

UMEX

UNION MINIERE EXPLORATIONS
AND MINING CORPORATION LIMITED

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BURNABY, B.C. V5G 1H4

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5194

94E/6E

GEOLOGICAL SURVEY, GEOCHEMICAL SOIL SURVEY,
AND ELECTROMAGNETIC (EM-16) SURVEY

on the

GORD 1-40 MINERAL CLAIMS

Record Numbers 128071-128086
129214-129237

Omineca Mining Division

N.T.S. 94E/6E

57°30' North, 127°3' West

by

Alfred A. Burgoyne, P.Eng.

Department of

Mines and Petroleum Resources

ASSESSMENT REPORT

NO. 5194 MAP

Work Dates: Geochemical Soil Survey: August 14-30, 1974
EM-16 Survey: August 17, 19, 28, 29, 1974
Geological Survey: August 20-25, 1973
August 14-30, 1974

Date: September 30, 1974

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GORD CLAIMS ASSESSMENT REPORT

INTRODUCTION

In the period August 14-30, 1974 a geochemical soil survey for copper, lead, zinc, and silver, EM-16 and geological surveys were completed on the Gord 1-40 mineral claims. In addition, a small geological survey was completed on the Gord 1-16 claims in the period August 20-25, 1973.

The Gord 1-40 claims are located in the Omineca Mining Division, B.C., and lie approximately two miles south of Contact Peak, at latitude $57^{\circ}30'N$ and longitude $127^{\circ}3'W$. Note Figures 1A and 1B. Access to the property is by helicopter.

The claim area is entirely above tree-line in extremely rugged mountainous terrain in the Omineca Mountains where local relief varies several hundreds of feet. The elevations on the property range from 4600 to 6900 feet.

The field work was directed by Mr. C.V. Dyson, P.Eng., who in turn was under the supervision of Mr. A. Burgoyne, P.Eng. Geological mapping was completed by Mr. R. Tolbert, B.Sc. (Geology); Ziff House, and Gary Hawkins and Mr. C. Bowdidge, Ph.D. (Geology). Geochemical surveys were completed by Mario Milics, Paul Osborne, Jim Reid, and Alan Reeves. Electromagnetic surveys were completed by Mr. H. Holm, B.Sc. (Mathematics) and Mario Milics.

GEOLOGY

Detailed mapping of the claims (Figure 2) indicates that the area is underlain by a thick sequence of volcanic rocks consisting of greenish and purplish andesitic flows - typically with $1/4''$ feldspar phenocrysts - cherty andesites, and porphyritic andesitic pyroclastics that range from tuff to agglomerate in texture. The assemblages can tentatively be correlated to the Upper Division of the Takla Group of rocks of Upper Triassic Age.

Within the claim group and bordering it to the north salmon pink monzonite intrusives were located in northwesterly trending dykes and as small stocks. These intrusives can be correlatic to the Upper Jurassic or Lower Cretaceous Omineca Intrusives. In several locations small basic dykes were noted generally of diabasic composition. These dykes did not appear to show any preferred orientation.

A major fault intersection between north and northwest trending fault zones was defined in the west-central part of the claim area.



57°30'

127°00'

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 5194 MAP #1A

FIGURE 1A

GORD CLAIMS, LOCATION MAP

Omineca Mining Division

N.T.S. 94E/16 - Scale 1:250,000

Grid and Ground Control

A baseline was established bearing 0° across three areas on the claim block by use of a "Topofoil Chain"¹ and compass. Crosslines were established where possible in the severe topography, at 500 foot intervals in east-west directions using compass and Topofoil Chain and with stations marked with flagging at 50 foot intervals. The grids were tied into the pre-existing claim posts and obvious topographic features.

Ground control was possible also by use of the 1"=800' contoured map which had been prepared by Lockwood Surveys Ltd. (Figure 1B), and by use of pocket altimeters.

Mineralization

Two types of mineralization were found on the claims. The first type is essentially only copper mineralization, which occurs mainly as chalcopyrite, in quartz-carbonate veinlets and in small fractures in volcanics. Several minor occurrences of this type of mineralization was located, mostly in float, and mainly along the main northwest trending fault zone (Figure 2) on Gord claims 9, 10, and 19. The sparse nature of this mineralization and its localization along the fault structure negates any significant economic potential.

The second type of mineralization consists of chalcopyrite, galena, sphalerite and pyrite which occur in quartz veins in bleached, silicified, and carbonated volcanic rocks in pyritized and limonite stained zones.

Two locations of this type of mineralization were located: on the Gord 18 mineral claims a large gossanous area can be traced for several hundreds of feet across a ridge. On the north side of the ridge at locality #1 (Figure 2), a quartz vein two feet wide was located which contained pods of galena and sphalerite, with minor chalcopyrite, and which could be traced over a twelve foot section. A chip sample of this mineralization taken over a six foot width

¹The Topofoil Chain is a "lost" thread measuring device in which a counter accurately records in feet from 0 to 15,000 feet the length of thread unreeling from the unit when measuring a length or distance covered. The operator attaches the end of the thread to a fixed point, the counter is set at zero and the operator moves on foot carrying the Topofoil Chain. As the thread unwinds, the counter records the length. The counter readout is accurate to $\pm 0.2\%$; on completion of a measurement the counter is reset at zero. The biodegradable thread is cut and abandoned.

assayed 1000 ppm Cu, 3032 ppm Pb, >4000 ppm Zn and 16 ppm Ag.

The second mineral showing (see location number 2, Figure 2) is located on the Gord 9 mineral claim and lies in a gully at the head of a talus slope. It consists of a series of branching zones, two to five feet wide, of rusty carbonated andesite with widespread disseminated pyrite, and scattered clots of galena, chalcopyrite and minor sphalerite. A chip sample across this zone assayed 1075 ppm Cu, 4300 ppm Pb, 19,000 ppm Zn and 30 ppm Ag over 3.0 feet.

GEOCHEMICAL SOIL SURVEY

Methods and Soil Development

In the course of the survey a total of 293 soil samples were collected over 10.78 miles of line grid, with samples spaced at 200 foot intervals, and analysed for copper, lead, zinc and silver. At each soil location a hole was dug with a mattock and where possible 4-6 ounces of well developed C horizon soil sample was taken with a stainless steel trowel. The soil sample was placed in a high wet strength Kraft sample bag and appropriately marked. The soil development for the areas underlain by the claims is:

- Ao: Organic matter, undecayed leaves, twigs, normally 0 - 1 inch thick but up to two feet in swampy areas.
- Al: Decomposed organic debris, organic-rich humus horizon, black in colour, generally absent from claim area.
- B: Brown to orange in colour, accumulation of clay and/or organic matter. Thickness variable but generally absent from claim area.
- C: Weathered rock fragments mixed with B.

Analytical Treatment of Soil Samples

The soil samples were analysed by Chemex Labs Ltd. in North Vancouver. The samples were dried in their respective sample bags in electric driers at a temperature of 80°C, and then sieved to a -80 mesh through a nylon screen. One-half gram portions of the screened soils were digested for 2 to 2½ hours at 203°C in a 70% perchloric and 30% concentrated nitric acid mixture. The digested samples were cooled and bulked to 25 ml. with distilled water and allowed to settle. The resulting samples were analysed by atomic absorption for copper, lead, zinc and silver. Detection limits of this method are given as 1 ppm for copper, lead, and zinc, and 0.5 ppm for silver.

Results

Cumulative frequency versus metal concentrations² have been plotted for copper, lead, and zinc and are illustrated in Figures 3, 4, and 5, respectively. Contoured plots for copper, lead, zinc, and silver on the topographic base map are illustrated in Figures 6, 7, 8, and 9, respectively.

Copper values (note Figure 3) in excess of 75 ppm are probably anomalous, and values in excess of 180 ppm are considered definitely anomalous and are thought to be caused by copper mineralization. Values in excess of 180 ppm (note Figure 6) in the soil are associated mainly with chalcopyrite bearing quartz-carbonate veinlets in the volcanics of Rock Unit 1 along faults and fracturing (note Figure 2) and in the gossan zone of Rock Unit 7. The soil pattern for copper is mostly the result of the great amount of mechanical dispersion of mineralized talus on the property.

Lead values in excess of 60 ppm and 150 ppm are considered to be probably and definitely anomalous and are contoured at these thresholds. The anomalous lead values are thought to be caused by the observed mineralized vein structures in the volcanics and in the gossanous zone and by mineralized float.

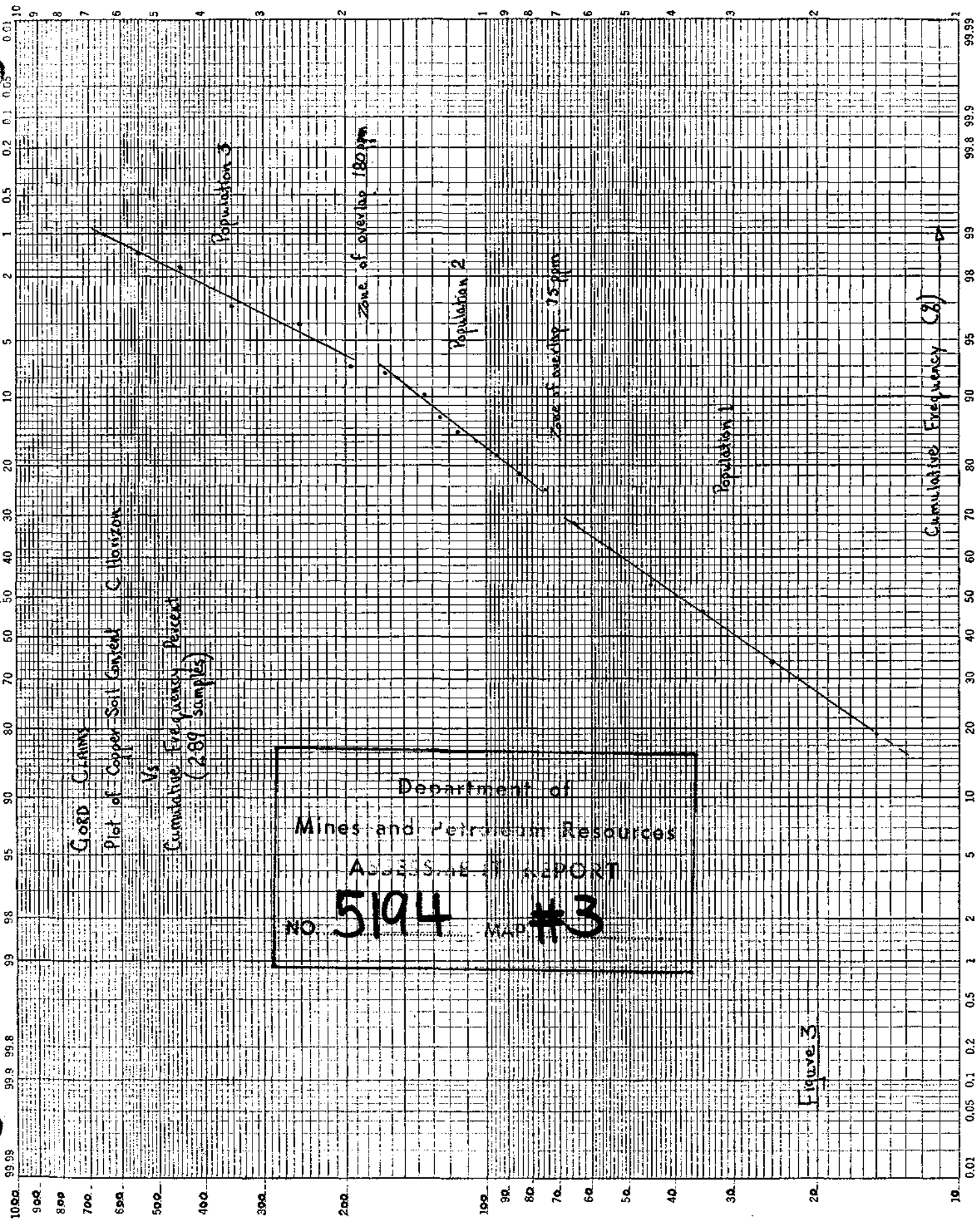
Zinc values are considered anomalous in excess of 160 ppm. This interval and the 600 ppm interval have been contoured. The anomalous values are caused by mineralization that is intimately associated with the lead mineralization.

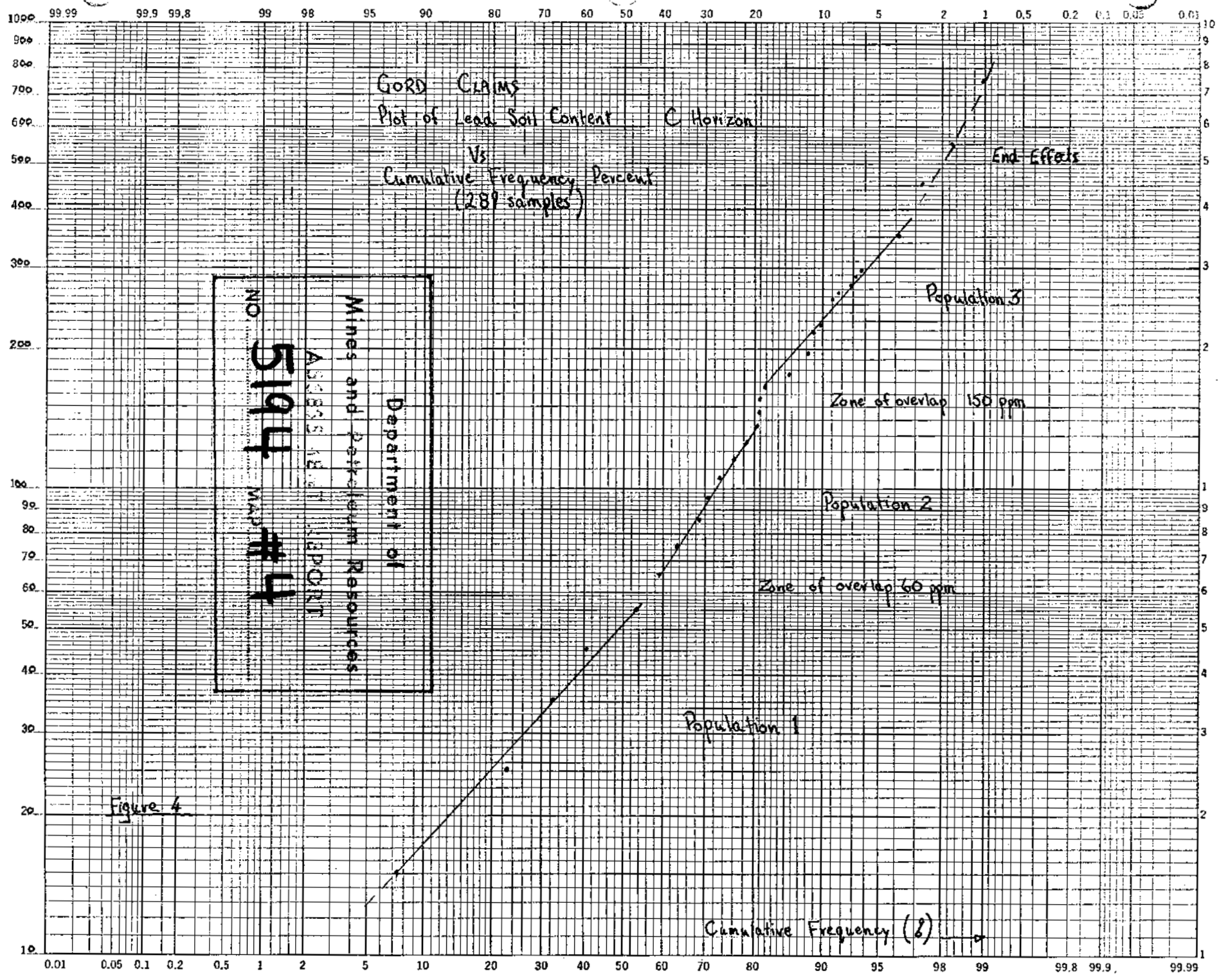
Silver values are considered to be anomalous for values in excess of 1.0 ppm. Higher anomalous values have been contoured at the 3.0 ppm contour interval. The silver is probably tied up in the galena in the quartz veins that contain the poly mineral assemblage of galena, sphalerite, chalcopyrite, and pyrite.

There is a good correlation of probable and definite anomalous values in contour plan on Figures 6, 7, 8, and 9 for copper, lead, zinc, and silver. Geological mapping has defined the source and cause of most of the anomalous metals to be restricted to narrow, erratically, mineralized quartz-carbonate and/or quartz veins/fractures and their respective float that has been mechanically and chemically dispersed.

ELECTROMAGNETIC (EM-16) SURVEY

²Lepeltier, Claude, 1969, A Simplified Statistical Treatment of Geochemical Data by Graphical Representation: Economic Geology, Vol. 64, pp. 538-550.





Lead in ppm.

Figure 4

Zinc ppm.

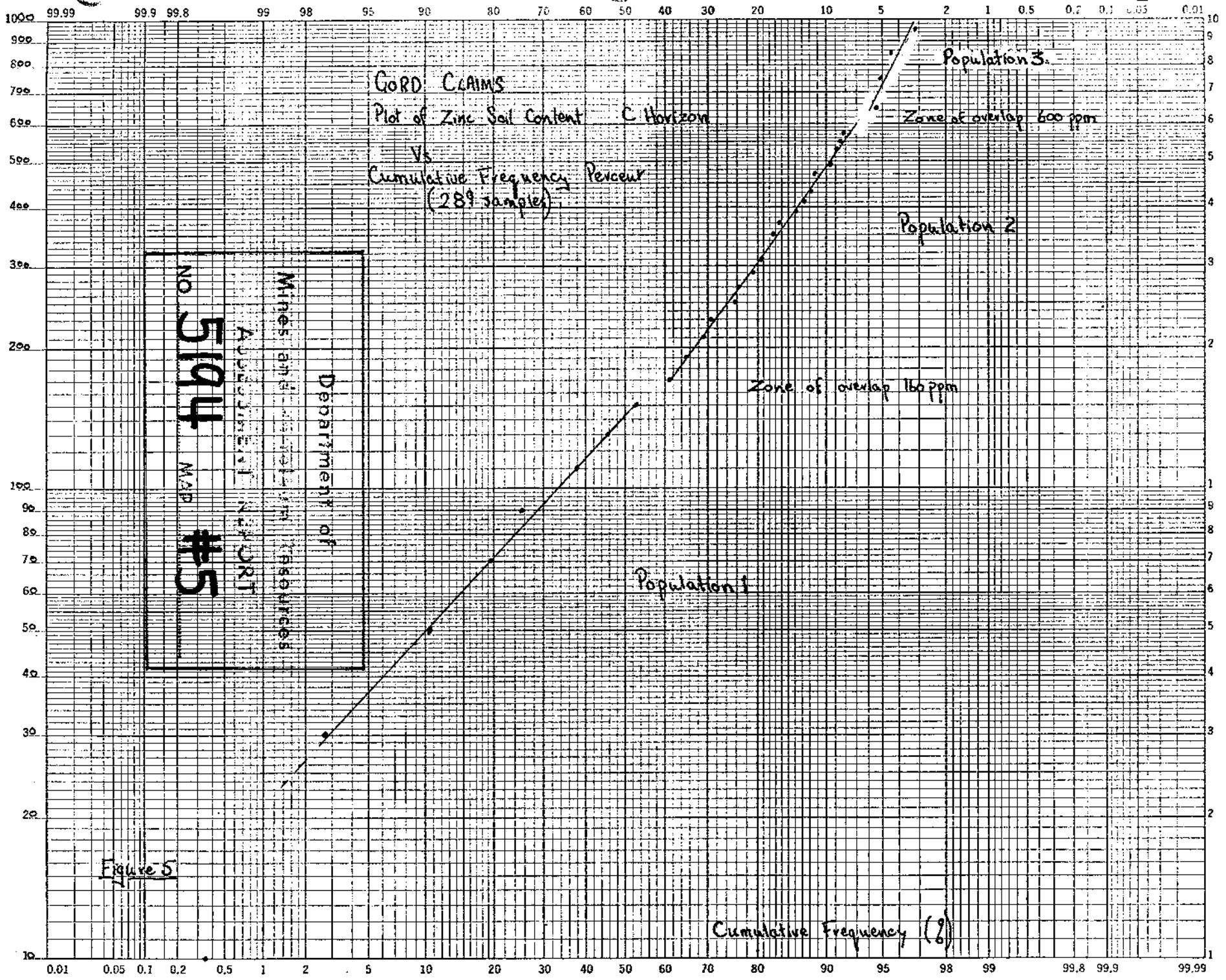


Figure 5

Field Procedures and Data Processing

The ground electromagnetic survey was completed with a Ronka EM-16 VLF electromagnetic unit. The measurement range for the in-phase is $\pm 150\%$ and for the out-of-phase $\pm 40\%$ with an accuracy of 1%. The EM-16 is a sensitive audio-receiver that uses the signal transmitted by several American military stations in the 15-25 kHz range. For this survey the station NLK/NPG JIM CREEK, Washington 18.6 kHz was utilized. The primary magnetic field generated by the station is considered uniform over the surveyed area. When the primary magnetic fields meet conductive bodies in the ground, there will be secondary magnetic fields emitted. The Ronka EM-16 effectively measures the vertical components of these secondary fields. To take a reading the horizontal coil in the instrument is oriented along the magnetic field lines (here this direction is $N76^{\circ}E$) and the vertical coil is tilted to minimize the sound signal and the tilt angle recorded in percentage or degrees. This angle is a measure of the vertical real component (in-phase) of the induced secondary field. A second angle measurement of the minimum signal from the horizontal coil is then taken; this measurement is the quadrature or out-of-phase component. EM-16 in-phase and out-of-phase readings were taken every 50 feet along the cross lines.

In Figure 10 the in-phase and out-of-phase data for the EM-16 survey results have been reproduced in profile with the vertical scale at $1''=20\%$ and the horizontal scale at $1''=200'$. In Figure 11 the in-phase filtered data has been reproduced in contour form in an effort to reduce the geological noise component (which is generated in the 15-27 kHz frequency range) and to transform zero crossovers and inflections into peaks. The technique and resulting interpretation as used is described by Fraser (1969).³ Basically if four consecutive data points, P_1, P_2, P_3, P_4 , are considered then the function to be plotted is simply: $F = (P_4 + P_3) - (P_2 + P_1)$ and the plotting point falls between stations P_2 and P_3 . Only positive values are contoured.

Results

In Figure 10 the in-phase and out-of-phase EM-16 data indicates several conductors. These conductors have been more lucidly displayed in Figure 11 by

³Fraser, D.C., 1969, Contouring of VLF-EM Data: Geophysics, Vol. 34, No. 6 (Dec. 1969), pp. 958-967.

the "Fraser Filter" method described above. Most, if not all, of the conductors on Figure 11 are apparently related to geologic structures such as major faults and fault zones, shear zones, minor faults, lithologic contacts, and possibly sills, and/or dykes. Reference should be made to Figure 2, the geology map and to Figures 6 to 9 for grid control and geochemical association.

In Figure 11, the westernmost conductor that trends from L125N to L147N directly overlies the major northwest fault indicated on Figure 2. Also, the easternmost conductor between L133N and L143N is probably a fault and is defined geologically as a contact between andesites of Unit 1 and the bleached, pyritised, limonite stained zone of Unit 7. The westernmost conductor that trends from L163N to L170N is characterized by a thin zone of the limonite stained zone of Unit 7.

There are several other conductors on the property in which no definite geological explanation can be given, generally because of overburden cover. However, the explanation for these conductors is probably similar to those described above.

CONCLUSIONS AND RECOMMENDATIONS

Geological mapping, geochemical soil surveys for copper, lead, zinc, and silver, and electromagnetic (EM-16) have been carried out on the Gord claims. Geochemical soil surveys have indicated large areal anomalies for copper, lead, zinc, and silver. Geological mapping has defined that copper/lead/zinc mineralization of non-economic significance is found in small, discontinuous quartz and/or quartz carbonate veins and veinlets. These veins occur within faults and fault zones or at geologic contacts. The electromagnetic survey has helped to define known fault/shear(?) zones and to indicate new faults.

Mineralization from the veins has been dispersed mechanically and chemically downhill from their source and as such gives strong geochemical responses to relatively minor in situ mineralization.

Respectfully submitted,

Alfred A. Burgoyne
Alfred A. Burgoyne, P.Eng.

APPENDIX I

Detailed Costs of Geochemical Surveys Performed

Labour Costs

Office:	A. Burgoyne, September 20, 1974 1 day @ \$80/day	\$ 80.00
	C. Dyson, September 3-4, 1974 2 days @ \$65/day	\$ 130.00
Drafting:	R. Tolbert, September 16-20, 23, 1974 6 days @ \$40/day	\$ 240.00
Field:	C. Dyson, August 14-15, 1974 2 days @ \$65/day	\$ 130.00
	M. Milics, August 18, 20-27, 30, 1974 10 days @ \$20/day	\$ 200.00
	A. Reeves, August 22-30, 1974 9 days @ \$20/day	\$ 180.00
	J. Reid, August 22-30, 1974 9 days @ \$20/day	\$ 180.00
	P. Osborne, August 14-30, 1974 17 days @ \$25/day	\$ 425.00
Personnel Maintenance:	47 man days @ \$12/day	\$ 564.00
Transportation Costs:	2 hours Hughes-500 helicopter @ \$200/hour (contract)	\$ 400.00
	40 gallons fuel @ \$1.50/gallon at base camp	\$ 60.00
Analytical Costs:	300 samples for copper, lead, zinc, and silver plus sample preparation @ \$2.40/sample	\$ 720.00
	Sample shipment costs to Chemex Labs in North Vancouver via TPA and PWA	\$ 52.00
Secretarial, Reproduction and Miscellaneous Costs		\$ 120.00
	TOTAL	<u>\$3481.00</u>

APPENDIX II

Detailed Costs of the Electromagnetic (EM-16) Survey

Labour Costs

Office:	C. Dyson, September 5, 1974	
	1 day @ \$65/day	\$ 65.00
	H. Holm, September 23-27, 1974	
	5 days @ \$36/day	\$ 180.00
Field:	H. Holm, August 17, 19, 28, 29, 1974	
	4 days @ \$36/day	\$ 144.00
	M. Milics, August 17, 19, 28, 29, 1974	
	4 days @ \$20/day	\$ 80.00
Personnel Maintenance:		
	8 man days @ \$12/day	\$ 96.00
Equipment Costs:		
	Equipment rental of EM-16 (Ronka Unit)	
	4 days @ \$10/day	\$ 40.00
Transportation Costs:		
	1 hour Hughes-500 helicopter	
	@ \$200/hour	\$ 200.00
	20 gallons fuel	
	@ \$1.50/gallon at base camp	\$ 30.00
Miscellaneous Costs:		\$ 50.00
		<hr/>
	TOTAL	\$ 885.00
		<hr/> <hr/>

APPENDIX III

Detailed Costs of Geological Survey

Labour Costs

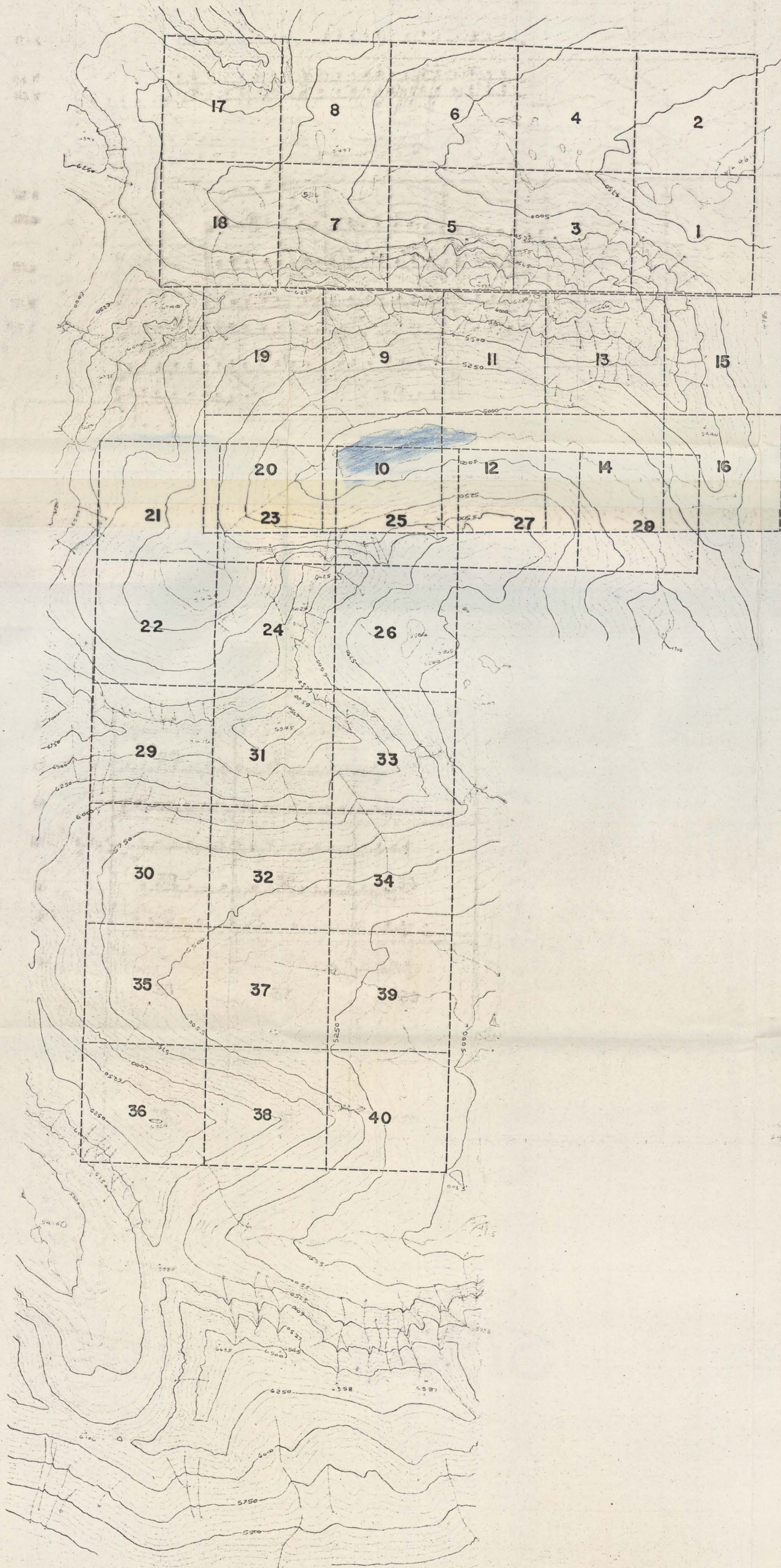
Office:	A. Burgoyne, September 19, 1974 1 day @ \$80/day	\$ 80.00
	C. Dyson, September 6 and 9, 1974 2 days @ \$65/day	\$ 130.00
Drafting:	R. Tolbert, September 3-6, 1974 4 days @ \$40/day	\$ 160.00
Field:	C. Bowdidge, August 20-25, 1973 6 days @ \$45/day	\$ 270.00
	R. Tolbert, August 14-30, 1974 17 days @ \$40/day	\$ 680.00
	Z. House, August 22-30, 1974 9 days @ \$30/day	\$ 270.00
	G. Hawkins, August 22-30, 1974 9 days @ \$30/day	\$ 270.00
Personnel Maintenance:	41 man days @ \$12/day	\$ 492.00
Transportation Costs:	3 hours Hughes-500 helicopter @ \$200/hour (contract)	\$ 600.00
	1 hour Allouette-2 helicopter @ \$215/hour	\$ 215.00
	92 gallons JP-4 fuel @ \$1.50/gallon at base camp	\$ 138.00
Secretarial, Reproduction and Miscellaneous Costs:		\$ 75.00
Base map production @ 1"=800' with 50 foot contouring (Lockwood Surveys) (Area of Gord 1-40 Claims)		\$ 400.00
		<hr/>
	TOTAL	\$3780.00
		<hr/> <hr/>

Total Survey Costs, Appendix I to III \$8146.00

Mining Recorder's Office
RECORDED

OCT 7 1974

AT
SMITHERS, P. O.



To accompany report dated September 30, 1974 by Alfred A. Burgoyne, P.Eng., entitled Geological Survey, Geochemical Soil Survey and Electromagnetic Survey on the Cord 1-40 mineral claims, in the Omineca Mining Division, B.C.

Fig. 1B

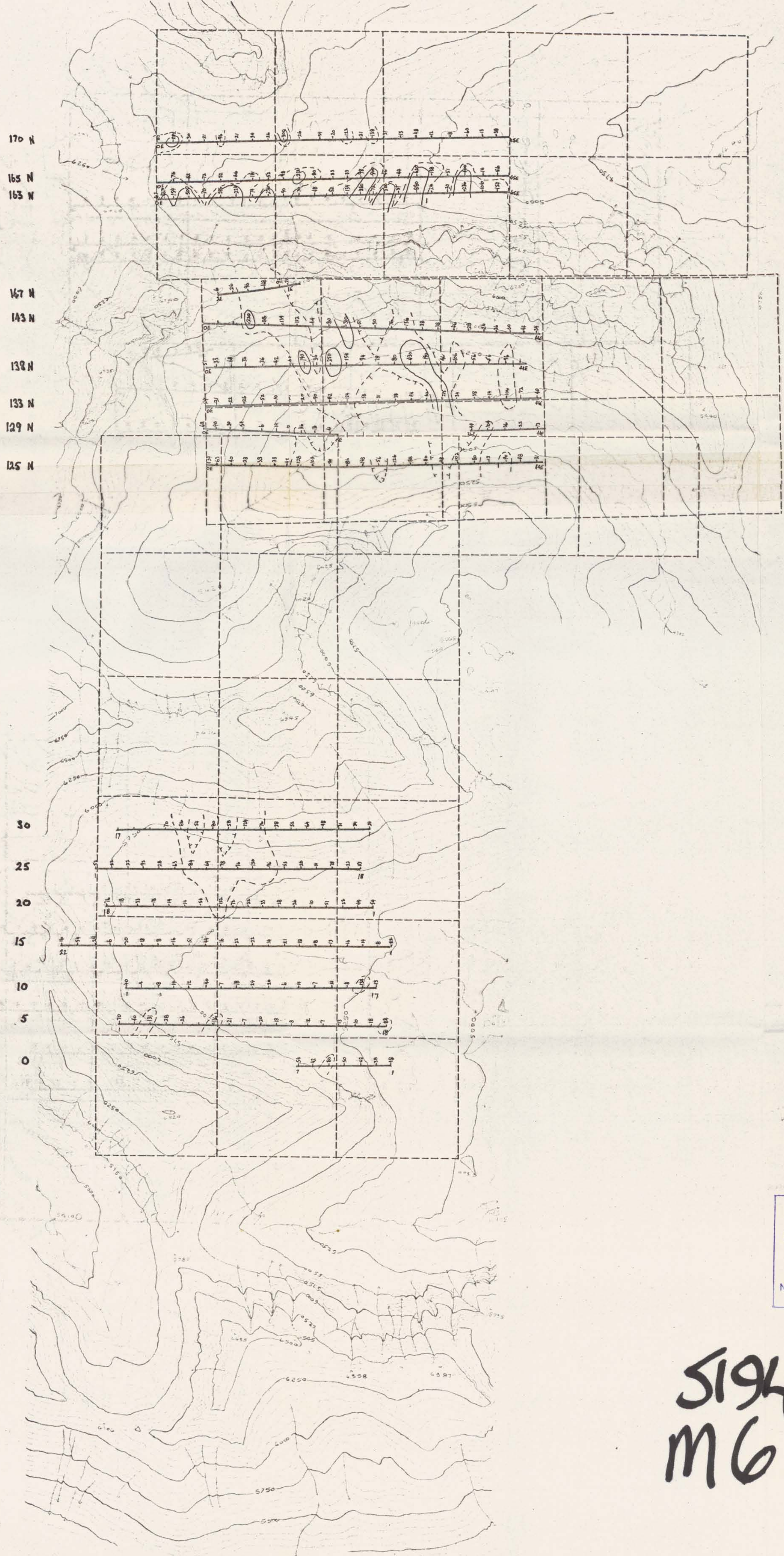
Alfred A. Burgoyne

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5194 MAP #1B

Claim location map

5194 M1B

CORD CLAIMS		
UNION MINIERE EXPLORATIONS		
and MINING CORPORATION LTD.		
SCALE: 1" = 800'	CONTOUR INTERVAL: 50'	MAP REFERENCE: 94E
DATE OF PHOTOGRAPHY		
DATUM: G.S.C.	SHEET 1 OF 1	
RECONNAISSANCE MAP - PENCIL MANUSCRIPT		
Lockwood Survey Corporation Limited West Coast Division	73 255	



To accompany report dated September 30, 1974 by Alfred A. Burgoyne, P.Eng., entitled Geological Survey, Geochemical Soil Survey and Electromagnetic Survey on the Gord 1-40 mineral claims, in the Omineca Mining Division, B.C.

Fig. 6 *Alfred A. Burgoyne*

C soil horizon

Geochemistry
Department of
(copper)
Mines and Petroleum Resources

ASSESSMENT REPORT

NO. **5194** MAP # **60**

Contour of >75 ppm Cu
Contour of >150 ppm Cu

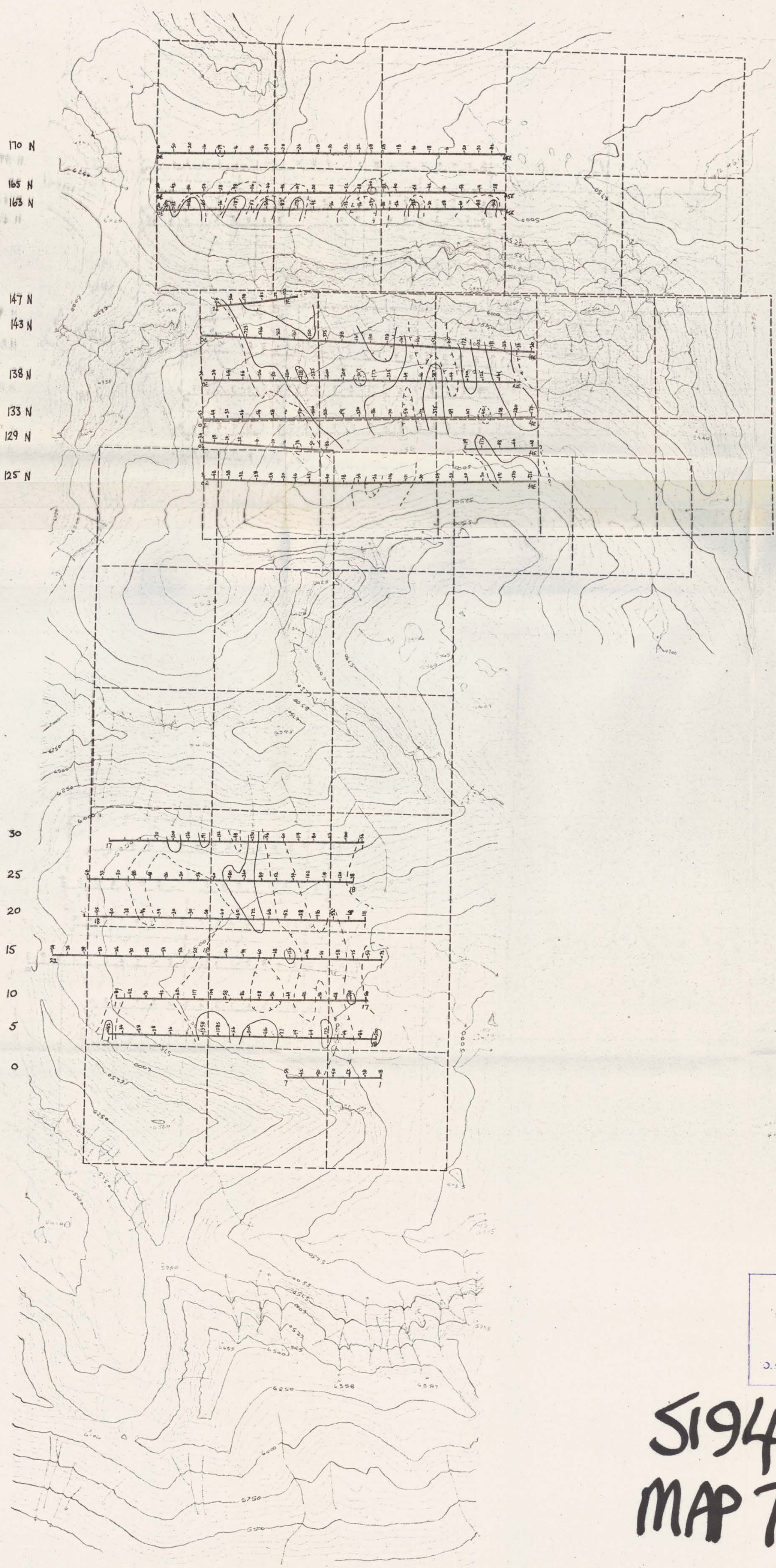
0 1 2 3 4 5 6 7 8 9 10 11 12
Cu values in ppm on soil sample lines
soil station

5194
MG

GORD CLAIMS		
UNION MINIERE EXPLORATIONS and MINING CORPORATION LTD.		
SCALE: 1" = 800'	CONTOUR INTERVAL 50'	MAP REFERENCE 94 E
DATE OF PHOTOGRAPHY		
DATUM G. S. C.	SHEET 1 OF 1	
RECONNAISSANCE MAP - PENCIL MANUSCRIPT		
Lockwood Survey Corporation Limited West Coast Division	73 255	

170 N
165 N
163 N
147 N
143 N
138 N
133 N
129 N
125 N

30
25
20
15
10
5
0



To accompany report dated September 30, 1974 by Alfred A. Burgoyne, P.Eng., entitled Geological Survey, Geochemical Soil Survey and Electromagnetic Survey on the Gord 1-40 mineral claims, in the Omineca Mining Division, B.C.

Fig. 7 *Alfred A. Burgoyne*

Geochemistry C soil horizon
(lead)

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
5194 MAP #7

Contour of > 60 ppm Pb
Contour of > 150 ppm Pb
Pb values in ppm on soil sample lines
soil station

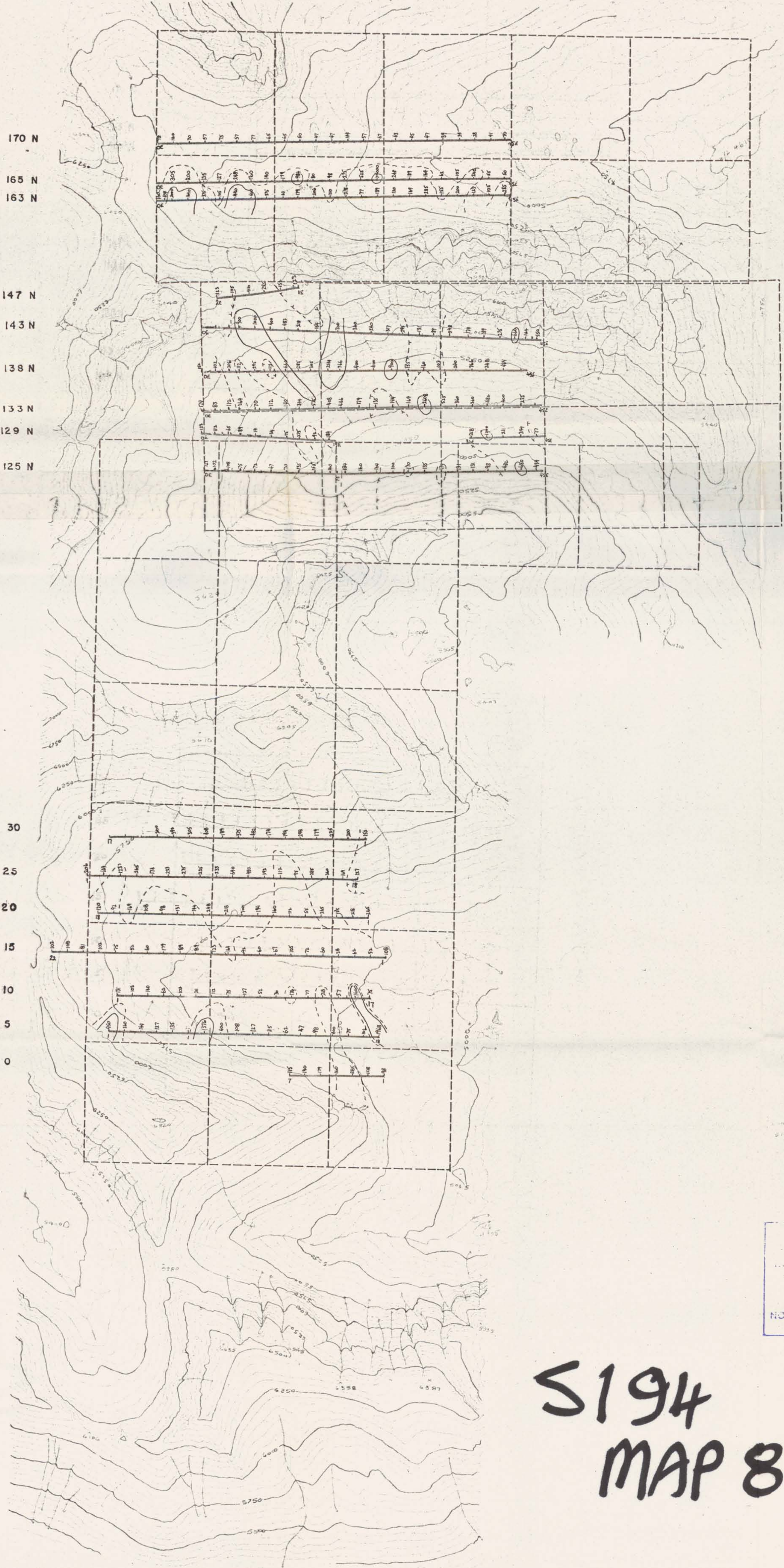
5194
MAP 7

GORD CLAIMS		
UNION MINIERE EXPLORATIONS and MINING CORPORATION LTD.		
SCALE: 1" = 800'	CONTOUR INTERVAL 50'	MAP REFERENCE 94 E
DATE OF PHOTOGRAPHY		
DATUM G. S. C.	SHEET 1 OF 1	
RECONNAISSANCE MAP - PENCIL MANUSCRIPT		
Lockwood Survey Corporation Limited West Coast Division	73 255	

170 N
165 N
163 N

147 N
143 N
138 N
133 N
129 N
125 N

30
25
20
15
10
5
0



To accompany report dated September 30, 1974 by Alfred A. Burgoyne, P.Eng., entitled Geological Survey, Geochemical Soil Survey and Electromagnetic Survey on the Gord 1-40 mineral claims, in the Omineca Mining Division, B.C.

Fig. 8

Alfred A. Burgoyne

Geochemistry C soil horizon
 Department of (zinc)
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 5194 MAP #8
 Contour of >100 ppm Zn
 Contour of >1500 ppm Zn
 Zn values in ppm on soil sample bases
 11 soil stations

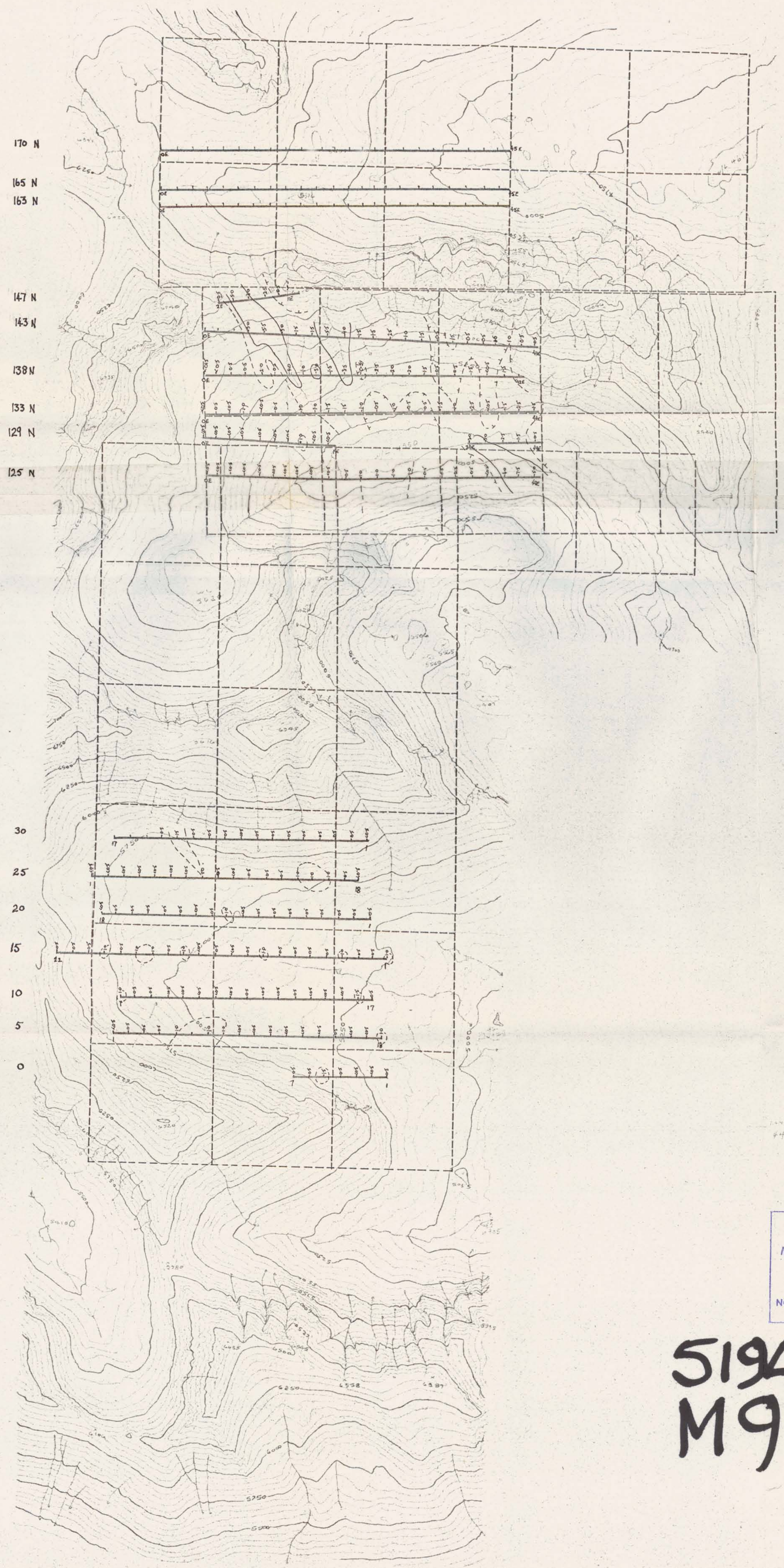
**5194
MAP 8**

GORD CLAIMS		
UNION MINIERE EXPLORATIONS and MINING CORPORATION LTD.		
SCALE: 1" = 800'	CONTOUR INTERVAL 50'	MAP REFERENCE 94 E
DATE OF PHOTOGRAPHY		
DATUM G. S. C.		SHEET 1 OF 1
RECONNAISSANCE MAP - PENCIL MANUSCRIPT		
Lockwood Survey Corporation Limited West Coast Division		73 255

170 N
165 N
163 N

147 N
143 N
138 N
133 N
129 N
125 N

30
25
20
15
10
5
0



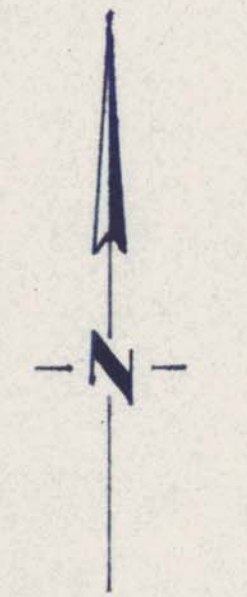
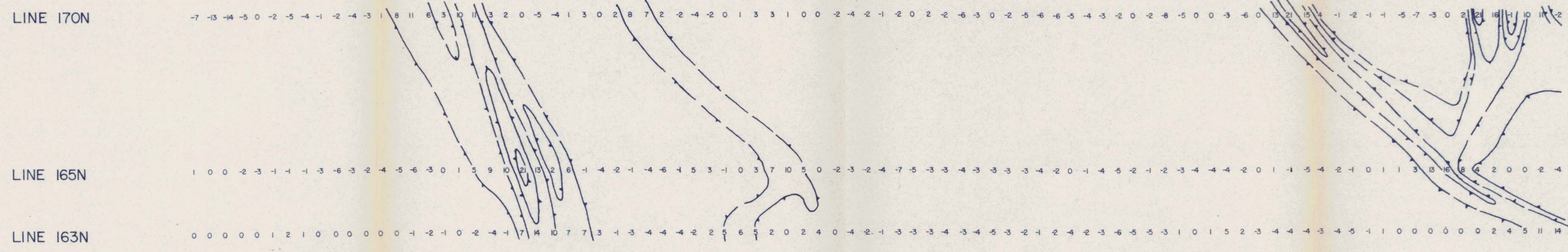
To accompany report dated September 30, 1974 by Alfred A. Burgoyne, P.Eng., entitled Geological Survey, Geochemical Soil Survey and Electromagnetic Survey on the Gord 1-40 mineral claims, in the Omineca Mining Division, B.C.

Fig. 9 *Alfred A. Burgoyne*

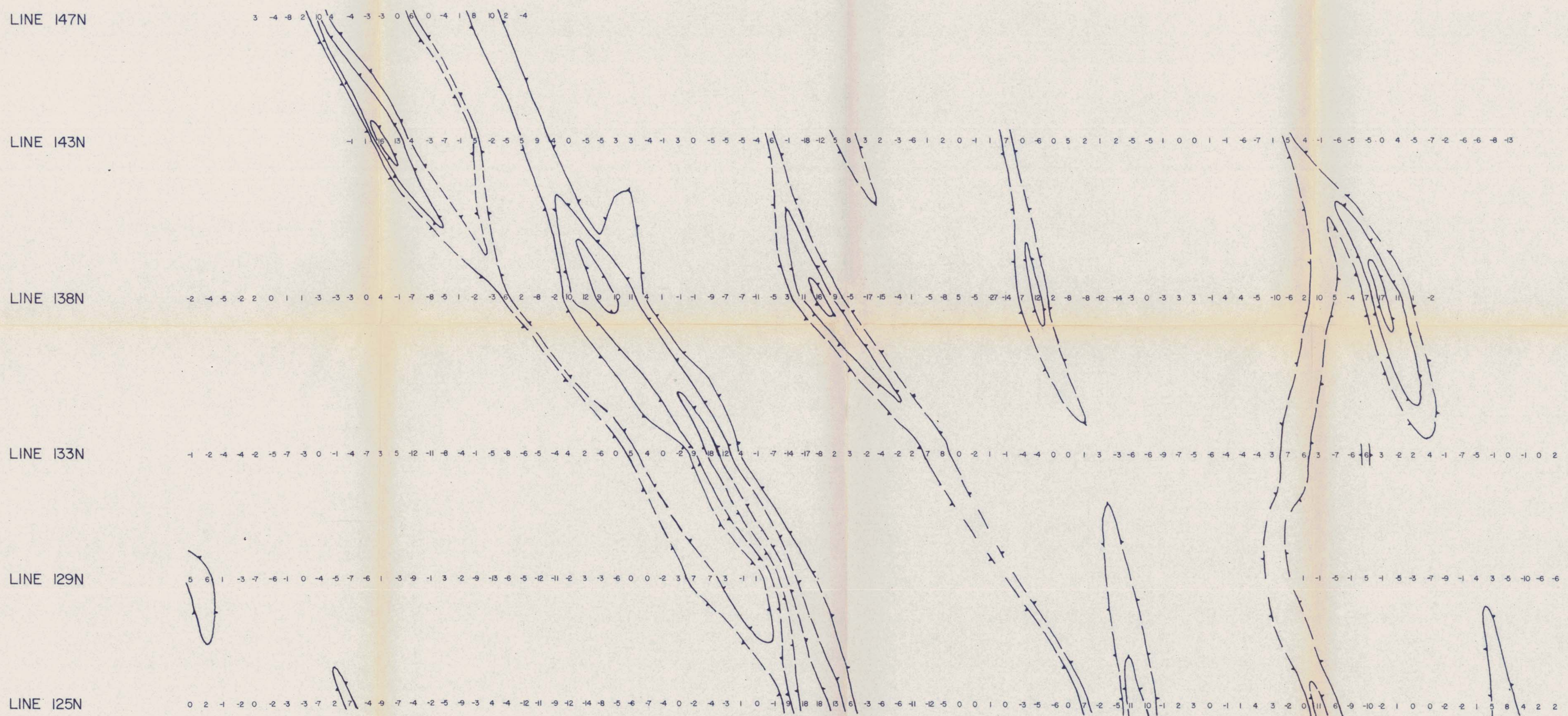
Department of **Geochemistry** *C soil horizon*
Mines and Petroleum Resources (silver)
ASSESSMENT REPORT
NO. 5194 M.P. #9
contour of > 1 ppm Ag
contour of > 3 ppm Ag

**5194
M9**

GORD CLAIMS
UNION MINIERE EXPLORATIONS
and MINING CORPORATION LTD.
SCALE: 1" = 800' CONTOUR INTERVAL 50' MAP REFERENCE 94E
DATE OF PHOTOGRAPHY _____ SHEET 1 OF 1
DATUM G. S. C.
RECONNAISSANCE MAP - PENCIL MANUSCRIPT
Lockwood Survey Corporation Limited West Coast Division 73 255



0 2E 4E 6E 8E 10E 12E 14E 16E 18E 20E 22E 24E 26E 28E 30E 32E 34E 36E 38E 40E 42E 44E



LEGEND
 Contour Interval: 5, 10, 15, & 20
 Transmitter: Jim Creek, Washington - Freq. 18.6 KHz
 Faced Easterly for all Readings.

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 5194 MAP #11

To accompany report dated September 30, 1974 by Alfred A. Burgoyne, P. Eng., entitled Geological Survey, Geochemical Soil Survey and Electromagnetic Survey on the Cord 1-40 mineral claims, in the Onineca Mining Division, B.C.

5194
 m 11

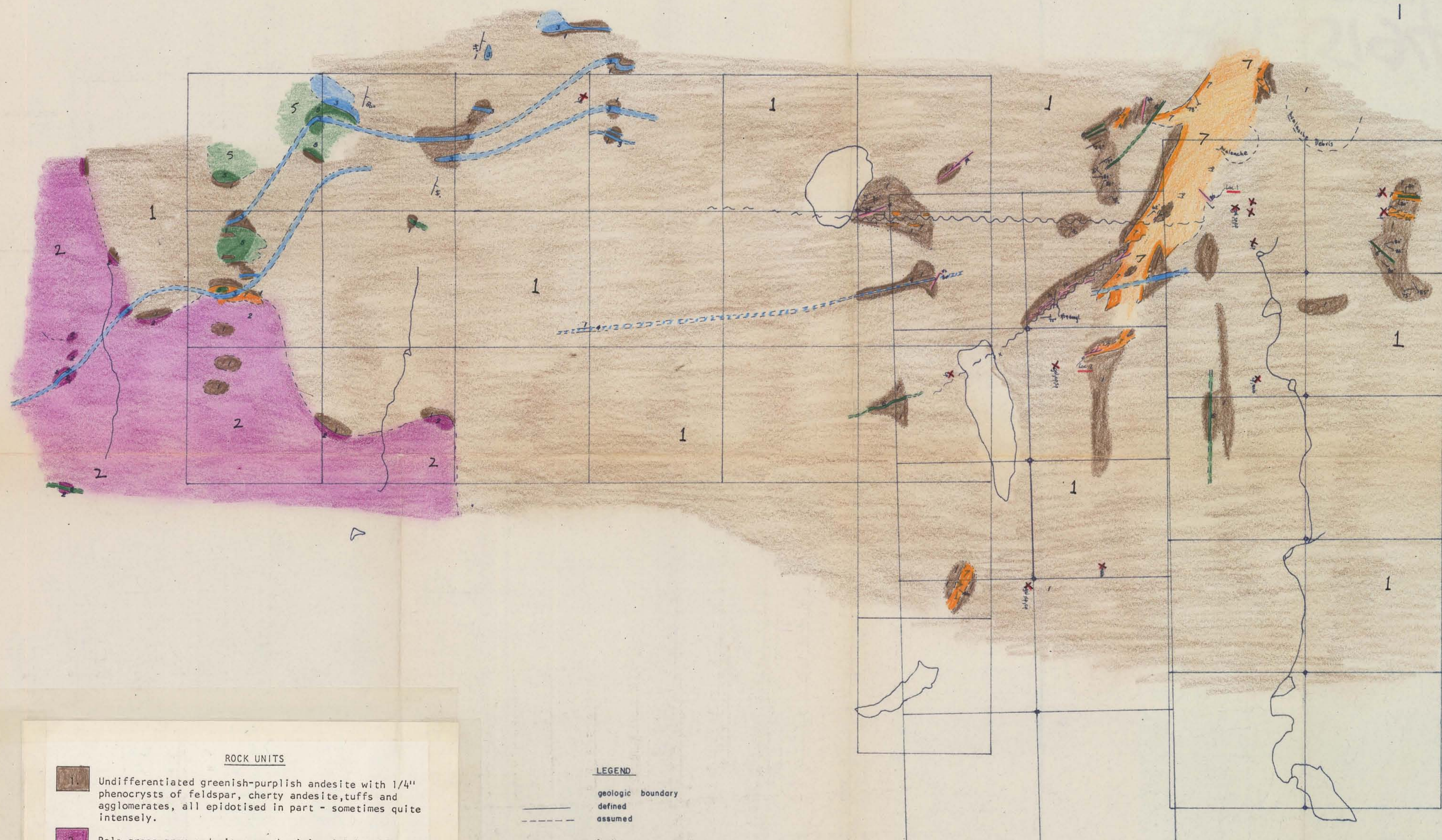
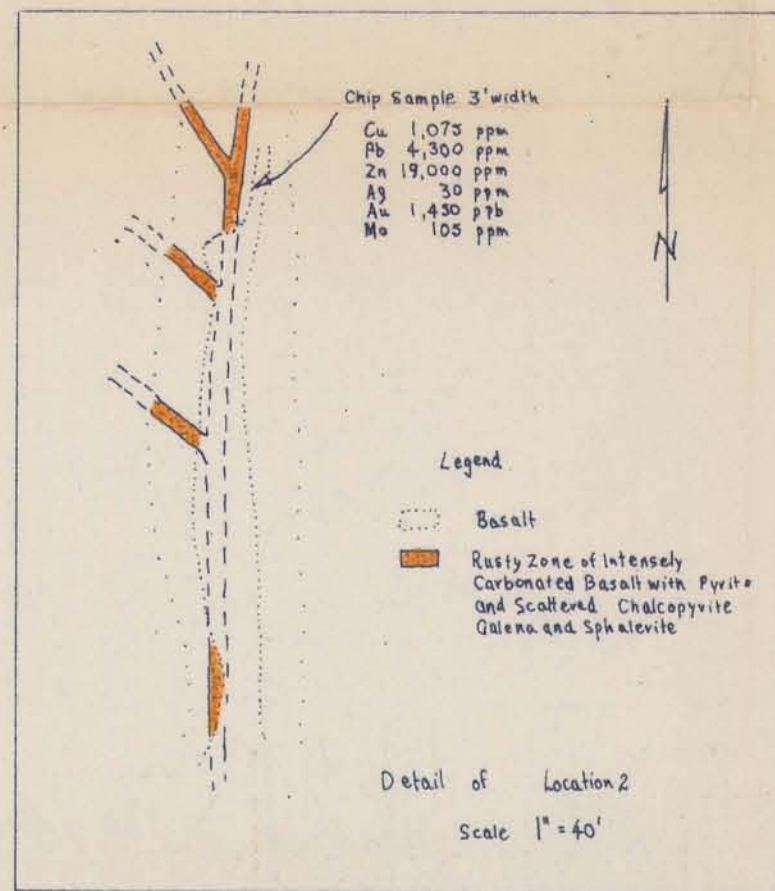
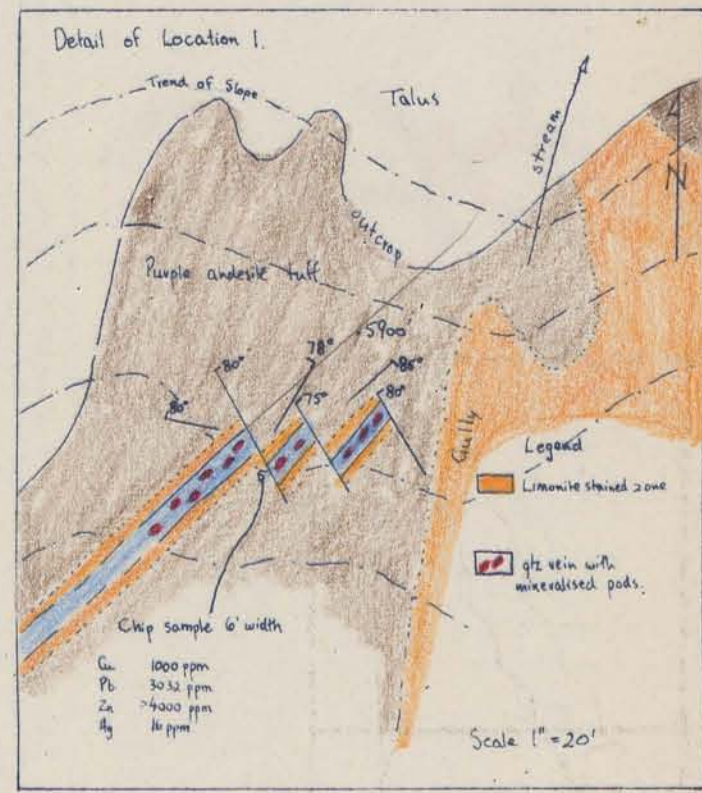
FIGURE II
FINLAY PROJECT
GORD CLAIMS
ELECTROMAGNETICS
(EM-16)
CONTOURED FILTERED IN-PHASE

Scale: 0 200' 400'

UMEX CORPORATION LTD.

DRAWN BY: H. HOLM
 DATE: AUG. 17, 1974
 SURVEYED BY: M. MILICIS, H. HOLM

DWG. No.



- ROCK UNITS**
- 1. Undifferentiated greenish-purplish andesite with 1/4" phenocrysts of feldspar, cherty andesite, tuffs and agglomerates, all epidotised in part - sometimes quite intensely.
 - 2. Pale green-grey andesite, porphyritic with hornblende, feldspar phenocrysts with lenses of agglomerate.
 - 3. Light brown felsite.
 - 4. Pink felsite with minor chalcopyrite in quartz veins.
 - 5. Dark green volcanic intrusive.
 - 6. Basic dykes andesitic-basaltic.
 - 7. Bleached, pyritised, limonite stained zone.
 - Quartz veins.
 - Mineralization in float.

- LEGEND**
- geologic boundary defined assumed
 - fault defined assumed
 - strike and dip
 - joint, fracture inclined vertical
 - float chalcopyrite malachite sphalerite galena quartz pyrite

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Fig. 2

5194
M2

GORD Claim Group
Geology

Scale: 1" = 800'

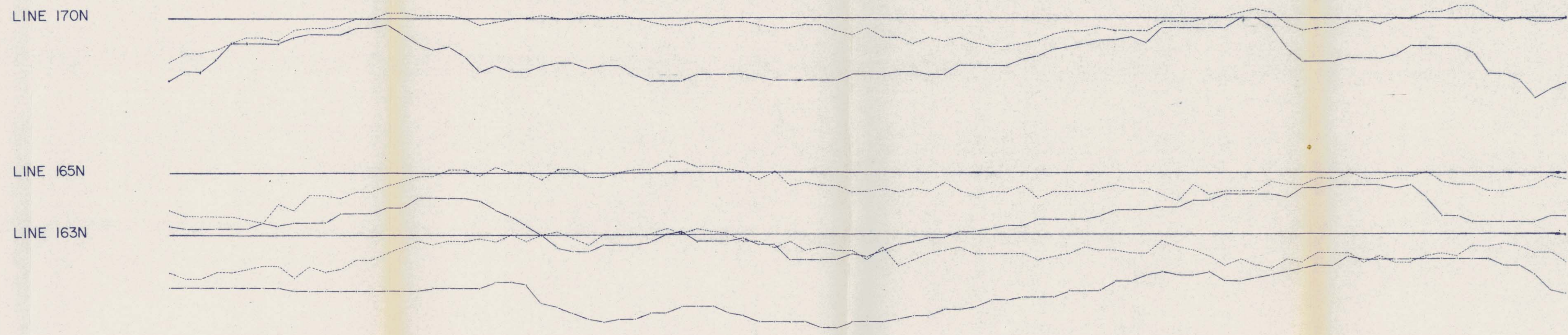
UMEX CORPORATION LTD.

DRAWN BY: R.S. Tolbert
DATE: Sept. 1974
SURVEYED BY: R.S. Tolbert

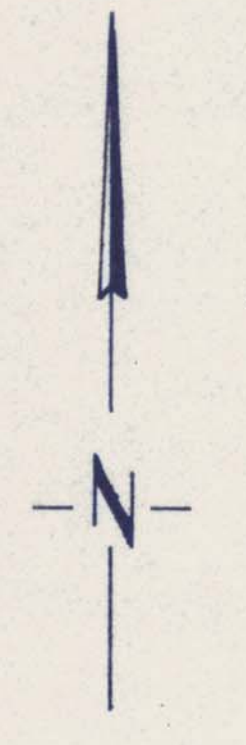
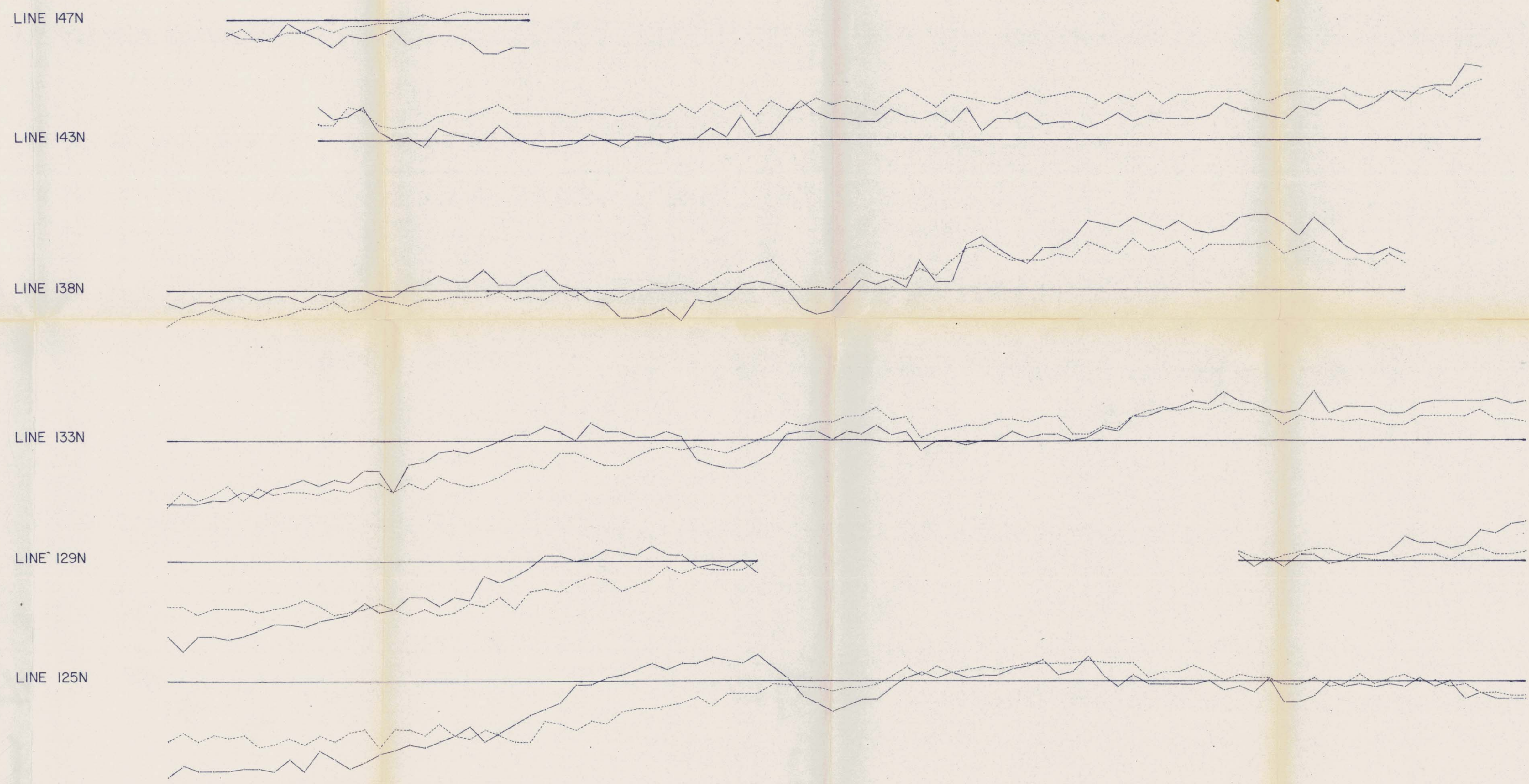
DWG. No.

To accompany report dated September 30, 1974 by Alfred A. Burgoyne, P.Eng., entitled Geological Survey, Geochemical Soil Survey and Electromagnetic Survey on the GORD 1-40 mineral claims, in the Omineca Mining Division, B.C.

Alfred A. Burgoyne



0 2E 4E 6E 8E 10E 12E 14E 16E 18E 20E 22E 24E 26E 28E 30E 32E 34E 36E 38E 40E 42E 44E



5194
M 10

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Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5194 MAP #10

Vertical EM Scale: 1:20%
Transmitter: Jim Creek, Washington - Freq. 18.6KHz
Faced Easterly for all Readings.

Alfred A. Burgoyne

To accompany report dated September 30, 1974 by Alfred A. Burgoyne, P. Eng., entitled Geological Survey, Geochemical Soil Survey and Electromagnetic Survey on the Gord 1-40 mineral claims, in the Omineca Mining Division, B.C.

Figure 10

FINLAY PROJECT
GORD CLAIMS
ELECTROMAGNETICS
(EM-16)
PROFILES

Scale: 0 200' 400' NTS 94E/8

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DRAWN BY: H. HOLM
DATE: AUG. 17, 19, 28, 29, 1974
SURVEYED BY: M. MILES, H. HOLM

DWG. No.