

GEOCHEMICAL AND PHYSICAL (Linecutting) REPORT
on the
ANGUS GROUP
CASSIAR DISTRICT
LIARD MINING DIVISION, BRITISH COLUMBIA.

OWNER :
THE AGNES & JENNIE MINING CO. LTD.,
AJM EXPLORATIONS AND STANLEY CASE.

OPERATOR :
AJM EXPLORATIONS LIMITED

Work Done On The Elan 2 (20 units) M.C.

WORK PERFORMED : September 9th, 1981 to September 8th, 1982.

LOCATED : 59° 17', 129° 45' W, NTS Map 104P 5W plus 5E,
East from Cassiar on west side of Quartz Rock
Creek.

Prepared By : Richard Basnett, Geologist.

Supervised By : Richard Somerville, P. Eng.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,767

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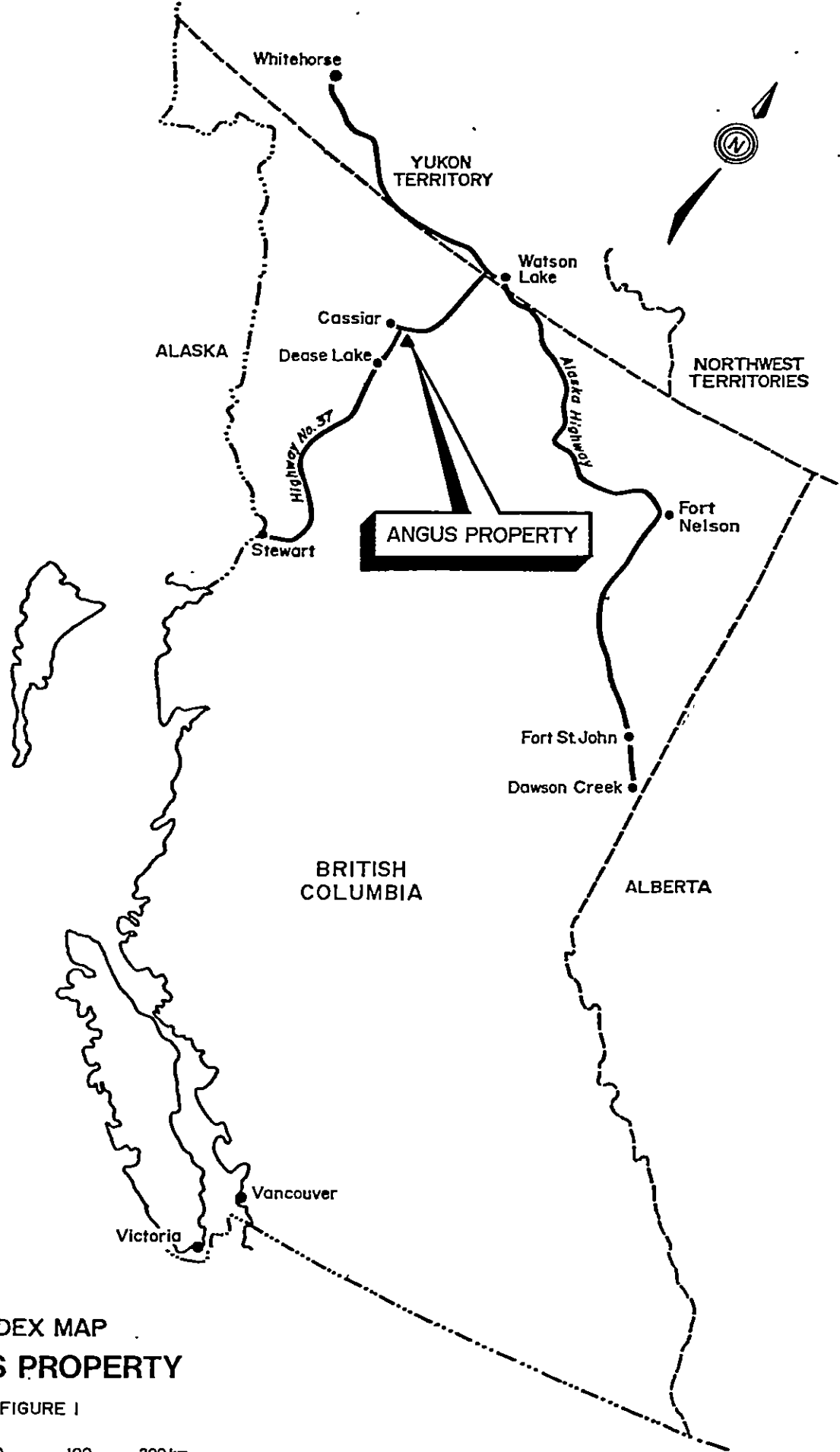
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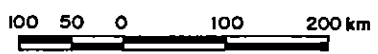
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**INDEX MAP
ANGUS PROPERTY**

FIGURE 1

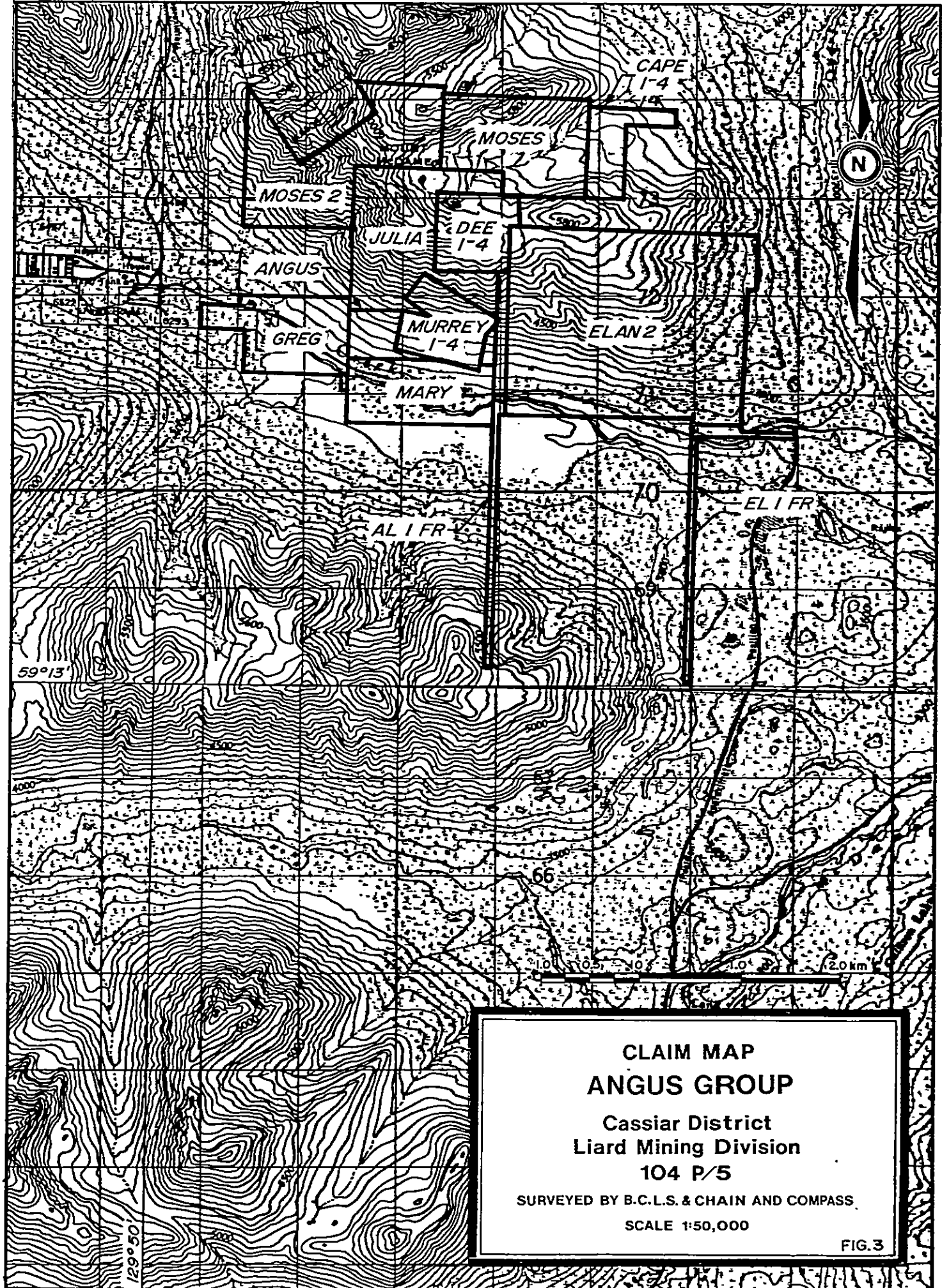


SCALE 1:7,500,000

ELAN PROPERTY

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Owner</u>	<u>FMC # Issued</u>
Elan 2	20	1171	Jan . 30/80	Stanley Case	224116
Mary	6	1588	Sept. 9/80	Agnes & Jennie Mining Co. Ltd.	231471
Greg	6	1589	Sept. 9/80	Agnes & Jennie Mining Co. Ltd.	231471
AL I FR	1	1700	Oct . 23/80	AJM Explorations Ltd.	231470
EL I FR	1	1701	Oct . 23/80	AJM Explorations Ltd.	231470
Dee 1	1	1202	Mar . 12/80	Stanley Case	224116
Dee 2	1	1203	Mar . 12/80	Stanley Case	224116
Dee 3	1	1204	Mar . 12/80	Stanley Case	224116
Dee 4	1	1205	Mar . 12/80	Stanley Case	224116
Cape 1	1	1583	Sept. 10/80	Agnes & Jennie Mining Co. Ltd.	231470
Cape 2	1	1584	Sept. 10/80	Agnes & Jennie Mining Co. Ltd.	231470
Cape 3	1	1585	Sept. 10/80	Agnes & Jennie Mining Co. Ltd.	231471
Cape 4	1	1586	Sept. 10/80	Agnes & Jennie Mining Co. Ltd.	231471
Moses	6	1587	Sept. 9/80	Agnes & Jennie Mining Co. Ltd.	231471
Moses 2	12	1590	Sept. 9/80	Agnes & Jennie Mining Co. Ltd.	231471
Julia	9	2312	June 28/82	AJM Explorations Ltd.	231470
Angus	3	1259	April 18/80	AJM Explorations Ltd.	231470
Murrey 1	1	1172	Dec. 6/79	AJM Explorations Ltd.	231470
Murrey 2	1	1173	Dec. 6/79	AJM Explorations Ltd.	231470
Murrey 3	1	1174	Dec. 6/79	AJM Explorations Ltd.	231470
Murrey 4	1	1175	Dec. 6/79	AJM Explorations Ltd.	231470

The operator is AJM Explorations Ltd., FMC 231470



CLAIM MAP
ANGUS GROUP
Cassiar District
Liard Mining Division
104 P/5
SURVEYED BY B.C.L.S. & CHAIN AND COMPASS.
SCALE 1:50,000

FIG.3

INTRODUCTION

This report describes the results of the soil geochemistry program and linecutting carried out during the late 1981 and 1982 field season; maps showing the property location, claims and location of cut lines and soils are included.

LOCATION AND ACCESS

The property is located in northern British Columbia, 4 km. east of the town of Cassiar. The geographic co-ordinates are $59^{\circ} 17'$ north, latitude and $129^{\circ} 47'$ west, longitude.

Access is by road from Watson Lake, Yukon Territory, which is approximately 150 km. to the NNE of the property or from Kitwanga which is 655 km. south of the property. The Cassiar Highway cuts across the southern boundaries of Angus, Murrey 1 and 2, the Greg and Elan 2 mineral claims.

TOPOGRAPHY

Located on the north slope of the east-west Cassiar valley, the claims are between 1,160 m. and 1,980 m. in elevation. The average slope is 25° . The Elan 2 Mineral Claim (where sampled) is below treeline and covered by spruce and fir trees with intermittent snow slide areas where thick alders have grown.

Treeline is above 1,430 m. elevation with an alpine covering of shrubs and moss. There is very little outcrop found below treeline.

HISTORY

The Cassiar District has been prospected since the 1800's and the interest was stimulated after 1874 when placer gold was first discovered on McDame Creek. Because the town of Cassiar is only 4 km. from the Angus Group, the property has undoubtedly been staked a number of times in the latter half of this century but, other than the blazes left from staking, there is little evidence of previous work on the Angus Group.

In January 1980, the Elan 2 Claim was staked by local prospectors John Hope and Stanley Case. After successful trenching of a silver bearing quartz vein, the Elan 2 Claim and Dee 1-4 Claims were optioned by The Agnes & Jennie Mining Co. Ltd.

The Mary, Greg, Moses, Moses 2 and Cape 1-4 Claims were staked in August, 1980 for The Agnes & Jennie Mining Co. Ltd. and in October, 1980 the Al 1 FR and EL 1 FR were staked for AJM Explorations Limited.

In September and October of 1980, 931.9 meters of BQ diamond drilling were drilled on the silver bearing zone in the quartz vein on the Elan 2. A soil grid, 400 m. x 100 m. was concurrently sampled while diamond drilling. During the 1981 field season this grid was extended to the West and North. A soil survey was also carried out on the Angus and Murrey 1-4 Claims after they were purchased from Daniel McPherson by AJM Explorations Ltd. in 1981.

The Julia Claim was staked in the spring of 1982 for AJM Explorations Ltd.

SUMMARY OF WORK

In late September, 1981, 2,400 m. of line was cut with a width of 1 m. and 174 soil samples were taken at 10 m. intervals. This grid is an extension to the North and West of the 1980 soil grid on which 246 soil samples were taken.

PURPOSE

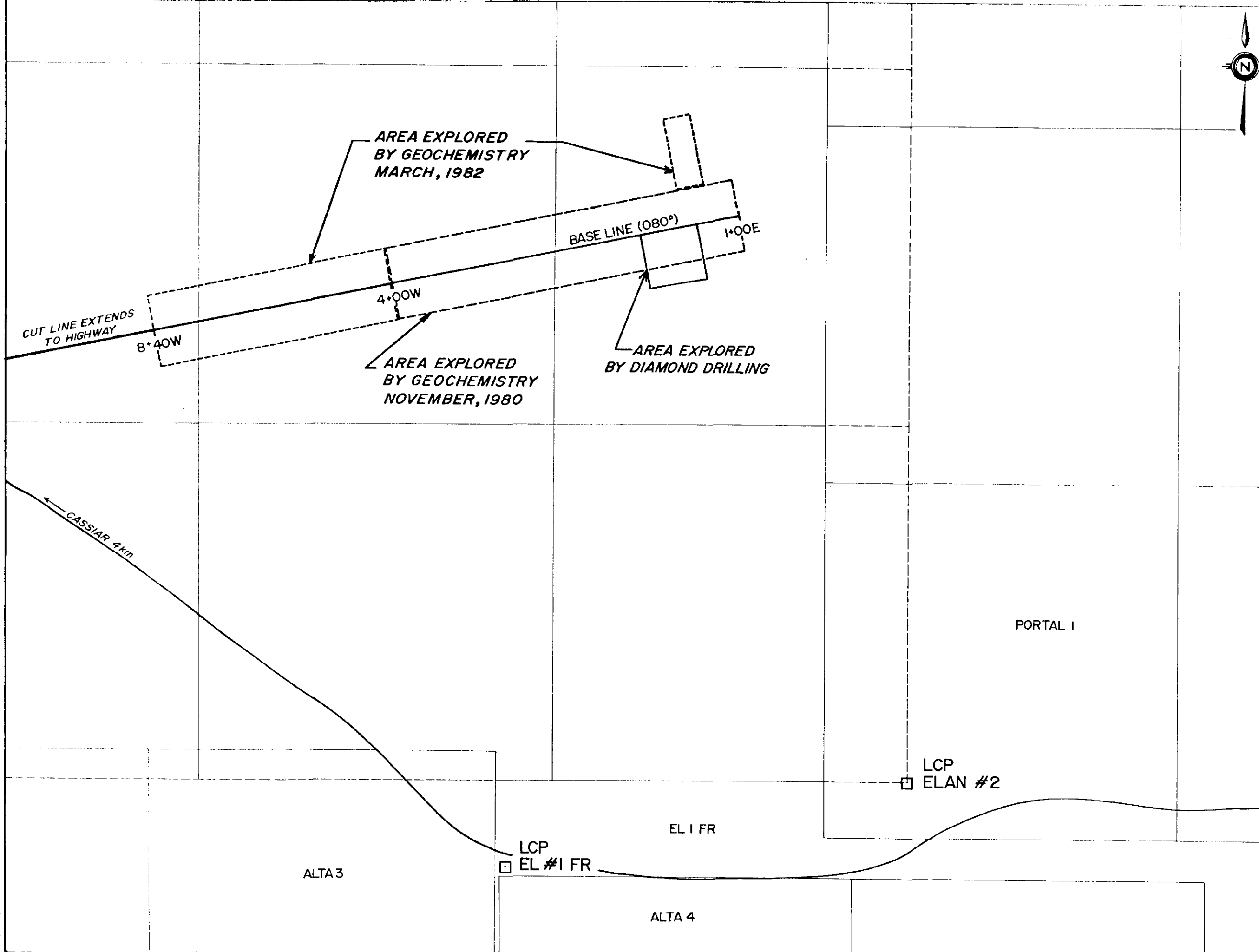
The purpose of the 1981 survey was to establish a soil sample survey grid to locate by geochemistry the western extension of the existing quartz vein and any new veins which might exist in the area.

GEOLOGY

The Angus Group is underlain by greenstones, argillites and cherts of the Sylvester Group (Upper Devonian and Lower Mississippian in age) and sandstones and dolomites of the Sandpile Group. (Ordovician, Silurian and (?) Devonian in age). The contact of the Sylvester Group and Sandpile Group is fault controlled running northwest-southeast through the western portion of the Angus Group.

LINECUTTING

The baseline established in 1980 was extended at 260° West to the Cassiar Highway; a distance of 800 m. Fourteen north-south lines 20 m. and 40 m. apart were cut perpendicular to this baseline. Two of the 1980 lines, 0+20E and 0+60E, were extended 100 m. to the North. A total of 2.4 km. of line was flagged and picketed in the most recent work done in late September, 1981.



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,767

SURVEYED BY B.C.L.S

- Contours ~ 2500 ~
 - Stream or creek (Perennial, intermittent)
 - Marsh
 - Lake
 - Road
 - Jeep Road
 - Trail
 - Trees
- 50 0 50 100 METRES
-

AJM EXPLORATIONS LTD

ELAN PROPERTY

Project No. 1019
 Mining Division LARD
 Latitude 59°17'
 Longitude 129°44'
 NTS 104 P 5
 To Accompany a Report By
 R. BASNETT
 Dated DEC./80 MAR/82
 Map No. 3

SOIL GEOCHEMISTRY

1. Field Procedure

Soil samples were taken at 10m intervals along newly cut lines. At each sample site a hole approximately 30 cm. deep was dug with a mattock and soil from the 'B' horizon was placed in a Kraft sample envelope with a garden trowel. Sample material was glacial till, brown to red brown in color. Where the 'B' horizon was not present the bottom of the 'A' horizon was sampled. A total of 174 samples were taken and sent to Min-En laboratories Limited, North Vancouver, B.C. to be analysed for Au and Ag.

2. Laboratory Procedures

2a) Analytical Procedures For : Cu, Ag.

After drying the samples at 95°C soil samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis.

1.0 gram of the samples are digested for 6 hours with HNO_3 and HClO_4 mixture.

After cooling, the samples are diluted to standard volume. The solutions are analysed by Atomic Absorption Spectrophotometers.

Copper and Silver were analysed using the CH_2H_2 Air Flare combination.

2. Laboratory Procedures cont'd

2b) Analytical Procedure for Au.

After drying the samples at 95°C soil and stream, sediment samples were screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis.

A suitable sample weight, 5.0 or 10.0 grams was pre-treated with HNO₃ and HClO₄ mixture.

After pre-treatments, the samples were digested with Aqua Regia solution, and after digestion the samples were taken up with 25 % HCL to suitable volume.

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

With a set of suitable standard solution, gold was analysed by atomic absorption instruments. The obtained detection limit is 5 ppb.

2c) Analytical Procedure for Sb.

Sample Preparation

After drying the samples at 120°F. soil samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis.

Analysis

1.000 grams of the prepared samples are weighed into 25 x 200 mm. pyrex test tubes and the procedure is as follows :

1. Add 2 ml. of conc. HNO_3 and 5 ml. of conc. HCl and heat it at a low temperature and slowly increase it to 150°F . and let it digest for 30 minutes.
2. After the initial digestion, increase the temperature to 250°F . for 3 hours. After digestion dilute to suitable volume and take 5 ml. aliquote for extraction into a clean test tube.
3. Add 5 ml. H_2O and 10 ml. of Methyl-Isobutyl-Ketone, cap it and shake it for 30 seconds. Read organic phase on Atomic Absorption Spectrophotometric against a suitably prepared standards.

3. Statistical Analysis

A histogram was constructed for each element analysed, plotting the percent frequency of sample values for each element. (Copper, Antimony, Gold and Silver)

Copper

The histogram for copper (Fig. 4) shows a classical bell-shaped curve somewhat skewed by an anomalous population. Anomalous distributions taken from this curve are : 65-99 ppm, possibly anomalous; 100-119 ppm, probably anomalous; 120-199 ppm, anomalous and greater than or equal to 200 ppm, very anomalous.

DISTRIBUTION OF Cu IN SOIL SAMPLES

MODE = 25.0

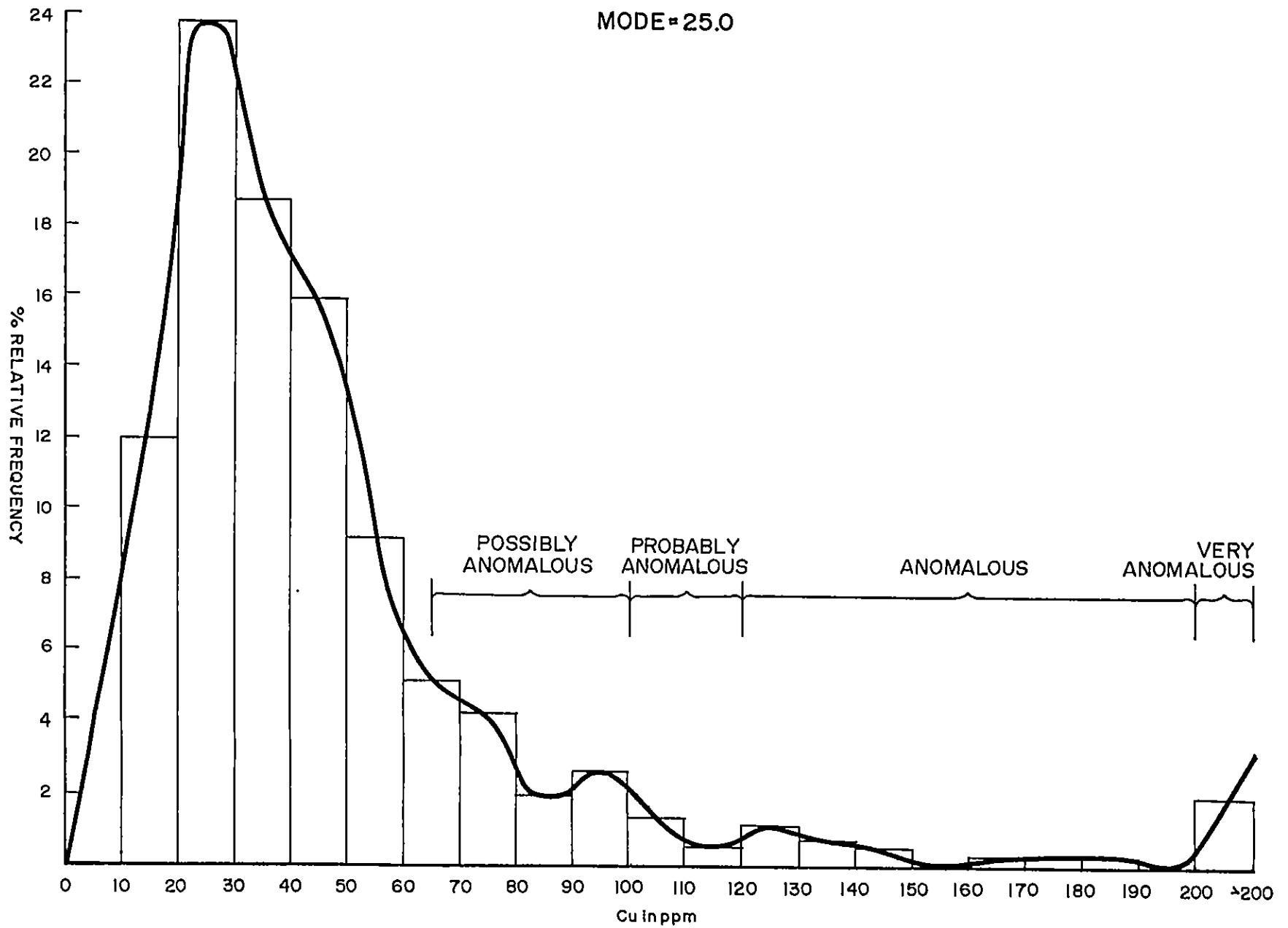


FIG. 4

DISTRIBUTION OF Au IN SOIL SAMPLES

MODE = 5.0

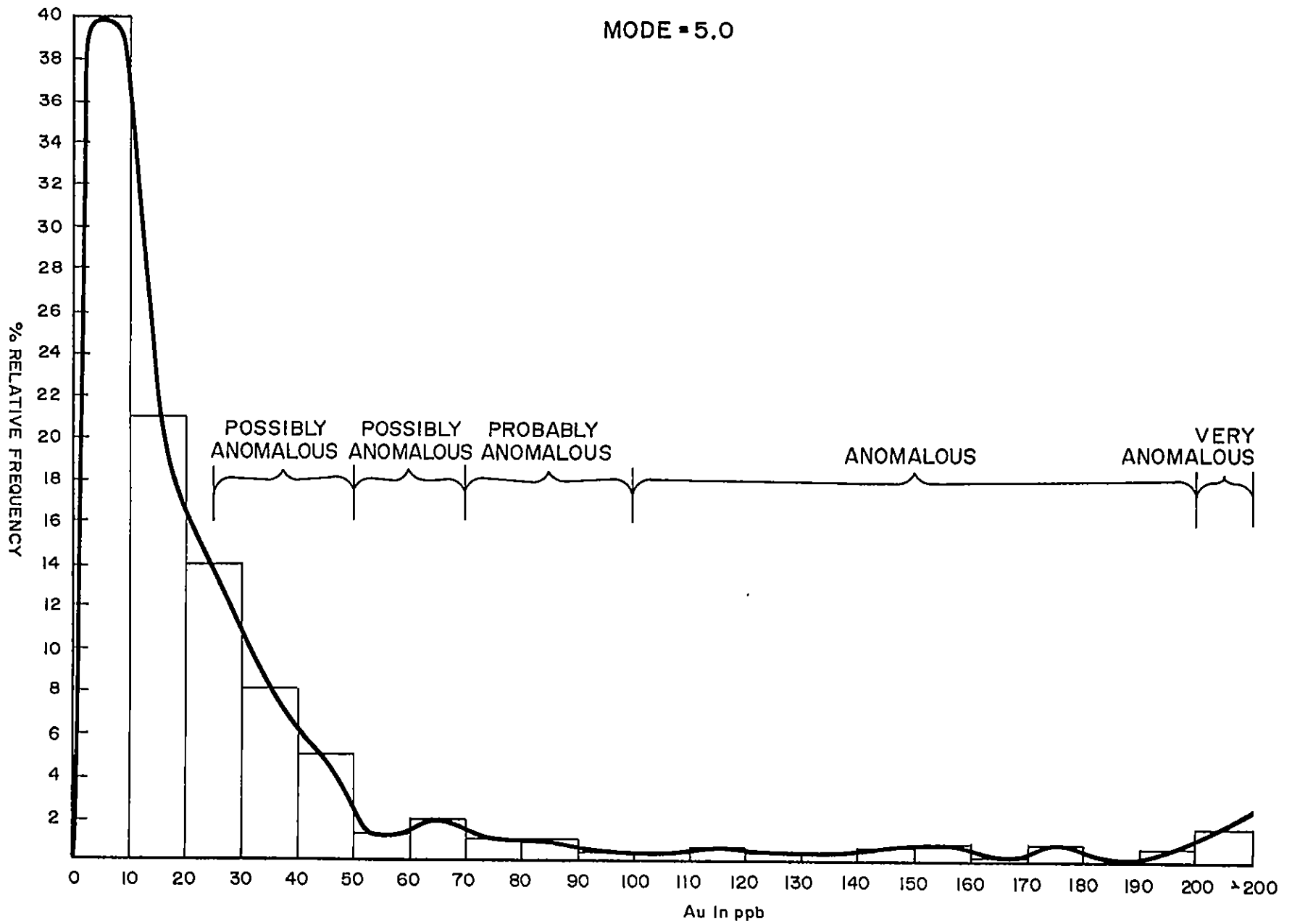


FIG.5

DISTRIBUTION OF Ag IN SOIL SAMPLES

MODE = 0.95

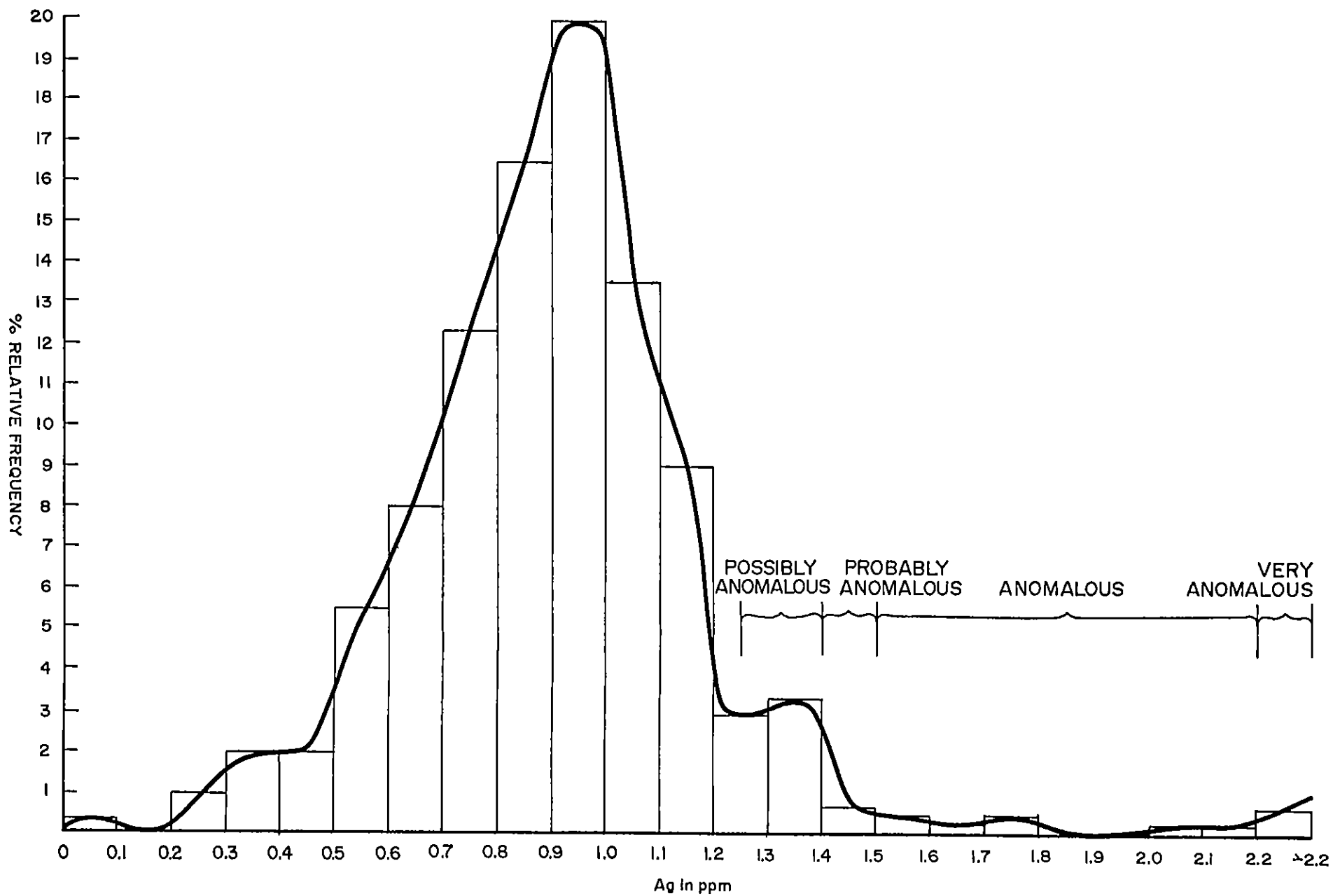


FIG. 6

DISTRIBUTION OF Sb IN SOIL SAMPLES

MODE = 12.5

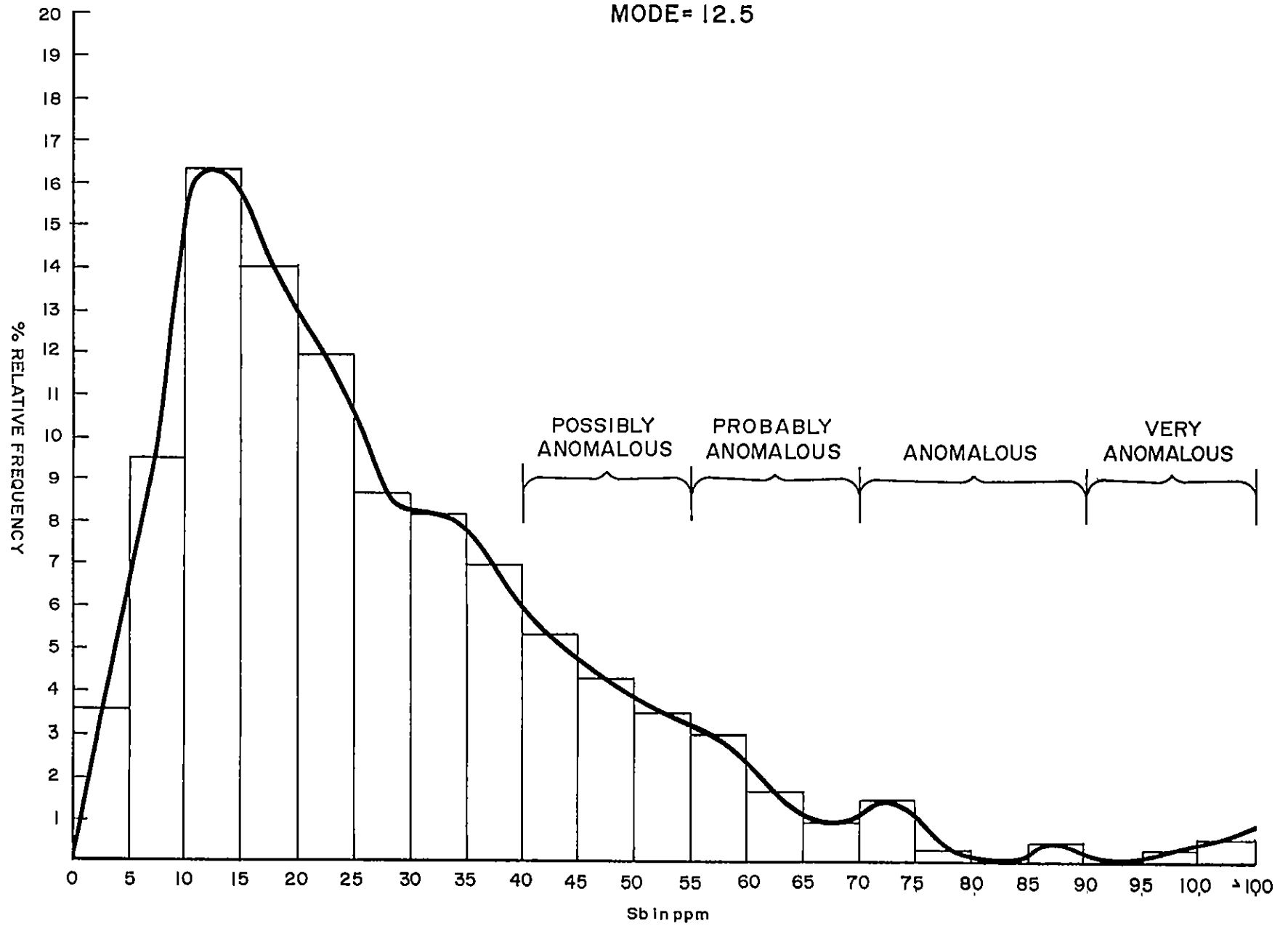


FIG. 7

3. Statistical Analysis cont'd

Gold (Au)

Although statistical analyses are not always done for gold because of its relative insolubility; the following analysis is interpreted to show a distribution derived from physical transportation of gold fragments by erosion. The histogram is not a traditional bell-shaped curve because chemical analysis is in multiples of 5 ppb (Fig. 5). Distributions shown by the histogram are (1) 25-49 ppb, possibly anomalous, (2) 50-69 ppb, possibly anomalous; 70-99 ppb, probably anomalous; 100-199 ppb anomalous, and 200 ppb very anomalous.

Silver (Ag)

A classical bell-shaped curve (only slightly skewed) for silver shows values 1.2-1.3 ppm, possibly anomalous; 1.4-1.5 ppm, probably anomalous; 1.6-2.1 ppm, anomalous; and greater or equal to 2.2 ppm, very anomalous, (Fig. 6).

Antimony (Sb)

The distribution of Antimony taken from the histogram is 40-54 possibly anomalous; 55-69 ppm probably anomalous; 70-89 ppm, anomalous and 90 ppm, very anomalous, (Fig. 7).

4. Interpretation of Anomalies

Sample values are plotted on 1:500 scale maps and contoured at intervals determined by statistical analyses (Envelopes 1-4). The locations of values of samples taken in 1980 are

4. Interpretation of Anomalies cont'd

marked on the plans with a dash and 1981 sample values are marked with an X. The scope of this report is to evaluate only the 1981 samples, although, all the sample values were used in the statistical analysis.

Lines 0+20E and 0+60E were extended to the north to cross an east-west gully, thought to be a possible mineralized structure. Results from the sampling show a narrow east-west Ag anomaly with slightly high Sb and Cu values (maps 1E, 3E and 5E).

On maps 4C and 4D several anomalous gold areas are shown. The anomalies north of the base-line labelled 'B' are thought to show a continuation of an east-west trending quartz vein located in a trench 20 m. north of the baseline on line 220W. Another structure with possible gold mineralization is suggested to exist on or slightly south of the baseline (marked 'C').

The Ag values reinforce the structure reflected by anomaly 'B' (map 3C and 3D). Spot highs of Cu also confirm the likelihood of a two vein system (map 1C and 1D).

In the western area of the grid between 720 W. and 840 W. (map 5D) a large area with Sb values between 40 and 70 ppm exists. These may have been derived from tetrahedrite-tennantite mineralized veins that could continue to the west.

The large Au anomaly between 420W. and 520W. (map 4C) is enhanced by high Ag values (maps 3C) and also by a Cu high (map 1C) which shows the likelihood that the Au may be associated with tennantite.

4. Interpretation of Anomalies cont'd

An interesting Ag, Au and Sb anomaly (maps 3C, 4C and 5C) in the southernmost part of lines 4+40 W. and 4+60 W. could possibly be the beginning of a larger anomaly continuing off of the grid to the south. It also may reflect the down-slope movement of soils from anomaly 'C'.

Conclusions

1. The Ag anomaly in the northern section of lines 0+20E and 0+ 60E probably indicates a east-west mineralized structure.
2. Anomalies marked 'B' and 'C' on map no. 4C and 4D probably indicate two east-west gold bearing structures; one approximately 20 m. north of the baseline and one on the baseline or slightly south of the baseline.

STATEMENT OF COSTS

September, 1981.	Linecutting; September 9th to September 30th. 1 man @ 60.45 per day, room and board. 1 man @ 100.00 per day wages. Total, 11 days.	\$1,765.00
September, 1981.	Geologist (sample collection, etc.). September 15th to September 30th; 6 days @ 152.50 per day.	762.50
September, 1981.	Travel	235.50
October, 1981.	Field Supplies	76.35
October, 1981.	Drafting	277.50
September, 1982.	Drafting Report Preparation Typing	1,545.50
	Geochemical Analysis; 174 soil samples - analysis for Cu, Sb, Au, and Ag at \$12/sample.	<u>2,089.35</u>
	TOTAL :	<u>\$6,751.70</u>

R. Basnett
Richard Basnett,
Geologist

R. Somerville
Richard Somerville,
P. Eng.



STATEMENT OF QUALIFICATIONS

I, Richard Basnett, of 7819 - 14th Avenue, Burnaby, British Columbia do hereby certify that :

1. I am a graduate of the University of British Columbia B.Sc. 1975, a fellow of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy. I have practised my profession for 7 years.
2. I am author of this report which is based upon work under my personal supervision between September, 1981 to September, 1982 on the Elan Property of AJM Explorations Ltd. near Cassiar, British Columbia.
3. While supervising the work, I was under the direction of R. Somerville, P. Eng., Director of Geological Services to AJM Explorations Limited.

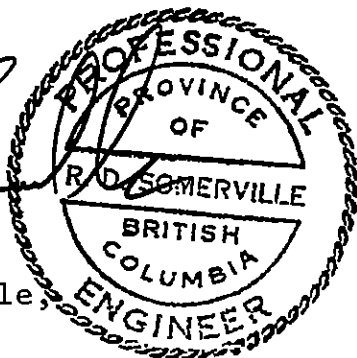
Respectfully submitted,

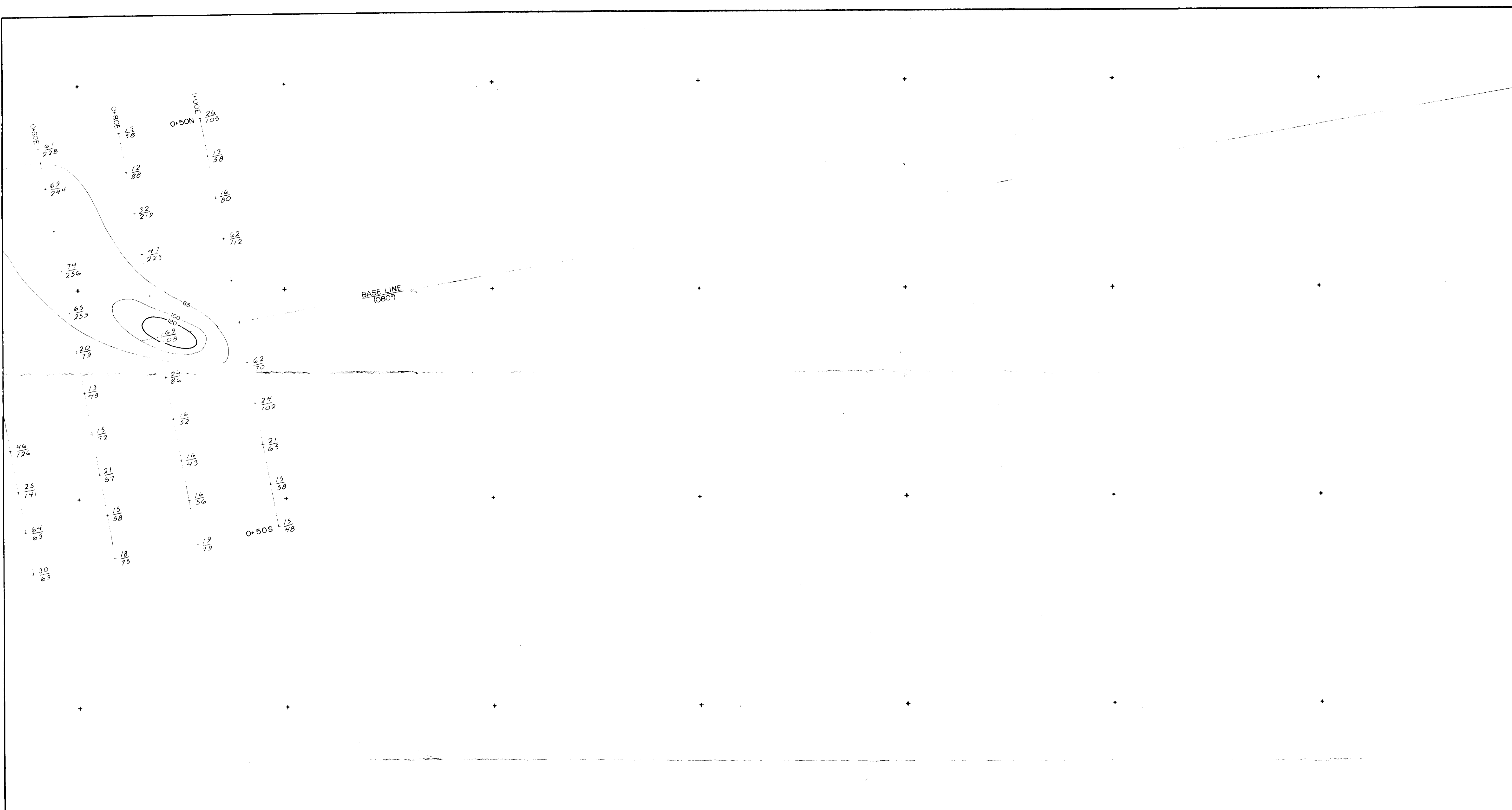
R Basnett

Richard Basnett,
Geologist.

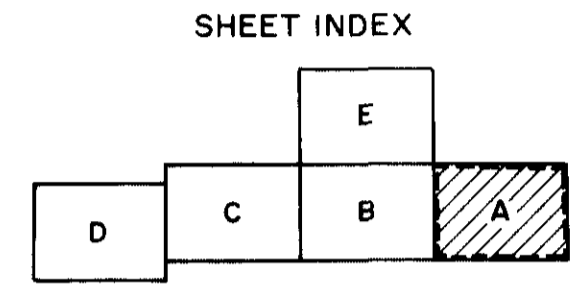
R Somerville

Richard Somerville,
P. Eng.





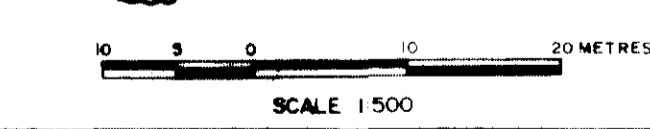
Cu



- SYMBOLS**
- Drift-covered area
 - Rock outcrop, one of several, that is (X) (X) (X)
 - Geological boundary (horizontal, approximate interpretation)
 - Building, top unknown (horizontal, vertical, overturned)
 - dy unknown
 - Building, top unknown (horizontal, vertical, dip unknown)
 - Subsidence, generally, change, relation (horizontal, vertical, dip unknown)
 - Location, one of minor faults (horizontal, vertical)
 - Drifted lower surface (plunging)
 - Fault (horizontal, approximate, interpreted)
 - Fault (vertical, vertical)
 - Fault (local strike including approximate dip, stress indicates relative movement)
 - Thrust fault (approximate, interpreted)
 - Shallow and dip
 - Zone (horizontal, vertical, dip unknown)
 - Syncline (horizontal, approximate)
 - Anticline (horizontal, approximate)
 - Anticline and syncline (horizontal)
 - Intensity (low, medium, strong)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

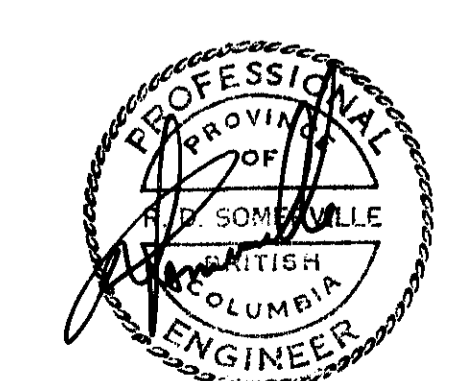
- Trench
 - Ade or road
 - Rock dump or filling
 - Quarry or mine
 - Shaft, mine, mine
 - Diamond-drill hole
- 20 Cu ppm
30 Zn ppm
- Contours: 200 C.I.
Stream or creek (Perennial, intermittent)
- Mark at: a. d.
Litho
Road
Asp Road
Trestle
Tree



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,767

Cu in ppm
 65-99 POSSIBLY ANOMALOUS
 100-119 PROBABLY ANOMALOUS
 120-199 ANOMALOUS
 ≥ 200 VERY ANOMALOUS



A.M. EXPLORATIONS LTD

ELAN
SOIL SAMPLING
COPPER-ZINC

Project No. 1012 Mining Division LIARD

Latitude 58°17' Longitude 129°44'

N70 100/2

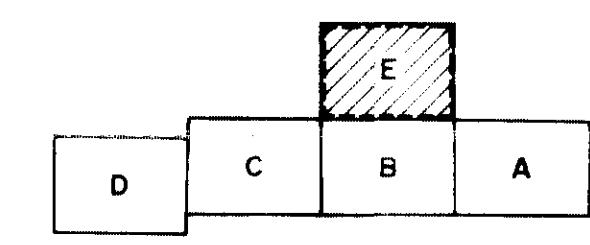
To Accompany & Report No. R.SOMERVILLE, P.104

Date NOV. 1980
MAR., 1982 City No. 17A



Ag

SHEET INDEX



GEOLOGICAL BRANCH
ASSESSMENT REPORT

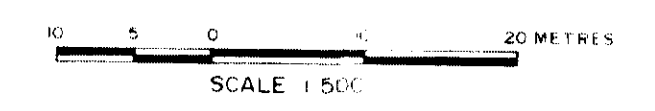
10,767

SYMBOLS

- Drift covered area
- Rock outcrop area of outcrop, float
- Geological boundary (defined, approximate, interpreted)
- Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)
- Bedding, tops unknown (inclined, vertical, dip unknown)
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
- Limestone, axes of minor folds (horizontal, inclined, vertical)
- Drag-fold (arrow indicates plunge)
- Fault (defined, approximate, interpreted)
- Fault (inclined, vertical)
- Fault (solid circle indicates downthrow side, arrows indicate relative movement)
- Thrust fault (approximate, interpreted)
- Shearing and dip
- Joint (horizontal, inclined, vertical, dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)

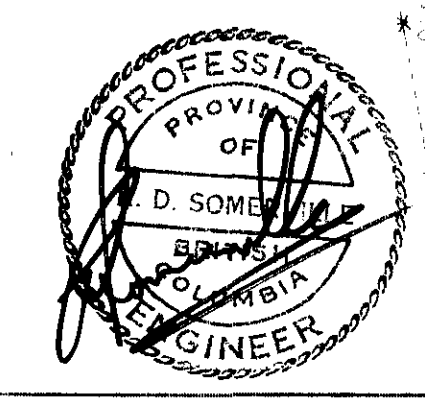
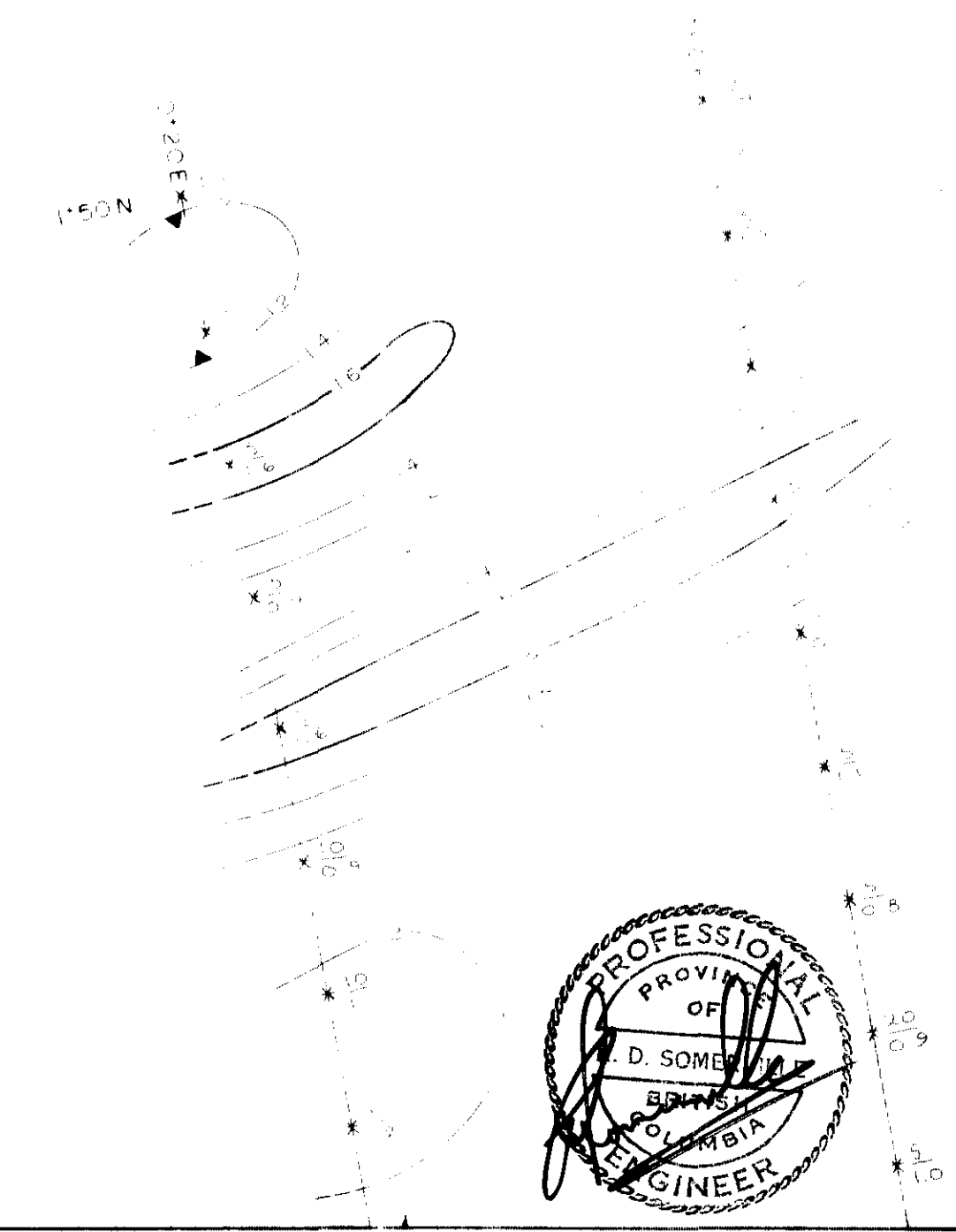
NOTE ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

- Trench
- Adit or tunnel
- Rock dump or tailing
- Quarry or mine
- Shaft, raise, winch
- Diamond drill hole
- Contours 2500 C 1
- Stream or creek (Perennial, intermittent)
- Marsh
- Lake
- Road
- Jeep Road
- Trail
- Trees



Ag in ppm

1.2-1.3	POSSIBLY ANOMALOUS
1.4-1.5	PROBABLY ANOMALOUS
1.6-2.1	ANOMALOUS
≥ 2.2	VERY ANOMALOUS



AJM EXPLORATION LTD

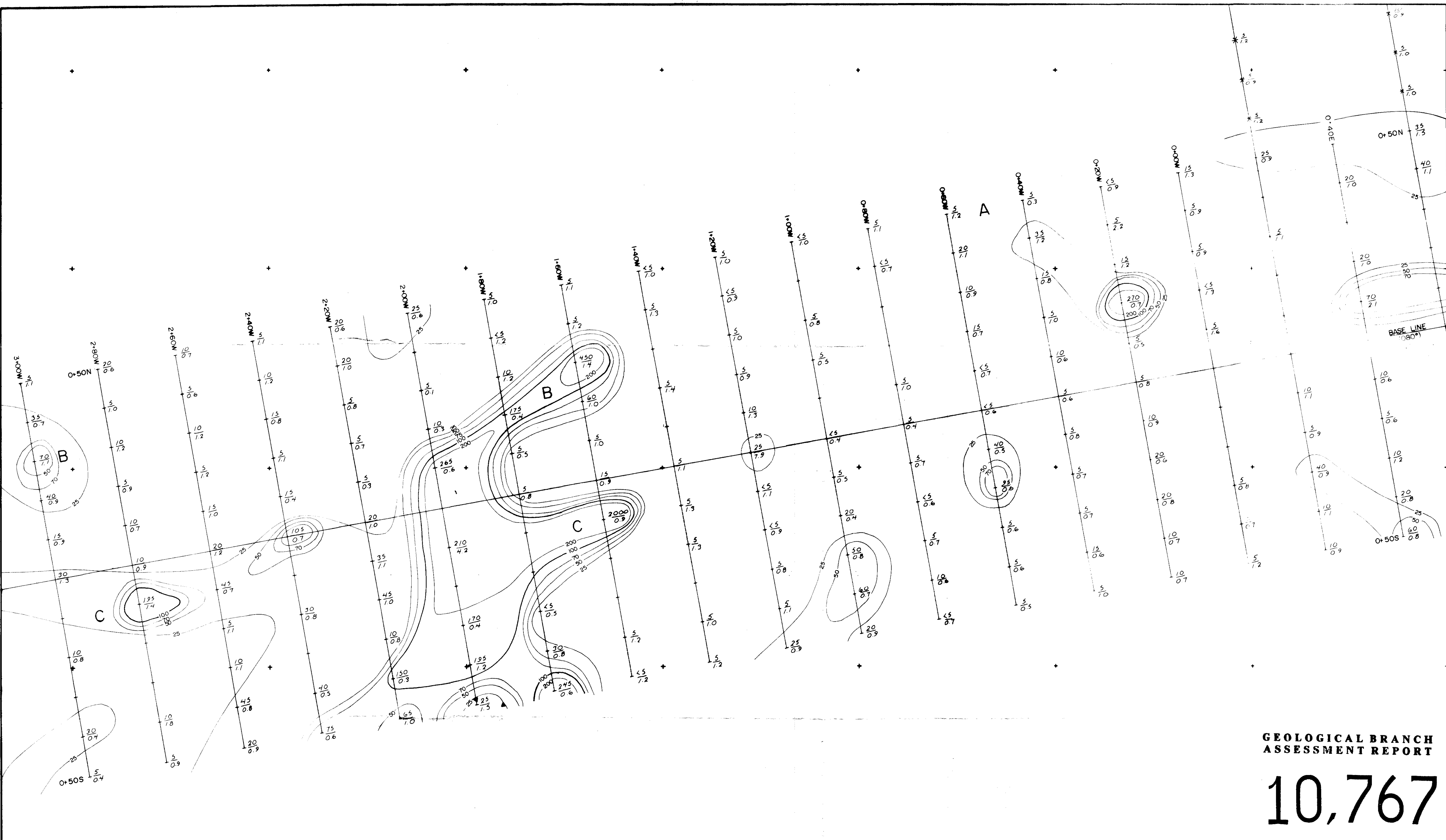
ELAN
SOIL SAMPLING
GOLD - SILVER

Project No. 1019 Mining Division LARD

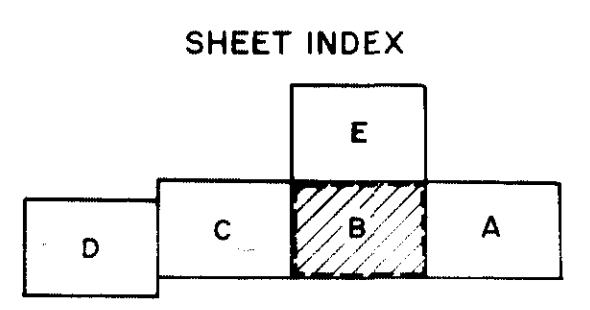
Latitude 59°17' Longitude 129°44'

NTS 104 P/S

To Accompany A Report By R. SOMERVILLE, P. Eng.
Dated NOV, 1980
MAR, 1982 Map No. 3-E



Au



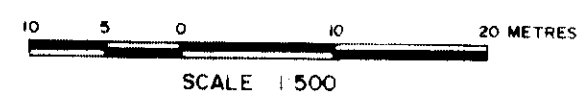
- SYMBOLS**
- Rock outcrop, area of outcrop, fault X (X) (X) (X)
 - Geological boundary (defined, approximate, interpreted)
 - Building, top unknown (horizontal, vertical, dip unknown), orientation, dip unknown
 - Building, top unknown (horizontal, vertical, dip unknown) of
 - Subsidence, subsidence, depression, settlement (horizontal, vertical, the unknown)
 - Lineation, area of other (horizontal, vertical, vertical)
 - Drainage (arrow indicates slope)
 - Fault (defined, approximate, interpreted)
 - Fault (local strike, indicated, displacement, strike, arrows indicate relative movement)
 - Thrust fault (approximate, interpreted)
 - Shearing and slip
 - Joint (horizontal, vertical, dip unknown)
 - Syncline (defined, approximate)
 - Anticline (defined, approximate)
 - Anticline and syncline (overturned)
 - Intensity (weak, moderate, strong)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

- Trench
- Adit or tunnel
- Rock dump or tailing
- Quarry or mine
- Shaft, mine, access
- Diamond-drill hole

10 70 Au ppb 19 ppb

- Contours 2000 C.I.
- Brown or creek (Perennial, intermittent)
- Marsh
- Leak
- Road
- Jeep Road
- Trail
- Trees



GEOLOGICAL BRANCH ASSESSMENT REPORT

10,767

Au in ppb

25-49	POSSIBLY ANOMALOUS
50-69	POSSIBLY ANOMALOUS
70-99	PROBABLY ANOMALOUS
100-199	ANOMALOUS
≥ 200	VERY ANOMALOUS

AJM EXPLORATIONS LTD

ELAN

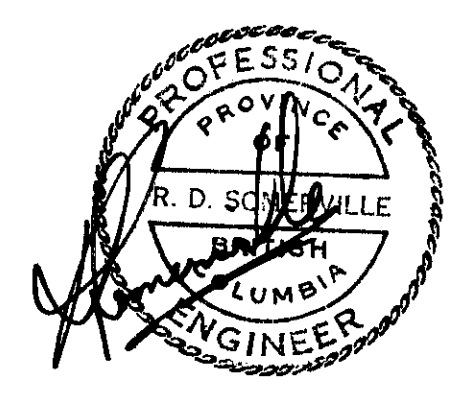
SOIL SAMPLING
GOLD-SILVER

Project No. 1019 Mining Division LIARD

Latitude 59°17' Longitude 129°54'

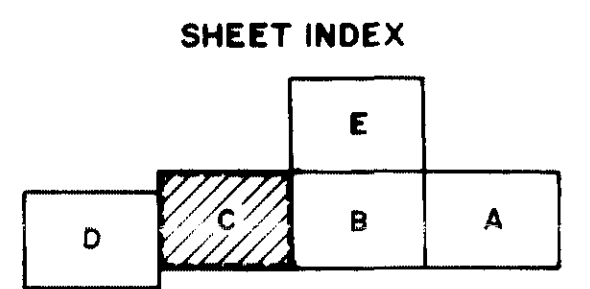
NTS 104 P/5

To Accompany A Report By R. SOMERVILLE, P. Eng
 Dated NOV. 1980
 MAR. 1982 Map No. 4-B





Au



SYMBOLS

- Drift-covered area
- Rock outcrop, size of outcrop, floor
- Geological boundary (defined, approximate, interpreted)
- Bedding, top known (horizontal, inclined, vertical, overturned), dip unknown
- Bedding, top unknown (horizontal, vertical, dip unknown)
- Subsidence, probably, change, failure (horizontal, inclined, vertical, dip unknown)
- Location, size of minor folds (horizontal, inclined, vertical)
- Deep-fold traces indicated along
- Peak (defined, approximate, interpreted)
- Peak (defined, vertical)
- Peak (local, strike-slip, thrust, normal, etc., stress indicates relative movement)
- Thrust fault (approximate, interpreted)
- Shearing and slip
- Joint (horizontal, inclined, vertical, dip unknown)
- Fracture (defined, approximate)
- Anticline (defined, approximate)
- Asymetric and syncline (approximate)
- Intensely forest, moderate, strong

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982

- Trench
- Adit or tunnel
- Rock dump or tailing
- Quarry or mine
- Shaft, rail, wire
- Diamond-drill hole

Contours: 2000 C.I.
Stream or creek (Perennial, intermittent)

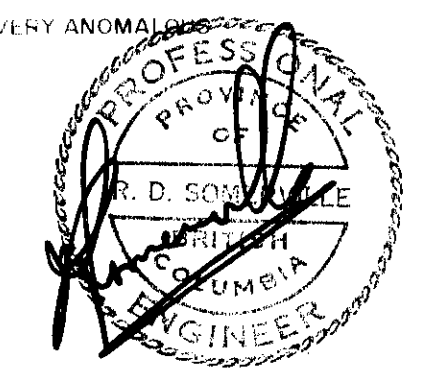
- Marsh
- Lake
- Road
- Jump Road
- Trail
- Tree

SCALE 1:500

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,767

Au in ppt	
25-49	POSSIBLY ANOMALOUS
50-69	POSSIBLY ANOMALOUS
70-99	PROBABLY ANOMALOUS
100-199	ANOMALOUS
200	VERY ANOMALOUS



AJM EXPLORATIONS LTD

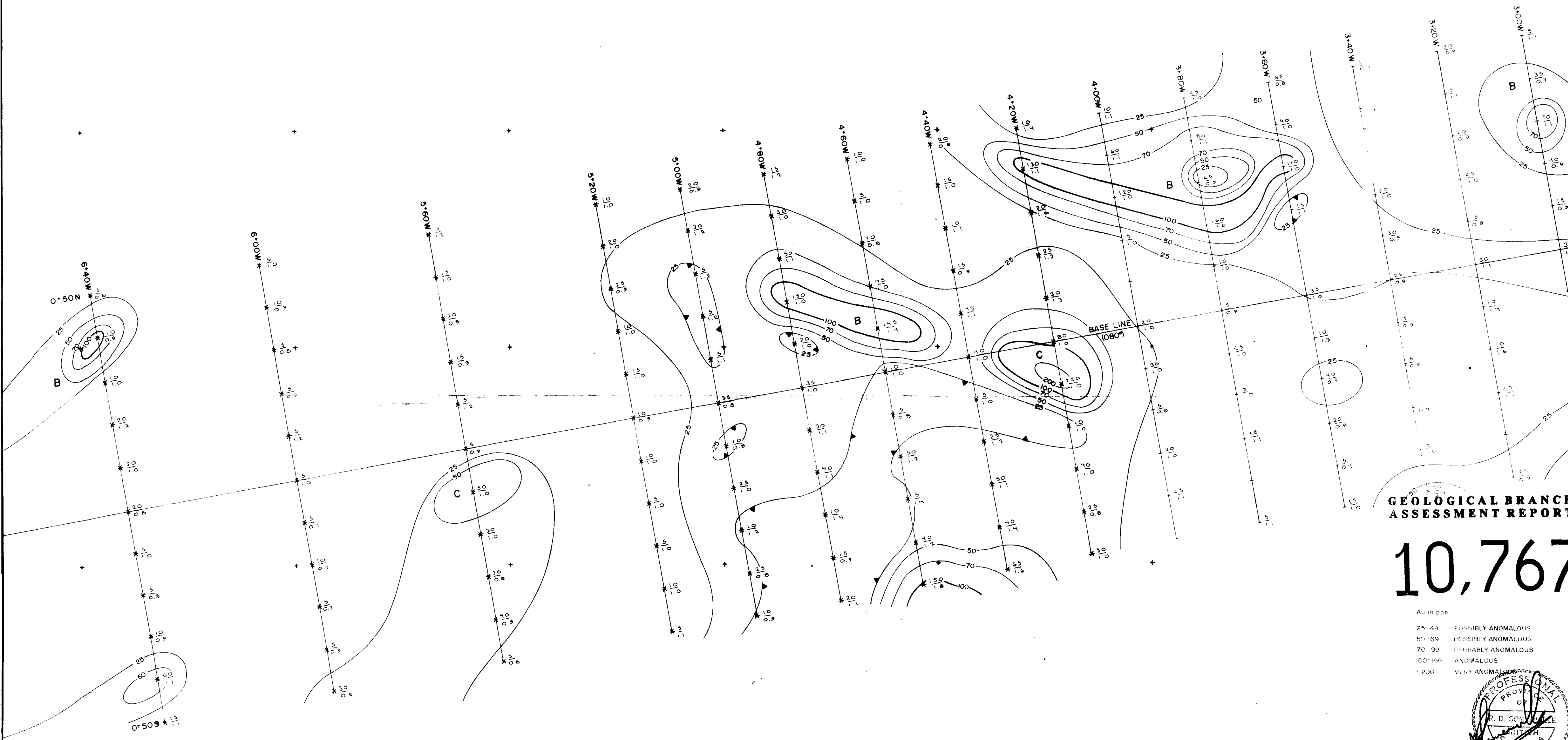
ELAN
SOIL SAMPLING
GOLD - SILVER

Project No. 1012 Mining Division LIARD

Latitude 59°17' Longitude 129°44'

NTS 10485

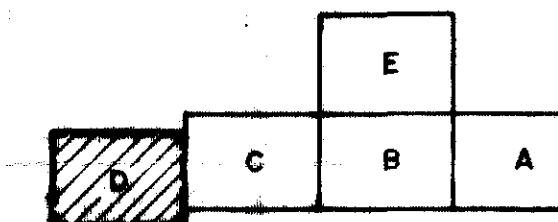
To Accompany A Report By: R. SOMERVILLE, P.Eng
Date: NOV, 1980
MAR, 1982 Map No. 4-C





Au

SHEET INDEX

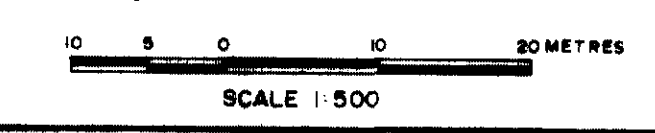


SYMBOLS

- Drift-covered area
- Rock outcrop, area of outcrop, float
- Geological boundary (defined, approximate, interpreted)
- Bedding, type known (horizontal, inclined, vertical, overturned, dip unknown)
- Bedding, type unknown (inclined, vertical, dip unknown)
- Stratigraphy, grossity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
- Location, axis of water table (horizontal, inclined, vertical)
- Drop-field (arrow indicates change)
- Fault (defined, approximate, interpreted)
- Fault (inclined, vertical)
- Fault (solid circle indicates approximate side, arrows indicate relative movement)
- Thrust fault (approximate, interpreted)
- Shearing and slip
- Joint (horizontal, inclined, vertical, dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, medium, strong)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

- Trench
- Adit or tunnel
- Rock dump or tailings
- Quarry or mine
- Shaft, raise, winn
- Diamond-drill hole
- Contours 2500 C.I
- Stream or creek (Perennial, intermittent)
- Marsh
- Lake
- Road
- Jeep Road
- Trail
- Tree



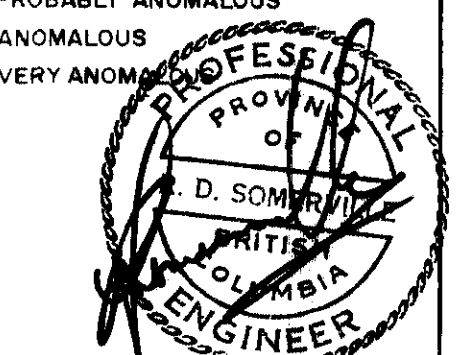
AJM EXPLORATIONS LTD

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,767

Au in ppb

25-49	POSSIBLY ANOMALOUS
50-69	POSSIBLY ANOMALOUS
70-99	PROBABLY ANOMALOUS
100-199	ANOMALOUS
≥ 200	VERY ANOMALOUS



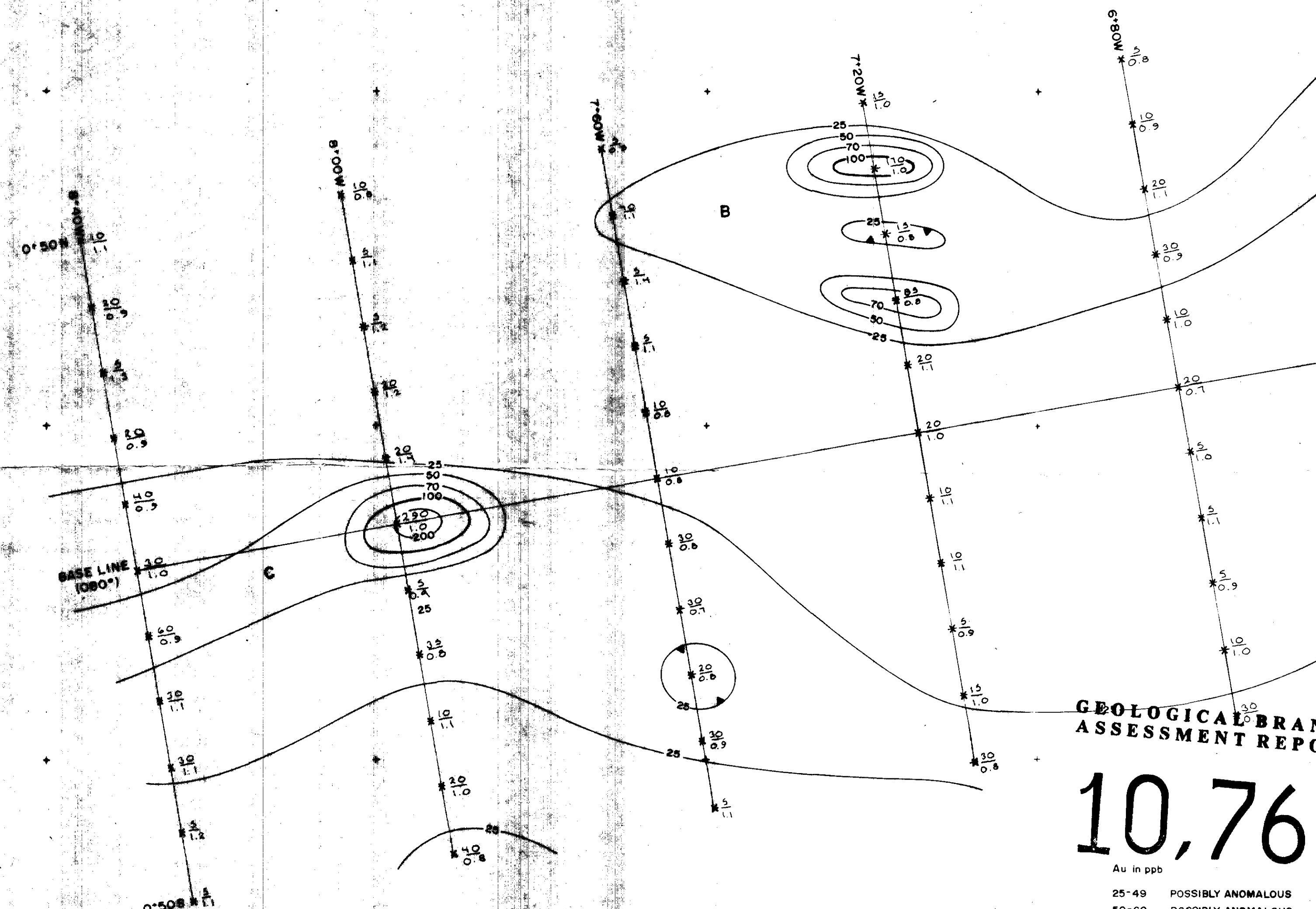
ELAN SOIL SAMPLING GOLD-SILVER

Project No. 1019 Mining Division LIARD

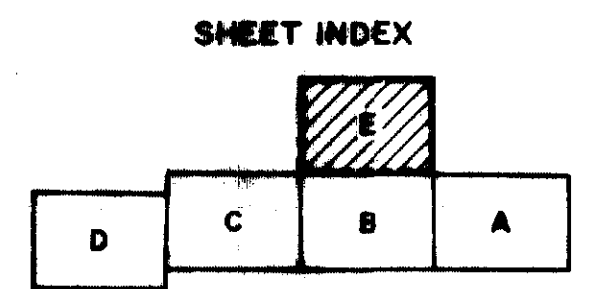
Latitude 99°17' Longitude 129°44'

NTS 104 P/5

To Accompany A Report By R. SOMERVILLE, P.Eng
 Dated NOV. 1980
 MAR. 1982 Map No. 4-D



Au

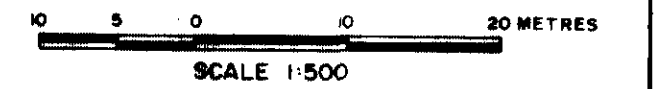


- SYMBOLS**
- Differential area
 - Risk contour, one of contour, then X
 - Biological boundary (indicated, approximate interval)
 - Building, type known (horizontal, inclined, vertical, overturned, dip unknown)
 - Building, type unknown (horizontal, vertical, dip unknown)
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
 - Lineation, one of minor folds (horizontal, inclined, vertical)
 - Drop-fold (arrow indicates plunge)
 - Fault (horizontal, approximate, interpreted)
 - Fault (horizontal, vertical)
 - Fault (solid circle indicates dip-slip sense, arrow indicates relative movement)
 - Thrust fault (approximate, interpreted)
 - Shearing and slip
 - Joint (horizontal, inclined, vertical, dip unknown)
 - Syncline (horizontal, approximate)
 - Anticline (horizontal, approximate)
 - Anticline and syncline (overturned)
 - Inconformity (erosion, unconformity)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

- Trench
 - Adit or tunnel
 - Risk dump or tailing
 - Quarry or mine
 - Shaft, pier, mine
 - Diamond-drill hole
- Au 1.0 ppb
 Ag 1.0 ppb

- Contours 2000 C.I.
- Stream or creek (Perennial, intermittent)
- Marsh etc. etc.
- Lake
- Road
- Asp Road
- Trail
- Tree



ALM EXPLORATIONS LTD

ELAN
SOIL SAMPLING
GOLD-SILVER

Project No. 1019 Mining Division LIARD

Latitude 59°17' Longitude 128°44'

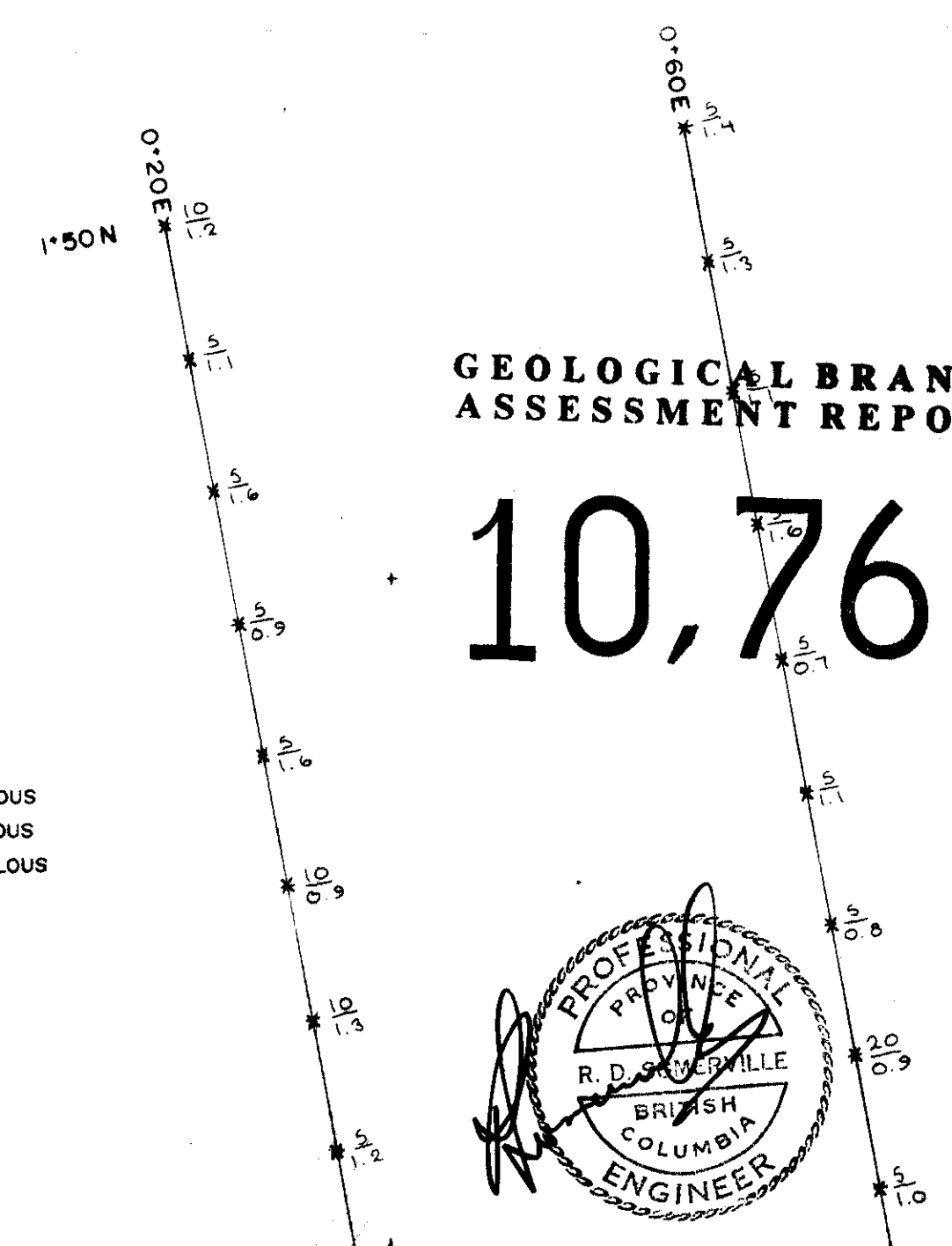
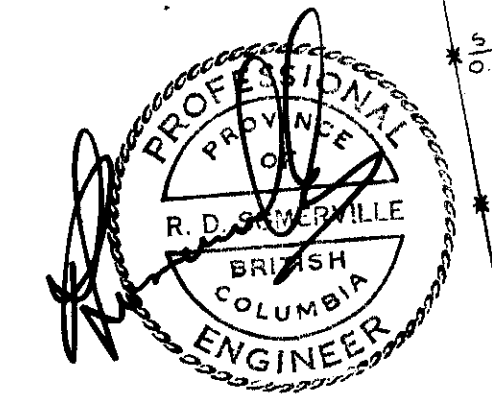
N78 104 P/S

To Accompany A Report By: R. SOMERVILLE, P. Eng.
Date: NOV. 1980
MAR. 1982 Map No. 4-E

- Au in ppb
- 25-49 POSSIBLY ANOMALOUS
 - 50-99 POSSIBLY ANOMALOUS
 - 70-99 PROBABLY ANOMALOUS
 - 100-199 ANOMALOUS
 - ≥ 200 VERY ANOMALOUS

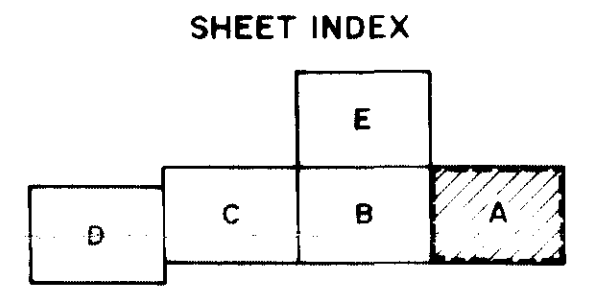
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,767





Sb



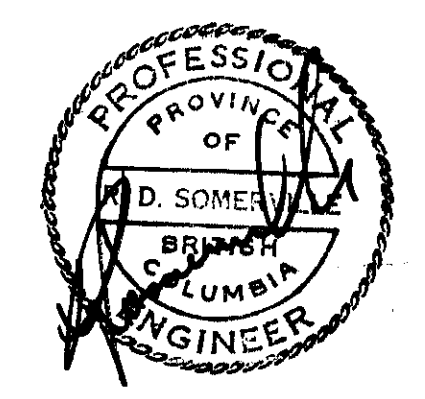
- SYMBOLS**
- Drift covered area: [stippled symbol]
 - Rock outcrop area of outcrop, flat: [symbol with 'X' and circled 'X']
 - Geological boundary (defined, approximate, interpreted): [dashed line]
 - Bedding, top known (horizontal, inclined, vertical, overturned, dip unknown): [symbol with 'X' and arrow]
 - Bedding, top unknown (inclined, vertical, dip unknown): [symbol with arrow]
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown): [symbol with arrow]
 - Lamination, axes of minor folds (horizontal, inclined, vertical): [symbol with arrow]
 - Drag-fold (arrow indicates plunge): [symbol with arrow]
 - Fault (defined, approximate, interpreted): [symbol with wavy line]
 - Fault (inclined, vertical): [symbol with wavy line]
 - Fault (solid circle indicates downthrow side, arrows indicate relative movement): [symbol with circle and arrows]
 - Thrust fault (approximate, interpreted): [symbol with wavy line]
 - Shearing and dip: [symbol with arrow]
 - Joint (horizontal, inclined, vertical, dip unknown): [symbol with arrow]
 - Syncline (defined, approximate): [symbol with '+' and '-' signs]
 - Anticline (defined, approximate): [symbol with '+' and '-' signs]
 - Anticline and syncline (overturned): [symbol with '+' and '-' signs]
 - Intensity (weak, moderate, strong): [symbol with arrow]
- NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982
- Trench: [symbol]
 - Adit or tunnel: [symbol]
 - Rock dump or tailing: [symbol]
 - Quarry or mine: [symbol]
 - Shaft, raise, winz: [symbol]
 - Diamond-drill hole: [symbol]
- 70 Sb ppm

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,767

- Contours: 2500 C.I.
 - Stream or creek (Perennial, intermittent): [symbol]
 - Marsh: [symbol]
 - Lake: [symbol]
 - Road: [symbol]
 - Jeep Road: [symbol]
 - Trail: [symbol]
 - Trees: [symbol]
- SCALE 1:500

Sb in ppm
 40-54 POSSIBLY ANOMALOUS
 55-69 PROBABLY ANOMALOUS
 70-89 ANOMALOUS
 > 90 VERY ANOMALOUS



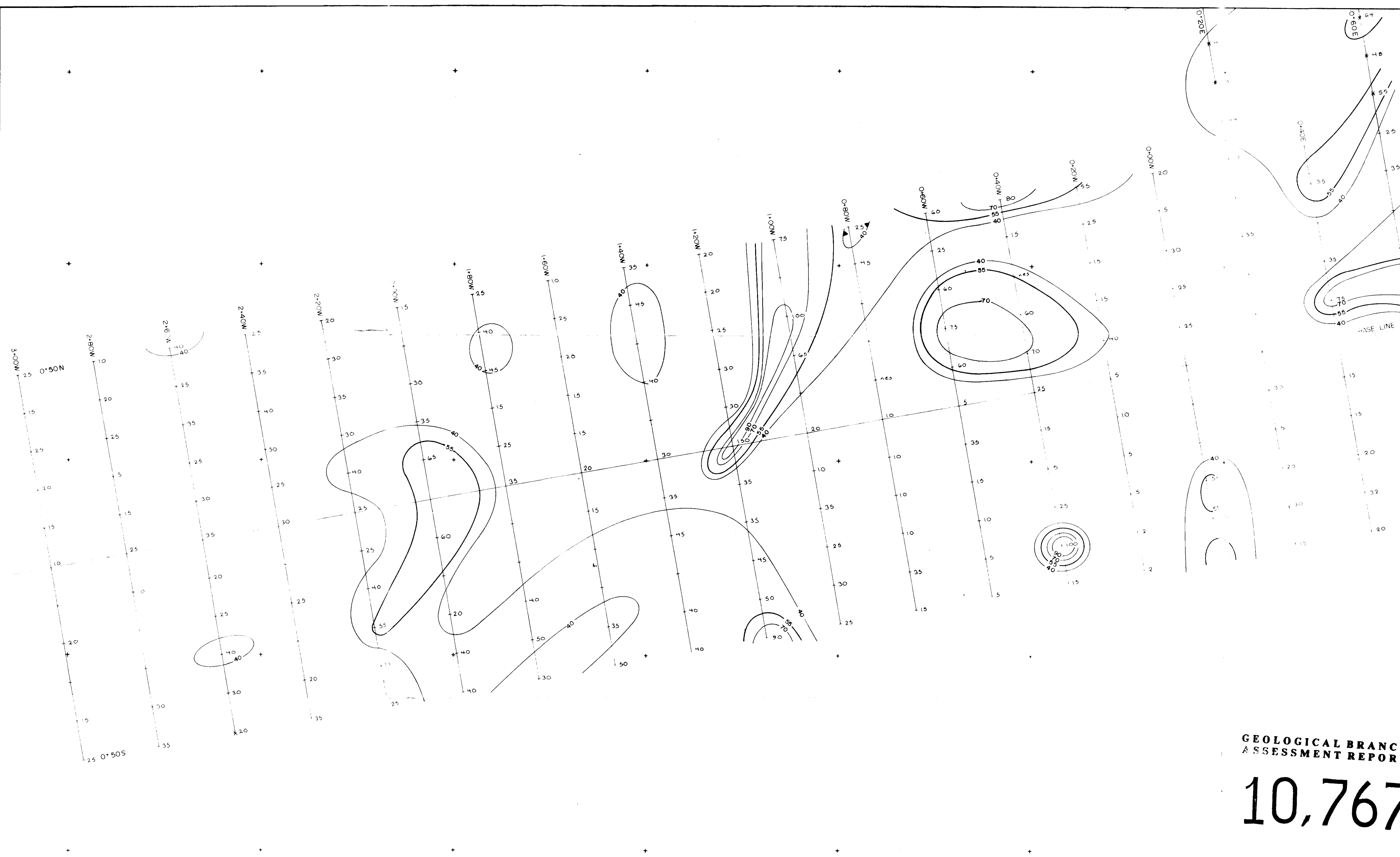
AJM EXPLORATIONS LTD.

ELAN SOIL SAMPLING ANTIMONY

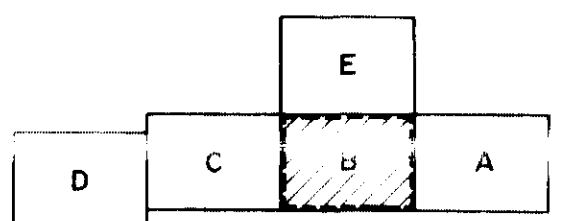
Project No. 019 Mining Division LIARD
 Latitude 59°17' Longitude 129°44'
 NTS 104P/5

To Accompany A Report By R. MERVILLE, P.Eng.
 Dated NOV. 1980
 MAR. 1982 Map No. 5-A

Sb



SHEET INDEX



SYMBOLS

- Drift covered area
- Rock outcrop area of outcrop float
- Geological boundary (defined, approximate, interpreted)
- Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)
- Bedding, tops unknown (inclined, vertical, dip unknown)
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
- Lineation, axes of minor folds (horizontal, inclined, vertical)
- Drag fold (arrow indicates plunge)
- Fault (defined, approximate, interpreted)
- Fault (inclined, vertical)
- Fault (solid circle indicates downthrow side, arrows indicate relative movement)
- Thrust fault (approximate, interpreted)
- Shearing and dip
- Joint (horizontal, inclined, vertical, dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)

NOTE ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982

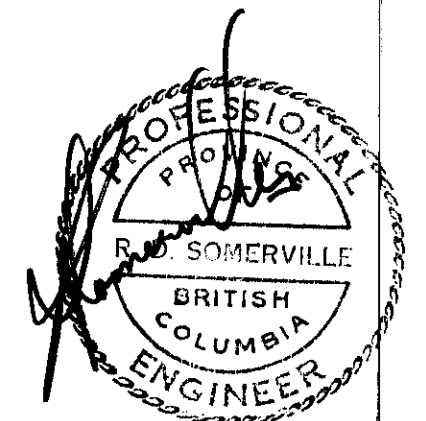
- Trench
- Adit or tunnel
- Rock dump or tailings
- Quarry or mine
- Shaft, raise winch
- Diamond drill hole

- Contours 2500 C1
- Stream or creek (Perennial, intermittent)
- Marsh
- Lake
- Road
- Jeep Road
- Trail
- Trees

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,767

Sb in ppm	
40-54	POSSIBLY ANOMALOUS
55-69	PROBABLY ANOMALOUS
70-89	ANOMALOUS
+90	VERY ANOMALOUS



ELAN
SOIL SAMPLE
ANTIMONY

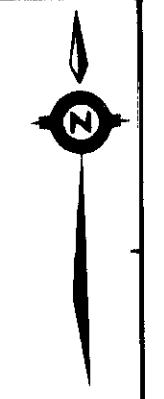
Project No. 1019 Mining Division L16ms

Latitude 59°17' Longitude 120°44'

NTS 104 P25

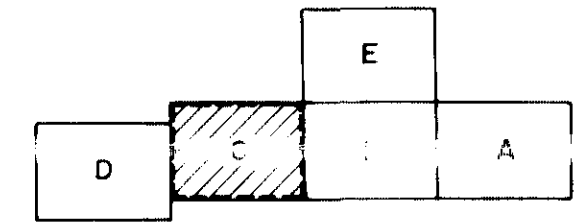
To Accompany A Report By R. Somerville, P. Eng.
Dated NOV. 1980
MAR. 1982

Map No. 5-B



Sb

SHEET INDEX



SYMBOLS

- Drift covered area
- Rock outcrop area of outcrop float
- Geological boundary (defined, approximate, interpreted)
- Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)
- Bedding, tops unknown (inclined, vertical, dip unknown)
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
- Lamination, axes of minor folds (horizontal, inclined, vertical)
- Drag-fold (arrow indicates plunge)
- Fault (defined, approximate, interpreted)
- Fault (inclined, vertical)
- Fault (solid circle indicates downthrow side, arrows indicate relative movement)
- Thrust fault (approximate, interpreted)
- Shearing and dip
- Joint (horizontal, inclined, vertical, dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982

- Trench
- Adit or tunnel
- Rock dump or talings
- Quarry or mine
- Shaft, raise, water
- Diamond drill hole

TO 56 ppm

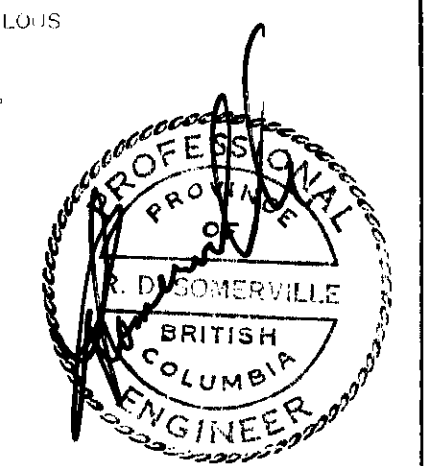
- Contours
- Stream or creek (Perennial, intermittent)
- Marsh
- Lake
- Road
- Jeep Road
- Trail
- Trees

SCALE 1:50,000

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,767

- POSSIBLY ANOMALOUS
- PROBABLY ANOMALOUS
- ANOMALOUS
- VERY ANOMALOUS



ELAN SOIL SAMPLE ANTIMONY

Project No. 1019 Mining Division 1-21-82

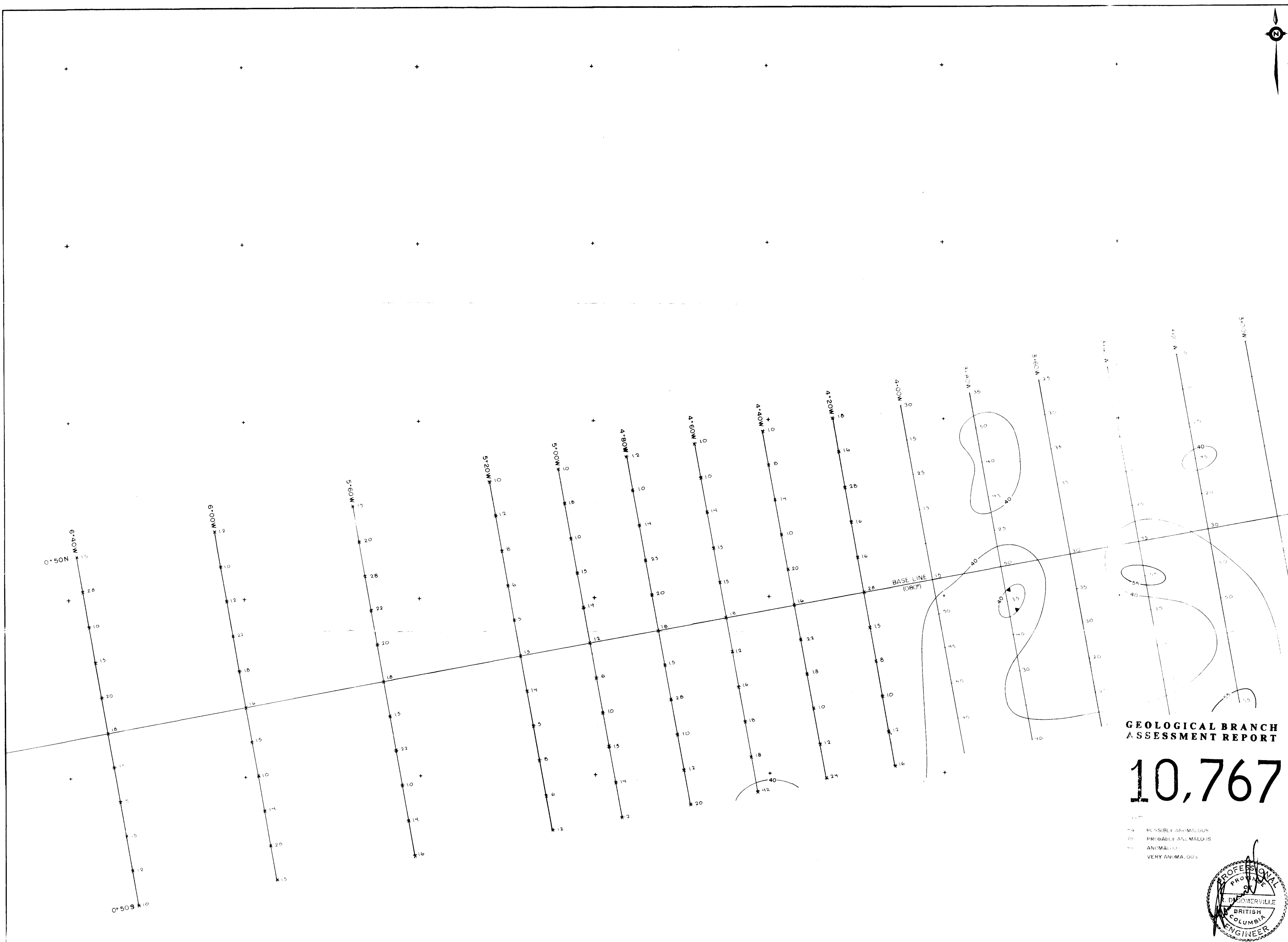
Latitude 59°17' Longitude 129°44'

NTS 1:50,000

To Accompany A Report By R. SOMERVILLE, P. Eng.

Dated NOV. 1982

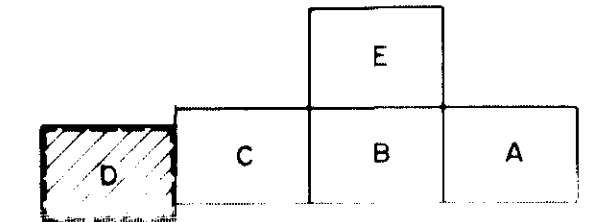
MAR. 1982 Map No. 5-C





Sb

SHEET INDEX



SYMBOLS

- Drift covered area (XXXX)
- Rock outcrop area of outcrop float (XXX)
- Geological boundary (defined approximate interpreted)
- Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown) (+, /, \, /, \)
- Bedding, tops unknown (inclined, vertical, dip unknown) (/, \, /, \)
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown) (//, \\, //, \\)
- Lamination axes of minor folds (horizontal, inclined, vertical) (//, \\, //, \\)
- Drag fold (arrow indicates plunge) (//, \\)
- Fault (defined approximate, interpreted) (~~~~~)
- Fault (inclined, vertical) (~~~~~)
- Fault (solid circle indicated downthrow side, arrows indicate relative movement) (~~~~~)
- Thrust fault (approximate, interpreted) (~~~~~)
- Shearing and dip (/, \)
- Joint (horizontal, inclined, vertical, dip unknown) (+, /, \)
- Syncline (defined approximate) (+, -)
- Anticline (defined approximate) (-, +)
- Anticline and syncline (overturned) (-, +)
- Intensity (weak, moderate, strong) (//, \\, //, \\)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982

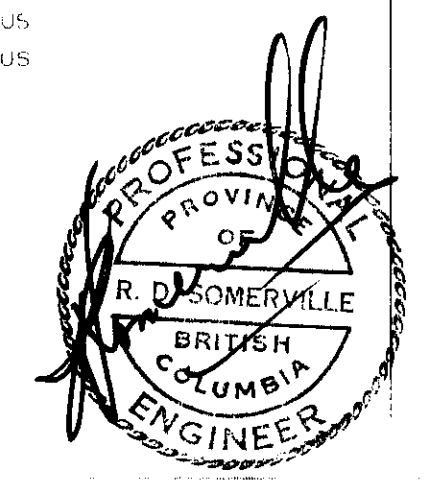
- Trench (---)
- Adit or tunnel (---)
- Rock dump or tailings (XXXX)
- Quarry or mine (X)
- Shaft, raise, winze (X)
- Diamond drill hole (O)
- Contours (--- 2500 ---)
- Stream or creek (Perennial, intermittent) (---)
- Marsh (XXXX)
- Lake (O)
- Road (---)
- Jeep Road (---)
- Trail (---)
- Trees (XXXX)

SCALE 50'

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,767

- 4 POSSIBLY ANOMALOUS
- 5 PROBABLY ANOMALOUS
- 6 ANOMALOUS
- 7 VERY ANOMALOUS



ELAN SOIL SAMPLING ANTIMONY

Project No. 1019 Mining Division ELAN

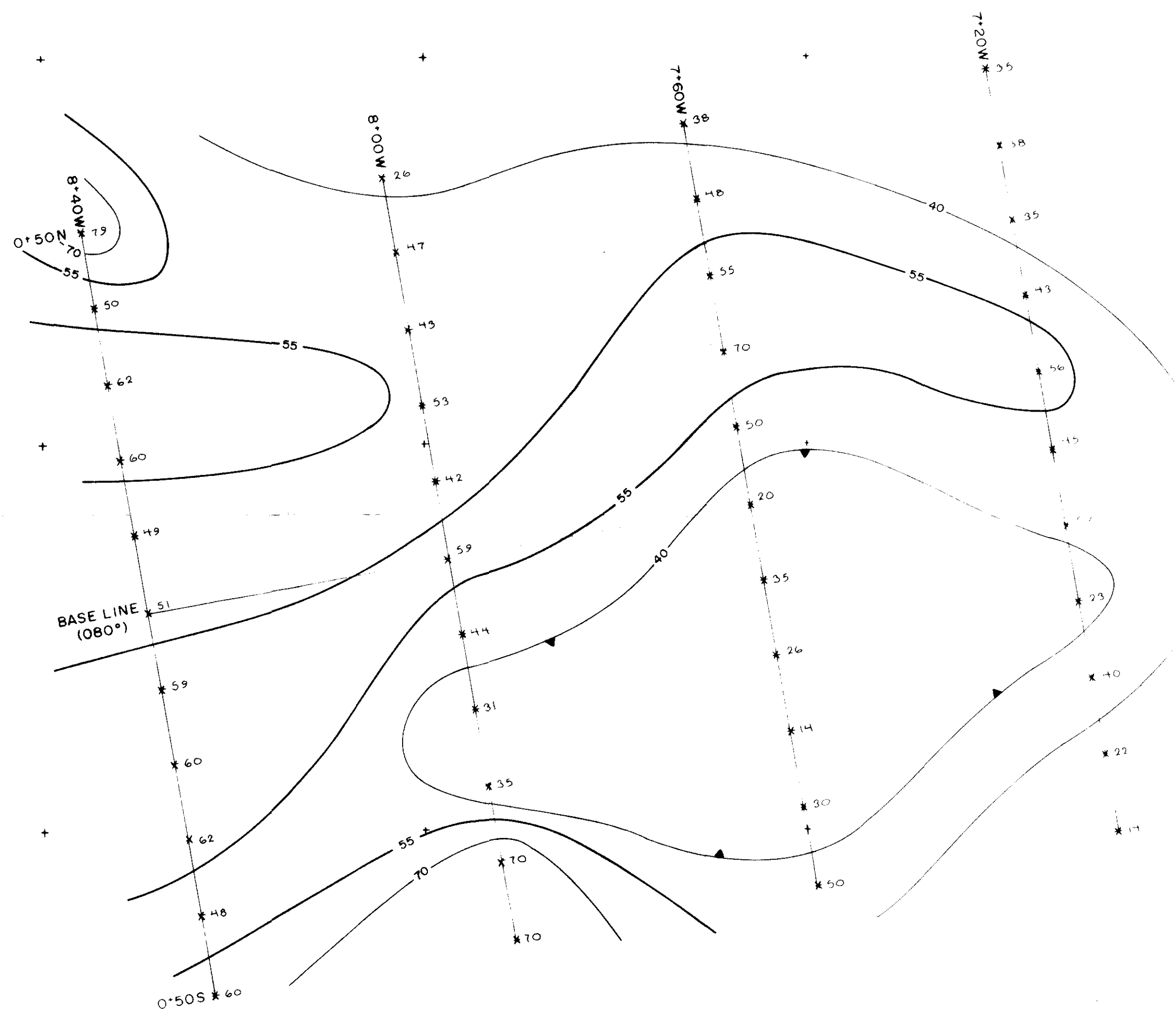
Latitude 59°17' Longitude 29°44'

NTS 1:104 P/S

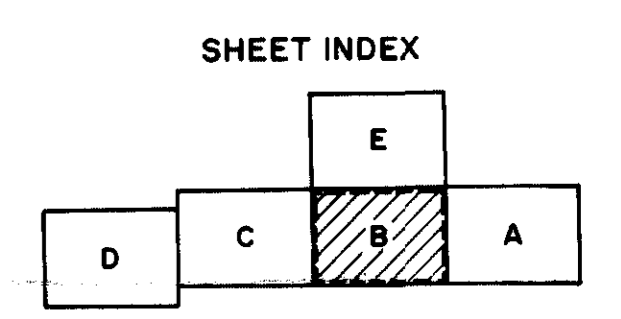
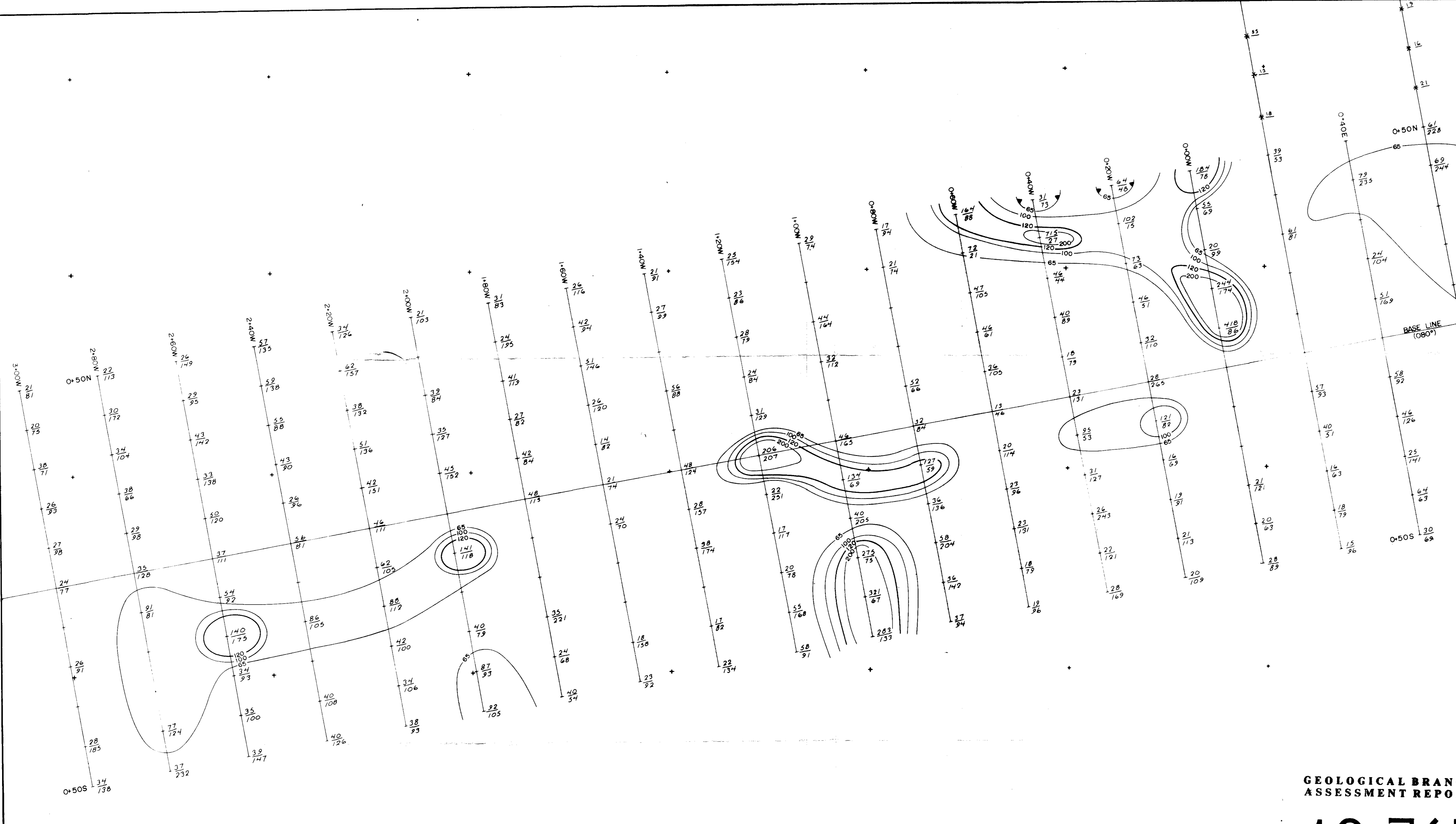
For Assesment & Report By R. D. SOMERVILLE, P. Eng.

Date: NOV 1981

Map No. 104 P/S



Cu



SYMBOLS

Drifted area:

Peak contour, area of anomaly, that is:

Geological boundary (defined, approximate, interpreted):

Building, open structure (defined, vertical, horizontal, curved):

Structure, generally, change, feature (horizontal, vertical, dip, defined, vertical, dip, defined):

Location, area of other hole (horizontal, vertical, defined, vertical):

Drifted former (defined, change):

Peak (defined, approximate, interpreted):

Peak (defined, vertical, horizontal):

Peak (level, area, defined, approximate, etc., area, defined, other, interpreted):

Track (defined, interpreted):

Stream and dip:

Area (horizontal, defined, vertical, dip, defined):

Symbol (defined, approximate):

Area (defined, approximate):

Area (and symbol) (horizontal):

Intensity (level, vertical, area):

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

Track:

Area or level:

Peak, change or building:

Change or area:

Peak, area, area:

Drifted-hole hole:

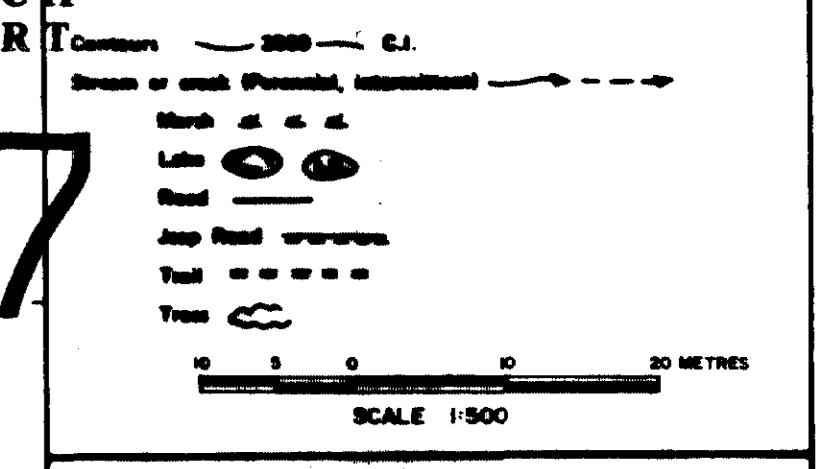
30 Cu ppm
20 Zn ppm

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,767

Cu in ppm

65 - 99	POSSIBLY ANOMALOUS
100 - 119	PROBABLY ANOMALOUS
120 - 199	ANOMALOUS
≥ 200	VERY ANOMALOUS



ELAN
SOIL SAMPLING
COPPER-ZINC

Project No. 100 Mining Division LIARD

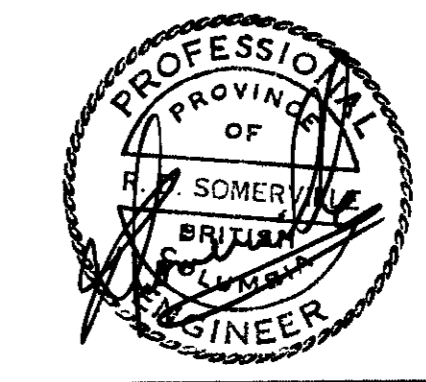
Latitude 38° 17' Longitude 122° 54'

NTP 04 P/3

To Accompany A Report By: R. SOMERVILLE, P. Eng.

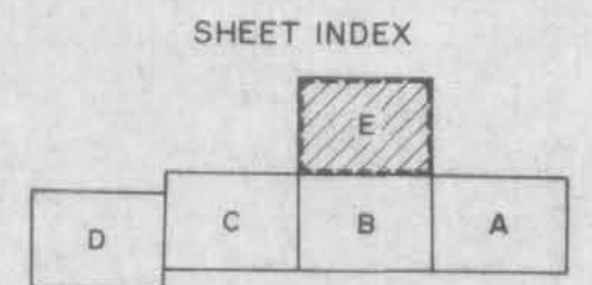
Date: NOV. 1980
MAR., 1982

Map No. 1-B





Sb

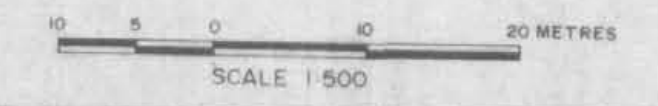


SYMBOLS

- Drift covered area
- Rock outcrop area of outcrop float
- Geological boundary (defined, approximate, interpreted)
- Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown)
- Bedding, tops unknown (inclined, vertical, dip unknown)
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
- Lamination, axis of minor folds (horizontal, inclined, vertical)
- Drag-fold (arrow indicates plunge)
- Fault (defined, approximate, interpreted)
- Fault (inclined, vertical)
- Fault (solid circle indicates downthrow side, arrows indicate relative movement)
- Thrust fault (approximate, interpreted)
- Shearing and dip
- Joint (horizontal, inclined, vertical, dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

- Trench
- Adit or tunnel
- Rock dump or tailings
- Quarry or mine
- Shaft, raise, winze
- Diamond drill hole
- T.O. Sb ppm
- Contours
- Stream or creek (Perennial, intermittent)
- Marsh
- Lake
- Road
- Jeep Road
- Trail
- Trees

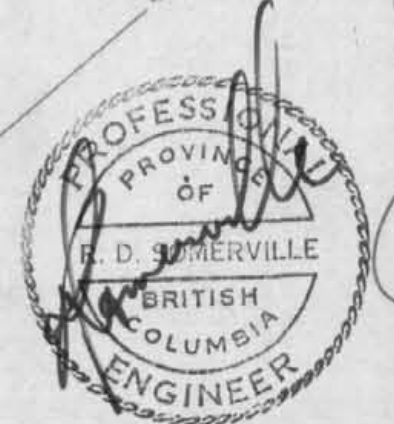


AJM EXPLORATIONS LTD

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,767

- Sb in ppm
- 40-54 POSSIBLY ANOMALOUS
- 55-69 PROBABLY ANOMALOUS
- 70-89 ANOMALOUS
- > 90 VERY ANOMALOUS



**ELAN
SOIL SAMPLING
ANTIMONY**

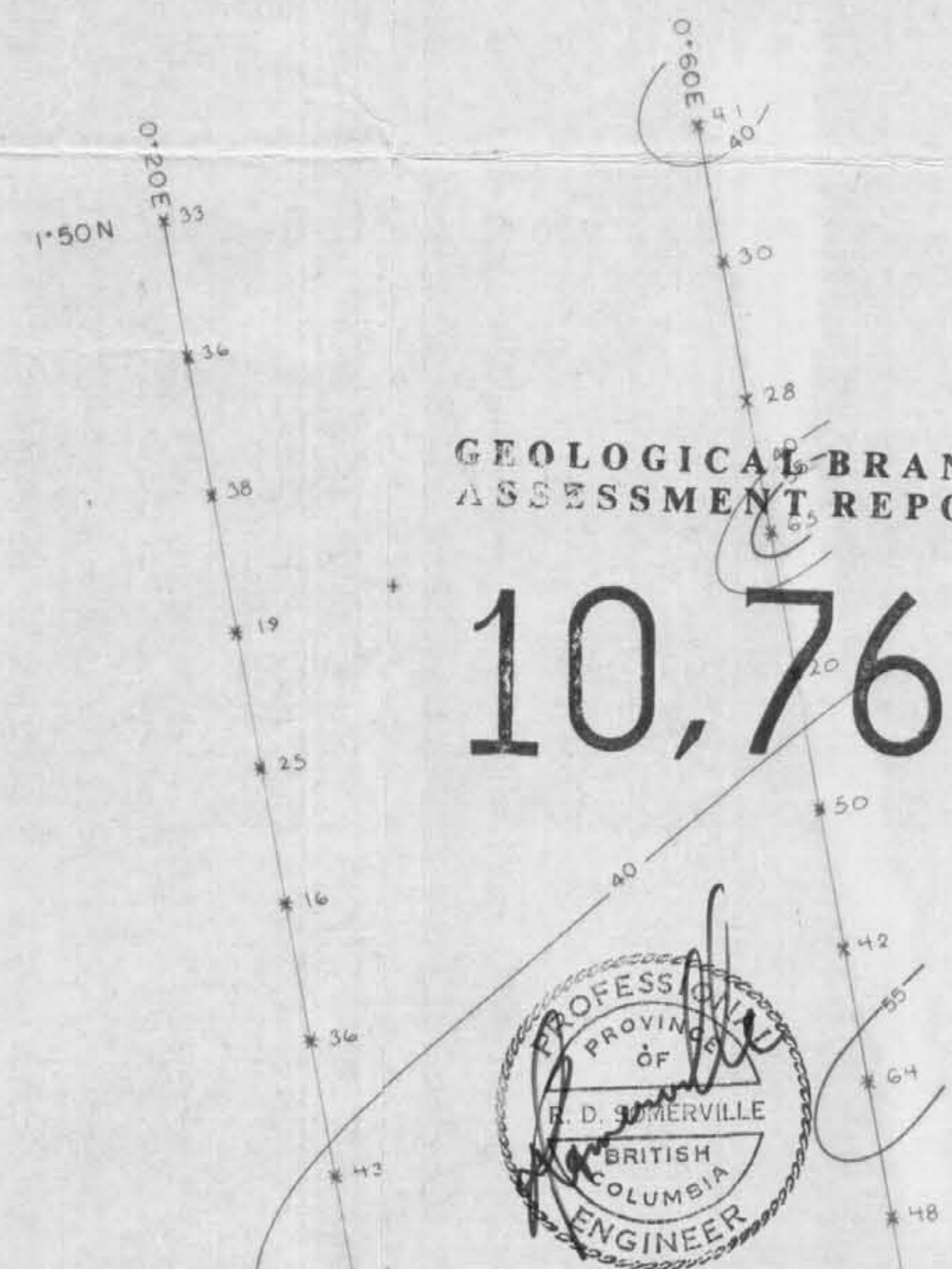
Project No. 1019 Mining Division LIARD

Latitude 59° 17' Longitude 129° 44'

NTS 104 P/5

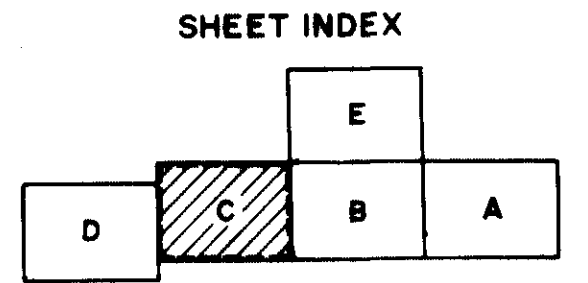
To Accompany A Report By R. SOMERVILLE, P. Eng.
 Dated NOV, 1980
 MAR, 1982

Map No. 5-E





Cu



- SYMBOLS**
- Drift-covered area
 - Rock outcrop, area of outcrop, Part X
 - Geological boundary (defined, approximate, interpreted)
 - Bedding, dips known (horizontal, inclined, vertical, overturned, dip unknown)
 - Bedding, dips unknown (inclined, vertical, dip unknown)
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
 - Lamination, zone of minor folds (horizontal, inclined, vertical)
 - Drop-fold (arrow indicates plunge)
 - Fault (defined, approximate, interpreted)
 - Fault (solid circle indicates downthrown side, arrows indicate relative movement)
 - Thrust fault (approximate, interpreted)
 - Shearing and dip
 - Joint (horizontal, inclined, vertical, dip unknown)
 - Syncline (defined, approximate)
 - Anticline (defined, approximate)
 - Anticline and syncline (overturned)
 - Inconity (weak, moderate, strong)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

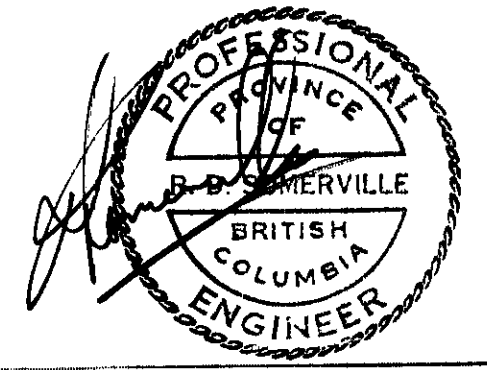
- Trench
 - Adit or tunnel
 - Rock dump or tailings
 - Quarry or mine
 - Shaft, mine, mine
 - Diamond-drill hole
- 20 Cu ppm
30 Zn ppm

- Contours 2000 C.I.
 - Stream or creek (Perennial, intermittent)
 - Marsh
 - Lake
 - Road
 - Jeep Road
 - Tail
 - Tree
- SCALE 1:500

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,767

Cu in ppm
65-99 POSSIBLY ANOMALOUS
100-119 PROBABLY ANOMALOUS
120-199 ANOMALOUS
200 VERY ANOMALOUS



AJM EXPLORATIONS LTD

ELAN
SOIL SAMPLING
COPPER - ZINC

Project No. 1019 Mining Division LIARD

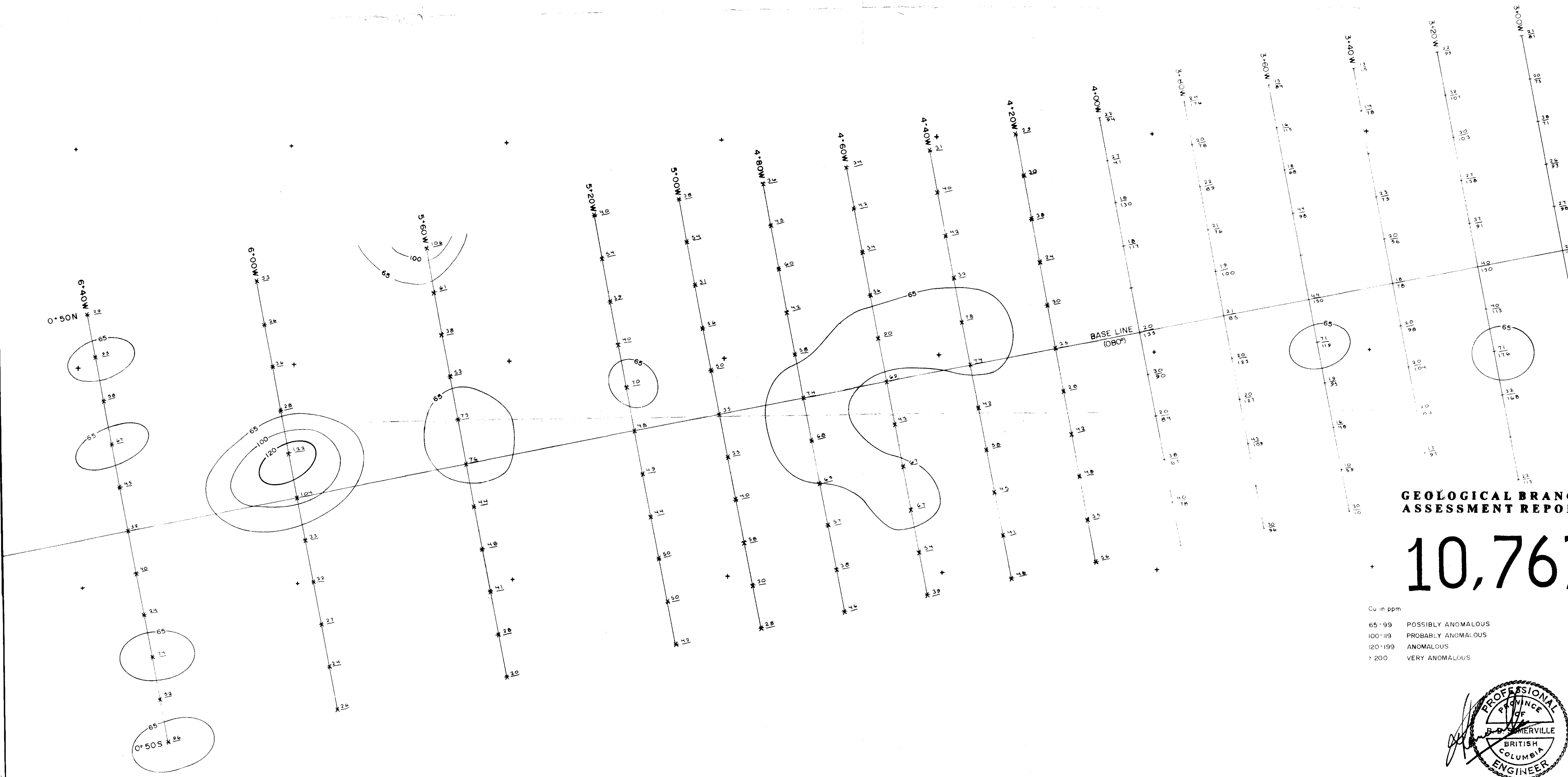
Latitude 59°17' Longitude 129°44'

NTS 104 P/S

To Accompany A Report By R SOMERVILLE, P.Eng.

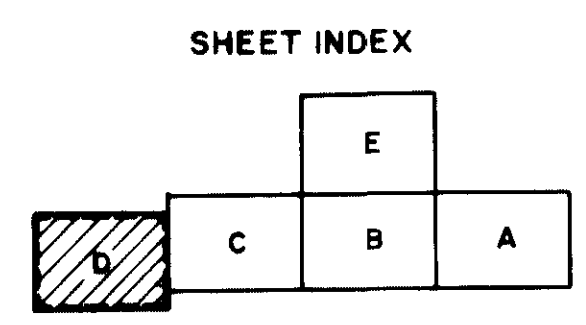
Dated NOV. 1980
MAR. 1982

Map No. 1-C





Cu



- SYMBOLS**
- Drift-covered area: [Symbol]
 - Rock outcrop, area of outcrop, float: [Symbol]
 - Geological boundary (defined, approximate, interpreted): [Symbol]
 - Bedding, type known (horizontal, inclined, vertical, overturned, dip unknown): [Symbol]
 - Bedding, type unknown (inclined, vertical, dip unknown): [Symbol]
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown): [Symbol]
 - Lineation, axes of minor folds (horizontal, inclined, vertical): [Symbol]
 - Drag-fold (arrow indicates plunge): [Symbol]
 - Fault (defined, approximate, interpreted): [Symbol]
 - Fault (inclined, vertical): [Symbol]
 - Fault (solid circle indicates downthrown side, arrows indicate relative movement): [Symbol]
 - Thrust fault (approximate, interpreted): [Symbol]
 - Shearing and slip: [Symbol]
 - Joint (horizontal, inclined, vertical, dip unknown): [Symbol]
 - Syncline (defined, approximate): [Symbol]
 - Anticline (defined, approximate): [Symbol]
 - Anticline and syncline (overturned): [Symbol]
 - Intensity (weak, moderate, strong): [Symbol]

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

- Trench: [Symbol]
- Adit or tunnel: [Symbol]
- Rock dump or tailing: [Symbol]
- Quarry or mine: [Symbol]
- Shaft, raise, winze: [Symbol]
- Diamond-drill hole: [Symbol]
- Contours: 2500 C.I.
- Stream or creek (Perennial, intermittent): [Symbol]
- Marsh etc. etc.: [Symbol]
- Lake: [Symbol]
- Road: [Symbol]
- Jeep Road: [Symbol]
- Trail: [Symbol]
- Tree: [Symbol]

SCALE 1:500

AJM EXPLORATIONS LTD

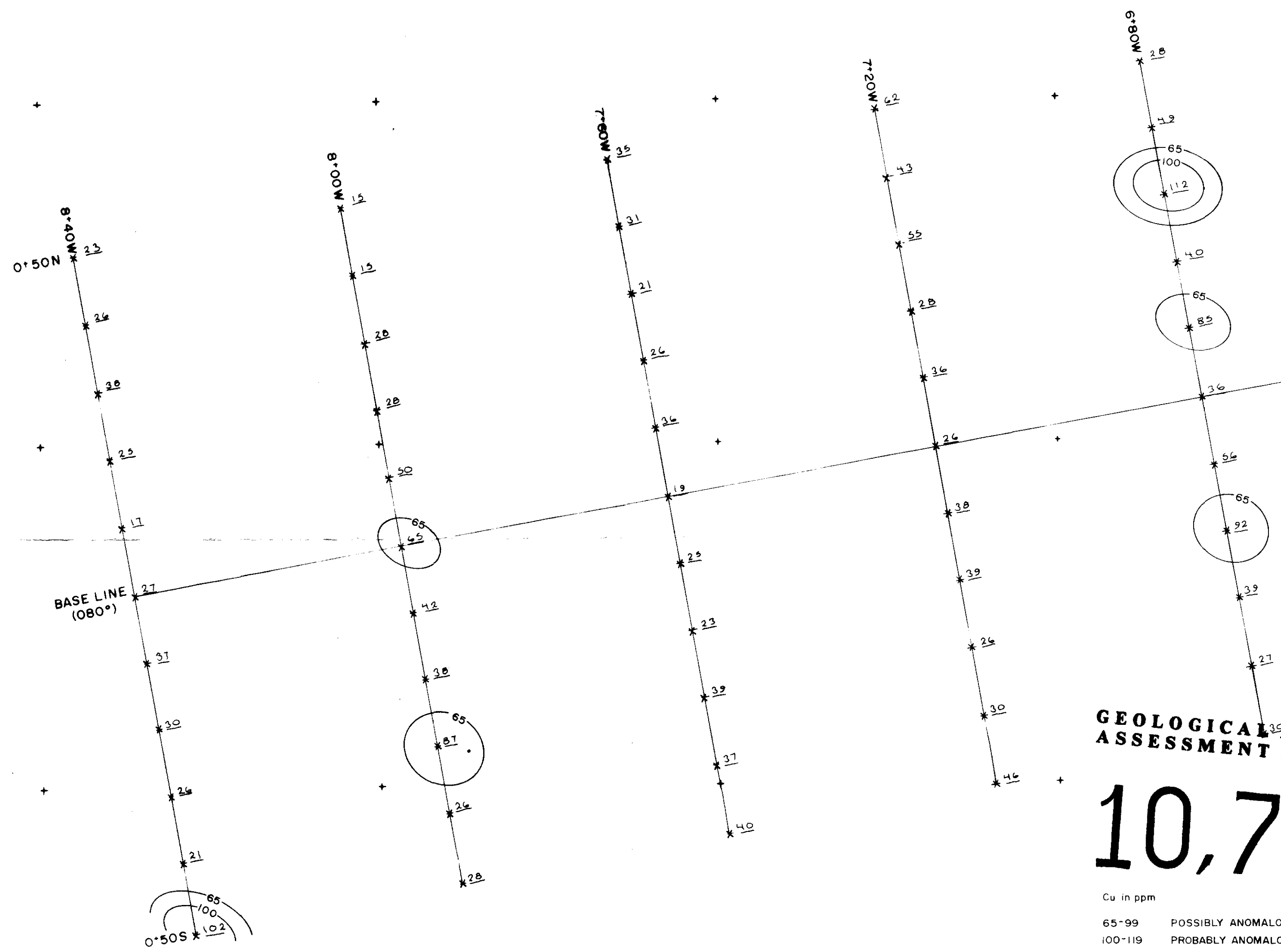
ELAN
SOIL SAMPLING
COPPER — ZINC

Project No. 1019 Mining Division LIARD

Latitude 59°17' Longitude 129°44'

NTS 104 P/5

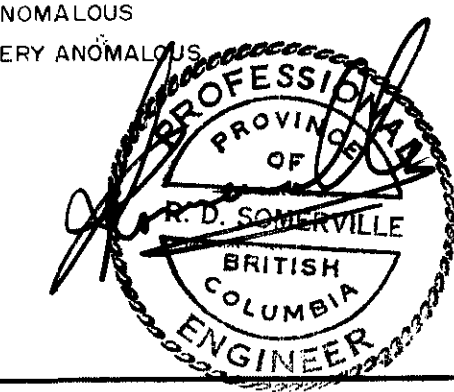
To Accompany A Report By R. SOMERVILLE, P.Eng.
Dated NOV. 1980
MAR., 1982 Map No. I-D



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,767

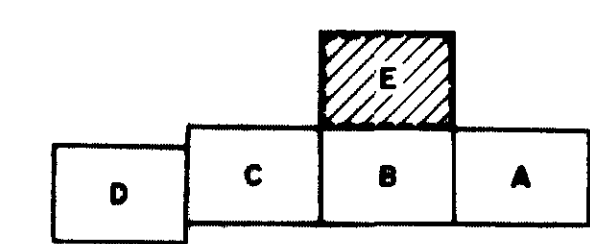
Cu in ppm
65-99 POSSIBLY ANOMALOUS
100-119 PROBABLY ANOMALOUS
120-199 ANOMALOUS
>200 VERY ANOMALOUS





Cu

SHEET INDEX



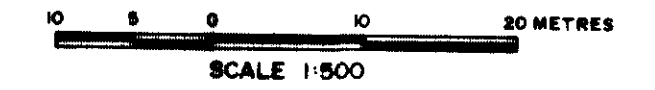
SYMBOLS

- Drift-covered area
- Rock outcrop, area of outcrop, floor
- Geological boundary (defined, approximate, interpreted)
- Bedding, top known (horizontal, inclined, vertical, overturned, dip unknown)
- Bedding, top unknown (inclined, vertical, dip unknown)
- Subsidence, groundwater, change, failure (horizontal, inclined, vertical, dip unknown)
- Location, zone of minor fault (horizontal, inclined, vertical)
- Dragfold (arrow indicates plunge)
- Fault (defined, approximate, interpreted)
- Fault (defined, vertical)
- Fault (fold slip including displacement, strike, arrow indicates relative movement)
- Thrust fault (approximate, interpreted)
- Shearing and slip
- Joint (horizontal, inclined, vertical, dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity fault, undated, strong

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

- Trench
- Adit or tunnel
- Rock dump or tailing
- Quarry or mine
- Shaft, mine, mine
- Diamond-drill hole

- Contours
- Stream or creek (Perennial, intermittent)
- Mud
- Lake
- Road
- Jump Road
- Trail
- Tree



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ELAN

SOIL SAMPLING

COPPER - ZINC

Project No. 1019 Mining Division LIARD

Latitude 28°17' Longitude 128°44'

N70 128 P2

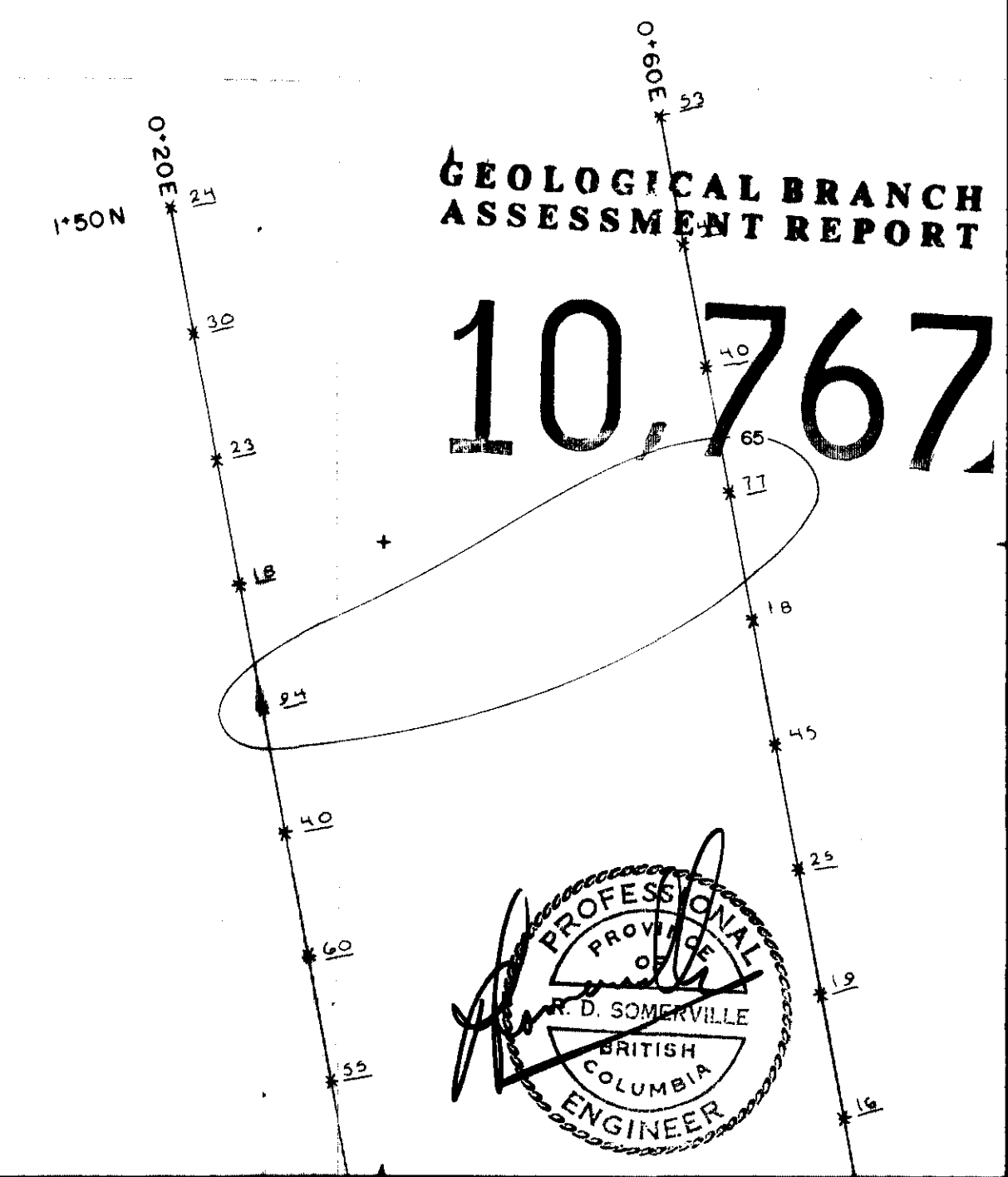
To Accompany A Report By: R. SOMERVILLE, P. Eng.

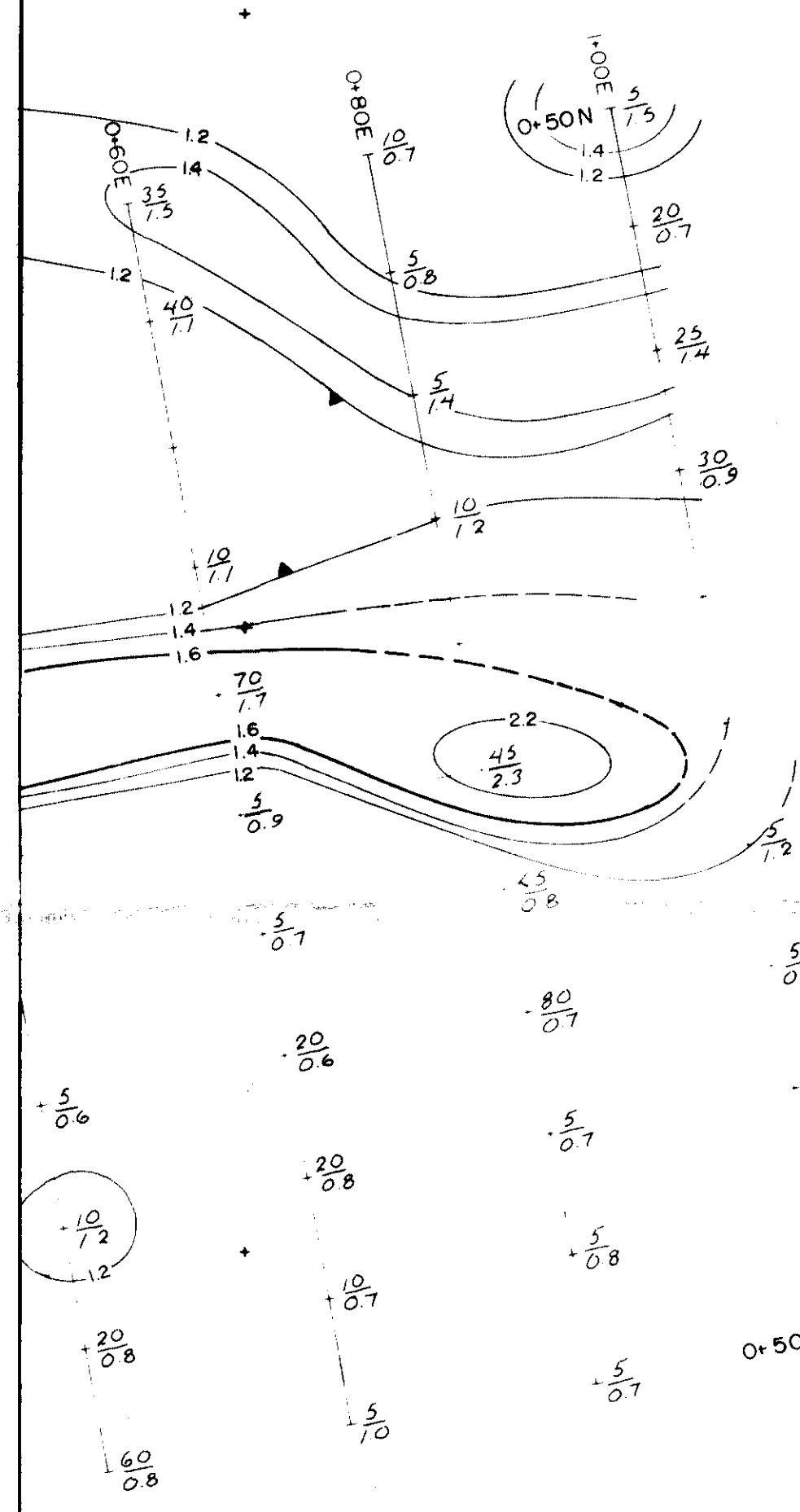
Date: NOV, 1980

MAR, 1982

Map No. 1-E

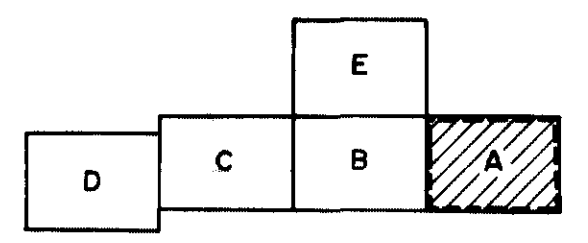
Cu in ppm	
65-99	POSSIBLY ANOMALOUS
100-119	PROBABLY ANOMALOUS
120-199	ANOMALOUS
≥ 200	VERY ANOMALOUS





Ag

SHEET INDEX

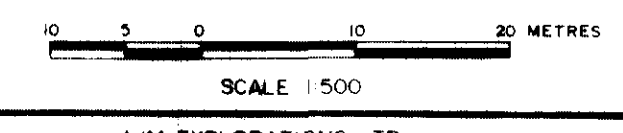


SYMBOLS

- Drift-covered area
- Rock outcrop, area of outcrop, floor
- Geological boundary (defined, approximate, interpreted)
- Bedding, type known (horizontal, inclined, vertical, overturned, dip unknown)
- Bedding, type unknown (horizontal, vertical, dip unknown)
- Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
- Lineation, axes of minor folds (horizontal, inclined, vertical)
- Drag-fold (arrow indicates plunge)
- Fault (defined, approximate, interpreted)
- Fault (solid circle indicates downthrown side, arrows indicate relative movement)
- Thrust fault (approximate, interpreted)
- Shearing and dip
- Joint (horizontal, inclined, vertical, dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

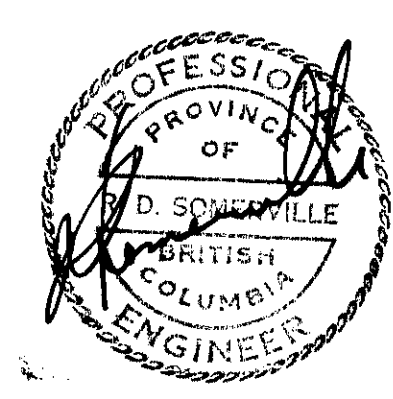
- Trench
- Adit or tunnel
- Rock dump or tailing
- Quarry or mine
- Shaft, raise, winze
- Diamond-drill hole
- Contour: 2000 C.I.
- Stream or creek (Perennial, intermittent)
- Marsh
- Lake
- Road
- Jeep Road
- Trestle
- Trees



GEOLOGICAL BRANCH ASSESSMENT REPORT

10,767

Ag in ppm	
12-13	POSSIBLY ANOMALOUS
14-15	PROBABLY ANOMALOUS
16-21	ANOMALOUS
≥ 22	VERY ANOMALOUS



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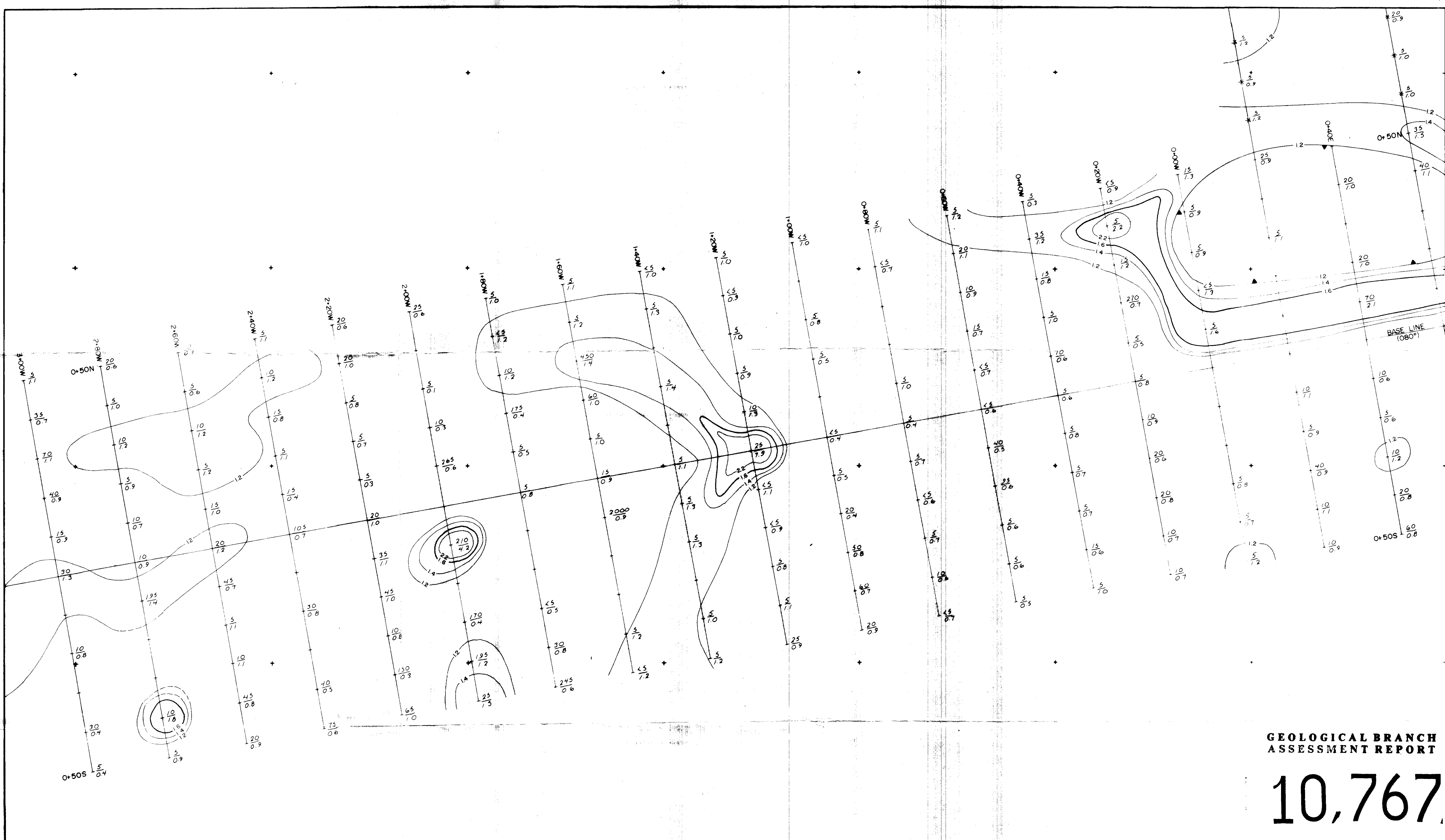
ELAN
SOIL SAMPLING
GOLD-SILVER

Project No. 019 Mining Division LIARD

Latitude 59°17' Longitude 129°44'

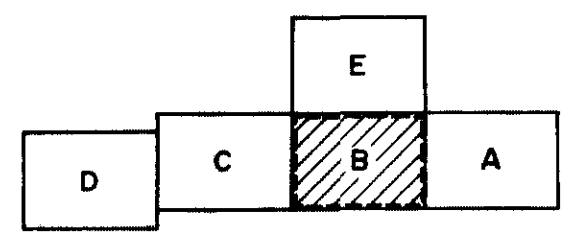
NTS 104P/5

To Accompany A Report By R. SOMERVILLE, P.Eng
Date NOV. 1980
MAR. 1982 Map No. 3-A



Ag

SHEET INDEX



SYMBOLS

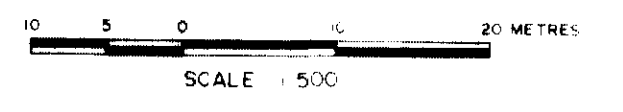
- Drift-covered area
- Rock outcrop, area of outcrop, Peak X (XXX) (X)
- Geological boundary (defined, approximate, interpreted)
- Building, top known (horizontal, inclined, vertical, overturned, dip unknown)
- Building, top unknown (inclined, vertical, dip unknown)
- Subsidence, generally, change, failure (horizontal, inclined, vertical, dip unknown)
- Location, axis of minor folds (horizontal, inclined, vertical)
- Drifted (arrow indicates along)
- Fault (defined, approximate, interpreted)
- Fault (inclined, vertical)
- Fault (local strike, alonging, descriptive note, arrow indicates relative movement)
- Thrust fault (approximate, interpreted)
- Shoring and dip
- Joint (horizontal, inclined, vertical, dip unknown)
- Syncline (defined, approximate)
- Anticline (defined, approximate)
- Anticline and syncline (overturned)
- Intensity (weak, moderate, strong)

NOTE: ALL SAMPLES MARKED WITH 'X' ARE DATED MARCH, 1982.

- Trench
- Adit or tunnel
- Rock dump or loading
- Quarry or mine
- Drift, raise, mine
- Diamond-drift hole

10 Ag ppm
70 Ag ppm

- Contours: 2000 C.I.
- Stream or creek (Perennial, intermittent)
- Marsh at. at.
- Lake
- Road
- Jump Road
- Trestle
- Trees



GEOLOGICAL BRANCH ASSESSMENT REPORT

10,767

Ag in ppm
12-13 POSSIBLY ANOMALOUS
14-15 PROBABLY ANOMALOUS
16-21 ANOMALOUS
4-22 VERY ANOMALOUS



A.I.M. EXPLORATIONS, LTD.

ELAN
SOIL SAMPLING
GOLD-SILVER

Project No. 1019 Mining Division LARU

Latitude 59° 7' Longitude 129° 44'

NTS 104 P/5

To Accompany A Report By R. SOMERVILLE, P. Eng.
Dated NOV., 1980
MAR., 1982 Map No. 3-B

