron staining and carbonate alteration of the wall rocks.

Quartz veins up to 2.5 metres thick are exposed locally within rusty-weathering chert. These veins grade from massive, granular white quartz in the vein center to vein breccia at the vein margin. This vein breccia consists of 1-4 centimetre, angular clasts of chert in a white to clear quartz matrix.

6.0 SUMMARY OF WORK

An exploration program consisting of line cutting and grid establishment, geological mapping, geochemical soil sampling and a magnetometer survey was conducted on the Otto 1 and Kitt 1 claims of the Beacon Group during the 1985 field season. The purpose of this work was to locate gold and/or silver-bearing quartz veins within Sylvester Group metavolcanics.

7.0 LINE CUTTING AND GRID ESTABLISHMENT

During the period June 29 to July 19, 1985, nine man days were expended establishing a grid over the Otto 1 and Kitt 1 claims. This involved cutting 2,500 metres of line to a 2.0 metre width by chainsaw. The location and configuration of the "Kitt grid" is shown on Map 1.

8.0 GEOCHEMICAL

8.1.1 Field Procedures

Soil samples were collected at 10 metre intervals along the grid lines. At each sample site, a 30 centimetre deep hole was dug with a mattock, and soil from the B horizon placed in a kraft envelope using a garden trowel. Where the B horizon was absent, the bottom of the A horizon was sampled. A total of 232 soil samples were collected and sent to Min-En Laboratories Limited, North Vancouver, B.C., to be analyzed for gold and silver.

8.1.2 Laboratory Procedures

(see Appendix I)

8.2 Statistical Procedures and Interpretation

Cumulative frequencies of class intervals were calculated in the usual manner for both elements. A probability curve was plotted on arithmetic paper by computer. This method allows partitioning of individual populations from a polymodal distribution. Geochemical data are located in Appendix II.

8.2.1 Gold

A probability plot of gold values from Appendix II is shown in Figure 4. The computer constructs a "best fit" probability curve and calculates thresholds of populations from inflection points on the curve. Logarithms of values (ppb) are plotted on the ordinate axis and cumulative percent on the abscissa. Individual populations are plotted as diagonal lines and population thresholds as horizontal lines. As shown in the diagram, three populations can be partitioned from the probability curve whose threshold values are listed in the lower right hand corner of the figure (log ppb). This data can be summarized as follows:

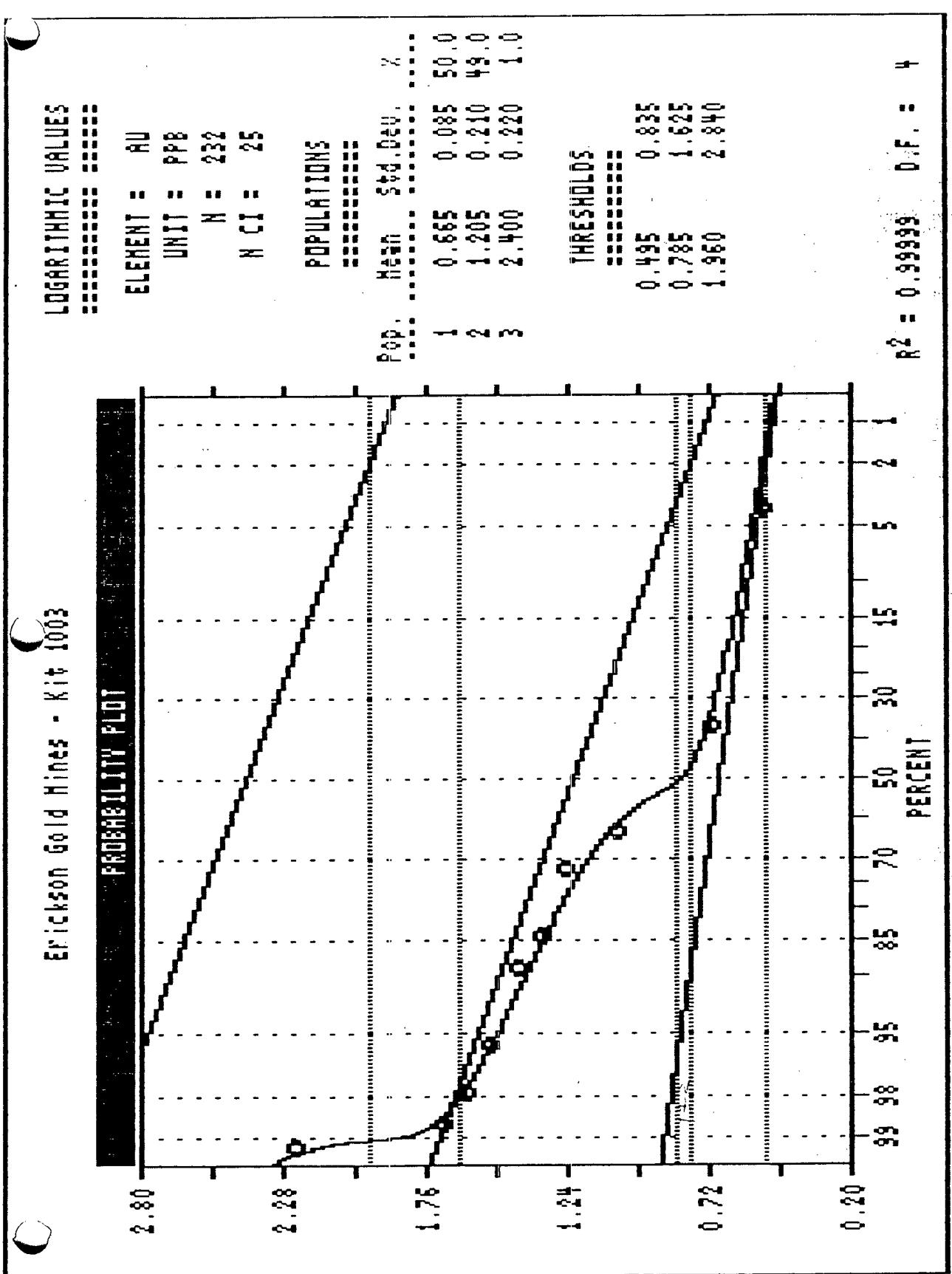


Figure IV

Group	Population	Interval (ppb)
I	1 only	3.12 - 6.84
II	1 and 2	6.10 - 6.84
III	2 only	6.84 - 42.2
IV	3 only	91.2 - 692.0

Population 3 is the anomalous population and values greater than 91 ppb are priority targets for follow-up examination. A lower priority can be assigned population 2. The relative importance of this population (6.0 - 42.0 ppb) can be evaluated by correlation with geology, topography and other parametres within the grid area.

8.2.2 Silver

Two populations can be partitioned from the probability curve as shown in Figure 5. The anomalous population includes values greater than 1.1 ppm and are assigned a high priority for follow-up examination. Values between .8 and 1.1 ppm may be significant while values less than .8 ppm are background.

9.0 GEOLOGICAL MAPPING

The area covered by the grid was mapped on a scale of 1:1000 (see Maps 4.L, 4.M and 17.Y.). This involved the expenditure of 6 man days labour.

10.0 GEOPHYSICAL

Magnetometer surveys were run over Lulu grid from July 29 to August 2 and over Kitt grid on August 20. Two EDA Omnimag IV magnetometers were used simultaneously. One magnetometer acted as a stationary base station and the other was used to obtain total magnetic field readings (corrected for diurnal variation as well as vertical gradient readings) along the

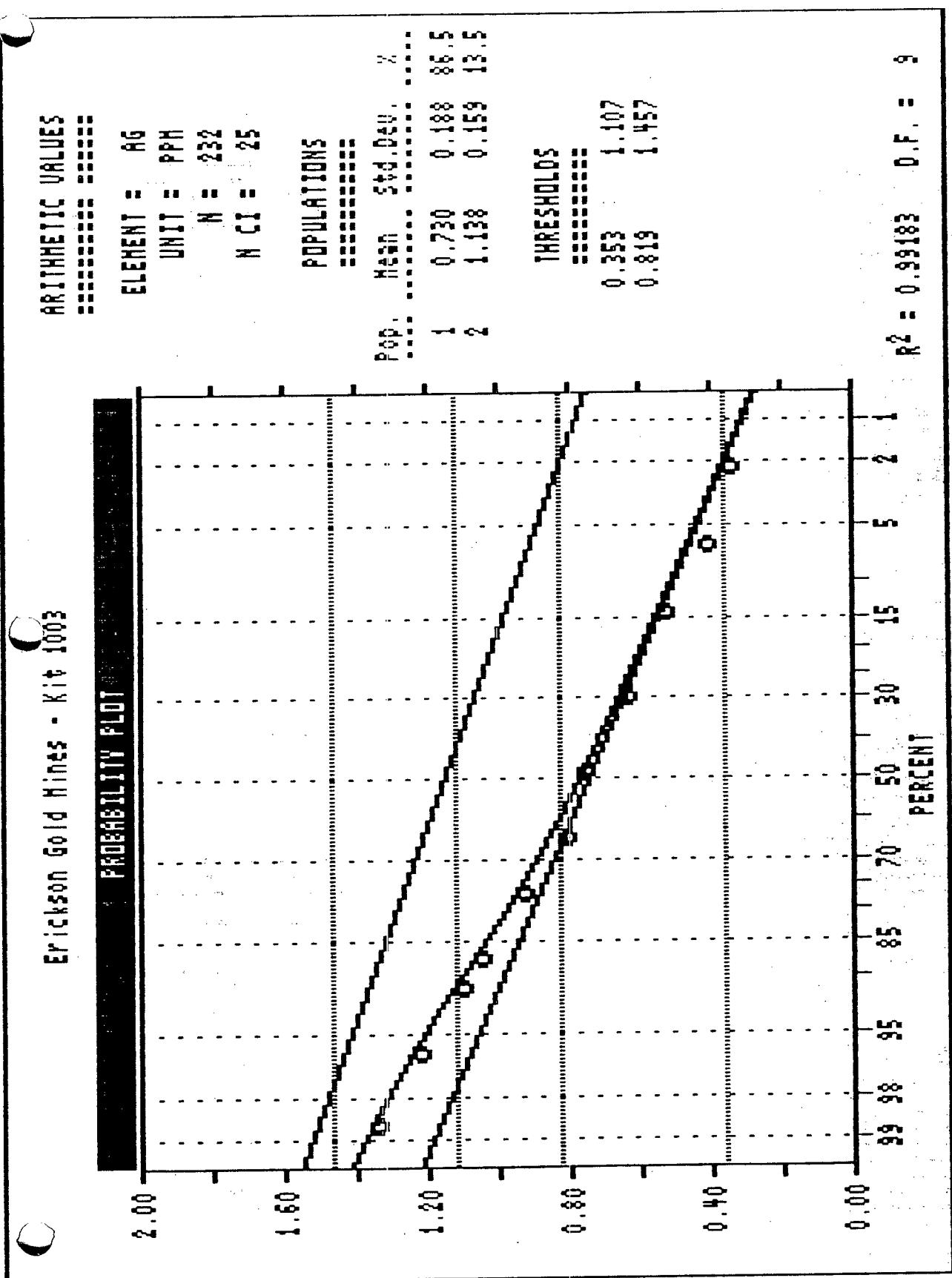


Figure V

grid. The use of a base station allowed the most accurate correction for diurnal drift and eliminated the need for tie-line or looping methods normally required if only one magnetometer is used.

10.1 Field Procedures

One Omnimag IV magnetometer was set up as a base station taking total magnetic field readings at ten second intervals using a total field remote sensor. The second magnetometer was carried around the grid and used to take readings at ten meter stations. This magnetometer was used with a gradiometer probe containing a top sensor for measuring total magnetic field, and a lower sensor which, in conjunction with the top sensor, measured the vertical gradient of the magnetic flux lines. Since the top sensor of the gradiometer probe measures total magnetic field, it is affected by diurnal drift. To compensate for this drift, the magnetometer is synchronized with the base station to read at the same ten second intervals. Synchronization allows the readings taken by the field magnetometer to be fed into the base station which then corrects them for diurnal drift according to the variations in its own set of magnetic field readings. This correction occurs at the end of the day when the two magnetometers are hooked together to a printer using an interconnect cable. The readings from the field magnetometer are dumped into the base station, corrected, and then printed onto thermal paper to form a hard copy.

10.2 Results

Contouring and interpretation of the magnetic data is precluded by the wide spacing between grid lines (200 metres) and the intervals between magnetic field readings. Since the entire area underlain by the grid is too large to be adequately mapped on the scale necessary, magnetometer surveys might better be employed at a later stage when target areas are more clearly delimited.

11.0 CONCLUSIONS AND RECOMMENDATIONS

A program of follow-up soil sampling within areas of anomalous gold and silver values is recommended. Trenching by backhoe should be undertaken within well-defined soil anomalies. Geological mapping within the grid area is also recommended to better correlate and interpret the geochemical data.

12.0 COST STATEMENT

PHYSICAL:

A grid was established with a 1,350 metre north-south baseline and three east-west lines for a total of 2,500 metres of line. All lines were cut 2 metres wide with a chainsaw.

Work was performed by 1 cutter on: June 29; July 2, 11, 12, 15-19, 1985.

Cost:

9 man days linecutters	@ \$150/day	\$ 1,350.00
9 days chainsaw rental	@ \$ 20/day	180.00
9 days room and board	@ \$ 50/day	450.00
9 days truck rentals	@ \$ 50/day	450.00

TOTAL PHYSICAL		\$ 2,430.00
		=====

GEOCHEMICAL:

Grid lines were sampled at 10 metre intervals and samples were analyzed for Au and Ag. A total of 236 samples were collected.

Work performed: July 2 (1 man)
August 30 (2 men)
August 31 (2 men)
September 3 (2 men)

COST STATEMENT CONTINUED

Cost:

7 man days measuring line/sampling	@ \$130/day	\$ 910.00
1 day supervisor	@ \$165/day	165.00
8 days room and board	@ \$ 50/day	150.00
3 days truck rental	@ \$ 50/day	150.00
field supplies		50.00
miscellaneous field equipment		30.00
232 samples analyzed for Au and Ag	@ \$7.60/sample	1,740.00
		<hr/>
TOTAL GEOCHEMICAL		\$ 3,468.60
		=====

GEOLOGICAL:

The area covered by the grid was mapped.

Work was performed by 1 geologist on: August 24, 25, 26, 28, 30, 31;
September 3, 1985

Cost:

6 man days geologist	@ \$165/day	\$ 990.00
6 days room and board	@ \$ 50/day	300.00
6 days truck rental	@ \$ 50/day	300.00
		<hr/>
TOTAL GEOLOGICAL		\$ 1,590.00

COST STATEMENT CONTINUED

GEOPHYSICAL:

A magnetometer survey was conducted over the grid with 10 metre spacing between stations.

Work was performed by 1 geologist on: August 20, 29;
September 2, 1985

Cost:

3 days geologist	@ \$165/day	\$ 495.00
3 days room and board	@ \$ 50/day	150.00
3 days truck rental	@ \$ 50/day	150.00
Magnetometer rental		700.00
		=====
TOTAL GEOPHYSICAL		\$ 1,495.00
		=====

REPORT WRITING:

Cost

2 days report writing	@ \$165/day	\$ 165.00
3 days drafting	@ \$140/day	420.00
5 days room and board typing	@ \$ 50/day	250.00
drafting supplies		150.00
		50.00
		=====

TOTAL REPORT WRITING \$ 1,200.00
=====

GRAND TOTAL \$10,183.60
=====

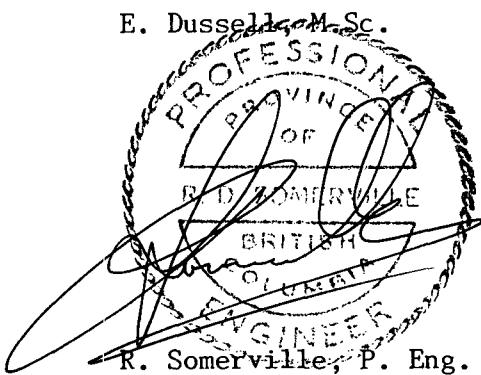
13.0 STATEMENT OF QUALIFICATIONS

I, Eric Dussell, of 9-2157 Banbury Road, North Vancouver, B.C., do hereby certify that:

I hold a B.Sc. degree in Geology obtained at the University of Washington, Seattle, and an M.Sc. degree in Geology from Western Washington University, Bellingham. I have practiced my profession for six years.

I am author of this report, which is based upon work conducted under the supervision of R. Somerville, P. Eng., during the 1985 field season on the claims covered by the Beacon Group for Erickson Gold Mining Corp. near Cassiar, British Columbia.

Eric Dussell



APPENDIX I

Laboratory Procedure for Fire Assay Analysis

ERICKSON GOLD MINING CORP.

Mine Fire Assay Method for Au and Ag

The samples are crushed, puliverized and split to one half assay ton (14.583 gram) subsamples. One subsample is assayed for regional samples and two subsamples are assayed for diamond drill core by the following precedures.

The subsample is placed in a crucible along with 1 scoop of standard flux, one half teaspoon of flour, 1 inquartz, and 1 teaspoon of borax cover.

It is then heated for 45 minutes at 1060 degrees celsius to fuse, poured off and left to cool before the glass is hammered off the button (bead).

The cupels are heated for 10 minutes in the furnace at 970 degrees celsius until white before the lead bead is put in the cupels for 30 minutes.

After cupelation, the beads are hammered flat and weighed in milligrams. If over 2.79 milligrams, inquartz is added in the appropriate amounts and recupelled.

The bead is placed in diluted (16 percent) nitric acid for 30 minutes. The acid is then removed and the bead is rinsed two times with de-ionized water before annealling to remove tarnish and weighing in milligrams.

All assays are then given in ounces per ton.

APPENDIX II

Geochemical Data

AJM EXPLORATIONS LTD.

1201 East 11th Street
North Vancouver, B.C.
70-108 V.M.
Telephone: 988-5861

SHIPTO

卷之三

卷之五

Vancouver B.C.

PROJECT & NO.

KITT-1003

DATE Sept 6 1985

ASSAY OR GEOCHEMICAL ANALYTICAL INSTRUCTIONS (circle one)

TOTAL SAMPLES 20

NO PARCELS IN SHIPMENT

RECOMMENDED BY

DISTRIBUTION OF RESULTS

1 Copy to Vancouver Address

1115

Copies to:

CARRIER WHITE PADS - MOTORWHEELS
TRUCKS
SHIPPED FROM WATSON LAKE, YUKON

F. D. STULL

C/O ERICKSON GOLD MINE

Bdg 1500

Custer, B.C.

VOC TEC

SEND INVOICE WITH PROJECT NO. FOR APPROVAL TO: AMEX EXPLORATIONS LTD.

DISTRIBUTION: WHITE — Enclose with sample
CANARY — Office
PINK — Retain

JJM EXPLORATIONS LTD.

500-1000 East 4th Street
North Vancouver, B.C.
V7J 1G2
Telephone: 988-6661

SHIPTON MIN-EU LAB

105 W 17th St

N. VANCOUVER B.C.

PROJECT & NO. KITT-1003

DATE SEPT 6 1985

ASSAY OR GEOCHEMICAL ANALYTICAL INSTRUCTIONS (circle one)

Sample Number	No. of Samples	Sample Type	Fraction to be Analyzed	Extraction Technique	Metals to be Analyzed
X4 K-85-42	2	SOIL	-90	AA	Au, Ag
D K-85-115	3	"	"	"	" "
20 K-85-117	3	"	"	"	" "
to K-85-121	3	"	"	"	" "
12 K-85-188	2	"	"	"	" "
10 K-85-190	3	"	"	"	" "
13 K-85-193	3	"	"	"	" "
10 K-85-201	3	"	"	"	" "
10 K-85-207	2	"	"	"	" "
5 K-85-213	1	"	"	"	" "
25 K-85-214	1	"	"	"	" "
10 K-85-222	3	"	"	"	" "
10 K-85-223	1	"	"	"	" "
10 K-85-224	1	"	"	"	" "
10 K-85-225	1	"	"	"	" "

TOTAL SAMPLES 44

NO. OF PARCELS IN SHIPMENT 5

REQUESTED BY E. DURRILL

DISTRIBUTION OF RESULTS

Copy to Vancouver Address

plus

Copies to:

CARRIER WHITEPASS MOUNTAIN
TRUCKS SHIPPED FROM WATSON LAKE,
YUKON

E. DURRILL
C/O ERICKSON GOLD MINE
Bag 150
CANTER, B.C.
VCC 1E0

SEND INVOICE WITH PROJECT NO. FOR APPROVAL TO: JJM EXPLORATIONS LTD.

ERICKSON GOLD MINING CORP.

DISTRIBUTION: WHITE - Enclose with sample
CANARY - Office
PINK - Retail

SEP 30 1985

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project Kit 1003 Date of report Sept. 27/85.

File No. 5-677 Date samples received Sept. 21/85.

Samples submitted by: E.Dussell

Company: Erickson Gold Mining

Report on: 232 soils Geochem samples

..... Assay samples

Copies sent to:

1. Erickson Gold Mining, North Vancouver, B.C.
2. Erickson Gold Mining, Cassiar, B.C.
3.

Samples: Sieved to mesh -80 Ground to mesh

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: Ag-nitric, perchloric digestion A.A., Au-aqua regia A.A.

Remarks:

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

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

TELEX: 04-352028

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: KIT 1003
ATTENTION: E. DUSSELL

FILE: 5-677/P1
DATE: SEPT. 25/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
K85-001	0.6	20
002	0.9	10
003	0.7	5
004	0.7	5
005	0.8	10
006	0.7	5
007	1.5	5
008	0.8	30
009	0.6	5
010	0.7	5
011	1.0	5
012	1.2	10
013	0.7	5
014	0.9	5
015	0.6	5
016	0.5	10
017	0.7	5
018	1.0	10
019	0.5	10
020	0.4	5
021	0.4	5
022	0.6	5
023	1.2	5
024	1.0	5
025	0.8	10
026	0.9	5
027	0.6	5
028	0.5	5
029	0.7	10
K85-030	0.8	5

Certified by



MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

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

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: KIT 1003
ATTENTION: E. DUSSELL

FILE: 5-677/P2
DATE: SEPT. 25/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB	
K85-031	0.7	20	
032	1.0	20	
033	0.9	30	
034	0.7	50	
035	0.6	10	
036	0.7	10	
037	0.6	5	
038	0.7	20	
039	0.7	5	
040	0.2	5	
041	1.1	5	
042	1.3	20	
043	0.8	10	
044	0.6	5	
045	1.0	10	
046	0.8	5	
047	0.5	5	40MESH
048	0.6	10	40MESH
049	0.5	5	40MESH
050	0.5	10	
051	0.3	5	40MESH
052	0.6	5	
053	0.7	30	
054	0.7	20	
055	0.8	10	
056	0.7	10	
057	0.9	30	
058	1.0	40	
059	0.8	35	
K85-060	0.4	10	

Certified by



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Specialists in Mineral Environments
705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

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

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

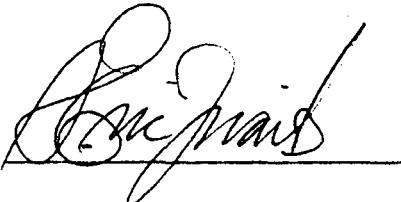
COMPANY: ERICKSON GOLD MINING
PROJECT: KIT 1003
ATTENTION: E. DUSSELL

FILE: 5-677/P3
DATE: SEPT. 25/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
K85-061	0.8	25
062	0.5	10
063	1.0	30
064	0.8	20
065	0.8	10
066	0.8	25
067	0.7	20
068	0.8	30
069	1.1	20
070	0.6	10
071	0.7	5
072	0.5	5
073	0.8	10
074	1.0	20
075	0.6	10
076	0.8	30
077	1.0	20
078	0.8	30
079	0.6	20
080	0.3	15
081	1.1	20
082	1.2	10
083	1.0	10
084	0.7	30
085	0.6	30
086	0.7	10
087	0.8	30
088	0.8	50
089	0.6	10
K85-090	1.2	40

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: KIT 1003
ATTENTION: E. DUSSELL

FILE: 5-677/P4
DATE: SEPT. 25/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
K85-091	1.0	10
092	1.0	20
093	0.4	5
094	0.9	20
095	1.0	5
096	0.9	10
097	0.8	20
098	0.8	30
099	1.1	30
K85-100	0.5	5
101	0.8	5
102	0.8	20
103	0.9	5
104	0.9	20
105	1.0	10
106	0.7	10
107	1.2	10
108	0.9	5
109	1.0	5
110	0.7	5
111	0.9	10
112	1.3	15
113	1.2	20
114	1.2	10
115	1.1	5
116	1.2	40
117	1.2	5
118	0.9	5
119	0.6	10
K85-120	0.4	5

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

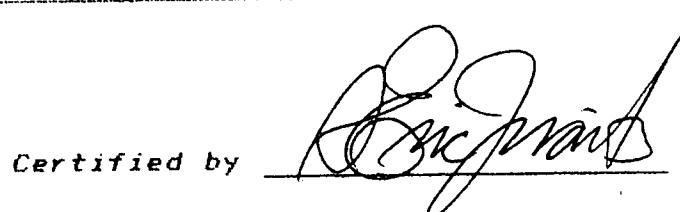
COMPANY: ERICKSON GOLD MINING
PROJECT: KIT 1003
ATTENTION: E. DUSSELL

FILE: 5-677/PS
DATE: SEPT. 26/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG FPM	AU PPB
K85-121	0.9	3
122	0.7	5
123	1.0	3
124	NO SAMPLE	
125	1.0	10
126	0.9	5
127	1.1	20
128	1.0	25
129	1.3	20
130	0.9	15
131	0.5	10
132	0.6	15
133	0.6	25
134	1.2	30
135	0.5	10
136	NO SAMPLE	
137	0.4	5
138	NO SAMPLE	
139	0.4	10
140	0.3	15
141	0.6	15
142	0.3	10
143	0.7	5
144	0.7	10
145	1.3	15
146	0.6	15
147	0.5	30
148	0.9	10
149	0.6	5
K85-150	0.6	5

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: KIT 1003
ATTENTION: E. DUSSELL

FILE: S-677/P6
DATE: SEPT. 26/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
K85-151	0.8	3
152	0.9	15
153	1.0	10
154	1.0	5
155	1.1	3
156	0.8	10
157	1.2	5
158	0.9	5
159	0.7	160
160	0.4	3
161	0.5	10
162	0.6	10
163	0.5	10
164	0.7	15
165	0.6	3
166	0.8	5
167	0.8	10
168	1.6	10
169	1.0	3
170	0.8	10
171	0.8	25
172	1.3	3
173	0.9	5
174	0.6	5
175	0.6	10
176	NO SAMPLE	
177	0.9	20
178	0.7	3
179	0.7	5
K85-180	0.5	15

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING
PROJECT: KIT 1003
ATTENTION: E. DUSSELL

FILE: 5-677/P7
DATE: SEPT. 25/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
K85-181	1.5	5
182	NO SAMPLE	
183	NO SAMPLE	
184	NO SAMPLE	
185	NO SAMPLE	
186	NO SAMPLE	
187	NO SAMPLE	
188	0.7	10
189	0.5	5
190	0.6	10
191	NO SAMPLE	
192	NO SAMPLE	
193	0.7	5
194	1.0	5
195	0.9	5
196	0.6	5
197	0.7	10
198	0.8	5
199	0.8	5
200	0.6	10
201	1.2	10
202	NO SAMPLE	
203	NO SAMPLE	
204	NO SAMPLE	
205	NO SAMPLE	
206	NO SAMPLE	
207	0.9	5
208	1.0	5
209	1.0	5
K85-210	0.9	5

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: ERICKSON GOLD MINING

FILE: 5-677/P8

PROJECT: KIT 1003

DATE: SEPT. 27/85.

ATTENTION: E. DUSSELL

TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
K85-211	0.6	25
212	0.9	15
213	0.7	25
214	0.8	20
215	0.7	15
216	0.7	35
217	0.8	20
218	0.9	20
219	0.9	20
220	0.4	15
221	0.8	20
222	0.9	20
223	0.8	450
224	0.6	20
225	1.1	10
226	0.7	15
227	0.8	15
228	0.6	10
229	0.7	10
230	0.8	10
231	0.8	25
232	0.7	5
233	0.8	5
234	0.7	15
235	0.6	10
236	0.7	25
237	0.7	15
238	0.9	15
239	NO SAMPLE	
K85-240	0.4	5

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

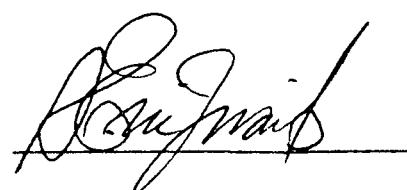
COMPANY: ERICKSON GOLD MINING
PROJECT: KIT 1003
ATTENTION: E. DUSSELL

FILE: 5-677/P9
DATE: SEPT. 26/85.
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 10 samples submitted.

SAMPLE NUMBER	AG PPM	AU PPB
K85-241	1.0	25
242	0.6	5
243	1.3	25
244	0.7	10
245	0.6	15
246	0.7	200
247	0.6	5
248	0.8	30
249	0.6	5
K85-250	0.5	10

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Threshold Recommendations for Kit Project

RESULT SUMMARY

AG - normal distribution / presented as indicated:

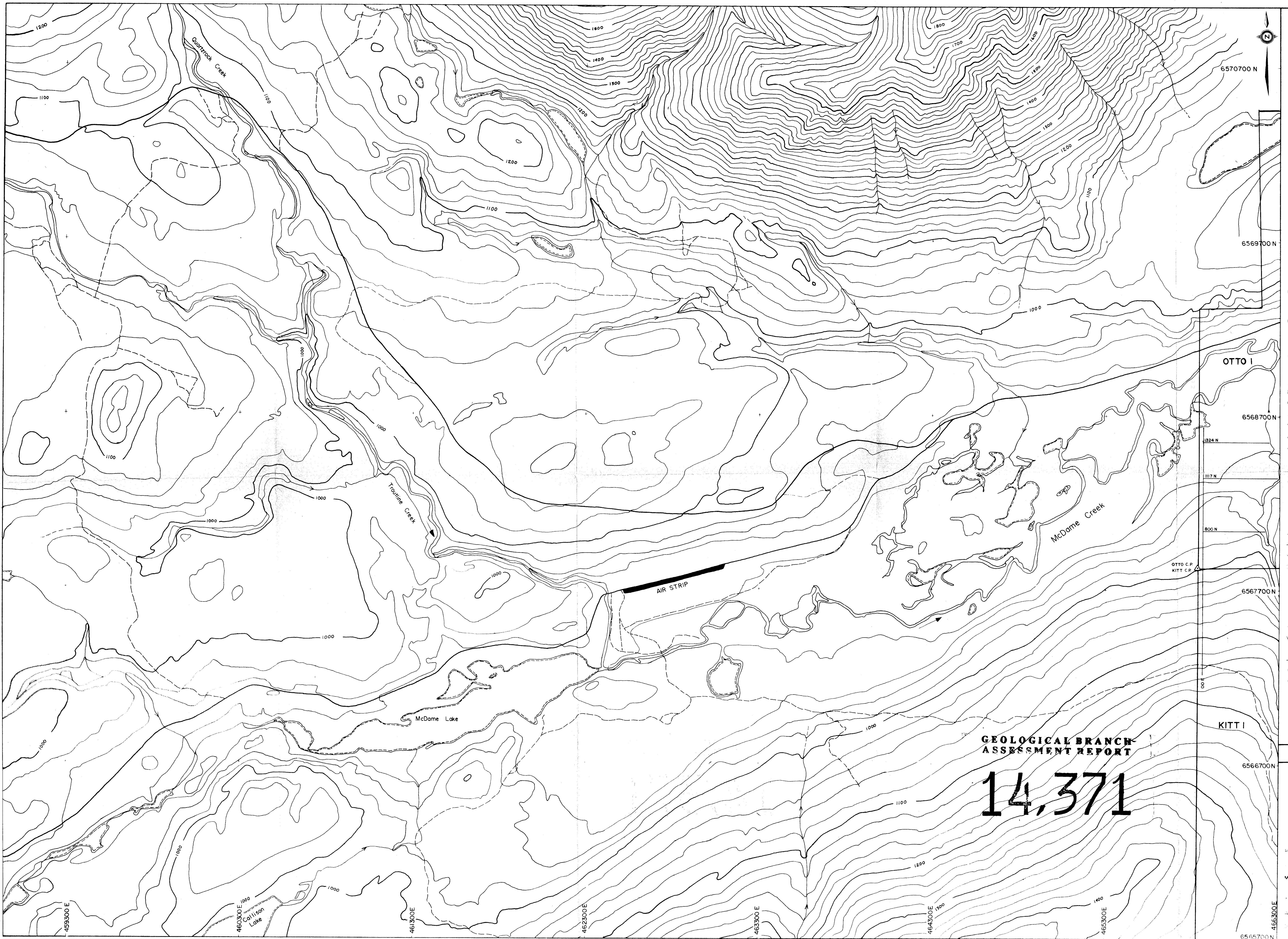
2 populations: 1) 0.730 +/- 0.188 ppm (86%)
 2) 1.138 +/- 0.159 ppm (14%)

thresholds: 0.8 ppm
 1.1 ppm

AU - lognormal distribution / converted to arithmetic values:

3 populations: 1) 4.62 (3.80, 5.62) ppb (50%)
 2) 16.03 (9.89, 26.00) ppb (49%)
 3) 251.19 (151.36,416.87) ppb (1%)

thresholds: 6 ppb
 42 ppb
 91 ppb



AREA INDEX														
19					17									
6					4									
7					3									
8					2									
6,570,700N														
455,900E														
459,900E														
462,900E														
466,900E														
6569700N														
6568700N														
6567700N														
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