COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

N.T.S. 106 C/10
64° 40'N
133° 00'W

INDUCED POLARIZATION AND RESISTIVITY SURVEY

DF GROUP CLAIMS

BONNET PLUME - CORN CREEK AREA

YUKON TERRITORIES

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of $ 8100.00

Resident Geologist
Resident Mining Engineer

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

S.R. BAXTER
Supervising Mining Recorder

for Commissioner of Yukon Territory

Work performed during July 15-25, 1975

AUGUST 27, 1975

JAN KLEIN, P.ENG.

TABLE OF CONTENTS

SUMMARY

The three rock types present in the areas of grid one and two on the DF group of claims show distinct physical parameters.

The Sheepbed shales and slates show high chargeabilities, 50 msecs and over, and low resistivities, down to 30 ohm-meters.

The pyrite bearing dolomites show chargeabilities in the 20-30 msecs range, and resistivities between 1,000 and 3,000 ohm-meters. The purer dolomites show lower IP effects, less than 10 msecs, and higher resistivities, 5,000 ohm-meters and over.

No recommendations for further work are made based on the results of this survey at this time.

INTRODUCTION

A geophysical survey consisting of Induced Polarization (IP) and resistivity measurements was executed over the DF Claim group, Corn Creek area, Yukon Territories. The survey was performed by Eagle Geophysics Ltd. on behalf of Cominco Ltd. during the period of July 15-25 inclusive.

Physiographically, the DF group lies within the northern Selwyn Mountains of the Yukon Territory, approximately 120 miles northeast of the town of Mayo. The property is located in an area of moderate to high relief and is located between 3,500 and 6,500 feet above sea level.

The DF group is located along the east side of Corn Creek and is located within the Mayo Mining District at a Latitude of 64° 40' and Longitude of 133° 00' and is located on N.T.S.map sheet 106 C/10.

Access to the DF group is via fixed-wing aircraft from Mayo to Pinguicula Lake and then by helicopter, a distance of 12 miles to the property.

The present survey covered two grids. Grid one consists of nine lines 100 meters apart. The lines vary in length from 250 to 850 meters. This grid covers claims DF 26-28, 30, and 72-74. Grid two, covering claims DF 7-10 and 78-81, consists of eight lines up to 900 meters long (see Plate 92-75-1 on a scale of 1:4,800).

The purpose of the survey was to detect lead and zinc mineralization in the rocks covering the survey area.

GEOLOGY

The DF group is underlain by carbonate and clastic strata of the Upper Proterozoic Rapitan Group, carbonate strata of the Keele Formation, and clastic strata of the Sheepbed Formation having a stratigraphic thickness of approximately 2,500 feet. This sequence is conformable except for unconformities near and at the top of the Keele Formation and a possible disconformity at the top of the Rapitan Group.

These strata are interpreted to have been deposited in a shallow-water marine environment under low to moderate turbulence. Sections in the Upper Keele Formation were probably deposited in an intratidal and/or tidal flat environment.

.../2

INDUCED POLARIZATION AND RESISTIVITY AND SURVEY

I. Method

The survey was performed by John Lloyd, P. Eng., President of Eagle Geophysics of North Vancouver, assisted by one geophysicist and four helpers between July 15 and 25, 1975. The survey was performed using a Huntec 7.5 KW Time Domain transmitter and two Huntec Mark-3 Time Domain receivers.

In all, 14km of line were surveyed, on 17 lines spaced 100m apart on two grids. A pole-dipole array with a basic spacing, a=50m and separations n=1-4 was used. The potential dipole was to the east of the near current electrode.

Figure 1 shows the instrument parameters of the equipment used. The duty ratio between current on and off times is two, 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 92-75-L1	Location plan on a scale of 1:250,000
Plate 92-75-1	Claim map on grid plan on a scale of 1:4,800

The drawings on a scale of 1:2,000 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_a, 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 dependent 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).

Dwg. No.	IP-92-1	Grid 1	Line 0
	-2	1	100N
	-3	1	200
	-4	1	300

.../3

Dwg. No.	IP-92-5	Grid	1	Line 400
	-6		1	500
	-7		1	600
	-8		1	700
	-9		1	800N
	-10	Grid	2	Line 0
	-11		2	100N
	-12		2	200
	-13		2	300
	-14		2	400
	-15		2	500
	-16		2	600
	-17		2	700N

A logarithmic contour interval is used on the drawings. The following contours are used: 1.0; 1.5; 2.0; 3.0; 5.0; 7.5; etc.

III. Results

The geophysical results over grid one can be divided in a high chargeability-low resistivity, a moderate chargeability-moderate resistivity,and low chargeability-moderate resistivy area. The former is located NE of a line approximately running from Line 500N Station 550E to Line 700N Station 100E and further to Line 800N Station 150E. The chargeabilities are well above the 50 msecs level with peak values up to 90 msecs. The resistivities drop well below the 200 ohm-meters level. This area is underlain by shales, slates, etc., of the Sheepbed Formation. The carbonaceous materials in these horizons are without much doubt the source of the high chargeabilities and low resistivities. Some higher (> 30 msecs) chargeabilities at the western ends of Lines 0 and 100N might also be attributed to these shales.

Most of the remainder of the grid show chargeabilities in the 25 msecs and 2,000-3,000 ohm-meters ranges. The higher than normal chargeabilities might be caused by minor pyrite and carbonaceous materials within the Keeledolomites underlying this area. No obvious anomalous induced polarization values have been observed.

The low chargeability (5-15 msecs)-moderate resistivity areas occur at the east and west extremities of some of the traverses. These areas are underlain by cleaner-most likely unmineralized dolomites.

The results over grid two show a similar pattern as those over grid one even though the boundaries of the interpreted units are less clear.

The eastern ends of Lines 0-300N, 600N, and 700N as well as the western half of Line 0 show high chargeabilities up to 70 msecs and low resistivities, down to 30 ohm-meters. This area is supposedly underlain by shales and slates.

.../4

The center part of the area reveals chargeabilities ranging from 20-30 msecs and resistivities varying from 700 to 4,000 ohm-meters. Some areas have again higher IP effects and lower resistivities, e.g. east-half of Lines 0-300N. This center area is covered by dolomites containing fine-grained pyrite, etc., causing the IP effects. The area embracing the east-half of Lines 0-300N might have some shale-slate enclosures.

The west-end of Lines 300N-700N show low chargeabilities (10-20 msecs) and high resistivities (up to 5,000 ohm-meters). Purer dolomites are present in this area. Small areas of higher IP effects most likely reflect increased concentrations of pyrite., e.g. Line 200N Station 300-350E to Line 400N Station 250-300E.

CONCLUSIONS AND RECOMMENDATIONS

The IP and resistivity survey over two grids on the DF claims revealed the difference in physical parameters of their rock units.

High chargeabilities (50 msecs and over) and low resistivities (less than 100 ohm-meters) were encountered over the Sheepbed shales and slates. These formations contain pyrobitumens causing the IP effects. The area of moderate chargeabilities and resistivities is underlain by dolomites containing varying amounts of fine-grained pyrite. Areas of high resistivities-low chargeabilities are covered by purer dolomites.

No obvious IP anomalies have been encountered that warrant further investigations at this time.

Submitted by _____

JAN KLEIN, P. ENG.
GEOPHYSICIST

/ct
August 27, 1975

Endorsed by _____

W.T.IRVINE, P. ENG.
MANAGER
WESTERN DISTRICT

Distribution

Mining Recorder (2)
Western District (1)
Geophysics File (1)

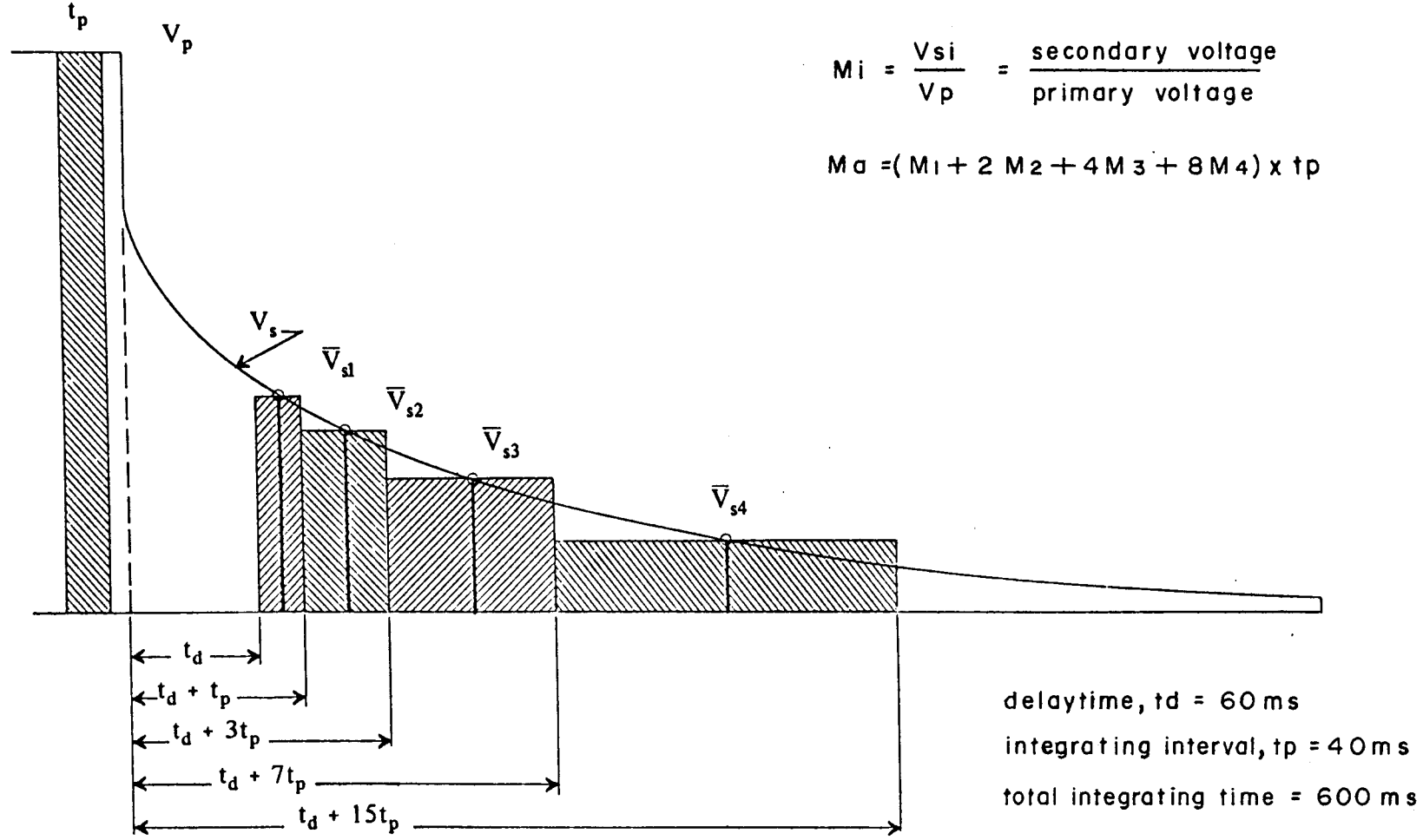


FIGURE : 1 Time domain decay curve showing sampling with the Huntec MK III receiver

IN THE MATTER OF AN ACT RESPECTING
QUARTZ MINING IN THE YUKON TERRITORY

IN THE MATTER OF A GEOPHYSICAL SURVEY
CARRIED OUT ON MINERAL CLAIMS
DF#7-10, 26-28, 30, 72-74, AND 78-81
LOCATED IN THE MAYO MINING DISTRICT OF THE
YUKON TERRITORIES; MORE PARTICULARLY, N.T.S. 106 C/10

AFFIDAVIT

I, JAN KLEIN OF THE MUNICIPALITY OF THE CORPORATION OF BURNABY IN THE PROVINCE OF BRITISH COLUMBIA, GEOPHYSICIST, MAKE OATH AND SAY:

1. THAT I AM EMPLOYED AS A GEOPHYSICIST BY COMINCO LTD., AND, AS SUCH, HAVE A PERSONAL KNOWLEDGE OF THE FACTS TO WHICH I HEREINAFTER DEPOSE;
2. THAT ANNEXED HERETO AND MARKED AS "EXHIBIT A" TO THIS MY AFFIDAVIT IS A TRUE COPY OF EXPENDITURES ON A GEOPHYSICAL SURVEY CARRRIED OUT ON THE MINERAL CLAIMS DF#7-10, 26-28, 30, 72-74,AND 78-81.
3. THAT THE SAID EXPENDITURES WERE INCURRED BETWEEN THE 15TH OF JULY, 1975 AND THE 25TH DAY OF JULY, 1975, FOR THE PURPOSE OF MINERAL EXPLORATION ON THE ABOVE-NOTED CLAIM GROUP.

SWORN BEFORE ME AT THE CITY)
OF VANCOUVER IN THE PROVINCE)
OF BRITISH COLUMBIA THIS)
28th DAY OF AUGUST, 1975)

M S Brown

A NOTARY PUBLIC IN AND FOR THE)
PROVINCE OF BRITISH COLUMBIA)

Jan Klein

JAN KLEIN, P.ENG.

EXHIBIT "A" STATEMENT OF EXPENDITURES

GEOPHYSICAL REPORT ON THE

DF#7-10, 26-28, 30, 72-74, AND 78-81 CLAIMS

SITUATED AT

64° 40' NORTH LATITUDE

133° 00' WEST LONGITUDE

GEOPHYSICAL SURVEY BY EAGLE GEOPHYSICS LTD.	$6,775.00
DEMOBILIZATION OF GEOPHYSICAL CREW AND EQUIPMENT	1,397.50
	$8,172.50

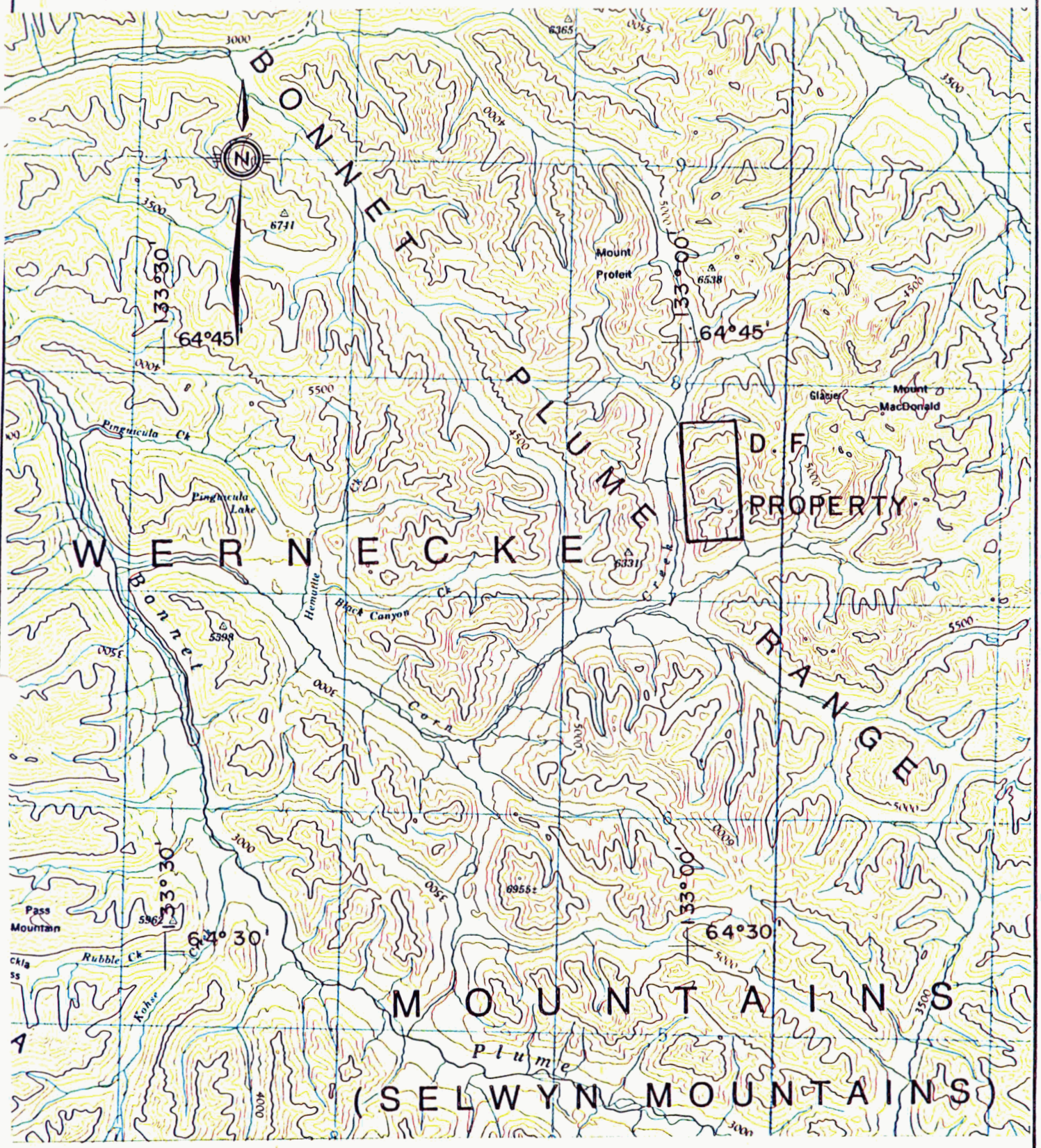
SIGNED _____

JAN KLEIN, P. ENG.
GEOPHYSICIST

THIS IS EXHIBIT "A" TO THE STATUTORY DECLARATION OF EXPENDITURES RELATING TO THE GEOPHYSICAL SURVEY DECLARED BEFORE ME ON THE 28th DAY OF AUGUST 1975.

_____

A NOTARY PUBLIC IN AND FOR THE
PROVINCE OF BRITISH COLUMBIA

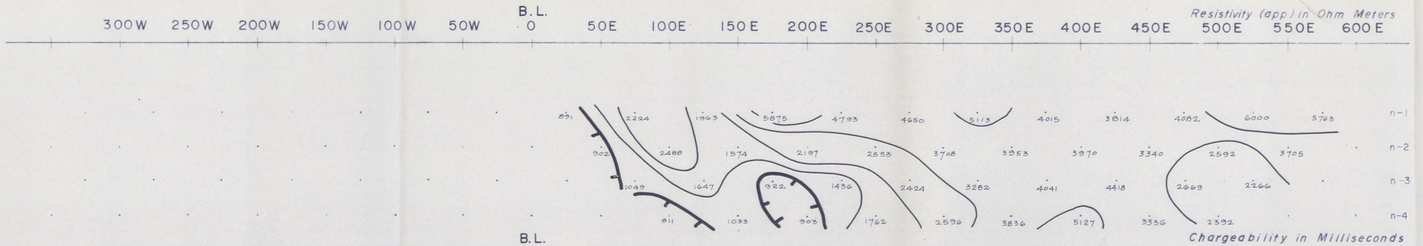


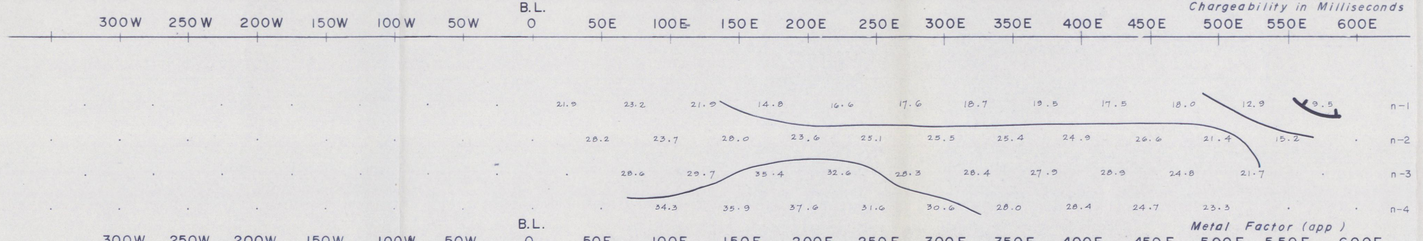
NADALEEN RIVER
106C
YUKON TERRITORY
NORTHWEST TERRITORIES

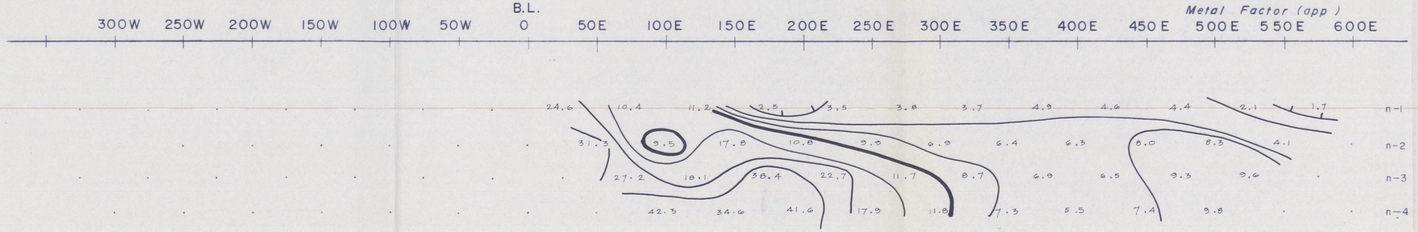
D. F. PROPERTY LOCATION MAP

Scale: AS SHOWN	Date: AUG., 1975	Plate: 91-75-LI


GRID 2
GRID 1
BASELINE
1975 GEOPHYSICS GRID
CLAIM BOUNDARY
OVERLAP OF CLAIM
CLAIM POST
RIVER
TOPOGRAPHIC CONTOUR
METRES
0 100 200 300 400
TO ACCOMPANY A REPORT BY J. KLEIN P. Eng.
DF GROUP
Cominco
106 C/10
Drawn by: MST
Traced by:
Revised by
Date
GEOPHYSICS SURVEY
CLAIM MAP
BONNET PLUME AREA, MAYO M.D. YUKON
Scale: 1 : 4800
Date: AUG., 1975
Plate: 92-75-1







N.T.S. 106 C-10 DWG. NO. I.P.-92-1

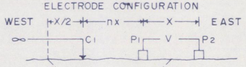
COMINCO LTD.

D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 1
LINE NO. 0

POLE-DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION
OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

DATE SURVEYED JULY 1975

CONTOURS AT
LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

APPROVED

DATE AUGUST 25, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

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

GRID NO. 1 LINE 0

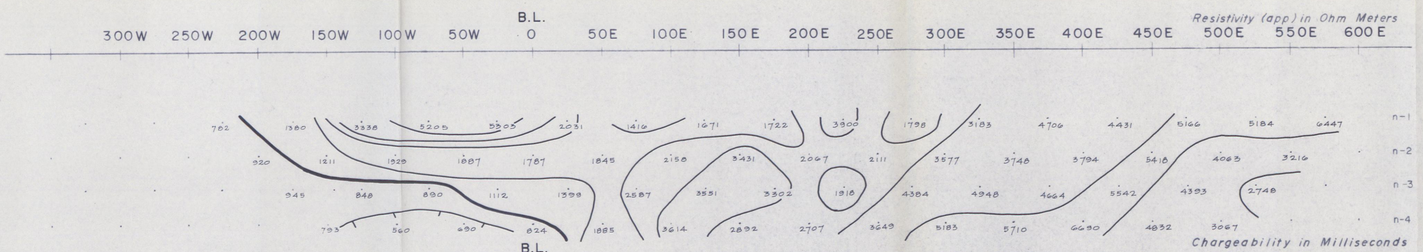
N.T.S. 106 C-10 DWG. NO. I.P.-92-2

COMINCO LTD.

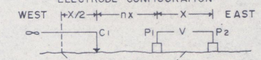
D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 1
LINE NO. 100 N



POLE-DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

CONTOURS AT LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

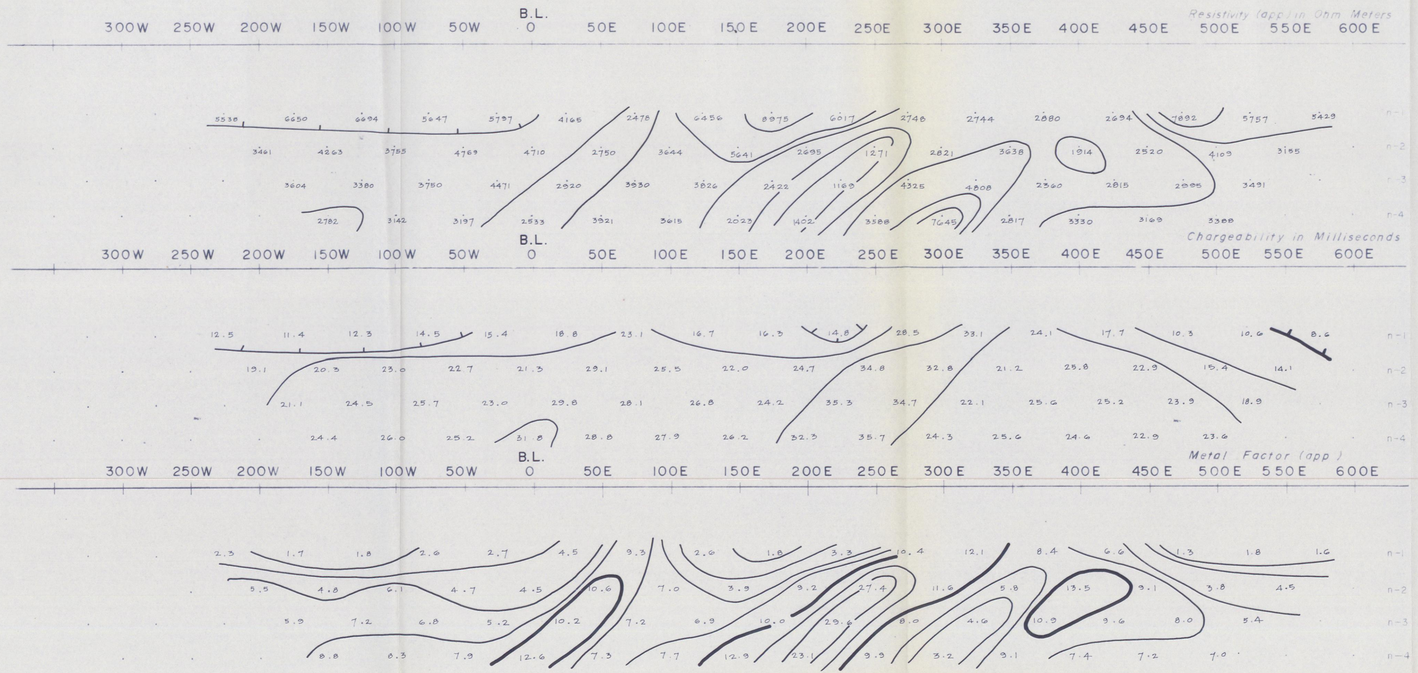
DATE SURVEYED JULY 1975

APPROVED

DATE AUGUST 25, 1975

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

GRID NO. I — LINE 100 N



N.T.S. 106 C-10 DWG. NO. I.P.-92-3

COMINCO LTD.

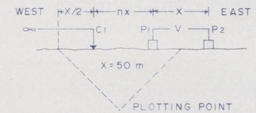
D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 1

LINE NO. 200 N

POLE-DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

SCALE 1:2,000

DATE SURVEYED JULY 1975

CONTOURS AT LOGARITHMIC INTERVALS

1, 10,

1.5, 2, 3, 5, 7.5

APPROVED

DATE AUGUST 25, 1975

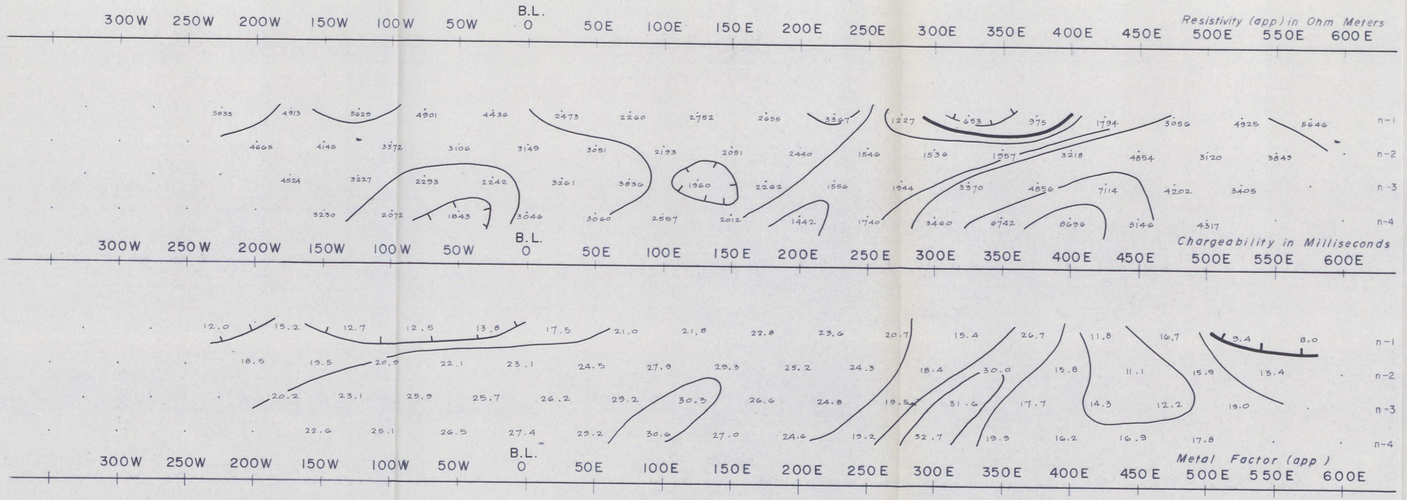
TRANSMITTER: 7.5 KW TIME DOMAIN

RECEIVER: HUNTEC MK III TYPE

INDUCED POLARIZATION AND RESISTIVITY SURVEY

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

GRID I — LINE 200N



N.T.S. 106 C-10 DWG. NO. I.P-92-4

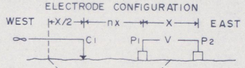
COMINCO LTD.

D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. I
LINE NO. 300 N

POLE - DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION
OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

CONTOURS AT
LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

DATE SURVEYED JULY 1975

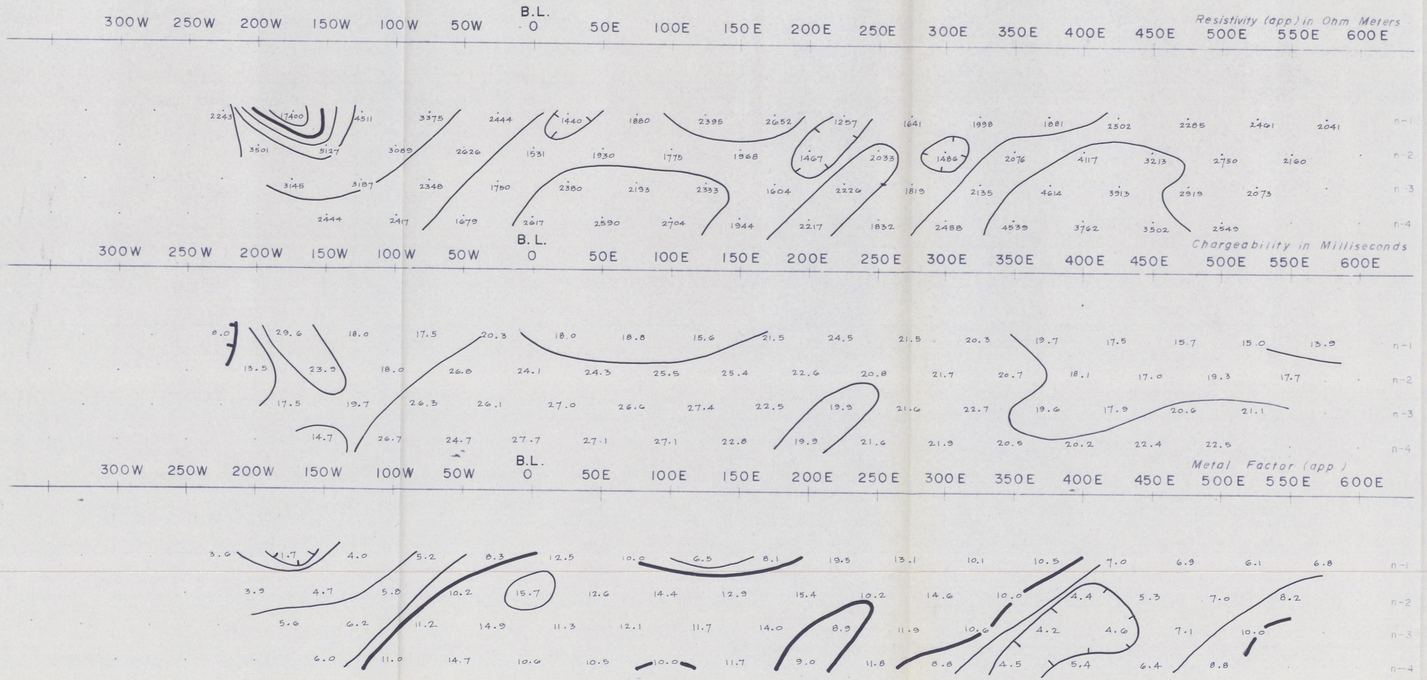
APPROVED

DATE AUGUST 25, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

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

GRID I LINE 300 N



N.T.S. 106 C-10 DWG. NO. I.P.-92-5

COMINCO LTD.

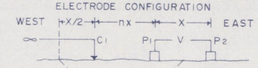
D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 1

LINE NO. 400N

POLE-DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

SCALE 1" = 2,000

DATE SURVEYED JULY 1975

CONTOURS AT LOGARITHMIC INTERVALS 1, 10, 1.5, 2, 3, 5, 7.5

APPROVED

DATE AUGUST 25, 1975

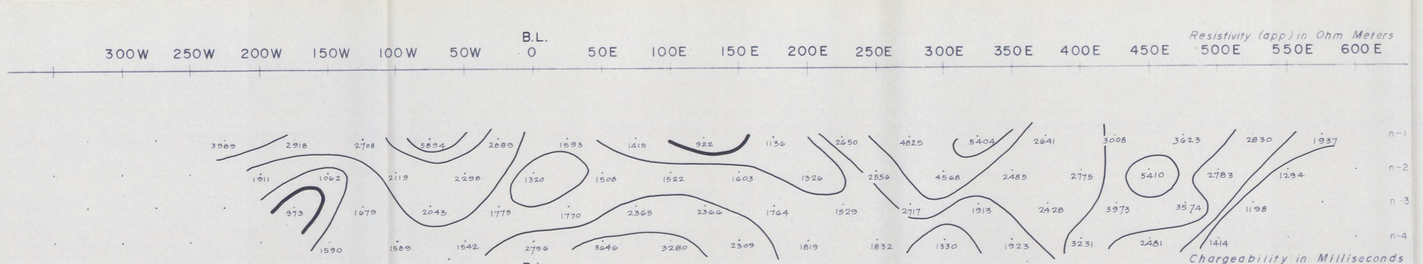
TRANSMITTER: 7.5 KW TIME DOMAIN

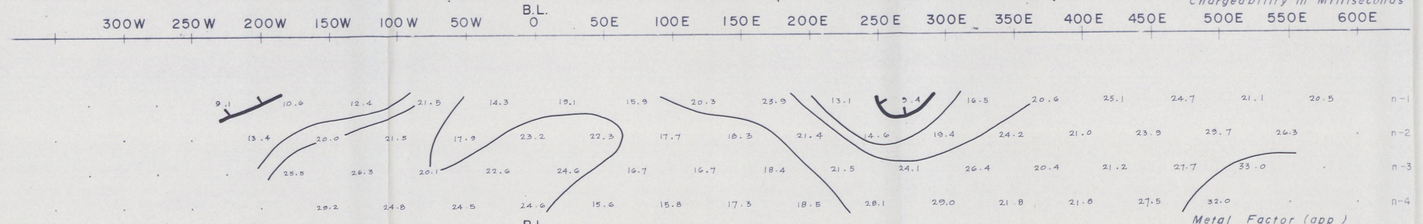
RECEIVER: HUNTEC MK III TYPE

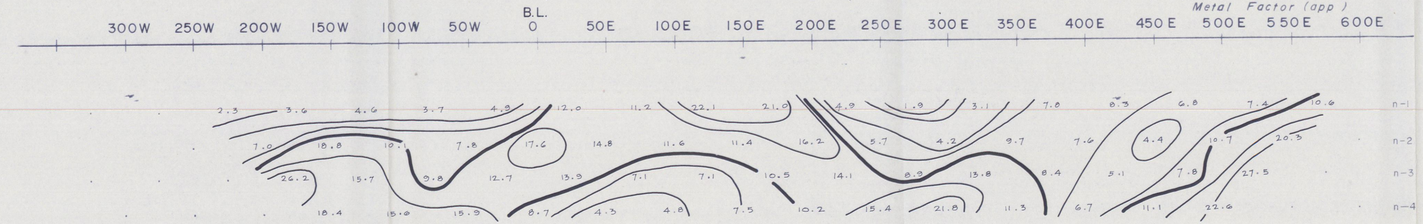
INDUCED POLARIZATION AND RESISTIVITY SURVEY

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

GRID I — LINE 400N







N.T.S. 106 C-10

DWG. NO. I.P.-92-6

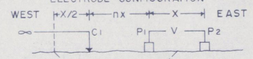
COMINCO LTD.

D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. I
LINE NO. 500 N

POLE-DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION
OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

CONTOURS AT
LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

DATE SURVEYED JULY 1975

APPROVED

DATE AUGUST 25, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

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

GRID I LINE 500 N

N.T.S. 106 C-10

DWG. NO. I.P.-92-7

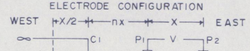
COMINCO LTD.

D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. I
LINE NO. 600N

POLE-DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION
OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

CONTOURS AT
LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

DATE SURVEYED JULY 1975

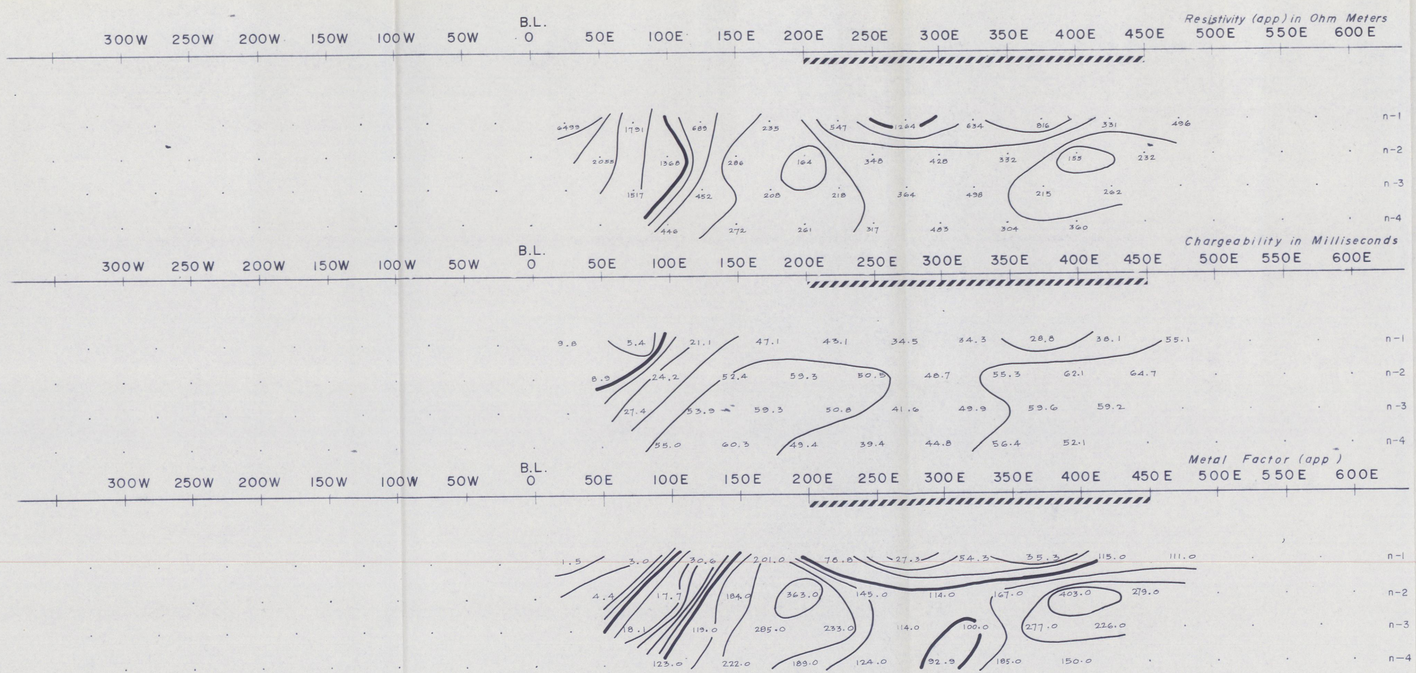
APPROVED

DATE AUGUST 25, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

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

GRID NO. I — LINE 600N



N.T.S. 106 C-10

DWG. NO. I.P.-92-8

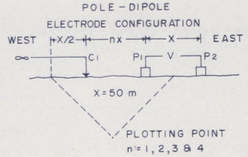
COMINCO LTD.

D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 1
LINE NO. 700 N

POLE - DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

CONTOURS AT LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

DATE SURVEYED JULY 1975

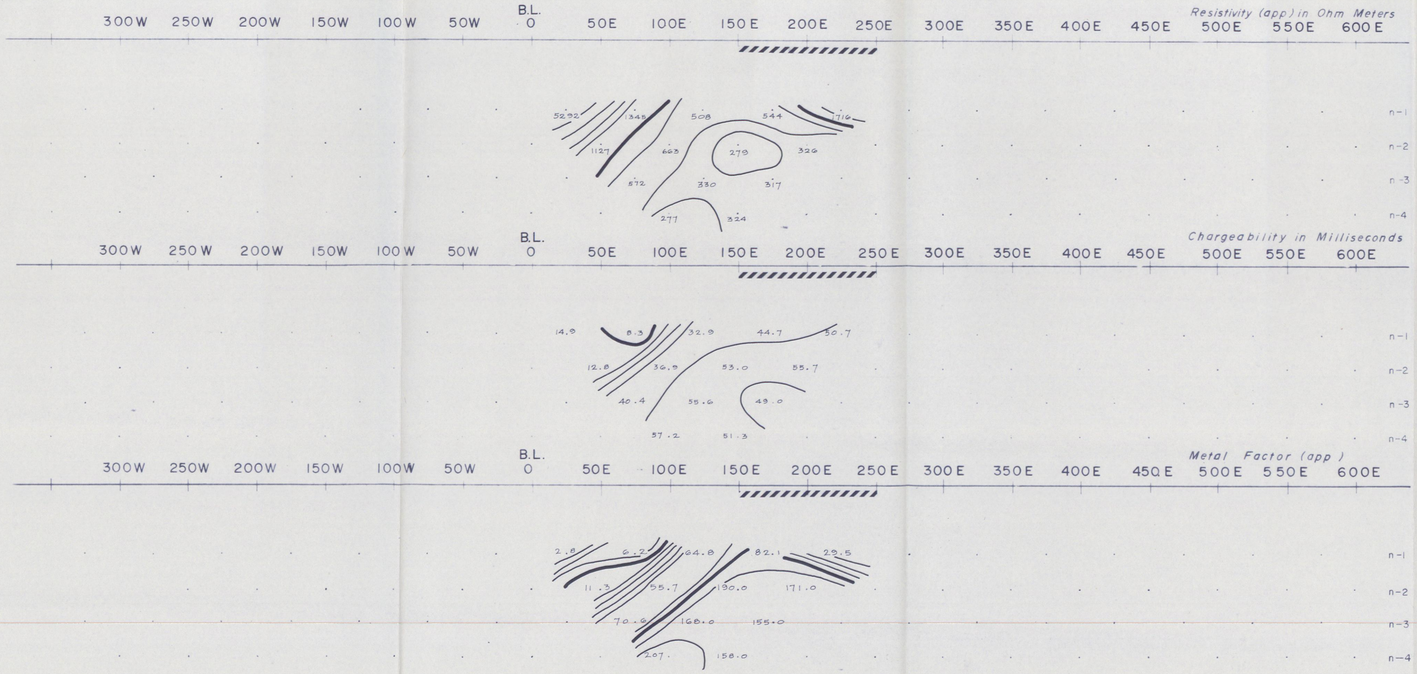
APPROVED

DATE AUGUST 23, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

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

GRID NO. 1 — LINE 700 N



N.T.S. 106 C-10 DWG. NO. I.P.-92-9

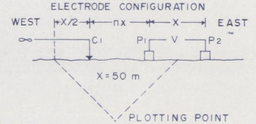
COMINCO LTD.

D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 1
LINE NO. 800N

POLE-DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

CONTOURS AT LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

DATE SURVEYED JULY 1975

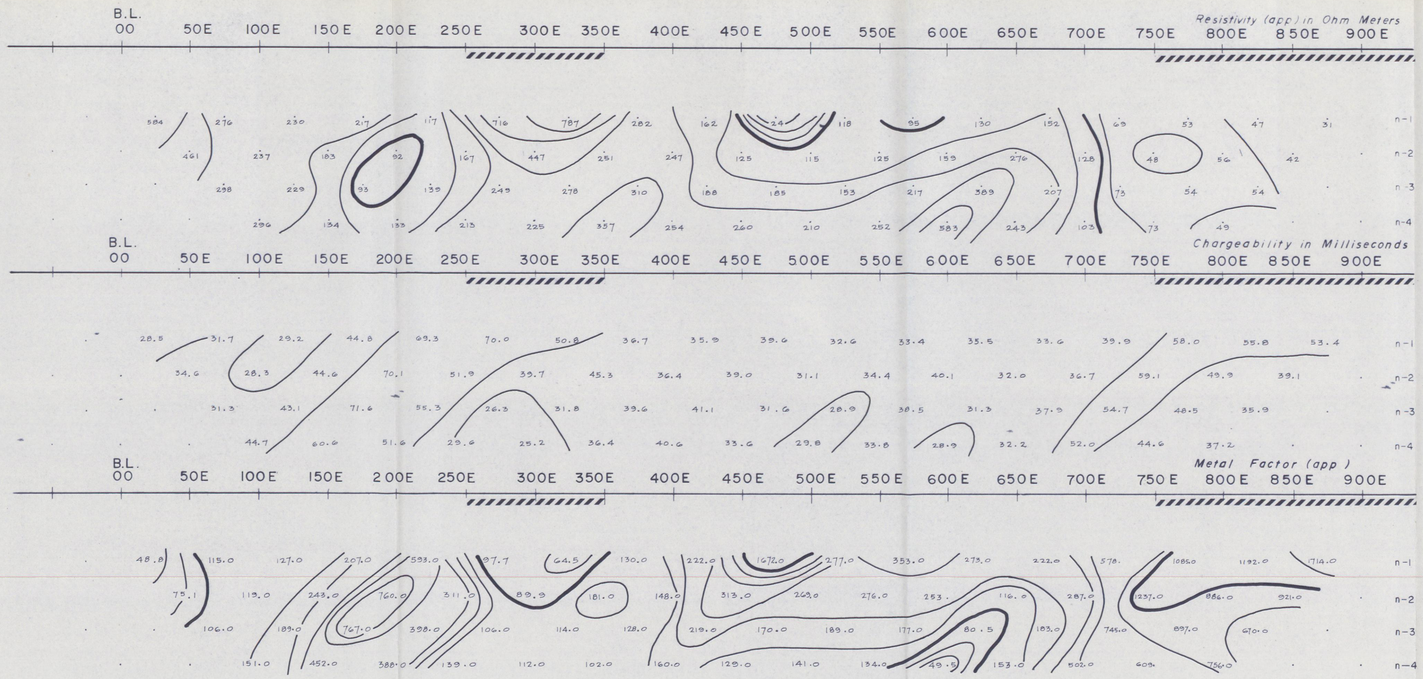
APPROVED

DATE AUGUST 25, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

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

GRID NO. 1 — LINE 800 N



N.T.S. 106 C-10 DWG. NO. I.P.-92-10

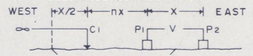
COMINCO LTD.

D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 2
LINE NO. 0

POLE-DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

DATE SURVEYED JULY 1975

CONTOURS AT LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

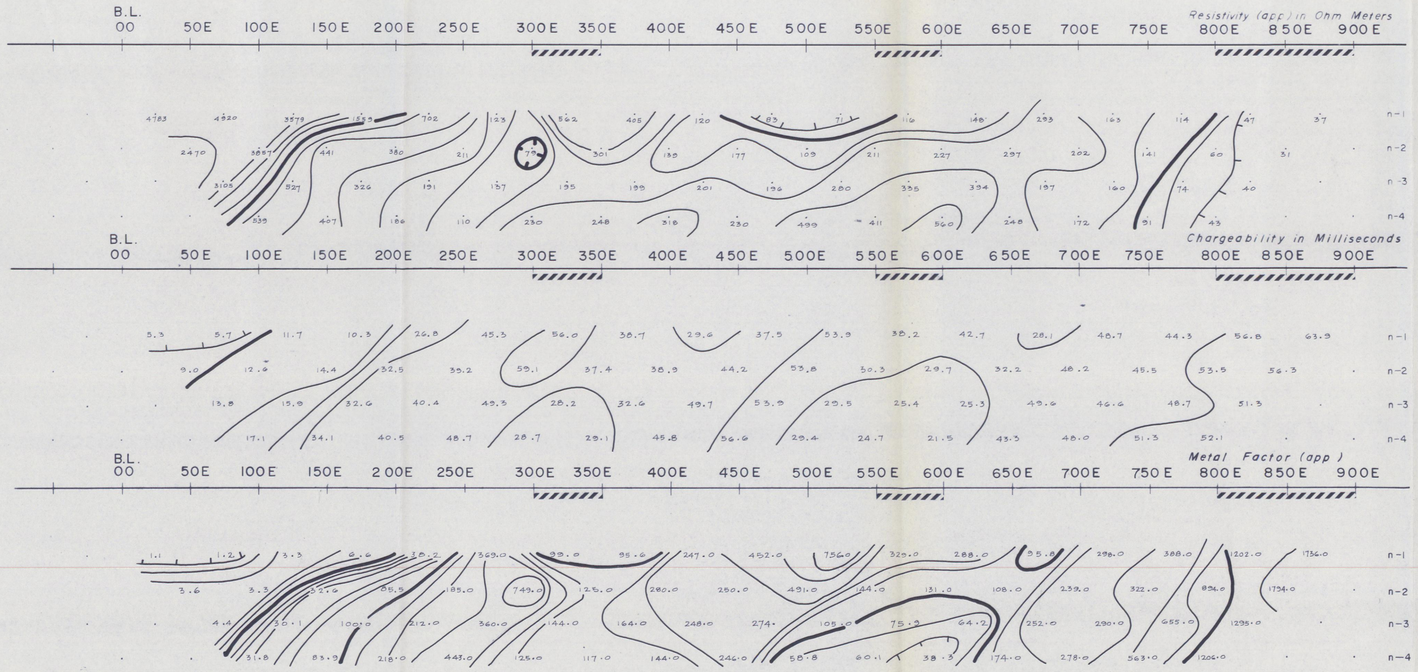
APPROVED

DATE AUGUST 25, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

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

GRID NO. 2 — LINE 0



N.T.S. 106 C-10

DWG. NO. I.P.-92-11

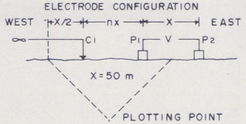
COMINCO LTD.

D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 2
LINE NO. 100N

POLE-DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION
OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

CONTOURS AT
LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

DATE SURVEYED JULY 1975

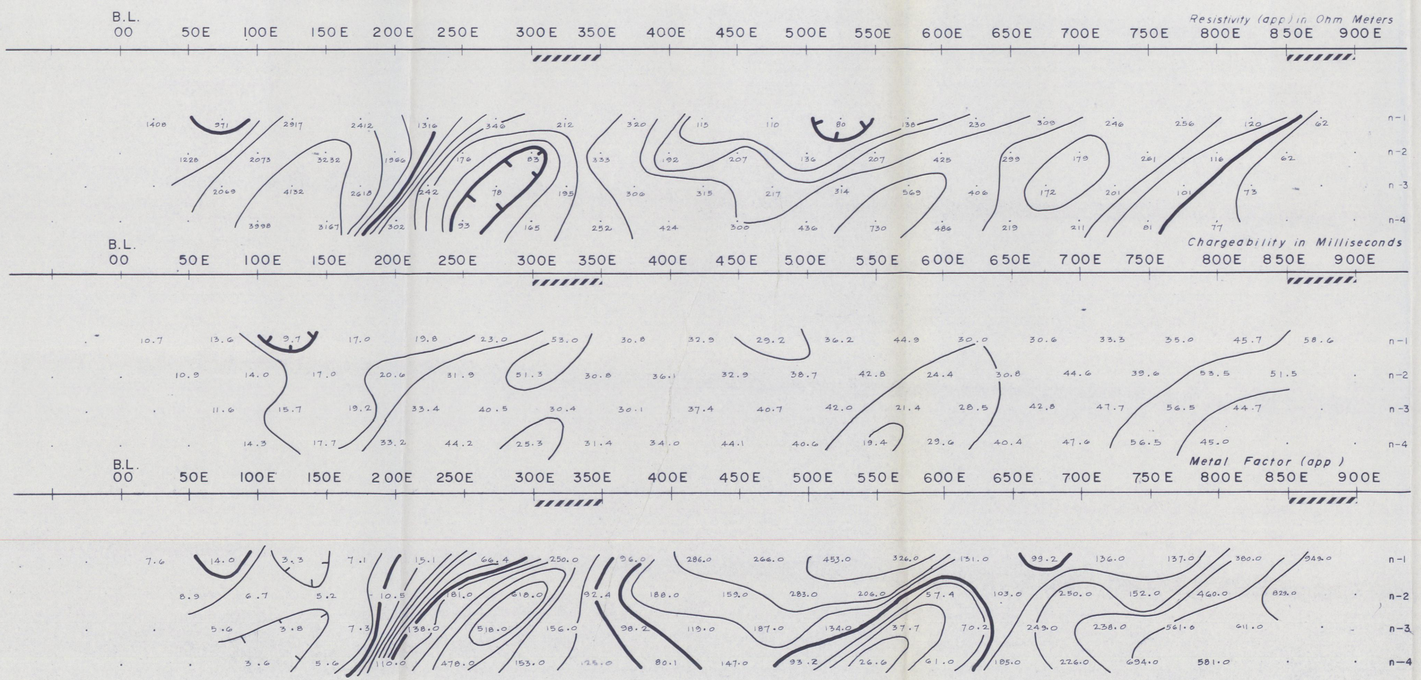
APPROVED

DATE AUGUST 25, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

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

GRID NO. 2 — LINE 100N



N.T.S. 106 C-10

DWG. NO. I.P.-92-12

COMINCO LTD.

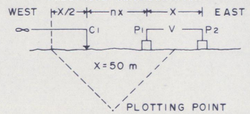
D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 2

LINE NO. 200 N

POLE-DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

SCALE 1:2,000

DATE SURVEYED JULY 1975

CONTOURS AT LOGARITHMIC INTERVALS 1, 10, 1.5, 2, 3, 5, 7.5

APPROVED

DATE AUGUST 25, 1975

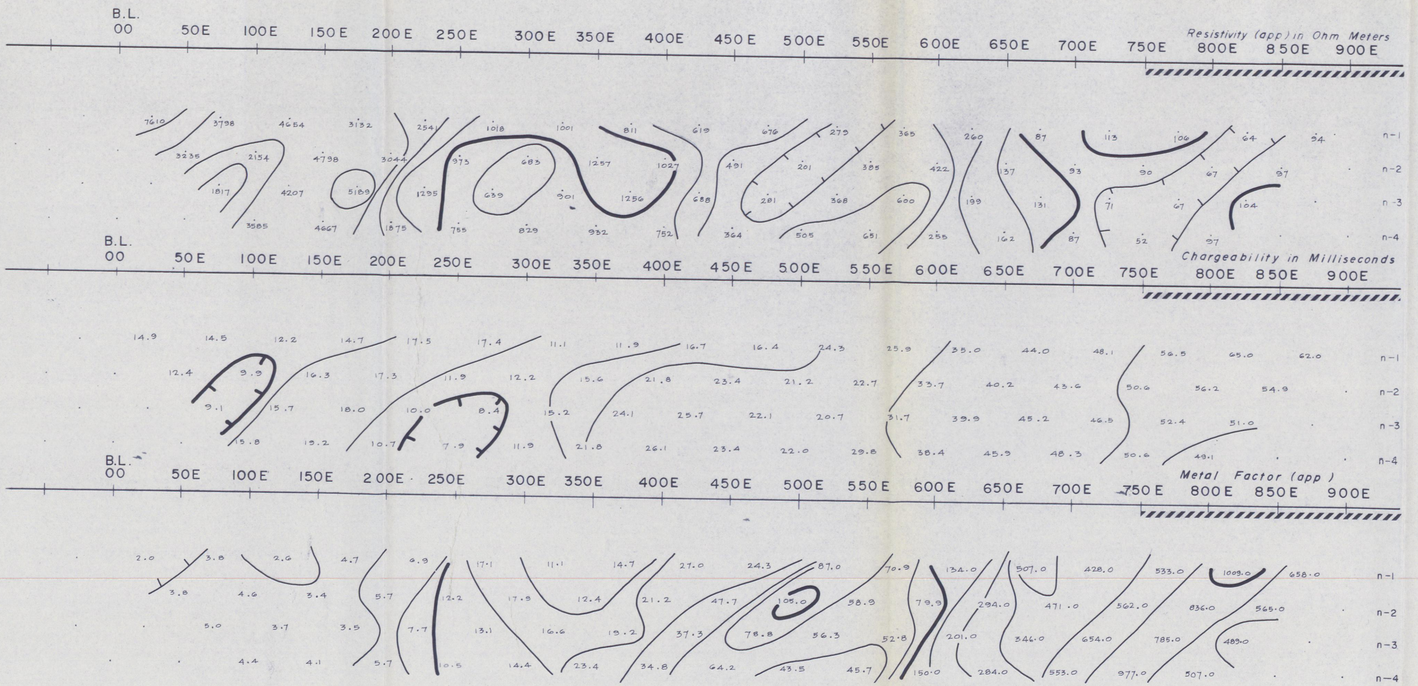
TRANSMITTER: 7.5 KW TIME DOMAIN

RECEIVER: HUNTEC MK III TYPE

INDUCED POLARIZATION AND RESISTIVITY SURVEY

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

GRID NO. 2 LINE 200 N



N.T.S. 106 C-10

DWG. NO. I.P-92-13

COMINCO LTD.

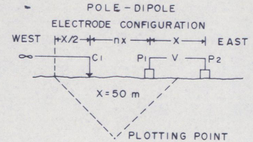
D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 2

LINE NO. 300 N

POLE-DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

SCALE 1:2,000

DATE SURVEYED JULY 1975

CONTOURS AT LOGARITHMIC INTERVALS 1, 10, 1.5, 2, 3, 5, 7.5

APPROVED

DATE AUGUST 25, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN

RECEIVER: HUNTEC MK III TYPE

INDUCED POLARIZATION AND RESISTIVITY SURVEY

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

GRID NO. 2 — LINE 300 N

N.T.S. 106 C-10

DWG. NO. I.P.-92-14

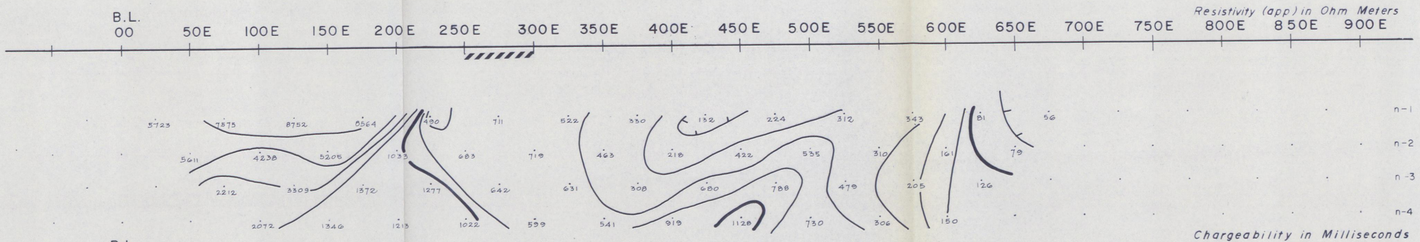
COMINCO LTD.

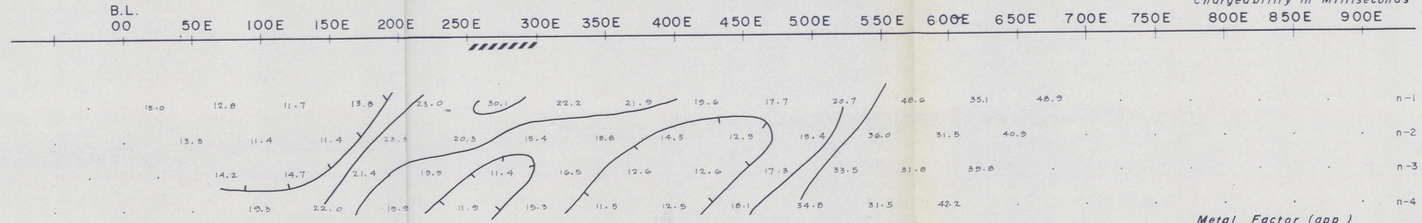
D. F. PROPERTY

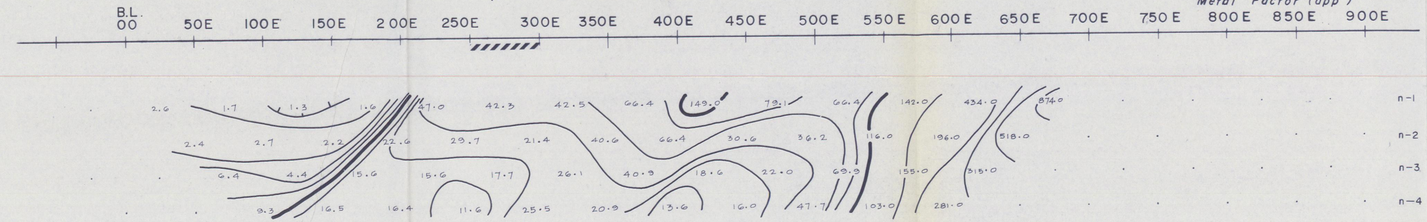
BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 2

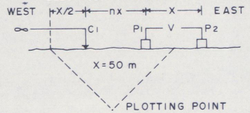
LINE NO. 400N







POLE - DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

SCALE 1: 2,000

CONTOURS AT LOGARITHMIC INTERVALS

1, 10, 1.5, 2, 3, 5, 7.5

DATE SURVEYED JULY 1975

APPROVED

DATE AUGUST 25, 1975

TRANSMITTER: 7.5 KW TIME DOMAIN

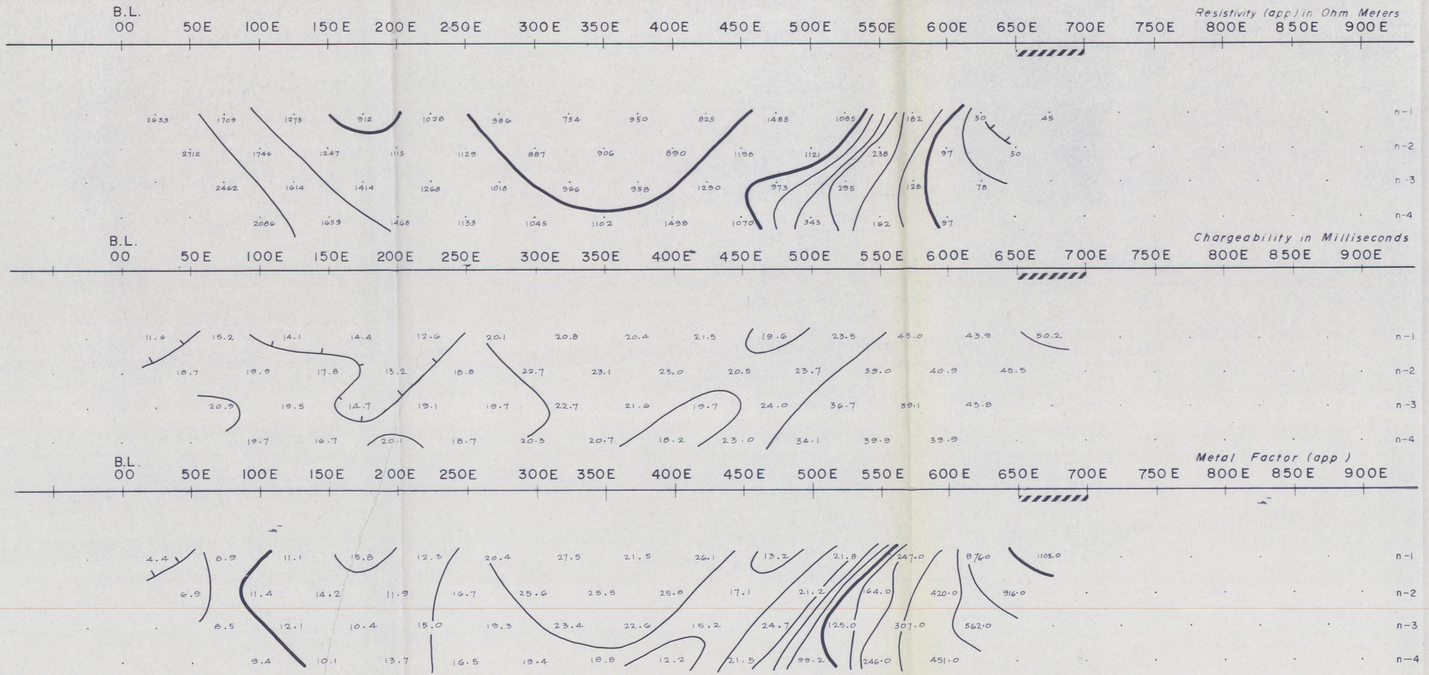
RECEIVER: HUNTEC MK III TYPE

INDUCED POLARIZATION AND RESISTIVITY SURVEY

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

LINE 400N

GRID NO. 2



N.T.S. 106 C-10 DWG. NO. I.P.-92-15

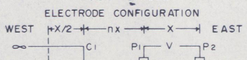
COMINCO LTD.

D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 2
LINE NO. 500N

POLE-DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

SCALE 1:2,000

CONTOURS AT LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

DATE SURVEYED JULY 1975

APPROVED

DATE AUGUST 25, 1975

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

GRID NO. 2 — LINE 500N

N T S 106 C-10

DWG. NO. I.P-92-16

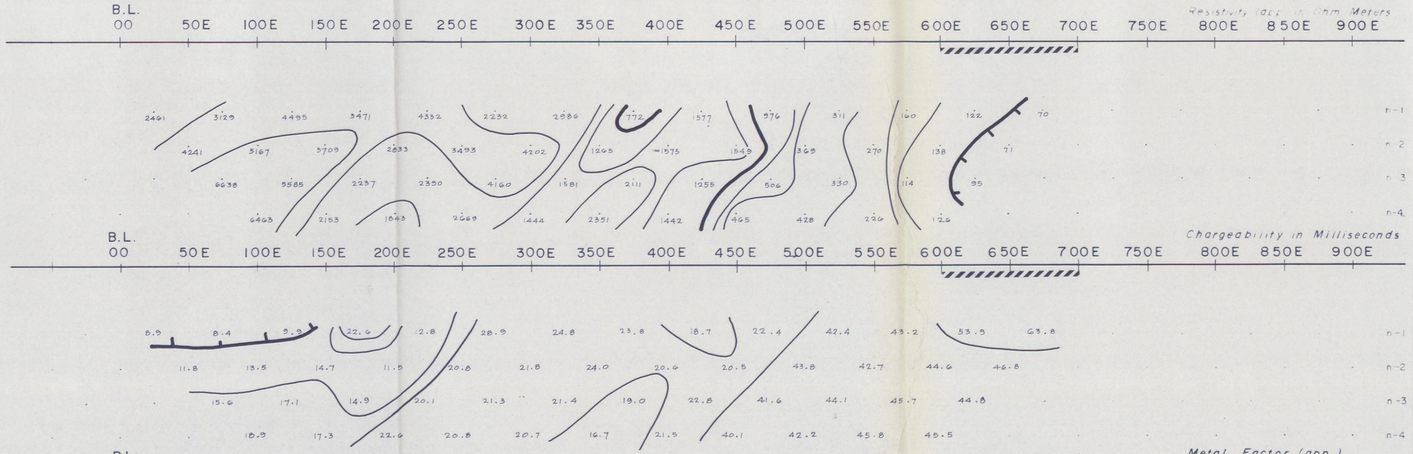
COMINCO LTD.

D. F. PROPERTY

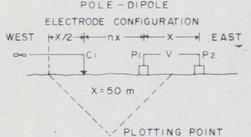
BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 2

LINE NO. 600 N



POLE - DIPOLE ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

SCALE 1:2,000

DATE SURVEYED JULY 1975

CONTOURS AT LOGARITHMIC INTERVALS 1, 10, 1.5, 2, 3, 5, 7.5

APPROVED

DATE AUGUST 25, 1975

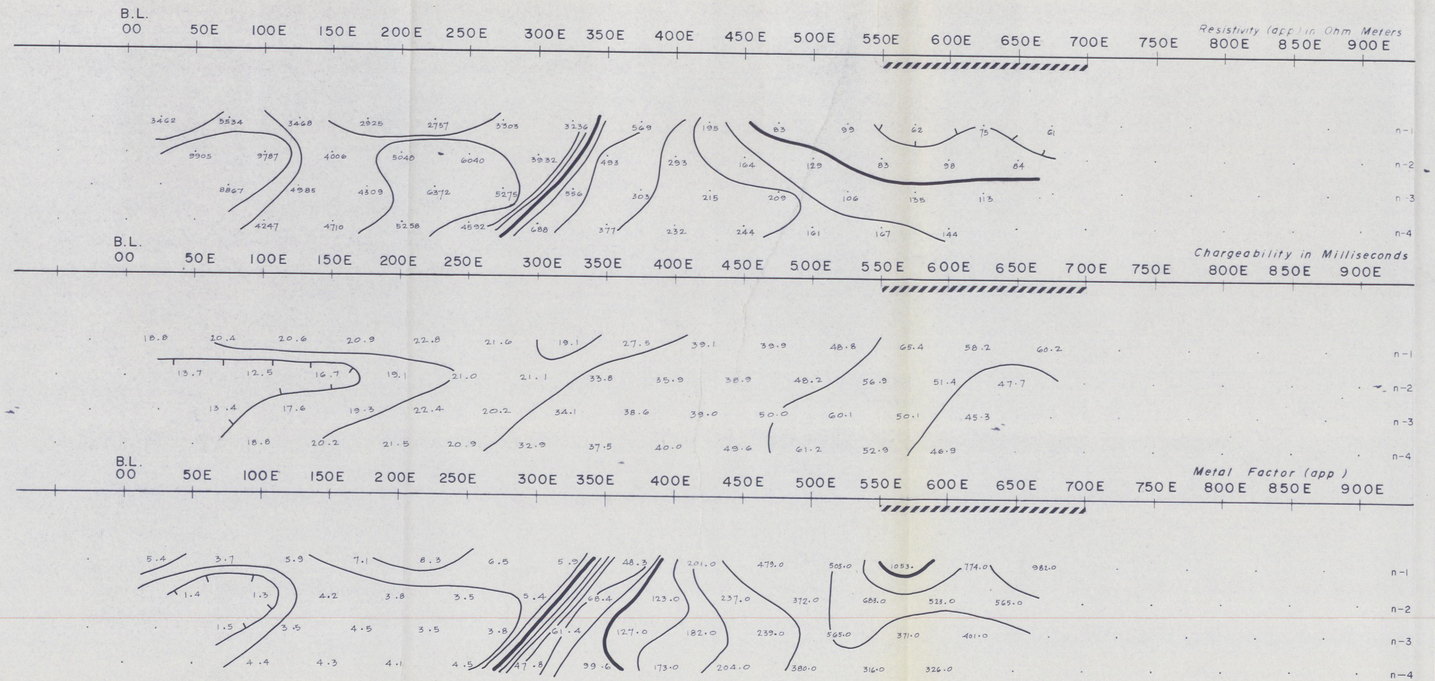
TRANSMITTER: 7.5 KW TIME DOMAIN

RECEIVER: HUNTEC MK III TYPE

INDUCED POLARIZATION AND RESISTIVITY SURVEY

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

GRID NO. 2 — LINE 600 N



N.T.S. 106 C-10

DWG. NO. I.P.-92-17

COMINCO LTD.

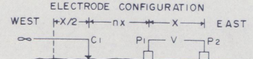
D. F. PROPERTY

BONNET PLUME AREA, MAYO M.D., YUKON

GRID NO. 2

LINE NO. 700N

POLE - DIPOLE
ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

SCALE 1:2,000

CONTOURS AT LOGARITHMIC INTERVALS
1, 10,
1.5, 2, 3, 5, 7.5

TRANSMITTER: 7.5 KW TIME DOMAIN
RECEIVER: HUNTEC MK III TYPE

DATE SURVEYED JULY 1975

APPROVED

DATE AUGUST 25, 1975

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

GRID NO. 2 — LINE 700N