

Geochemical and Geophysical Report

on

Chip 83 Group
(Chip 1, Chip 2, Chip 3, Chip 4, Chip 5,
Chip 6 and Chip 7 Mineral Claims)

Victoria Mining Division
NTS 92B/13W, 92C/16E
Latitude 48°55'N by Longitude 124°00'W

by

C. C. Everett and W. G. Cooper

January 15, 1984

Esso Resources Canada Limited
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Vancouver, B.C.
V6E 3J7

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,345

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Summary

The Chip 83 Group is located on Vancouver Island approximately 22 km northwest of Duncan and 13 km southwest of Ladysmith. This report documents a soil geochemical, horizontal loop EM and magnetics survey for volcanogenic massive sulphides in Sicker Group meta-volcanics.

Results from the 1983 exploration program indicate three low to moderate amplitude soil geochemical anomalies and 3 probable HLEM conductors associated with Myra Formation felsic volcanics. The EM conductors are considered weak conductive features and may indicate good conductors at depth or poor conductors near surface.

Soil profile sampling and Max Min II EM surveying are recommended as follow up exploration in these areas.



ESSO MINERALS CANADA

CHEMAINUS PROJECT
CHIP 83 GROUP
PROPERTY LOCATION MAP

0 100 200 300 MILES
0 100 200 400 KILOMETRES

FIGURE. I

1.0 Introduction

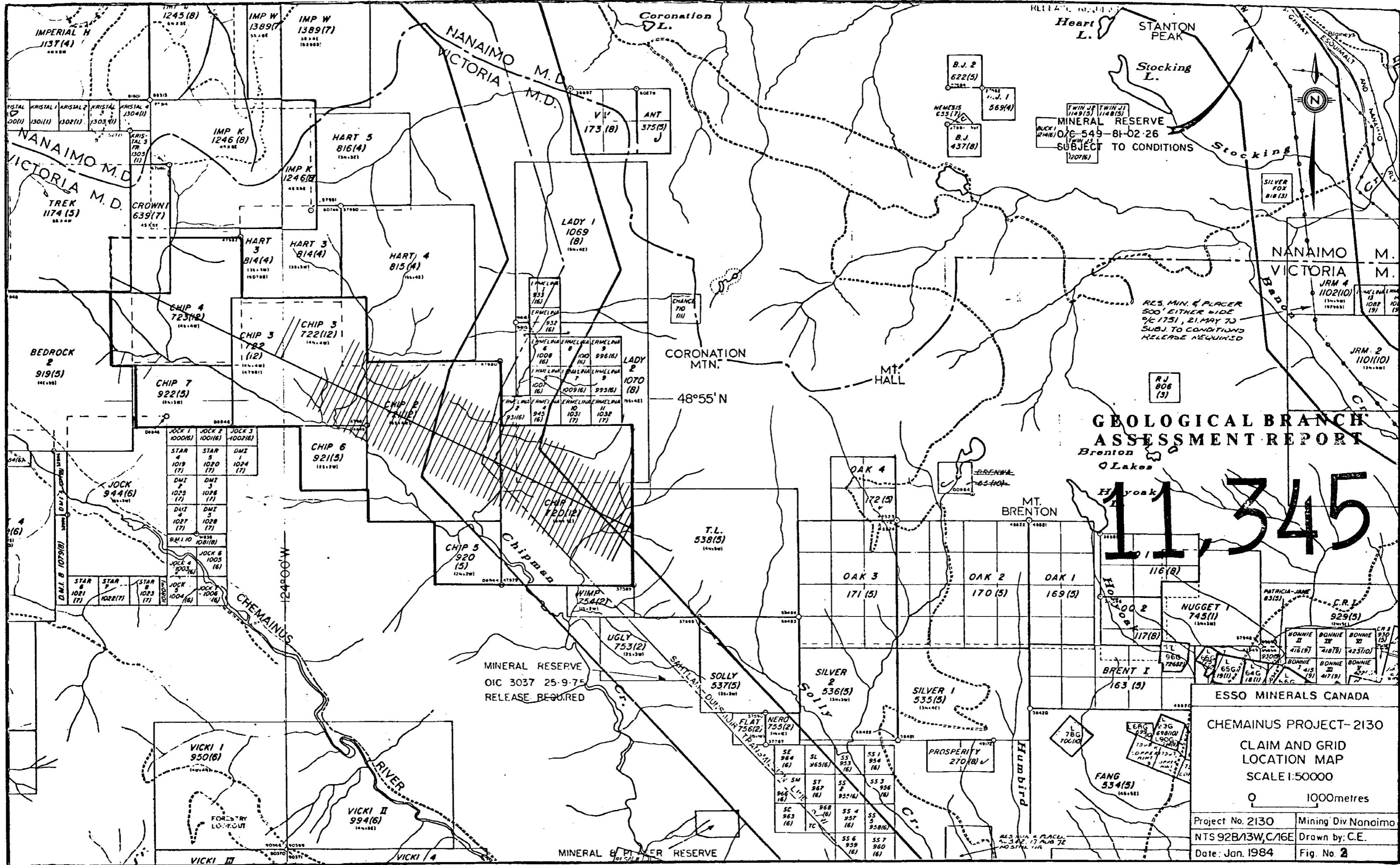
1.1 Location and Access

The "Chip 83 Group" is located in southeastern Vancouver Island, approximately 22 km northwest of Duncan and 15 km west of Chemainus. Access to the property is gained by 2 wheel drive vehicle from the town of Chemainus, east along the Copper Canyon forestry access road and then north along the MacMillan-Bloedel C-7 logging road.

Much of the prospect is covered with dense secondary cedar growth after early, 1920-1960, logging operations. Collapsed log bridges and overgrown railway grades are common. Four-wheel drive access roads transect the entire property. Elevation differences vary between 450 and 950 metres.

1.2 Property

The Chip 83 Group comprises 7 mineral claims aggregating 86 contiguous units. Claim names, record numbers, month of record, units and anniversary dates are listed below in Table #1. Claim locations are shown on figure #2.



MINERAL RESERVE
 O/G 549-81-02-26
 SUBJECT TO CONDITIONS
 (20716)

RES. MIN. & PLACER
 500' EITHER SIDE
 9% 1751, 21. MAY TO
 SUBJ. TO CONDITIONS
 RELEASE REQUIRED

MINERAL RESERVE
 OIC 3037 25-9-75
 RELEASE REQUIRED

MINERAL & PLACER RESERVE

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**
 Brenton
 O Lakes

11,345

ESSO MINERALS CANADA

CHEMAINUS PROJECT-2130
 CLAIM AND GRID
 LOCATION MAP
 SCALE 1:50000

0 1000metres

Project No. 2130 Mining Div Nanaimo
 NTS 92B/13W, C/16E Drawn by: C.E.
 Date: Jan. 1984 Fig. No. 2

Table #1






| <u>LAND RECORD</u> | | | | |
|--------------------|-------------------|------------------------|--------------|--------------------|
| <u>Claim</u> | <u>Record No.</u> | <u>Month of Record</u> | <u>Units</u> | <u>Anniv. Date</u> |
| Chip 1 | 720 | 12 | 20 | Dec 7, 1983 |
| Chip 2 | 721 | 12 | 20 | Dec 7, 1983 |
| Chip 3 | 722 | 12 | 16 | Dec 7, 1983 |
| Chip 4 | 723 | 12 | 16 | Dec 7, 1983 |
| Chip 5 | 920 | 5 | 4 | May 24, 1984 |
| Chip 6 | 921 | 5 | 4 | May 24, 1984 |
| Chip 7 | 922 | 5 | 6 | May 24, 1984 |
| | | | <u>86</u> | |

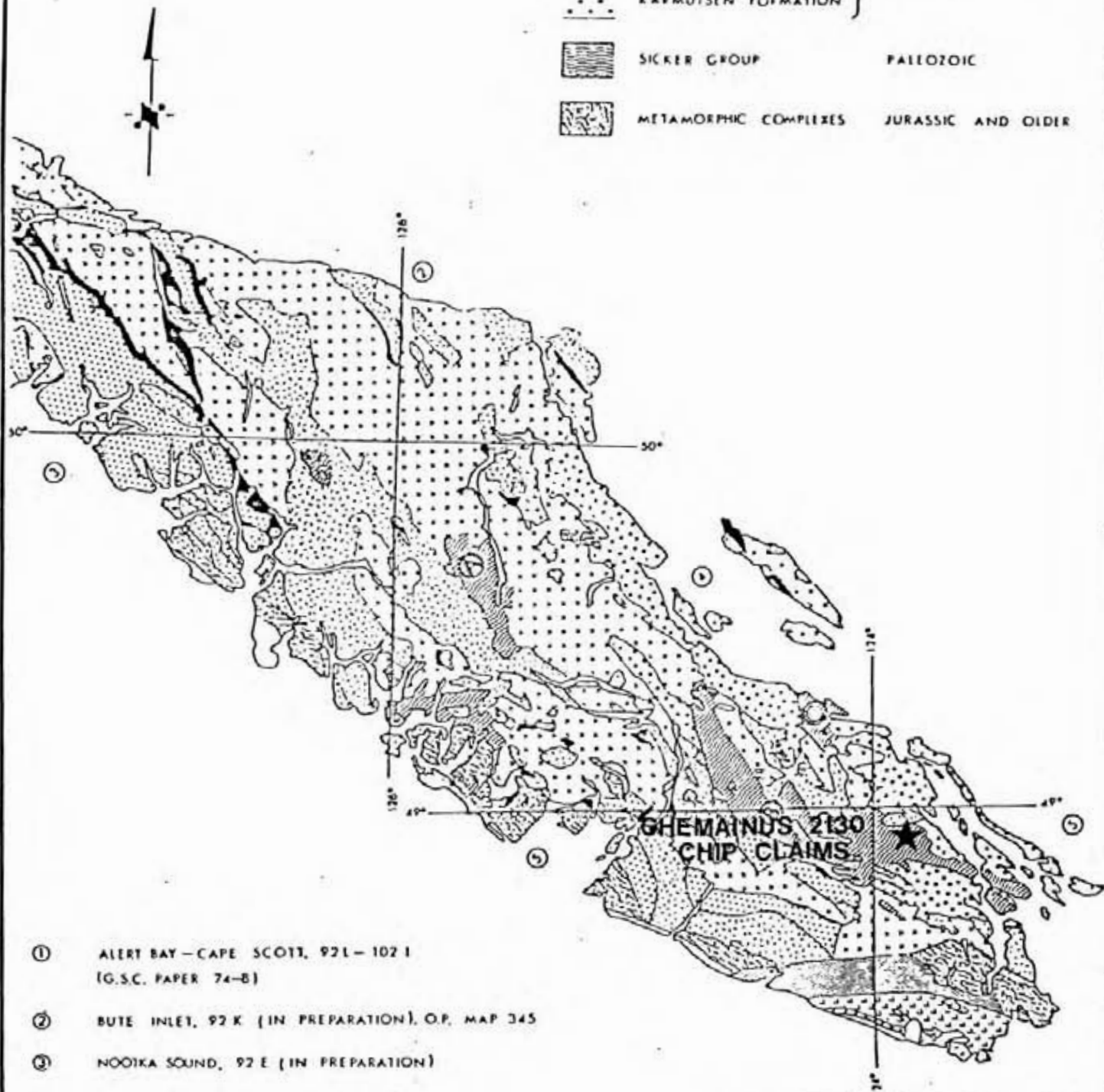
1.3 History of Property

The Chip claims have seen sporadic periods of exploration activity since the early 1900's. The oldest recorded work was in 1915 with the sinking of a 50' shaft on a chalcopyrite bearing quartz vein (Anita showing). Interest in the Sicker Group schists intensified in 1944 with the development of the Twin-J massive sulphide deposit, 15 km to the southeast. The entire volcanic belt has since undergone several periods of staking and prospecting. An induced polarization survey by Cominco Ltd. in the Chip 4 claim (1966) and a soil survey by UMEX in the Chip 1 claim (1978) are the latest recorded work on the property.

1.4 Regional Geology

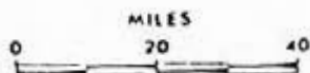
Figure #3 is a regional geology map of Vancouver Island (after Muller, 1980) illustrating the three inliers of Sicker

- | | | |
|---|-----------------------|--------------------------------|
| | VANCOUVER GROUP | } LATE AND (P) MIDDLE TRIASSIC |
|  | PARSON BAY FORMATION | |
|  | QUATSINO FORMATION | |
|  | KARMUTSEN FORMATION | |
|  | SICKER GROUP | PALEOZOIC |
|  | METAMORPHIC COMPLEXES | JURASSIC AND OLDER |



- ① ALERT BAY—CAPE SCOTT, 92 L—102 I (G.S.C. PAPER 74-B)
- ② BUTE INLET, 92 K (IN PREPARATION), O.P. MAP 345
- ③ NOOTKA SOUND, 92 E (IN PREPARATION)
- ④ ALBERNI 92 F (G.S.C. PAPER 68-50)
- ⑤ VICTORIA, 92 B, C (FIELD WORK IN PROGRESS: SEE G.S.C. PAPERS 75-1A, p. 21-26; 76-1A, p. 107-111, 77-1A, p. 287-294.)

- A — BUTTE LAKE UPLIFT
- B — COWICHAN—HORNE LAKE UPLIFT
- C — NANOOSE UPLIFT

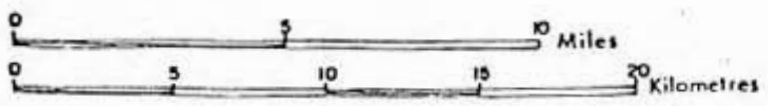


| | |
|--|---------------------|
| ESSO MINERALS CANADA | |
| GEOLOGY MAP OF VANCOUVER ISLAND (AFTER MULLER 1980) | |
| Project No. 2130 | Mining Div. Nanaimo |
| NTS. 92B | Drawn By: C.E. |
| Date: Jan. 1984 | Map No. 3 |



LEGEND

- | | | |
|-------------|-----------------------|-----------------------|
| Tg | CATFACE INTRUSIONS | |
| KN | NANAIMO GROUP | |
| Jg | ISLAND INTRUSIONS | |
| Jb | BONANZA GROUP | |
| Tv | VANCOUVER GROUP | |
| PMSd | BUTTE LAKE FORMATION | } SICKER GROUP |
| PMSd | SEDIMENT-DIABASE UNIT | |
| +Pg+ | SALTSRING INTRUSION | |
| Pm | MYRA FORMATION | } SICKER GROUP |
| VpN | HITINAT FORMATION. | |



| | |
|--|---------------------|
| ESSO MINERALS CANADA | |
| GEOLOGY OF COWICHAN-HORNE LAKE UPLIFT SOUTH-EAST HALF (AFTER MULLER 1980) | |
| Project No. 2130 | Mining Div. Nanaimo |
| NTS: 92B | Drawn By: C.E. |
| Date: Jan. 1984 | Map No. 4 |

Group volcanics and sediments and the location of the Chip 83 Group. The detailed geology of the project area is shown on figure #4.

The Sicker Group encompasses the entire sequence of Paleozoic volcanic and sedimentary rocks on Vancouver Island. It is exposed in three structural culminations: 1. Buttle Lake Uplift, 2. Cowichan-Horne Lake Uplift and 3. Nanoose Uplift. The Cowichan-Horne Lake Uplift, extending from Port Alberni to Saltspring Island, hosts the Twin J deposit and the Chip 83 Group claims.

All units of the Sicker Group are displayed in the Cowichan-Horne Lake inlier.

Buttle Lake Formation: Mid Pennsylvanian to Early Permian limestone with minor interbedded chert.
Sediment/Sill Unit: thinly bedded to massive argillite, siltstone and chert intruded by plagiophyric diabase sills.
Myra Formation: basic-felsic banded tuff, breccia and flows; minor argillite, siltstone and chert.
Nitinat Formation: pillowed or agglomeritic metabasaltic lavas, basic tuffs.

The Chip 83 Group claims occur in a northwest-southeast trending belt of Myra formation schists extending from Chipman Creek via Mount Sicker and Maple Mountain to central Saltspring Island. The rocks are strongly deformed, largely isoclinally folded and segmented by Tertiary strike slip and "tear" faults. Notable rock types include quartz +/- feldspar +/- pyrite sericite schists, chlorite-sericite schists +/- quartz eyes and chlorite schists. In the northwestern portion of the Chip 83 Group the Sediment-Sill unit wraps around the Myra

Formation meta-volcanics suggesting a regional anticlinal structure. Regional lineations and minor fold hinges plunge approximately 15° to the northwest.

1.5 Details of 1983 Program

Fieldwork completed in 1983 comprised linecutting, soil geochemical, HLEM and proton magnetometer surveying. Details of the exploration program are outlined below in Table #2.

(Table #2)

1983 Work Summary

| | Linecutting (km) | Soil Geochemistry | HLEM (km) | Proton Mag (km) |
|-------------|----------------------------------|----------------------------|--------------|--------------------|
| East 2 Grid | 2.1 km picket 26.9 km flagged | 379 (I.C.P.) 114 (A.A.) | 10.4 km | 14.5 km |
| East 1 Grid | 2.1 km picket 27.3 km flagged | 249 (I.C.P.) | 15.1 km | 12.9 km |
| West 1 Grid | 2.0 km picket 16.7 km flagged | 140 (I.C.P.) | 0 | 1.3 km |
| West 2 Grid | 2.8 km picket | -- | -- | -- |
| TOTAL | 9.0 km picket 70.9 km flagged | 768 (I.C.P.) 114 (A.A.) | 25.5 km | 28.7 km |

All field data is plotted at a 1:2500 metric scale. Soils were taken at 200 metre line spacings and 25-50 metre sample intervals, depending on expected underlying rock types. The initial analytical technique for soils was Inductively Coupled Plasma or (I.C.P.) analysis. This method was changed to Atomic Absorption (A.A.) analysis after initial I.C.P. results in lead, zinc and silver were substantially below expected background values.

The HLEM survey was carried out with a Scintrex SE88 Genie EM system, using a coil spacing of 100 metres and transmitting frequency ratios of 3037.5 HZ/112.5 HZ, 1012.5 HZ/112.5 HZ and 337.5 HZ/112.5 HZ. The magnetometer survey was carried out with a Geometrics G816 proton precession magnetometer.

2.0 Technical Data And Interpretation of Results

2.1 Introduction

Soil geochemical results (I.C.P. and A.A.) are plotted on maps 1-6. Geochemical methods are described in Appendix A. Un-plotted I.C.P. results are in Appendix C.

HLEM and magnetics results are plotted on maps 7-10. Geophysical surveys, theory and procedure, are summarized in Appendix B.

2.2 Soil Geochemistry

Three soil geochemical anomalies of weak to moderate amplitude were discovered in the initial I.C.P. survey. Two of the anomalies were soil profiled and checked by Atomic Absorption (A.A.) analysis. Estimated background and threshold ranges are as follows:

| <u>Element</u> | <u>B HORIZON</u> | | | |
|----------------|--------------------------------------|-------------------------------------|------------------------------------|-----------------------------------|
| | <u>Background</u> <u>(I.C.P.)</u> | <u>Threshold</u> <u>(I.C.P.)</u> | <u>Background</u> <u>(A.A.)</u> | <u>Threshold</u> <u>(A.A.)</u> |
| Cu | 15-40 ppm | ≥90 ppm | 15-40 ppm | ≥90 ppm |
| Pb | 0 ppm | ≥50 ppm | 10-20 ppm | ≥100 ppm |
| Zn | 20-50 ppm | ≥100 ppm | 50-75 ppm | ≥200 ppm |
| Ag | 0 ppm | ≥0.5 ppm | 0.4-0.8 ppm | ≥1.6 ppm |

The use of two analytical techniques was adopted as original I.C.P. results were considered lower than expected from A.A. analysis. The background and threshold values listed above are visual estimates as the accuracy of the I.C.P. technique is questionable.

C HORIZON

| <u>Element</u> | <u>Background</u> <u>(I.C.P.)</u> | <u>Threshold</u> <u>(I.C.P.)</u> | <u>Background</u> <u>(A.A.)</u> | <u>Threshold</u> <u>(A.A.)</u> |
|----------------|--------------------------------------|-------------------------------------|------------------------------------|-----------------------------------|
| Cu | -- | -- | 20-45 ppm | 100 ppm |
| Pb | -- | -- | 10-20 ppm | 100 ppm |
| Zn | -- | -- | 50-100 ppm | 200 ppm |
| Ag | -- | -- | .5-1.0 ppm | 1.8 ppm |

(No C-Horizon I.C.P. samples taken)

Values listed for A.A. analysis are taken from a limited sample set, covering B-horizon I.C.P. anomalies. No C-horizon samples were analyzed by I.C.P. Selected samples, testing sericite pyrite schist horizons, were analysed for gold. The analytical technique used for gold is fire assay.

Anomaly A (A.A. Analysis)

Anomaly A extends from line 42+00E-46+00E and 2+00S-4+00S. Anomalous values are listed below.

| | | |
|-----------|----------------|-----------------|
| B Horizon | Cu 108-132 ppm | Zn 227-1660 ppm |
| C Horizon | Cu 105-190 ppm | Zn 240-1560 ppm |

Lead, silver and gold results are low. The area has extensive overburden cover, in excess of 5 metres. HLEM conductor #1, L46+00E:2+75S, marks the centre of the anomaly. The area appears to lie along the contact of a plagiophyric diabase sill and a quartz sericite schist horizon.

Anomaly B (A.A. Analysis)

Anomaly B appears to be sourced in a papery quartz-pyrite-sericite schist horizon between lines 28+00E-36+00E. A 25-100 width and 700 metre strike is estimated for the zone.

Anomalous values are as follows:

| | | |
|-----------|----------------|----------------|
| B Horizon | Cu 120-297 ppm | Zn 204-675 ppm |
| C Horizon | Cu 94-299 ppm | Zn 203-692 ppm |

Lead, silver and gold results are low. A northwest trending B.C. Hydro powerline flanks the schist band causing an attenuation of the EM field and interference on the magnetics survey.

Anomaly C (I.C.P. Analysis)

The "Anita" chalcopyrite bearing quartz vein and an associated weak copper geochemical anomaly (C), 91-272 ppm, occur at grid location 27+00E:1+85S. Lead, zinc, silver and

gold values are low. The HLEM response along the veins surface exposure is flat. HLEM conductor #2, Map #7, strikes towards the vein but appears to have an alternate source.

2.3 Geophysics

HLEM surveying was completed on the East 2 and East 1 grids at 200 metre line intervals with a 100 metre coil separation. All conductors are detailed with 100 metre fill-in lines. The magnetometer survey was conducted at 200 metre line intervals. Results are shown on maps 7-10.

2.3.1 HLEM

The HLEM responses are flat on most of the lines with the exception of two weak and one possible conductor. These zones are weak (maximum value -3%) and may indicate good conductors at depth or poor conductors near surface. A wider coil spacing is recommended to test for an improvement of response with depth.

(Conductor #1): - L46+00E: 2+75S
- situated at plagiophyric diabase
quartz-sericite schist contact. Source not
defined.

(Conductor #2): - L25+00E:4+50S to L26+00E:3+70S
- vertically dipping, striking ~0800
- estimated depth ~50 metres
- source not defined

(Conductor #3): - L21+00E-23+00E:4+00S
- steeply dipping to NNE
- estimated depth ~50 metres
- source not defined

2.3.2 Magnetics

A broad zone of magnetic highs occur 250 metres north of baseline 0+00 on the East-2 grid. Much of the area is underlain by sericite schists with no apparent magnetite or pyrrhotite content. Some of the erratic highs may be caused by interference from the powerline and buried metallic debris from earlier logging operations. Magnetic anomalies north of the powerline and in the East-1 Grid are attributed to pockets of magnetite within diabasic sills.

STATEMENT OF QUALIFICATIONS

I am a Bachelor of Science graduate from the University of New Brunswick (May 1977) and have been employed as an exploration geologist within the mining industry for seven years, the last 4 years with Esso Resources Canada Limited.

A handwritten signature in black ink, appearing to read "C. Everett". The signature is stylized with a large, looped initial "C" and a long, sweeping tail.

CAL C. EVERETT

STATEMENT OF QUALIFICATIONS

I attended the University of Waterloo, Waterloo, Ontario between 1975 - 1979 graduating with a B.Sc. (Honours) degree in Earth Sciences. From 1975 to 1979 I was employed during the summer months by Esso Minerals Canada to conduct Magnetic, Electromagnetic, Gravity and Induced Polarization surveys. Since graduating I have been employed by Esso Minerals as a geophysicist.

W. A. Cooper
W. GORDON COOPER

SUMMARY OF COSTS

COST ESTIMATE: CHIP 83 GROUP (May 11-June 15, 1983)

| <u>Type of Work</u> | <u>Man Days</u> | <u>Cost/Man Day</u> | <u>Cost</u> | <u>Total</u> |
|---------------------|--|---------------------|-------------|-------------------|
| Geochemistry | 2 | \$ 157.00 | \$ 314.00 | |
| | 2 | 142.00 | 284.00 | |
| | 5 | 96.00 | 480.00 | |
| | 2 | 73.00 | 146.00 | |
| | 21 | 71.00 | 1491.00 | |
| | 19 | 71.00 | 1349.00 | |
| | 8 | 80.00 | 640.00 | |
| | | | | <u>\$ 4704.00</u> |
| Geophysics | 29 | \$ 142.00 | \$ 4118.00 | |
| | 30 | \$ 73.00 | 2190.00 | |
| | | | | <u>\$ 6308.00</u> |
| Linecutting: | Contracted 9.0 km @ \$300.00 per km | | | \$ 2700.00 |
| Laboratory: | 768 soils (I.C.P. Analysis @ \$6.85 per unit | | \$ 5260.70 | |
| | 114 soils (A.A. Analysis: Cu, Pb, Zn, Ag, Au) | | \$ 1276.80 | |
| | 61 soils (Au Analysis only) @ \$6.50 per unit | | \$ 396.50 | |
| | | | | <u>\$ 6934.00</u> |
| Transportation: | | | | |
| Vehicle Rental: | | | | |
| | 3/4 ton pickup: 1 month @ \$700.00/month | | \$ 700.00 | |
| | G.M.C. Jimmy; 1 month @ \$900.00/month | | \$ 900.00 | |
| | Fuel | | \$ 608.00 | |
| | | | | <u>\$ 2208.00</u> |

Crew Mobilization/Demobilization \$ 261.00

Food and Accommodation

May 11-June 15

118 man days @ \$35.00
per man/per day

\$ 4130.00

Materials and Supplies (Equipment,
Field Supplies etc.)

\$ 2757.00

Report Preparation

Writing - 6 man days
@ \$157.00 per day

\$ 942.00

Drafting - 10 man days
@ 142.00 per day

\$ 1420.00

Map Reproduction

\$ 150.00

\$ 2512.00

TOTAL

\$ 32514.00

C. Everett

COST DISTRIBUTION

| | |
|--------------------|----------------|
| Geochemistry | \$ 4704.00 |
| Geophysics | 6308.00 |
| Linecutting | 2700.00 |
| Analysis | 6394.00 |
| Transportation | 2208.00 |
| Mob/Demob | 261.00 |
| Food/Accommodation | 4130.00 |
| Supplies | 2757.00 |
| Report Preparation | <u>2512.00</u> |
| TOTAL | \$ 32514.00 |
| TOTAL APPLIED | \$ 32200.00 |

LIST OF PERSONNEL

Cal Everett (Project Geologist)
111 - 269 West 4th
North Vancouver, B.C.
V7M 1H8

Kirk Simpson (Technician)
84 - 3441 E 49th Ave.
Vancouver, B.C.

Gordon Cooper (Geophysicist)
2103 - 25 Mabelle Ave.
Islington, Ontario
M9A 4Y1

Murray Jones (Senior Geological Assistant)
380 Belgo Road
Kelowna, B.C.
V1X 2Z6

Steve Lowe (Technician)
103 - 275 West 2nd
North Vancouver, B.C.

Kerry Archibald (Junior Assistant)
69 - 219 Grand St.
Saskatoon, Sask.
S7N 2A5

Jim Robinson (Junior Assistant)
12715 90th Ave.
Surrey, B.C.
V3J 6J3

Contractors (Linecutting)

Bob Yorston
Stoltz Road
R.R. #2
Duncan, B.C.

APPENDIX A

GEOCHEMICAL METHODS

Soil samples were taken at the B and locally C horizon, stored in brown gusset bags, dried and shipped to Min-En Labs in North Vancouver for geochemical analysis. Each sample was oven dried and sieved to obtain the -80 mesh fraction. Initial measurement of trace element concentrations was done by I.C.P. (Inductively Coupled Plasma) analysis. Results for Cu, Pb, Zn and Ag are on maps 1-6. Unplotted As, B, Co, Mn, Mo and Sb results are listed in Appendix C.

After initial I.C.P. results were considered lower than normally expected from Atomic Absorption (A.A.) analysis, selected areas were re-sampled. These soils were subjected to nitric perchloric acid digestion and analyzed for Cu, Pb, Zn and Ag. Geochemical results rose to expected background and threshold levels by the more familiar analytical technique.

Selected samples were analyzed for Au. Au values were obtained by fire assay.

Pulps for all samples are stored at the Esso Minerals Canada office in Vancouver, B.C.

APPENDIX B

GEOPHYSICAL SURVEYS

THEORY AND PROCEDURES

MAGNETICS:

A Geometrics G816 portable proton precession magnetometer was used. This instrument measures the total magnetic field strength, by measuring the frequency at which protons (hydrogen atoms) precess about the axis of the earth's magnetic field. The magnetic field strength, which is directly proportional to the frequency, is digitally displayed.

Readings were taken at 25 meter intervals along the survey lines. To correct time variations of the earth's magnetic field (diurnal), base stations were first established within the survey area. Readings were taken at these base stations at the beginning and end of each traverse. The difference in the readings at these stations were linearly removed from the other readings along the traverse.

HLEM:

The Scintrex SE88 Genie EM system uses a portable transmitter consisting of two transmitting coils and power supply, and a receiver with signal detection electronics. The transmitter and receiver coils are normally maintained in the vertical axis co-planar mode, commonly referred to as the horizontal loop mode.

The transmitter simultaneously generates two alternating magnetic fields - one referred to as the "signal frequency" and the other as the "reference frequency". The resultant electromagnetic fields set up in the ground are detected by the receiver coil located at a fixed distance from the transmitter. The receiver measures the received "signal frequency" amplitude, H_s , and the received "reference frequency" amplitude, H_r . The value of $(H_s/H_r - 1) \times 100$ (referred to as "Ratio") is digitally displayed on the receiver.

The survey plotting point is considered to be at the mid-point of the transmitter-receiver separation (L). Readings were taken at station intervals of $1/2 L$ if no conductor was present and $1/4 L$ if a conductor was present.

ATTENTION: S. EVERETT

| REPORT VALUES IN PPM: | AS | AE | F | CO | CU | MN | MO | FE | SE | ZN |
|-----------------------|-----|----|----|----|-----|------|----|----|----|-----|
| 3E001 | 0 | 0 | 17 | 17 | 38 | 657 | 4 | 14 | 0 | 52 |
| 3E002 | 0 | 0 | 7 | 23 | 7 | 658 | 1 | 0 | 0 | 32 |
| 3E003 | 0 | 0 | 16 | 22 | 24 | 580 | 2 | 0 | 0 | 50 |
| 3E004 | 0 | 0 | 10 | 8 | 7 | 141 | 2 | 10 | 1 | 21 |
| 3E005 | 0 | 0 | 6 | 6 | 4 | 448 | 3 | 15 | 3 | 33 |
| 3E006 | 0 | 0 | 22 | 26 | 37 | 362 | 4 | 2 | 0 | 61 |
| 3E007 | 0 | 0 | 6 | 10 | 3 | 233 | 0 | 0 | 0 | 30 |
| 3E008 | 0 | 0 | 16 | 13 | 9 | 2350 | 2 | 6 | 0 | 121 |
| 3E009 | 0 | 0 | 15 | 16 | 16 | 444 | 4 | 10 | 0 | 120 |
| 3E010 | 0 | 0 | 17 | 23 | 38 | 430 | 5 | 9 | 0 | 32 |
| 3E011 | 0 | 0 | 13 | 16 | 16 | 298 | 2 | 9 | 0 | 43 |
| 3E012 | 1.2 | 0 | 31 | 58 | 113 | 7710 | 11 | 29 | 1 | 440 |
| 3E013 | 0 | 0 | 12 | 19 | 24 | 694 | 2 | 12 | 0 | 67 |
| 3E014 | 0 | 0 | 13 | 12 | 23 | 261 | 3 | 10 | 0 | 32 |
| 3E015 | 0 | 0 | 24 | 26 | 73 | 357 | 3 | 0 | 0 | 59 |
| 3E016 | 0 | 0 | 22 | 25 | 63 | 462 | 4 | 11 | 0 | 53 |
| 3E017 | 0 | 0 | 23 | 24 | 46 | 382 | 4 | 7 | 0 | 61 |
| 3E018 | 0 | 0 | 16 | 16 | 16 | 193 | 1 | 0 | 0 | 35 |
| 3E019 | 0 | 0 | 17 | 15 | 26 | 175 | 1 | 0 | 0 | 40 |
| 3E020 | 0 | 0 | 20 | 26 | 87 | 695 | 2 | 4 | 0 | 54 |
| 3E021 | 0 | 0 | 32 | 30 | 84 | 505 | 3 | 0 | 0 | 52 |
| 3E022 | 0 | 0 | 19 | 23 | 74 | 427 | 2 | 7 | 0 | 43 |
| 3E023 | 0 | 0 | 25 | 26 | 73 | 386 | 3 | 3 | 0 | 47 |
| 3E024 | 0 | 0 | 16 | 23 | 23 | 507 | 2 | 0 | 0 | 58 |
| 3E025 | 0 | 0 | 20 | 23 | 39 | 663 | 3 | 16 | 0 | 73 |
| 3E026 | 0 | 0 | 26 | 26 | 41 | 1000 | 3 | 10 | 0 | 105 |
| 3E027 | 0 | 0 | 26 | 25 | 49 | 391 | 4 | 2 | 0 | 64 |
| 3E028 | .3 | 0 | 21 | 32 | 44 | 1900 | 4 | 16 | 0 | 88 |
| 3E029 | 0 | 0 | 20 | 29 | 23 | 534 | 5 | 8 | 0 | 174 |
| 3E030 | 0 | 0 | 32 | 75 | 109 | 1350 | 7 | 16 | 0 | 375 |
| 3E031 | 0 | 23 | 25 | 29 | 32 | 492 | 8 | 30 | 3 | 574 |
| 3E032 | .7 | 0 | 32 | 56 | 108 | 2830 | 0 | 0 | 0 | 138 |
| 3E033 | 0 | 0 | 28 | 22 | 54 | 294 | 3 | 1 | 0 | 65 |
| 3E034 | 0 | 0 | 14 | 16 | 26 | 285 | 2 | 2 | 0 | 38 |
| 3E035 | 0 | 0 | 16 | 18 | 32 | 391 | 2 | 14 | 0 | 52 |
| 3E036 | 0 | 0 | 17 | 16 | 25 | 211 | 1 | 0 | 0 | 36 |
| 3E037 | 0 | 0 | 27 | 20 | 69 | 270 | 3 | 0 | 0 | 66 |
| 3E038 | 0 | 0 | 25 | 20 | 50 | 287 | 2 | 0 | 0 | 44 |
| 3E039 | 0 | 0 | 29 | 25 | 93 | 354 | 0 | 0 | 0 | 24 |
| 3E040 | 0 | 0 | 18 | 17 | 34 | 261 | 1 | 0 | 0 | 43 |
| 3E041 | 0 | 0 | 25 | 14 | 30 | 244 | 3 | 0 | 0 | 58 |
| 3E042 | 0 | 0 | 27 | 24 | 77 | 458 | 3 | 0 | 0 | 46 |
| 3E043 | 0 | 0 | 23 | 22 | 39 | 432 | 2 | 0 | 0 | 52 |
| 3E044 | 0 | 0 | 2 | 1 | 0 | 54 | 1 | 3 | 0 | 4 |
| 3E045 | 0 | 6 | 14 | 12 | 27 | 171 | 5 | 16 | 3 | 41 |
| 3E046 | 0 | 0 | 14 | 16 | 28 | 273 | 1 | 0 | 0 | 50 |
| 3E047 | 0 | 0 | 21 | 22 | 47 | 322 | 3 | 0 | 0 | 34 |
| 3E048 | 0 | 0 | 10 | 16 | 13 | 532 | 2 | 11 | 0 | 50 |
| 3E049 | 0 | 0 | 19 | 20 | 44 | 475 | 2 | 7 | 0 | 61 |
| 3E050 | 0 | 0 | 22 | 21 | 27 | 286 | 5 | 9 | 0 | 64 |
| 3E051 | 0 | 0 | 26 | 29 | 50 | 644 | 5 | 16 | 0 | 160 |
| 3E052 | 0 | 0 | 27 | 32 | 40 | 1170 | 4 | 10 | 0 | 409 |
| 3E053 | 0 | 0 | 20 | 21 | 55 | 367 | 4 | 7 | 0 | 134 |
| 3E054 | 0 | 0 | 13 | 16 | 30 | 419 | 3 | 5 | 0 | 45 |
| 3E055 | 0 | 0 | 23 | 21 | 48 | 339 | 4 | 13 | 0 | 61 |
| 3E056 | 0 | 12 | 19 | 14 | 24 | 364 | 4 | 31 | 4 | 61 |
| 3E057 | 0 | 0 | 27 | 20 | 68 | 295 | 2 | 1 | 0 | 38 |
| 3E058 | 0 | 0 | 22 | 18 | 31 | 411 | 3 | 15 | 0 | 82 |
| 3E059 | 0 | 0 | 27 | 25 | 103 | 499 | 4 | 9 | 0 | 82 |
| 3E060 | 0 | 0 | 25 | 28 | 58 | 477 | 5 | 23 | 0 | 84 |

| (RECEIPT VALUE IN \$M) | AE | AS | B | CO | CU | MM | MC | PF | SP | ZN |
|------------------------|-----|----|----|----|-----|------|----|----|----|-----|
| 3E061 | 0 | 0 | 14 | 16 | 17 | 421 | 3 | 7 | 0 | 49 |
| 3E062 | 0 | 0 | 19 | 19 | 37 | 439 | 2 | 0 | 0 | 41 |
| 3E063 | 0 | 0 | 21 | 22 | 24 | 1280 | 1 | 0 | 0 | 50 |
| 3E064 | 0 | 0 | 14 | 16 | 14 | 341 | 1 | 0 | 0 | 47 |
| 3E065 | 0 | 0 | 20 | 21 | 25 | 638 | 2 | 0 | 0 | 60 |
| 3E066 | 0 | 0 | 15 | 19 | 25 | 331 | 0 | 0 | 0 | 43 |
| 3E067 | 0 | 0 | 18 | 22 | 49 | 539 | 3 | 6 | 0 | 54 |
| 3E068 | .1 | 0 | 14 | 17 | 41 | 339 | 1 | 0 | 0 | 48 |
| 3E069 | 0 | 0 | 18 | 22 | 47 | 545 | 3 | 5 | 0 | 70 |
| 3E070 | 0 | 0 | 16 | 20 | 42 | 490 | 2 | 8 | 0 | 70 |
| 3E071 | 0 | 0 | 14 | 15 | 29 | 294 | 2 | 0 | 0 | 32 |
| 3E072 | 0 | 0 | 25 | 25 | 54 | 539 | 3 | 6 | 0 | 83 |
| 3E073 | 0 | 0 | 10 | 11 | 12 | 375 | 1 | 7 | 0 | 123 |
| 3E074 | 0 | 0 | 14 | 19 | 36 | 557 | 1 | 0 | 0 | 127 |
| 3E075 | .1 | .1 | 12 | 13 | 7 | 268 | 3 | 17 | 1 | 44 |
| 3E076 | 0 | 0 | 9 | 19 | 18 | 559 | 3 | 15 | 2 | 34 |
| 3E077 | 0 | 0 | 7 | 7 | 17 | 288 | 3 | 24 | 2 | 30 |
| 3E078 | 0 | 0 | 20 | 18 | 31 | 466 | 4 | 24 | 3 | 121 |
| 3E079 | 0 | 12 | 12 | 14 | 9 | 306 | 3 | 29 | 3 | 51 |
| 3E080 | 0 | 3 | 14 | 14 | 15 | 479 | 4 | 15 | 2 | 72 |
| 3E081 | 0 | 6 | 15 | 13 | 30 | 249 | 3 | 21 | 2 | 78 |
| 3E082 | 0 | 0 | 18 | 24 | 61 | 455 | 3 | 10 | 0 | 69 |
| 3E083 | .5 | 0 | 15 | 22 | 35 | 1480 | 1 | 0 | 0 | 51 |
| 3E084 | 0 | 0 | 16 | 17 | 38 | 397 | 4 | 3 | 0 | 33 |
| 3E085 | 0 | 0 | 22 | 41 | 36 | 1580 | 6 | 15 | 0 | 60 |
| 3E086 | 0 | 0 | 14 | 14 | 12 | 290 | 3 | 9 | 0 | 39 |
| 3E087 | 0 | 0 | 22 | 24 | 62 | 400 | 2 | 0 | 0 | 33 |
| 3E088 | 0 | 0 | 18 | 21 | 51 | 685 | 3 | 1 | 0 | 89 |
| 3E089 | 0 | 10 | 21 | 17 | 55 | 229 | 9 | 14 | 1 | 53 |
| 3E090 | 0 | 0 | 23 | 25 | 66 | 469 | 0 | 0 | 0 | 49 |
| 3E091 | 0 | 0 | 20 | 19 | 61 | 372 | 2 | 0 | 0 | 46 |
| 3E092 | .1 | 0 | 16 | 27 | 74 | 805 | 0 | 0 | 0 | 44 |
| 3E093 | 0 | 0 | 33 | 24 | 58 | 322 | 0 | 0 | 0 | 48 |
| 3E094 | 0 | 0 | 22 | 21 | 60 | 546 | 1 | 0 | 0 | 49 |
| 3E095 | 0 | 0 | 18 | 30 | 71 | 476 | 4 | 3 | 0 | 96 |
| 3E096 | 0 | 0 | 14 | 14 | 18 | 269 | 0 | 0 | 0 | 59 |
| 3E097 | 0 | 0 | 14 | 13 | 25 | 554 | 5 | 0 | 0 | 298 |
| 3E098 | 0 | 0 | 20 | 17 | 32 | 620 | 4 | 0 | 0 | 300 |
| 3E099 | 0 | 0 | 6 | 6 | 13 | 625 | 3 | 15 | 1 | 83 |
| 3E100 | 0 | 0 | 13 | 9 | 20 | 310 | 2 | 11 | 0 | 42 |
| 3E101 | .7 | 0 | 16 | 16 | 15 | 3050 | 3 | 10 | 0 | 62 |
| 3E102 | 0 | 0 | 17 | 18 | 28 | 916 | 3 | 7 | 0 | 25 |
| 3E103 | 0 | 0 | 14 | 20 | 20 | 685 | 3 | 0 | 0 | 50 |
| 3E104 | 0 | 0 | 17 | 19 | 66 | 332 | 2 | 0 | 0 | 24 |
| 3E105 | 0 | 0 | 13 | 11 | 15 | 266 | 1 | 0 | 0 | 36 |
| 3E106 | 0 | 0 | 25 | 22 | 65 | 298 | 2 | 0 | 0 | 51 |
| 3E107 | 0 | 0 | 25 | 25 | 40 | 791 | 2 | 0 | 0 | 55 |
| 3E108 | 0 | 0 | 21 | 22 | 52 | 667 | 3 | 0 | 0 | 56 |
| 3E109 | 0 | 0 | 19 | 27 | 61 | 746 | 3 | 0 | 0 | 52 |
| 3E110 | 0 | 0 | 13 | 14 | 18 | 191 | 3 | 0 | 0 | 31 |
| 3E111 | 0 | 6 | 7 | 8 | 6 | 208 | 4 | 11 | 1 | 30 |
| 3E112 | 0 | 0 | 6 | 4 | 4 | 118 | 0 | 0 | 0 | 11 |
| 3E113 | 0 | 0 | 22 | 16 | 26 | 299 | 4 | 0 | 0 | 44 |
| 3E114 | 0 | 0 | 25 | 20 | 33 | 353 | 2 | 0 | 0 | 30 |
| 3E115 | 0 | 0 | 23 | 19 | 134 | 346 | 0 | 0 | 0 | 14 |
| 3E116 | 0 | 0 | 15 | 14 | 22 | 464 | 2 | 0 | 0 | 31 |
| 3E117 | 0 | 0 | 28 | 28 | 75 | 431 | 5 | 3 | 0 | 65 |
| 3E118 | .3 | 0 | 12 | 14 | 10 | 756 | 1 | 0 | 0 | 42 |
| 3E119 | 0 | 0 | 18 | 16 | 25 | 344 | 0 | 0 | 0 | 45 |
| 3E120 | 1.6 | 0 | 16 | 58 | 81 | 7240 | 1 | 0 | 0 | 182 |

| REPORT VALUES IN PAUL | AE | RE | E | CO | CU | NK | MO | PO | EE | TA |
|-----------------------|----|----|----|----|-----|------|----|----|----|-----|
| 3E121 | 0 | 0 | 27 | 29 | 534 | 419 | 4 | 0 | 0 | 22 |
| 3E122 | 0 | 0 | 17 | 14 | 58 | 520 | 5 | 64 | 0 | 322 |
| 3E123 | 0 | 0 | 16 | 14 | 54 | 361 | 6 | 8 | 0 | 85 |
| 3E124 | 0 | 0 | 15 | 32 | 75 | 1090 | 5 | 20 | 0 | 88 |
| 3E125 | 0 | 0 | 24 | 34 | 110 | 553 | 0 | 0 | 0 | 47 |
| 3E126 | .1 | 0 | 13 | 19 | 30 | 2070 | 3 | 8 | 0 | 31 |
| 3E127 | 0 | 0 | 22 | 22 | 57 | 315 | 1 | 0 | 0 | 17 |
| 3E128 | 0 | 0 | 21 | 24 | 42 | 512 | 1 | 0 | 0 | 47 |
| 3E129 | 0 | 0 | 17 | 21 | 41 | 1950 | 2 | 0 | 0 | 46 |
| 3E130 | 0 | 0 | 19 | 24 | 36 | 431 | 2 | 0 | 0 | 31 |
| 3E131 | 0 | 0 | 18 | 21 | 29 | 445 | 4 | 0 | 0 | 72 |
| 3E132 | 0 | 0 | 20 | 24 | 99 | 1090 | 3 | 0 | 0 | 29 |
| 3E133 | 0 | 0 | 18 | 21 | 65 | 355 | 3 | 0 | 0 | 12 |
| 3E134 | 0 | 0 | 19 | 25 | 60 | 629 | 1 | 0 | 0 | 54 |
| 3E135 | 0 | 0 | 9 | 17 | 13 | 510 | 0 | 0 | 0 | 43 |
| 3E136 | 0 | 0 | 18 | 38 | 51 | 569 | 2 | 0 | 0 | 78 |
| 3E137 | 0 | 0 | 24 | 20 | 51 | 482 | 2 | 0 | 0 | 38 |
| 3E138 | 0 | 0 | 27 | 19 | 61 | 303 | 3 | 0 | 0 | 43 |
| 3E139 | 0 | 0 | 19 | 18 | 47 | 394 | 4 | 0 | 0 | 63 |
| 3E140 | .1 | 0 | 21 | 15 | 31 | 163 | 1 | 0 | 0 | 66 |
| 3E141 | 0 | 0 | 21 | 19 | 31 | 711 | 5 | 7 | 0 | 49 |
| 3E142 | 0 | 0 | 19 | 23 | 120 | 407 | 0 | 0 | 0 | 28 |
| 3E143 | .2 | 0 | 16 | 45 | 297 | 1890 | 2 | 0 | 0 | 47 |
| 3E144 | 0 | 0 | 7 | 8 | 10 | 167 | 2 | 0 | 0 | 39 |
| 3E145 | 0 | 0 | 13 | 13 | 11 | 342 | 2 | 0 | 0 | 93 |
| 3E146 | 0 | 0 | 19 | 17 | 28 | 776 | 4 | 0 | 0 | 54 |
| 3E147 | 0 | 0 | 13 | 14 | 37 | 823 | 3 | 17 | 0 | 110 |
| 3E148 | 0 | 0 | 13 | 18 | 16 | 354 | 3 | 0 | 0 | 38 |
| 3E149 | 0 | 0 | 21 | 22 | 37 | 409 | 2 | 0 | 0 | 43 |
| 3E150 | 0 | 0 | 20 | 24 | 54 | 336 | 3 | 0 | 0 | 69 |
| 3E151 | 0 | 0 | 14 | 10 | 6 | 298 | 3 | 7 | 0 | 53 |
| 3E152 | 0 | 0 | 27 | 26 | 85 | 352 | 5 | 0 | 0 | 45 |
| 3E153 | 0 | 0 | 21 | 24 | 41 | 519 | 4 | 0 | 0 | 84 |
| 3E154 | 0 | 0 | 15 | 12 | 18 | 315 | 3 | 0 | 0 | 60 |
| 3E155 | .1 | 0 | 16 | 27 | 32 | 1350 | 4 | 0 | 0 | 33 |
| 3E156 | 0 | 0 | 23 | 16 | 30 | 289 | 1 | 0 | 0 | 23 |
| 3E157 | .4 | 0 | 7 | 8 | 12 | 168 | 1 | 0 | 0 | 12 |
| 3E158 | 0 | 0 | 15 | 17 | 23 | 312 | 1 | 0 | 0 | 56 |
| 3E159 | 0 | 0 | 19 | 27 | 48 | 428 | 0 | 0 | 0 | 43 |
| 3E160 | 0 | 0 | 33 | 25 | 163 | 415 | 3 | 0 | 0 | 15 |
| 3E161 | .4 | 0 | 9 | 20 | 29 | 1510 | 0 | 0 | 0 | 51 |
| 3E162 | 0 | 0 | 15 | 14 | 29 | 220 | 3 | 0 | 0 | 44 |
| 3E163 | .2 | 0 | 22 | 65 | 301 | 4240 | 5 | 0 | 0 | 141 |
| 3E164 | 0 | 0 | 20 | 21 | 71 | 535 | 2 | 0 | 0 | 31 |
| 3E165 | .1 | 0 | 11 | 16 | 29 | 777 | 3 | 10 | 0 | 67 |
| 3E166 | 0 | 0 | 10 | 15 | 50 | 274 | 3 | 9 | 0 | 80 |
| 3E167 | 0 | 0 | 15 | 19 | 27 | 319 | 2 | 0 | 0 | 18 |
| 3E168 | 0 | 0 | 12 | 11 | 12 | 179 | 2 | 0 | 0 | 39 |
| 3E169 | 0 | 0 | 24 | 14 | 24 | 242 | 3 | 0 | 0 | 12 |
| 3E170 | 0 | 0 | 16 | 26 | 13 | 439 | 0 | 0 | 0 | 14 |
| 3E171 | 0 | 0 | 15 | 14 | 19 | 327 | 3 | 0 | 0 | 37 |
| 3E172 | 0 | 0 | 15 | 18 | 18 | 408 | 4 | 2 | 0 | 73 |
| 3E173 | 0 | 0 | 28 | 20 | 31 | 472 | 3 | 0 | 0 | 156 |
| 3E174 | 0 | 0 | 24 | 20 | 28 | 421 | 2 | 0 | 0 | 64 |
| 3E175 | 0 | 0 | 32 | 59 | 70 | 1060 | 1 | 0 | 0 | 70 |
| 3E176 | 0 | 0 | 23 | 23 | 43 | 335 | 1 | 0 | 0 | 52 |
| 3E177 | 0 | 0 | 24 | 16 | 19 | 269 | 2 | 0 | 0 | 45 |
| 3E178 | 0 | 0 | 14 | 14 | 15 | 253 | 3 | 1 | 0 | 16 |
| 3E179 | 0 | 0 | 14 | 16 | 36 | 412 | 1 | 0 | 0 | 25 |
| 3E180 | .2 | 0 | 10 | 29 | 53 | 3070 | 0 | 0 | 0 | 48 |

| REPORT VALUES IN PPM | AS | AG | S | SI | CU | ZN | MO | FE | SS | TA |
|----------------------|----|----|----|----|-----|------|----|----|----|-----|
| 3E181 | 0 | 0 | 9 | 14 | 17 | 350 | 0 | 0 | 0 | 49 |
| 3E182 | 0 | 0 | 20 | 16 | 46 | 458 | 5 | 13 | 0 | 136 |
| 3E183 | 0 | 0 | 17 | 22 | 67 | 579 | 3 | 0 | 0 | 314 |
| 3E184 | 0 | 0 | 14 | 15 | 18 | 419 | 4 | 12 | 0 | 52 |
| 3E185 | 0 | 0 | 20 | 20 | 30 | 308 | 4 | 6 | 0 | 50 |
| 3E186 | 0 | 0 | 8 | 7 | 5 | 171 | 0 | 0 | 0 | 10 |
| 3E187 | 0 | 0 | 19 | 16 | 30 | 1190 | 3 | 14 | 0 | 62 |
| 3E188 | 0 | 8 | 6 | 7 | 5 | 226 | 3 | 9 | 0 | 24 |
| 3E189 | 0 | 0 | 16 | 13 | 32 | 266 | 5 | 13 | 1 | 29 |
| 3E190 | 0 | 0 | 13 | 15 | 17 | 281 | 4 | 9 | 0 | 34 |
| 3E191 | 0 | 1 | 14 | 15 | 29 | 340 | 5 | 14 | 1 | 54 |
| 3E192 | 0 | 0 | 14 | 12 | 13 | 466 | 3 | 10 | 0 | 24 |
| 3E193 | 0 | 0 | 14 | 16 | 29 | 197 | 4 | 9 | 0 | 25 |
| 3E194 | 0 | 0 | 15 | 22 | 29 | 377 | 3 | 0 | 0 | 48 |
| 3E195 | 3 | 0 | 22 | 43 | 67 | 730 | 4 | 21 | 0 | 77 |
| 3E196 | 1 | 0 | 11 | 17 | 32 | 195 | 2 | 6 | 0 | 107 |
| 3E197 | 0 | 8 | 18 | 15 | 65 | 211 | 4 | 5 | 0 | 49 |
| 3E198 | 0 | 0 | 20 | 32 | 51 | 581 | 3 | 0 | 0 | 68 |
| 3E199 | 3 | 0 | 11 | 17 | 13 | 215 | 3 | 0 | 0 | 27 |
| 3E200 | 0 | 8 | 11 | 12 | 25 | 207 | 3 | 17 | 0 | 27 |
| 3E201 | 0 | 0 | 20 | 15 | 25 | 335 | 4 | 7 | 0 | 54 |
| 3E202 | 0 | 0 | 26 | 23 | 41 | 766 | 3 | 0 | 0 | 66 |
| 3E203 | 0 | 0 | 25 | 28 | 51 | 378 | 4 | 2 | 0 | 31 |
| 3E204 | 0 | 0 | 20 | 23 | 36 | 318 | 3 | 1 | 0 | 32 |
| 3E205 | 0 | 0 | 24 | 23 | 72 | 405 | 4 | 8 | 0 | 29 |
| 3E206 | 0 | 21 | 22 | 18 | 28 | 248 | 7 | 23 | 4 | 58 |
| 3E207 | 0 | 0 | 28 | 26 | 53 | 444 | 5 | 14 | 0 | 82 |
| 3E208 | 0 | 6 | 16 | 17 | 40 | 187 | 4 | 6 | 0 | 64 |
| 3E209 | 0 | 0 | 20 | 32 | 117 | 277 | 7 | 15 | 0 | 188 |
| 3E210 | 0 | 0 | 37 | 26 | 96 | 535 | 6 | 7 | 0 | 53 |
| 3E211 | 0 | 0 | 27 | 27 | 91 | 413 | 1 | 0 | 0 | 58 |
| 3E212 | 0 | 0 | 34 | 24 | 272 | 431 | 6 | 4 | 0 | 136 |
| 3E213 | 0 | 0 | 18 | 17 | 26 | 242 | 0 | 0 | 0 | 88 |
| 3E214 | 0 | 0 | 26 | 20 | 51 | 414 | 2 | 0 | 0 | 162 |
| 3E215 | 0 | 0 | 14 | 6 | 4 | 137 | 0 | 0 | 0 | 0 |
| 3E216 | 0 | 0 | 17 | 40 | 54 | 1040 | 2 | 0 | 0 | 26 |
| 3E217 | 0 | 0 | 13 | 17 | 21 | 349 | 0 | 0 | 0 | 27 |
| 3E218 | 0 | 0 | 20 | 34 | 70 | 653 | 0 | 0 | 0 | 111 |
| 3E219 | 0 | 0 | 22 | 24 | 61 | 360 | 0 | 0 | 0 | 22 |
| 3E220 | 0 | 0 | 15 | 21 | 52 | 599 | 0 | 0 | 0 | 54 |
| 3E221 | 0 | 0 | 34 | 31 | 45 | 466 | 2 | 0 | 0 | 123 |
| 3E222 | 0 | 0 | 22 | 26 | 38 | 614 | 1 | 0 | 0 | 40 |
| 3E223 | 0 | 0 | 19 | 26 | 40 | 373 | 1 | 0 | 0 | 20 |
| 3E224 | 0 | 0 | 24 | 13 | 14 | 646 | 6 | 15 | 0 | 59 |
| 3E225 | 0 | 0 | 19 | 23 | 34 | 313 | 0 | 0 | 0 | 30 |
| 3E226 | 0 | 0 | 32 | 31 | 82 | 406 | 2 | 0 | 0 | 12 |
| 3E227 | 0 | 0 | 24 | 28 | 65 | 347 | 4 | 0 | 0 | 19 |
| 3E228 | 0 | 0 | 17 | 25 | 33 | 452 | 0 | 0 | 0 | 20 |
| 3E229 | 0 | 0 | 21 | 27 | 67 | 466 | 1 | 0 | 0 | 31 |
| 3E230 | 0 | 0 | 16 | 19 | 23 | 403 | 0 | 0 | 0 | 22 |
| 3E231 | 0 | 0 | 24 | 35 | 70 | 639 | 2 | 0 | 0 | 34 |
| 3E232 | 0 | 0 | 22 | 39 | 72 | 761 | 4 | 0 | 0 | 23 |
| 3E233 | 0 | 0 | 18 | 31 | 91 | 640 | 3 | 0 | 0 | 24 |
| 3E234 | 0 | 0 | 15 | 29 | 56 | 657 | 3 | 0 | 0 | 27 |
| 3E235 | 0 | 0 | 18 | 25 | 80 | 523 | 3 | 0 | 0 | 23 |
| 3E236 | 0 | 0 | 19 | 33 | 94 | 779 | 3 | 0 | 0 | 23 |
| 3E237 | 0 | 0 | 19 | 20 | 75 | 355 | 2 | 0 | 0 | 45 |
| 3E238 | 0 | 0 | 16 | 30 | 59 | 652 | 3 | 0 | 0 | 24 |
| 3E239 | 0 | 0 | 22 | 26 | 48 | 456 | 0 | 0 | 0 | 36 |
| 3E240 | 0 | 0 | 17 | 17 | 27 | 774 | 2 | 0 | 0 | 52 |

| REPORT VALUES IN PPM | AS | MS | S | CO | CU | MN | MO | FE | SE | ZN |
|----------------------|----|----|----|----|-----|------|----|----|----|----|
| 3E-241 | 0 | 0 | 17 | 21 | 4E | 420 | 2 | 0 | 0 | 20 |
| 3E-242 | 0 | 0 | 12 | 14 | 34 | 227 | 1 | 0 | 0 | 4 |
| 3E-243 | 0 | 0 | 17 | 24 | 32 | 564 | 1 | 0 | 0 | 25 |
| 3E-244 | 0 | 0 | 24 | 21 | 44 | 302 | 5 | 0 | 0 | 35 |
| 3E-245 | 0 | 0 | 22 | 43 | 76 | 556 | 2 | 0 | 0 | 20 |
| 3E-246 | 0 | 0 | 26 | 38 | 108 | 415 | 5 | 0 | 0 | 14 |
| 3E-247 | 0 | 0 | 21 | 26 | 57 | 480 | 2 | 0 | 0 | 21 |
| 3E-248 | 0 | 0 | 14 | 17 | 24 | 234 | 1 | 0 | 0 | 32 |
| 3E-249 | 0 | 0 | 15 | 26 | 77 | 673 | 2 | 0 | 0 | 23 |
| 3E-250 | 0 | 0 | 16 | 17 | 29 | 574 | 1 | 0 | 0 | 22 |
| 3E-251 | 0 | 0 | 17 | 16 | 25 | 472 | 4 | 0 | 0 | 34 |
| 3E-252 | 0 | 0 | 15 | 16 | 22 | 372 | 1 | 0 | 0 | 21 |
| 3E-253 | 0 | 0 | 21 | 26 | 33 | 338 | 4 | 11 | 0 | 42 |
| 3E-254 | .1 | 0 | 19 | 22 | 53 | 552 | 2 | 0 | 0 | 38 |
| 3E-255 | 0 | 0 | 14 | 16 | 16 | 234 | 2 | 0 | 0 | 37 |
| 3E-256 | 0 | 0 | 21 | 26 | 57 | 345 | 2 | 0 | 0 | 23 |
| 3E-257 | 0 | 0 | 11 | 14 | 22 | 211 | 2 | 5 | 0 | 18 |
| 3E-258 | 0 | 0 | 13 | 21 | 44 | 390 | 3 | 28 | 1 | 39 |
| 3E-259 | 0 | 0 | 22 | 12 | 26 | 177 | 4 | 8 | 0 | 49 |
| 3E-260 | 0 | 0 | 14 | 10 | 9 | 170 | 1 | 0 | 0 | 22 |
| 3E-261 | 0 | 0 | 26 | 23 | 54 | 421 | 3 | 0 | 0 | 36 |
| 3E-262 | 0 | 0 | 21 | 22 | 61 | 459 | 1 | 0 | 0 | 29 |
| 3E-263 | .5 | 0 | 18 | 23 | 80 | 1110 | 1 | 0 | 0 | 24 |
| 3E-264 | 0 | 0 | 19 | 18 | 63 | 241 | 3 | 3 | 0 | 19 |
| 3E-265 | 0 | 0 | 13 | 26 | 23 | 721 | 1 | 0 | 0 | 36 |
| 3E-266 | 0 | 0 | 26 | 29 | 62 | 290 | 3 | 0 | 0 | 22 |
| 3E-267 | 0 | 0 | 20 | 27 | 51 | 346 | 1 | 0 | 0 | 21 |
| 3E-268 | 0 | 0 | 21 | 24 | 63 | 323 | 2 | 0 | 0 | 21 |
| 3E-269 | 0 | 0 | 15 | 18 | 19 | 491 | 3 | 13 | 0 | 42 |
| 3E-270 | 0 | 0 | 20 | 33 | 85 | 920 | 6 | 14 | 0 | 47 |
| 3E-271 | 0 | 0 | 19 | 28 | 57 | 535 | 4 | 2 | 0 | 37 |
| 3E-272 | 0 | 0 | 26 | 24 | 66 | 331 | 6 | 7 | 0 | 45 |
| 3E-273 | 0 | 0 | 14 | 20 | 33 | 483 | 3 | 9 | 0 | 48 |
| 3E-274 | 0 | 0 | 26 | 22 | 70 | 299 | 7 | 24 | 0 | 36 |
| 3E-275 | 0 | 0 | 21 | 19 | 27 | 296 | 5 | 19 | 0 | 33 |
| 3E-276 | 0 | 0 | 16 | 16 | 23 | 268 | 3 | 12 | 0 | 47 |
| 3E-277 | .1 | 0 | 18 | 32 | 62 | 874 | 3 | 7 | 0 | 43 |
| 3E-278 | .1 | 0 | 18 | 34 | 60 | 1320 | 3 | 1 | 0 | 39 |
| 3E-279 | 0 | 0 | 8 | 13 | 13 | 197 | 3 | 2 | 0 | 29 |
| 3E-280 | 0 | 0 | 13 | 19 | 25 | 237 | 3 | 0 | 0 | 30 |
| 3E-281 | 0 | 0 | 14 | 20 | 28 | 278 | 3 | 1 | 0 | 41 |
| 3E-282 | 0 | 0 | 10 | 12 | 16 | 151 | 0 | 0 | 0 | 19 |
| 3E-283 | 0 | 0 | 27 | 24 | 47 | 313 | 5 | 0 | 0 | 28 |
| 3E-284 | 0 | 0 | 14 | 14 | 20 | 231 | 3 | 0 | 0 | 33 |
| 3E-285 | 0 | 0 | 16 | 28 | 54 | 782 | 3 | 4 | 0 | 37 |
| 3E-286 | 0 | 0 | 20 | 22 | 33 | 362 | 5 | 0 | 0 | 50 |
| 3E-287 | 0 | 0 | 21 | 18 | 64 | 372 | 4 | 5 | 0 | 35 |
| 3E-288 | 0 | 0 | 12 | 14 | 19 | 292 | 3 | 0 | 0 | 26 |
| 3E-289 | .1 | 0 | 14 | 24 | 41 | 760 | 1 | 0 | 0 | 61 |
| 3E-290 | 0 | 0 | 20 | 24 | 40 | 325 | 3 | 3 | 0 | 32 |
| 3E-291 | 0 | 0 | 26 | 28 | 32 | 790 | 4 | 6 | 0 | 33 |
| 3E-292 | 0 | 0 | 23 | 38 | 44 | 736 | 4 | 0 | 0 | 39 |
| 3E-293 | 0 | 0 | 21 | 30 | 40 | 331 | 3 | 0 | 0 | 47 |
| 3E-294 | 0 | 0 | 24 | 33 | 58 | 729 | 4 | 0 | 0 | 45 |
| 3E-295 | 0 | 0 | 14 | 20 | 26 | 341 | 3 | 8 | 0 | 40 |
| 3E-296 | 0 | 0 | 23 | 20 | 27 | 270 | 7 | 20 | 0 | 62 |
| 3E-297 | 0 | 0 | 15 | 23 | 40 | 777 | 4 | 12 | 0 | 41 |
| 3E-298 | 0 | 0 | 23 | 26 | 26 | 456 | 4 | 0 | 0 | 49 |
| 3E-299 | 0 | 0 | 24 | 31 | 31 | 504 | 5 | 7 | 0 | 65 |
| 3E-300 | 0 | 0 | 24 | 24 | 36 | 326 | 4 | 0 | 0 | 37 |

| (REPORT VALUES IN PPM) | AS | KS | P | CO | CU | MN | MO | FE | SE | ZN |
|------------------------|----|----|----|----|----|------|----|----|----|----|
| 3E-301 | 0 | 0 | 25 | 32 | 76 | 489 | 3 | 0 | 0 | 62 |
| 3E-302 | 0 | 0 | 23 | 25 | 37 | 417 | 3 | 0 | 0 | 45 |
| 3E-303 | 0 | 0 | 27 | 25 | 37 | 482 | 1 | 0 | 0 | 57 |
| 3E-304 | 0 | 0 | 21 | 20 | 50 | 298 | 4 | 0 | 0 | 58 |
| 3E-305 | 0 | 0 | 22 | 35 | 52 | 658 | 4 | 6 | 0 | 32 |
| 3E-306 | 0 | 0 | 17 | 31 | 22 | 566 | 4 | 9 | 0 | 56 |
| 3E-307 | 0 | 0 | 25 | 31 | 52 | 590 | 4 | 0 | 0 | 43 |
| 3E-308 | 0 | 0 | 28 | 35 | 64 | 448 | 4 | 3 | 0 | 70 |
| 3E-309 | 0 | 0 | 21 | 27 | 45 | 549 | 4 | 6 | 0 | 48 |
| 3E-310 | 0 | 0 | 18 | 27 | 43 | 562 | 4 | 14 | 0 | 39 |
| 3E-311 | 0 | 0 | 17 | 29 | 37 | 1030 | 3 | 7 | 0 | 40 |
| 3E-312 | 0 | 0 | 13 | 32 | 25 | 1120 | 3 | 15 | 0 | 37 |
| 3E-313 | 0 | 0 | 23 | 26 | 37 | 1040 | 3 | 15 | 0 | 46 |
| 3E-314 | 0 | 0 | 23 | 38 | 46 | 539 | 5 | 14 | 0 | 89 |
| 3E-315 | 0 | 0 | 16 | 20 | 16 | 666 | 2 | 0 | 0 | 63 |
| 3E-316 | 0 | 0 | 25 | 33 | 47 | 849 | 3 | 3 | 0 | 69 |
| 3E-317 | 0 | 0 | 28 | 32 | 52 | 789 | 5 | 12 | 0 | 53 |
| 3E-318 | 0 | 0 | 24 | 29 | 47 | 1840 | 5 | 4 | 0 | 75 |
| 3E-319 | 0 | 0 | 23 | 27 | 51 | 532 | 4 | 0 | 0 | 51 |
| 3E-320 | 0 | 0 | 19 | 25 | 49 | 482 | 3 | 0 | 0 | 38 |
| 3E-321 | 0 | 0 | 23 | 27 | 51 | 408 | 4 | 0 | 0 | 42 |
| 3E-322 | 0 | 0 | 17 | 24 | 41 | 794 | 4 | 2 | 0 | 43 |
| 3E-323 | 0 | 0 | 16 | 17 | 20 | 391 | 2 | 0 | 0 | 43 |
| 3E-324 | 0 | 0 | 16 | 17 | 18 | 342 | 2 | 0 | 0 | 45 |
| 3E-325 | 0 | 0 | 31 | 34 | 78 | 564 | 4 | 0 | 0 | 44 |
| 3E-326 | 0 | 0 | 25 | 23 | 64 | 387 | 4 | 0 | 0 | 40 |
| 3E-327 | 0 | 0 | 21 | 27 | 37 | 1690 | 2 | 0 | 0 | 43 |
| 3E-328 | 0 | 0 | 24 | 30 | 41 | 3200 | 5 | 7 | 0 | 73 |
| 3E-329 | 0 | 0 | 27 | 31 | 62 | 594 | 5 | 0 | 0 | 49 |
| 3E-330 | 0 | 0 | 33 | 36 | 43 | 459 | 4 | 0 | 0 | 79 |
| 3E331 | 0 | 0 | 32 | 47 | 64 | 473 | 9 | 0 | 0 | 89 |
| 3E332 | .4 | 0 | 15 | 28 | 17 | 665 | 5 | 0 | 0 | 56 |
| 3E333 | .2 | 0 | 25 | 34 | 43 | 563 | 5 | 0 | 0 | 55 |
| 3E334 | .3 | 0 | 16 | 28 | 25 | 519 | 7 | 0 | 0 | 66 |
| 3E335 | .2 | 0 | 23 | 37 | 50 | 706 | 7 | 0 | 0 | 36 |
| 3E336 | 0 | 0 | 21 | 34 | 48 | 683 | 6 | 0 | 0 | 38 |
| 3E337 | .1 | 0 | 22 | 39 | 68 | 719 | 7 | 0 | 0 | 36 |
| 3E338 | .1 | 0 | 21 | 36 | 48 | 1110 | 4 | 0 | 0 | 49 |
| 3E339 | .4 | 0 | 12 | 25 | 21 | 1370 | 3 | 0 | 0 | 60 |
| 3E340 | 0 | 0 | 22 | 30 | 51 | 1890 | 6 | 8 | 0 | 88 |
| 3E341 | 0 | 0 | 21 | 29 | 60 | 703 | 6 | 0 | 0 | 55 |
| 3E342 | 0 | 0 | 25 | 28 | 84 | 573 | 7 | 0 | 0 | 48 |
| 3E343 | .1 | 0 | 15 | 25 | 23 | 1830 | 6 | 7 | 0 | 75 |
| 3E344 | .4 | 0 | 1 | 15 | 5 | 176 | 0 | 0 | 0 | 9 |
| 3E345 | .1 | 0 | 12 | 25 | 17 | 737 | 3 | 0 | 0 | 47 |
| 3E346 | 0 | 0 | 38 | 50 | 74 | 916 | 12 | 6 | 0 | 64 |
| 3E347 | 0 | 0 | 14 | 21 | 20 | 459 | 6 | 0 | 0 | 49 |
| 3E348 | 0 | 0 | 14 | 20 | 22 | 641 | 4 | 0 | 0 | 64 |
| 3E349 | 0 | 0 | 22 | 29 | 43 | 600 | 6 | 2 | 0 | 53 |
| 3E350 | 0 | 0 | 28 | 39 | 47 | 471 | 8 | 0 | 0 | 65 |
| 3E351 | 0 | 0 | 22 | 31 | 54 | 652 | 8 | 0 | 0 | 51 |
| 3E352 | .2 | 0 | 11 | 21 | 16 | 642 | 1 | 0 | 0 | 37 |
| 3E353 | 0 | 0 | 24 | 32 | 32 | 646 | 4 | 0 | 0 | 70 |
| 3E354 | .3 | 0 | 4 | 19 | 9 | 470 | 1 | 0 | 0 | 19 |
| 3E355 | 0 | 0 | 31 | 43 | 78 | 594 | 6 | 0 | 0 | 45 |
| 3E356 | 0 | 0 | 27 | 45 | 42 | 679 | 8 | 0 | 0 | 92 |
| 3E357 | .5 | 0 | 17 | 28 | 17 | 1030 | 3 | 0 | 0 | 70 |
| 3E358 | 0 | 0 | 23 | 35 | 46 | 700 | 5 | 0 | 0 | 49 |
| 3E359 | .2 | 0 | 13 | 22 | 20 | 366 | 7 | 9 | 0 | 27 |
| 3E360 | .1 | 0 | 15 | 31 | 18 | 1190 | 8 | 31 | 7 | 58 |

ATTENTION: D. EVERETT

| REPORT VALUES IN PPM) | AR | AS | B | CG | CU | MN | MO | FE | CE | ZN |
|-----------------------|----|----|----|----|-----|------|----|----|----|-----|
| 3E361 | 0 | 0 | 26 | 24 | 34 | 332 | 9 | 26 | 5 | 75 |
| 3E362 | .2 | 0 | 24 | 33 | 29 | 2730 | 7 | 27 | 0 | 170 |
| 3E363 | 0 | 0 | 21 | 32 | 25 | 1260 | 7 | 50 | 0 | 209 |
| 3E364 | 0 | 0 | 30 | 52 | 48 | 1820 | 9 | 2 | 0 | 185 |
| 3E365 | 0 | 0 | 18 | 30 | 20 | 547 | 7 | 12 | 0 | 160 |
| 3E366 | .4 | 0 | 20 | 38 | 73 | 1170 | 7 | 18 | 0 | 67 |
| 3E367 | 0 | 0 | 15 | 19 | 29 | 895 | 7 | 29 | 1 | 141 |
| 3E368 | 0 | 0 | 8 | 12 | 5 | 245 | 4 | 8 | 0 | 78 |
| 3E369 | 0 | 0 | 27 | 29 | 63 | 508 | 9 | 12 | 0 | 149 |
| 3E370 | 0 | 0 | 29 | 28 | 95 | 528 | 12 | 28 | 7 | 59 |
| 3E371 | 0 | 0 | 27 | 23 | 51 | 656 | 8 | 28 | 4 | 65 |
| 3E372 | 0 | 0 | 30 | 22 | 39 | 477 | 9 | 28 | 7 | 61 |
| 3E373 | 0 | 0 | 22 | 30 | 48 | 728 | 7 | 19 | 0 | 75 |
| 3E374 | 0 | 0 | 23 | 31 | 46 | 888 | 6 | 1 | 0 | 59 |
| 3E375 | 0 | 0 | 21 | 32 | 46 | 947 | 8 | 1 | 0 | 55 |
| 3E376 | 0 | 0 | 22 | 30 | 47 | 730 | 8 | 9 | 0 | 57 |
| 3E377 | 0 | 0 | 37 | 36 | 48 | 654 | 11 | 21 | 6 | 90 |
| 3E378 | 0 | 0 | 29 | 35 | 42 | 588 | 10 | 22 | 4 | 60 |
| 3E379 | 0 | 0 | 24 | 32 | 53 | 847 | 8 | 17 | 0 | 82 |
| 3E380 | 0 | 0 | 11 | 15 | 10 | 419 | 5 | 11 | 0 | 27 |
| 3E381 | 0 | 0 | 19 | 22 | 23 | 429 | 9 | 29 | 8 | 66 |
| 3E382 | 0 | 0 | 21 | 22 | 33 | 627 | 7 | 17 | 2 | 75 |
| 3E383 | 0 | 0 | 25 | 38 | 52 | 500 | 8 | 33 | 0 | 91 |
| 3E384 | .2 | 0 | 20 | 31 | 18 | 1110 | 3 | 0 | 0 | 20 |
| 3E385 | 0 | 0 | 15 | 25 | 23 | 498 | 4 | 4 | 0 | 37 |
| 3E386 | 0 | 0 | 29 | 32 | 50 | 540 | 10 | 23 | 0 | 55 |
| 3E387 | 0 | 0 | 17 | 21 | 28 | 852 | 6 | 6 | 0 | 57 |
| 3E388 | 0 | 0 | 23 | 23 | 25 | 395 | 9 | 15 | 0 | 70 |
| 3E389 | 0 | 0 | 17 | 18 | 21 | 395 | 9 | 20 | 4 | 60 |
| 3E390 | .1 | 0 | 3 | 8 | 10 | 590 | 4 | 12 | 5 | 45 |
| 3E391 | .1 | 16 | 3 | 9 | 5 | 134 | 5 | 26 | 6 | 143 |
| 3E392 | 0 | 0 | 20 | 25 | 30 | 485 | 5 | 0 | 0 | 152 |
| 3E393 | 0 | 0 | 29 | 31 | 42 | 743 | 5 | 0 | 0 | 141 |
| 3E394 | 0 | 0 | 14 | 20 | 15 | 461 | 2 | 0 | 0 | 30 |
| 3E395 | 0 | 0 | 39 | 33 | 61 | 540 | 7 | 0 | 0 | 33 |
| 3E396 | 0 | 0 | 17 | 22 | 16 | 468 | 6 | 0 | 0 | 35 |
| 3E397 | 0 | 0 | 28 | 36 | 44 | 841 | 7 | 0 | 0 | 42 |
| 3E398 | 0 | 0 | 24 | 32 | 28 | 821 | 5 | 0 | 0 | 49 |
| 3E399 | 0 | 0 | 26 | 41 | 44 | 736 | 7 | 0 | 0 | 49 |
| 3E400 | 0 | 0 | 38 | 59 | 83 | 697 | 10 | 3 | 0 | 88 |
| 3E401 | 0 | 0 | 27 | 40 | 52 | 842 | 8 | 5 | 0 | 60 |
| 3E402 | 0 | 0 | 28 | 39 | 58 | 959 | 8 | 0 | 0 | 47 |
| 3E403 | 0 | 0 | 26 | 36 | 49 | 1070 | 7 | 0 | 0 | 46 |
| 3E404 | 0 | 0 | 21 | 35 | 44 | 1440 | 6 | 8 | 0 | 77 |
| 3E405 | 0 | 0 | 19 | 25 | 30 | 479 | 4 | 0 | 0 | 48 |
| 3E406 | 0 | 0 | 19 | 21 | 34 | 368 | 5 | 0 | 0 | 38 |
| 3E407 | 0 | 0 | 21 | 24 | 55 | 1470 | 5 | 5 | 0 | 58 |
| 3E408 | 0 | 0 | 33 | 38 | 88 | 629 | 6 | 0 | 0 | 47 |
| 3E409 | .1 | 0 | 18 | 19 | 21 | 310 | 1 | 0 | 0 | 19 |
| 3E410 | 0 | 0 | 39 | 46 | 79 | 663 | 6 | 0 | 0 | 8 |
| 3E411 | 0 | 0 | 22 | 37 | 58 | 1140 | 4 | 0 | 0 | 29 |
| 3E412 | 0 | 0 | 51 | 45 | 132 | 537 | 11 | 12 | 0 | 30 |
| 3E413 | .7 | 0 | 26 | 44 | 67 | 4010 | 9 | 13 | 0 | 52 |
| 3E414 | .4 | 0 | 18 | 27 | 28 | 3650 | 9 | 39 | 3 | 171 |
| 3E415 | 0 | 0 | 28 | 30 | 44 | 475 | 6 | 0 | 0 | 91 |
| 3E416 | 0 | 0 | 31 | 35 | 49 | 512 | 9 | 9 | 0 | 266 |
| 3E417 | 0 | 0 | 24 | 39 | 88 | 1040 | 5 | 0 | 0 | 45 |
| 3E418 | .3 | 0 | 13 | 18 | 19 | 567 | 9 | 15 | 1 | 57 |
| 3E419 | 0 | 0 | 14 | 19 | 16 | 429 | 4 | 0 | 0 | 53 |
| 3E420 | 0 | 0 | 21 | 32 | 36 | 704 | 9 | 16 | 0 | 55 |

| REPORT VALUES IN PPM | AS | AS | P | CO | CU | MN | MO | PP | SB | ZN |
|----------------------|----|----|----|-----|-----|------|----|-----|----|-----|
| 3E421 | 0 | 0 | 21 | 44 | 88 | 1930 | 6 | 22 | 0 | 126 |
| 3E422 | 0 | 0 | 31 | 39 | 74 | 569 | 10 | 20 | 0 | 69 |
| 3E423 | 0 | 0 | 21 | 33 | 42 | 1450 | 10 | 26 | 1 | 56 |
| 3E424 | .1 | 0 | 21 | 34 | 68 | 937 | 7 | 11 | 0 | 49 |
| 3E425 | 0 | 0 | 23 | 38 | 36 | 535 | 8 | 0 | 0 | 36 |
| 3E426 | .2 | 0 | 22 | 35 | 46 | 571 | 6 | 0 | 0 | 42 |
| 3E427 | 0 | 0 | 25 | 48 | 42 | 859 | 6 | 0 | 0 | 61 |
| 3E428 | 0 | 0 | 29 | 49 | 58 | 962 | 11 | 15 | 0 | 60 |
| 3E429 | 0 | 0 | 17 | 21 | 26 | 328 | 9 | 14 | 0 | 32 |
| 3E430 | 0 | 0 | 22 | 29 | 51 | 595 | 7 | 0 | 0 | 37 |
| 3E431 | .2 | 0 | 20 | 33 | 76 | 1090 | 4 | 0 | 0 | 46 |
| 3E432 | .1 | 0 | 22 | 33 | 81 | 1210 | 7 | 0 | 0 | 51 |
| 3E433 | 0 | 0 | 13 | 22 | 23 | 664 | 5 | 0 | 0 | 32 |
| 3E434 | 0 | 0 | 18 | 32 | 40 | 1550 | 3 | 0 | 0 | 29 |
| 3E435 | 0 | 0 | 18 | 30 | 35 | 624 | 5 | 0 | 0 | 55 |
| 3E436 | .1 | 0 | 8 | 12 | 11 | 233 | 2 | 0 | 0 | 15 |
| 3E437 | 0 | 0 | 22 | 23 | 39 | 494 | 6 | 0 | 0 | 24 |
| 3E438 | 0 | 0 | 9 | 10 | 9 | 339 | 5 | 9 | 0 | 73 |
| 3E439 | .2 | 0 | 8 | 14 | 11 | 243 | 3 | 0 | 0 | 33 |
| 3E440 | 0 | 0 | 20 | 24 | 44 | 819 | 5 | 0 | 0 | 45 |
| 3E441 | 0 | 0 | 21 | 24 | 42 | 312 | 6 | 0 | 0 | 48 |
| 3E442 | 0 | 0 | 16 | 26 | 29 | 686 | 4 | 0 | 0 | 130 |
| 3E443 | 0 | 0 | 31 | 40 | 118 | 508 | 8 | 0 | 0 | 96 |
| 3E444 | .2 | 0 | 9 | 14 | 20 | 234 | 2 | 0 | 0 | 22 |
| 3E445 | .3 | 0 | 11 | 19 | 34 | 380 | 0 | 0 | 0 | 29 |
| 3E446 | 0 | 0 | 27 | 31 | 101 | 419 | 6 | 0 | 0 | 47 |
| 3E447 | 0 | 0 | 18 | 26 | 89 | 562 | 6 | 0 | 0 | 42 |
| 3E448 | 0 | 0 | 18 | 24 | 39 | 527 | 5 | 0 | 0 | 89 |
| 3E449 | 0 | 0 | 17 | 25 | 39 | 350 | 4 | 0 | 0 | 23 |
| 3E450 | .2 | 0 | 20 | 27 | 44 | 2580 | 6 | 105 | 0 | 320 |
| 3E451 | 0 | 0 | 16 | 21 | 32 | 312 | 6 | 0 | 0 | 47 |
| 3E452 | 0 | 0 | 14 | 22 | 31 | 1470 | 4 | 0 | 0 | 45 |
| 3E453 | .1 | 0 | 7 | 19 | 18 | 337 | 3 | 0 | 0 | 49 |
| 3E454 | 0 | 0 | 24 | 34 | 51 | 1780 | 8 | 3 | 0 | 91 |
| 3E455 | 0 | 0 | 23 | 24 | 63 | 330 | 4 | 0 | 0 | 16 |
| 3E456 | 0 | 0 | 15 | 21 | 33 | 246 | 3 | 0 | 0 | 26 |
| 3E457 | 0 | 0 | 23 | 20 | 50 | 280 | 3 | 0 | 0 | 11 |
| 3E458 | .1 | 0 | 10 | 12 | 20 | 367 | 1 | 0 | 0 | 23 |
| 3E459 | 0 | 0 | 20 | 24 | 66 | 559 | 4 | 0 | 0 | 44 |
| 3E460 | 0 | 0 | 15 | 14 | 41 | 302 | 4 | 0 | 0 | 33 |
| 3E461 | 0 | 0 | 11 | 18 | 34 | 297 | 4 | 0 | 0 | 38 |
| 3E462 | .1 | 0 | 11 | 20 | 37 | 687 | 4 | 0 | 0 | 42 |
| 3E463 | .2 | 0 | 12 | 23 | 24 | 616 | 4 | 0 | 0 | 50 |
| 3E464 | 0 | 0 | 20 | 27 | 47 | 314 | 7 | 0 | 0 | 41 |
| 3E465 | 0 | 0 | 18 | 27 | 29 | 548 | 7 | 0 | 0 | 59 |
| 3E466 | 0 | 0 | 23 | 26 | 42 | 278 | 6 | 0 | 0 | 61 |
| 3E467 | .3 | 0 | 17 | 27 | 32 | 780 | 6 | 0 | 0 | 260 |
| 3E468 | 0 | 0 | 10 | 13 | 23 | 253 | 3 | 0 | 0 | 35 |
| 3E469 | 0 | 0 | 16 | 22 | 65 | 315 | 4 | 0 | 0 | 40 |
| 3E470 | .4 | 0 | 14 | 22 | 61 | 372 | 4 | 0 | 0 | 47 |
| 3E471 | 0 | 0 | 20 | 23 | 93 | 463 | 7 | 5 | 0 | 72 |
| 3E472 | .6 | 0 | 18 | 118 | 75 | 4770 | 5 | 12 | 0 | 83 |
| 3E473 | 0 | 0 | 9 | 13 | 15 | 493 | 3 | 4 | 0 | 52 |
| 3E474 | 0 | 0 | 15 | 19 | 20 | 783 | 4 | 0 | 0 | 48 |
| 3E475 | .4 | 0 | 7 | 16 | 11 | 1090 | 3 | 0 | 0 | 44 |
| 3E476 | 0 | 0 | 17 | 22 | 46 | 1310 | 6 | 0 | 0 | 49 |
| 3E477 | 0 | 0 | 13 | 22 | 59 | 418 | 3 | 0 | 0 | 18 |
| 3E478 | 0 | 0 | 11 | 18 | 28 | 296 | 5 | 0 | 0 | 37 |
| 3E479 | 0 | 0 | 15 | 22 | 72 | 412 | 5 | 0 | 0 | 37 |
| 3E480 | 0 | 0 | 21 | 29 | 77 | 343 | 7 | 0 | 0 | 124 |

| REPORT VALUES IN PPM | AS | PS | P | CO | CU | MN | MO | FE | SR | ZN |
|----------------------|----|----|----|----|-----|------|----|----|----|-----|
| 3E481 | .4 | 0 | 14 | 26 | 52 | 1220 | 6 | 7 | 0 | 56 |
| 3E482 | 0 | 0 | 21 | 27 | 48 | 1210 | 6 | 4 | 0 | 98 |
| 3E483 | 0 | 0 | 19 | 28 | 65 | 726 | 7 | 4 | 0 | 55 |
| 3E484 | .2 | 0 | 14 | 25 | 75 | 464 | 6 | 0 | 0 | 45 |
| 3E485 | .4 | 0 | 10 | 24 | 27 | 332 | 3 | 0 | 0 | 18 |
| 3E486 | 0 | 0 | 6 | 11 | 12 | 333 | 3 | 0 | 0 | 72 |
| 3E487 | 0 | 0 | 29 | 39 | 96 | 717 | 15 | 42 | 7 | 181 |
| 3E488 | 0 | 0 | 16 | 17 | 38 | 827 | 7 | 15 | 2 | 61 |
| 3E489 | 0 | 0 | 4 | 5 | 4 | 169 | 3 | 7 | 0 | 24 |
| 3E490 | 0 | 0 | 7 | 13 | 20 | 675 | 5 | 14 | 0 | 64 |
| 3E491 | 0 | 0 | 8 | 17 | 17 | 584 | 6 | 13 | 2 | 79 |
| 3E492 | .2 | 0 | 9 | 14 | 13 | 798 | 5 | 4 | 0 | 67 |
| 3E493 | .1 | 0 | 12 | 17 | 17 | 274 | 6 | 9 | 0 | 95 |
| 3E494 | 0 | 0 | 13 | 12 | 30 | 1010 | 6 | 19 | 4 | 94 |
| 3E495 | .4 | 0 | 18 | 26 | 21 | 562 | 4 | 0 | 0 | 173 |
| 3E496 | .3 | 0 | 10 | 18 | 16 | 775 | 4 | 1 | 0 | 62 |
| 3E497 | .3 | 0 | 5 | 14 | 13 | 451 | 5 | 8 | 0 | 22 |
| 3E498 | 0 | 0 | 10 | 18 | 52 | 335 | 5 | 1 | 0 | 15 |
| 3E499 | 0 | 0 | 16 | 22 | 51 | 246 | 6 | 0 | 0 | 33 |
| 3E500 | .4 | 0 | 12 | 20 | 38 | 572 | 5 | 5 | 0 | 31 |
| 3E501 | .5 | 0 | 7 | 15 | 15 | 779 | 3 | 4 | 0 | 125 |
| 3E502 | .2 | 0 | 11 | 15 | 17 | 1390 | 6 | 6 | 0 | 675 |
| 3E503 | .2 | 0 | 0 | 3 | 2 | 458 | 2 | 7 | 1 | 27 |
| 3E504 | .3 | 0 | 15 | 28 | 24 | 822 | 9 | 25 | 9 | 86 |
| 3E505 | 0 | 0 | 14 | 15 | 27 | 213 | 8 | 18 | 1 | 64 |
| 3E506 | 0 | 0 | 17 | 25 | 20 | 786 | 7 | 11 | 0 | 31 |
| 3E507 | .2 | 0 | 17 | 28 | 31 | 390 | 8 | 16 | 0 | 34 |
| 3E508 | .3 | 0 | 13 | 25 | 20 | 535 | 6 | 0 | 0 | 50 |
| 3E509 | .1 | 0 | 6 | 12 | 13 | 173 | 5 | 6 | 0 | 36 |
| 3E510 | 0 | 0 | 19 | 24 | 54 | 508 | 7 | 11 | 0 | 57 |
| 3E-511 | 0 | 0 | 21 | 24 | 32 | 718 | 4 | 0 | 0 | 73 |
| 3E-512 | 0 | 0 | 19 | 26 | 58 | 649 | 4 | 0 | 0 | 49 |
| 3E-513 | 0 | 0 | 14 | 21 | 51 | 1000 | 4 | 6 | 0 | 54 |
| 3E-514 | 0 | 0 | 8 | 20 | 48 | 676 | 4 | 0 | 0 | 34 |
| 3E-515 | 0 | 0 | 7 | 10 | 11 | 198 | 4 | 0 | 0 | 28 |
| 3E-516 | 0 | 0 | 8 | 8 | 13 | 199 | 0 | 0 | 0 | 27 |
| 3E-517 | 0 | 0 | 4 | 12 | 22 | 1120 | 2 | 0 | 0 | 35 |
| 3E-518 | 0 | 0 | 17 | 25 | 204 | 264 | 3 | 0 | 0 | 77 |
| 3E-519 | 0 | 0 | 6 | 18 | 74 | 858 | 6 | 7 | 0 | 108 |
| 3E-520 | 0 | 0 | 13 | 23 | 66 | 613 | 8 | 12 | 0 | 81 |
| 3E-521 | 0 | 0 | 11 | 28 | 66 | 1100 | 9 | 37 | 1 | 73 |
| 3E-522 | 0 | 0 | 1 | 5 | 8 | 135 | 2 | 0 | 0 | 17 |
| 3E-523 | 0 | 0 | 2 | 11 | 7 | 196 | 3 | 0 | 0 | 16 |
| 3E-524 | 0 | 0 | 10 | 21 | 30 | 1200 | 3 | 0 | 0 | 43 |
| 3E-525 | 0 | 0 | 23 | 28 | 50 | 592 | 3 | 0 | 0 | 18 |
| 3E-526 | 0 | 0 | 15 | 25 | 38 | 1390 | 6 | 0 | 0 | 49 |
| 3E-527 | .2 | 0 | 0 | 10 | 3 | 1520 | 21 | 97 | 6 | 179 |
| 3E-528 | 0 | 0 | 15 | 25 | 83 | 476 | 8 | 0 | 0 | 39 |
| 3E-529 | 0 | 0 | 9 | 19 | 31 | 308 | 1 | 0 | 0 | 46 |
| 3E-530 | 0 | 0 | 7 | 13 | 19 | 316 | 4 | 0 | 0 | 33 |
| 3E-531 | 0 | 0 | 7 | 12 | 30 | 268 | 5 | 2 | 0 | 67 |
| 3E-532 | 0 | 0 | 5 | 12 | 18 | 238 | 6 | 14 | 0 | 42 |
| 3E-533 | 0 | 0 | 2 | 9 | 9 | 458 | 4 | 2 | 0 | 64 |
| 3E-534 | 0 | 0 | 4 | 12 | 25 | 604 | 5 | 12 | 0 | 43 |
| 3E-535 | 0 | 0 | 10 | 25 | 44 | 611 | 8 | 7 | 0 | 51 |
| 3E-536 | 0 | 0 | 5 | 16 | 15 | 234 | 2 | 0 | 0 | 26 |
| 3E-537 | 0 | 0 | 21 | 30 | 51 | 448 | 5 | 0 | 0 | 43 |
| 3E-538 | 0 | 0 | 12 | 22 | 24 | 496 | 5 | 0 | 0 | 31 |
| 3E-539 | 0 | 0 | 10 | 18 | 13 | 402 | 9 | 0 | 0 | 31 |
| 3E-540 | 0 | 0 | 6 | 12 | 19 | 202 | 2 | 0 | 0 | 22 |

ATTENTION: C. EVERETT

| REPORT VALUES IN PPM | AS | AE | B | CO | CU | MN | MO | FB | SE | ZN |
|----------------------|----|----|----|-----|-----|------|----|----|----|-----|
| 3E-541 | 0 | 0 | 8 | 12 | 27 | 362 | 2 | 0 | 0 | 14 |
| 3E-542 | 0 | 0 | 0 | 11 | 6 | 132 | 0 | 0 | 0 | 0 |
| 3E-543 | 0 | 0 | 33 | 118 | 122 | 1240 | 2 | 0 | 0 | 17 |
| 3E-544 | 0 | 0 | 11 | 18 | 40 | 266 | 1 | 0 | 0 | 14 |
| 3E-545 | 0 | 0 | 9 | 17 | 30 | 283 | 3 | 0 | 0 | 159 |
| 3E-546 | 0 | 18 | 1 | 13 | 19 | 1210 | 8 | 28 | 11 | 190 |
| 3E-547 | 0 | 0 | 14 | 17 | 43 | 260 | 5 | 0 | 0 | 132 |
| 3E-548 | 0 | 0 | 13 | 24 | 31 | 855 | 8 | 18 | 3 | 88 |
| 3E-549 | 0 | 0 | 13 | 24 | 51 | 674 | 5 | 2 | 0 | 52 |
| 3E-550 | 0 | 0 | 15 | 29 | 55 | 511 | 5 | 0 | 0 | 34 |
| 3E-551 | 0 | 0 | 8 | 19 | 32 | 1320 | 4 | 0 | 0 | 29 |
| 3E-552 | 0 | 0 | 12 | 19 | 26 | 712 | 3 | 0 | 0 | 22 |
| 3E-553 | 0 | 0 | 34 | 33 | 76 | 1140 | 8 | 0 | 0 | 98 |
| 3E-554 | 0 | 0 | 17 | 25 | 39 | 432 | 7 | 0 | 0 | 69 |
| 3E-555 | 0 | 0 | 18 | 24 | 49 | 334 | 5 | 0 | 0 | 56 |
| 3E-556 | 0 | 0 | 12 | 18 | 31 | 263 | 3 | 0 | 0 | 46 |
| 3E-557 | 0 | 0 | 6 | 20 | 28 | 573 | 2 | 0 | 0 | 42 |
| 3E-558 | 0 | 0 | 13 | 19 | 74 | 366 | 0 | 0 | 0 | 42 |
| 3E-559 | 0 | 0 | 0 | 6 | 5 | 1080 | 2 | 18 | 3 | 42 |
| 3E-560 | 0 | 0 | 13 | 24 | 45 | 455 | 2 | 0 | 0 | 129 |
| 3E-561 | 0 | 0 | 11 | 21 | 21 | 306 | 5 | 0 | 0 | 61 |
| 3E-562 | 0 | 0 | 19 | 24 | 45 | 404 | 5 | 0 | 0 | 38 |
| 3E-563 | 0 | 0 | 0 | 2 | 2 | 75 | 3 | 6 | 1 | 4 |
| 3E-564 | 0 | 0 | 9 | 9 | 8 | 239 | 5 | 18 | 6 | 27 |
| 3E-565 | 0 | 6 | 20 | 34 | 55 | 745 | 12 | 43 | 13 | 58 |
| 3E-566 | 0 | 0 | 10 | 15 | 22 | 234 | 4 | 0 | 0 | 32 |
| 3E-567 | 0 | 0 | 16 | 21 | 32 | 389 | 6 | 0 | 0 | 46 |
| 3E-568 | 0 | 0 | 9 | 19 | 27 | 321 | 4 | 0 | 0 | 12 |
| 3E-569 | 0 | 0 | 28 | 27 | 49 | 405 | 5 | 0 | 0 | 55 |
| 3E-570 | 0 | 0 | 15 | 23 | 47 | 350 | 4 | 0 | 0 | 31 |
| 3E-571 | 0 | 0 | 15 | 24 | 50 | 391 | 5 | 0 | 0 | 41 |
| 3E-572 | 0 | 0 | 7 | 22 | 52 | 1100 | 4 | 0 | 0 | 40 |
| 3E-573 | 0 | 0 | 14 | 23 | 34 | 282 | 4 | 0 | 0 | 23 |
| 3E-574 | 0 | 0 | 12 | 18 | 18 | 256 | 3 | 0 | 0 | 24 |
| 3E-575 | 0 | 0 | 1 | 3 | 5 | 341 | 2 | 6 | 2 | 13 |
| 3E-576 | 0 | 0 | 21 | 31 | 59 | 305 | 6 | 0 | 0 | 24 |
| 3E-577 | 0 | 0 | 12 | 21 | 44 | 252 | 3 | 0 | 0 | 17 |
| 3E-578 | 0 | 0 | 15 | 20 | 27 | 304 | 5 | 0 | 0 | 23 |
| 3E-579 | 0 | 0 | 19 | 52 | 65 | 651 | 7 | 1 | 0 | 42 |
| 3E-580 | 0 | 0 | 5 | 15 | 11 | 425 | 2 | 0 | 0 | 36 |
| 3E-581 | .7 | 0 | 12 | 25 | 28 | 5380 | 7 | 40 | 3 | 112 |
| 3E-582 | .2 | 0 | 10 | 21 | 27 | 5130 | 4 | 30 | 0 | 177 |
| 3E-583 | 0 | 0 | 8 | 16 | 36 | 485 | 4 | 15 | 0 | 89 |
| 3E-584 | 0 | 0 | 3 | 8 | 12 | 182 | 4 | 17 | 0 | 167 |
| 3E-585 | 0 | 0 | 5 | 19 | 19 | 1730 | 4 | 29 | 0 | 109 |
| 3E-586 | 0 | 0 | 11 | 12 | 14 | 393 | 9 | 22 | 4 | 81 |
| 3E-587 | 0 | 0 | 2 | 10 | 10 | 440 | 4 | 15 | 0 | 81 |
| 3E-588 | 0 | 0 | 11 | 18 | 20 | 354 | 4 | 3 | 0 | 74 |
| 3E-589 | 0 | 0 | 7 | 20 | 21 | 893 | 4 | 0 | 0 | 82 |
| 3E-590 | 0 | 6 | 25 | 36 | 95 | 913 | 13 | 40 | 12 | 65 |
| 3E-591 | 0 | 0 | 30 | 42 | 102 | 1400 | 9 | 10 | 0 | 47 |
| 3E-592 | 0 | 0 | 25 | 38 | 93 | 1130 | 9 | 15 | 0 | 62 |
| 3E-593 | 0 | 0 | 22 | 39 | 69 | 1020 | 9 | 7 | 0 | 34 |
| 3E-594 | 0 | 0 | 24 | 41 | 53 | 972 | 5 | 0 | 0 | 41 |
| 3E-595 | 0 | 0 | 15 | 29 | 35 | 980 | 7 | 8 | 0 | 63 |
| 3E-596 | 0 | 0 | 0 | 2 | 7 | 40 | 1 | 2 | 1 | 4 |
| 3E-597 | 0 | 0 | 19 | 25 | 34 | 651 | 3 | 0 | 0 | 57 |
| 3E-598 | 0 | 0 | 18 | 21 | 32 | 444 | 5 | 0 | 0 | 39 |
| 3E-599 | 0 | 0 | 10 | 17 | 21 | 302 | 4 | 0 | 0 | 29 |
| 3E-600 | 0 | 0 | 19 | 24 | 33 | 529 | 6 | 11 | 0 | 59 |

| REPORT VALUES IN PPM | AS | AS | B | CO | CU | MN | MO | PP | SB | ZN |
|----------------------|-----|----|----|----|-----|------|----|----|----|-----|
| 3E-601 | 0 | 0 | 15 | 21 | 44 | 428 | 6 | 4 | 0 | 44 |
| 3E-602 | 0 | 0 | 15 | 23 | 33 | 624 | 3 | 0 | 0 | 54 |
| 3E-603 | 0 | 0 | 4 | 12 | 9 | 193 | 1 | 0 | 0 | 20 |
| 3E-604 | 0 | 0 | 7 | 25 | 19 | 867 | 6 | 14 | 0 | 93 |
| 3E-605 | 0 | 0 | 0 | 11 | 12 | 317 | 4 | 18 | 4 | 74 |
| 3E-606 | 0 | 0 | 14 | 26 | 57 | 354 | 5 | 0 | 0 | 90 |
| 3E-607 | 0 | 0 | 14 | 34 | 44 | 699 | 3 | 0 | 0 | 166 |
| 3E-608 | 0 | 9 | 0 | 3 | 3 | 36 | 2 | 11 | 2 | 17 |
| 3E-609 | 0 | 5 | 0 | 3 | 4 | 83 | 4 | 10 | 4 | 13 |
| 3E-610 | 0 | 0 | 6 | 20 | 11 | 594 | 4 | 0 | 0 | 51 |
| 3E-611 | 0 | 0 | 13 | 27 | 28 | 661 | 6 | 0 | 0 | 61 |
| 3E-612 | 0 | 0 | 19 | 31 | 45 | 460 | 6 | 0 | 0 | 86 |
| 3E-613 | 0 | 0 | 13 | 26 | 31 | 513 | 3 | 0 | 0 | 37 |
| 3E-614 | 0 | 0 | 11 | 24 | 23 | 1150 | 5 | 0 | 0 | 48 |
| 3E-615 | 0 | 0 | 12 | 22 | 16 | 429 | 8 | 7 | 0 | 36 |
| 3E-616 | .2 | 0 | 3 | 19 | 11 | 270 | 2 | 0 | 0 | 20 |
| 3E-617 | 0 | 0 | 7 | 25 | 25 | 331 | 2 | 0 | 0 | 13 |
| 3E-618 | 0 | 0 | 19 | 41 | 99 | 1340 | 6 | 0 | 0 | 43 |
| 3E-619 | 0 | 0 | 18 | 30 | 49 | 721 | 5 | 0 | 0 | 139 |
| 3E-620 | 1.6 | 0 | 23 | 43 | 111 | 5000 | 10 | 23 | 0 | 71 |
| 3E-621 | 0 | 0 | 15 | 32 | 56 | 1150 | 8 | 20 | 0 | 63 |
| 3E-622 | .3 | 0 | 13 | 26 | 55 | 1190 | 8 | 24 | 3 | 73 |
| 3E-623 | 0 | 0 | 15 | 19 | 41 | 345 | 4 | 0 | 0 | 42 |
| 3E-624 | 0 | 0 | 12 | 24 | 53 | 855 | 7 | 0 | 0 | 45 |
| 3E-625 | 0 | 0 | 21 | 26 | 46 | 311 | 6 | 0 | 0 | 21 |
| 3E-626 | 0 | 0 | 7 | 17 | 21 | 354 | 3 | 0 | 0 | 26 |
| 3E-627 | 0 | 0 | 21 | 24 | 50 | 355 | 3 | 0 | 0 | 38 |
| 3E-628 | 0 | 0 | 19 | 23 | 51 | 399 | 3 | 0 | 0 | 40 |
| 3E-629 | 0 | 0 | 26 | 37 | 76 | 870 | 3 | 0 | 0 | 42 |
| 3E-630 | 0 | 0 | 13 | 33 | 60 | 899 | 4 | 0 | 0 | 43 |
| 3E-631 | 0 | 0 | 10 | 33 | 61 | 1170 | 0 | 0 | 0 | 43 |
| 3E-632 | 0 | 0 | 13 | 57 | 125 | 803 | 3 | 0 | 0 | 57 |
| 3E-633 | 0 | 0 | 14 | 25 | 43 | 404 | 4 | 0 | 0 | 68 |
| 3E-634 | 0 | 0 | 16 | 27 | 45 | 434 | 4 | 0 | 0 | 75 |
| 3E-635 | 1.5 | 0 | 0 | 9 | 14 | 754 | 2 | 2 | 0 | 9 |
| 3E-636 | 0 | 0 | 6 | 13 | 44 | 432 | 1 | 0 | 0 | 13 |
| 3E-637 | 0 | 0 | 7 | 21 | 19 | 561 | 0 | 0 | 0 | 32 |
| 3E-638 | 0 | 0 | 7 | 20 | 10 | 568 | 5 | 0 | 0 | 24 |
| 3E-639 | 0 | 0 | 15 | 36 | 53 | 703 | 0 | 0 | 0 | 203 |
| 3E-640 | 0 | 0 | 0 | 3 | 2 | 38 | 2 | 5 | 2 | 14 |
| 3E-641 | 0 | 0 | 0 | 0 | 1 | 24 | 1 | 4 | 1 | 5 |
| 3E-642 | 0 | 3 | 0 | 4 | 8 | 58 | 3 | 6 | 2 | 7 |
| 3E-643 | 0 | 0 | 17 | 42 | 43 | 1700 | 6 | 10 | 0 | 133 |
| 3E-644 | 0 | 0 | 8 | 17 | 17 | 415 | 2 | 0 | 0 | 25 |
| 3E-645 | 0 | 0 | 14 | 29 | 31 | 2030 | 7 | 21 | 0 | 63 |
| 3E-646 | 0 | 0 | 14 | 29 | 30 | 667 | 3 | 0 | 0 | 40 |
| 3E-647 | 0 | 0 | 9 | 21 | 8 | 484 | 6 | 10 | 0 | 50 |
| 3E-648 | 0 | 0 | 4 | 11 | 7 | 177 | 4 | 9 | 0 | 28 |
| 3E-649 | 0 | 0 | 7 | 10 | 13 | 204 | 4 | 9 | 0 | 12 |
| 3E-650 | 0 | 0 | 15 | 21 | 30 | 374 | 3 | 0 | 0 | 32 |
| 3E-651 | 0 | 0 | 9 | 18 | 19 | 915 | 2 | 0 | 0 | 49 |
| 3E-652 | 0 | 0 | 0 | 2 | 2 | 77 | 0 | 0 | 0 | 3 |
| 3E-653 | 0 | 0 | 9 | 15 | 13 | 338 | 2 | 0 | 0 | 28 |
| 3E-654 | 0 | 0 | 9 | 30 | 31 | 618 | 0 | 0 | 0 | 32 |
| 3E-655 | 0 | 0 | 17 | 27 | 52 | 483 | 1 | 0 | 0 | 41 |
| 3E-656 | 0 | 0 | 14 | 20 | 28 | 416 | 1 | 0 | 0 | 36 |
| 3E-657 | 0 | 0 | 10 | 17 | 22 | 294 | 0 | 0 | 0 | 23 |
| 3E-658 | .1 | 0 | 18 | 48 | 51 | 3960 | 5 | 0 | 0 | 204 |
| 3E-659 | 0 | 0 | 15 | 18 | 26 | 321 | 3 | 0 | 0 | 67 |
| 3E-660 | 0 | 0 | 12 | 17 | 21 | 457 | 3 | 0 | 0 | 40 |

| (REPORT VALUES IN PPM) | AS | SE | B | CO | CU | MN | MO | PB | SB | ZN |
|------------------------|----|----|----|----|----|------|----|----|----|-----|
| 3E-661 | 0 | 0 | 0 | 7 | 6 | 173 | 2 | 0 | 0 | 11 |
| 3E-662 | 0 | 0 | 12 | 21 | 47 | 560 | 4 | 0 | 0 | 37 |
| 3E-663 | 0 | 0 | 13 | 28 | 45 | 1230 | 3 | 0 | 0 | 43 |
| 3E-664 | 0 | 12 | 12 | 22 | 12 | 394 | 9 | 32 | 7 | 38 |
| 3E-665 | 0 | 0 | 32 | 46 | 73 | 915 | 9 | 0 | 0 | 54 |
| 3E-666 | 0 | 0 | 15 | 26 | 44 | 405 | 2 | 0 | 0 | 39 |
| 3E-667 | 0 | 0 | 20 | 48 | 54 | 3290 | 4 | 0 | 0 | 70 |
| 3E-668 | 0 | 0 | 16 | 29 | 62 | 526 | 2 | 0 | 0 | 25 |
| 3E-669 | 0 | 0 | 14 | 20 | 38 | 330 | 4 | 0 | 0 | 39 |
| 3E-670 | 0 | 0 | 6 | 19 | 13 | 236 | 0 | 0 | 0 | 23 |
| 3E-671 | 0 | 0 | 16 | 29 | 27 | 384 | 0 | 0 | 0 | 124 |
| 3E-672 | 0 | 0 | 5 | 16 | 18 | 224 | 0 | 0 | 0 | 35 |
| 3E-673 | 0 | 0 | 19 | 27 | 64 | 347 | 2 | 0 | 0 | 66 |
| 3E-674 | 0 | 0 | 17 | 26 | 62 | 517 | 3 | 0 | 0 | 38 |
| 3E-675 | 0 | 0 | 17 | 22 | 43 | 705 | 3 | 0 | 0 | 42 |
| 3E-676 | 0 | 0 | 15 | 25 | 47 | 555 | 1 | 0 | 0 | 34 |
| 3E-677 | 0 | 0 | 12 | 18 | 34 | 562 | 4 | 0 | 0 | 36 |
| 3E-678 | 0 | 0 | 33 | 40 | 73 | 2870 | 4 | 0 | 0 | 52 |
| 3E-679 | 0 | 0 | 37 | 28 | 54 | 617 | 7 | 0 | 0 | 30 |
| 3E-680 | 0 | 0 | 21 | 37 | 59 | 1370 | 5 | 0 | 0 | 100 |
| 3E-681 | 0 | 0 | 22 | 52 | 72 | 926 | 6 | 0 | 0 | 55 |
| 3E-682 | 0 | 0 | 30 | 27 | 94 | 699 | 2 | 0 | 0 | 50 |
| 3E-683 | 0 | 0 | 32 | 30 | 94 | 628 | 3 | 0 | 0 | 39 |
| 3E-684 | 0 | 0 | 10 | 18 | 32 | 430 | 1 | 0 | 0 | 18 |
| 3E-685 | 0 | 0 | 9 | 19 | 27 | 324 | 1 | 0 | 0 | 31 |
| 3E-686 | 0 | 0 | 12 | 22 | 46 | 478 | 1 | 0 | 0 | 29 |
| 3E-687 | 0 | 0 | 9 | 17 | 17 | 232 | 0 | 0 | 0 | 9 |
| 3E-688 | 0 | 0 | 11 | 20 | 32 | 303 | 2 | 0 | 0 | 26 |
| 3E-689 | .1 | 0 | 3 | 14 | 16 | 346 | 0 | 0 | 0 | 17 |
| 3E-690 | 0 | 0 | 5 | 16 | 20 | 252 | 1 | 0 | 0 | 14 |
| 3E-691 | 0 | 0 | 13 | 17 | 34 | 380 | 4 | 0 | 0 | 43 |
| 3E-692 | 0 | 0 | 7 | 27 | 21 | 665 | 4 | 0 | 0 | 49 |
| 3E-693 | 0 | 0 | 19 | 22 | 27 | 294 | 2 | 0 | 0 | 34 |
| 3E-694 | 0 | 0 | 17 | 21 | 38 | 422 | 5 | 0 | 0 | 44 |
| 3E-695 | 0 | 0 | 11 | 15 | 20 | 410 | 4 | 0 | 0 | 43 |
| 3E-696 | 0 | 0 | 9 | 12 | 15 | 271 | 3 | 0 | 0 | 15 |
| 3E-697 | 0 | 0 | 17 | 22 | 40 | 539 | 2 | 0 | 0 | 47 |
| 3E-698 | 0 | 0 | 15 | 23 | 32 | 395 | 0 | 0 | 0 | 33 |
| 3E-699 | 0 | 0 | 15 | 20 | 29 | 639 | 0 | 0 | 0 | 27 |
| 3E-700 | 0 | 0 | 17 | 24 | 59 | 575 | 3 | 0 | 0 | 32 |
| 3E-701 | 0 | 0 | 15 | 22 | 27 | 439 | 2 | 0 | 0 | 26 |
| 3E-702 | 0 | 0 | 22 | 26 | 83 | 503 | 5 | 0 | 0 | 37 |
| 3E-703 | 0 | 0 | 21 | 23 | 51 | 557 | 6 | 0 | 0 | 81 |
| 3E-704 | 0 | 0 | 26 | 30 | 75 | 1030 | 7 | 3 | 0 | 80 |
| 3E-705 | 0 | 0 | 11 | 18 | 29 | 552 | 4 | 0 | 0 | 35 |
| 3E-706 | 0 | 0 | 21 | 24 | 39 | 1040 | 5 | 0 | 0 | 78 |
| 3E-707 | 0 | 0 | 21 | 18 | 43 | 523 | 7 | 11 | 0 | 64 |
| 3E-708 | 0 | 0 | 20 | 20 | 31 | 424 | 7 | 19 | 0 | 64 |
| 3E-709 | 0 | 0 | 4 | 11 | 8 | 234 | 2 | 0 | 0 | 15 |
| 3E-710 | 0 | 0 | 15 | 29 | 84 | 1170 | 4 | 0 | 0 | 49 |
| 3E-711 | 0 | 0 | 12 | 28 | 48 | 706 | 8 | 5 | 0 | 74 |
| 3E-712 | 0 | 0 | 21 | 28 | 83 | 689 | 3 | 0 | 0 | 76 |
| 3E-713 | 0 | 0 | 16 | 26 | 71 | 987 | 4 | 0 | 0 | 53 |
| 3E-714 | 0 | 0 | 24 | 34 | 57 | 864 | 5 | 0 | 0 | 76 |
| 3E-715 | 0 | 0 | 25 | 37 | 49 | 1300 | 5 | 0 | 0 | 61 |
| 3E-716 | 0 | 0 | 16 | 25 | 52 | 652 | 5 | 0 | 0 | 61 |
| 3E-717 | 0 | 0 | 22 | 29 | 55 | 792 | 5 | 0 | 0 | 102 |
| 3E-718 | 0 | 0 | 19 | 29 | 62 | 725 | 5 | 0 | 0 | 93 |
| 3E-719 | 0 | 0 | 2 | 10 | 8 | 218 | 4 | 20 | 3 | 21 |
| 3E-720 | 0 | 5 | 8 | 14 | 21 | 271 | 6 | 20 | 4 | 65 |

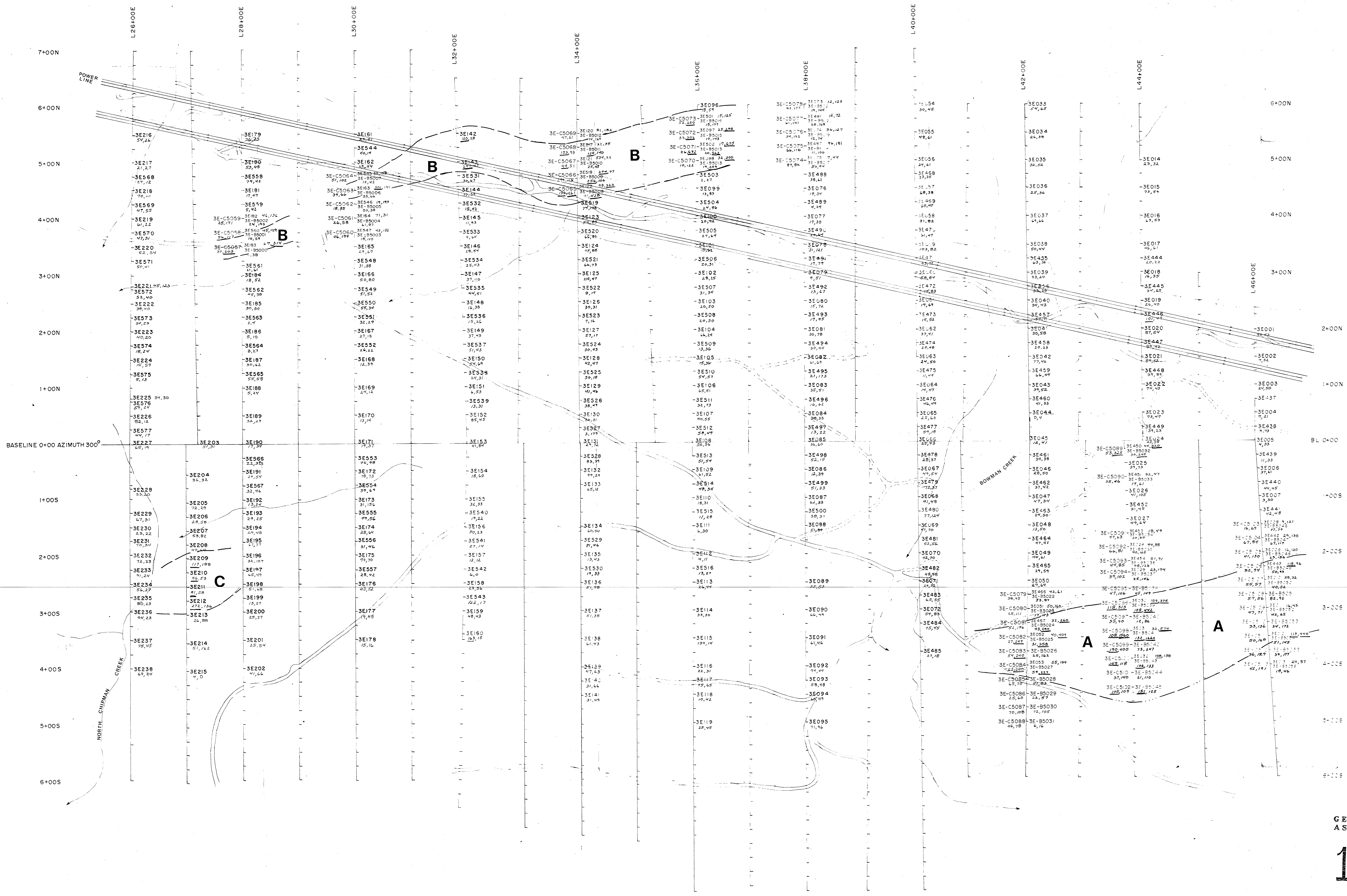
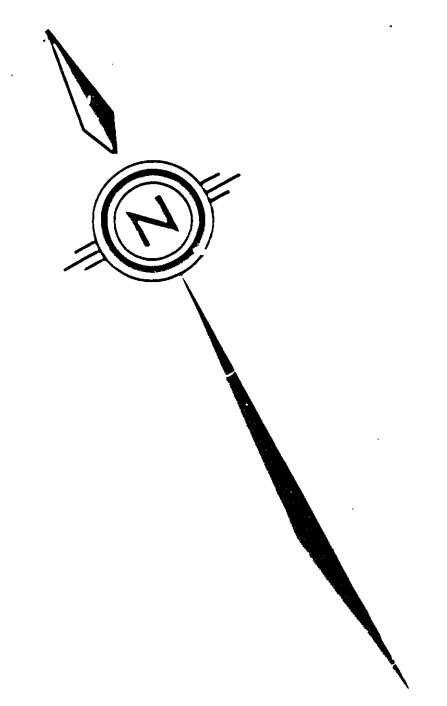
| REPORT VALUE IN PPM | AR | AS | B | CO | CU | MA | MO | FB | SB | ZN |
|---------------------|----|----|----|----|----|------|----|----|----|----|
| 3E-721 | 0 | 0 | 19 | 26 | 50 | 504 | 4 | 0 | 0 | 69 |
| 3E-722 | 0 | 0 | 14 | 20 | 29 | 400 | 3 | 0 | 0 | 35 |
| 3E-723 | 0 | 0 | 13 | 21 | 28 | 632 | 3 | 0 | 0 | 57 |
| 3E-724 | 0 | 0 | 16 | 21 | 42 | 495 | 4 | 0 | 0 | 59 |
| 3E-725 | 0 | 0 | 20 | 20 | 65 | 615 | 7 | 16 | 0 | 52 |
| 3E-726 | .1 | 0 | 11 | 19 | 29 | 599 | 3 | 0 | 0 | 34 |
| 3E-727 | 0 | 0 | 16 | 32 | 61 | 720 | 2 | 0 | 0 | 70 |
| 3E-728 | 0 | 4 | 3 | 6 | 4 | 103 | 4 | 13 | 6 | 21 |
| 3E-729 | 0 | 0 | 15 | 23 | 40 | 386 | 5 | 0 | 0 | 34 |
| 3E-730 | 0 | 0 | 8 | 13 | 17 | 202 | 2 | 0 | 0 | 11 |
| 3E-731 | 0 | 0 | 10 | 16 | 26 | 279 | 1 | 0 | 0 | 21 |
| 3E-732 | 0 | 0 | 15 | 23 | 30 | 587 | 5 | 0 | 0 | 39 |
| 3E-733 | 0 | 0 | 6 | 14 | 9 | 235 | 2 | 0 | 0 | 12 |
| 3E-734 | 0 | 0 | 20 | 25 | 59 | 632 | 5 | 0 | 0 | 51 |
| 3E-735 | 0 | 0 | 9 | 20 | 17 | 636 | 4 | 2 | 0 | 24 |
| 3E-736 | 0 | 0 | 24 | 25 | 88 | 437 | 7 | 0 | 0 | 39 |
| 3E-737 | 0 | 0 | 12 | 26 | 61 | 414 | 3 | 0 | 0 | 39 |
| 3E-738 | 0 | 0 | 18 | 21 | 33 | 268 | 2 | 0 | 0 | 26 |
| 3E-739 | 0 | 0 | 21 | 18 | 29 | 155 | 3 | 0 | 0 | 28 |
| 3E-740 | 0 | 0 | 17 | 18 | 30 | 211 | 0 | 0 | 0 | 23 |
| 3E-741 | 0 | 0 | 20 | 19 | 51 | 280 | 5 | 0 | 0 | 41 |
| 3E-742 | 0 | 0 | 19 | 21 | 52 | 315 | 1 | 0 | 0 | 13 |
| 3E-743 | 0 | 0 | 12 | 19 | 66 | 350 | 3 | 0 | 0 | 32 |
| 3E-744 | 0 | 0 | 16 | 19 | 51 | 329 | 6 | 0 | 0 | 26 |
| 3E-745 | 0 | 0 | 18 | 20 | 45 | 316 | 5 | 0 | 0 | 46 |
| 3E-746 | 0 | 0 | 24 | 26 | 59 | 648 | 5 | 0 | 0 | 68 |
| 3E-747 | 0 | 0 | 24 | 22 | 69 | 640 | 7 | 7 | 0 | 54 |
| 3E-748 | 0 | 0 | 7 | 20 | 19 | 797 | 5 | 0 | 0 | 28 |
| 3E-749 | 0 | 0 | 20 | 24 | 72 | 394 | 4 | 0 | 0 | 29 |
| 3E-750 | 0 | 0 | 12 | 27 | 65 | 443 | 5 | 0 | 0 | 39 |
| 3E751 | 0 | 0 | 15 | 19 | 30 | 254 | 3 | 0 | 0 | 23 |
| 3E752 | 0 | 0 | 19 | 19 | 23 | 177 | 2 | 0 | 0 | 20 |
| 3E753 | 0 | 0 | 8 | 13 | 14 | 196 | 1 | 0 | 0 | 10 |
| 3E754 | 0 | 0 | 23 | 21 | 54 | 325 | 4 | 0 | 0 | 32 |
| 3E755 | 0 | 0 | 14 | 16 | 37 | 271 | 1 | 0 | 0 | 2 |
| 3E756 | 0 | 0 | 19 | 20 | 65 | 331 | 1 | 0 | 0 | 25 |
| 3E757 | 0 | 0 | 18 | 22 | 50 | 326 | 1 | 0 | 0 | 19 |
| 3E758 | 0 | 0 | 20 | 22 | 49 | 313 | 4 | 0 | 0 | 44 |
| 3E759 | 0 | 0 | 16 | 22 | 44 | 447 | 5 | 0 | 0 | 46 |
| 3E760 | 0 | 0 | 21 | 18 | 54 | 315 | 5 | 0 | 0 | 23 |
| 3E761 | 0 | 0 | 16 | 22 | 43 | 460 | 2 | 0 | 0 | 36 |
| 3E762 | 0 | 0 | 27 | 28 | 65 | 582 | 0 | 0 | 0 | 43 |
| 3E763 | 0 | 0 | 13 | 50 | 36 | 1250 | 1 | 0 | 0 | 52 |
| 3E764 | 0 | 0 | 23 | 37 | 78 | 1140 | 6 | 2 | 0 | 61 |
| 3E765 | 0 | 0 | 15 | 19 | 24 | 319 | 1 | 0 | 0 | 25 |
| 3E766 | 0 | 0 | 11 | 18 | 20 | 217 | 0 | 0 | 0 | 8 |
| 3E767 | 0 | 0 | 24 | 25 | 52 | 398 | 3 | 0 | 0 | 77 |
| 3E768 | 0 | 0 | 21 | 30 | 68 | 628 | 5 | 0 | 0 | 25 |
| 3BE-1+855 | 0 | 0 | 18 | 22 | 55 | 533 | 2 | 0 | 0 | 38 |

COMPANY: ESSO MINERALS
PROJECT No: CHEMAGNUS 2130/ICF-S
ATTENTION: C. EVERETT

MIN-EN LABS ICP REPORT
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)980-4524

(ACT:6203) PAGE 1 OF 1
FILE No: 3-382/8/PA
DATE: JUNE 22, 1983

| (REPORT VALUES IN PPM) | AG | AS | B | CO | CU | MN | MO | PB | SB | ZN |
|------------------------|----|----|----|----|-----|------|----|----|----|----|
| 3E4000 | .1 | 0 | 21 | 30 | 81 | 1470 | 4 | 0 | 0 | 0 |
| 3E4001 | 0 | 0 | 21 | 35 | 61 | 792 | 4 | 0 | 0 | 0 |
| 3E4002 | 0 | 0 | 20 | 27 | 83 | 845 | 4 | 0 | 0 | 0 |
| 3E4003 | 0 | 0 | 26 | 35 | 112 | 1000 | 2 | 0 | 0 | 0 |
| 3E4004 | 0 | 0 | 24 | 32 | 80 | 952 | 3 | 0 | 0 | 0 |
| 3E4005 | 0 | 0 | 12 | 23 | 54 | 1040 | 3 | 0 | 0 | 0 |
| 3E4006 | 0 | 0 | 14 | 28 | 76 | 747 | 5 | 1 | 0 | 0 |
| 3E4007 | 0 | 0 | 7 | 17 | 38 | 1620 | 5 | 21 | 2 | 38 |
| 3E4008 | 0 | 0 | 13 | 22 | 48 | 1050 | 5 | 10 | 0 | 0 |
| 3E4009 | 0 | 0 | 18 | 28 | 66 | 907 | 5 | 0 | 0 | 0 |
| 3E4010 | 0 | 0 | 13 | 26 | 72 | 439 | 6 | 0 | 0 | 0 |
| 3E4011 | 0 | 0 | 17 | 35 | 49 | 1150 | 5 | 0 | 0 | 0 |
| 3E4012 | 0 | 0 | 22 | 39 | 60 | 1530 | 6 | 0 | 0 | 0 |
| 3E4013 | 0 | 0 | 20 | 30 | 48 | 827 | 5 | 2 | 0 | 0 |
| 3E4014 | 0 | 0 | 16 | 33 | 48 | 757 | 5 | 0 | 0 | 0 |
| 3E4015 | 0 | 0 | 21 | 36 | 70 | 972 | 6 | 6 | 0 | 9 |
| 3E4016 | 0 | 0 | 16 | 30 | 49 | 806 | 3 | 0 | 0 | 7 |
| 3E4017 | .4 | 0 | 14 | 28 | 48 | 835 | 3 | 0 | 0 | 3 |
| 3E4018 | 0 | 0 | 18 | 27 | 53 | 690 | 1 | 0 | 0 | 0 |
| 3E4019 | 0 | 0 | 25 | 37 | 65 | 915 | 3 | 0 | 0 | 0 |
| 3E4020 | .3 | 0 | 20 | 37 | 56 | 2150 | 2 | 0 | 0 | 0 |
| 3E4021 | 0 | 0 | 25 | 47 | 71 | 1300 | 3 | 0 | 0 | 2 |
| 3E4022 | .5 | 0 | 23 | 30 | 58 | 2940 | 3 | 0 | 0 | 7 |
| 3E4023 | 0 | 0 | 20 | 34 | 62 | 988 | 5 | 0 | 0 | 0 |
| 3E4024 | 0 | 0 | 17 | 31 | 58 | 1060 | 3 | 0 | 0 | 0 |
| 3E4025 | 0 | 0 | 18 | 31 | 62 | 1410 | 4 | 0 | 0 | 6 |
| 3E4026 | .4 | 0 | 19 | 40 | 63 | 2430 | 5 | 0 | 0 | 4 |



| | |
|----------------------|--------------------|
| AA ANALYSIS | ICP ANALYSIS |
| (C Horizon) 3E-C5103 | 3E006 (B Horizon) |
| 16 | 9 |
| Cu (ppm), Zn (ppm) | Cu (ppm), Zn (ppm) |
| 17 | 19 |
| Cu (ppm), Zn (ppm) | Cu (ppm), Zn (ppm) |
| | |
| | AA ANALYSIS |

GEOLOGICAL BRANCH
ASSESSMENT REPORT

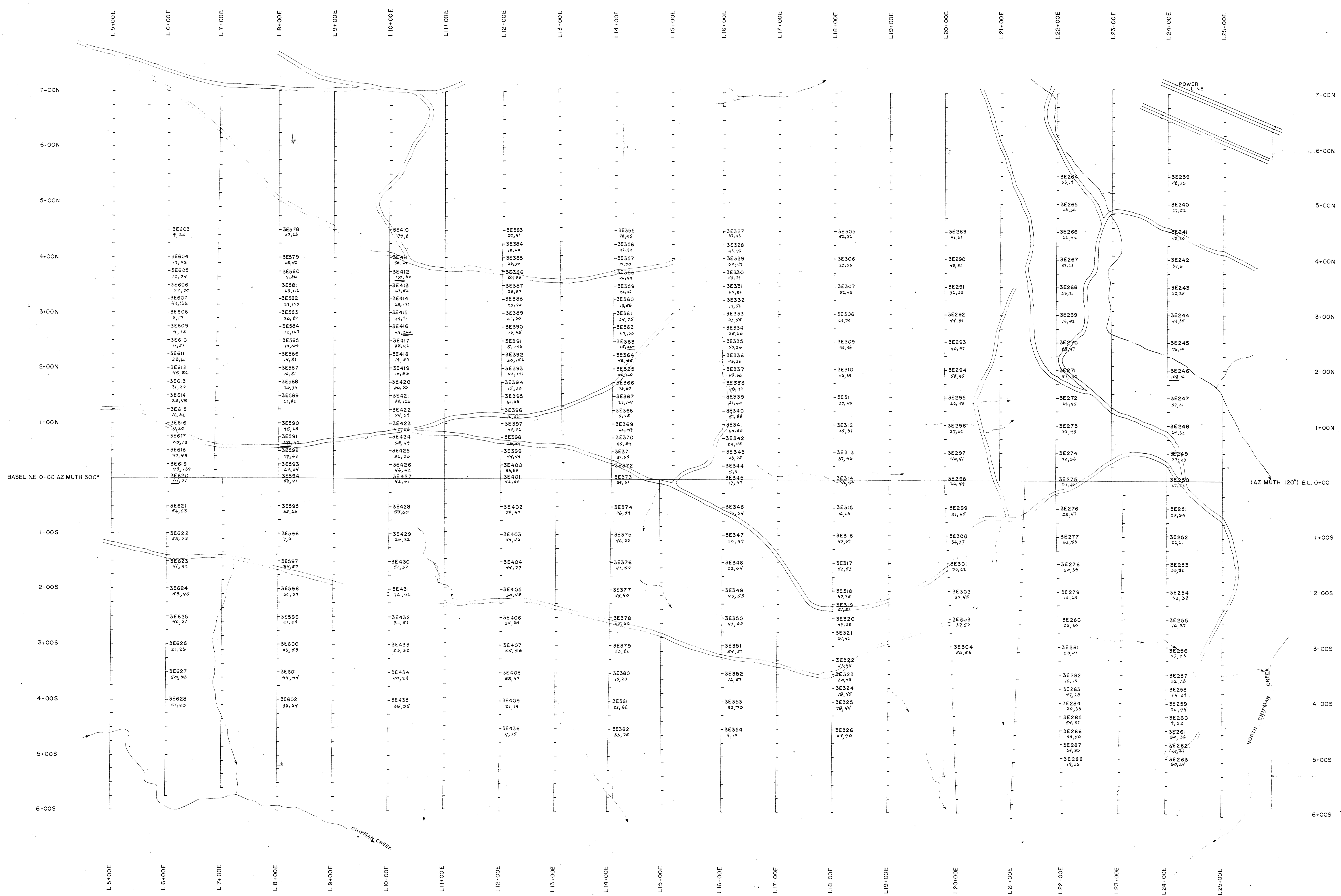
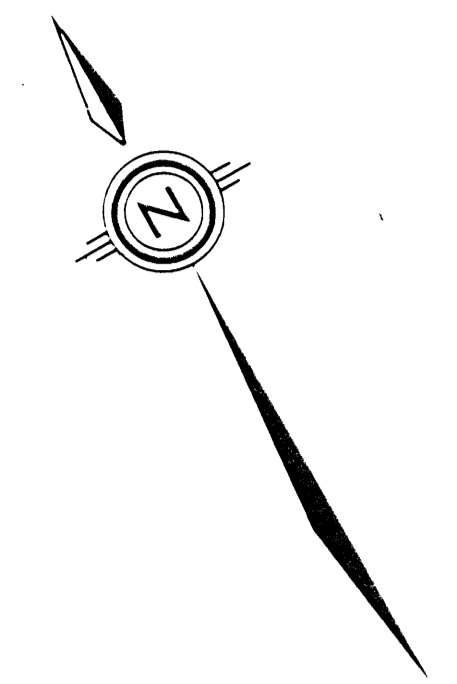
11,345

SCALE 1:2500
200 Meters

ESSO MINERALS CANADA

CHEMAINUS PROJECT - 2130
SOIL GEOCHEMISTRY
EAST-2
Cu(ppm), Zn(ppm)

Project: 2130 Mining Division: NANAIMO
Date: 9/28/04, 9/29/04 Drawn By: RB
Sheet: 983 Map No. 1



SCP Analysis
 -3E581 (B Horizon)
 28
 Cu(ppm) Zn(ppm)

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

11,345

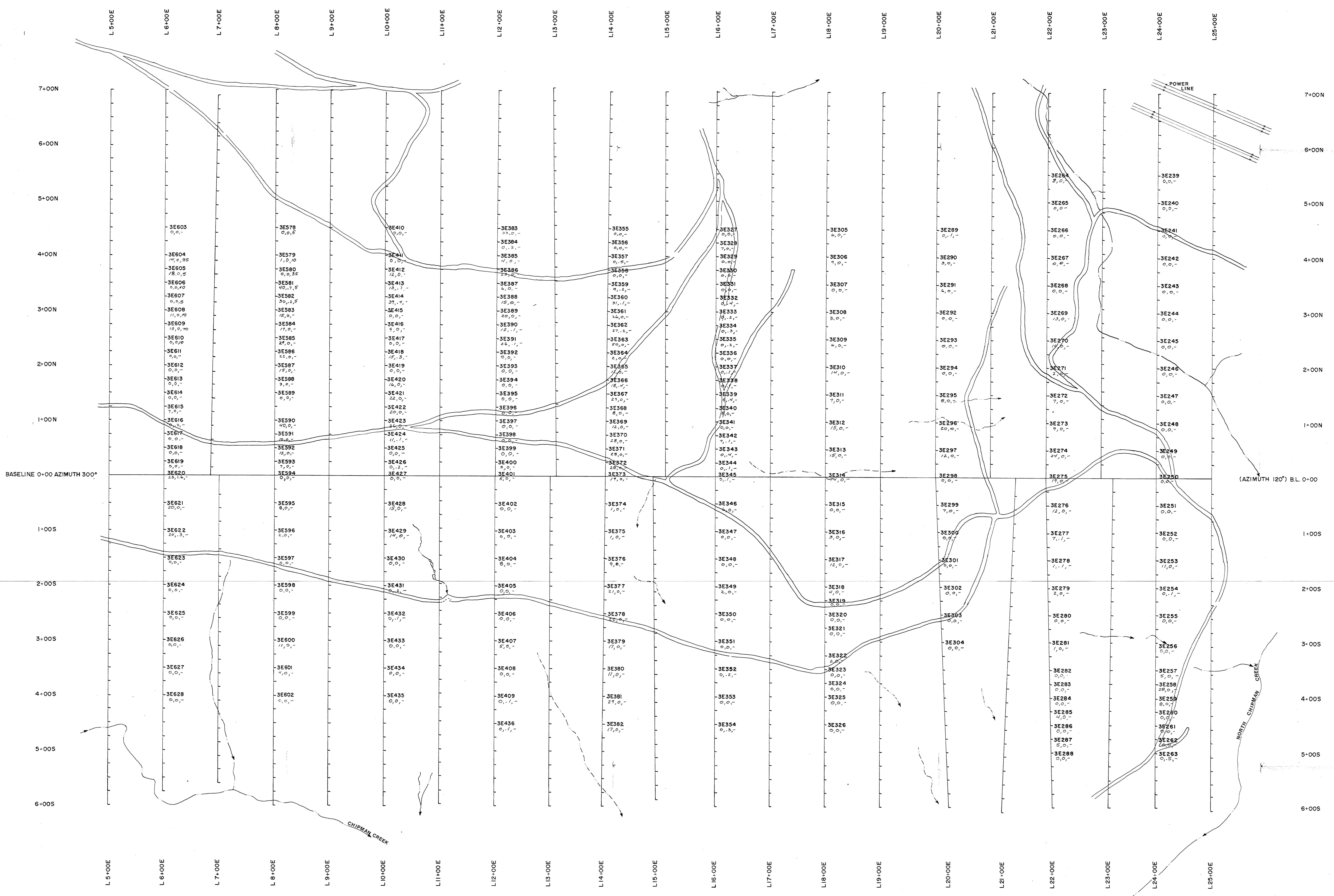
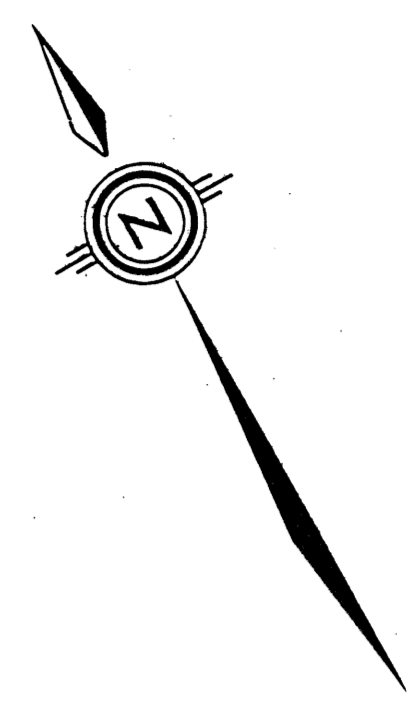
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 0 100 200 Meters

ESSO MINERALS CANADA

CHÉMAINUS PROJECT - 2130

SOIL GEOCHEMISTRY
 EAST-1
 Cu(ppm), Zn(ppm)

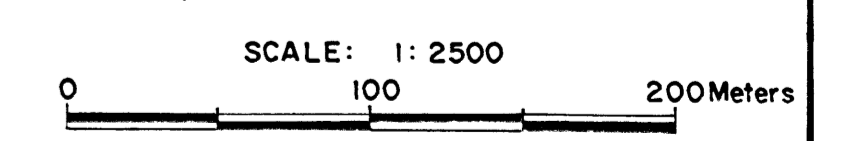
Project No. 2130 Mining Division NANAIMO
 NTS 82B/1201/226/126 Drawn By: RB
 Date: NOV/1983 Map No. 2



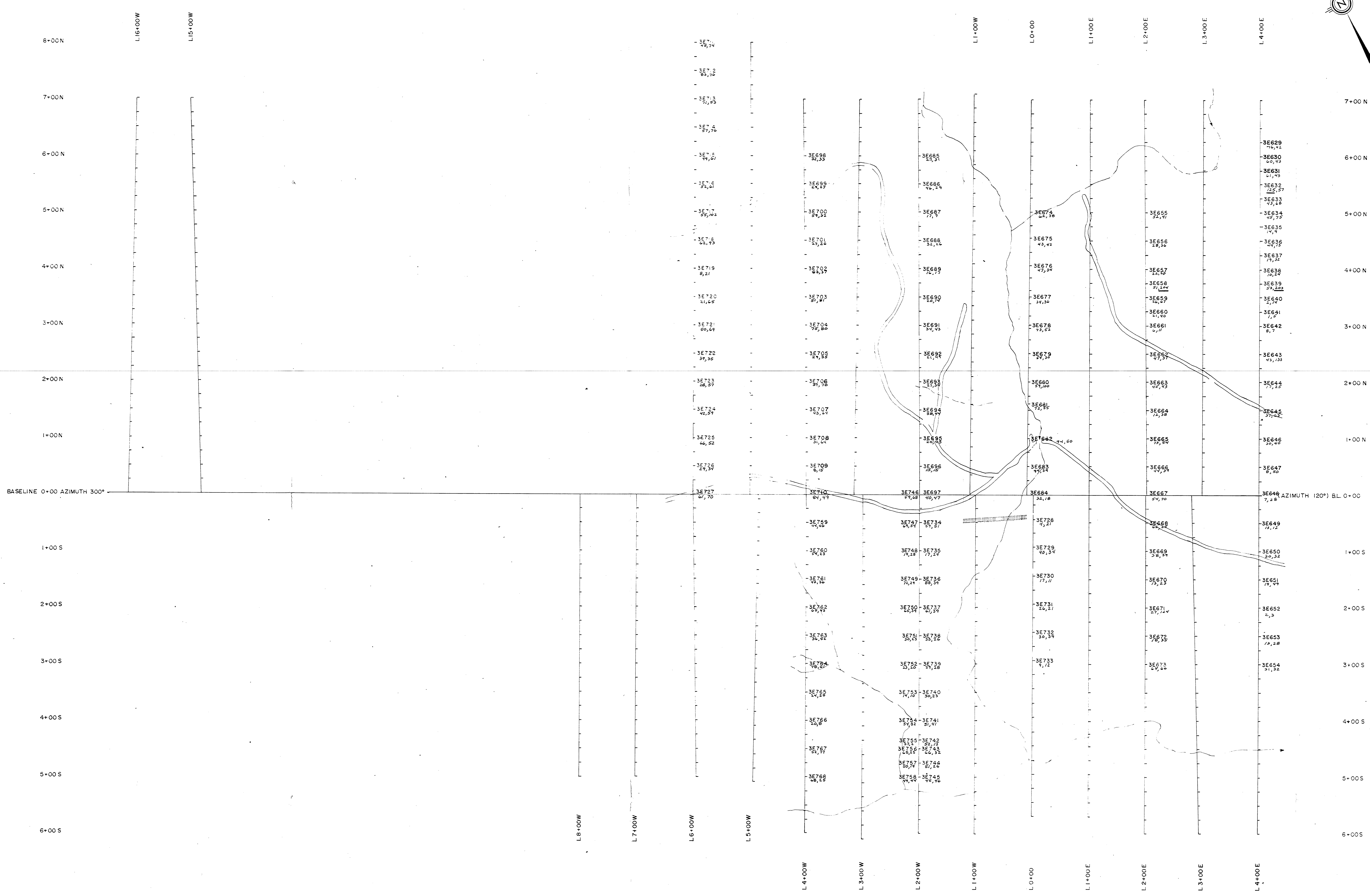
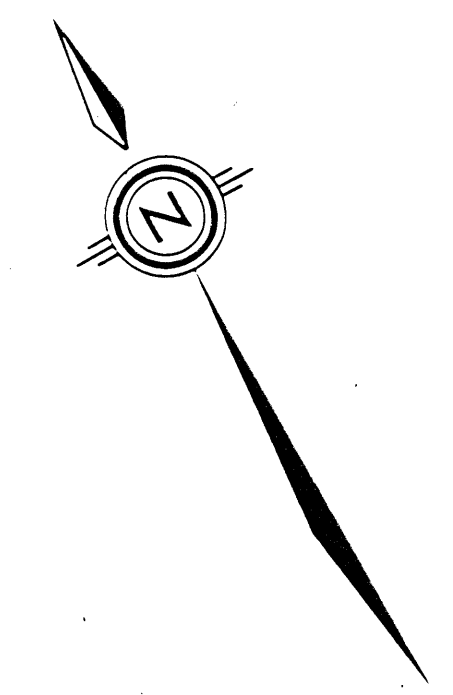
S.C.P. ANALYSIS
 3E581(B Horizon)
 40 .7 .5
 Pb(ppm), Ag(ppm), Au(ppb)

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

11,345



| | |
|-----------------------------|-------------------------|
| ESSO MINERALS CANADA | |
| CHEMAINUS PROJECT - 2130 | |
| SOIL GEOCHEMISTRY | |
| EAST-1 | |
| Pb(ppm), Ag(ppm), Au(ppb) | |
| Project No. 2130 | Mining Division NANAIMO |
| NTS 2:2500, 2:500, 2:1000 | Drawn By: RB |
| Date: NOV. 1983 | Map No. 4 |



| I.C.R. Analysis | | I.C.R. Analysis | |
|-------------------|----|-------------------|----|
| (C Horizon) 3E704 | | (B Horizon) 3E741 | |
| 54 | 32 | 51 | 41 |
| Cu(ppm), Zn(ppm) | | Cu(ppm), Zn(ppm) | |

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

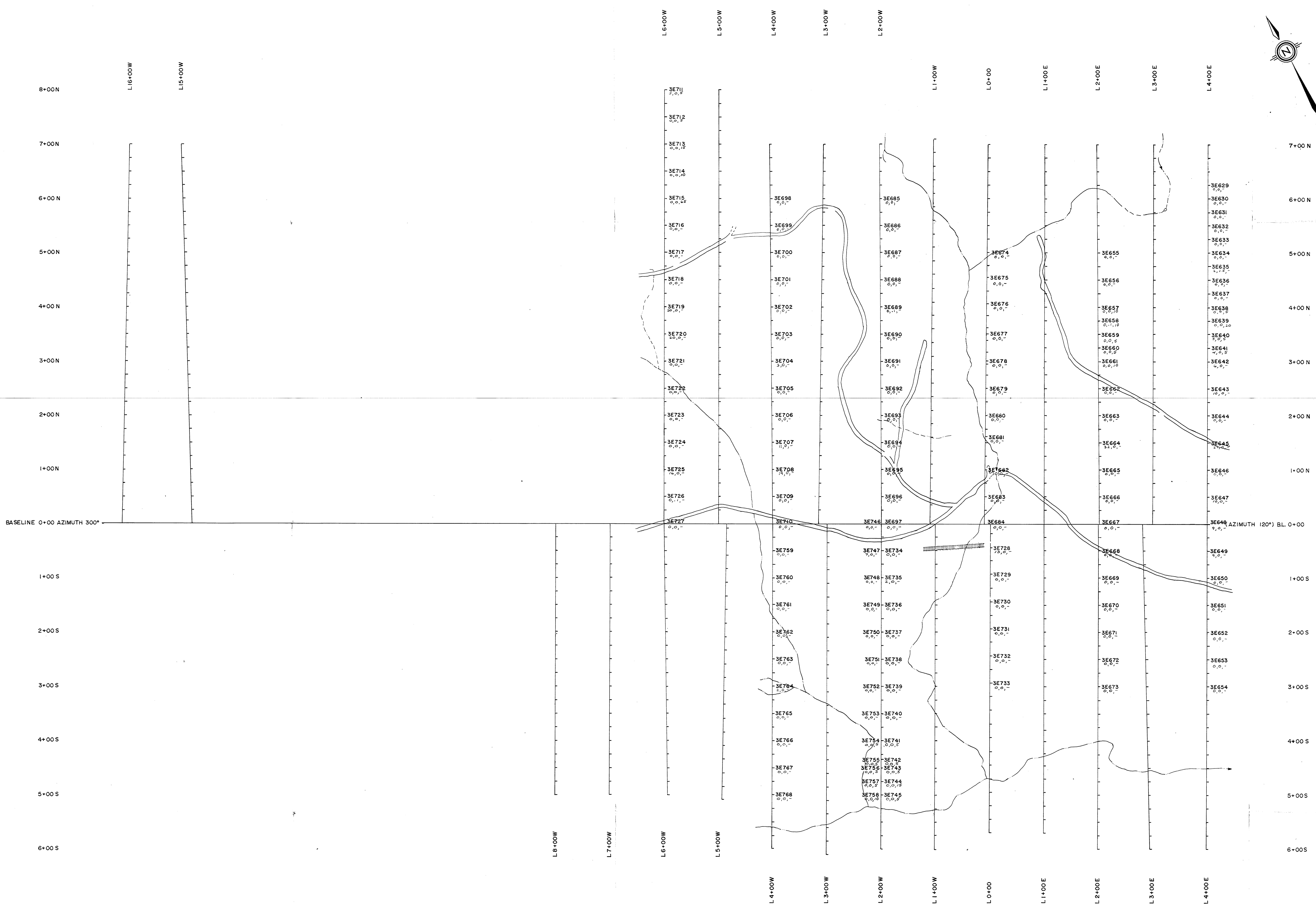
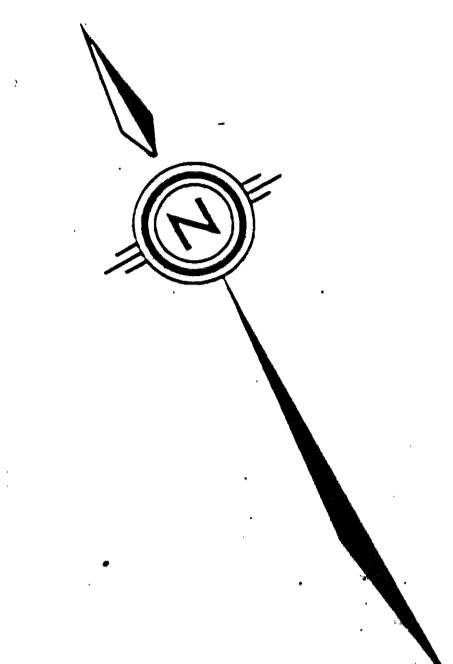
11,345

ESSO MINERALS CANADA

CHEMAINUS PROJECT - 2130

SOIL GEOCHEMISTRY
WEST-1 Cu(ppm), Zn(ppm)

Project No. 2130 Mining Division NANAIMO
 NTS 928/600/100/100 Drawn By RB
 Date NOV/1993 Map No. 5



ICP ANALYSIS ICP ANALYSIS
 (C Horizon) 3E754 - 3E741 (B Horizon)
 0, 0, 5 0, 0, 5
 Pb(ppm), Ag(ppm), Au(ppb) Pb(ppm), Ag(ppm), Au(ppb)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,345

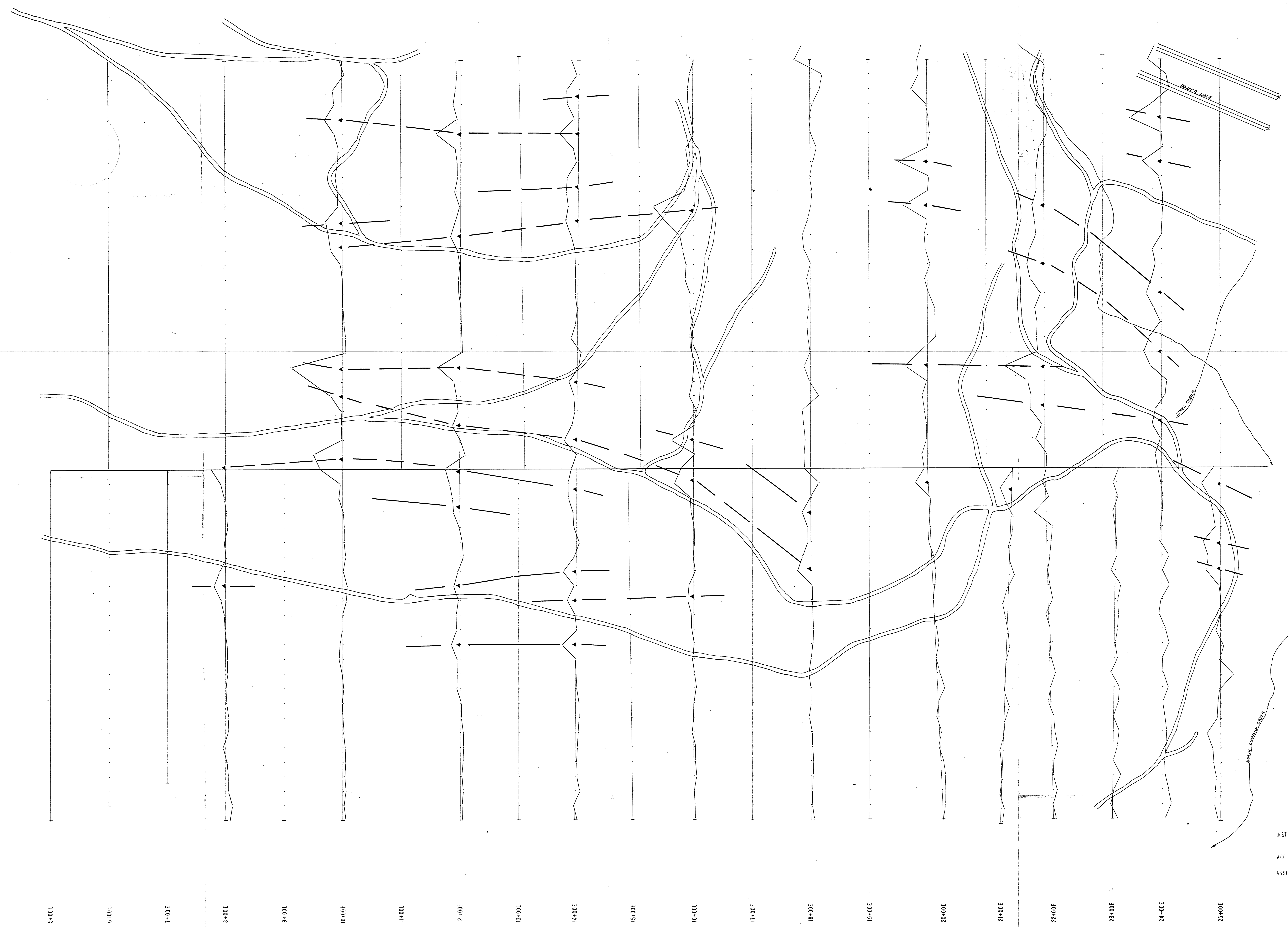
SCALE: 1:2500
0 100 200 Meters

ESSO MINERALS CANADA

CHEMAINUS PROJECT - 2130
SOIL GEOCHEMISTRY
WEST-1
Pb(ppm), Ag(ppm), Au(ppb)

| | |
|-----------------------|-------------------------|
| Project No. 2130 | Mining Division NANAIMO |
| NTS 92/8/001, REC/100 | Drawn By: RB |
| Date: NOV. 1983 | Map No. 4 |

7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
B/L 0+00 AT 300'
1+00S
2+00S
3+00S
4+00S
5+00S
6+00S

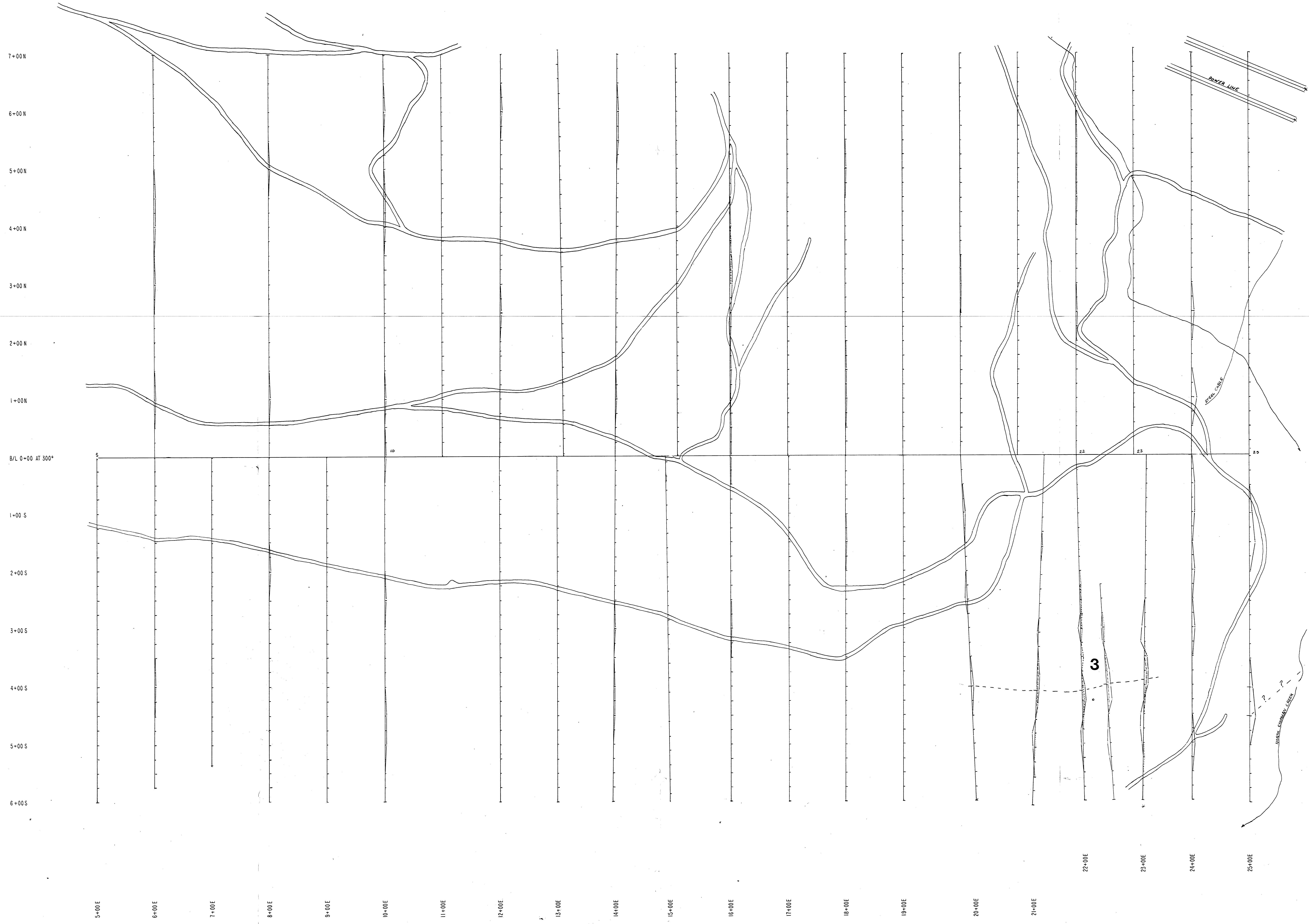


GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,345

INSTRUMENT: GEOMETRICS MODEL GBIS PROTON PRECESSION MAGNETOMETER
ACCURACY: ± 10 GAMMAS
ASSUMED MEAN GEOMAGNETIC FIELD STRENGTH IS... 56300 8
MAG PLOT SCALE
GAMMAS
+200 0 -200

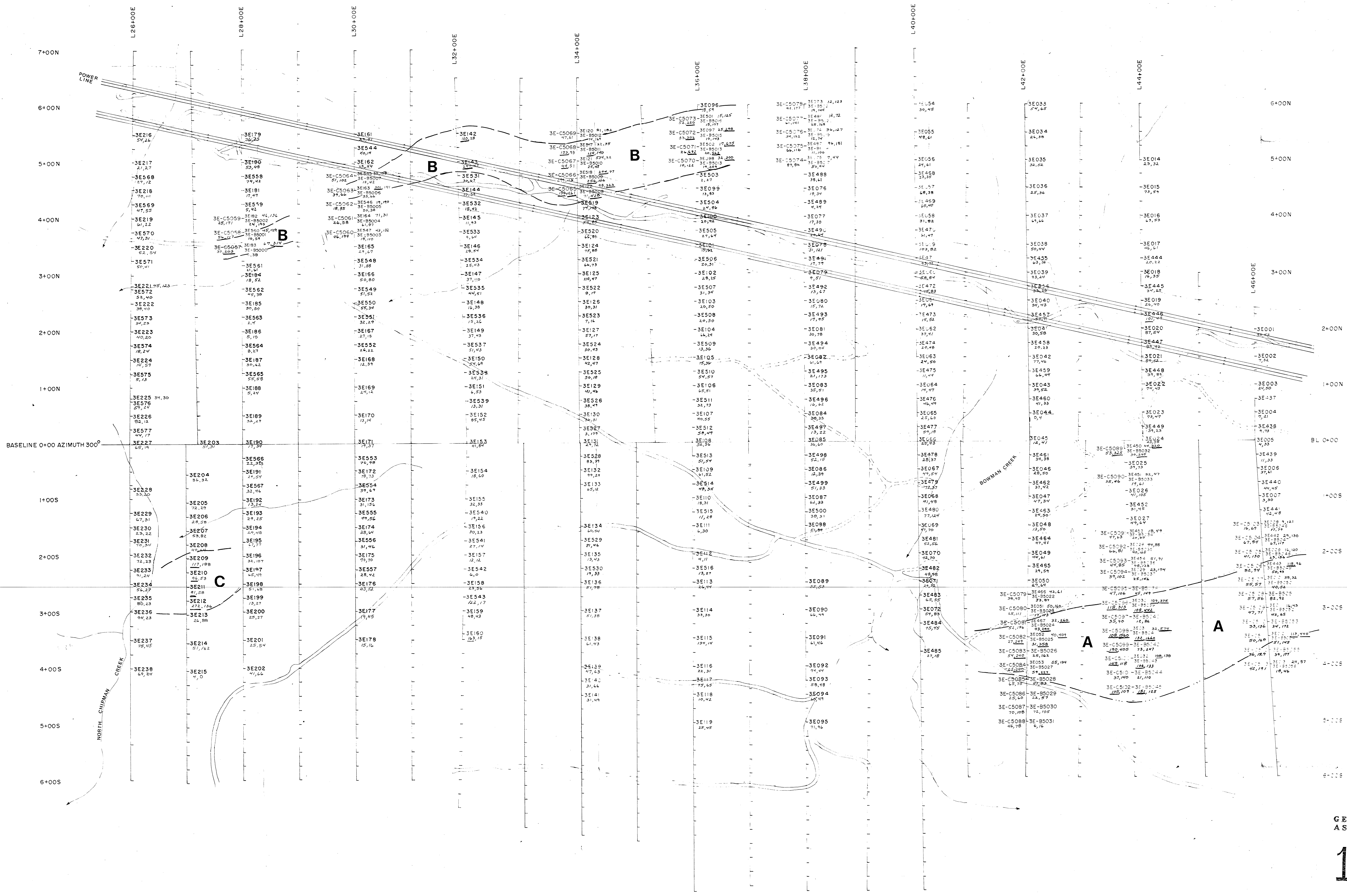
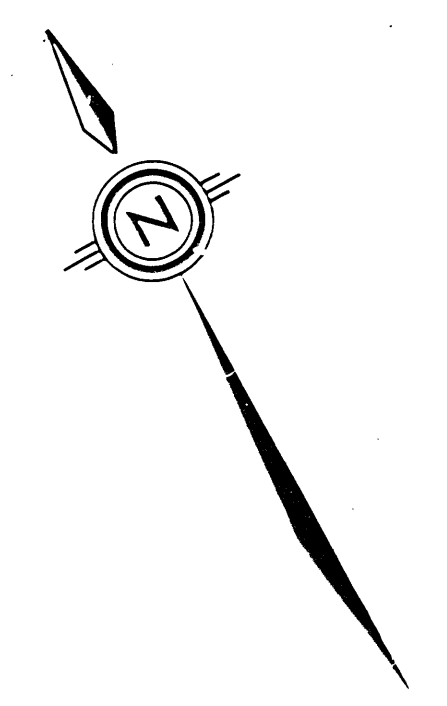
| | | |
|--|-------------------|-------------|
| ESSO MINERALS CANADA DIV. OF ESSO RESOURCES CANADA LIMITED | | |
| PROSPECT: CHEMAINUS GRID 1E | | |
| MAGNETOMETER SURVEY | | |
| ACCOUNT NO MA 30 | FILE NO 2130 | TORONTO |
| DRAWN BY: Z. DOBORZINSKI | DATE: MAY 1984 | NTS 92 8 |
| DWG. NO | MAP NO 10 | |
| SCALE 1:2500 0 100 M | | |
| To accompany Report by: G. EGGERT, G. CASAR Date: JANUARY, 1984 | | |



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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| | | |
|---|-------------------|------------------|
| ESKO MINERALS CANADA DIV. OF ESKO RESOURCES CANADA LIMITED | | |
| PROSPECT: CHEMAINUS GRID 1E | | |
| HLEM SURVEY | | |
| ACCOUNT NO MA 30 | FILE NO 2130 | TORONTO |
| DRAWN BY: Z. DOBORZYNSKI | DATE: Jan 1989 | NTS 92 B/2001 |
| DWG. NO | MAP NO 5 | |
| SCALE 1:2500 0 100 M | | |
| To Accompany & Report by: C. SICKERT, B. COLLIER Date: January, 1989 | | |



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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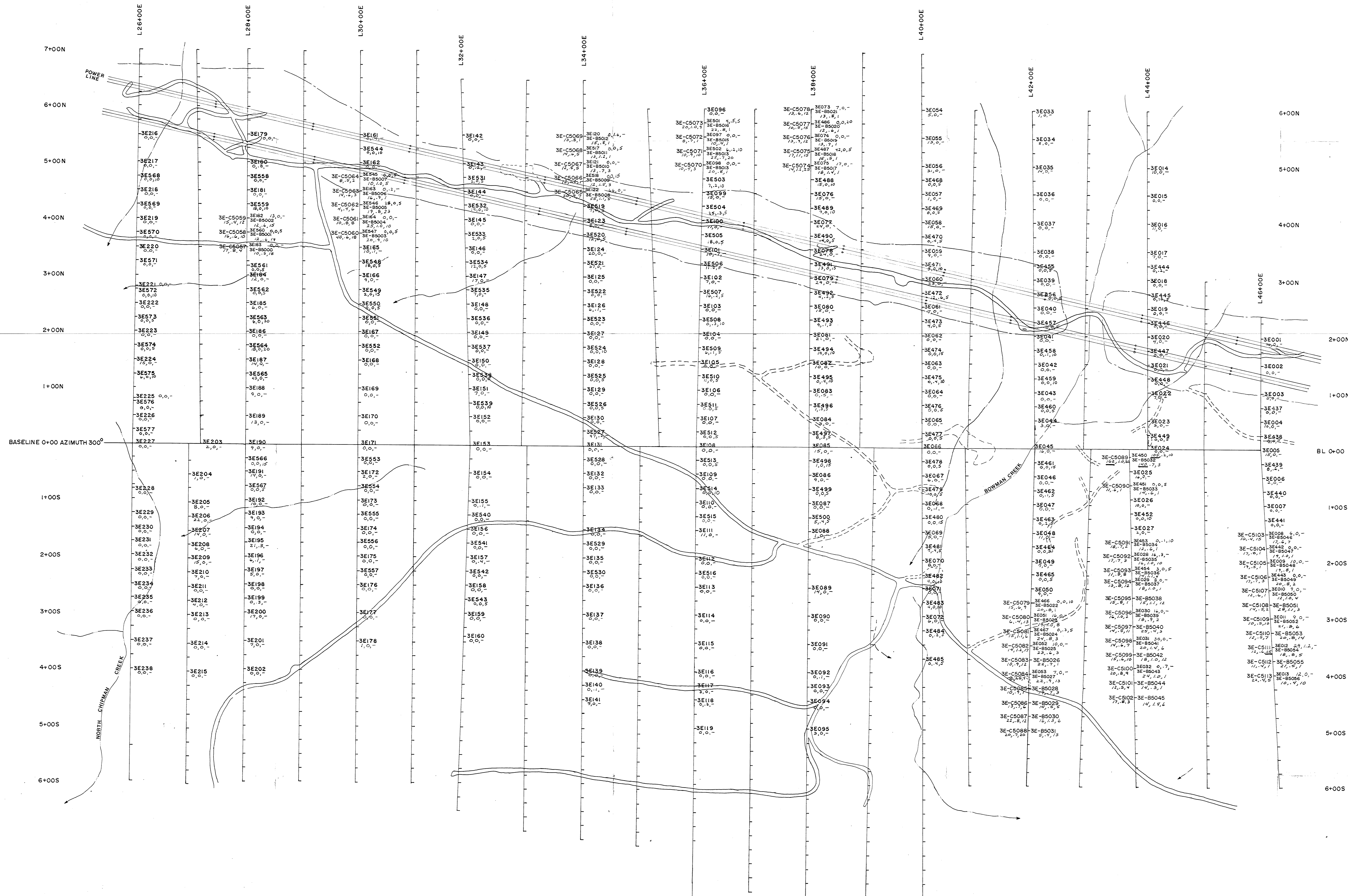
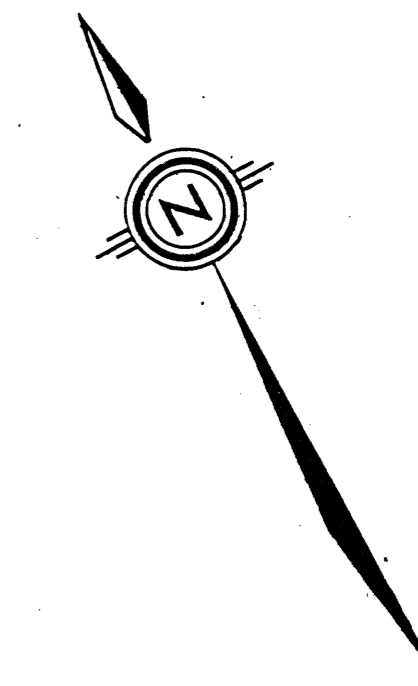
SCALE 1:2500
200 Meters

ESSO MINERALS CANADA

CHEMAINUS PROJECT - 2130
SOIL GEOCHEMISTRY
EAST-2
Cu(ppm), Zn(ppm)

Project: 2130 Mining Division: NANAIMO
Date: 9/28/04, 9/29/04 Drawn By: RB
Sheet: 983 Map No. 1

| Analysis | Horizon | Depth (m) | Cu (ppm) | Zn (ppm) |
|-------------|-------------------|-----------|----------|----------|
| AA ANALYSIS | 3E006 (B Horizon) | 9 | 121 | 121 |
| AA ANALYSIS | 3E006 (B Horizon) | 16 | 69 | 69 |
| AA ANALYSIS | 3E006 (B Horizon) | 17 | 79 | 79 |
| AA ANALYSIS | 3E006 (B Horizon) | 19 | 79 | 79 |



GEOLOGICAL BRANCH
ASSESSMENT REPORT

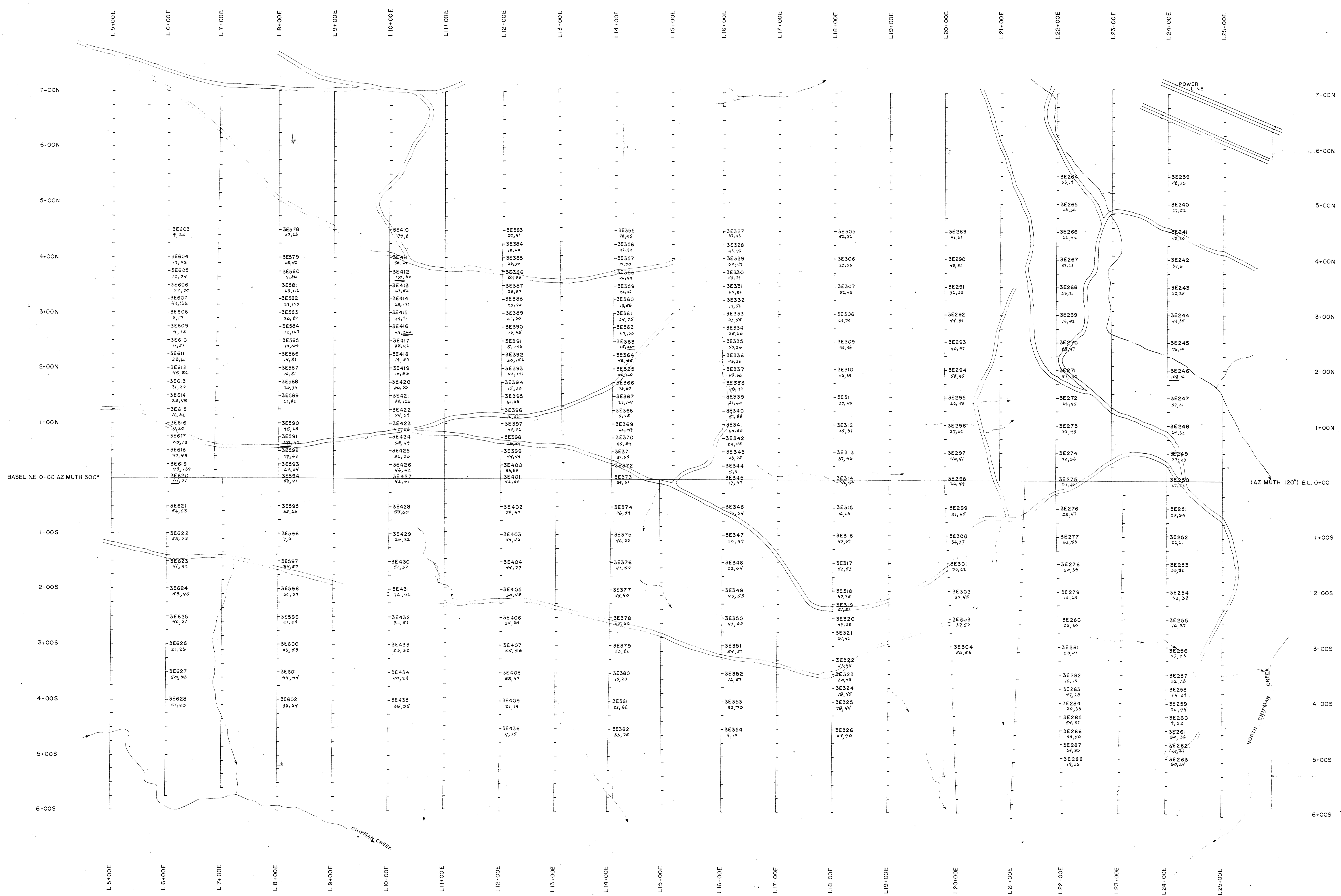
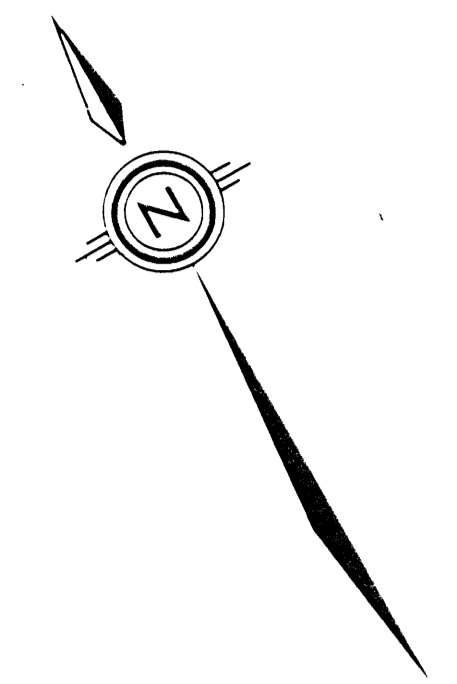
11,345

SCALE 1:2500
0 100 200 Meters

ESSO MINERALS CANADA

CHEMAINUS PROJECT - 2130
SOIL GEOCHEMISTRY
EAST-2
Pb(ppm), Ag(ppm), Au(ppb)

| | |
|----------------------|-------------------------|
| Project No. 2130 | Mining Division NANAIMO |
| NTS 720/100, 920/100 | Drawn By: RB |
| Date: NOV/1983 | Map No. 2 |



SCP Analysis
 -3E581 (B Horizon)
 28
 Cu(ppm) Zn(ppm)

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

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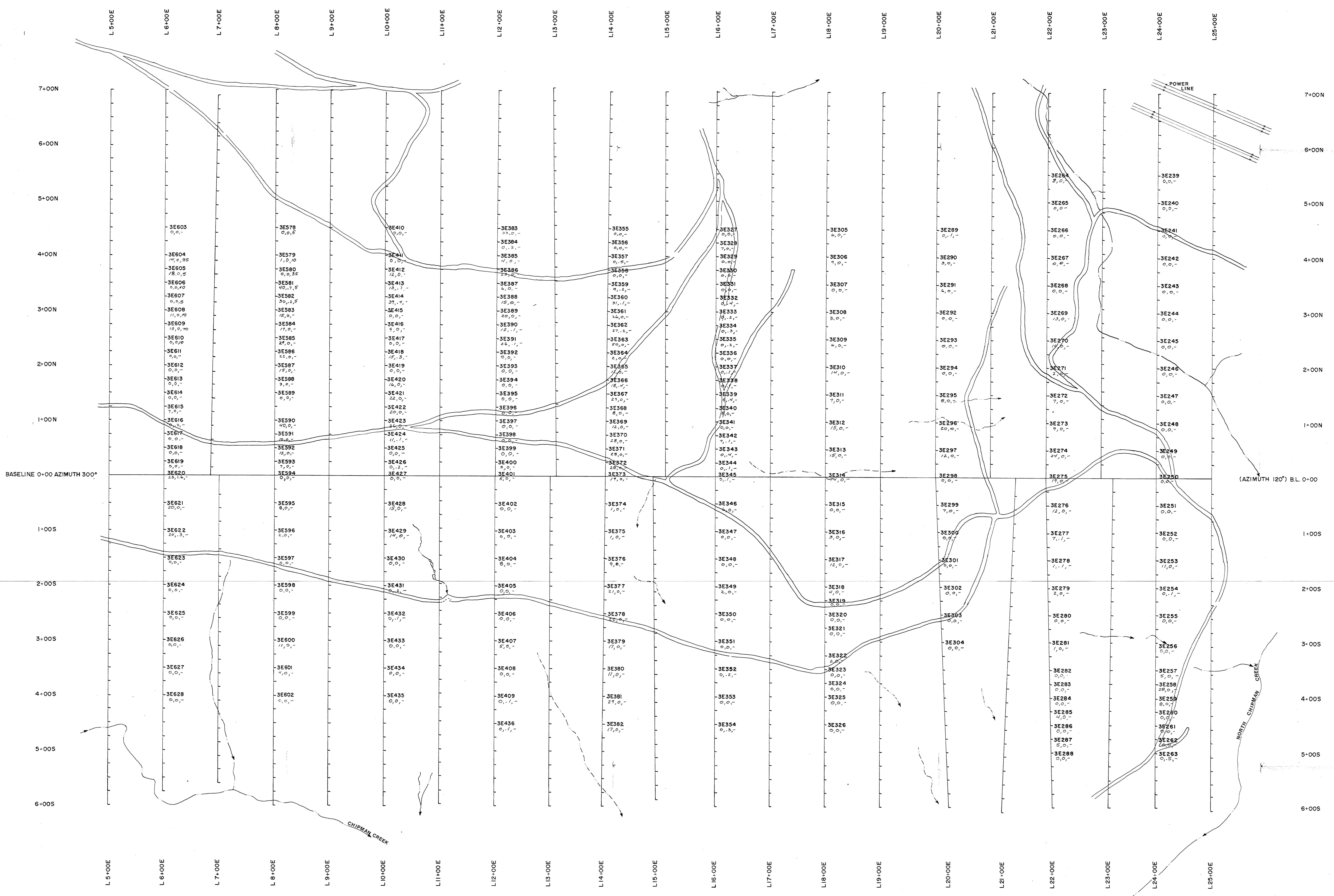
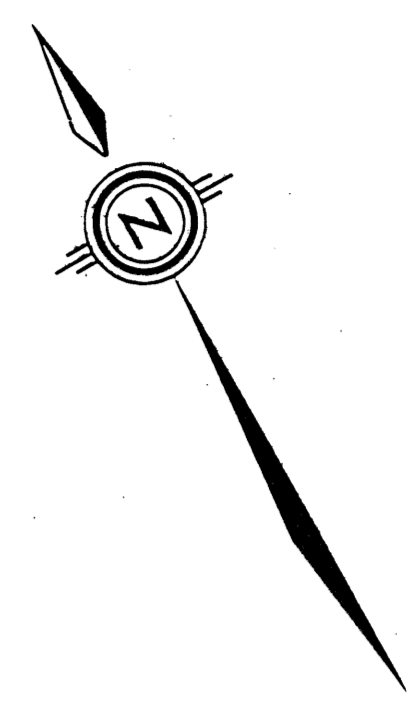
SCALE: 1:2500
 0 100 200 Meters

ESSO MINERALS CANADA

CHÉMAINUS PROJECT - 2130

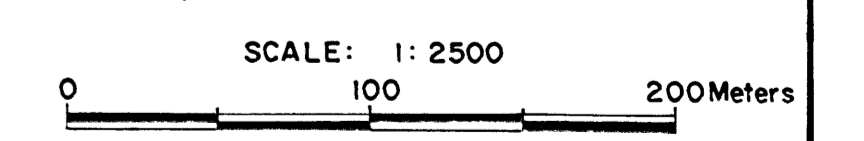
SOIL GEOCHEMISTRY
 EAST-1
 Cu(ppm), Zn(ppm)

Project No. 2130 Mining Division NANAIMO
 NTS 82B/1201/226/126 Drawn By: RB
 Date: NOV/1983 Map No. 2

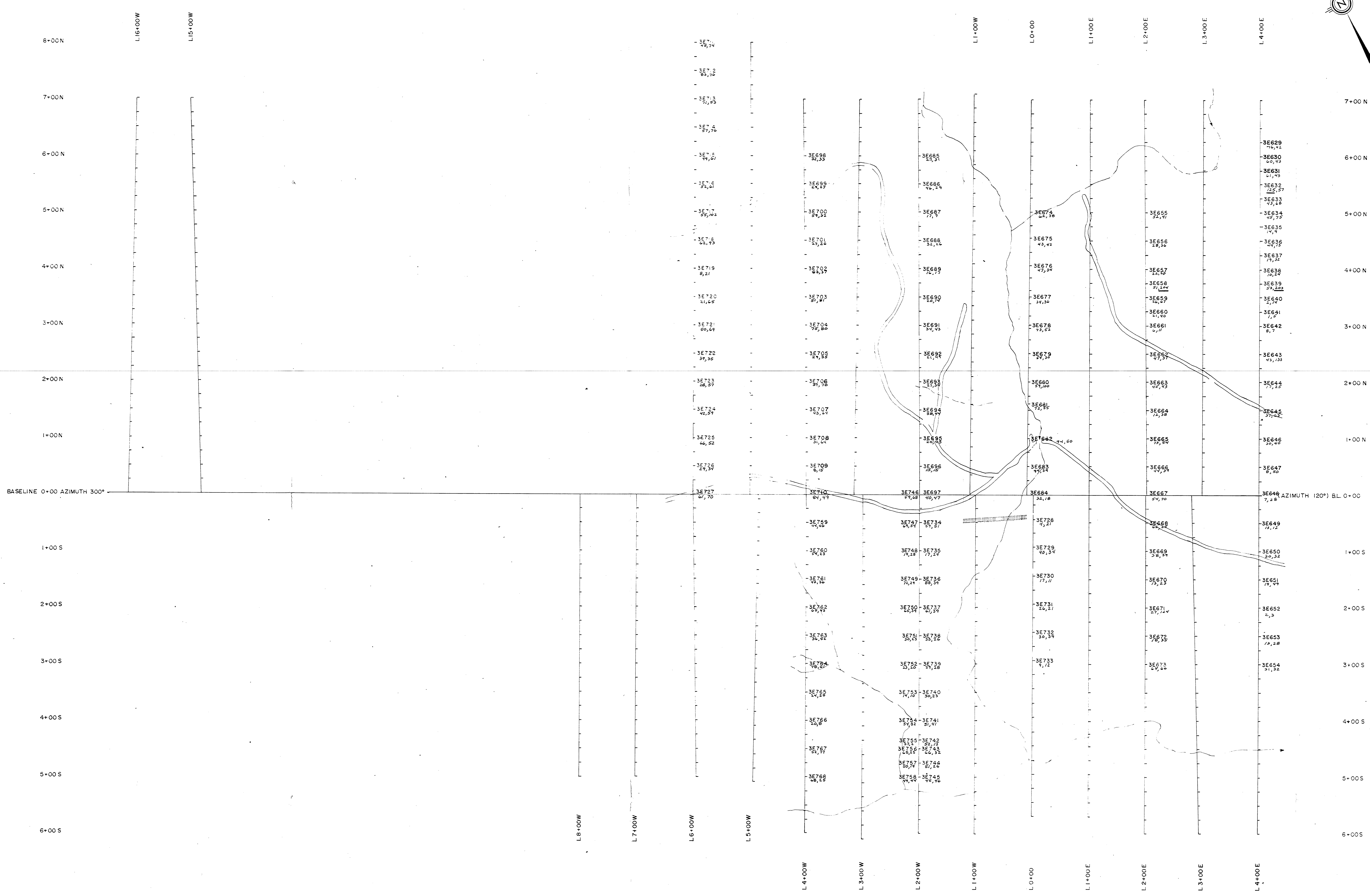
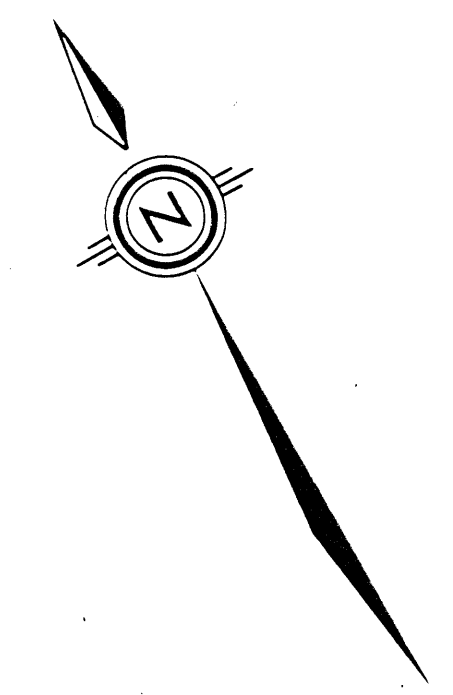


GEOLOGICAL BRANCH
ASSESSMENT REPORT

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| | |
|-----------------------------|-------------------------|
| ESSO MINERALS CANADA | |
| CHEMAINUS PROJECT - 2130 | |
| SOIL GEOCHEMISTRY | |
| EAST-1 | |
| Pb(ppm), Ag(ppm), Au(ppb) | |
| Project No. 2130 | Mining Division NANAIMO |
| NTS 2:5000, 2:5000 | Drawn By: RB |
| Date: NOV. 1983 | Map No. 4 |



BASELINE 0+00 AZIMUTH 300° 3E648 AZIMUTH (20°) BL. 0+00

| I.C.R. Analysis | | I.C.R. Analysis | |
|--------------------|----|--------------------|----|
| (C Horizon) 3E704 | | 3E741 (B Horizon) | |
| 54 | 32 | 51 | 41 |
| Cu (ppm), Zn (ppm) | | Cu (ppm), Zn (ppm) | |

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

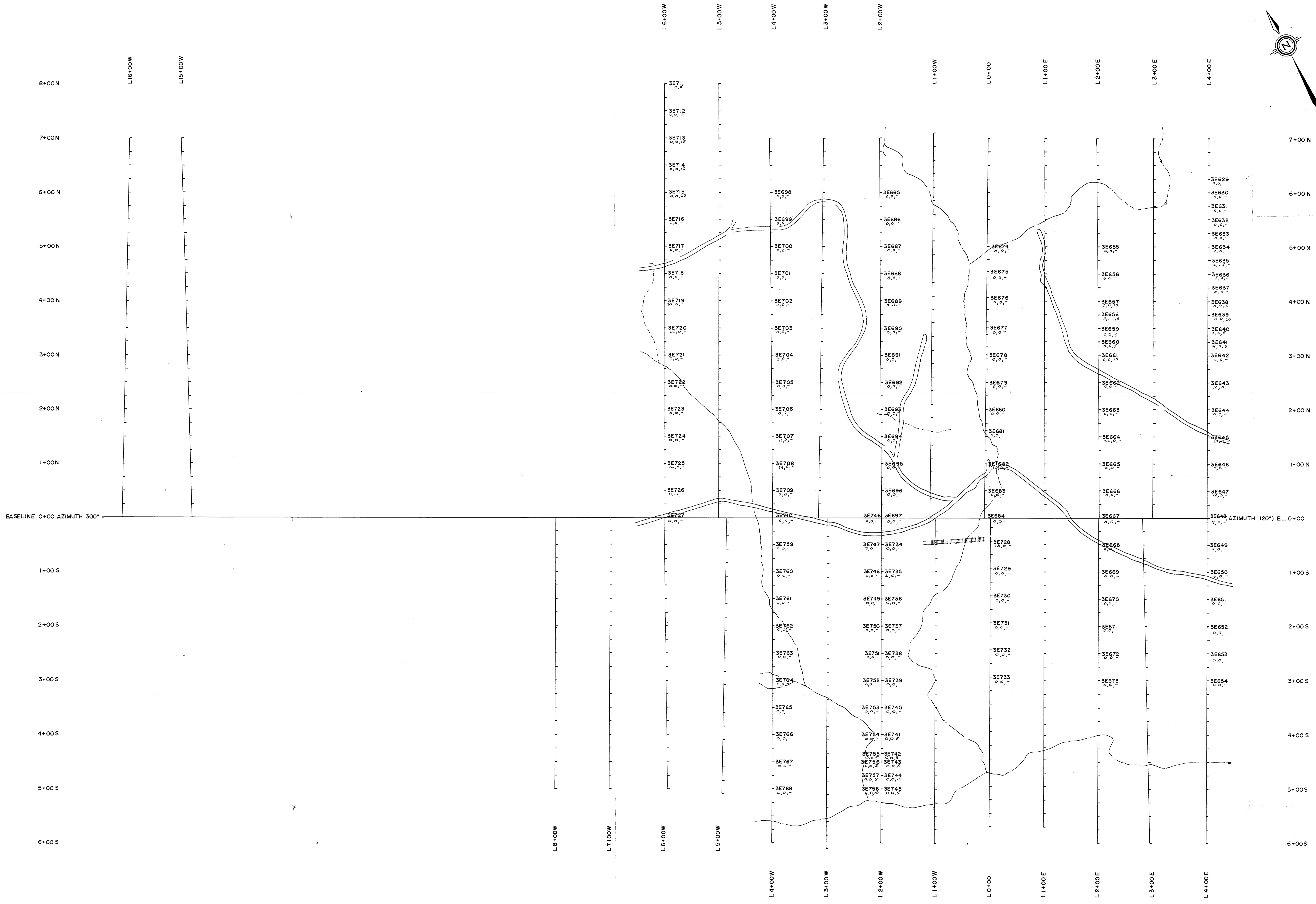
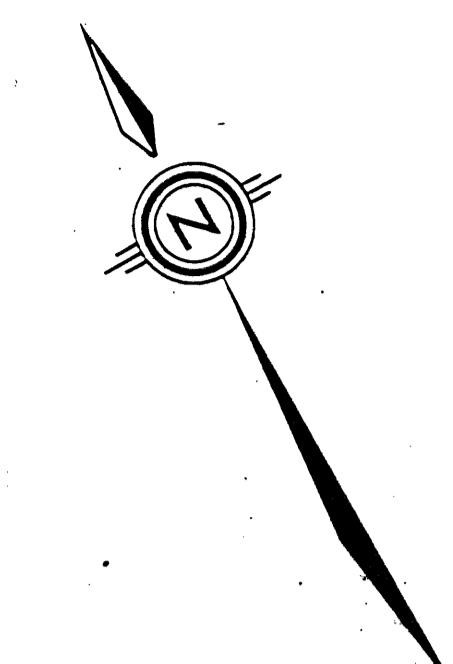
11,345

ESSO MINERALS CANADA

CHEMAINUS PROJECT - 2130

SOIL GEOCHEMISTRY
WEST-1 Cu(ppm), Zn(ppm)

Project No. 2130 Mining Division NANAIMO
 NTS 928/600/100/100 Drawn By RB
 Date NOV/1993 Map No. 5



ICP ANALYSIS ICP ANALYSIS
 (C Horizon) 3E754 - 3E741 (B Horizon)
 0, 0, 0, 5 0, 0, 0, 5
 Pb(ppm), Ag(ppm), Au(ppb) Pb(ppm), Ag(ppm), Au(ppb)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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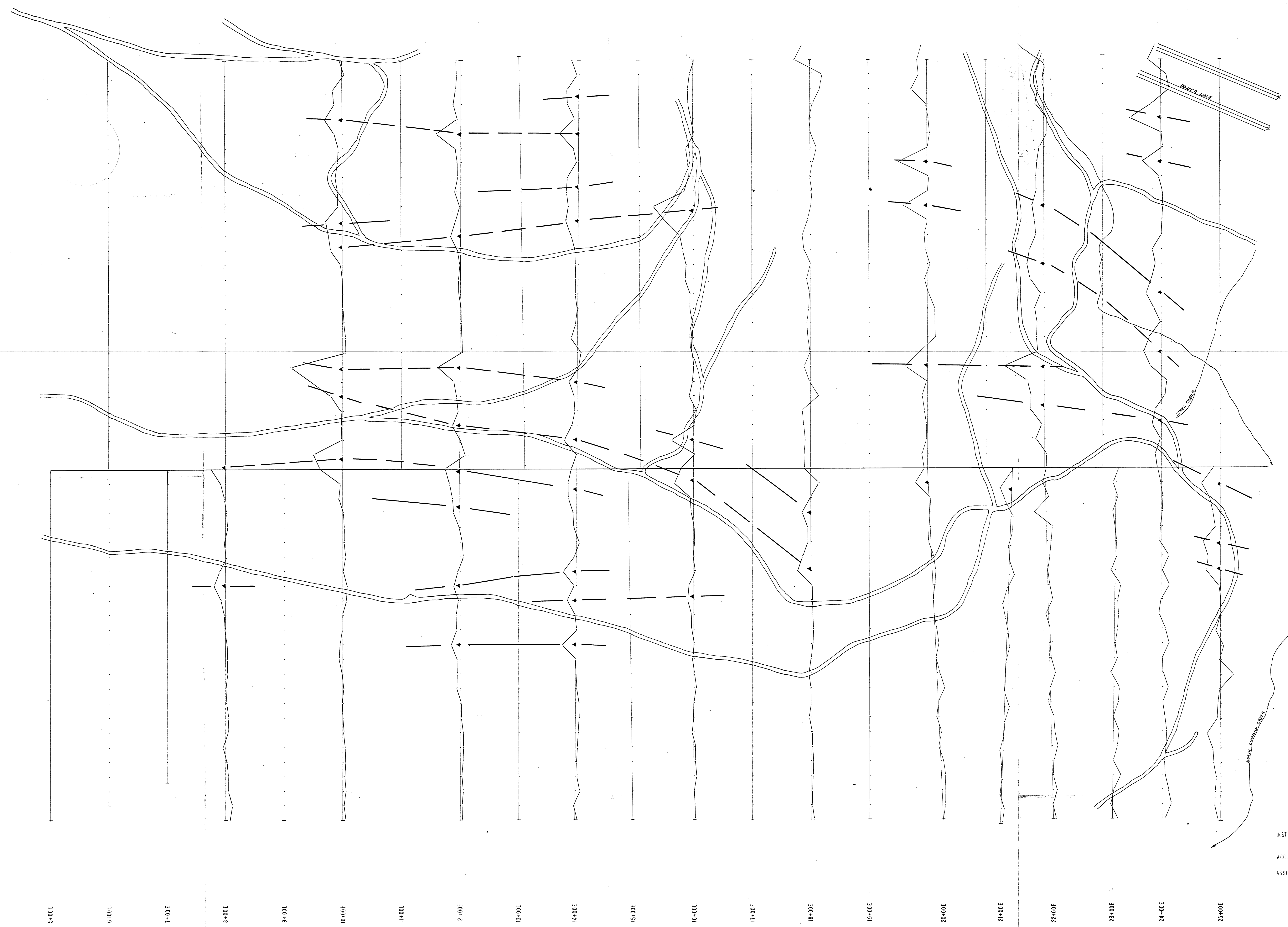
SCALE: 1:2500
0 100 200 Meters

ESSO MINERALS CANADA

CHEMAINUS PROJECT - 2130
SOIL GEOCHEMISTRY
WEST-1
Pb(ppm), Ag(ppm), Au(ppb)

| | |
|-----------------------|-------------------------|
| Project No. 2130 | Mining Division NANAIMO |
| NTS 92/8/001, REC/100 | Drawn By: RB |
| Date: NOV. 1983 | Map No. 4 |

7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
B/L 0+00 AT 300'
1+00S
2+00S
3+00S
4+00S
5+00S
6+00S

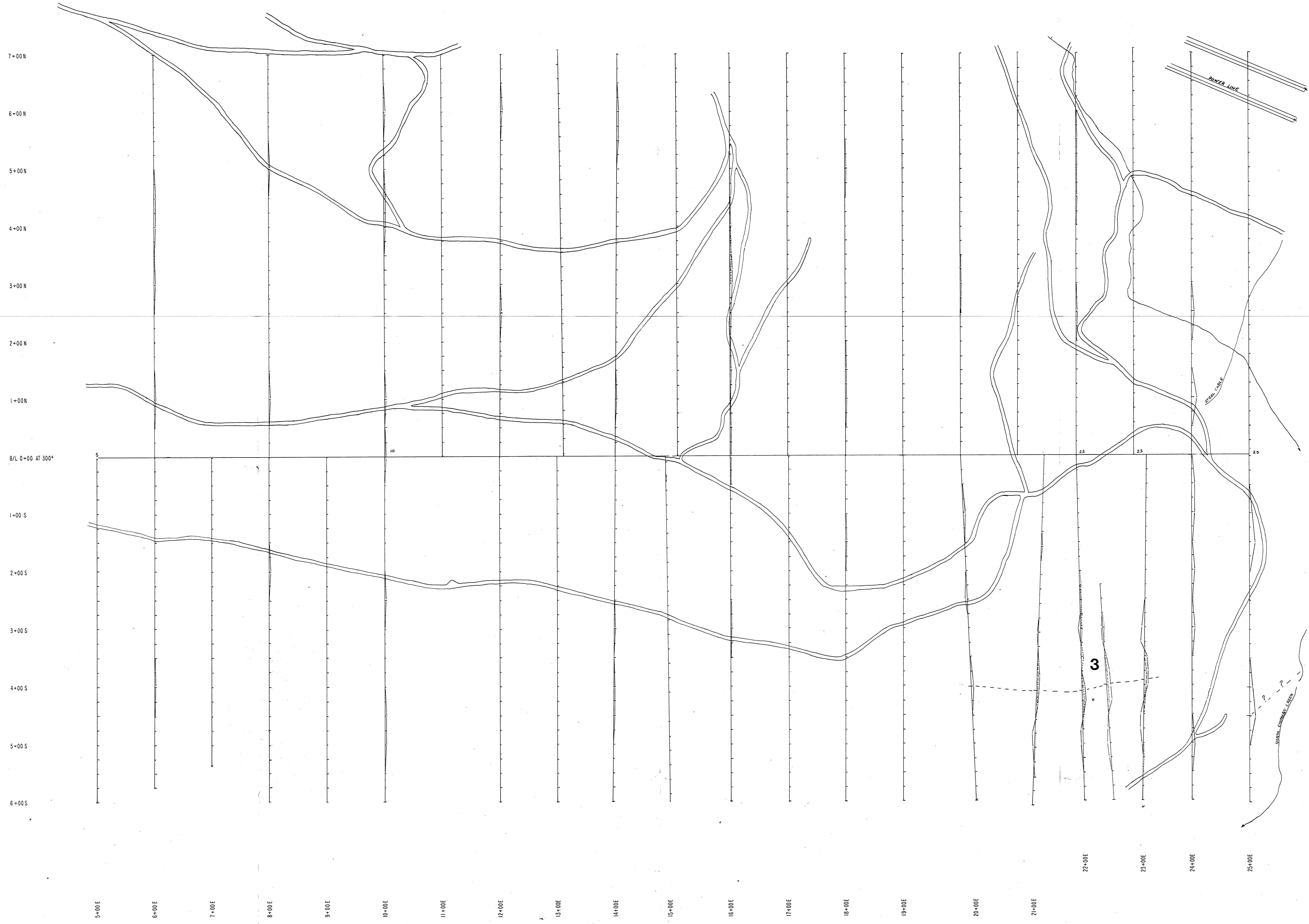


GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,345

INSTRUMENT: GEOMETRICS MODEL GBIS PROTON PRECESSION MAGNETOMETER
ACCURACY: ± 10 GAMMAS
ASSUMED MEAN GEOMAGNETIC FIELD STRENGTH IS: 56300 G
MAG PLOT SCALE
GAMMAS
+200 0 -200

| | | |
|--|------------------|-------------|
| ESKO MINERALS CANADA DIV. OF ESKO RESOURCES CANADA LIMITED | | |
| PROSPECT: CHEMAINUS GRID 1E | | |
| MAGNETOMETER SURVEY | | |
| ACCOUNT NO MA 30 | FILE NO 2130 | TORONTO |
| DRAWN BY: Z. DOBORZINSKI | DATE MAY 1984 | NTS 92 B |
| DWG. NO | MAP NO 10 | |
| SCALE 1:2500 0 100 M | | |
| To accompany Report by: G. EGGERT, G. CASAR Date: JANUARY, 1984 | | |



GEOLOGICAL BRANCH
ASSESSMENT REPORT
11,345

| | | |
|--|----------------|----------------|
| ESKO MINERALS CANADA | | |
| DIV. OF ESKO RESOURCES CANADA LIMITED | | |
| PROSPECT: CHEMAINUS | | |
| GRID 1E | | |
| HLEM SURVEY | | |
| ACCOUNT NO MA 30 | FILE NO 2130 | TORONTO |
| DRAWN BY: Z. DOBORZYNSKI | DATE: Jan 1989 | NTS: 92 B/2001 |
| DWG. NO: | MAP NO: 5 | |
| SCALE | | |
| 1:2500 | 0 | 100 M |
| To Accompany Report by: C. SICKERT, B. COLLIER | | |
| Date: January, 1989 | | |

