92I/7W

GEOPHYSICAL REPORT

ON THE

CHATAWAY-BETHLEHEM OPTION

Highland Valley Area
N.T.S. 92-I/7
Nicola Mining Division, British Columbia

FOR

ASELO INDUSTRIES LTD. (NPL)
401 - 550 Burrard Street
Vancouver 1, B.C.

BY

M. H. Sanguinetti, B.Sc.
Geologist

Supervised by

A. F. Reeve, P.Eng.

CORDILLERAN ENGINEERING LIMITED
1418 - 355 Burrard Street
Vancouver 1, B.C.

NOVEMBER 30, 1972

CLAIMS: Wiz, Gee, Pal, Rex, Add, STA, LV, LG, HC, ML

LOCATION: 15 miles northerly from Merritt, B.C. and 4 miles south of Mamit Lake

DATE: September 28 to October 27, 1972

4056

4056

GEOPHYSICAL REPORT

ON THE

CHATAWAY-BETHLEHEM OPTION

Highland Valley Area

N.T.S. 92-I/7

Nicola Mining Division, British Columbia

FOR

ASELO INDUSTRIES LTD. (NPL)
401 - 550 Burrard Street
Vancouver 1, B.C.

BY

M. H. Sanguinetti, B.Sc.
Geologist

Supervised by

A. F. Reeve, P.Eng.

CORDILLERAN ENGINEERING LIMITED
1418 - 355 Burrard Street
Vancouver 1, B.C.

NOVEMBER 30, 1972

CLAIMS: Wiz, Gee, Pal, Rex, Add, STA, LV, LG, HC, ML

LOCATION: 15 miles northerly from Merritt, B.C. and 4 miles south of Mamit Lake.

DATE: September 28 to October 27, 1972.

TABLE OF CONTENTS

APPENDICES

I N T R O D U C T I O N

This report has been written at the request of Mr. W. J. Coulter, president of Aselo Industries Ltd. (NPL). It describes a magnetometer survey conducted over certain claims held under option from Bethlehem Copper Corp. and Chataway Exploration Co. Ltd. (NPL) and located on the eastern side of Chataway's Highland Valley claim group.

Purpose of the survey was twofold: first, to delimit the contact between the intrusive rocks of the Guichon Creek Batholith and the enclosing Nicola volcanics and second, to locate any areas of anomalous magnetic expression which could be related to alteration zones and economic mineralization.

This report has been written to comply with the British Columbia Department of Mines and Petroleum Resources requirements for assessment purposes.

LOCATION AND ACCESS

(Figure 1)

The claims are located near the eastern side of the Highland Valley District in the south central area of British Columbia at latitude 50°20'N and longitude 120°50'W.

Access to the property is by 8 miles of paved road from Merritt to Craigmont Mine and then by about 10 miles of gravel roads to the centre of the working area. Alternate access may be from the Mamit Lake road. Numerous exploration and logging roads provide access to all parts of the property.

PROPERTY

(Figure 2)

The property consists of a total of 154 located and 8 crown-granted contiguous mineral claims in the Nicola Mining Division. Of these claims 52 are owned by Bethlehem Copper Corporation Ltd. and 110 are owned by Chataway Exploration Co. Ltd. (NPL). All are held under an option by Aselo Industries Ltd. (NPL).

The claims to which this report pertains are as follows:

CLAIM NAME	RECORD NO.	RECORD DATE	TITLE
Wiz 61	23357 B	February 11	Chataway
62	23358 B	February 11	"
63	23359 B	February 11	"
64	23360 B	February 11	"
65	23361 B	February 11	"
66	23362 B	February 11	"
95	23505 B	February 26	"
97	23507 B	February 26	"
99	23509 B	February 26	"
100	23548 O	March 1	"
101	23549 O	March 1	"
102	23550 O	March 1	"
103	23551 O	March 1	"
104	23552 O	March 1	"
105	23553 O	March 1	"
106	23556 O	March 1	"
107	23557 O	March 1	"
123 Fr	36967 G	June 6	"

PROPERTY (cont'd)

CLAIM NAME		RECORD NO.	RECORD DATE	TITLE
Rex	9	35088 G	June 15	Chataway
	10	35089 G	June 15	"
LV	7	45543 E	May 27	Chataway
	8	45544 E	May 27	"
ADD	1	45385 E	May 19	Chataway
	2	45386 E	May 19	"
	3	45387 E	May 19	"
	4	45388 E	May 19	"
	5	45389 E	May 19	"
	6	45390 E	May 19	"
STA	1	45260 E	May 8	Bethlehem
	2	45261 E	May 8	"
	4	45263 E	May 8	"
	5	45264 E	May 8	Chataway
	6	45265 E	May 8	"
	7	45266 E	May 8	Bethlehem
	8	45267 E	May 8	"
	9	45268 E	May 8	"
	10	45269 E	May 8	"
	11	45270 E	May 8	Chataway
	12	45271 E	May 8	"
LG	1	46192 G	June 23	Bethlehem
	2	46193 G	June 23	"
PAL	7	27094 A	January 28	Chataway
	8	27095 A	January 28	"
	9	27096 A	January 28	"
	11	27098 A	January 28	"
	12	27099 A	January 28	"
HC	"O" Fr	4206 K	August 22	Bethlehem
	"A" Fr	1817 A	January 12	"
	"F" Fr	3991 G	June 25	"

PROPERTY (cont'd)

CLAIM NAME	RECORD NO.	RECORD DATE	TITLE
HC 3	1669 R	December 13	Bethlehem
4	1670 R	December 13	"
5	1671 R	December 13	"
6	1672 R	December 13	"
7	1673 R	December 13	"
36	1701 R	December 13	"
37	1702 R	December 13	"
38	1703 R	December 13	"
ML 4	48554 (O)	March 22	Bethlehem
5	48555 (O)	March 22	"
103 Fr	48550 (O)	March 22	"
104 Fr	49432 E	May 19	"
105 Fr	49433 E	May 19	"
MYRTLE 7	1765 A	January 5	Bethlehem
L 997	Plymouth Queen (CG)		Bethlehem
L 1254	King Solomon Dream (CG)		Bethlehem

PHYSIOGRAPHY
VEGETATION AND CLIMATE

The Highland Valley forms part of the Interior Plateau physiographic region of British Columbia and has an average elevation of about 4,700 feet. Locally elevations range from 3,200' in the southeast to 5,200' in the northwest.

Rock exposures on the property are limited by a thick blanket of glacial till which generally exceeds 15 feet. Natural outcrop represents only about 5% of the surface area.

Much of the property is covered by areas of windfall or dense stands of lodgepole pine. Spruce and fir grow in the more moist localities and at lower elevations. Numerous lakes, streams and swamps provide sufficient water for drilling purposes the year round.

Climate is typical of the southern interior, with an average annual precipitation of about 12 inches recorded at Mamit Lake. Temperature extremes range from 95° F in

PHYSIOGRAPHY, VEGETATION AND CLIMATE (cont'd)

August to -50° F in January. The snow-free period generally lasts from the beginning of May to mid-November, however, it is possible to conduct some types of field work throughout the winter.

HISTORY

Early work in this vicinity started about 1887 with the discovery of chalcocite at the Aberdeen Mine. Small shipments of ore grading over 7% copper were shipped in 1916 and 1917.

The Vimy Mine was located about 1920. Development of the Upper Vimy consisted of a 155 foot shaft and a short crosscut, while the Lower Vimy was developed by two short adits. Some high grade ore was shipped prior to 1927.

No further records are available until 1955, 1956 and 1957 when the Vimy Mine was optioned to Northwestern Explorations Limited (now Kennco Explorations). Soil sampling, bulldozer stripping, a magnetometer and other geophysical surveys and surface diamond drilling were conducted during this period.

Chataway Mining Syndicate was formed in 1956 to hold claims in the Roscoe Creek area and was incorporated as

HISTORY (cont'd)

a public company in 1962. Claim holdings were extended every year by staking. The Southeast Quarter of this property, including the Vimy Mine and Zone 4, was acquired in 1965. This section was optioned to Bralorne Pioneer Mines (and Pacific Petroleums from 1965 to 1967). Their work delimited approximately 324,000 tons grading 1.26% Cu in Zone 4. During 1968 to 1969 the Chataway claims were under option to King Resources Company who conducted mapping and partial induced polarization, magnetic and geochemical surveys. From January to October, 1970, Asarco optioned the Chataway claims and performed extensive percussion drilling. From April to December, 1971, Bethlehem Copper Corporation conducted surveying and percussion drilling on jointly held ground which included the area of this survey.

The present survey was designed to complete ground magnetic coverage of the Chataway-Bethlehem claims by extending the 1965 Bralorne survey to the east and by extending the 1957 Northwestern Explorations survey to the north.

REGIONAL GEOLOGY

The Chataway property is on the eastern side of and underlain by various phases of the Guichon Creek batholith. This batholith is an elliptical shaped complex of Lower Jurassic age (198 ± 8 my) composed of roughly concentric rings of granitic rocks of varying composition. The major axis of the batholith lies at N 10° W and is approximately 40 miles long, the minor axis is approximately 16 miles long. It has intruded volcanic and sedimentary rocks of both Cache Creek and Nicola Groups and is overlain by remnants of volcanic and sedimentary rocks of the Kamloops and Kingsvale Groups.

The batholithic rocks consist of seven nearly concentric major phases which in general decrease in relative age inwards (Northcote, p.21). The Hybrid phase is peripheral and the oldest of the batholith. The Highland Valley phase is younger and lies within the Hybrid phase and consists of two varieties, Guichon and Chataway, which are abundant in the north and south of the batholith respectively. The LeRoy

REGIONAL GEOLOGY (cont'd)

"Granodiorite" is a sub-phase which occurs in large irregular masses within the Chataway variety rocks. The Gump Lake phase is granodiorite and quartz monzonite and occurs on the east side of the batholith, north of the Chataway property. The Bethlehem phase occurs as a granodiorite ring encircling the central core of the batholith. The Witches Brook phase consists of three varieties which occur almost throughout the batholith. It has wide variation in texture and composition and is of intermediate age. The Bethsaida phase forms the core of the batholith and is composed predominantly of quartz monzonite. Porphyry dykes and bodies occur in the Bethsaida, Bethlehem and Highland Valley phases.

PROPERTY GEOLOGY

Previous geological mapping covering the Aselo option has been described in reports by P. E. Hirst (1956-57), K. E. Northcote (1968), W. Meyer (1968) and D. C. Miller (1971).

The main portion of the claim group is underlain by Witches Brook (Dot) phase quartz monzonite and granodiorite which has intruded Chataway variety rocks. Along the north-eastern border of the claims the Witches Brook and Chataway rocks are in contact to the east with the marginal Hybrid or "gabbroic" phase. This varies from quartz diorite to gabbro and possibly resulted from a mixture of Chataway granodiorite with Nicola rocks. Outcrops of Rex (LeRoy) granodiorite occur between the Hybrid and Dot phases in the vicinity of the Vimy and Aberdeen Mines. A few scattered outcrops of Nicola Volcanics (Triassic) have been mapped on the eastern portion of the Bethlehem claims.

Kamloops Group (Tertiary) volcanics in the form of dark green and brown vesicular basalt overlie batholithic rocks near Gypsum Mountain and Cougar Lake. Areal extent of

PROPERTY GEOLOGY (cont'd)

this rock is not large.

Copper mineralization is widespread on the property occurring as high-grade shears and veins (Zone 4 and Aberdeen) and lower grade disseminations and veinlets (Vimy and Guichon Creek). Mineralization has been found in all batholithic phases and chiefly occurs as chalcopyrite, bornite, chalcocite and native copper. It is mainly associated with northwesterly and northerly striking fracture and fault zones. Finely disseminated native copper occurs in Witches Brook "B" granodiorite.

MAGNETOMETER SURVEY

(Figures 2 & 3)

This magnetometer survey was conducted for three principal reasons. Firstly, to complete the survey coverage over the entire claim holdings in order to get an overall view of any magnetic features,secondly, to locate any anomalous magnetic features which may exist along the batholith-Nicola volcanic contact such as might be caused by a Craigmont-type deposit and thirdly, to define any large areas of low magnetic response which might be caused by a substantial amount of alteration.

The grid lines were hand cut and flagged at 100 foot intervals on lines spaced 400 feet apart. They were turned off a baseline on the west side from the existing company grid using a chain and brunton compass for control. The Bethlehem 38,000 E baseline was crossed in the centre of the survey. Topographic control was maintained using air photographs and 1,000' scale maps prepared from air photographs. Where possible, the lines were tied in to claim posts and to survey points established in 1971 by McWilliam, Whyte, Goble and Associates, British Columbia Land Surveyors.

MAGNETOMETER SURVEY (cont'd)

The survey instrument used was a Sharpe MF-1 Fluxgate Magnetometer. Readings were taken every 100 feet along the lines and were read to the nearest 20 gammas on the most sensitive scale range. Base stations were established on each line, generally on the roads. All traverses were closed to a base station starting point and readings were corrected for diurnal variation.

SURVEY RESULTS

(Figure 3)

Contouring of the corrected readings at 200 gamma contour intervals revealed a strong northerly trend parallel to the Guichon Creek Valley. This trend is caused by several factors among which are the bias of contouring 100 foot stations along east-west lines spaced at 400 feet, the northerly trending geological contacts between different batholithic phases and between the batholith and the Nicola volcanics and by northerly trending structures as noted at the Vimy Mine and beneath Guichon Creek.

The present survey is characterized by a magnetic high extending down the centre of the survey area and splitting into two relatively distinct highs in the southeast and southwest corners. On the basis of past drilling results it is thought that this feature is caused by two separate rock types. The central and southwestern highs are underlain by a hybrid phase of granodiorite while the relatively discrete high in the southeast is possibly an area underlain by Nicola volcanics (andesite).

SURVEY RESULTS (cont'd)

Three magnetically low features are also apparent in these results. On the west central side of the survey a low, trending approximately N 20° W, passes through the area of the Vimy mine. Past drilling has shown that this low is caused by alteration of granitic rocks along a northwesterly trending structure. Magnetite has generally been replaced by hematite; minor to trace amounts of copper mineralization have been recorded. The second low feature trends approximately N 20° E and lies roughly parallel to Guichon Creek. Early drilling south of the survey area has shown that this low feature could be caused by fault and shear structures with subsequent alteration of batholithic rocks. Depth of overburden along this low varies from 40 feet to in excess of 150 feet. The third low feature lies to the east of and adjoins the second in the central and northern part of the survey area. It is suggested that this may in part be caused by alteration of intrusive rocks near the batholith-volcanic contact. A N 10° W trend of this feature may be a reflection of underlying structure.

SUMMARY AND CONCLUSIONS

Aselo Industries Ltd. (NPL) controls a block of 162 mineral claims in the Nicola Mining Division held under option from Bethlehem Copper Corporation Ltd. and Chataway Exploration Co. Ltd. These are located 15 miles north of Merritt, B.C. on the eastern side of the Guichon Creek batholith.

Previous exploration work on these claims has included geological mapping, geochemical and geophysical surveys, diamond and percussion drilling.

The area covered by this magnetometer survey covers the contact between andesites of the Nicola volcanics and intrusive rocks of the Guichon Creek batholith. These intrusive rocks are represented by granodiorite, quartz diorite and quartz monzonite of the Witches Brook (Dot), Chataway, LeRoy and Hybrid phases. Copper mineralization in varying amounts is known to occur in all intrusive rock types.

A magnetometer survey was conducted to complete the survey coverage of the entire claim holdings and to attempt

SUMMARY AND CONCLUSIONS (cont'd)

to locate areas of anomalously high or low reading which could be indicative of alteration, with possibly accompanying copper mineralization. Two magnetic high features are recorded which appear to correlate with known geology, specifically the Hybrid phase and Nicola volcanics. Three magnetic low features are present, two of which appear to be associated with major structures and alteration. Cause of the third feature is not known but is suspected to be from alteration associated with a northwest trending structure.

RECOMMENDATIONS

It is recommended that:

1. The results of this survey be correlated with those of surrounding magnetometer surveys, known geology and all drilling data.

2. An induced polarisation survey employing 800 foot electrode intervals be conducted over those portions of the survey area which have anomalously high or low magnetic features, the causes of which have not been satisfactorily explained.

3. Contingent upon the selection of any anomalous areas, a restricted programme of percussion drilling should be conducted.

Respectfully submitted

CORDILLERAN ENGINEERING LIMITED

M.H.Sanguinetti, B.Sc., Geologist

Supervised by:

A. F. Reeve, P.Eng
Geological Engineer

November, 1972

APPENDIX "A"

QUALIFICATIONS OF PERSONNEL

QUALIFICATIONS OF PERSONNEL

GRAHAM, J.

395 William Street,
North Burnaby, British Columbia

Experience: Miner, prospector, linecutter

Employed: October 9 - October 19, 1972
Salary: $40/day for 11 days = $440.00

HORNE, Andrew P.

Box 25
Little Fort, British Columbia

Experience: Miner, prospector, linecutter, assistant on geochemical and geophysical surveys.

Employed: September 28 - October 19, 1972
Salary: $40/day for 20 days = $800.00

VISSER, S

c/o 1418 - 355 Burrard Street
Vancouver 1, British Columbia

Education: Haileybury School of Mines graduate (1971)

Experience: Previous experience as magnetometer operator, prospector, geologists assistant and linecutter with Cordilleran Engineering Limited (1972), Brinex (1971), Patino (1970) and Newmont Mining (1968-69).

Employed: September 28 - October 27, 1972
Salary: $25/day for 30 days = $750.00

APPENDIX "B"

REFERENCES

REFERENCES

BAYLEY, E.P.

1970: "Summary Report of Percussion Drilling Program", Asarco, Private Report.

BRITISH COLUMBIA

Minister of Mines Reports for the years 1923, 1925, 1926, 1955-1969.

COCKFIELD, W.E.

1948: "Geology and Mineral Deposits of Nicola Map-Area, British Columbia". Geol.Surv. Can., Mem. 249.

DUFFELL, S. and McTAGGART, K.C.

1951: "Ashcroft Map-Area, British Columbia", Geol.Surv.Can., Mem. 262.

HIRST, P.E.

1956: "Progress Report for 1956, Guichon Creek Area, Nicola M.D., British Columbia", Northwestern Explorations Limited, Private Report.

1957: "Final Report, Guichon Creek Area, Nicola M.D., British Columbia", Northwestern Explorations Limited, Private Report.

McTAGGART, K.C.

1963: "Report on the Highland Valley Property of Chataway Exploration Co. Ltd.", Private Report.

MEYER, W.

1968: "Summary Report on Geological Geophysical & Geochemical Surveys of the Chataway Exploration Co.Ltd. (NPL) Property". King Resources Company, Private Report.

REFERENCES (cont'd)

MILLER, D.C.

1971: "Geological Report on the Mamit Lake Project, Mamit Lake Area, B.C.", Bethlehem Copper Corporation Ltd., Private Report.

NORTHCOTE, K.E.

1968: "Geology and Geochronology of the Guichon Creek Batholith", Ph.D.Thesis, University of British Columbia.

SANGUINETTI, M.H.

1971: "Geology, Mineralization and Exploration, Southeast Quarter - Highland Valley Property", Chataway Exploration Co.Ltd., Private Report.

1972: "Geochemical Report on the Cu Fr. and TDM Claims, Highland Valley Area", Chataway Exploration Co. Ltd., Assessment Report.

WEEKS, J.P. and MEYERS, E.P. and JAMES, D.H.

1965-1967: Miscellaneous Reports by Bralorne-Pioneer Mines.

APPENDIX "C"

STATUTORY DECLARATION

DOMINION OF CANADA:

PROVINCE OF BRITISH COLUMBIA.

TO WIT:

In the Matter of Affidavit on Application for Certificates of Work, B.C. Department of Mines & Petroleum Resources.

I, WILLIAM JOHN COULTER

of 401, 550 Burrard Street, Vancouver 1

in the Province of British Columbia, do solemnly declare that the following represents the full cost of a Magnetometer Survey conducted on the southeast portion Chataway Mineral Claim Group and Bethlehem Copper Corporation Ltd. Mamit Lake Group - Nicola Mining Division during September and October, 1972.

Supervisor: M. Sanguinetti, Cordilleran Engineering Ltd.

Crew: Andrew Horne, John Graham, Sydney Vissar

Wages		$ 1,990.00
Vehicle Expense		291.25
Meals & Accommodation		391.67
Supplies		114.34
Telephone		13.03
Equipment Rental		225.00
Consulting Fees & Expenses and Report Preparation		1,401.86
	TOTAL	$ 4,427.15

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the City of Kamloops, in the Province of British Columbia, this 13th day of Dec. 1972 A.D.

William J. Coulter

A Commissioner for taking Affidavits for British Columbia or
A Notary Public in and for the Province of British Columbia.

★o

SUB-MINING RECORDER

In the Matter of

.....

.....

.....

.....

Statutory Declaration

(CANADA EVIDENCE ACT)

APPENDIX "D"

CERTIFICATES

APPENDIX "D"

CORDILLERAN ENGINEERING LIMITED

MINERAL EXPLORATION
MANAGEMENT AND
ENGINEERING CONSULTANTS

1418-355 BURRARD STREET
VANCOUVER 1, B.C.
TELEPHONE (604) 681-8381

WRITER'S CERTIFICATE

I, Michael H. Sanguinetti, of Vancouver, B.C. hereby certify that:

1. I am a geologist residing at 2208 West 35th Avenue, and employed by Cordilleran Engineering Limited of 1418 - 355 Burrard Street, Vancouver 1, B.C.

2. I am a graduate of the University of British Columbia, B.Sc., in 1965, and have practiced my profession since that time.

3. I am the author of this report which is based on a magnetometer survey conducted on the Chataway-Bethlehem option of Aselo Industries Ltd. during the period September 28th to October 27th, 1972.

CORDILLERAN ENGINEERING LIMITED

M. H. Sanguinetti

M. H. Sanguinetti, B.Sc.
Geologist

November 30, 1972
Vancouver, B.C.

CORDILLERAN ENGINEERING LIMITED

MINERAL EXPLORATION
MANAGEMENT AND
ENGINEERING CONSULTANTS

1418-355 BURRARD STREET
VANCOUVER 1, B.C.
TELEPHONE (604) 681-8381

SUPERVISOR'S CERTIFICATE

I, Albert F. Reeve, of West Vancouver, B.C. hereby certify that:

1. I am a geological engineer residing at 1090 Aubeneau Crescent.

2. I am employed by Cordilleran Engineering Limited with offices at 1418 - 355 Burrard Street, Vancouver, B.C.

3. I am a graduate of the Provincial Institute of Mining at Haileybury, Ontario, 1958, and received a Bachelor of Science degree from Michigan College of Mining and Technology at Houghton, Michigan in 1961.

4. I am a certified member of the Associations of Professional Engineers in the provinces of Ontario and British Columbia.

5. I supervised the writing of this report which is based on a magnetometer survey conducted on the Chatsway-Bethlehem option of Asalo Industries Ltd. during the period September 28 to October 27, 1972.

Respectfully submitted

CORDILLERAN ENGINEERING LIMITED

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. F. REEVE

A. F. Reeve, P.Eng.

November 30, 1972
Vancouver, B.C.

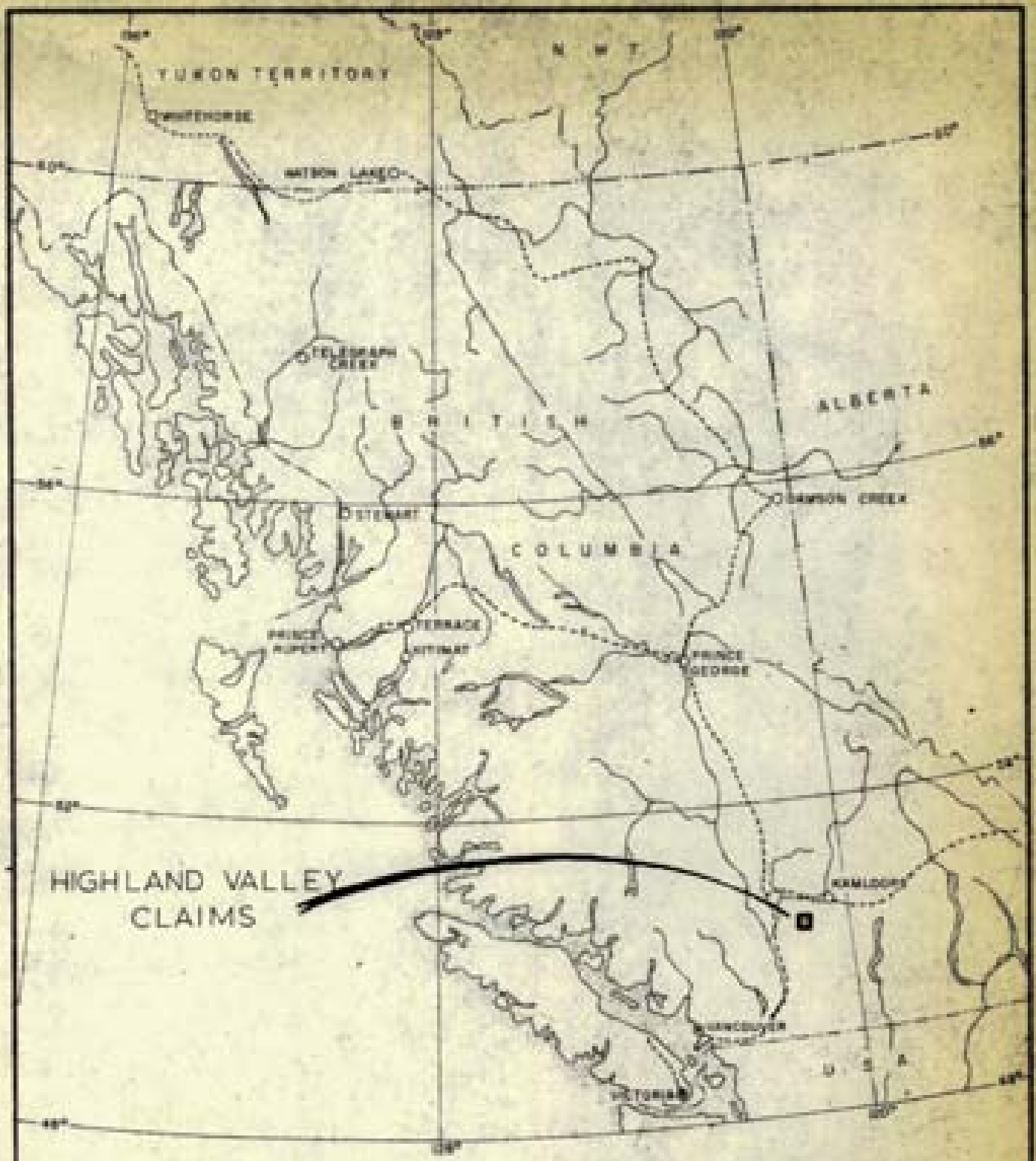
APPENDIX "E"

MAPS

FIGURE 1: Property Location Map

FIGURE 2: Claim Map

FIGURE 3: Magnetometer Survey



ASELO INDUSTRIES LTD.

PROPERTY LOCATION MAP

BRITISH COLUMBIA

SCALE - 1" = 125 MILES

BY

CORDILLERAN ENGINEERING LIMITED

1418-355 BURRARD ST

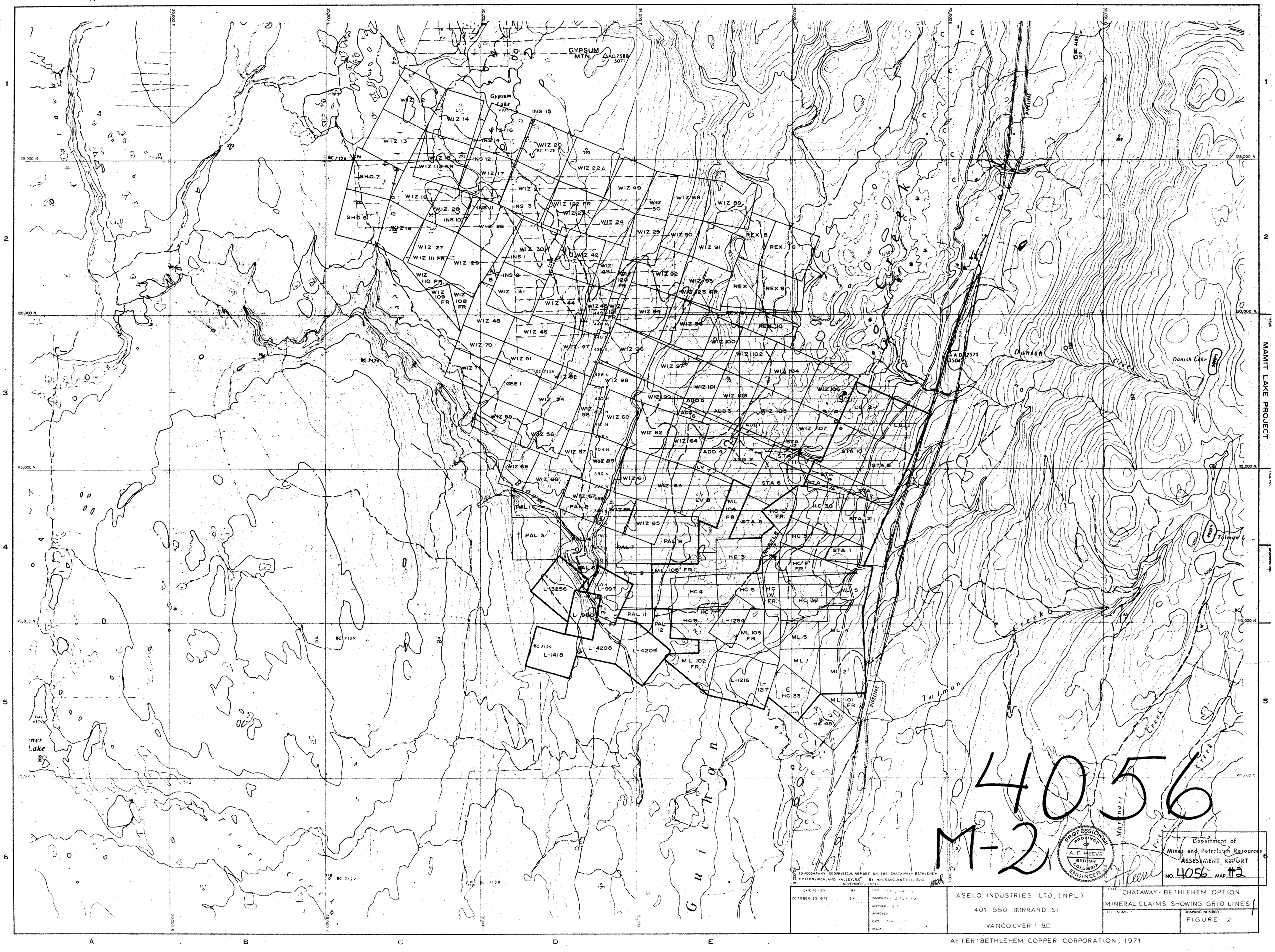
VANCOUVER 1, B.C.

DEC 1, 1972.

FIGURE 1

4056

M-1



4056

M-2

TO ACCOMPANY GEOPHYSICAL REPORT ON THE CHATAWAY - BETHLEHEM OPTION, HIGHLAND VALLEY, B.C. BY H.M. SANGUINETTI; B.Sc NOVEMBER, 1972.

DATE REVISED	BY
OCTOBER 25 1972	S.V.

ASELO INDUSTRIES LTD., (NPL)
401 550 BURRARD ST
VANCOUVER 1 BC

TITLE: CHATAWAY - BETHLEHEM OPTION
MINERAL CLAIMS SHOWING GRID LINES

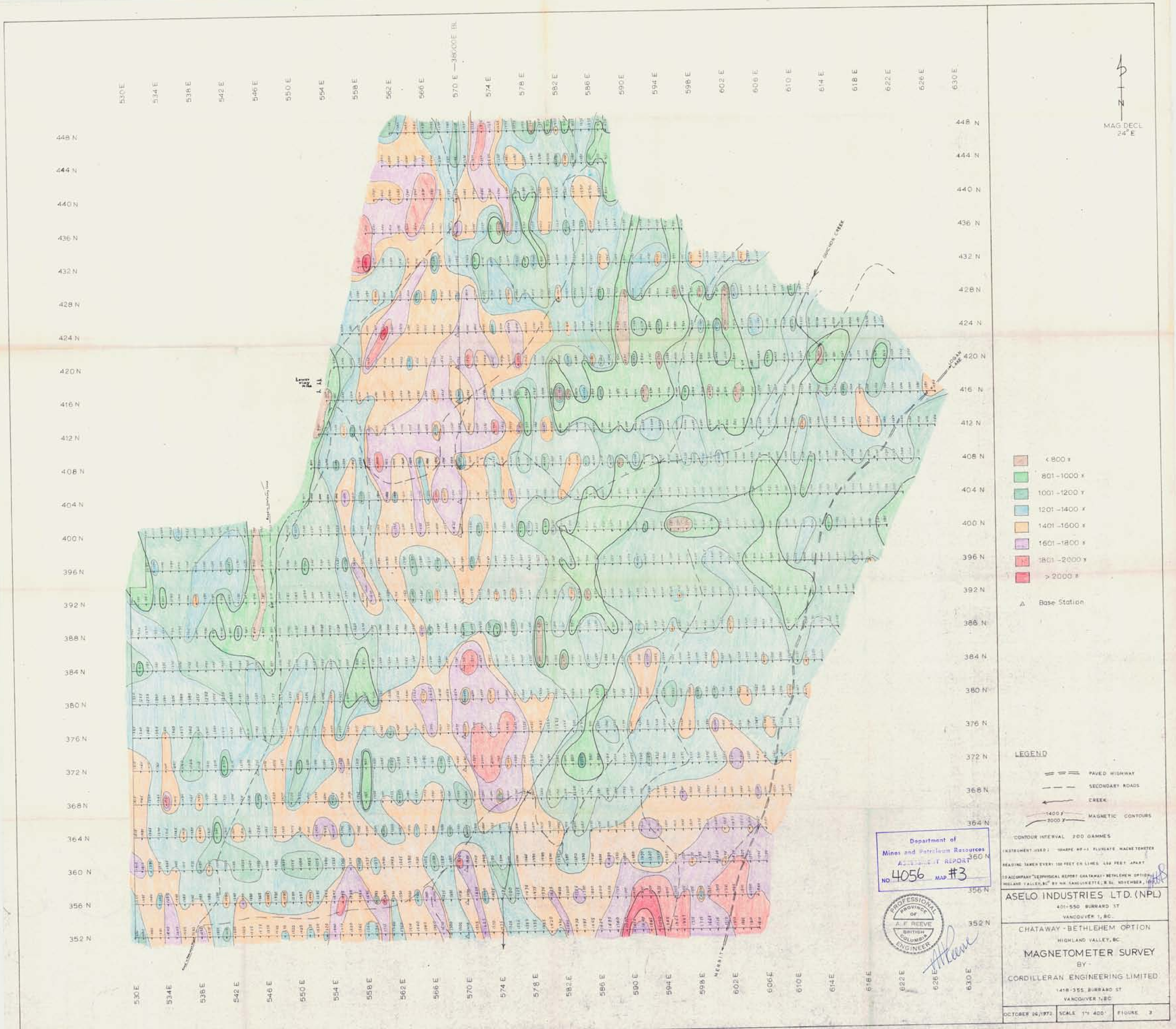
FILE NUMBER —

DRAWING NUMBER — FIGURE 2

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA A. F. REEVE

Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4056 MAP #2

AFTER: BETHLEHEM COPPER CORPORATION; 1971


530 E
534 E
538 E
542 E
546 E
550 E
554 E
558 E
562 E
566 E
570 E — 360/00E BL
574 E
578 E
582 E
586 E
590 E
594 E
598 E
602 E
606 E
610 E
614 E
618 E
622 E
626 E
630 E
448 N
444 N
440 N
436 N
432 N
428 N
424 N
420 N
416 N
412 N
408 N
404 N
400 N
396 N
392 N
388 N
384 N
380 N
376 N
372 N
368 N
364 N
360 N
356 N
352 N
N
MAG DECL 24° E
SKUCHON CREEK
< 800 γ
801 - 1000 γ
1001 - 1200 γ
1201 - 1400 γ
1401 - 1600 γ
1601 - 1800 γ
1801 - 2000 γ
> 2000 γ
Base Station
LEGEND
PAVED HIGHWAY
SECONDARY ROADS
CREEK
1400 γ
2000 γ
MAGNETIC CONTOURS
CONTOUR INTERVAL 200 GAMMES
INSTRUMENT USED : SHARPE MF-II FLUXGATE MAGNETOMETER
READING TAKEN EVERY 100 FEET ON LINES 400 FEET APART
TO ACCOMPANY "GEOPHYSICAL REPORT CHATAWAY-BETHLEHEM OPTION, HIGHLAND VALLEY, B.C." BY NM. SANGUINETTE, B.Sc. NOVEMBER, 1972
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO 4056 MAP #3
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. F. REEVE
ASELO INDUSTRIES LTD. (NPL)
401-550 BURRARD ST
VANCOUVER 1, B.C.
CHATAWAY - BETHLEHEM OPTION
HIGHLAND VALLEY, B.C.
MAGNETOMETER SURVEY
BY -
CORDILLERAN ENGINEERING LIMITED
1418-355 BURRARD ST
VANCOUVER 1, B.C.
OCTOBER 26, 1972
SCALE 1" = 400'
FIGURE 3