

84-743-15317

REPORT ON
THE
GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL EXPLORATION
OF
THE "AU" PROPERTY

N.T.S. 92 H/7E

Lat. $49^{\circ} 27' N$ Long. $120^{\circ} 42' W$
26.4' 4.4'

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,317 ^{PART 1 OF 2}

Owner/Operator: HECTOR RESOURCES INC.

by

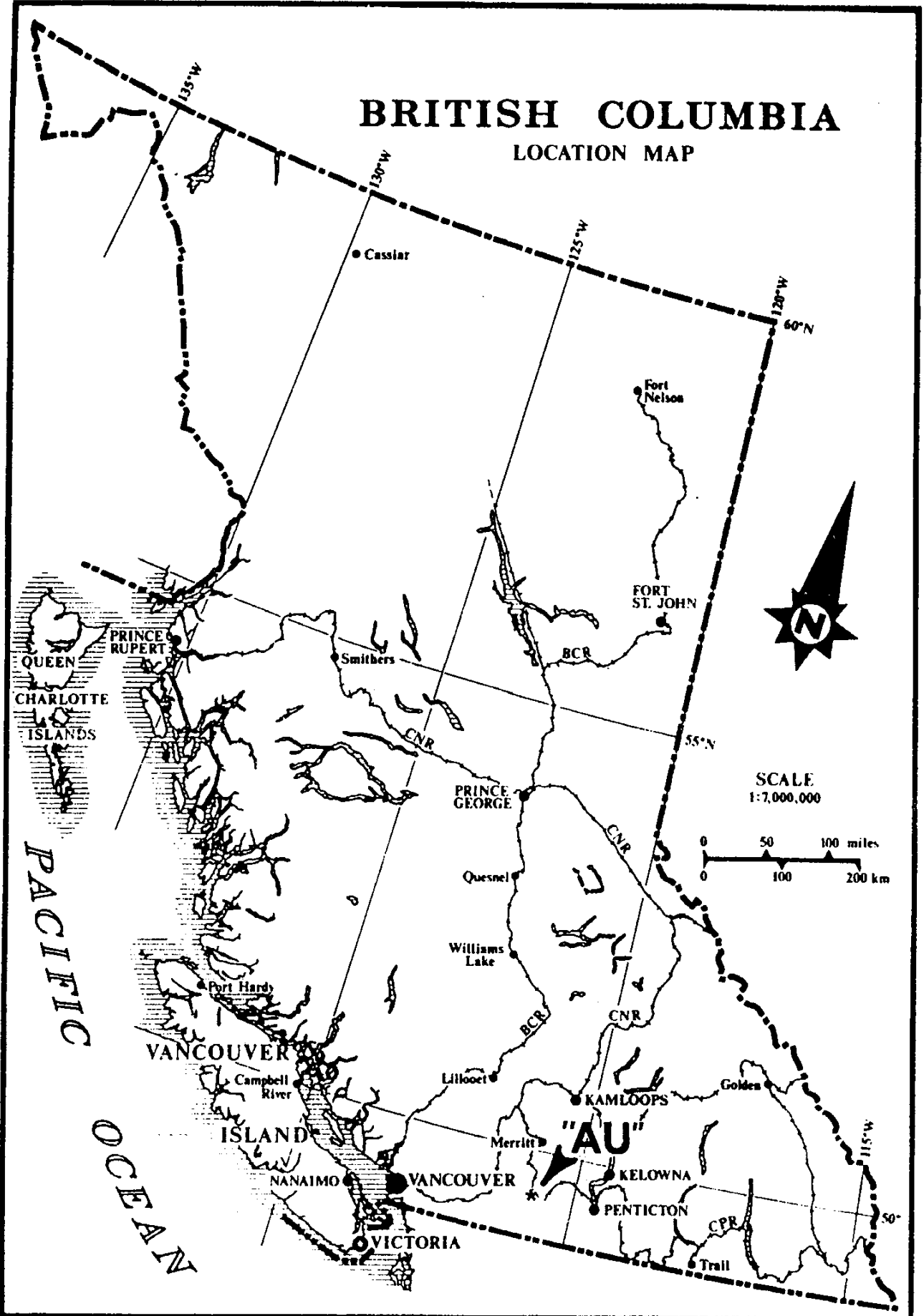
FILMED

I. Borovic, P. Eng.
Geologist

Vancouver, B.C.
November 12, 1986

BRITISH COLUMBIA

LOCATION MAP



IGNA
engineering &
consulting ltd.

HECTOR RESOURCES INC.
THE "AU" PROPERTY

| |
|----------|
| DATE |
| FIG. No. |

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SUMMARY, CONCLUSIONS AND RECOMMENDATION

The AU property of HECTOR RESOURCES Inc. is located 16 km west from Princeton B.C.

The property comprises 20 units covering a surface area of 500 ha (1250 acres)

The past mineral exploration of the area consisted mainly of tunneling and trenching of gold and silver bearing quartz veins. The results of assays for gold and silver were good but erratic. The area of the property needed more systematic exploration approach in order to get a better understanding of the geological, mineralogical and structural relations influencing deposition of gold, silver and copper minerals.

During the month of August, September and October 1986 a first stage extensive exploration program comprising geological mapping, geochemical soil and geophysical ground magnetic and VLF-EM surveys was done over the whole 20 unit claim area.

Summary of findings

Geology

Triassic, Nicola Group volcanic rocks comprising variety of agglomerates (lithic tuffs, tuffs and flows) are interbedded with limestones, sandstones, and argillites and intruded by Jurassic(?) intrusive rocks of granodiorite, diorite, gabbro composition. The sediments were folded and faulted and mineralization, composed of copper, gold and silver minerals, was implaced. Strong oxidation with hydrothermal alterations evident (epidote chlorite) in the south and southwestern part of the property is also found throughout the rest of the property but does not appear as strong.

Geochemical survey

A very high gold silver and copper anomaly discovered on the north central part of the property is about 600 m long and 200 m wide. It is also coincidental with high-low magnetic anomaly.

Geophysical survey

A high relief magnetic anomaly with the difference of 4500 gammas was found. It is considered to be caused by elongated "cylindrical" mineralized body.

VLF-EM survey shows good correlation with structural trend of the rock formations and a strong conductor mapped in the eastern part of the property is more than two km long and is probably a geological contact. Whether it is mineralized or not should be investigated.

In view of the fact that results of the 1986 exploration were very successful in indicating strong coincidental magnetic and gold-silver-copper soil anomalies located in the geologically favorable environment it is the writer's strong opinion that the continuation of the exploration of the 'AU' property is warranted.

An essential operation in an exploration program is an economic appraisal at each critical juncture in addition to the feasibility study prior to development. The present value of the exploration venture at any time in its history should have a marked impact on the design of the remainder of the exploration program.

The exploration program is therefore to consist of two phases, whereby the second phase is dependant on the results of the first phase.

Phase 1 (Fig.No.9)

The phase 1 is a target evaluation phase. A number of soil, magnetic and VLF anomalies have been discovered by 1986 exploration. In order to evaluate those anomalies especially in the north-central area an access road has to be constructed, and a number of trenches excavated.

Phase 2

The phase 2 is the "ultimate truth" phase and includes deep ,usually,diamond drilling.

ESTIMATED BUDGET 1986/87.

PHASE 1

(estimated time is one month.)

| | | |
|--|----|-----------|
| Geology, engineering, supervision, evaluation, road layout, sampling, assaying..... | \$ | 9 000.00 |
| Room&Board..... | \$ | 4 000.00 |
| Access road construction (3500 m)..... | \$ | 9 500.00 |
| Trenching (20 trenches, 500 m)..... | \$ | 12 000.00 |
| Transportation (4x4, bus)..... | \$ | 2 500.00 |
| Total | \$ | 37 000.00 |

| | | |
|------------------------------------|----|----------|
| Administration (20% of Total)..... | \$ | 7 400.00 |
|------------------------------------|----|----------|

| | | |
|--------------------|----|-----------|
| Total Phase 1..... | \$ | 44 400.00 |
|--------------------|----|-----------|

PHASE 2

(estimated time three to five month)

| | | |
|---|----|------------|
| Geology, engineering, supervision, evaluation.... | \$ | 50 000.00 |
| Room & Board..... | \$ | 20 000.00 |
| Diamond drilling..... | \$ | 500 000.00 |
| Transportation..... | \$ | 9 000.00 |
| Total | \$ | 579 000.00 |

| | | |
|------------------------------------|----|------------|
| Administration (20% of Total)..... | \$ | 115 800.00 |
|------------------------------------|----|------------|

| | | |
|--------------------|----|------------|
| Total Phase 2..... | \$ | 694 800.00 |
|--------------------|----|------------|

Property (Fig. 1)

Location: Lat. 49 27'N, Long. 120 42'W, N.T.S. 92 H/7E
Similkameen M.D. Sixteen road kilometers
west of the town of Princeton, B. C.

Claims: The property consists of one 20-unit mineral
claim:

AVT Rec. no. 1817

The Legal Corner Post, northern and southern
boundaries were found well marked in
accordance with B.C. staking regulations.

Owner: HECTOR RESOURCES Inc.
1140-625 Howe St.
Vancouver, B.C. V6C 2T6

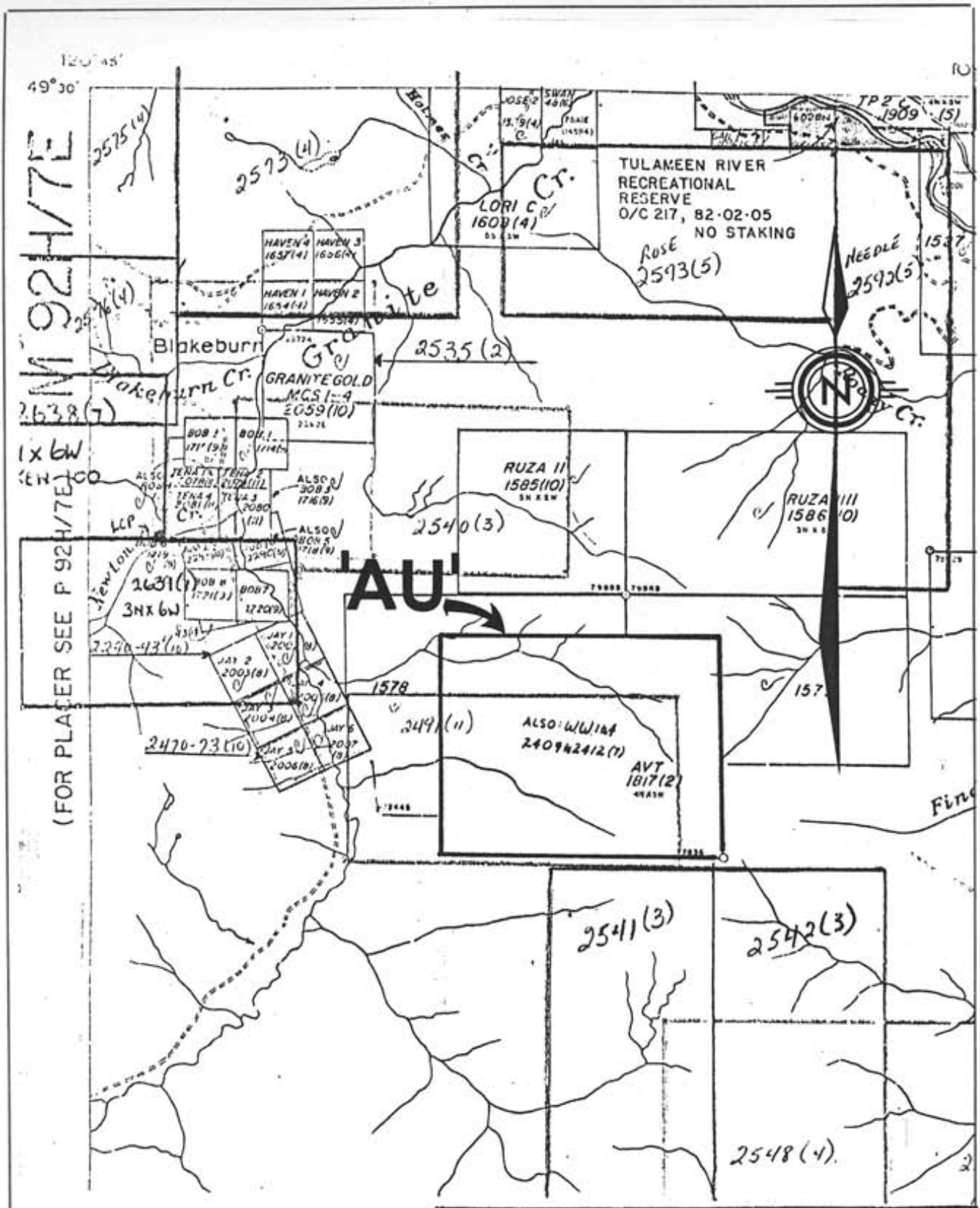
Access: Access to the property is provided by a
logging road that commences at Hwy #3 about
five km southwest of Princeton. The road
climbs in a westerly direction for 11.8 km
passing through the middle of the "AU" property
to its terminal point near Adit No. 2.

Facilities and Services:

The town of Princeton is a regional commer-
cial and administrative centre. Public
transportation services, a hospital and
schools are located in the town. Room and
board facilities for an exploration crew
are also available.

Property Resources:

There is ample timber available on the
property. Water for drilling is found in two
small streams that flow westward through the
northern and southern part of the property.
If required on higher elevations the water
would have to be pumped
Adequate, skilled manpower and some heavy-
duty equipment are available locally.



M 92 H/7 E
 2575(4)
 2573(4)
 2638(7)
 1x6w
 (FOR PLACER SEE P 92 H/7 E)

TULAMEEN RIVER
 RECREATIONAL
 RESERVE
 O/C 217, 82-02-05
 NO STAKING



AU

HECTOR RESOURCES INC.
 "AU" PROPERTY

CLAIM MAP

IGNA
 engineering &
 consulting ltd.

N.T.S. 92 H/7 E
 1 : 50,000

FIG. No.
1

IGNA

HISTORY OF EXPLORATION AND WORK DONE

The claim owned by Hector Resources Inc. encompasses an area which in the last 60 years has received considerable attention from the mining community. The claims are covering known showings, and surface and underground exploration workings.

1929 The Coalmont Gold Mine had a 20 m adit driven close to Granite Creek and "4-foot quartz lead was developed for that (20 m) distance." The vein contained some pyrite but mostly without any other minerals. Higher up the hill and to the east (at approx. 5360' (1634 m) elevation), the older workings (before 1929) were cleaned and timbered. A new upper tunnel was driven for 10 m to find the downward extension of a quartz vein 90 cm wide and 20 m distant, which was opened about 12 m above the tunnel. A general sample of this vein assayed a trace in gold and silver.

A middle tunnel, 55 m long and at about 1463 m elevation (150 m below the upper tunnel) was drifted on a fault which cut the mineralized vein diagonally. Pyrite and chalcopyrite mineralization was found. Assays gave 0.2% Cu and traces of gold and silver. Another adit was driven into the same structure with similar results. A crosscut was driven later on in the same year and has intersected mineralized quartz vein zone with "favorable results and some higher grade ore found".

The precious metals values published by the owners and recorded in Annual Report were shown in dollars:

- Gold \$15.80, silver \$ 1.33
- Gold \$53.60, silver \$23.76
- Gold \$ 5.20, silver \$15.54
- Gold \$24.39, -----
- Gold \$23.20, silver \$ 8.66

Therefore, assuming that the price of gold was \$35.00 per oz., picked samples assayed from 0.15 oz. of Au/t to 1.4 oz. of Au/t and silver from 0.5 to 10.0 oz/t.

- 1930-1970 No written records have been found for this period, however the writer found numerous trenches that were excavated during the 1960's (personal communication from T. Doubt, Prospector and former owner, Princeton, B. C.).
- 1974 Some prospecting was done by T. Doubt and a two man crew.
- 1983 In August Mr. D. Tully of Don Tully Engineering visited the "AU" property and channel-sampled the shear zone at the T-2 Adit (Fig. 3). The assay results are as follows:

| Sample No. | Au oz/t | Ag oz/t | Cu % | Width metres |
|------------|------------|------------|---------|-----------------|
| 1471 | 0.117 | 0.19 | 0.08 | 1 |
| 1472 | 0.073 | 0.14 | 0.038 | 1 |
| 1473 | 0.012 | 0.03 | 0.025 | 1 |

The writer has, during his property examination on October 3 and 4, 1983, independently channel-sampled the whole width of the shear zone of the T-2 Adit and the assays show:

| Sample No. | Au oz/t | Ag oz/t | Width metres |
|------------|------------|------------|-----------------|
| R AU-1 | 0.306 | 0.07 | 6 |

Grab sample R Au-2 taken from the dump in front of the T-2 Adit assayed R AU-2 0.084 oz/t of Au and 0.20 oz/t Ag.

Mr. Tully and the writer also independently sampled a narrow quartz vein above the T-2 Adit. Assays show very low-grade gold and silver content:

| Sample No. | Au oz/t | Ag oz/t |
|---------------------|---------|---------|
| 1476 (D. Tully) | 0.002 | 0.02 |
| R AU-3 (I. Borovic) | 0.004 | 0.03 |

The writer has also sampled a number of quartz veins that were uncovered by open cuts in the AU-3 and AU-4 areas, with the following assay results:

| Sample No. | Au oz/t | Ag oz/t | Width | Comment |
|------------|------------|------------|-------|------------------------|
| R-AU-4 | 0.130 | 0.50 | 1.0 m | Q vein |
| R-AU-5 | 0.012 | 0.10 | 0.5 m | Q vein |
| R-AU-6 | 0.003 | 0.03 | | Grab, tuff with pyrite |
| R-AU-7 | 0.015 | 0.15 | | Grab, tuff with pyrite |

Locations of samples are shown on Fig. 3. of the I. Borovic's 1983 Report.

GEOLOGY

General Geology (Fig. 2) (Rice, H.M.A., 1944)

The area encompassed by the "AU" property is underlain by rocks of the Upper Triassic Nicola Group. Small ultrabasic peridotite, pyroxenite and gabbro stocks outcrop to the south and granodiorite stocks of the Coast intrusion outcrop to the east of the property.

The Nicola Group is a large and varied assemblage composed mainly of varicolored volcanic rocks, argillites, tuffs, limestones and various metamorphosed forms of the same rocks.

"The ultrabasic rocks are believed to be the oldest intrusive bodies. They are, however, probably closely related to and may be an early phase of the Coast intrusions of Jurassic Age." (Rice, H.M.A., 1944)

The structure of the Nicola Group is characterized by tight north to northeast striking folds. Strong faulting with a northwest strike has been recognized in the property area.

Property Geology (Geology Map, Fig No.3)

The property was mapped on the 1:5 000 scale map

Jurassic(?) Coast Intrusions

Granodiorite, Diorite, Gabbro (Jg)

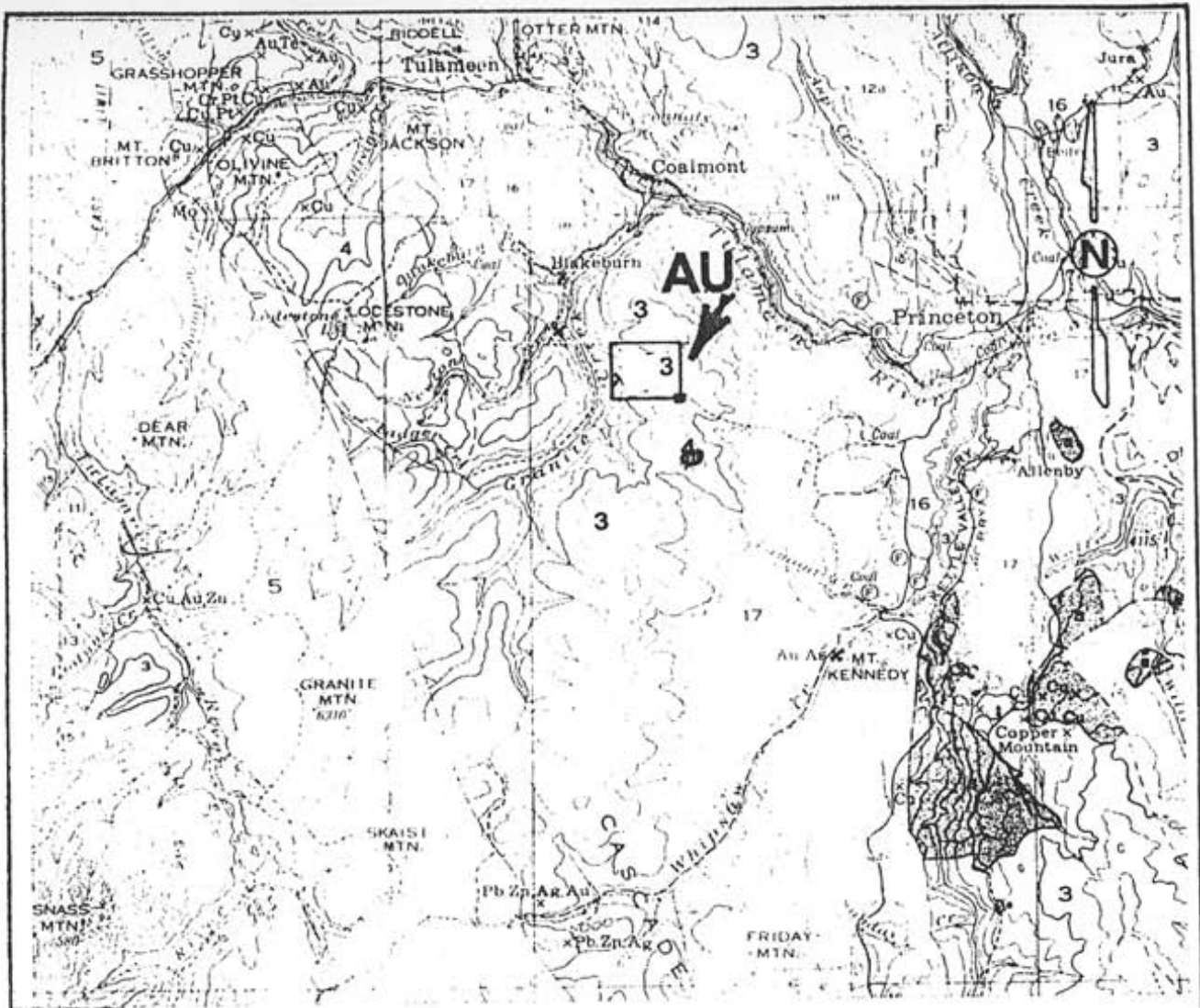
Medium to coarse grained equigranular rocks composed of feldspar, minor quartz, biotite and hornblende.

This type of granodiorite outcrops as a small stock underlying highest peak 1804.0 m in the eastern part of the property.

Medium to finegrained gabbro with epidote alteration exposed on or near the contacts with volcanoclastic and sedimentary rocks of Nicola Group is underlying the area near the old workings in the western part of the property at the end of the access road.

Smaller size surface exposure of the similar type of intrusive rocks with some magnetite -tourmalin concentrations are found in the road cut near the lines 7W and 8W.

This area also appears to be more oxidized and hydrothermal altered.



LEGEND

JURASSIC OR LATER



Peridotite, pyroxenite, gabbro

TRIASSIC

UPPER TRIASSIC NICOLA GROUP



Various types of lava, andesite, tuff, limestone, chert, sandstone, shale

Fault

Local locality

Mineral occurrence



HECTOR RESOURCES INC.
"AU" PROPERTY

GENERAL GEOLOGY
(H.M.A. RICE 1947)

IGNA
engineering &
consulting ltd.

N.T.S. 92 H/7E
SCALE 1"=4 MILES

FIG. No.
2

Upper Triassic, Nicola Group

Agglomerates (T Na) , Limestones and argillites (T N1)

The AVT claim is underlain by green to greenish-gray volcanoclastic rocks ranging from fine to coarse-grained tuffs and agglomerates (T Na) interbedded with light gray to buff coloured limestones and dark gray platy argillites (T N1)

Structure

Strong shear zones have been noted in the area of the old Adit. The foliation has a strike of 95 and a dip of 55 to the north. The shear zone is sub-parallel to the strike of the foliation on the line 10 and 11W where foliation strikes approximately 75 and dips steeply to the north. Smaller faults are parallel to or crosscut the foliation. Strike of the limestone lenses interbedded in the volcanic sediments is 345 and dip is about 35 to the east. Two distinct fracture and joint patterns are : azimuth 55 to 75 dipping to the north and 310 dipping from 50 to vertical.

Mineralization

A widespread hydrothermal alteration recognized in the south west portion of the property is characterized by the presence of chlorite-epidote and feldspar and is probably due to the deeper erosion and proximity of an intrusive body. Mineralization consists of pyrite, minor chalcopyrite, tetrahedrite, malachite, gold and silver. There are at least two crosscutting quartz-bearing structures recognized on the property. The gold-bearing quartz veins appear to be more related to structures striking east-southeasterly rather than to the structures striking east-northeasterly.

Twenty two rock chip samples (S-1 to S-22; are shown on the Geology map Fig.No.3) were taken from the area of old workings. Results show low grade gold, silver and copper mineralization with one higher grade sample (S-15) containing 2.15 ppm (2.15 gram/metric ton), 1.9 ppm Ag. The rest of samples averaged : 0.11 ppm Au; 0.6ppm Ag; 75 ppm Cu.

WORK DONE 1986

Field work comprising geological mapping, geochemical soil and geophysical groundmagnetic and VLF-EM surveys was done on the AU property from Aug, 15. till Oct, 15, 1986. by Igna Engineering and Consulting Ltd. crew supervised and directed by I. Borovic P. Eng.

Survey control

A topo map in scale 1:5 000 was developed from airphotographs by Delta Aerial Surveys of Richmond, B.C.

An exploratory grid was established over the whole property. The base line commenced 1 km north from the Legal Corner Post and was surveyed for 2400 m west. From the base line cross lines were flagged at 100 m intervals and marked every 100 m on the line leading north and south from the base line. The complete grid measured 46.1 Km lines. Lines 7, 8, 9, 10, 17, 18, 19, 20 and 21 were marked at 50 m intervals in order to cover areas with old workings in more detail.

GEOCHEMICAL SOIL SURVEY

Sampling method

Throughout the AU property very thin glacial sediments cover the bedrock. Soil horizons are relatively poorly developed. Most of the area is covered with loose clasts mixed with sandy to mucky product of the erosion of the volcaniclastic rocks underlying the area.

Samples were taken from the "B" horizon which is about 5 to 15 cm below surface. In most cases a layer of humus is only 2 to 4 cm thick and an underlying leached layer is from 4 to 10 cm thick. The soil material was collected with a spoon; cleaned of larger size particles and put in the standard soil sample envelope which was marked with coordinate location. Samples were collected at regular 100 m intervals along the lines and in some areas on the 50 m intervals.

Analytical methods

Soil samples were dried, pulverized, screened to -80 mesh and subsequent AA analyses were done by General Testing Laboratories of Vancouver, B.C.
Samples were assayed for gold, silver and copper.

Presentation of results

The results of the geochemical survey are presented in Figures No. 4, 5 and 6 of this report. These are plan maps in a scale 1:5 000 showing gold, silver and copper contents in parts per million.

Discussion of results

- Gold** Statistical calculations show threshold at 0.05 ppm;
Fig.4 Anomalous values are plotted from 0.05 to 0.10 ppm and values of 0.20 ppm and higher are considered highly anomalous.
 The highest anomalous gold values occur on the following lines: L8W, 9W, 10W, 11W Stations 700N to 850N This is the coincidental soil (gold, silver and copper anomaly), and ground magnetic anomaly.
 The other high gold values are located on following locations: L0W St. 100&200N; L3&4W St 900N; L8W St 500N; L10W St 500N; L13W St 800N (possible salting from higher elevations); L18W St 300N; L19W St 450N; L8W St 900S; L9W St 400S; L10W St 800S; L13W St 100S
- Silver** Anomalous values start at 0.7ppm and values of 2.0
Fig.5 ppm and higher are considered highly anomalous.
 Anomalous Silver values are covering north central and north eastern part of the property.
 Highly anomalous area is located on L3W St 900N and also on L9W St 800N and L13W St 900N.
 A background silver values are dispersed through the central portion of the silver anomalous area.
- Copper** Anomalous values start at 50 ppm and values of 200
Fig.6 ppm, and higher, are considered highly anomalous.
 The highest anomalous copper values occur often on the same locations as the anomalous values obtained for gold and silver. In the area of the high coincidental soil and magnetic anomaly copper content in soils is 2135 ppm.

Conclusion

The results indicate a number of gold-silver-copper anomalous zones significantly coincidental. The zones do not have particular orientation but highest anomalies are coincidental with magnetic anomaly. (Lines: 8W, 9W, 10W, 11W Stations: 700N, 850N).

Some of the high gold values in soils are also found outside of this significant area

Dispersion of silver shows higher values to be concentrated in the north central and north eastern part of the property giving additional significance for the mineral exploration to that area.

High copper content in the soils is distributed throughout the area but real high values coincide with high gold and silver values.

GEOPHYSICAL SURVEY

The ground magnetic and VLF EM surveys were conducted over the most of the property except for about 400 m of the western part toward the Granite Creek where the extreme steep slopes prohibited the survey.

Instrumentation

The Scintrex Integrated Portable Geophysical System composed of IGS-2 System Control Console and two sensors: the MP-4 Proton Magnetometer and VLF-4 VLF Electromagnetic sensor.

IGS-2 System Control Console contains CMOS microprocessor and EPROM and RAM memory and peripheral electronics which permit execution of three functions:

- a) use of variety of sensors
- b) data recording and
- c) playback, calculation, correction, listing and plotting of data on a printer or by using microcomputers.

MP-4 Proton Magnetometer Sensor Option measures the earth's total magnetic field to a sensitivity of 0.1 gammas.

In order to eliminate the effect of diurnal magnetic field variations a Base Station with continuous recording was used and corrections made after at the end of a day's survey.

VLF-4 VLF Electromagnetic Sensor Option measures magnetic field used to interpret conductor geometry. It gives readings for horizontal field, in-phase and quadrature automatically. It measures several components of the VLF-magnetic field with the tilt compensated sensor making survey more accurate.

Ground magnetometer survey
(Fig.No.7)

Data preparation and presentation

All readings were, reduced by 56000 gammas for easier processing. Reduced values are plotted on the 1: 5 000 scale Ground Magnetic Survey Map (Fig.No.7) and contoured.

Discussion of Results

A very high magnetic relief with total difference of 4500 gammas was recorded. This relief is almost totally associated with the anomaly located in the north-central area of the property. In comparison the southwestern half of the property is relatively low and relief is flat. A slightly stronger relief expression is found in the southeastern part of the property with a relief of about 1500 gammas.

The north-central anomaly is a dipole, with the high portion having a larger amplitude and sharper relief than the associated low.

From the geometry of the anomaly it is the writer's conclusion that the magnetic body causing the anomaly is probably an elongated "cylinder" dipping to the west. From the amplitude and magnetic contrast it is concluded that the low-high magnetic relief represents a strong geological feature, very possibly volcanic-intrusive or ultrabasic intrusive-sedimentary contact. Because of the coincidental gold, silver and copper anomaly it is writer's conclusion that the contact is mineralized.

VLF electromagnetic survey
(Fig.No.8)

Data preparation and presentation

In-phase and quadrature results are plotted on the 1:5 000 scale map (Fig.No.8) and in-phase results contoured.

Discussion of results

A strong conductor striking in a north-south direction is located in the eastern part of the property and judging by its persistence and correlating with geological data the conductor appears to represent geological contact. It is not evident if the conductor is mineralized or not.

BIBLIOGRAPHY

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STATEMENT OF EXPENSES

The following is a breakdown of expenses incurred in carrying out the work in the area of AVT(1817) mineral claim during the month of August, September and October 1986.

Personnel:

| | |
|-------------------------------------|-------------|
| Supervisor; Geological engineer | (\$250/day) |
| Geologist, | (\$200/day) |
| Geophysicist-assistant | (\$200/day) |
| Five line cutters and soil samplers | (\$125/km) |

Field Work

| | | |
|--|----|----------|
| Supervision, engineering..... | \$ | 6250.00 |
| Line cutting 46.0 km | \$ | 5750.00 |
| Materials, chain saw rental..... | \$ | 731.39 |
| Geological mapping(31 days)..... | \$ | 6200.00 |
| Map preparation, coppies, materials..... | \$ | 1005.00 |
| Soil sampling, 46.0 km | \$ | 4410.00 |
| Materials..... | \$ | 150.00 |
| Ground magnetic and VLF-EM surveys..... | \$ | 3800.00 |
| Equipment rental..... | \$ | 5089.41 |
| Room and Board 136 man/days..... | \$ | 5151.05 |
| Transportation (bus, shipping)..... | \$ | 209.62 |
| Truck 4x4 rental, gas, oil, lube, maintenance) | \$ | 4142.75 |
| Materials..... | \$ | 508.28 |
| TOTAL..... | \$ | 43397.50 |

Office Work

| | | |
|---|----|---------|
| Assaying 652 samples. (General test. Vanc.) | \$ | 4858.99 |
| Report..... | \$ | 2000.00 |
| Draughting, printing, enlargements..... | \$ | 1850.00 |
| Word processing..... | \$ | 150.00 |
| TOTAL..... | \$ | 8858.99 |

| | | |
|-------------------|----|----------|
| TOTAL FIELD..... | \$ | 43397.50 |
| TOTAL OFFICE..... | \$ | 8858.99 |

| | | |
|---------------------|----|----------|
| TOTAL EXPENSES..... | \$ | 52256.49 |
|---------------------|----|----------|


IGNA

C E R T I F I C A T E

I, I. Borovic, of the city of Vancouver, B.C., do hereby
certify that:

1. I have personally supervised the exploration program
carried out in the area of AU property of HECTOR
RESOURCES Inc. located 16 km west of Princeton B.C.

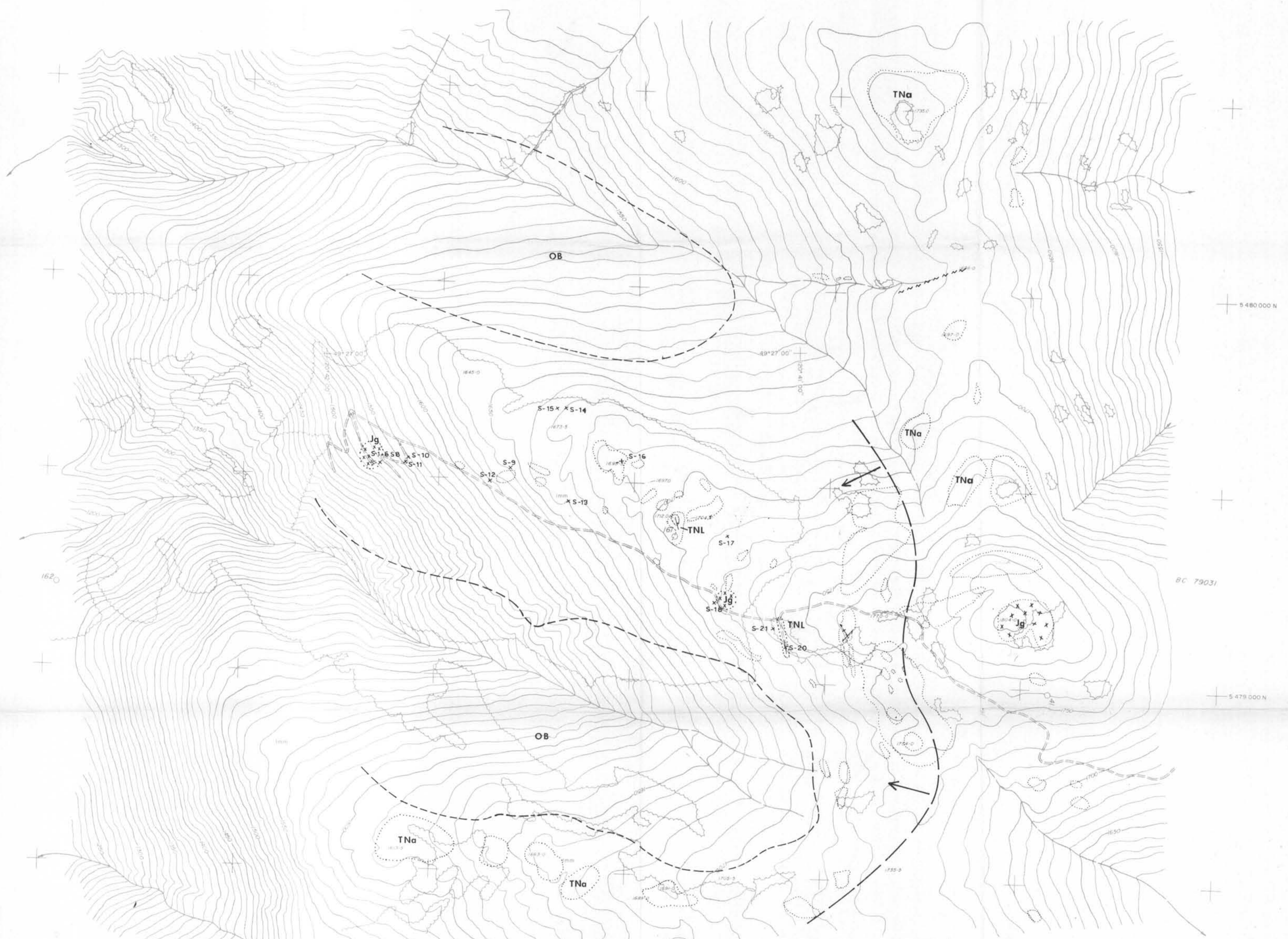
- 2 The expenditures claimed for the performance of the
work are correct

Respectfully submitted



I. Borovic P.Eng.

Vancouver, Nov. 12. 1986.



LEGEND

- JURASSIC (??)**
- x x
x Jg x granodiorite
diorite gabbro
- TRIASSIC**
- UPPER TRIASSIC NICOLA GROUP**
- TNa TNa agglomerate
 - TNL TNL limestone
 - bedding
 - foliation, vertical, inclined

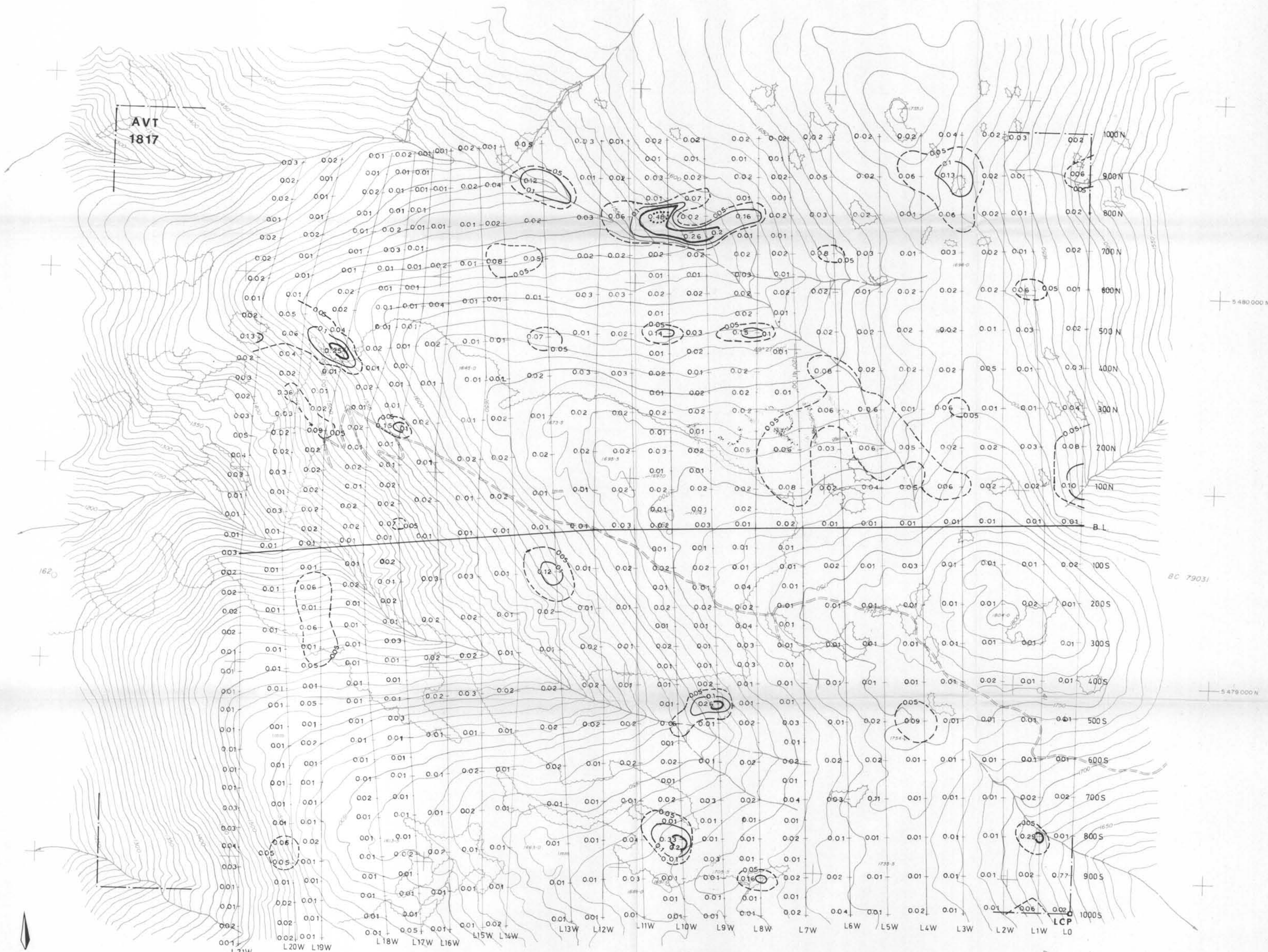
- ALTERATION**
- arrow pointing in the rection of stronger oxidation
 - OB area covered by overburden
 - S-2 rock samples

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,317



| | | | | |
|--------------------|--------------------|-------------------|------------------------------|--|
| IGNA | GEOLOGY MAP | | HECTOR RESOURCES INC. | SCALE - 1:5000 |
| | NTS: 92H/7E | FIG. No. 3 | | CONTOUR INTERVAL - 10 m. GRID - UTM, ZONE 10 UTM - 01° 42' E of TN MAG - 21° 30' 30" E of TN PROJECT NO. - 8856 JULY 1986 DATE OF PHOTOGRAPHY - AUG. 1986 |
| DATE: NOV. 4/ 1986 | DRWN BY: DB. | | A.U. PROPERTY | |



AVT
1817

LEGEND

- | | | |
|----------|-----------|------------------|
| Au | — | background |
| 0.05 ppm | - - - - | anomalous |
| 0.10 ppm | — | |
| 0.20 ppm | — | highly anomalous |
| 0.40 ppm | · · · · · | |

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15.317

IGNA

GEOCHEMICAL SOIL SURVEY - Au in PPM

NTS: 92 H/7E
DATE: NOV 4 / 1986 DRWN. BY: DB.

FIG. No.
4

HECTOR RESOURCES INC.

A.U. PROPERTY

SCALE - 1:5000
CONTOUR INTERVAL - 10 m.
GRID - UTM ZONE 10
UTM - 01° 42' E of TN
MAG - 21° 30' 30" E of TN
PROJECT NO. - 8656 JULY 1986
DATE OF PHOTOGRAPHY - AUG 1966

AVT
1817

LEGEND

Ag — background
0.7 ppm - - - - - } anomalous
1.0 ppm ———— }
2.0 ppm ———— }
50 ppm } highly anomalous
100 ppm ●

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,317

IGNA

GEOCHEMICAL SOIL SURVEY - Ag in PPM

NTS: 92H/7E

DATE: NOV. 4 / 1986

DRWN. BY: D.B.

FIG. No.

5

HECTOR RESOURCES INC.

A.U. PROPERTY

SCALE - 1:5000

CONTOUR INTERVAL - 10 m.
GRID - UTM ZONE 10
UTM - 21° 42' E of TN
MAG - 21° 30' 30" E of TN
PROJECT NO. - 8656 JULY 1986
DATE OF PHOTOGRAPHY - AUG. 1966



AVT
1817

LEGEND

- Cu
- background
 - anomalous
 - highly anomalous
- 50 ppm
- 100 ppm
- 200 ppm
- 400 ppm
- 1000 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,317

IGNA

GEOCHEMICAL SOIL SURVEY - Cu in PPM

HECTOR RESOURCES INC.

NTS: 92H/7E

FIG. No.

A.U. PROPERTY

DATE: NOV. 4/ 1986 DRWN. BY: D.B.

6

SCALE - 1: 5000

CONTOUR INTERVAL - 10 m.

GRID - UTM ZONE 10

UTM - Q1° 42' E of TN

MAG - 21° 30' 30" E of TN

PROJECT NO. - 8656 JULY 1986

DATE OF PHOTOGRAPHY - AUG. 1986

AVT
1817

LEGEND

- 1000 gammas - - - - -
- 1500 gammas ————
- 2000 gammas ————
- 2500 gammas ······
- 3000 gammas ————
- 5000 gammas ————

values reduced by 56,000 gammas;
measurements of earth's total magnetic field

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,317

IGNA

GEOLOGICAL BRANCH
ASSESSMENT REPORT

NTS: 92H/7E

DATE: NOV. 4 1986

DRWN. BY: D.B.

FIG. No.

7

HECTOR RESOURCES INC.

A.U. PROPERTY

SCALE - 1:5000

CONTOUR INTERVAL - 10 m.
GRID - UTM ZONE 10
UTM - 01° 42' E of TN
MAG - 21° 30' 30" E of TN
PROJECT NO. - 8656 JULY 1986
DATE OF PHOTOGRAPHY - AUG. 1986



AVT
1817


LEGEND

INSTRUMENT: SCINTREX
IGS-2/VLF-4

STATION: SEATTLE/WASH / 24.8 kHz

IN PHASE CONTOURES  10

CONDUCTORS  0

(QUADRATURE) V-Q  V-IP (IN PHASE)

4-9
L 2 W



DELTA AERIAL SURVEYS LTD.
11700 104th Avenue, Delta, BC V4C 2G8

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

NTS 92H/7E

DATE NOV 4 / 1986

DRWN BY D.B.

FIG No

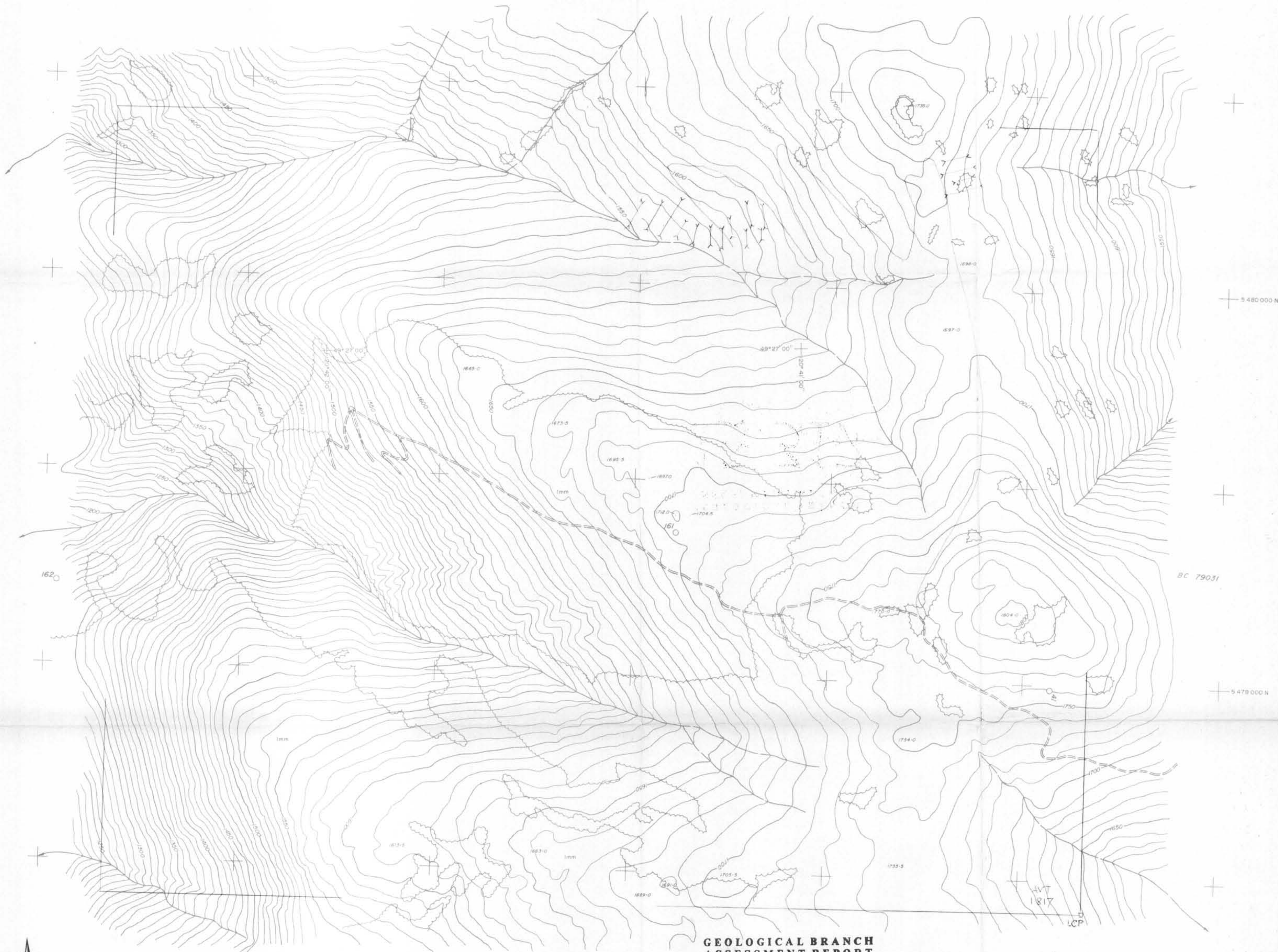
8

HECTOR RESOURCES INC.

A.U. PROPERTY

SCALE - 1:5000

CONTOUR INTERVAL - 10 m.
GRID - UTM ZONE 10
UTM - 01° 42' E of TN
MAG - 21° 30' 30" E of TN
PROJECT NO. - 8856 JULY 1986
DATE OF PHOTOGRAPHY - AUG. 1986





**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,317



LEGEND

-  Access road
-  Proposed access road trench

IGNA

PROPOSED EXPLORATION

HECTOR RESOURCES INC.

NTS: 92 H/7E
DATE: NOV 4 / 1986 DRWN BY: d.b.

FIG. No
9

A.U. PROPERTY

SCALE - 1:5000
CONTOUR INTERVAL - 10 m.
GRID - UTM ZONE 10
UTM - 01° 42' E of TN
MAG - 21° 30' E of TN
PROJECT NO. - 8656 JULY 1986
DATE OF PHOTOGRAPHY - AUG. 1966