COMINCO LTD.

EXPLORATION WESTERN DISTRICT

6138

INDUCED POLARIZATION AND RESISTIVITY SURVEY

MT. MCQUILLAN PROPERTY

ALBERNI M.D., B.C.

92F/2E

Work performed during July 31 - August 23, 1976

on claims:

Sol 26-30, 32, 34 and 36
and on
Sol 2, 12 units tag no: 18100

December 1976

Jan Klein

TABLE OF CONTENTS

****

Figure 1 Induced Polarization Decay Parameters

Plate MQ 74-1 General Location Plan, scale 1" = 16 miles
Plate 106-A Claim map and grid plan, scale 1" = ½ mile
1- Plate 106-76-1 Resistivity in contour form of n = 2 data
2- Plate 106-76-3 Chargeabilities in contour form of n = 2 data

Plates 106-76-1 and 3 are on a scale 1" - 400'

Dwg No. 3-106-1 Geophysical results of 0+00
4-106-2 4W
5-106-3 8W
6-106-4 12W
7-106-5 16W
8-106-6 20W
9-106-7 24W
10-106-8 28W
11-106-9 32W
12-106-10 36W + 40W

****

SUMMARY

An Induced polarization and resistivity survey was executed along ten miles of line over parts of the Mt. McQuillan property during July and August 1976.

The time domain IP survey used a Huntec IP system and a pole-dipole array with a basic spacing of a = 200' and separations n = 2 and 3.

The chargeability results show areas of three different background levels. The highest level of 30 to 40 msecs shows local peaks up to 100 msecs.

The resistivities show a wide range of values. No large scale correlation exists between IP backgrounds and resistivities. Locally, however IP highs do coincide with resistivity lows.

It is recommended to correlate the IP results carefully with available geologic and geochemical data prior to drilltesting.

INTRODUCTION

The Mt. McQuillan property, a porphyry copper prospect, is located 12 miles southeast of Port Alberni, a seaport on the west coast of Vancouver Island. The property is centered at a latitude of 49°07'N and longitude 124°36'W (see Plate MQ-74-1). The elevation of the claims ranges between 1600 and 5200 feet a.s.l. Access is by helicopter to a ridge running north of Mt.McQuillan peak or over reasonably maintained logging roads, which pass the property.

The claim block consists of 40 continuous claims labelled SOL 1-40 and one claim designated SOL 2 comprising 12 units. These claims protect the precious metal rights. The base metal rights are held by CANPAC Minerals, through the E & N Railway Grants. The claimblock is under option to Coast Copper Ltd. The exploration is managed by COMINCO Ltd. The geophysical survey consisting of time domain Induced Polarization (IP) and resistivity measurements was executed over the east central part of the claimblock (see Plate 106-A). A baseline was established in a N80°E direction.

INTRODUCTION cont'd

Traverse lines were established in a north-south direction to the north and in a N170°E direction to the south of the baseline. The lines vary in length from 1400 to 7800 feet.

The survey was executed by Eagle Geophysics Ltd. during the period July 31-August 23, 1976.

GEOLOGY

The rocks which outcrop in the area include the "Sicker Group" volcanics, cross cut by Jurassic and Tertiary intrusions.

On the property the volcanic country rocks comprise most of the outcrops. They have been arbitrarily sub-divided into a dark, massive felsitic andesite, purplish, fragmental volcanics, and a hybrid andesite-diorite member.

A Jurassic diorite intrusion underlies Mt. McQuillan peak. The rock is relatively unaltered, blocky, light grey and coarse grained. Small quartz-feldspar porphyry stocks, dikes and/or sills of Tertiary age also intrude the volcanics. They range in width from about four to more than 500 feet.

A northeasterly trending fracture system appears to have controlled the introduction of the quartz-feldspar porphyry dikes, a few mineralized quartz veins, and many mineralized quartz veinlets.

Total metallic sulphide mineralization ranges up to 5%. Most of this consists of pyrite and pyrrhotite with minor chalcopyrite.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

1. Method

The survey was performed using a Huntec 7.5KW Time Domain transmitter and a Huntec Mark-3 Time Domain receiver.

In all, approximately 10 miles of line were surveyed, on eleven parallel lines spaced 400 feet apart. A pole-dipole array with a basic spacing, a = 200 feet and separations n = 3 and 4 was used, providing an effective search depth

of 400 feet. The position of the potential dipole with respect to the near current electrode is indicated on the drawings showing the results.

Figure 1 shows the instrument parameters of the equipment used. The duty ratio between current on and off times is one, with the current on time being two seconds. The chargeabilities shown on the drawings (see below) were computed as follows: $M_a = (M_1 + 2M_2 + 4M_3 + 8M_4) \times t_p$.

II. Data Presentation

The following data is included with this report:

Plate MQ 74-1: General location plan on a scale of 1" =16 miles

Plate 106-A: Claim map and grid plan on a scale of 1" = ½ mile

Dwg. No.	106-1	results of Line 0+00
	-2	4W
	-3	8W
	-4	12W
	-5	16W
	-6	20W
	-7	24W
	-8	28W
	-9	32W
	-10	36 and 40W

These drawings on a scale of 1" = 200' show the results in standard pseudo-section format. From top to bottom are shown the calculated apparent resistivity ρ_a in ohm-meters, the chargeability, M, in milliseconds and the apparent metal factor. The resistivity is calculated employing the formula: $\rho_a = \frac{V_p}{I} \times K$ in which V_p and I are the primary voltage and current, and K is a geometrical factor dependant on the electrode configuration. The metal factor is defined as follows $\frac{M_a}{\rho_a} \times 1{,}000$. The plotting point is midway between the nearest current and potential electrodes

(see figure on the drawings.)

Only two separations of data were collected so that no contouring was done.

Plate 106-76-1. Resistivity results in contour form of the n = 2 data. Contour interval: 1000 and 5000 ohm-meters.

Plate 106-76-3. Chargeability results in contour form of the n = 2 data. Contour interval: 2 and 10 milliseconds.

Plates 106-76-1 and 3 are on a horizontal scale of 1" = 400'. These plates show also the grid and topographic contours with a 100 feet interval.

DESCRIPTION OF RESULTS

The induced polarization results show a large variation in values.

Values in the range of 5 to 10 msecs were measured along most parts of lines 0+00 to 12W. A local peak of 26 msecs is visible near 8N line 0+00. An increase in background or anomalous level ranging from 25 to 30 msecs is visible near the centre part of line 16W with a further increase along line 20W. Values along this line do not drop below 10 msecs and its centre section shows values as high as 50 msecs.

Line 24W shows a typical cross section of IP values. From south to north are the following backgrounds visible. South of 26S, 15 msecs. Between 20S and 20N do the values rise to a 30 to 40 msecs level with a small section near 10S revealing a peak of 60 msecs. North of 20N do the values drop again to the 10-15 msec range.

Lines 28W - 40W show again background values in the 30 - 40 msecs range with locally higher peaks up to 107 msecs (line 28W - 40N). These areas of higher than 20 msecs values are indicated as anomalous zones on the drawings (DWG 106-76-1 to 10).

The n = 2 and 3 data show no obvious correlation. Some areas show higher n = 2 than n = 3 values, others show the opposite. The data gives an overall impression of a relatively homogeneous distribution of polarizable material with depth, with locally smaller variations. Some of the values measured might be influenced by the ruggedness of the terrain.

In summary it can be said that two and possibly three different IP background levels can be dintinguished. High values of 30 to 40 msecs with peaks up to 100 msec are present in the centre west part of the grid. Values ranging from 10 to 15 msecs surround this area of high backgrounds. Lower values between 5 and 10 msecs are visible in the eastern part of the grid.

The resistivities show a wide range of values from 207 to 16,590 ohm-meters. The change in resistivities does not coincide with the change in background IP values. High resistivities can coincide with lower or higher IP backgrounds. Locally, however, a correlation does exist. The lowest resistivity value of 207 ohm-meters correlates with the highest IP value 107 msecs (line 28W, 40N). Another good example is near line 0+00, 8N where a resistivity low of 1800 ohm-meters coincides with the local IP high of 26 msecs. The reverse of high resistivities coinciding with low IP values is less obvious but not fully absent.

This local correlation between IP and resistivity might be due to the locally interconnected nature of the polarizable material. Veinlets of sulphides or interconnected graphite can cause such correlation. On the other hand, will a thinner cover of talus lower the resistivity and possibly increase the chargeability as well. Local topographic conditions might suggest which of these two possibilities are the most likely cause of each individual IP and resistivity correlation.

CONCLUSION AND RECOMMENDATIONS

A wide Induced Polarization anomaly with values ranging from 30 to 40 msecs and local peaks up to 100 msec was detected on the Mt. McQuillan property.

The different IP background levels might reflect different rocktypes or different concentrations of polarizable materials within a rock unit. It is most likely that sulphides are the main source of these responses. The highest background of 30 to 40 msecs might reflect up to 5% of sulphides by volume. But this figure is strongly dependent on the grainsize of the sulphides. Locally higher amounts (10-15%) could be present to account for the highest IP values of 100 msecs. Unfortunately, no distinction can be made between barren or economically valuable sulphide at present from the IP results. Only trenching or drilling can provide the answer. It is recomm-

ended to correlate the present data carefully with the available geologic and geochemical data prior to planning, trenching or drilling.

Submitted by:

Jan Klein, P. Eng.
Chief Geophysicist

Endorsed for release by:

WTI per S. J. Peabody

W. T. Irvine, P. Eng.
Manager, Western District
Exploration

Distribution:

W. D. Files (1)
Admin Files (1)
Mining Recorder (2) ✓

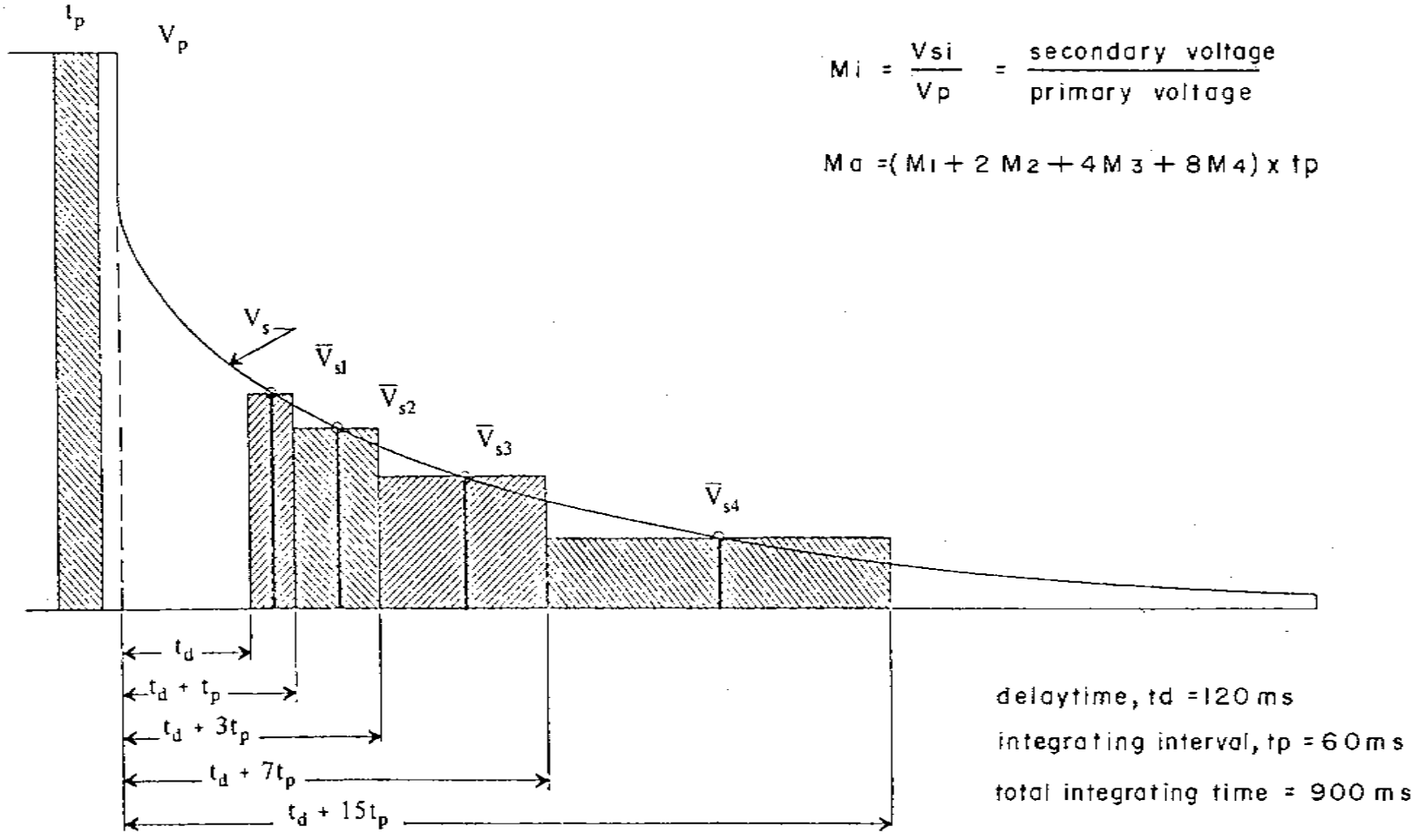
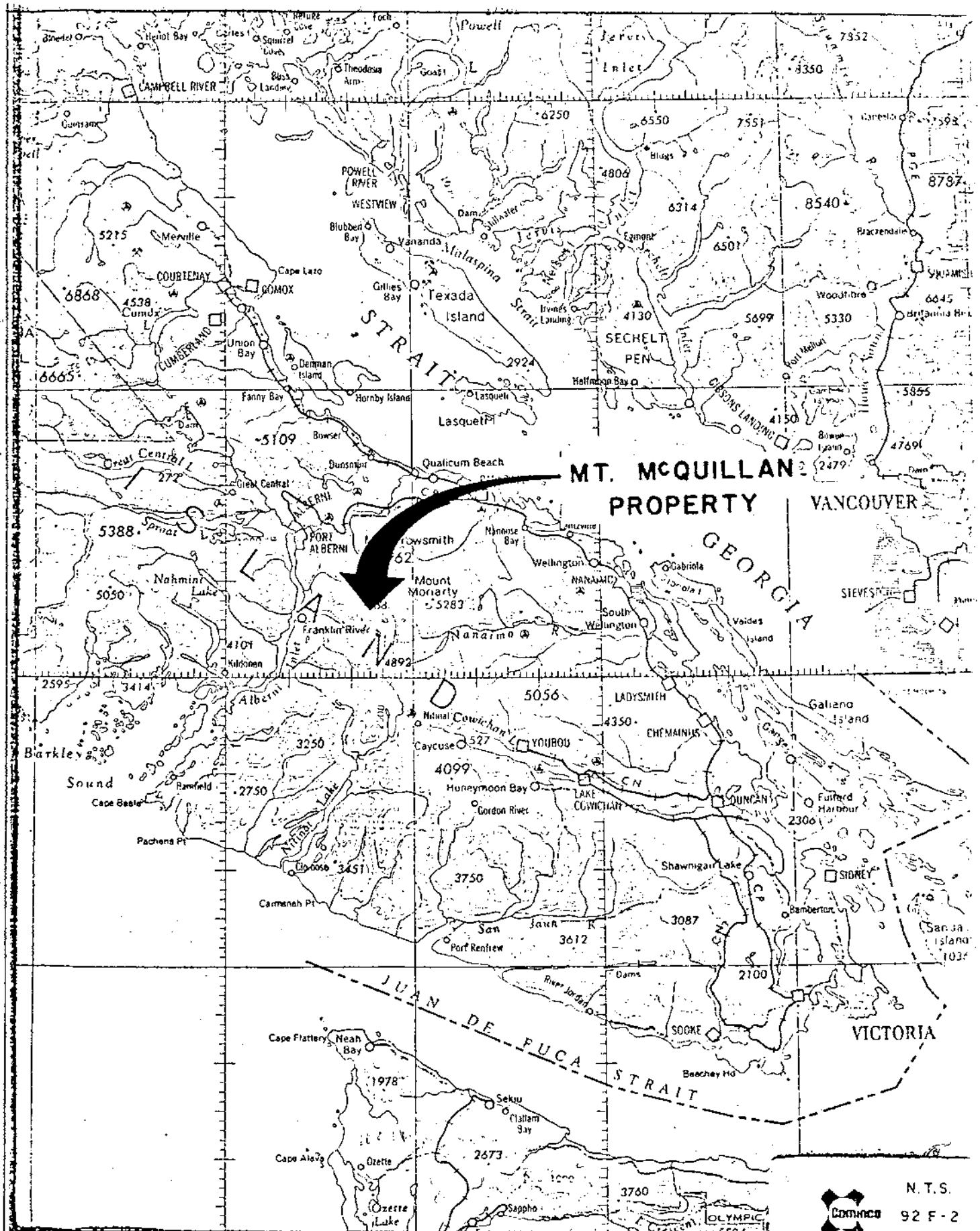


FIGURE : 1 Time domain decay curve showing sampling with the Huntec MK III receiver



N.T.S. 92 F-2

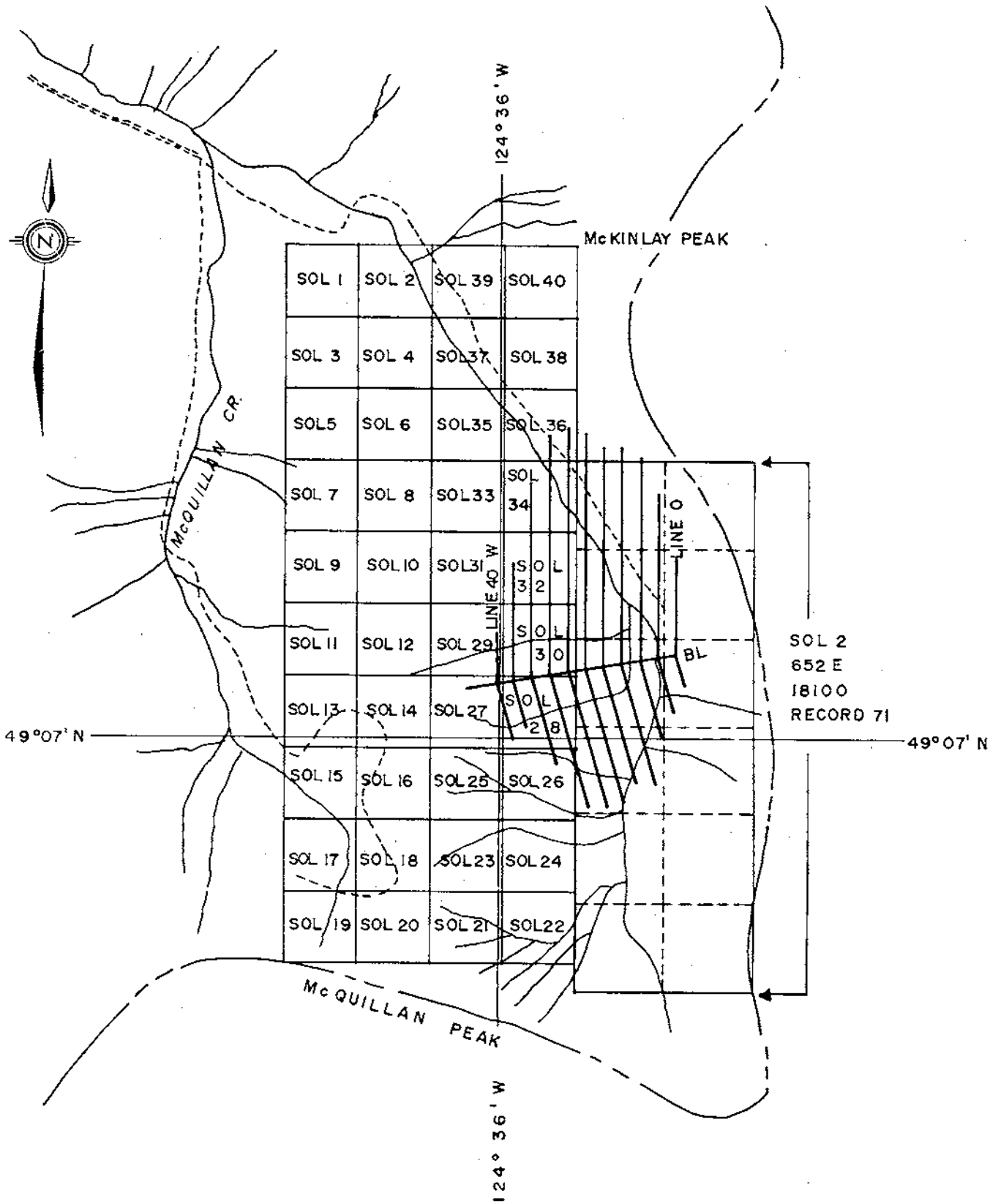
Drawn by: D.S.C.	Traced by: D.S.C.		
	Date	Checked by	Date

MT. MCQUILLAN
LOCATION MAP

Scale: 1" = 16 Miles

Date: October, 1974

Plate: MQ 74-1



Dominion

N.T.S.
92-F-2

Drawn by:		Traced by:	
Revised by	Date	Revised by	Date

CLAIM MAP

MT. McQUILLAN, ALBERNI M.D., B.C.

Scale: 1" = 1/2 MILE | Date: 1976 | Plate: 106-A

DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA.
TO WIT:

In the Matter of

STATUTORY DECLARATION RELATING TO EXPENDITURES OF A GEOPHYSICAL SURVEY ON THE MT. MCQUILLAN PROPERTY, ALBERNI MINING DIVISION.

I, JAN KLEIN, PROFESSIONAL ENGINEER

of THE MUNICIPALITY OF RICHMOND

in the Province of British Columbia, do solemnly declare that

1. Copies of a report regarding geophysical surveys on certain mineral claims situated in the Alberni Mining Division are being filed with the Mining Recorder in Vancouver.

2. Attached hereto, and marked with the letter "A" upon which I have signed my name at the time of declaring hereof, is a statement of expenditures incurred in connection with the Induced Polarization and Resistivity survey of the said claims showing in addition the dates during which those making the said survey performed their work.

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 Vancouver, in the Province of British Columbia, this 9th day of December 1976, A.D.

Jan Klein

Maynard Brown

A Commissioner for taking Affidavits within British Columbia or
~~*A Notary Public in and for the Province of British Columbia*~~

MAYNARD E. BROWN
BARRISTER & SOLICITOR
1320-200 GRANVILLE SQUARE
VANCOUVER, B.C.
V6C 2R2

EXHIBIT "A"

EXPLORATION WESTERN DISTRICT

INDUCED POLARIZATION AND RESISTIVITY SURVEY COSTS

MT. MCQUILLAN PROPERTY, SOL 1-40 AND SOL 2,

12 UNITS CLAIMS, ALBERNI MINING DIVISION.

N.T.S. 92F/2: 49°07'N - 124°36'W

IP and resistivity survey done under contract by Eagle Geophysics Ltd. during the period July 31 - August 23, 1976:

1.	Survey Cost for 10 miles of traverse including mobilisation, camp and local transportation	$ 16,294.29
2.	Line cutting by Martinson	$ 2,373.55
3.	Brushing out lines by T.G. Kauppinen and D.W. Rennie	$ 1,160.00
4.	Drafting, Interpretation and Report	
	Cetra Enterprises Ltd.	$ 360.00
	Drafting by T.P. Snyder	$ 190.00
	Interpretation by J. Klein	$ 625.00
		$ 21,002.84

Signed: Jan Klein

Jan Klein, P.Eng.

THIS IS EXHIBIT "A" TO THE STATUTORY DECLARATION OF JAN KLEIN

DECLARED BEFORE ME THIS 9th DAY OF DECEMBER, 1976.

Maynard Brown

A COMMISSIONER FOR TAKING AFFIDAVITS WITHIN BRITISH COLUMBIA

INVOICE

43-15

MARTINSON
LINECUTTING AND STAKING LTD.

6860 Fairmont Street :: POWELL RIVER, B. C.
Telephone 485-2198

Date JUNE 21st 19 76

IN ACCOUNT WITH

COMINCO LTD.
200 GRANVILLE Sq.
VANCOUVER, B.C.

67239
JUL 7 1976

Picket Line Miles	12.83	@ $ 185.00	per mile	$ 2,373.55
Base Line Miles		@	per mile	
Transit Base Line Miles		@	per mile	
Mining Claims		@	per claim	
Claim Blocks		@	per block	
Geophysics				
Expenses				
Rentals				
Other:				
			TOTAL	$ 2,373.55
			Less	
			AMOUNT OWING	$ 2,373.55

Nº 134

LINECUTTING:
MT. REGUILLAN
VAN. ISLAND

OK J.W. Cooke
232-12-1700

John Martinson

TELEPHONE 688-3717
988-6488

COMINCO
[illegible] VANCOUVER 5, B.C.
SEP 3 1976
EXPLORATION
RESEARCH

EAGLE GEOPHYSICS LIMITED

575 Lucerne Place, North Vancouver, B. C.

TO Cominco Limited,
Exploration Division,
2200 - 200 Granville Square,
Vancouver, B. C.

Attention: Mr. Jan Klein

DATE August 3, 1976
TERMS: Net 30 days

Re: Clause	DESCRIPTION	AMOUNT
	Re: IP Survey, MT. McQUILLAN, Port Alberni, B. C. As Per Survey Agreement Dated June 3, 1976	
1.	2 Geophysicists And IP Equipment	
	21 Survey days @ $375.00 per day	$ 7,875.00
	2 Standby days @ 295.00 per day	590.00
	1 Travel day @ 295.00 per day	295.00
2.	Survey Helpers	
	3 Helpers for 21 Survey days @ $50.00 per man per day	3,150.00
	3 Helpers for 2 Standby days @ 50.00 per man per day	300.00
	3 Helpers for 1 Travel day @ 50.00 per man per day	150.00
	1 Helper (Lloyd) for 1 Travel day @ $50.00 per day	50.00
	1 Helper (Lloyd) for 5 3/4 Survey days @ $50.00 per day	287.50
3.	Travelling Expenses	
	Expense Report of Mr. J. Lloyd (attached)	194.30
	Plus 10%	19.43
5.	Mt. McQuillan Camp	
	Fixed Cost	475.00
	5 Men for 21 days @ $16.00 per man per day	1,680.00
	1 Man (Lloyd) for 6 days @ $16.00 per day	96.00
6.	Transportation	
	4 x 4 Crewcab: 3 weeks @ $175.00 per week	525.00
	Plus 1115 miles @ 0.20/mile	223.00
	Gasoline purchases (see attachments)	134.06
Misc.	Visit To Property	
	On July 31: Lloyd + Helper + Truck	250.00
	TOTAL PAYABLE	$16,294.29

1% PER MONTH CHARGED ON OVERDUE ACCOUNTS.

ENTERPRISES LTD.
6030 MANSON CRESCENT
BURNABY, B.C. V5A 2C4

9. Sept. 1976

C O M I N C O LTD.
200 Granville
V a n c o u v e r B.C.
V6C 2R2

RECD

I n v o i c e

Re: Job # 106-76
Exploration

- Plotting values on plates, pencil contours, ink contours, complete title block
- correct and complete sheets 1 to 10

Total 36 hours @ $ 10.-- $ 360.--

Memorandum
For Use Within The Company Only

To Accounting, Vancouver (Use Title if Possible) Date October 21, 1976

From Geophysicist (Use Title if Possible) Invoice Number: JK 76-16

Subject GEOPHYSICAL ACCOUNT BILLING Reference Mt. McQuillan (insert project or proposal name)

Please distribute the following charges as indicated by D.L. Cooke and credit the Geophysical Account, code ~~705-67-~~ 704-80-7060.

Services related to 1976 IP and resistivity survey

a.	Drafting by Centra Enterprises Ltd.	$360.00
b.	Interpretation and reporting by Klein 3 days at $125.00	$375.00
c.	Brushing-out of lines by T.G. Kauppinen and D.W. Rennie August 6 - 13 incl, 1976 8 days at $145.00	$1,160.00
		$1,895.00

JK/jl

Signed

210-1210 T.T.

Memorandum
For Use Within The Company Only

Cominco

To Accounting, Vancouver (Use Title if Possible) Date 18 November 1976

From Geophysicist (Use Title if Possible) Invoice No. JK-76-19

Subject GEOPHYSICAL ACCOUNT BILLING Reference Mt. McQuillan

Please distribute the following charges as indicated by R.F. Nichols and credit the Geophysical Acccount, Code 704-80-7060.

Drafting and Interpretation of geophysical data obtained by Eagle Geophysics over the Mt. McQuillan property during 1976

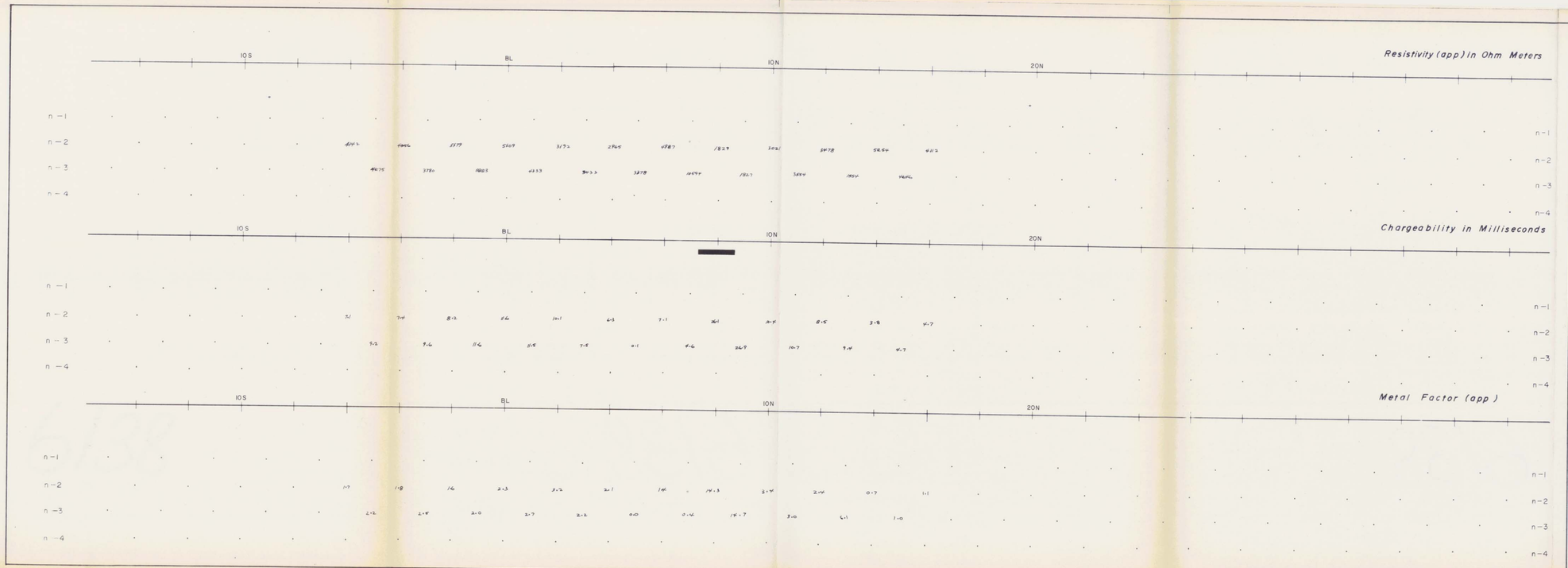
1. Drafting by JPSnyder
   2 days @ $95.00 ..... $ 190.00

2. Interpretation by JKlein
   Geophysicist
   2 days @ $125.00 ..... $ 250.00

$ 440.00

JK/deb

Signed



N.T.S. 92 F/2

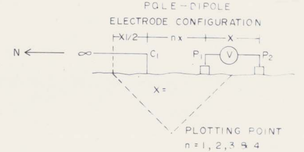
DWG. NO. 106-76-1

COMINCO LTD.

MT. McQUILLAN

ALBERNI M.D., B.C.

LINE NO. 0+00



SURFACE PROJECTION OF ANOMALOUS ZONES

SCALE 1"= 2000'

6138

TRANSMITTER 7.5KW TIME DOMAIN

RECEIVER HUNTEC MK III TYPE

DATE SURVEYED 9 AUGUST 1976

APPROVED

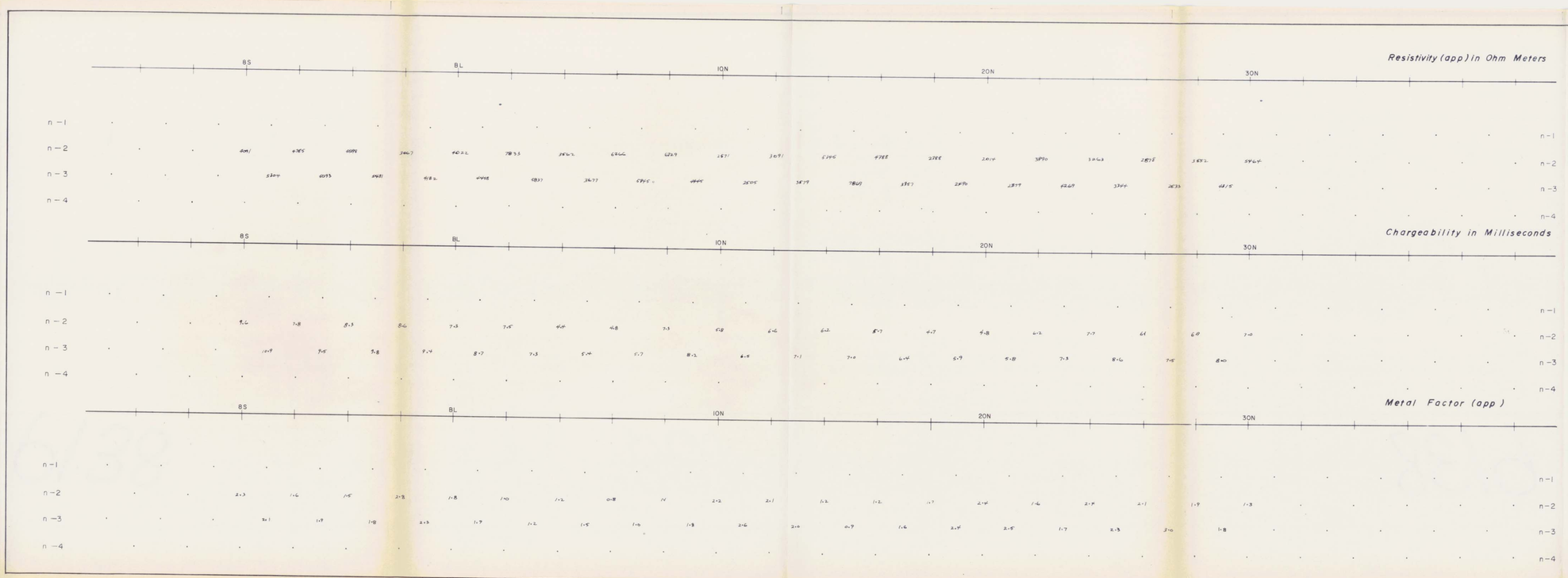
DATE AUGUST 1976

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6138
MAP NO. 3

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SURVEYED BY EAGLE GEOPHYSICS LTD. (JOHN LLOYD M.Sc. P.Eng.)

LINE 0+00



N.T.S. 92 F/2

DWG. NO. 106-76-2

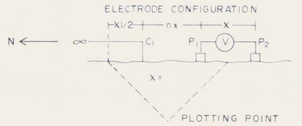
COMINCO LTD.

MT. McQUILLAN

ALBERNI M. D., B. C.

LINE NO. 4+00 W

POLE-DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

SCALE 1"= 2000'

6138

TRANSMITTER 7.5KW TIME DOMAIN

RECEIVER HUNTEC MK III TYPE

DATE SURVEYED 8 AUGUST 1976

APPROVED

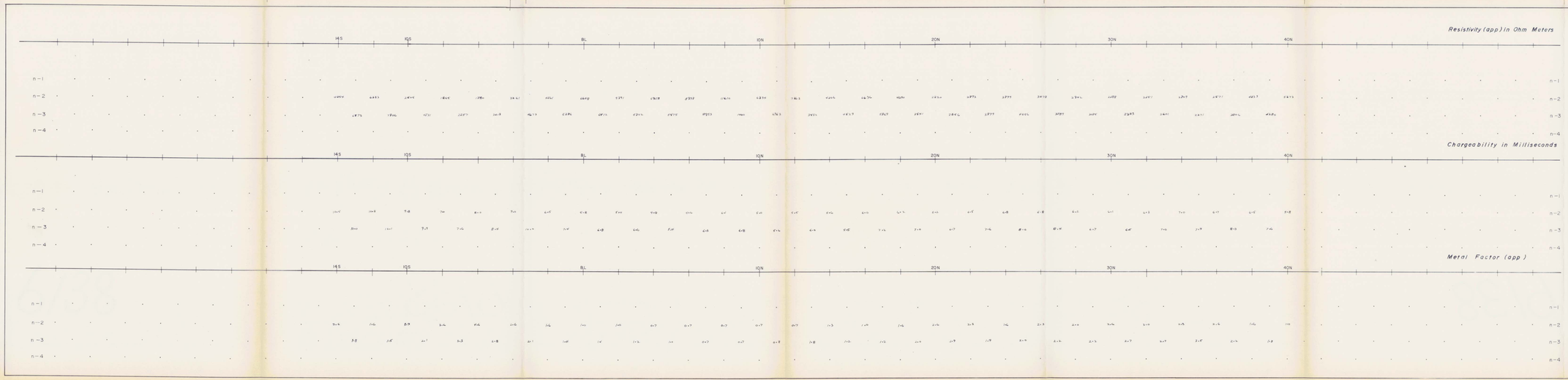
DATE AUGUST 1976

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6138
MAP NO. 4

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SURVEYED BY EAGLE GEOPHYSICS LTD. (JOHN LLOYD M.Sc. P. Eng.)

LINE 4+00 W



N.T.S. 92 F/2 DWG. NO. 106-76-3

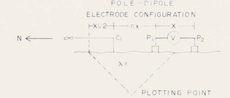
COMINCO LTD.

MT. McQUILLAN

ALBERNI M.D., B.C.

LINE NO. 8+00 W

POLE - DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

SCALE 1" = 2000'

DATE SURVEYED 7 AUGUST 1976

APPROVED

DATE

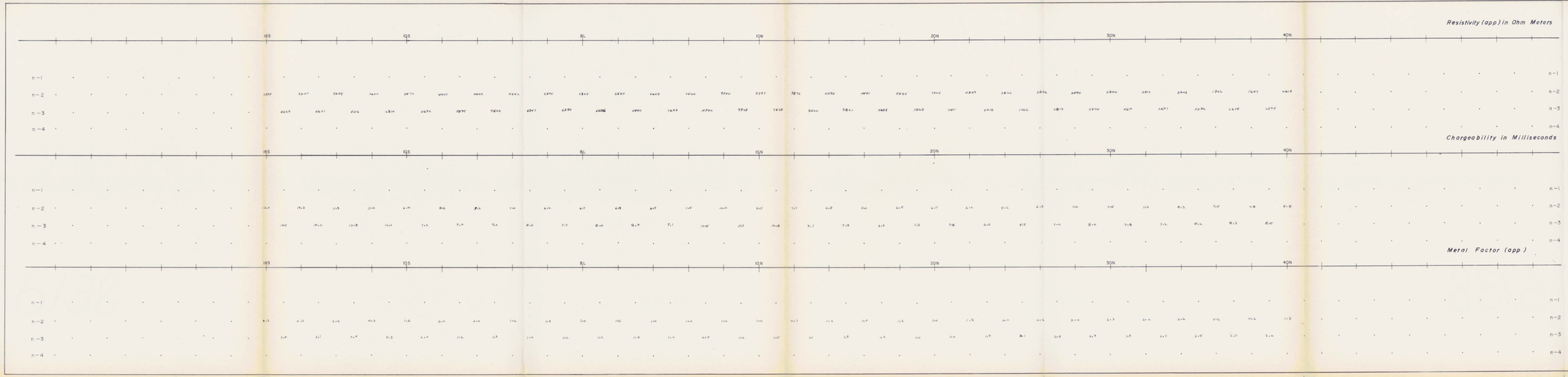
6138

TRANSMITTER 7.5KW TIME DOMAIN
RECEIVER HUNTEC MK III TYPE

AUGUST 1976
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6138
MAP NO. 5

INDUCED POLARIZATION AND RESISTIVITY SURVEY
SURVEYED BY EAGLE GEOPHYSICS LTD. (JOHN LLOYD M.Sc. P.Eng.)

LINE 8+00 W



N.T.S. 92 F/2 DWG. NO. 106-76-4

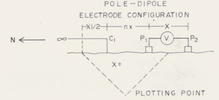
COMINCO LTD.

MT. McQUILLAN

ALBERNI M. D., B. C.

LINE NO. 12+00 W

POLE-DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

SCALE 1" = 2000'

DATE SURVEYED 6 AUGUST 1976

APPROVED

DATE AUGUST 1976

6138

TRANSMITTER 7.5 KW TIME DOMAIN

RECEIVER, HUNTEC MK III TYPE

MINERAL RESOURCES BRANCH ASSESSMENT REPORT NO. 6138

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SURVEYED BY EAGLE GEOPHYSICS LTD. (JOHN LLOYD M.Sc. P.Eng.)

LINE 12+00 W

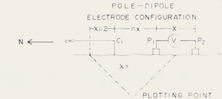
N.T.S. 92 F/2 DWG. NO. 106-76-5

COMINCO LTD.

MT. McQUILLAN

ALBERNI M.D., B.C.

LINE NO. 16+00 W



SURFACE PROJECTION OF ANOMALOUS ZONES

SCALE 1" = 200'

DATE SURVEYED AUGUST 1976

APPROVED

DATE

6138

TRANSMITTER 7.5KW TIME DOMAIN
RECEIVER HUNTEC MK III TYPE

AUGUST 1976
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6138
MAP NO. 7

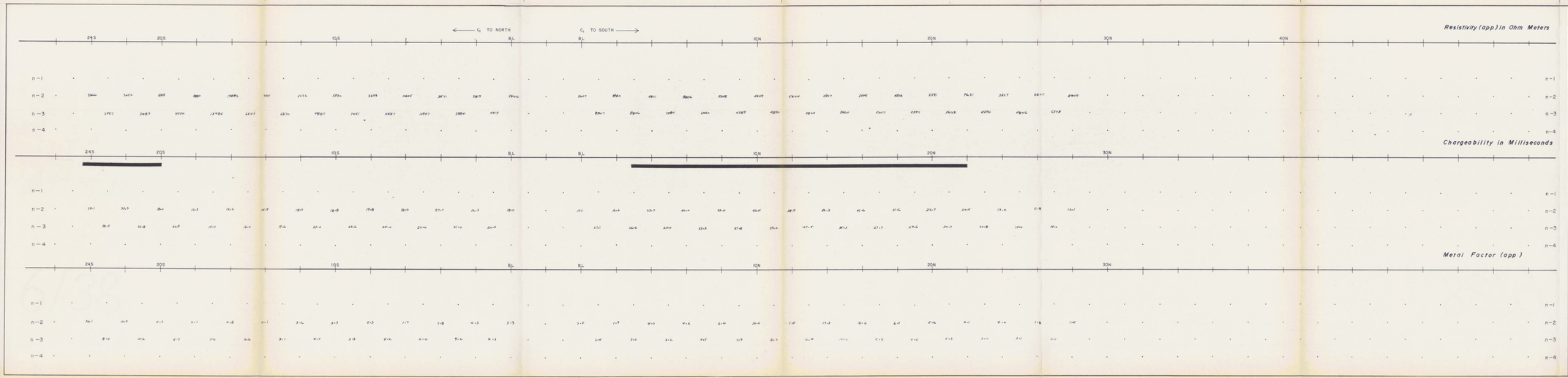
INDUCED POLARIZATION AND RESISTIVITY SURVEY
SURVEYED BY EAGLE GEOPHYSICS LTD. (JOHN LLOYD M.Sc. P.Eng.)

LINE 16+00 W

Resistivity (app.) in Ohm Meters

Chargeability in Milliseconds

Metal Factor (app.)



N.T.S. 92 F/2 DWG. NO. 106-76-6

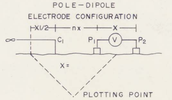
COMINCO LTD.

MT. McQUILLAN

ALBERNI M.D., B.C.

LINE NO. 20+00 W

POLE-DIPOLE ELECTRODE CONFIGURATION



PLOTTING POINT
n=1, 2, 3 & 4

SURFACE PROJECTION OF ANOMALOUS ZONES

SCALE 1" = 2000'

DATE SURVEYED 10 AUGUST 1976

APPROVED

DATE AUGUST 1976

6138

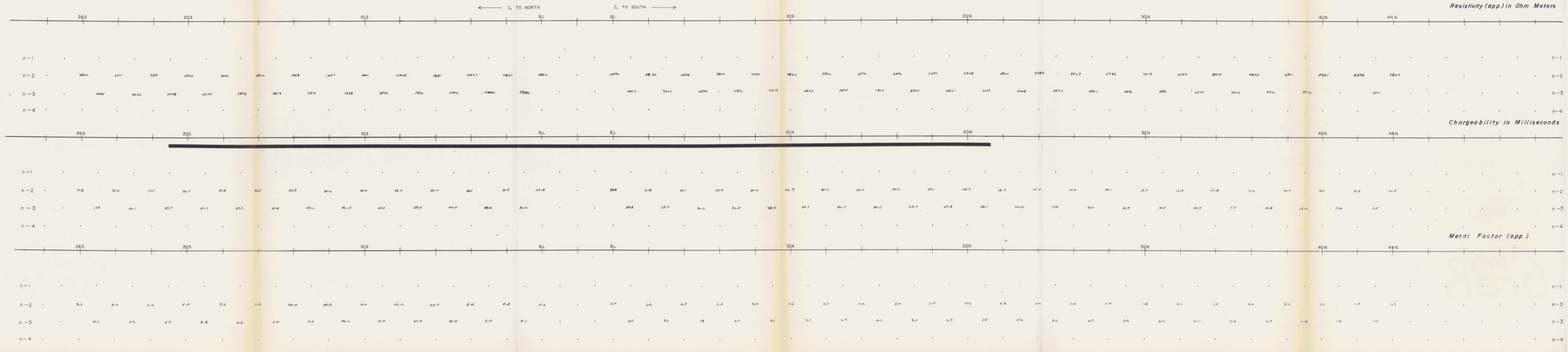
TRANSMITTER 7.5KW TIME DOMAIN

RECEIVER HUNTEC MK III TYPE

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SURVEYED BY EAGLE GEOPHYSICS LTD. (JOHN LLOYD M.Sc. P. Eng.)

LINE 20+00 W



N.T.S. 92 F/2

DWG. NO. 106-76-7

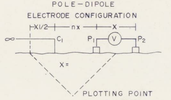
COMINCO LTD.

MT. McQUILLAN

ALBERNI M.D., B.C.

LINE NO. 24+00 W

POLE-DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

SCALE 1"=2000'

DATE SURVEYED 12, 14 AUG. 1976

APPROVED

DATE AUGUST 1976

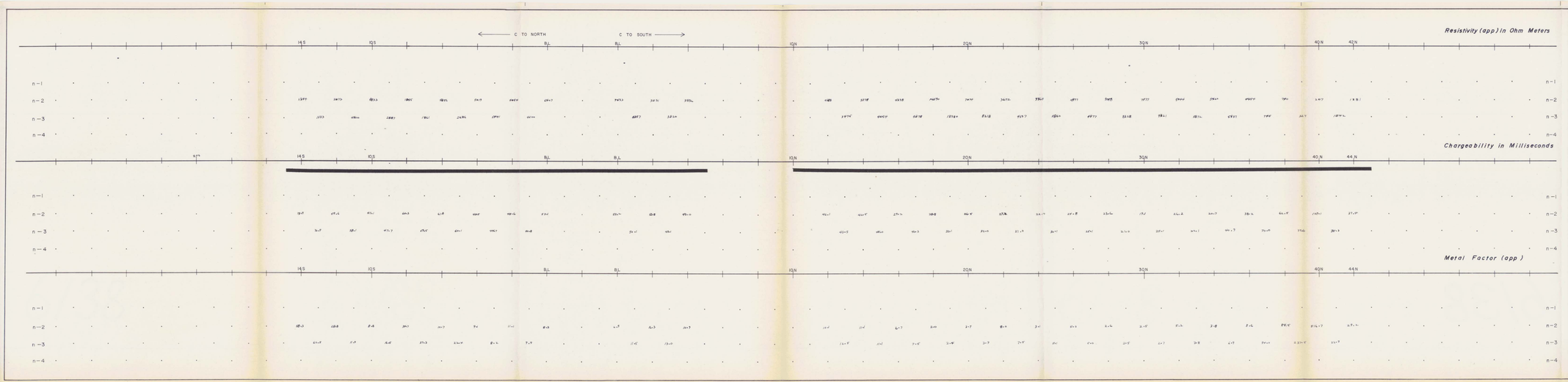
6138

TRANSMITTER 7.5KW TIME DOMAIN
RECEIVER HUNTEC MK III TYPE

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6138

INDUCED POLARIZATION AND RESISTIVITY SURVEY
SURVEYED BY EAGLE GEOPHYSICS LTD. JOHN FLOYD M.Sc. P.Eng.)

LINE 24+00 W



N.T.S. 92 F/2

DWG. NO. 106-76-8

COMINCO LTD.

MT. McQUILLAN

ALBERNI M.D., B.C.

LINE NO. 28+00 W

POLE-DIPOLE
ELECTRODE CONFIGURATION

SURFACE PROJECTION
OF ANOMALOUS ZONES

SCALE 1" = 2000'

DATE SURVEYED 16, 17 AUG. 1976

APPROVED

6138

DATE AUGUST 1976

TRANSMITTER 7.5KW TIME DOMAIN

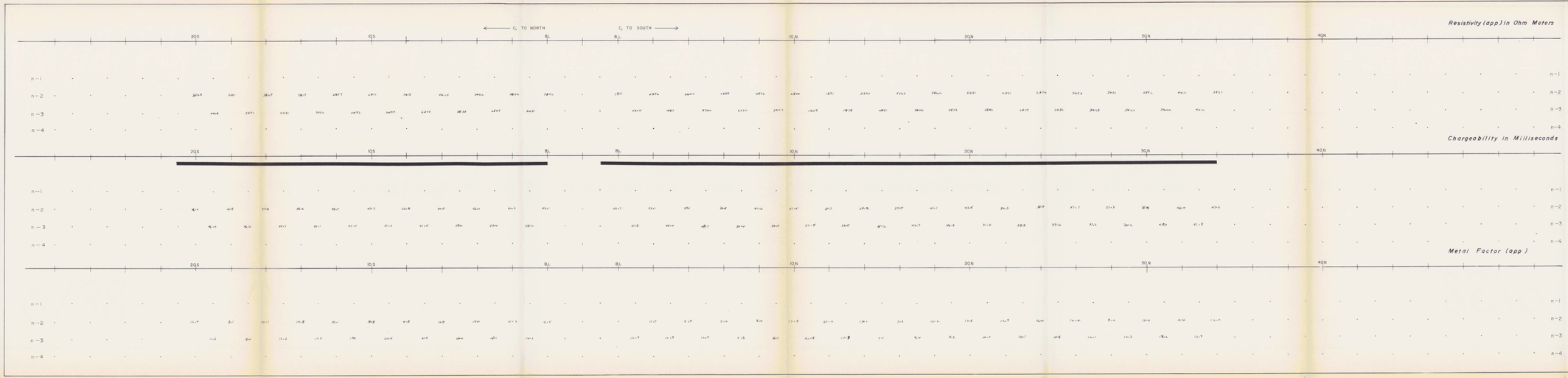
RECEIVER HUNTEC MK III TYPE

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6138
MAP NO. 10

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SURVEYED BY EAGLE GEOPHYSICS LTD. (JOHN LLOYD M.Sc. P.Eng.)

LINE 28+00 W



N.T.S. 92 F/2

DWG. NO. 106-76-9

COMINCO LTD.

MT. McQUILLAN

ALBERNI M. D., B. C.

LINE NO. 32·00 W

POLE-DIPOLE
ELECTRODE CONFIGURATION
1AX/2—na—X—
C1 P1 V P2
X
PLOTTING POINT
n = 1, 2, 3 & 4

SURFACE PROJECTION OF ANOMALOUS ZONES

SCALE 1"=2000'

DATE SURVEYED 16, 20 AUG. 1976

APPROVED

DATE AUGUST 1976

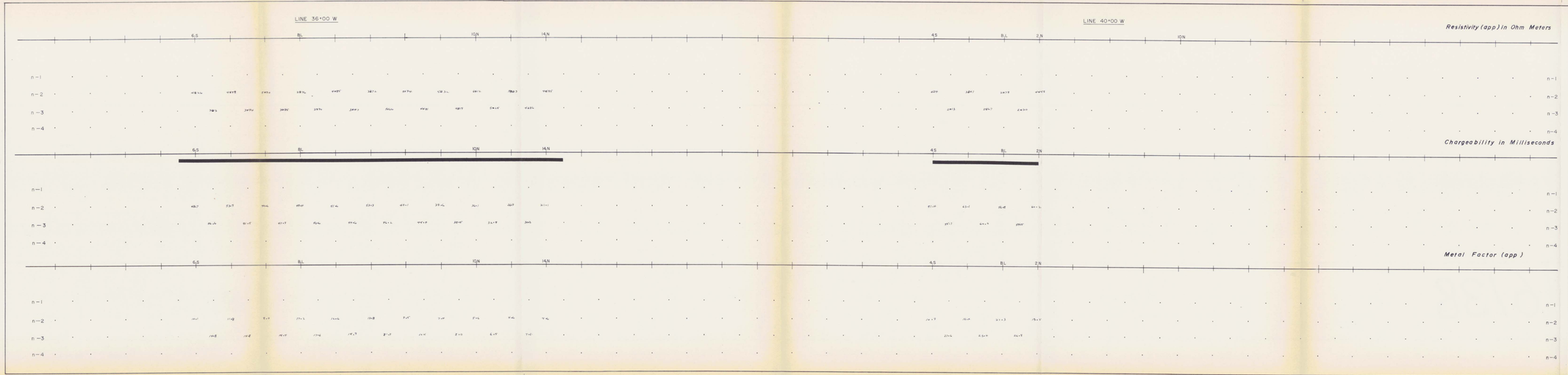
6138

TRANSMITTER 7.2KW TIME DOMAIN
RECEIVER HUNTEC MK III TYPE

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6138
MAP NO. 1

INDUCED POLARIZATION AND RESISTIVITY SURVEY
SURVEYED BY EAGLE GEOPHYSICS LTD. (JOHN LLOYD M.Sc. P.Eng.)

LINE 32·00 W



N.T.S. 92 F/2 DWG. NO. 106-76-10

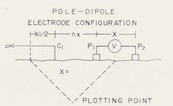
COMINCO LTD.

MT. McQUILLAN

ALBERNI M.D., B.C.

LINE NO. 36+00, 40+00 W

POLE-DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION
OF ANOMALOUS ZONES

SCALE 1"= 2000'

DATE SURVEYED 20,22/ AUG. 1976

6138

APPROVED

DATE AUGUST 1976

TRANSMITTER 7.5KW TIME DOMAIN

RECEIVER HUNTEC MK III TYPE

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SURVEYED BY EAGLE GEOPHYSICS LTD. (JOHN LLOYD M.Sc. P.Eng.)

LINE 36+00, 40+00 W

NOTES :

POLE - DIPOLE ARRAY a = 200'
TRANSMITTER HUNTEX 7.5 kw
RECEIVER HUNTER Mk III

LEGEND :

CONTOUR INTERVAL ——— 1000 ohmmeters
——— 5000 ohmmeters

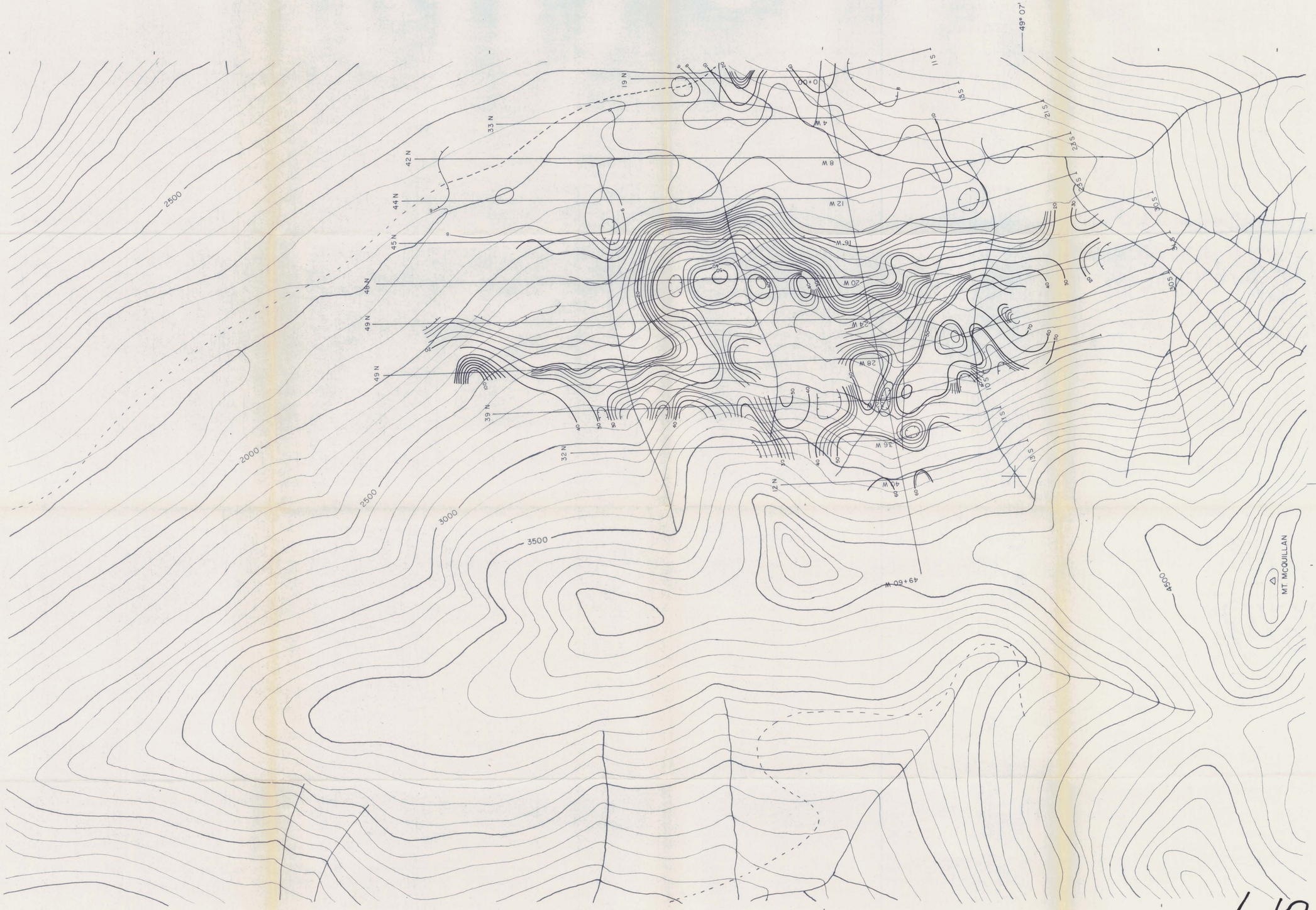
6138

TO ACCOMPANY A REPORT BY JAN KLEIN P.ENG.

MT. MCQUILLAN

92F/2

Drawn by	Traced by	INDUCED POLARIZATION SURVEY TIME DOMAIN CONTOURS OF 2. SEPARATION RESISTIVITIES IN ohmmeters
Revised by Date	Revised by Date	Scale: 1" = 400 Feet · Date: AUGUST 1976 · Plate: 106-76-1



6138

TO ACCOMPANY A REPORT BY JAN KLEIN P.ENG.

NOTES:
POLE-DIPOLE ARRAY a = 200'
TRANSMITTER HUNTEX 7.5 kw
RECEIVER HUNTER MK III

LEGEND:
CONTOUR INTERVAL ——2 m.sec.
——10 m.sec.

MT. MCQUILLAN

92F/2

Drawn by:	Traced by:	INDUCED POLARIZATION SURVEY TIME DOMAIN
Revised by: Date	Revised by: Date	CONTOURS OF 2. SEPARATION CHARGEABILITIES IN m.sec.
		Scale: 1" = 400 Feet Date: AUGUST 1976 Plate: 106-76-8

FORM 210-0670