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Geological Report

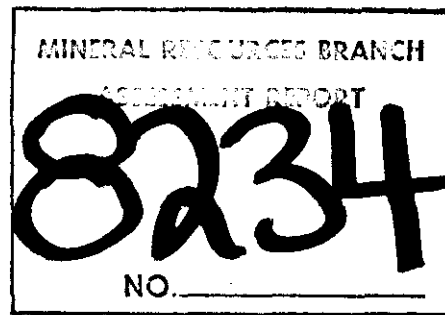
on the

GOLD BRIDGE PROPERTY

of

CLIMEX MINING OF B.C. LTD.

Lillooet Mining Division 92J 15W



January 11, 1980
Vancouver, B.C.

L. Sookochoff, P.Eng.
Consulting Geologist

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1 : 50,000

on the
GOLD BRIDGE PROPERTY
of
CLIMEX MINING OF B.C. LTD.

Part A

SUMMARY AND CONCLUSIONS

The Gold Bridge Property held by Climex Mining of B.C. is located 13 km from the former gold producing Bralorne and Pioneer Mines.

Other smaller former gold producers are located along the northwesterly belt of metamorphosed sedimentary and volcanic rocks. A central structure, along the Cadwallader Creek valley with which the gold bearing quartz fissure veins of the Bralorne Intrusives appear to be associated, is projected northwestward to the Climex property.

Recent preliminary exploration results by Climex personnel indicated a magnetometer anomaly in addition to two northwesterly trending correlative arsenic-copper-gold-silver anomalous zones.

A 37.6 meter drill hole to test an anomalous area indicated a meta diorite serpentine contact with epidote and calcite stringers in addition to local breccia zones.

It is concluded that the Climex Property is within a geologically favorable area for the occurrence of economic gold mineralization. The favorable structural indicators in addition to the favorable preliminary exploration results substantiate the merit of the property. An exploration program to delineate and test prime anomalous areas should be initiated.

RECOMMENDATIONS

A three phase exploration program is recommended to be carried out on the property. The exploration program is designed to initially delineate localized correlative anomalous areas which would be tested by diamond drilling.

It is also recommended that Climex Exploration of B.C. Ltd. allocate \$74,200 to initiate and execute the recommended program.

Respectfully submitted



Laurence Sookochoff, P.Eng.
Consulting Geologist

January 11, 1980
Vancouver, B.C.

Geological Report
on the
GOLD BRIDGE PROPERTY

Part B

INTRODUCTION

At the request of John La Rue of Climex Mining of B.C., the writer was requested to examine and assess the geological potential for economic gold mineralization on the Gunn Lake property.

With the recent significant increase in the price of gold and the strategic location of the property in a known "gold camp", the Climex property area should be examined for surface and/or underlying mineral potential.

Information for this report was obtained from material as cited under references in addition to a property examination carried out by the writer on July 22, 1979.

PROPERTY

The property is comprised of two located mineral claims consisting of 14 units. Particulars are as follows:

| <u>Claim Name</u> | <u>Record No.</u> | <u>Expiry Date</u> |
|-----------------------------|-------------------|--------------------|
| Gwendolyns Glory (2 units) | 713 | November 22, 1981 |
| Gwendolyns Glory (12 units) | 829 | July 11, 1980 |

Any legal aspects to the property are beyond the scope of this report

LOCATION AND ACCESS

The property is located six km west of Gold Bridge and two km west of the south end of Gunn Lake in the Lillooet Mining Division.

Access from Gold Bridge is westward for seven km via good gravel road to the Gunn Lake road. The Dunn road cut off is taken for one km to the property.

WATER AND POWER

Sufficient water for all phases of the exploration program could be available from Penrose Creek which is in part covered by the property.

Electric power is available within 500 meters of the claims.

TOPOGRAPHY

Moderate to steep slopes prevail on the property with elevations up to 1900 meters and relief in the order of 750 meters.

HISTORY OF THE AREA

The history of the area is centred around the Bralorne and the Pioneer Mines where lode gold production was carried on from the early 1900's.

The Bralorne and Pioneer situated on Cadwallader Creek within 13 km southwest of the Climex property, in addition to other significant former properties such as the Ben d'Or and the Wayside are located within a mineralized belt on the western flank of the Ben d'Or mountains.

During the early 1900's, production initially utilizing arrastras was carried out at these properties with the Bralorne producing to 1972 when shut down for economic reasons.

Adjacent to the property to the south is the Veritas property where former exploration included a "tunnel 225 feet long and several open cuts" on a vein cutting an augite-diorite and serpentine. A total of a thousand feet of underground work in three tunnels is reported.

Except for recent exploratory work performed by Climex, the writer is not aware of any other previous exploration work on the Climex property.

GEOLOGY

In the area of the Climex property Triassic sedimentary and volcanic rocks including variably metamorphosed units are intruded by three or more intrusive episodes including an ultrabasic or intrusive. Generally, the Triassic formations include the middle Triassic Fergusson group of cherts to limestone in addition to biotite schists, the younger Noel Formation, Pioneer Formation and the Youngest Hurly Formation which in addition to fine grained sedimentary rocks, include conglomerates, agglomerates and andesites.

The individual formations are exposed to a greater irregularity towards the central Cadwallader Creek extending northwesterly to Mt. Penrose west of Gunn Lake. The band is generally enveloped by diorite to syenodiorite intrusives with localized ultrabasic and augite diorite. Bralorne intrusive plugs and northwesterly stretched stocks are associated with the central formations.

The major aerial structural feature is a broad northwesterly trending and plunging anticlinal arch centered east of Cadwallader Creek in the Ben d'Or range of Mountains. The western limb in which the principal ore deposits of the area occur, extends into the Cadwallader Creek valley, which reflects a major structure. The major structure resulted in secondary and minor folds which resulted in complex distortion of the formations in addition to providing a locus for the ultrabasic and gold associated Bralorne intrusives. The lenticular intrusives extend to the Climex property area where topographical structural features are not as obvious as along the Cadwallader Creek valley.

The gold bearing quartz fissure veins of the Bralorne intrusives and more specifically, the veins in the Bralorne and Pioneer Mines are conspicuous for the exhibited ribboning effect where quartz ribbons are "separated by thin, dark-grey films of ground-up sulphides, sericite, white mica and gouge and occasional slickensided free gold".

The vein fissures extending from the augite diorite are persistent into the Pioneer greenstone with weaker indications in thinly bedded sediments and "feathering out" in serpentine.

Associated indicator minerals that are found in the Bralorne-Pioneer veins and can reflect gold mineralization are mariposite, scheelite, arsenopyrite, sphalerite and galena. Other metallic minerals include pyrite, chalcopyrite, stibnite, tetrahedrite, marcasite and sylvanite (?) or calaverite (?).

The more distinct zone (A) centered at 00 revealed an arsenic anomaly 60 meters wide and extending through the five lines for 80 meters.

Anomalous copper values correlated with the arsenic with spotty gold-nickel correlation.

A second northwesterly trending zone (B) centered at approximately 150 E indicated spotty however correlative anomalous geochem values. The zone also generally correlates with the magnetometer anomaly.

3. Diamond Drilling

A drill hole (Ax core) was put down at an anomalous zone for the purpose of testing the high magnetic readings and spotty high geochemical values.

The hole was drilled to a depth of 37.6 m (123.6 ft.). A log of the core by the writer indicated a meta diorite with light epidote and moderate calcite stringers in the upper part of the drill hole. The diorite trends to a serpentine along a gradational contact. The serpentine contains patches, lenses and veinlets of calcite in addition to local breccia zones.

In an examination of the property outcrops of serpentine with occasional quartz carbonate veinlets are located northwest and along strike of the arsenic-copper-gold-nickel anomaly.

RECENT EXPLORATION WORK

The results of recent preliminary and localized exploration work carried out on the Climex property is as follows:

1. Magnetometer Survey

A government aeromagnetic map of the area reveals a north-westerly trending high generally associated with the Cadwallader Creek valley and more distinctly along the northwestward extension to Penrose Mountain. The highest reading along this zone is along Penrose Creek and is covered by the Climex property.

Magnetometer readings along stations over three lines 20 meters apart and extending 280 meters covering the indicated locus of the aeromagnetic high were taken. The results revealed a north-south magnetic anomaly.

2. Geochemical Survey

Soil samples were taken on a grid covering most of the magnetometer survey area in addition to two lines to the south with an extension of all lines 80 meters to the west.

The results indicated two northwesterly trending correlative arsenic-copper-gold-nickel anomalous zones.

RECOMMENDED EXPLORATION PROGRAM

The exploration program should be designed to locate prime correlative anomalous areas that would be tested by diamond drilling. Prior to a work program additional claims should be located contiguous to the present claim. Thereafter a program would be set up in three phases, the first of which would be comprised of a magnetometer and E.M. survey to locate potential favorable structures for localizing mineralization and to aid in geological mapping. A geological mapping program would be carried out in association with the geophysical surveys.

The second phase would be comprised of a geochemical survey in addition to an I.P. survey. Both the exploration programs should delineate prime correlative anomalous zones to determine specific sites for diamond drilling.

ESTIMATED COST OF RECOMMENDED EXPLORATION PROGRAMPhase I

| | |
|------------------------------|--------------|
| Magnetometer and E.M. Survey | \$6,000 |
| Geological Mapping | 7,000 |
| Associated Expenses | 3,000 |
| Engineering and Supervision | <u>3,000</u> |
| | \$19,000 |

Phase II

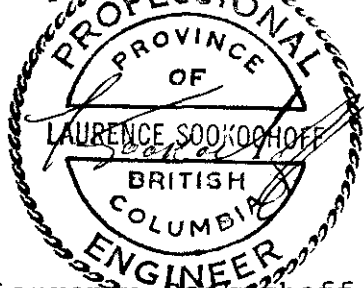
| | |
|---|--------------|
| Geochemical Survey 700 samples @ \$8.50 (including assaying) | \$5,950 |
| I.P. Survey | 12,000 |
| Associated Expenses | 3,000 |
| Engineering and Supervision | <u>3,000</u> |
| | \$23,950 |

Phase III

Test Diamond Drilling 500 meters @ \$62.50 \$31,250

It is estimated that the first phase of the exploration program would take one month to complete.

Respectfully submitted



Laurence Sookchohoff, P.Eng.
Consulting Geologist

January 11, 1980
Vancouver, B.C.

REFERENCES

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Province of B.C., 1933 p. A 268
- MCCANN, W.S. - Geology and Mineral Deposits of the Bridge
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Memoir 130 1922
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Paper 73-17, 1973
- STEVENSON, J.S. - Lode-Gold Deposits South-western British
Columbia, B.C. Department of Mines, Bulletin
No. 20 - Part IV 1947 p.p. 31-35

CERTIFICATE

I, Laurence Sookochoff, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

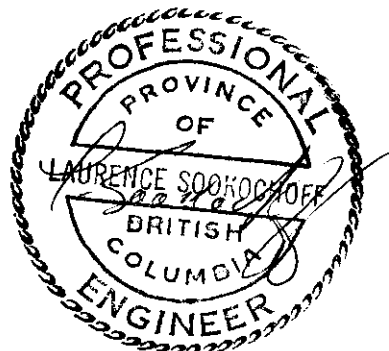
That I am a Consulting Geologist with the firm of Pan-American Consultants Ltd. of 2602-1055 West Georgia Street, Vancouver, B.C.

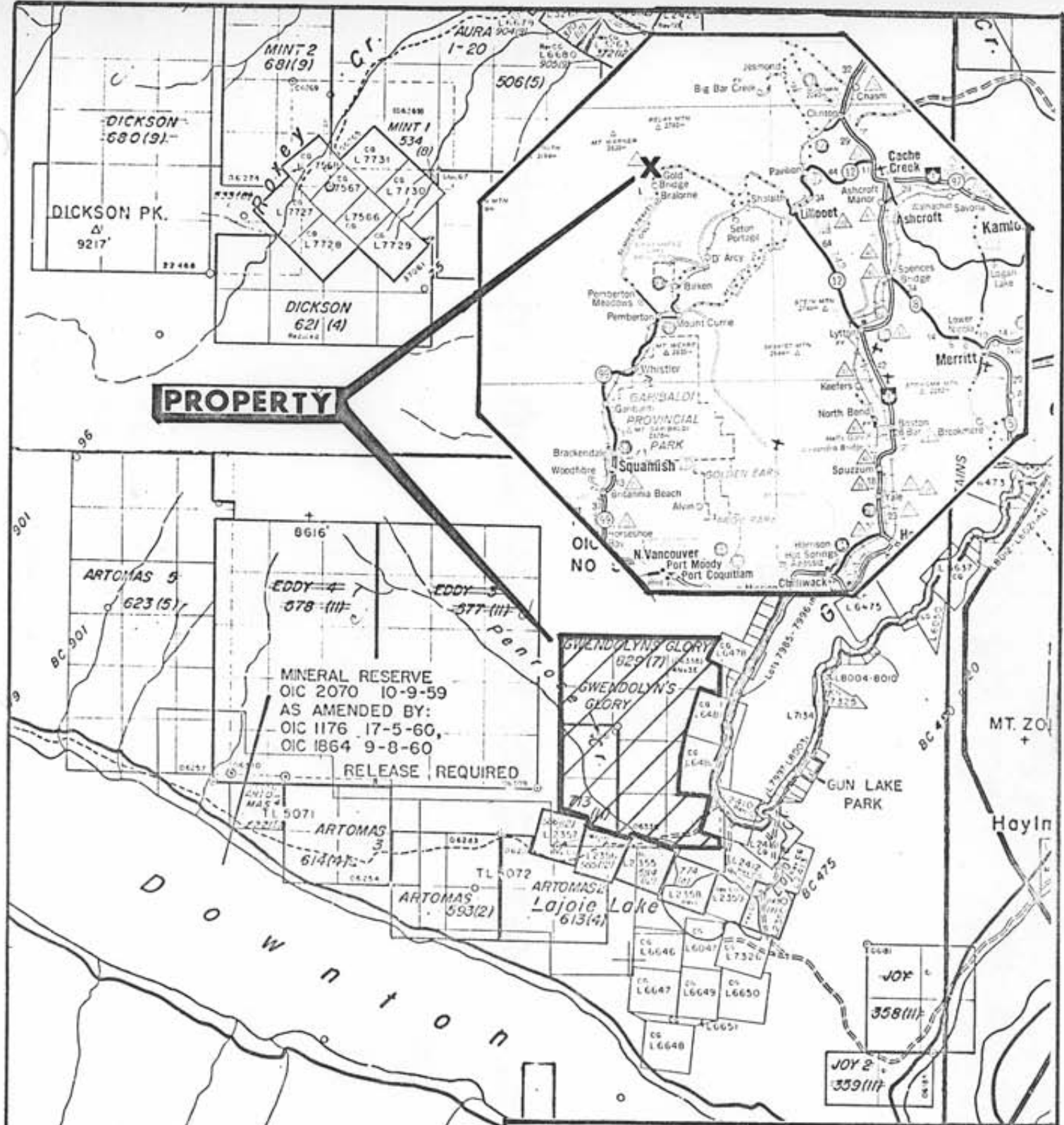
I further certify that:

1. I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology.
2. I have been practising my profession for the past thirteen years
3. I am registered with the Association of Professional Engineers of British Columbia.
4. The information for the accompanying report is based on pertinent publications and from the writer's examination of the property on July 22, 1979
5. Neither I or Pan-American has direct or indirect interest in the property described herein, or in the securities of Climex Mining of B.C

Laurence Sookochoff, P.Eng.
Consulting Geologist

January 11, 1980
Vancouver, B.C.





CLIMEX MINING OF B.C. LTD.

GOLD BRIDGE PROPERTY 92J 15W

LOCATION & CLAIM MAP



Exploration, Geophysical, and Geochemical Report
on Physical Work, Soil and Rock Sampling,
Magnetometer Survey and VLF-EM Survey

over

GWENDOLYN'S GLORY CLAIM GROUP

Gold Bridge Area

Lillooet Mining Division

Property: Lat. 50 51' Long. 123 55'

NTS 92J15W

Owned and Operated by:

CLIMEX MINING OF B.C. LTD.

Sechelt, B.C.

Consultant:

Written By:

Lawrence Sookochoff, P.Eng.

Anthony K. Sweet

Consulting Geologist

Professional Prospector and

Pan American Consultants

Director of Climex Mining of B.C.

Vancouver, B.C.

Sechelt, B.C.

February 15th, 1980

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Exploration, Geochemical and Geophysical Report
on Physical Work, Soil and Rock Sampling,
Magnetometer Survey and VLF-EM Survey
over
GWENDOLYN'S GLORY CLAIM GROUP

INTRODUCTION

(i) The property is located at Lat. 50 51' Long. 123 55, 6 Km. west of the town of Gold Bridge, and within the Lillooet Mining District. Access is by two wheel drive gravel road. Dale Road leaves the West Gunn Lake Rd. 500 metres from the junction of East Gunn Lake Rd. (NTS 92J/15W See Index Maps 1 & 2)

(ii) The property currently comprises 12 Claim Units:

| <u>Claim Name</u> | <u>Tag No.</u> | <u>Units</u> | <u>Rec. No.</u> | <u>Expiry Date</u> |
|-------------------|----------------|--------------|-----------------|--------------------|
| Gwendolyn's Glory | 47231 | 2 | 342(11) | Nov.15,'79 |
| Gwendolyn's Glory | | 12 | 829(7) | Jul.11,'80 |

Prior known work has consisted of a three week exploration program on the property, in October 1978 conducted by Climex Mining of B.C. Ltd. personnel. Geochemical, Geophysical, and Prospecting work consisted of stream sediment sampling in Penrose Creek, rock geochem in vicinity of #3 adit of VERITAS Mineral Claim. A survey to locate magnetic high as shown on the GSC Aeromagnetic map¹, and subsequent soil analysis across the highs.

Sub-grade logging roads criss-cross the area and have been in place since the 1930's. The general geology was described by J.A. Roddrick in GSC Paper 75-1 Part A Pemberton (East Half) Map Area*, B.C. and W.S. McCann in Geology and Mineral Deposits of the Bridge River Map Area, B.C. GSC Memoir 130 1922* Mineral types and

their age (K-Ar) in the area has been described by D.E. Pearson in Mineralization in the Bridge River Camp*, B.C. Dept. of Mines and Petroleum Resources Geological Fieldwork 1975. Mineralization and rock types are discussed in Larry Sookochoff's Geological Report January 11th 1980*.

The property is currently owned and operated by CLIMEX MINING OF B.C. LTD. The Gwendolyn's Glory Group has the potential of finding economic gold bearing mineralization* (L. Sookochoff's geological report, and Ministry of Mines and Petroleum Resources Research Data Sections 092JNE 03 'Veritas).

- (iii) A summary of work done: A geochemical survey consisting of 173 samples; Rock geochemistry consisting of 6 samples; A geophysical survey comprised of 4 Km. each of magnetometer and VLF-EM; Two holes of IEX 7/8" were drilled for a total of 48.5 meters, one at 20N 160E (11.6 meters depth) and one at 40S 68E(37.4 m.) A geological survey has been partially mapped over an area of 5000 square meters at a scale of 1:2000. Prior to soil geochemistry and geophysical work, prospecting was done over the grid area for a total of 4000 square metres. A total of 4 Km. of linecutting was completed over the Gwendolyn's Glory Group. Two trenches were begun; #1 - 100m.x8m.x3m. and #2-100mx10m.

* See References this report P.

DETAILED TECHNICAL DATA AND INTERPRETATION

GEOLOGICAL REPORT

A Geological Report and Recommendations for Climex Mining of B.C. was completed by L. Sookochoff, P. Eng. in January 1980. The property has been observed to contain a meta-diorite (altered coast intrusive?)* with visible chalcopryrite and arsenopyrite. Brecciated andesite (Hurley Formation) with chalcopryrite and also limestone (ankerite, Middle Triassic Fergusson Group) with quartz stringers contacting a serpentine containing magnetite were noted on the property. Asbestos (short fibre) in serpentine with magnetite outcrops on the VERITAS Property, 30 metres east of adit #2. Reference mapping and compilation by J. LaRue.

GEOPHYSICAL REPORT

Geophysical work on the property was performed by A. Sweet, J. LaRue, and P. Garnett (See qualifications under References). J. Bristow of the Applied Physics Branch of the B.C. Mineral Resource Ministry gave technical assistance in Fraser Filtering the VLF-EM results. A VLF-EM Survey and a Magnetometer Survey were conducted over portions of the Gwendolyn's Glory Property. A Self-Potential was done on lines 20S, 00, 20N, 40N and 60N but was not included in this report because of suspect results. Reference mapping and compilation by J. LaRue.

Magnetometer Survey

A Geotronics G-110 Magnetometer was used in the survey. Readings are not corrected for diurnal variation and are given in gammas/100 (i.e. value $673 = 673 \times 100 = 67,300$ gammas). Readings represent total intensity of the magnetic field. Reference Plan Map # . Mapping and compilation by J. LaRue.

VLF-EM Survey

A Sabre Electronics VLF-EM (EM-16) was used in the survey. The results were Fraser Filtered from west to east (a + b) - (c + d). The VLF-EM radio transmitter in Seattle, USA S9°E was used in the survey.

| Station | Dip ∠ | Filtered Reading | Station | Dip ∠ | Filtered Reading |
|----------|----------|---------------------|-----------|----------|---------------------|
| Line140N | | | Line 120N | | |
| 180 West | -7 | | 50 West | 3 | -1 |
| 170 " | -9 | -2 | 40 " | 2 | -4 |
| 160 | -8 | -6 | 30 | 3 | -8 |
| 150 | -6 | -7 | 20 | 6 | -6 |
| 140 | -5 | -6 | 10 | 7 | |
| 130 | -2 | -2 | 00 | 8 | |
| 120 | -3 | 0 | Line 100N | | |
| 110 | -2 | 3 | 180 West | -4 | |
| 100 | -3 | 4 | 170 " | -3 | 3 |
| 90 | -5 | -1 | 160 | -6 | -2 |
| 80 | -4 | -6 | 150 | -4 | -2 |
| 70 | -3 | -9 | 140 | -3 | 1 |
| 60 | 0 | -11 | 130 | -5 | -1 |
| 50 | 2 | -12 | 120 | -3 | 0 |
| 40 | 6 | -11 | 110 | -4 | 1 |
| 30 | 8 | -9 | 100 | -4 | -2 |
| 20 | 11 | -5 | 90 | -4 | -5 |
| 10 | 12 | | 80 | -2 | 1 |
| 00 | 12 | | 70 | -1 | 7 |
| Line120N | | | 60 | -6 | 0 |
| 180 West | -5 | | 50 | -4 | -7 |
| 170 " | -6 | -3 | 40 | -3 | -7 |
| 160 | -4 | -2 | 30 | 0 | -3 |
| 150 | -4 | -1 | 20 | 0 | -6 |
| 140 | -4 | 0 | 10 | 6 | -7 |
| 130 | -3 | 2 | 00 | 9 | 7 |
| 125 | -5 | -4 | 10 East | 4 | -3 |
| 120 | -4 | -10 | 20 " | 4 | -12 |
| 115 | 0 | -6 | 30 | 12 | -1 |
| 110 | 1 | 7 | 40 | 8 | 3 |
| 105 | -3 | 4 | 50 | 9 | 1 |
| 100 | -3 | 1 | 60 | 8 | 3 |
| 90 | -3 | 1 | 70 | 8 | 5 |
| 80 | -4 | -5 | 80 | 6 | 3 |
| 70 | -3 | -11 | 90 | 5 | 2 |
| 60 | 1 | -7 | 100 | 6 | 6 |

VLF-EM Survey (cont.)

| Station | Dip / | Filtered Reading | Station | Dip / | Filtered Reading |
|-----------|----------|---------------------|----------|----------|---------------------|
| Line 100N | | | Line 80N | | |
| 110 East | 3 | 6 | 60 East | 7 | 4 |
| 120 " | 2 | 5 | 70 " | 6 | 4 |
| 130 | 1 | 3 | 80 | 5 | 5 |
| 140 | -1 | -3 | 90 | 4 | 10 |
| 150 | 1 | -4 | 100 | 2 | 8 |
| 160 | 2 | 1 | 110 | -1 | 2 |
| 170 | 2 | 4 | 120 | -1 | -2 |
| 180 | 0 | 2 | 130 | 0 | 0 |
| 190 | 0 | 0 | 140 | 0 | -4 |
| 200 | 0 | 0 | 150 | 1 | 1 |
| 210 | 0 | 1 | 160 | 3 | 1 |
| 220 | 0 | 3 | 170 | -3 | 3 |
| 230 | -1 | | 180 | 0 | 4 |
| 240 | -2 | | 190 | -3 | 1 |
| Line 80N | | | Line 60N | | |
| 180 West | -5 | | 100 West | -6 | |
| 170 | -6 | -4 | 90 " | -1 | -3 |
| 160 | -4 | 0 | 80 | -2 | 4 |
| 150 | -3 | 5 | 70 | -2 | 2 |
| 140 | -7 | -1 | 60 | -5 | -8 |
| 130 | -5 | -1 | 50 | -1 | -11 |
| 120 | -4 | 4 | 40 | 2 | -5 |
| 110 | -7 | -1 | 30 | 3 | -3 |
| 100 | -6 | -4 | 20 | 3 | -2 |
| 90 | -4 | -2 | 10 | 5 | 1 |
| 80 | -5 | -5 | 00 | 3 | 2 |
| 70 | -3 | -4 | 10 East | 4 | -3 |
| 60 | -1 | 0 | 20 " | 2 | -4 |
| 50 | -3 | -6 | 30 | 8 | 3 |
| 40 | -1 | -8 | 40 | 3 | 3 |
| 30 | 3 | -3 | 50 | 4 | -1 |
| 20 | 1 | -2 | 60 | 4 | 2 |
| 10 | 4 | 0 | 70 | 4 | 0 |
| 00 | 2 | -3 | 80 | 2 | -7 |
| 10 East | 3 | -8 | | | |
| 20 | 6 | -7 | | | |
| 30 | 7 | -4 | | | |
| 40 | 9 | 1 | | | |
| 50 | 8 | 4 | | | |

VLF-EM Survey (cont.)

| Station | Dip / | Filtered Reading | Station | Dip / | Filtered Reading |
|----------|----------|---------------------|----------|----------|---------------------|
| Line 60N | | | Line 40N | | |
| 90 East | 6 | -3 | 130 East | 5 | 8 |
| 100 " | 7 | 5 | 140 | 2 | 3 |
| 110 | 4 | 5 | 150 | 1 | -4 |
| 120 | 4 | 8 | 160 | 3 | -2 |
| 130 | 2 | 11 | 170 | 4 | 5 |
| 140 | -2 | 4 | 180 | 2 | 4 |
| 150 | -3 | -2 | 190 | 0 | -1 |
| 160 | -1 | -3 | 200 | 2 | 0 |
| 170 | -2 | -5 | 210 | 1 | 2 |
| 180 | 1 | -4 | 220 | 1 | 2 |
| 190 | 1 | 0 | 230 | 0 | 4 |
| 200 | 2 | 7 | 240 | 0 | 4 |
| 210 | -2 | 4 | 250 | -2 | |
| 220 | -2 | 0 | 260 | -2 | |
| 230 | -2 | 0 | Line 20N | | |
| 240 | -2 | 0 | 90 West | -8 | |
| 250 | -2 | | 80 | -7 | -11 |
| 260 | -2 | | 70 | -4 | -7 |
| Line 40N | | | 60 | 0 | -11 |
| 100 West | -5 | | 50 | 4 | -1 |
| 90 | -3 | -4 | 40 | 3 | 1 |
| 80 | -3 | -1 | 30 | 2 | -3 |
| 70 | -1 | 3 | 20 | 4 | -2 |
| 60 | -4 | 0 | 10 | 4 | 2 |
| 50 | -3 | -5 | 00 | 4 | 3 |
| 40 | -2 | -6 | 10 East | 2 | -2 |
| 30 | 0 | -5 | 20 | 3 | -4 |
| 20 | 1 | -4 | 30 | 5 | 1 |
| 10 | 2 | 0 | 40 | 4 | 4 |
| 00 | 3 | -1 | 50 | 3 | 3 |
| 10 East | 1 | -4 | 60 | 2 | 2 |
| 20 | 2 | -3 | 70 | 2 | 2 |
| 30 | 6 | 3 | 80 | 1 | -1 |
| 40 | 0 | 1 | 90 | 1 | -4 |
| 50 | 5 | 4 | 100 | 3 | -4 |
| 60 | 0 | 0 | 110 | 3 | -3 |
| 70 | 1 | -7 | 120 | 5 | -1 |
| 80 | 4 | -6 | 125 | 4 | -2 |
| 90 | 4 | -6 | 130 | 5 | 0 |
| 100 | 7 | -2 | 135 | 6 | 3 |
| 110 | 7 | 3 | 140 | 3 | -1 |
| 120 | 6 | 5 | 145 | 5 | -3 |

VLF-EM Survey (cont.)

| Station | Dip ∠ | Filtered Reading | Station | Dip ∠ | Filtered Reading |
|------------------|----------|---------------------|----------|----------|---------------------|
| Line 20N (cont.) | | | Line 00 | | |
| 150 East | 5 | -3 | 140 East | 12 | 1 |
| 155 | 6 | -2 | 150 | 10 | 4 |
| 160 | 7 | 4 | 160 | 9 | 2 |
| 165 | 6 | 8 | 170 | 9 | 2 |
| 170 | 3 | 6 | 180 | 8 | 7 |
| 175 | 2 | 4 | 190 | 8 | 11 |
| 180 | 1 | 4 | 200 | 2 | 4 |
| 185 | 0 | 2 | 210 | 3 | 1 |
| 190 | -1 | -4 | 220 | 3 | 4 |
| 195 | 0 | -4 | 230 | 1 | 3 |
| 200 | 3 | 3 | 240 | 1 | 4 |
| 210 | 0 | 4 | 250 | 0 | |
| 220 | 0 | 2 | 260 | -2 | |
| 230 | -1 | 5 | Line 20S | | |
| 240 | -1 | 3 | 80 West | -7 | |
| 250 | -3 | 0 | 70 | -7 | -4 |
| 260 | -2 | 1 | 60 | -6 | -6 |
| 270 | -2 | | 50 | -4 | -5 |
| 280 | -2 | | 40 | -3 | -3 |
| Line 00 | | | 30 | -2 | -4 |
| 110 West | -10 | | 20 | -2 | -11 |
| 100 | -10 | -6 | 10 | 1 | -14 |
| 90 | -6 | -2 | 00 | 6 | -6 |
| 80 | -8 | -6 | 10 East | 7 | 1 |
| 70 | -6 | -13 | 20 | 6 | 4 |
| 60 | -2 | -10 | 30 | 5 | 6 |
| 50 | 1 | -8 | 40 | 4 | 8 |
| 40 | 1 | -8 | 50 | 1 | 7 |
| 30 | 6 | 1 | 60 | 0 | 11 |
| 20 | 4 | 6 | 70 | -2 | 13 |
| 10 | 2 | 1 | 80 | -8 | -3 |
| 00 | 2 | -3 | 90 | -7 | -19 |
| 10 East | 3 | -3 | 100 | 0 | -16 |
| 20 | 4 | -1 | 110 | 4 | -9 |
| 30 | 4 | 2 | 120 | 5 | -10 |
| 40 | 4 | 3 | 130 | 9 | -12 |
| 50 | 2 | 3 | 140 | 11 | -8 |
| 60 | 3 | 0 | 150 | 14 | 1 |
| 70 | 0 | -7 | 160 | 13 | 5 |
| 80 | 5 | -4 | 170 | 11 | 5 |
| 90 | 5 | 1 | 180 | 11 | 7 |
| 100 | 4 | -2 | 190 | 8 | 5 |
| 110 | 5 | -5 | 200 | 7 | 7 |
| 120 | 6 | -9 | 210 | 5 | 6 |
| 130 | 8 | -8 | 220 | 3 | 2 |

VLF-EM Survey (cont.)

| Station | Dip / | Filtered Reading | Station | Dip / | Filtered Reading |
|------------------|----------|---------------------|----------|----------|---------------------|
| Line 20S (cont.) | | | Line 40S | | |
| 230 East | 3 | 4 | 270 East | -3 | -6 |
| 240 | 2 | 2 | 280 | -1 | -5 |
| 250 | 0 | -1 | 290 | 1 | |
| 260 | 3 | 5 | 300 | 0 | |
| 270 | 0 | 8 | Line 60S | | |
| 280 | -2 | 3 | 00 | 2 | -5 |
| 290 | -3 | | 10 East | 4 | -7 |
| 300 | -2 | | 20 | 5 | -4 |
| Line 40S | | | 30 | 8 | 7 |
| 80 West | -8 | | 40 | 5 | 13 |
| 70 | -4 | -7 | 50 | 1 | 12 |
| 60 | -2 | -2 | 60 | -1 | 12 |
| 50 | -3 | -4 | 70 | -5 | 5 |
| 40 | -1 | -6 | 80 | -7 | -7 |
| 30 | 0 | -7 | 90 | -4 | -11 |
| 20 | 2 | -8 | 100 | -1 | -9 |
| 10 | 4 | -8 | 110 | 1 | -8 |
| 00 | 6 | -1 | 120 | 3 | -5 |
| 10 East | 8 | 7 | 130 | 5 | 1 |
| 20 | 3 | 7 | 140 | 4 | -3 |
| 30 | 4 | 8 | 150 | 3 | -15 |
| 40 | 0 | 8 | 160 | 9 | -14 |
| 50 | -1 | 12 | 170 | 13 | -3 |
| 60 | -3 | 19 | 180 | 13 | 4 |
| 70 | -10 | 10 | 190 | 12 | 5 |
| 80 | -13 | 12 | 200 | 10 | 2 |
| 90 | -10 | -23 | 210 | 10 | 7 |
| 100 | -1 | -15 | 220 | 8 | 10 |
| 110 | 1 | -8 | 230 | 5 | 8 |
| 120 | 3 | 13 | 240 | 3 | 7 |
| 130 | 5 | -14 | 250 | 2 | 9 |
| 140 | 12 | -3 | 260 | -1 | |
| 150 | 10 | -1 | 270 | -3 | |
| 160 | 10 | -5 | | | |
| 170 | 13 | 0 | | | |
| 180 | 12 | 6 | | | |
| 190 | 11 | 8 | | | |
| 200 | 8 | 5 | | | |
| 210 | 7 | 4 | | | |
| 220 | 7 | 6 | | | |
| 230 | 4 | 7 | | | |
| 240 | 4 | 11 | | | |
| 250 | 0 | 10 | | | |
| 260 | -3 | 1 | | | |

GEOCHEMICAL REPORT

Geochemical sampling was performed by A. Sweet, J. LaRue, and P. Garnett. Samples from OON, 2ON, 6ON Bank GG, and from 4ON OOE to 4ON 23OE were analyzed by Acme Analytical Ltd. 6455 Laurel St. Burnaby V5B3B4. All other analyses were done by CHEMEX Labs. Ltd., 212 Brooksbank Ave., N. Vancouver, B.C. V7J2CL. Following a Soil Orientation Profile (SOP) in which it was determined that the 'B' horizon would reflect geochem anomalous zones despite alluvial, Pemberton volcanic ash, and glacial till overburdens (See Soil Orientation Profile Plan # , All soil samples were prepared by drying (60°C) and screening to -80 mesh, and analyzed for Au by atomic absorption and fire assay; by perchloric-nitric acid extraction for Cu, Pb, Ag, Ni, Co, Mn, and Sb. Semi-quantitative Spectrographic Analysis was done with a Jarrell-Ash 3,4 meter fully automatic stigmatic grating spectrograph. It was determined by SOP and VLF-EM interpretation that the overburden is ion permeable, and that geochem values for Ni, As, Cu, and Ag appear to correlate to an estimated threshold depth of 10 metres, even though the overburden is a composite. Compilation and Mapping by J. LaRue. (See Plan Maps)

DRILLING REPORT

Drilling was initiated at 2ON 16OE over an anomalous geochemistry in the soil simultaneous with a VLF-EM anomaly, however the X-Ray drill was unable to drill sufficient casing through the overburden, and the hole was abandoned at 11.6 metres depth. The drill was subsequently moved to 4OS 68E in attempt to find the causitive source of anomalous VLF-EM and soil geochemistry. Both drill holes were drilled vertically; Hole #2 was collared at 10.4 metres; and, drill core was logged by L. Sookochoff, P. Eng. The

core recovery was estimated at 65%. The core, which is stored at A. Sweet's residence, Norwest Bay Rd. in Sechelt, B.C., was then partially analyzed and logged by semi-quantitative spectrographic analysis and fire assay. Assays and footage follow:

| Depth | Co PPM | Ag PPM | Au PPB | Pt PPB |
|-------|-----------|-----------|-----------|-----------|
| 33' | 68 | | 10 | |
| 46' | 76 | | 8 | |
| 47.5' | 86 | | 2 | |
| 72' | 56 | | 6 | |
| 83' | 94 | 0.1 | 6 | |
| 85.5' | 100 | | 1 | |
| 100' | 30 | | 1 | |
| 117' | 134 | 0.1 | .003% | <50 |
| 120' | 62 | 0.1 | 1 | |

Semi-Quantitative Spectrographic yielded the following values in the core taken from 66'-66.5'

| | | | |
|-----------|--------|-----|--------------------------|
| Calcium | 2% | | |
| Chromium | 10,000 | PPM | |
| Cobalt | 100 | PPM | |
| Copper | 20 | PPM | Minerals not listed |
| Iron | 20% | | were below concentration |
| Lead | <50 | PPM | limit. |
| Magnesium | >20% | | |
| Manganese | 5000 | PPM | |
| Nickel | 7000 | PPM | |
| Titanium | 10 | PPM | |
| Vanadium | 20 | PPM | |

Assay for Au at 66'-66.5' was 2.00 PPB

PHYSICAL WORK

The following Physical Work was completed: 4 Km. of line cutting with lines 20 metres apart and 10 meter stations; two trenches were attempted with a D*8 Cat before flowing water entered and prevented further work, (See Trench Plan Map #); underbrush was removed from alongside existing roads with chainsaws; outcrops were

blasted to determine lithology and structure (See Plan Map #); the Legal Corner Post was established by chain and compass to be 150 meters due North of the most northern tip of Lajoie Lake.

INTERPRETATION

The purpose of the work performed was to find economic mineralization similar to that found at the nearby Wayside, Pioneer, and Braelorne Mines. The results indicate a magnetic high (possibly associated with serpentines with magnetite which has been drilled at Hole # 2 and was observed in outcrops) on the property, along with two northwest trending Arsenic-Copper-Gold-Silver correlative geochemical anomalies. Favourable structural indicators along with the general northwest trend substantiate possibilities of mineral potential. Further geological and geophysical mapping should delineate future drill targets.

ROCK GEOCHEMISTRY (See Plan Map #)

The following rocks, taken from bedrock showings, gave these results:

| | Co PPM | Pb PFM | Cu PPM | As PPM | Au FPB | Ni PPM | Ag PPM |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| O.C. on road @ 450 S | 56 | 2 | 6 | 2.5 | | | |
| O.C. on road @ 560 S | 36 | | | | 88.0 | | |
| O.C. Knob @ 4 S 130E | | 1 | 56 | 3 | 20 | 52 | |
| #2402 B | 10 | | 8 | 2 | 10 | 2 | .1 |
| Veritas 81380 | 126 | 78 | | | | | |

SOIL ORIENTATION PROFILE #1 20N 150E

- A. LH Horizon 2" thick
- B. Average 5'
Secondary elluvial deposition of angular as well as rounded fragments
- C. Clay 9" thick
- D. Pumice (iron-free appearance) 20" thick
- E. Pumice w/ enriched iron layering 6" thick
- F. Clay and alluvial and elluvial deposition continuing to depth of survey and bottom of hole G.

Yielded the following analysis:

| | Cu | Ni | Pb | Ag | As | Au | Sb |
|-------|-----|-----|-----|-----|-----|-----|-----|
| | PPM | PPM | PPM | PPM | PPM | PPB | PFM |
| SOP A | 32 | 170 | 2 | 0.1 | 10 | 10 | 2 |
| B | 72 | 420 | 1 | 0.1 | 32 | 10 | 2 |
| C | 8 | 80 | 2 | 0.1 | 9 | 10 | 2 |
| D | 18 | 175 | 2 | 0.1 | 13 | 10 | 2 |
| E | 46 | 680 | 8 | 0.1 | 190 | 10 | 2 |
| F | 66 | 430 | 1 | 0.1 | 25 | 10 | 2 |
| G | 102 | 820 | 22 | 0.1 | 32 | 10 | 2 |

SOIL ORIENTATION PROFILE # 2 20N 140E

- A. LH Horizon 2-4" thick
- B. IF Horizon Average 5' thick
Secondary alluvial and elluvial deposition
Angular as well as rounded fragments
- C. Clay 4" thick
- D. Pumice 18" thick (iron-free appearance)
- E. Pumice w/ iron secondary enrichment 3" thick
- F. Peat, charcoal and roots 3"
- G. Clay 2"
- H. Secondary Alluvial and Elluvial deposition to depth

SOIL ORIENTATION PROFILE (cont.)

SOIL ORIENTATION PROFILE #2 (cont.) 20N 140E

Yielded the following analyses:

| | Cu PPM | Pb PPM | Ag PPM | Ni PPM | Au PPB | As PPM |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| SOP A | 38 | 2 | 0.1 | 135 | 10 | 10 |
| B | 72 | 1 | 0.1 | 440 | 10 | 20 |
| C | 48 | 4 | 0.1 | 220 | 10 | 10 |
| D | 74 | 6 | 0.1 | 545 | 10 | 30 |
| E | 120 | 16 | 0.1 | 910 | 10 | 190 |
| F | 174 | 6 | 0.1 | 1050 | 10 | 26 |
| G | 58 | 1 | 0.1 | 470 | 10 | 9 |
| H | 72 | 1 | 0.1 | 450 | 10 | 29 |

ITEMIZED COST STATEMENT

| <u>Date</u> | <u>Job Performed</u> |
|----------------------|--|
| June 5-June 25, '79 | Orientation, Prospecting, Linecutting Soil Sampling |
| June 26-July 28, '79 | VLF-EM Survey, Magnetometer Survey, Self Potential, Blasting Outcrops |
| July 28-Aug. 14, '79 | Diamond Drilling, Mobilization |

WAGES

| | | |
|------------|-------------------|--------|
| A.K. Sweet | 53 da. @ \$80 da. | \$4240 |
| J.P. LaRue | 53 da. @ \$80 da. | \$4240 |
| F. Garnett | 53 da. @ \$80 da. | \$4240 |

Total \$13720

| | | |
|------------------------------------|--------------|---------|
| Total Wages | | \$13720 |
| Cost of Assessment Report | | 480 |
| Cost of Geological Report | | 500 |
| Cost of Equipment Rental | | |
| 4 X 4 Rental 53 da @ \$20/da. | | 1060 |
| GMC Van 1 month @ \$225/mo. | | 225 |
| D-9 Cat and Operator | | |
| 11.5 hrs @ \$90/hr | | 1035 |
| VLF-EM 7 da @ 75/wk | | 75 |
| Magnetometer 7 da @ 75/wk | | 75 |
| Self Potential 7 da @ 10/wk | | 10 |
| X-Ray Drill @ \$380/mo | | 380 |
| Camp Equip. Rental 2 mo. @ \$30/mo | | 60 |
| 2 Chainsaws @\$15 wk for 7 wks | | 210 |
| | <u>TOTAL</u> | \$17830 |

ITEMIZED COST STATEMENT (cont.)

| | \$Gas | B.C. Ferry | Supplies & Repairs | Groc. | Room | Cafe | B.C.Tel |
|---------|--------|------------|--------------------|--------|-------|--------|---------|
| June | 191.50 | 38.00 | 505.87 | 359.42 | 25.00 | 196.55 | |
| July | 98.19 | 12.00 | 298.59 | 56.05 | 18.00 | 10.66 | |
| | | | 1195.03 | | | | |
| Aug. | 121.00 | 24.00 | 227.62 | 35.60 | 52.00 | 95.55 | 310.58 |
| Totals: | 410.69 | 74.00 | 2032.08 | 651.07 | 95.00 | 402.76 | 310.58 |

TOTAL: \$3976.19

| | |
|---------------------------|-----------|
| Costs of Assaying: | \$1746.35 |
| Wages | 13720.00 |
| Assessment Report | 480.00 |
| Geological Report | 500.00 |
| Cost of Equipment Rentals | 2825.50 |

TOTAL EXPENDITURES MEIP PROGRAM \$21,248.04

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Province of B.C., 1932 p. 218 and 1933 p. 268
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- Geological Survey of Canada Memoir 213 p. 131 and
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- Kerr, J.R. Surface Geology on the VERITAS PROPERTY, June 1978
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Lillooet, B.C.

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Fearson, D.E. Mineralization in the Bridge River Camp,
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1975 Geology in British Columbia, pp. G57-G63

Qualifications of personnel conducting soil and rock
Geochemical Survey, Geophysical Surveys, Exploration and
Diamond Drilling:

A.K. Sweet: (See Qualifications of Author, this report p.)

J.P. LaRue: Geophysical and Geochemical Surveys Foreman and
Geo-Exploration Crew Chief in the U.S.A. and
Canada for 6 years. Diamond Drilling Super-
visor for 3 years.

P. Garnett: Active Geophysical and Geochemical Surveyor
in Southern B.C. for 3 years. In addition,
prior to field work he was employed as an
Underground Mine Surveyor for a total of
3 years. A Graduate of the 1977 Mineral
Exploration for Prospectors Course, Selkirk
College, Castlegar, B.C.

AUTHOR'S
QUALIFICATIONS

I certify that:

1. I am a graduate of The Mineral Exploration for Prospectors Course (1977) Selkirk College, Castlegar, B.C.
2. I have been a prospector in British Columbia for 6 years.
3. The information for the accompanying report was based on work done personally and from Mineral Inventory Assessment Report and Government Publications.
4. I am a Director of Climex Mining of B.C. Ltd.- Owner Operators of GWENDOLYN'S GLORY Mineral Claims - Gold Bridge Property of Climex Mining of B.C. Ltd.

A.K. SWEET

SELKIRK



COLLEGE

CASTLEGAR, B. C., CANADA

DEPARTMENT OF CONTINUING EDUCATION

THIS IS TO CERTIFY THAT

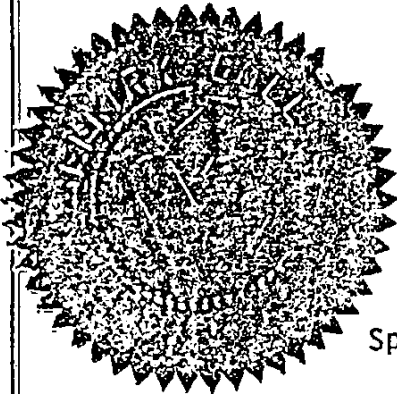
ANTHONY SWEET

HAS PARTICIPATED IN
"MINERAL EXPLORATION FOR PROSPECTORS"

120 Hour Course

Sponsored by: Ministry of Mines & Petroleum
Resources & Ministry of Education

May 2 - May 13, 1977



[Signature]
INSTRUCTOR/PROGRAM COORDINATOR

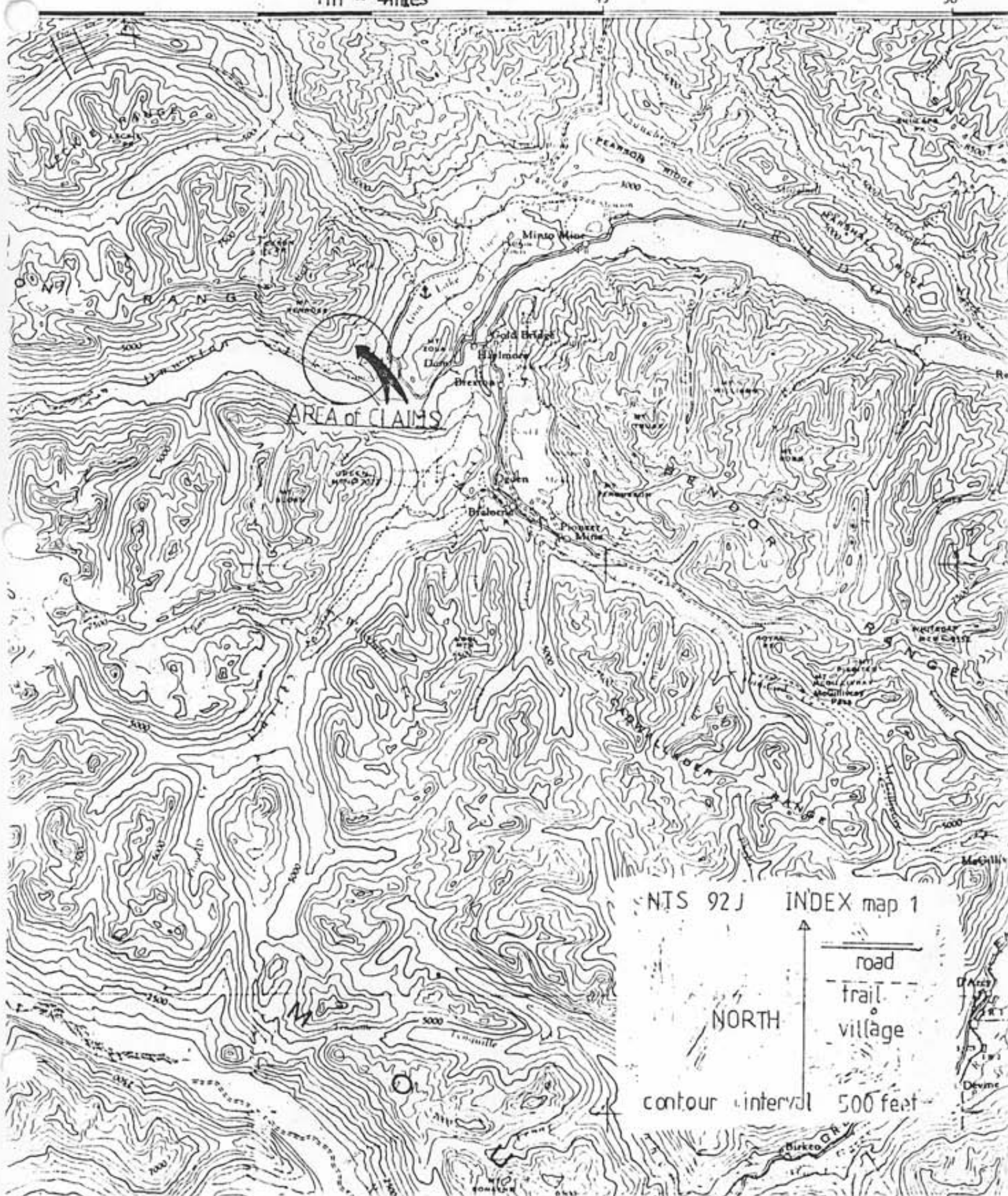
[Signature]
CHAIRMAN OF CONTINUING EDUCATION



1:25000
1 in = 4 miles

45'

30'



AREA of CLAIMS

NTS 92J INDEX map 1

↑

road

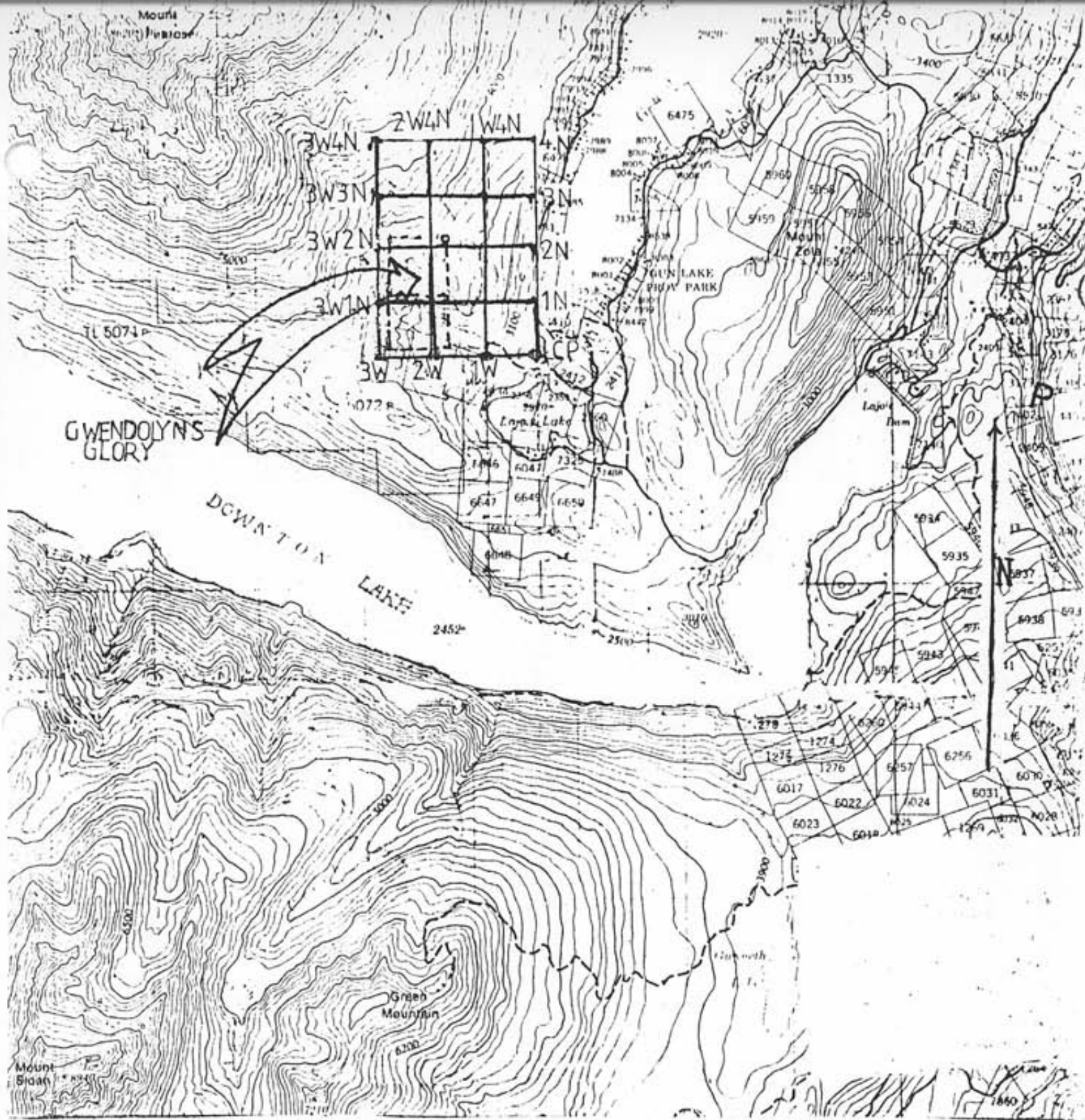
--- trail ---

village

NORTH

contour interval 500 feet

Acces
Devine



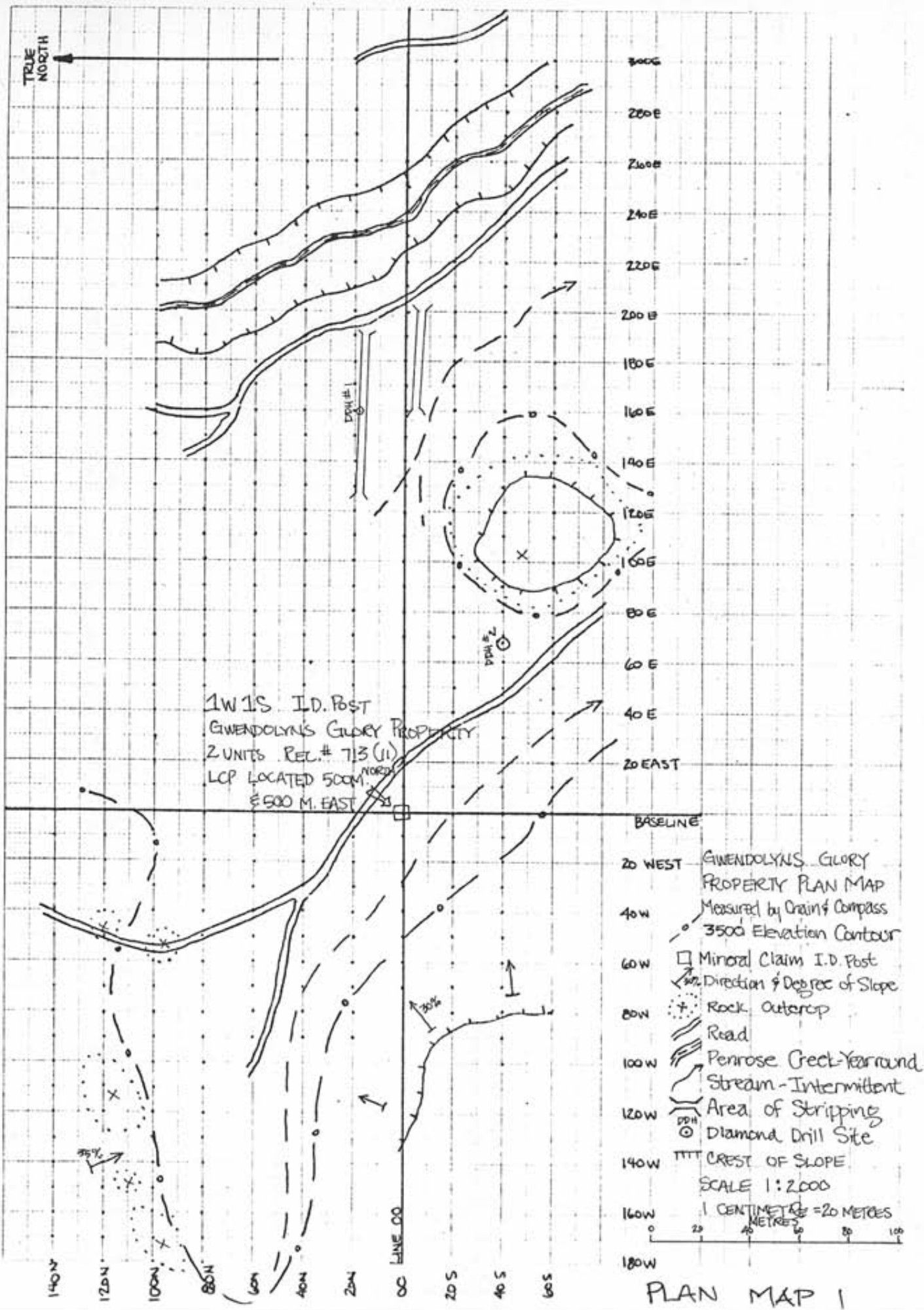
0 500 0 1000 2000 3000 4000 metres

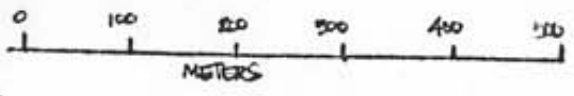
N.T.S. 92J 15W

SCALE 1:50000

1.25 inch = 1 mile

INDEX MAP 2





PENROSE CREEK

4000'

3700'

3W2N
North

LCP

3W1N

QUARTZ STRAINERS
TRENCHING NW

3100'

DALE RD

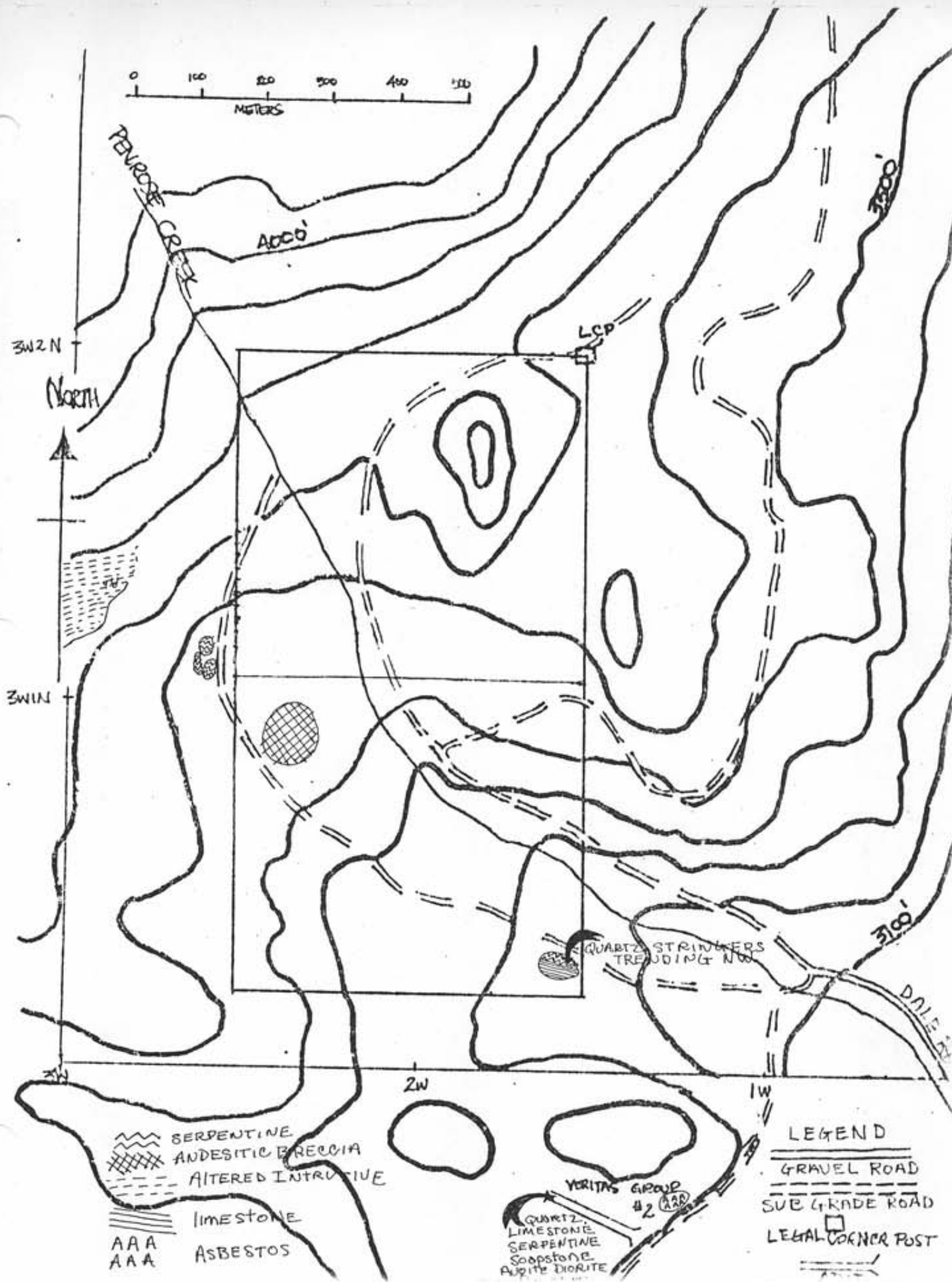
2W

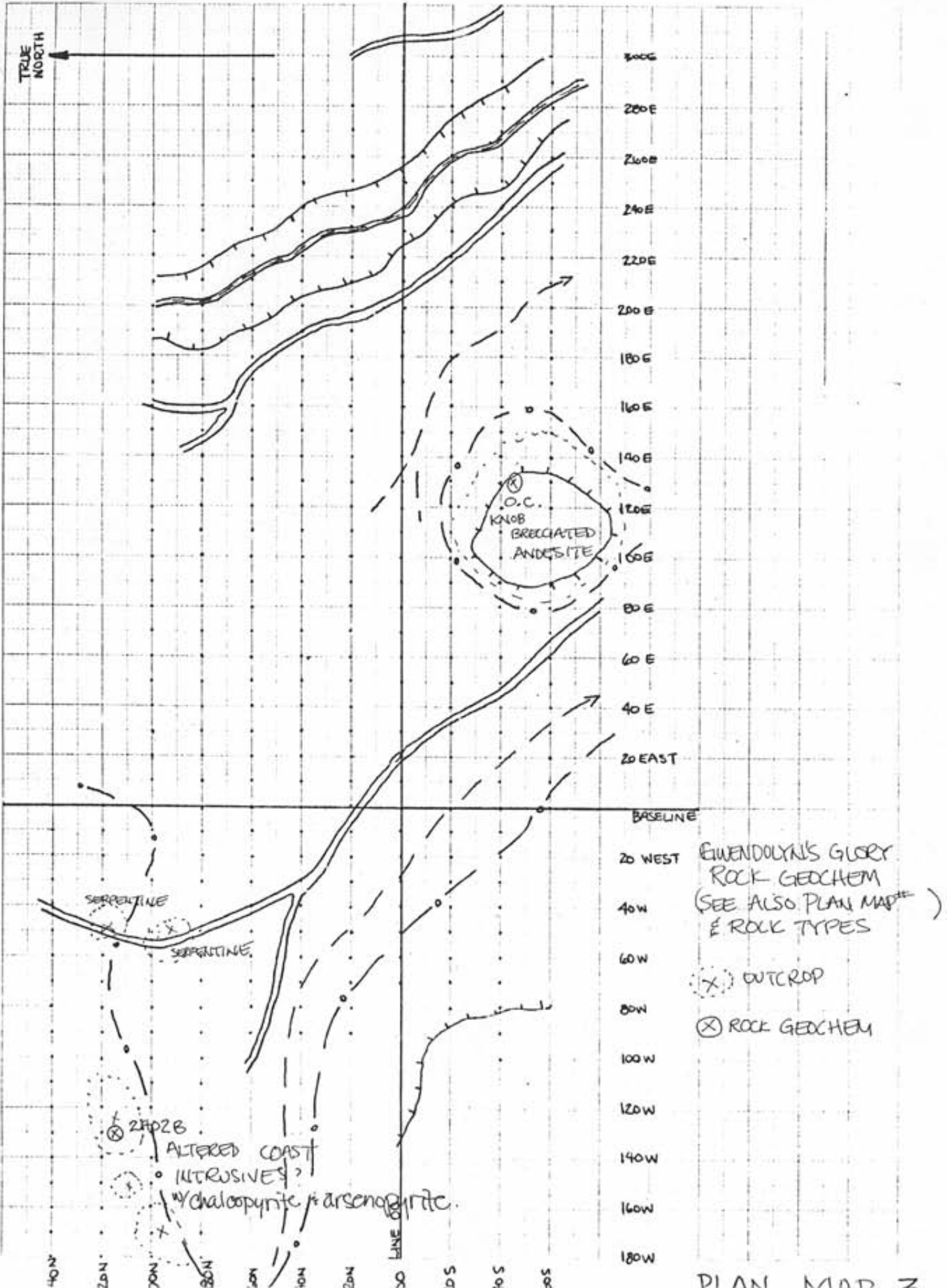
1W

SERPENTINE
 ANDESITIC BRECCIA
 ALTERED INTRUSIVE
 LIMESTONE
 AAA ASBESTOS

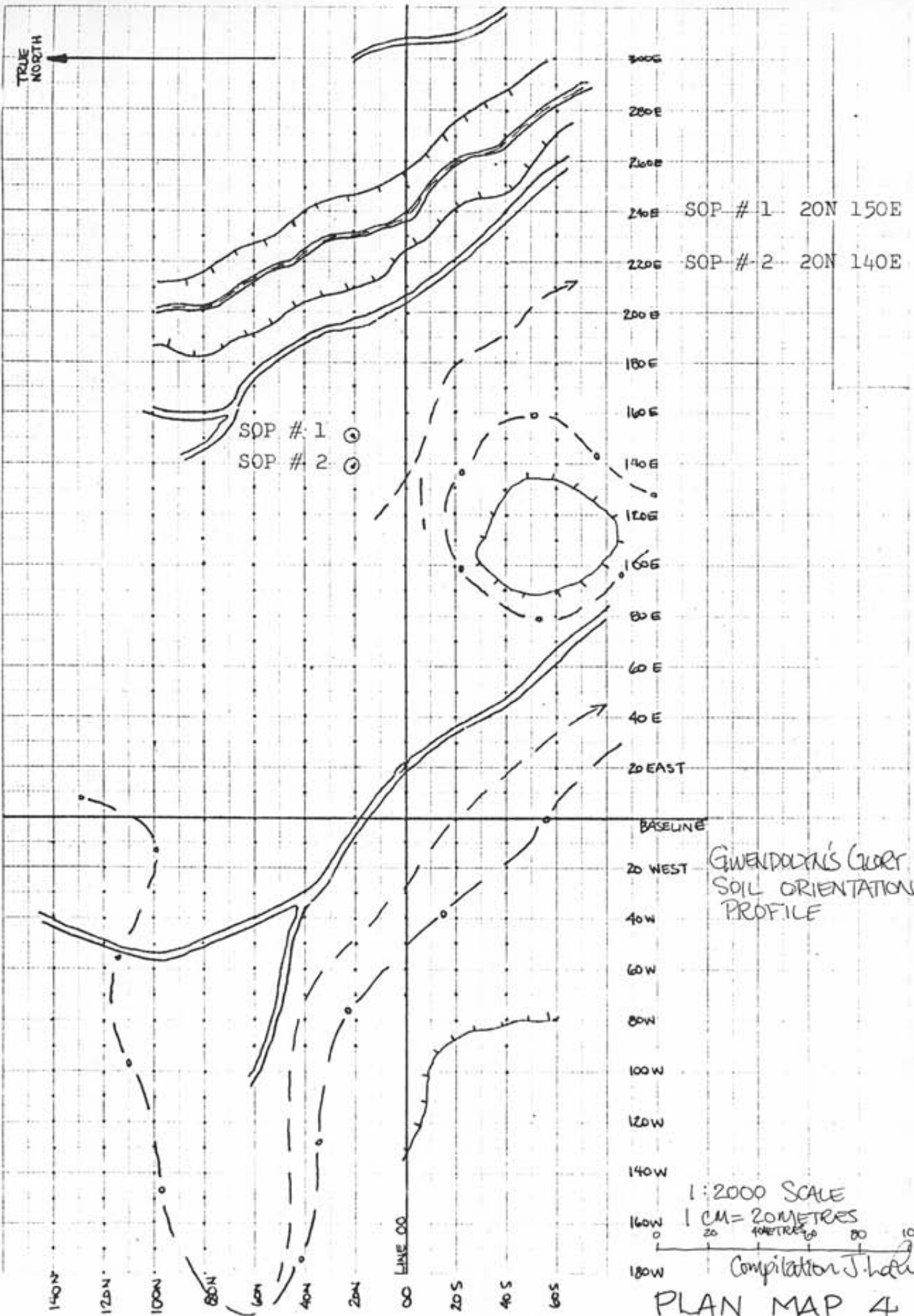
VERITAS GROUP #2
 QUARTZ
 LIMESTONE
 SERPENTINE
 SOAPSTONE
 ALPINE DIORITE

LEGEND
 GRAVEL ROAD
 SUB GRADE ROAD
 LEGAL CORNER POST





PLAN MAP 2



Gwendolyn's GARDEN
SOIL ORIENTATION
PROFILE

PLAN MAP 4

PLAN MAP 5

VEINS GROUP
APT #2

LCP 125
GEOLOGICAL GROUP
MINERAL CLAIM 1204

5100'

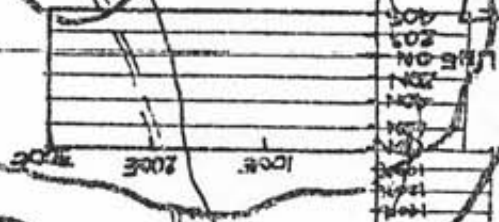
5000'

20'

10'

10'

AREA OF GEOLOGICAL
GEOCHEMICAL & GEOPHYSICAL
SURVEYS & PHYSICAL WORK 1970

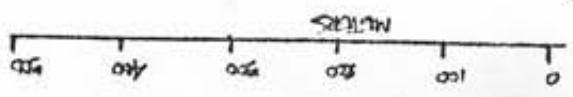


LCP

NORTH

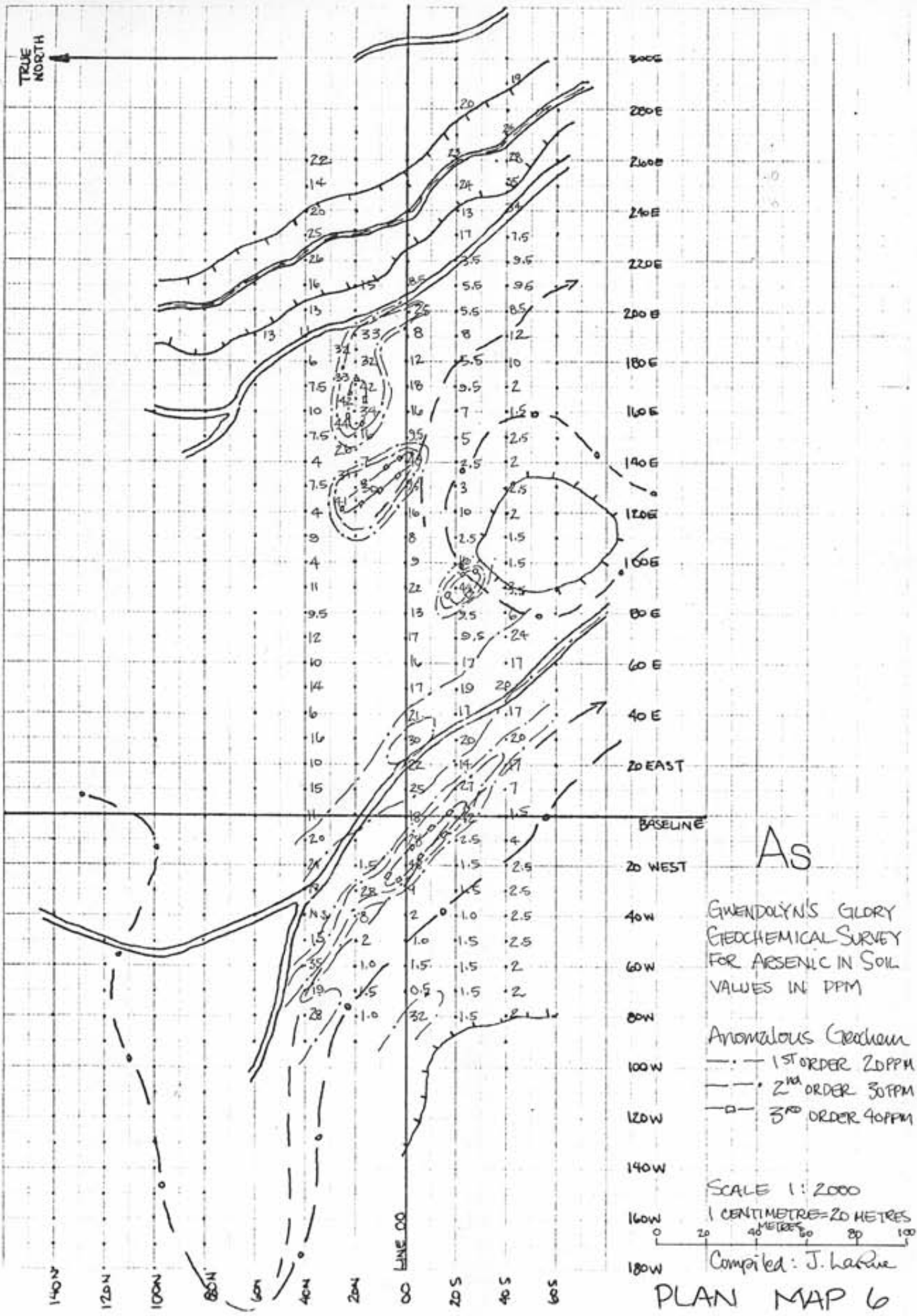
ADD

PAVLOV CREEK



100 (2) UNITS

GLORI



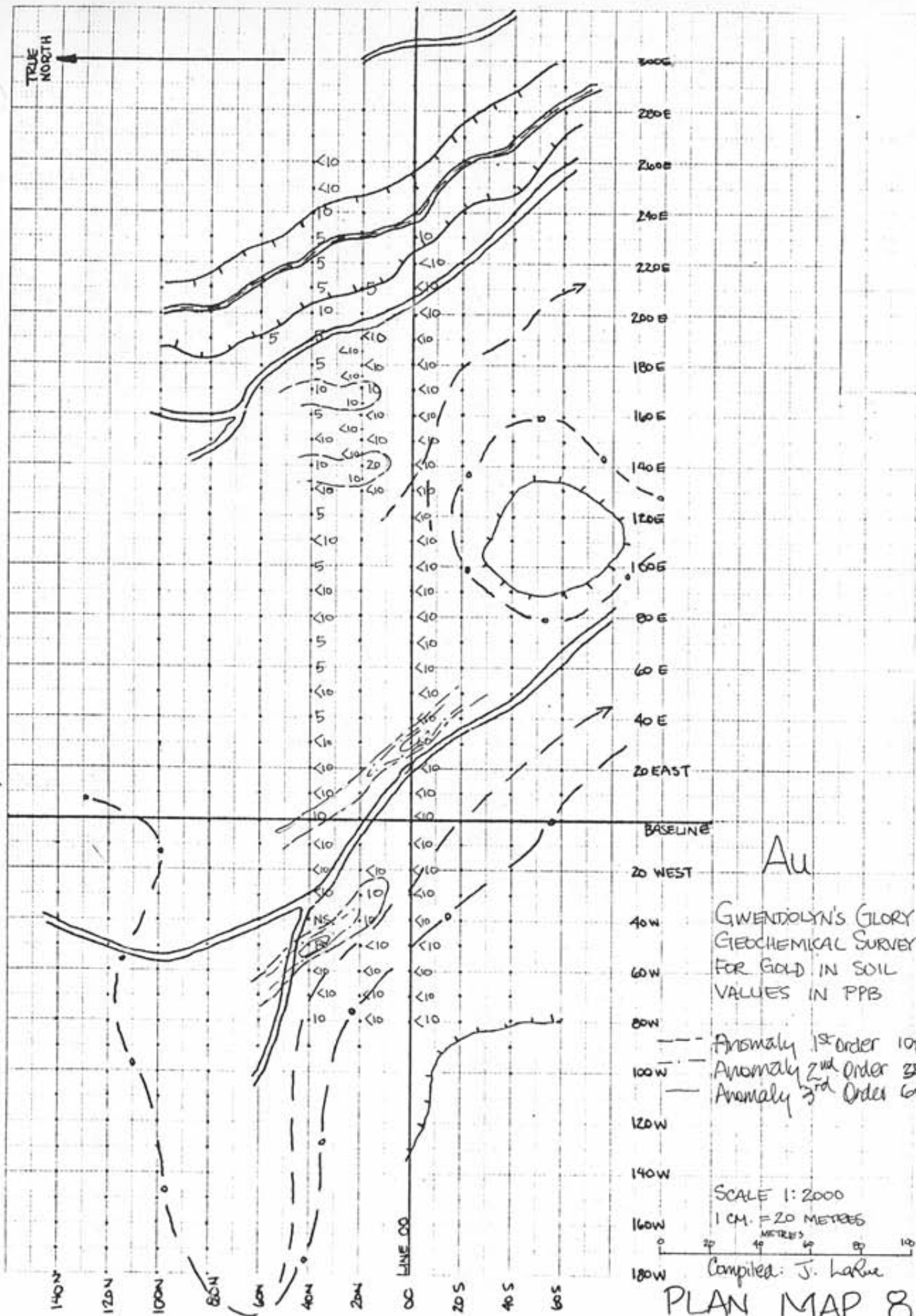
GWENDOLYN'S GLORY
 GEOCHEMICAL SURVEY
 FOR ARSENIC IN SOIL
 VALUES IN PPM

Anomalous Chromium
 - · - · - 1ST ORDER 20PPM
 - - - - 2ND ORDER 30PPM
 - - - - 3RD ORDER 40PPM

SCALE 1:2000
 1 CENTIMETRE = 20 METRES

Compiled: J. Harne

PLAN MAP 6



TRUE NORTH

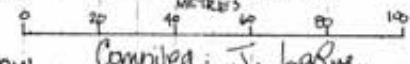
300E
280E
260E
240E
220E
200E
180E
160E
140E
120E
100E
80E
60E
40E
20E
00E
20 WEST
40W
60W
80W
100W
120W
140W
160W
180W

Au

GWENDOLYN'S GLORY
GEOCHEMICAL SURVEY
FOR GOLD IN SOIL
VALUES IN PPB

- Anomaly 1st Order 10ppb +
- - - Anomaly 2nd Order 25ppb +
- Anomaly 3rd Order 60ppb +

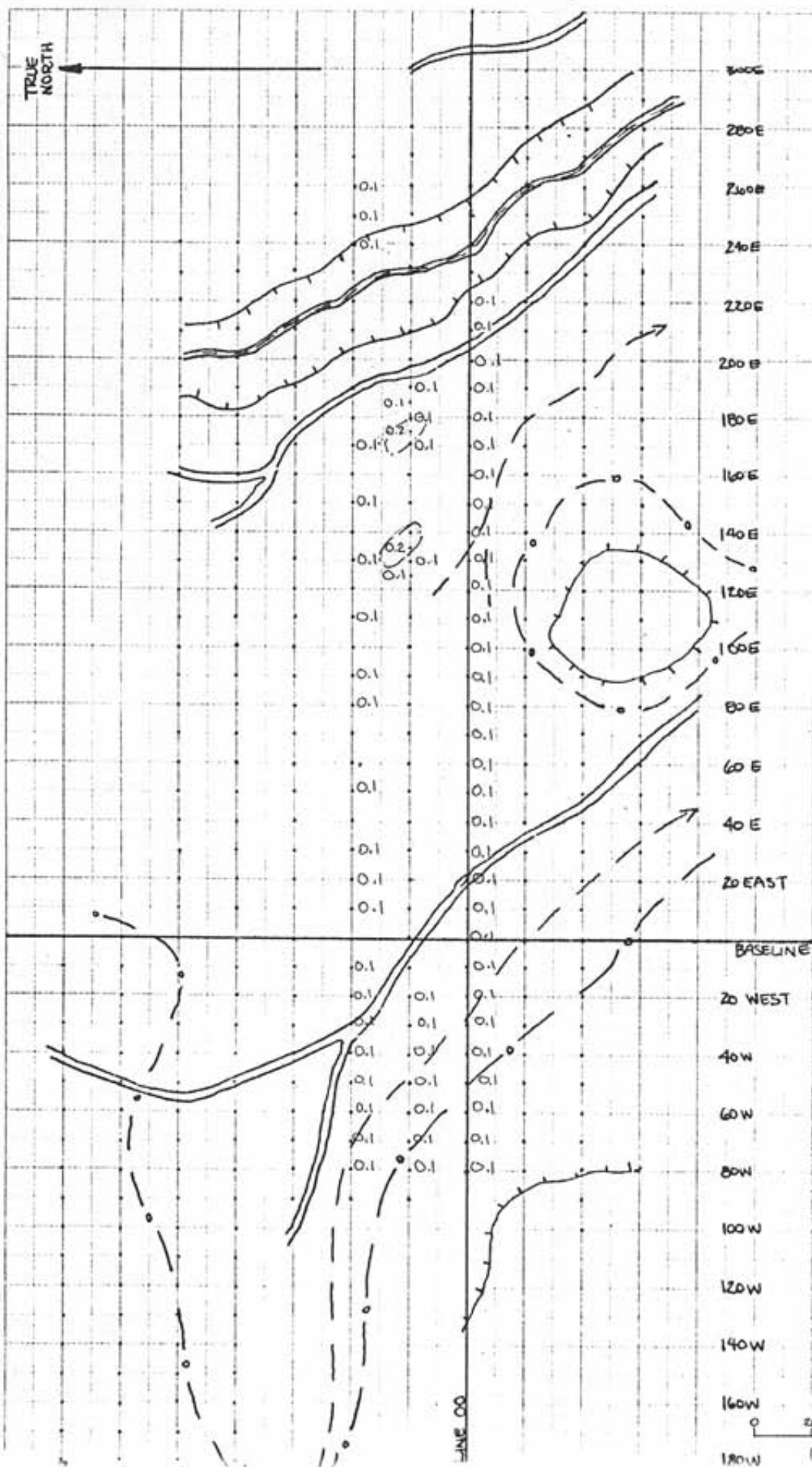
SCALE 1:2000
1 CM. = 20 METRES



Compiled: J. Larue

PLAN MAP 8

140N
120N
100N
80N
60N
40N
20N
00
20S
40S
60S

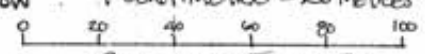


Ag

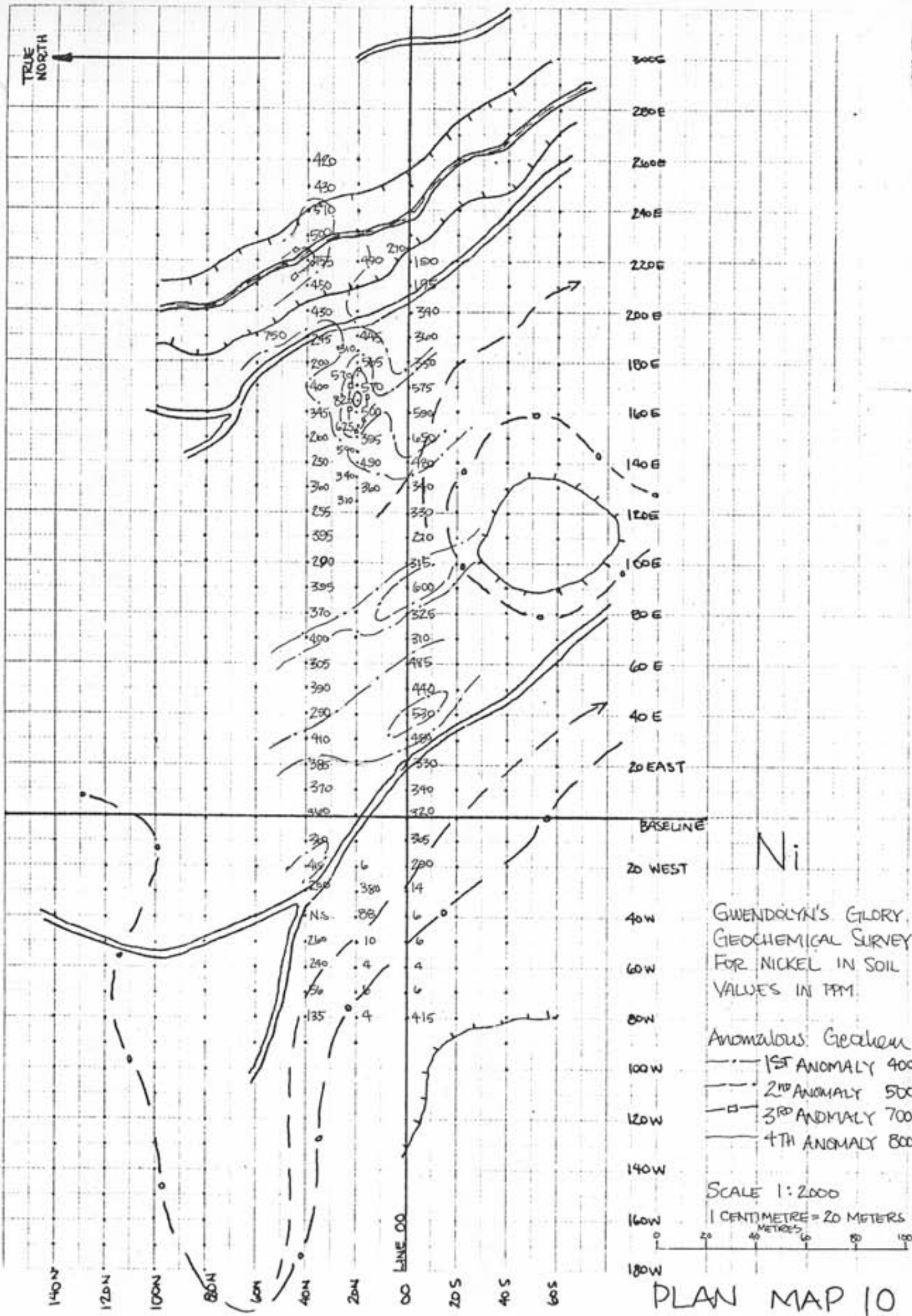
GWENDOLYN'S GLORY
GEOCHEMICAL SURVEY
FOR SILVER IN SOIL
VALUES IN PPM

--- Anomalous
Geochem

SCALE 1:2000
1 CENTIMETRE = 20 METRES



Compiled J. Larue





Pb

Gwendolyn's Gildry
 Geochemical Survey
 for Lead in Soil
 Values in PPM

Anomalous Geochemicals

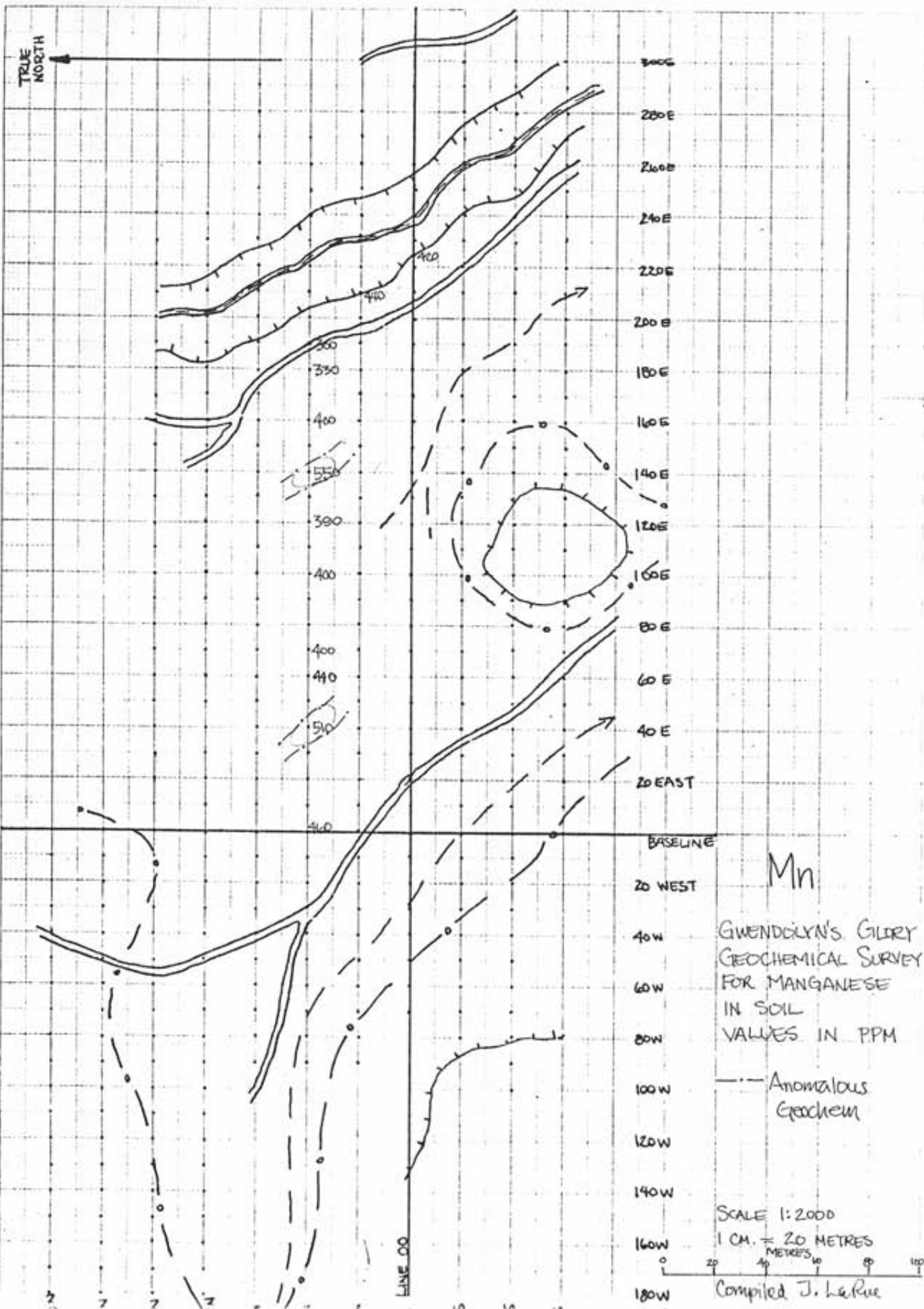
- 1st ORDER
- - - 2nd ORDER
- 3rd ORDER

SCALE 1:2000
 1 CM. = 20 METRES
 METRES

0 20 40 60 80 100

Compiled: J. Larkue

PLAN MAP 11



TRUE NORTH

300E
280E
260E
240E
220E
200E
180E
160E
140E
120E
100E
80E
60E
40E
20EAST
BASELINE
20 WEST
40W
60W
80W
100W
120W
140W
160W
180W

Mn

GWENDOLYN'S GILRY
GEOCHEMICAL SURVEY
FOR MANGANESE
IN SOIL
VALUES IN PPM

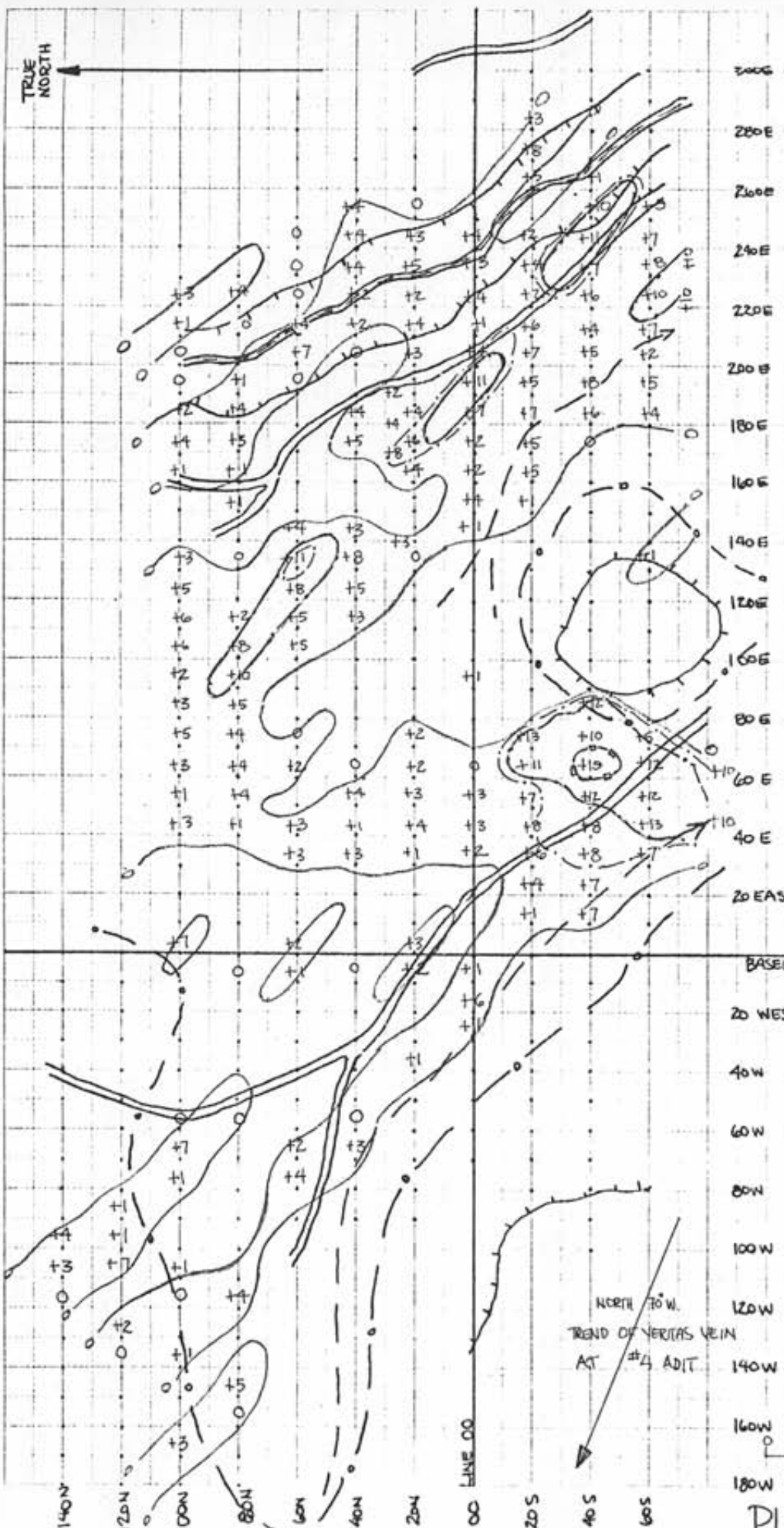
--- Anomalous
Geochem

SCALE 1:2000

1 CM. = 20 METRES
METRES

Compiled J. LeRue

LINE 00



Anomalous VLF-EM
Contours:

- - - 1st ORDER +8
- - - 2nd ORDER +11
- - - 3rd ORDER +19

GIWENDOLYN'S GLORY
VLF-EM (FRASER FILTERED)
SABRE ELECTRONICS MTD
CONTOURED. DIP ANGLE
NEGATIVE VALUES NOT CONTOURED

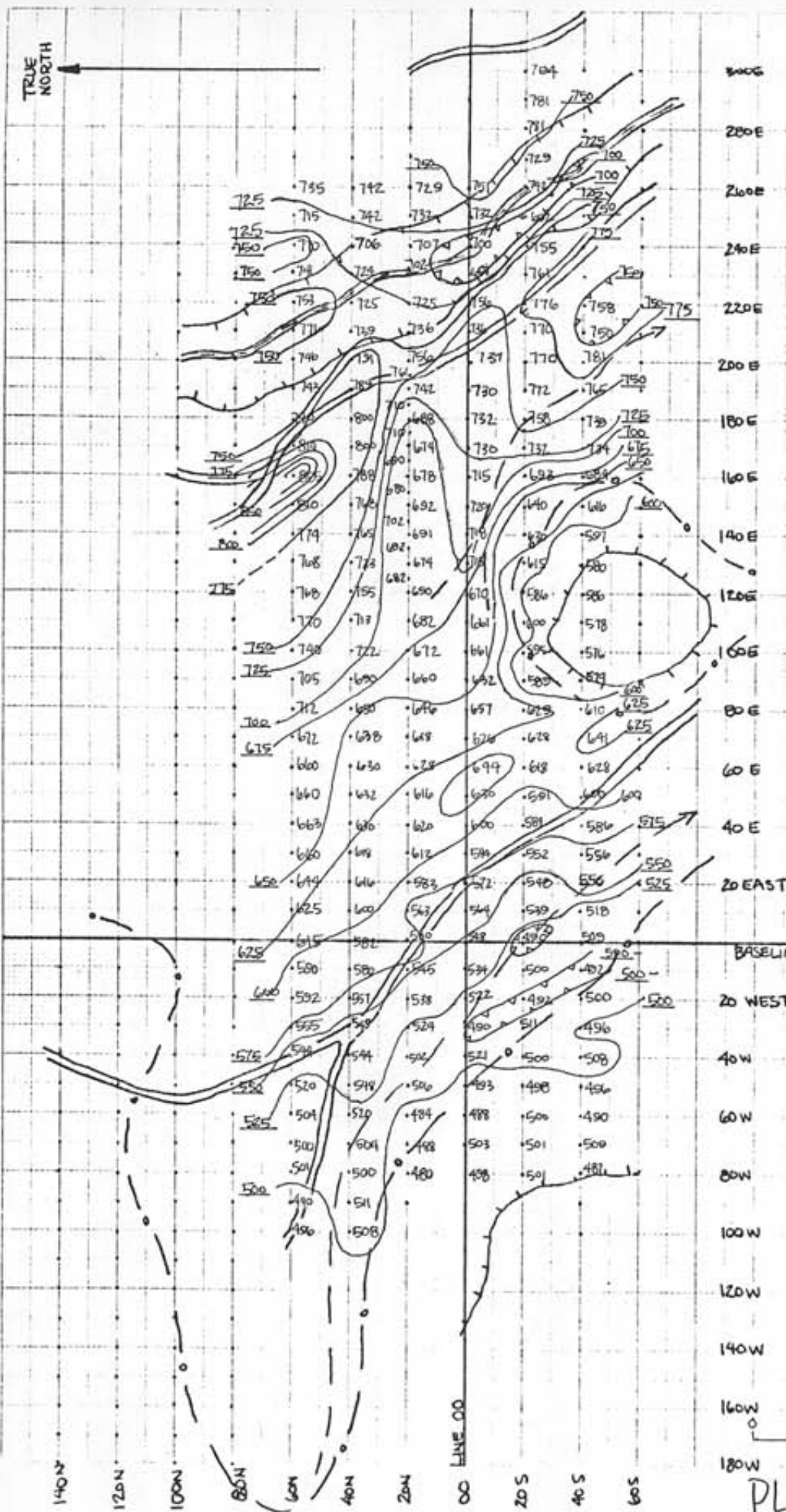
PRIMARY ANOMALY
SECONDARY ANOMALY
SOUTH OF EAST
DIRECTION TO VLF-EM RADIO
TRANSMITTER IN SEATTLE
DEPTH CALCULATED TO
+19 @ 40S 65E ANOMALY

SCALE 1:2000
1 CENTIMETRE = 20 METERS

Compiled by J. LaRue

PLAN MAP 13

TRUE NORTH



Gwendolyn's Glory
 MAGNETOMETER SURVEY
 (TOTAL INTENSITY OF
 MAGNETIC FIELD)

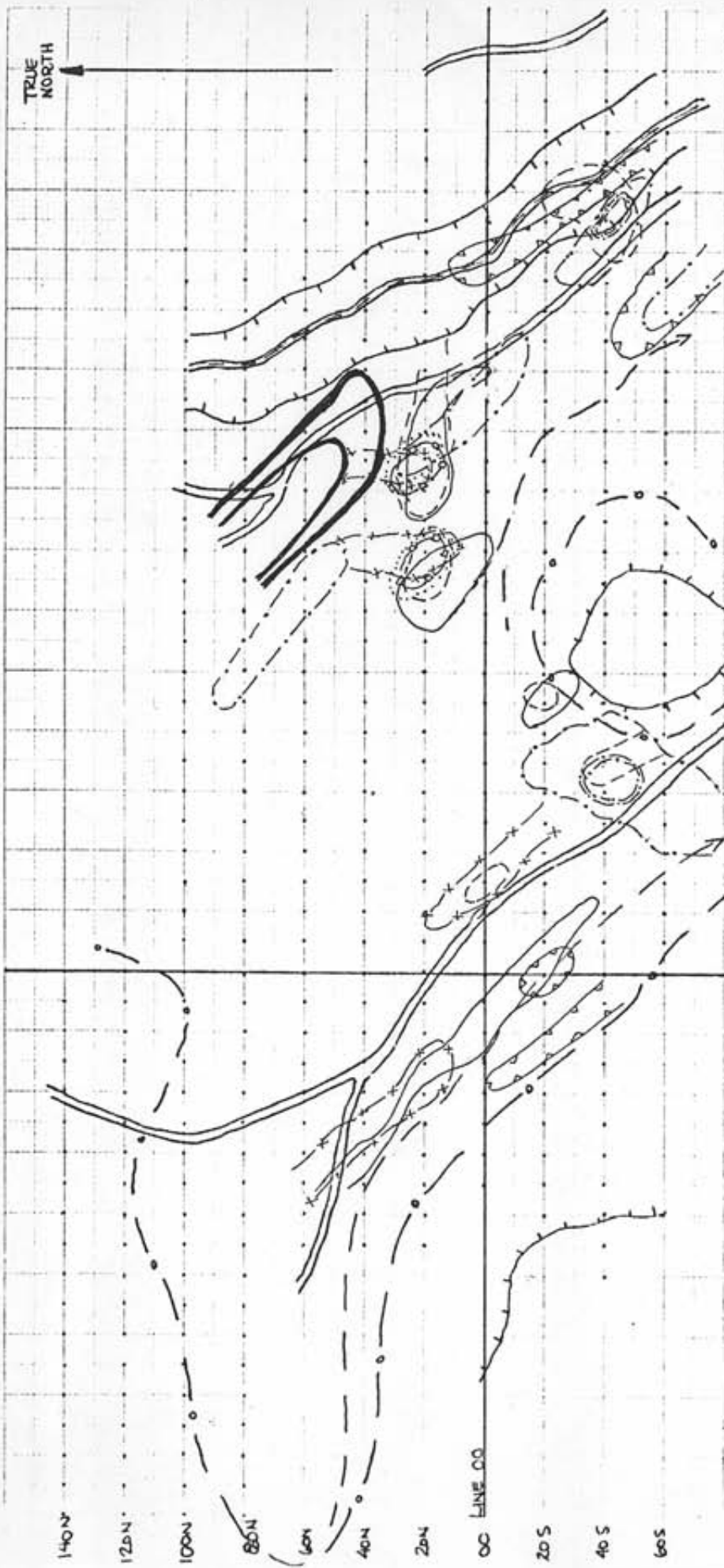
VALUES X 100 = GAMMAS
 (ie.: 695 X 100 = 69500 GAMMAS
 25,000 GAMMA CONTOURS
 MODEL G-110 GEOTRONICS INST.
 VANCOUVER

READINGS NOT CORRECTED
 FOR DIURNAL VARIATION

1:2000
 1 CENTIMETRE = 20 METRES

Compiled: J. Locke

PLAN MAP 14



TRUE NORTH

300E
280E
260E
240E
220E
200E
180E
160E
140E
120E
100E
80E
60E
40E
20 EAST

BASELINE
20 WEST
40W
60W
80W
100W
120W
140W
160W
180W

140W
120W
100W
80W
60W
40W
20W
0
20S
40S
60S

GWENDOLYN'S GLORY
COMPILATION MAP
OF GEOPHYSICAL
AND GEOCHEMICAL
ANOMALIES

- VLF HIGH
- AS
- - - Cu
- Pb
- Ag
- x-x- All
- MAGNETIC HIGH
- LOCAL MAG. LOW

SCALE 1:2000
1 CENTIMETRE = 20 METERS

Compiled by J. Larue

PLAN MAP 15