

COMINCO LTD. 81-# 1184-9953

EXPLORATION

WESTERN DISTRICT

NTS: 92I/7W

GEOPHYSICAL REPORT  
ON AN

INDUCED POLARIZATION  
SURVEY  
ON THE

NOVA OPTION, GUMP GROUP  
CHATAWAY LAKE AREA,  
KAMLOOPS AND NICOLA MINING DIVISIONS, B.C.

Latitude: 50°25'N  
Longitude: 120°55'W

Field Work Performed: October 5 - 23, 1981  
On Claims: NOVA 1, 2, 3, 4, 5 and 6, APOLLO 4  
and LEM 4 and 6

16 DECEMBER 1981

J. KLEIN

COMINCO LTD.

EXPLORATION  
NTS: 92I/7W

WESTERN DISTRICT

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On Claims: NOVA 1, 2, 3, 4, 5 and 6, APOLLO 4 and LEM:4 and 6

MINING DIVISIONS BRANCH  
ASSESSMENT REPORT  
9953  
NO.

part 2  
of 2

16 DECEMBER, 1981

J. KLEIN

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## ATTACHMENTS

216-81-1a	General Location Map
216-81-2a	Claim and Grid Map
216-81-3a, b	Chargeability Contour Plan (n=1)
216-81-4a, b	Apparent Resistivity Contour Plan (n=1)
216-81-9 to 16	Chargeability/Apparent Resistivity Pseudosections

## REFERENCE

J. Klein, 1981:	Geophysical Report on an I.P. and Magnetic Survey on the NOVA Option, Gump Group, dated 5 November, 1981
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COMINCO LTD.

EXPLORATION

NTS: 92I/7W

WESTERN DISTRICT

16 December 1981

GEOPHYSICAL REPORT

ON AN

INDUCED POLARIZATION

SURVEY

ON THE

NOVA OPTION, GUMP GROUP

CHATAWAY LAKE AREA, KAMLOOPS AND NICOLA MINING DIVISIONS, B.C.

INTRODUCTION

During the period October 5 - 23, 1981, an Eagle Geophysics Ltd. crew under contract to COMINCO LTD. completed some 36 kilometers of a multiseparation induced polarization survey over portions of the NOVA Option, Gump Group. This survey is the continuation of a survey conducted by COMINCO LTD. earlier in 1981 over other parts of the property. A COMINCO technician was assigned to the Eagle Geophysics crew to assist with the I.P. survey.

The NOVA Option, Gump Group is located in the Highland Valley area of B.C., immediately west of DOT and BILLY Lakes. Plate 1a shows the general location of the property, and Plate 2a shows the location of the survey lines with respect to the claims. The survey area is immediately west of COMINCO's Gump property.

This report describes the procedures used on the survey, presents the data and discusses the results.

INDUCED POLARIZATION SURVEY

A Hunttec 7.5 kw M-4 I.P. transmitter in combination with two Hunttec M-3 receivers were used during this survey. Readings were taken in the time domain using a 2 second current ON/OFF alternating square wave signal. Chargeability values are given in milliseconds.

The survey was of a regional reconnaissance nature with survey lines 400 meters apart. A pole-dipole electrode array was used with an "a" spacing of 100 meters and "n" separations of 1, 2, 3 and 4. For logistical reasons, the direction of the current electrode with respect to the potential dipole was not kept constant for the survey. In some areas it was to the west and in others to the east. The direction is noted on the pseudosections.

The M-3 receiver used for the present survey samples the I.P. decay during a slightly different period than the IPR-8 receiver used during the earlier survey on this property. The M-3 results (in milliseconds) are on the average higher by 15-20% than the IPR-8 data (in millivolts/Volt). This should be kept in mind when comparing the results of the two data sets.

The apparent resistivity values are given in units of ohm meters and were calculated from the relation:

$$\text{apparent resistivity} = (V/I).K,$$

where V is the voltage across the measuring dipole during the current on period (I), and K is a geometrical factor dependent on the "a" spacing and "n" separation.

All data were collected using survey line 4500W as a baseline. This baseline was, however, labelled 0+00 for the northern lines (1200N to 2400S) and 4500W for the remainder (4800S to 6400S).

DISCUSSION OF RESULTS

The induced polarization survey results are presented in pseudosection format on Plates 216-81-9 to 16. The chargeability response has been categorized on those sections as follows:-

-  strong I.P. high ( > 15 msec. at near separations)
-  moderate I.P. high (11-15 msec. at near separations)
-  weak I.P. high (7-11 msec. at near separations)
-  > 7 msec. at further separations

These categories were chosen to be consistent with the categories used by COMINCO LTD. on the adjacent properties corrected for the different types of receivers used (Huntec M-3, M4, Scintrex IPR-8 or Crone IPR-4)

Plates 216-81-3a and 3b are contour plans of the near separation (n=1) chargeability in msec. Plates 216-81-4a and 4b show the same for the resistivity in ohm meters. Plates 3a and 4a show also the data collected during the survey earlier during 1981 using the IPR-8 receiver.

Areas of greater than 7 milliseconds at the near separation are indicated by the stippled pattern on the contour plan. The zone detected in the N.E. corner of the previous survey is reconfirmed during the present survey (Line 5200, Plate 3a). The zone of > 7 msec chargeability detected along the eastern part of Lines 1200S to 2400S is on trend with this zone. The general increase of resistivity over this zone suggests it to be formational (= higher background) rather than anomalous. A weak high trend is also visible from Line 2400S near the 4500W baseline to 400N, 1100 m west of that baseline.

CONCLUSIONS

Two portions of the NOVA Option, Gump Group were surveyed with multiseperation time-domain I.P. in the early Fall of 1981. A large zone of higher chargeability was detected. This zone reflects most likely a change in rock type rather than a change towards economic mineralization.

No further work can presently be recommended on the portions of the property covered with the I.P. survey.

Report by:

  
\_\_\_\_\_  
J. Klein  
Chief Geophysicist

Approved for  
Release:

  
\_\_\_\_\_  
G. Harden  
Manager, Exploration,  
Western District

Distribution:

Mining Recorder	(3)
Western District	(1)
Vernon	(1)
Owner	(1)
Administration	(1)
Geophysics File	(1)

APPENDIX I

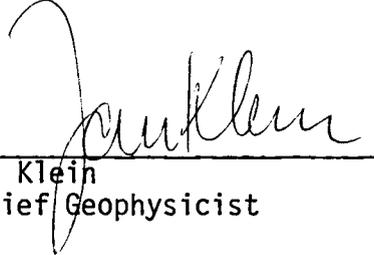
IN THE MATTER OF THE B.C. MINERAL ACT  
AND IN THE MATTER OF A GEOPHYSICAL PROGRAM  
CARRIED OUT ON PORTIONS OF THE NOVA, APOLLO AND LEM MINERAL CLAIMS  
ON THE NOVA OPTION, GUMP GROUP  
LOCATED IN THE  
CHATAWAY LAKE AREA, KAMLOOPS AND NICOLA MINING DIVISIONS, B.C.  
OF THE PROVINCE OF BRITISH COLUMBIA, MORE PARTICULARLY  
N.T.S.: 92I/7W

S T A T E M E N T

I, JAN KLEIN, OF THE CORPORATION OF RICHMOND, IN THE PROVINCE OF BRITISH COLUMBIA, 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 the annexed hereto and marked as "Appendix II" to this statement is a true copy of expenditures incurred on geophysical survey on the NOVA Option, Gump Group;
- 3) THAT the said expenditures were incurred for the purpose of mineral exploration of the above-noted claims between the 5th day and 23rd day of October, 1981.

Signed: \_\_\_\_\_

  
J. Klein  
Chief Geophysicist

16 December 1981

APPENDIX II

STATEMENT OF EXPENDITURES

NOVA OPTION, GUMP GROUP

(INDUCED POLARIZATION SURVEY, OCTOBER 5 - 23, 1981)

1.	Contract Services by Eagle Geophysics Ltd.	\$ 28,235.80
2.	COMINCO Technician, G.K. Nolan 19 days @ \$135.00/day	2,565.00
3.	Drafting by G.E. Lillos 36 km @ \$65.1475/km	2,345.31
4.	Interpretation and Reporting by J. Klein 1 day @ \$190.00	190.00
5.	Supervisory Trip by A.R. Scott Expenses	766.31

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\$ 34,102.42

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APPENDIX III

C E R T I F I C A T I O N

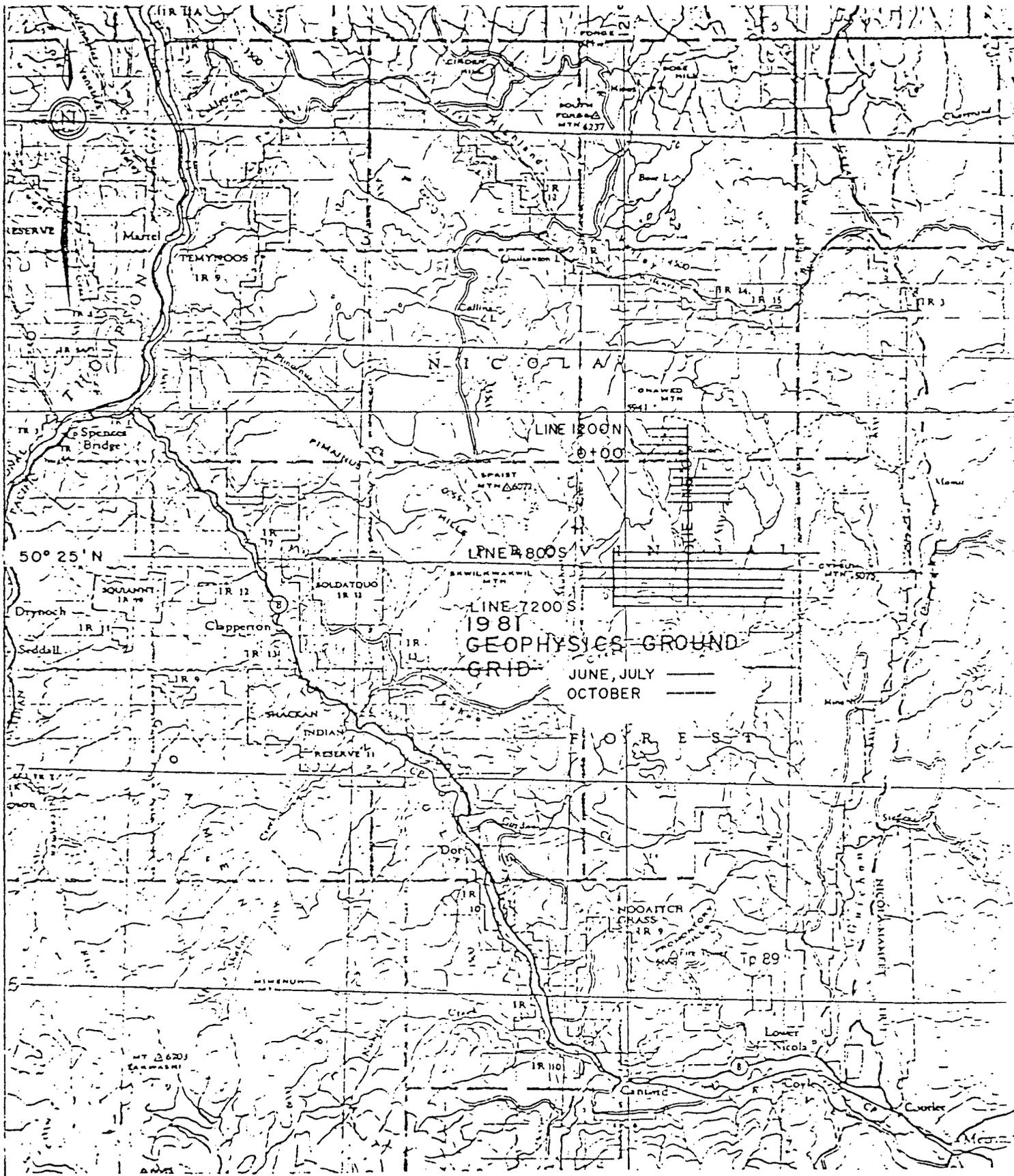
I, JAN KLEIN, of 4371 Coventry Drive, in the Corporation of Richmond in the Province of British Columbia, do hereby certify:-

- 1) THAT I graduated from the Technological University of Delft Netherlands in 1965 with a M.Sc. in Geophysics:
- 2) THAT I am a member of the Association of Professional Engineers of the Province of British Columbia, the Society of Exploration Geophysicist of America, and the British Columbia Geophysical Society:
- 3) THAT I have been practising my profession for the past sixteen years.

Signed: \_\_\_\_\_

  
J. Klein  
Chief Geophysicist

16 December 1981



1981  
GEOPHYSICS GROUND  
GRID

JUNE, JULY  
OCTOBER

GUMP GROUP  
NOVA OPTION

NTS  
92-1-7

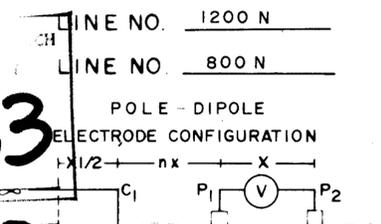
Drawn by:	Traced by:
Revised By	Date
Revised By	Date

LOCATION MAP  
NICOLA M.D., B.C.

Scale: 1 : 250,000      Date: JAN. 1982      Plate 216-81-10

COMINCO LTD.  
GUMP GROUP  
NOVA OPTION  
KAMLOOPS M.D., B.C.

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of 2



PLOTTING POINT  
n = 1, 2, 3 & 4

CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

- CHARGEABILITY (IP) INTERPRETATION**
- ██████████ STRONG CHARGEABILITY HIGH
  - ▨▨▨▨▨▨ MODERATE CHARGEABILITY HIGH
  - ▨▨▨▨▨ WEAK CHARGEABILITY HIGH
  - ▨▨▨▨▨ IP HIGH AT FURTHER SEPERATIONS
- APPARENT RESISTIVITY INTERPRETATION**
- APPARENT RESISTIVITY LOW

SCALE 1:6000 DATE SURVEYED OCTOBER 1981

CONTOUR INTERVALS:

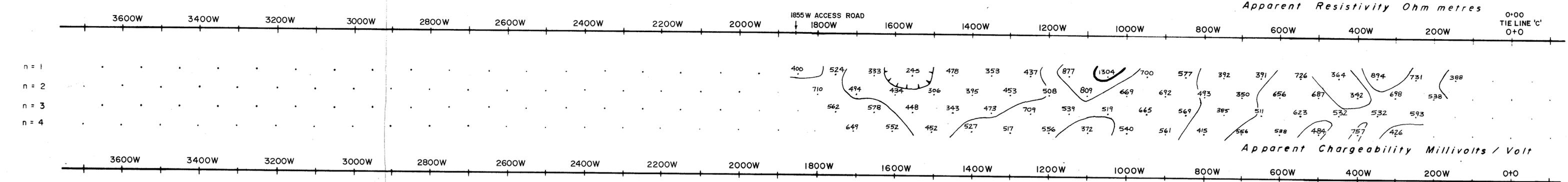
APP RES - 1, 1.5, 2, 3, 5, 7.5, 10 ohm metres APPROVED \_\_\_\_\_  
APP CHARG - 1 M SEC

DATE \_\_\_\_\_

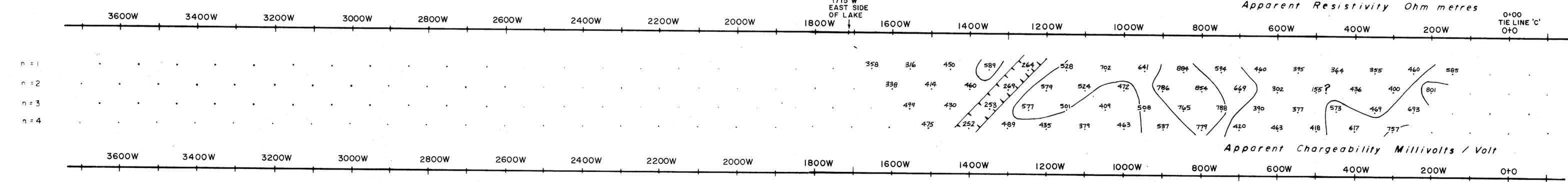
TRANSMITTER - HUNTEC 7.5 Kw UNIT  
RECEIVER - HUNTEC M-3

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY EAGLE GEOPHYSICS LTD.

LINE 1200 N



LINE 800 N



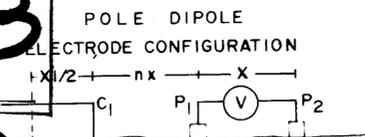
LINE 1200 N  
LINE 800 N

COMINCO LTD.  
GUMP GROUP  
NOVA OPTION  
KAMLOOPS M.D., B.C.

LINE NO. 400 N  
LINE NO. 0+00

9953

part 2  
of 2



PLOTTING POINT  
n = 1, 2, 3 & 4

CURRENT ELECTRODE AS INDICATED

- CHARGEABILITY (IP) INTERPRETATION**
- ██████████ STRONG CHARGEABILITY HIGH
  - ▨▨▨▨▨▨ MODERATE CHARGEABILITY HIGH
  - ▤▤▤▤▤▤ WEAK CHARGEABILITY HIGH
  - IP HIGH AT FURTHER SEPERATIONS
- APPARENT RESISTIVITY INTERPRETATION**
- APPARENT RESISTIVITY LOW

SCALE 1 6000 DATE SURVEYED OCTOBER 1981

CONTOUR INTERVALS

APP RES - 1,1.5,2,3,5,7.5,10 ohmmetres APPROVED \_\_\_\_\_  
APP CHARG - 1 M SEC

DATE \_\_\_\_\_

TRANSMITTER HUNTEC 7.5 Kw UNIT  
RECEIVER - HUNTEC M-3

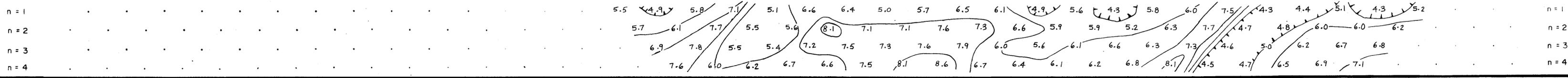
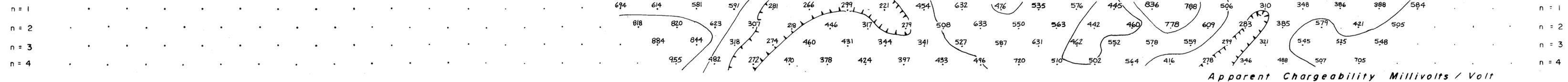
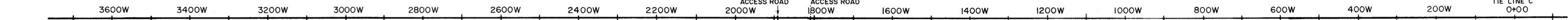
INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY EAGLE GEOPHYSICS LTD.

LINE 400 N

CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

Apparent Resistivity Ohm metres

0+00 TIE LINE 'C' 0+00



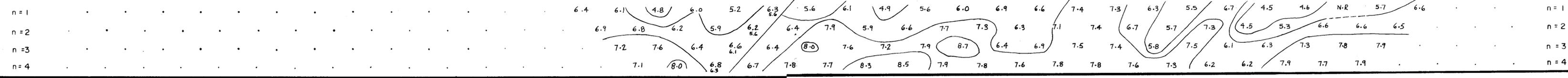
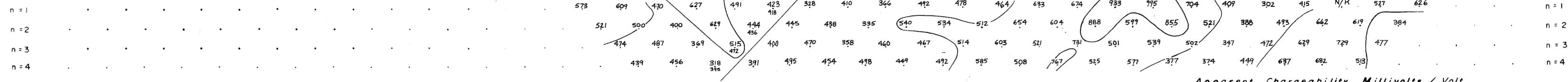
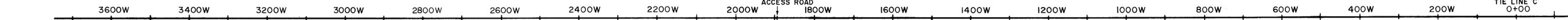
LINE 0+00

CURRENT ELECTRODE EAST OF POTENTIAL DIPOLE

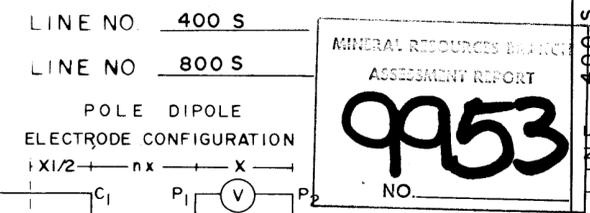
CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

Apparent Resistivity Ohm metres

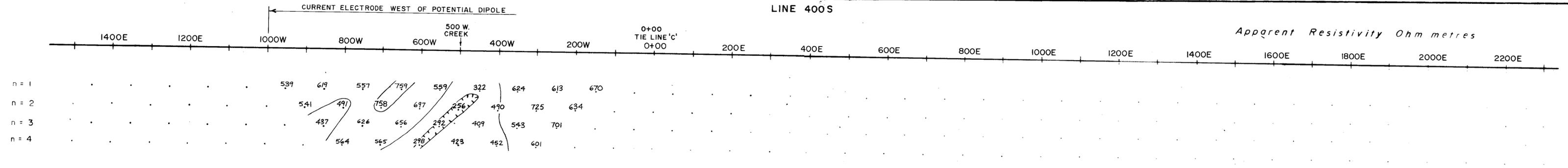
0+00 TIE LINE 'C' 0+00



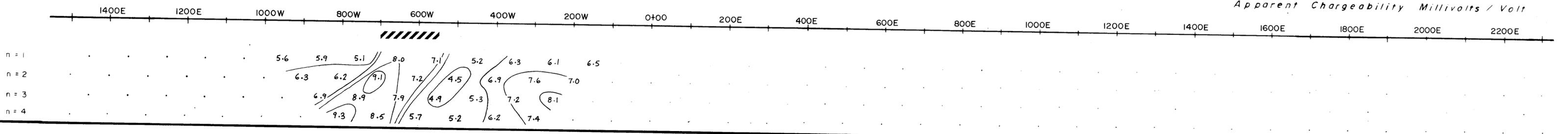
# COMINCO LTD. GUMP GROUP NOVA OPTION KAMLOOPS M.D., B.C.



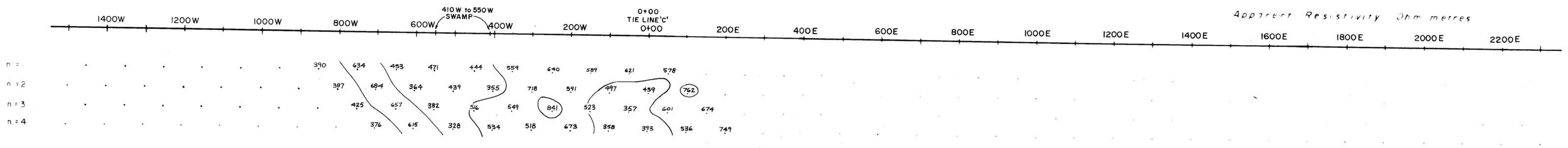
## LINE 400S



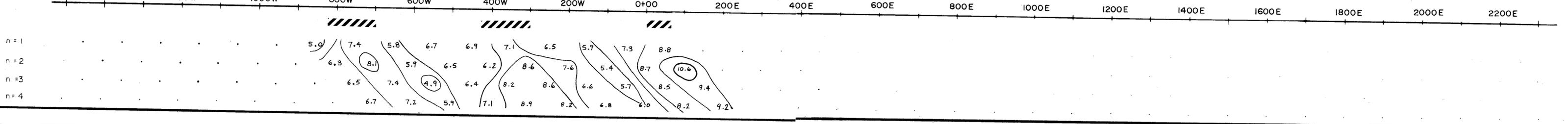
### Apparent Chargeability Millivolts / Volt



## LINE 800S



### Apparent Chargeability Millivolts / Volt



CURRENT ELECTRODE AS INDICATED

CHARGEABILITY (IP) INTERPRETATION

STRONG CHARGEABILITY HIGH

MODERATE CHARGEABILITY HIGH

WEAK CHARGEABILITY HIGH

IP HIGH AT FURTHER SEPERATIONS

APPARENT RESISTIVITY INTERPRETATION

APPARENT RESISTIVITY LOW

SCALE 1:6000 DATE SURVEYED OCTOBER 1981

CONTOUR INTERVALS

APP RES — 1,1.5,2,3,5,7.5,10 ohmmetres APPROVED

APP CHARG 1 M SEC

DATE

TRANSMITTER HUNTEC 7.5 Kw UNIT

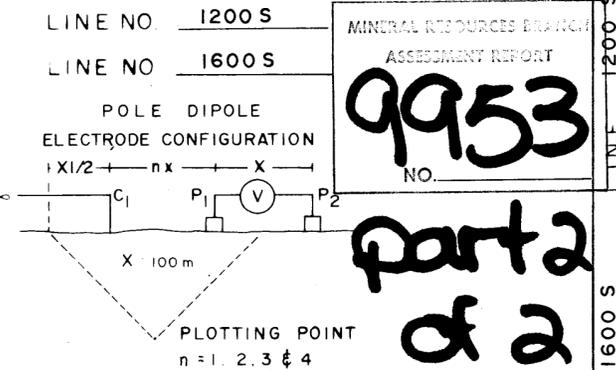
RECEIVER — HUNTEC M-3

INDUCED POLARIZATION AND RESISTIVITY SURVEY

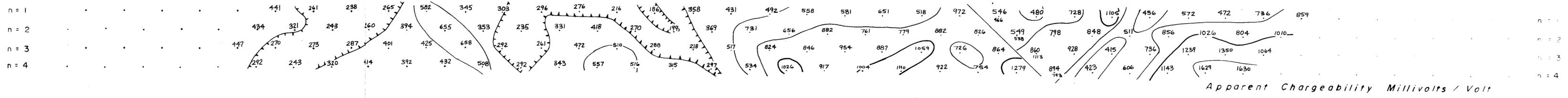
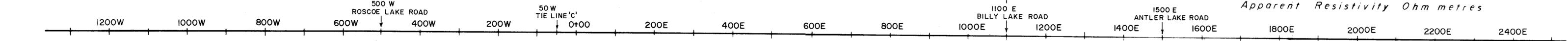
SURVEYED BY EAGLE GEOPHYSICS LTD.

LINE 400S  
LINE 800S

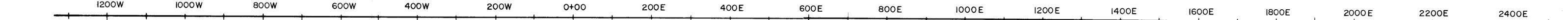
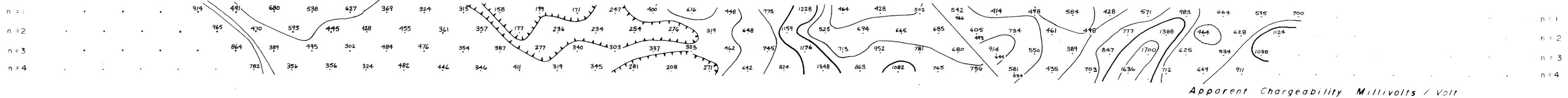
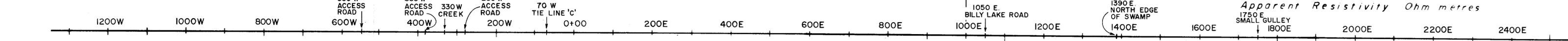
# COMINCO LTD. GUMP GROUP NOVA OPTION KAMLOOPS M.D., B.C.



## LINE 1200 S



## LINE 1600 S



**CHARGEABILITY (IP) INTERPRETATION**  
 [Solid black bar] STRONG CHARGEABILITY HIGH  
 [Dashed black bar] MODERATE CHARGEABILITY HIGH  
 [Dotted black bar] WEAK CHARGEABILITY HIGH  
**APPARENT RESISTIVITY INTERPRETATION**  
 [Dashed line] IP HIGH AT FURTHER SEPERATIONS  
 [Dotted line] APPARENT RESISTIVITY LOW

SCALE 1:6000 DATE SURVEYED OCTOBER 1981

CONTOUR INTERVALS

APP RES - 1,1.5,2,3,5,7.5,10 ohmmetres APPROVED \_\_\_\_\_  
APP CHARG 1 M SEC

DATE \_\_\_\_\_

TRANSMITTER HUNTEC 75 Kw UNIT  
RECEIVER HUNTEC M-3

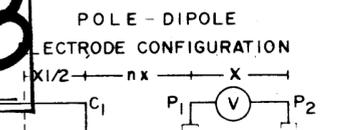
INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY EAGLE GEOPHYSICS LTD.

LINE 1200 S  
LINE 1600 S

# COMINCO LTD. GUMP GROUP NOVA OPTION KAMLOOPS M.D., B.C.

LINE NO. 2000 S  
LINE NO. 2400 S

**9953**  
**part 2**  
**of 2**



PLOTTING POINT  
n = 1, 2, 3 & 4

- CHARGEABILITY (IP) INTERPRETATION**
- ██████████ STRONG CHARGEABILITY HIGH
  - ▨▨▨▨▨▨ MODERATE CHARGEABILITY HIGH
  - ▤▤▤▤▤▤ WEAK CHARGEABILITY HIGH
  - ▧▧▧▧▧▧ IP HIGH AT FURTHER SEPERATIONS
- APPARENT RESISTIVITY INTERPRETATION**
- APPARENT RESISTIVITY LOW

SCALE 1: 6000 DATE SURVEYED OCTOBER 1981

CONTOUR INTERVALS

APP RES - 1, 1.5, 2, 3, 5, 7.5, 10 ohm metres APPROVED \_\_\_\_\_  
APP CHARG 1 M SEC

DATE \_\_\_\_\_

TRANSMITTER - HUNTEC 7.5 Kw UNIT  
RECEIVER - HUNTEC M-3

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY EAGLE GEOPHYSICS LTD.

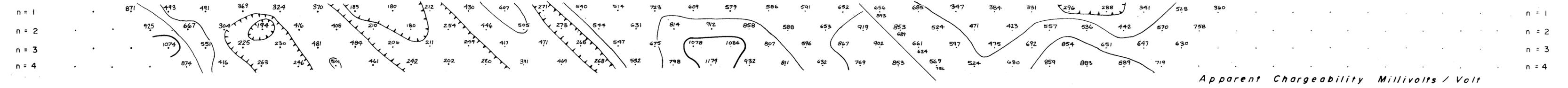
## LINE 2000S

CURRENT ELECTRODE EAST OF POTENTIAL DIPOLE      CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

Apparent Resistivity Ohm metres

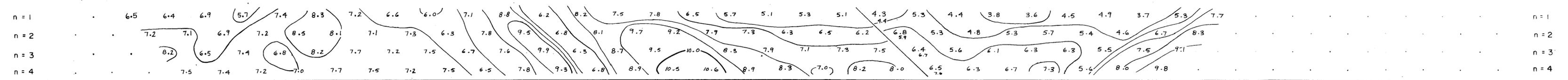
2000E ANTLER no.3 CLAIM BOUNDARY 2200E

1000W 800W 600W 400W 200W 0+00 200E 400E 600E 800E 1000E 1200E 1400E 1600E 1800E 2000E 2200E 2400E 2600E



Apparent Chargeability Millivolts / Volt

1000W 800W 600W 400W 200W 0+00 200E 400E 600E 800E 1000E 1200E 1400E 1600E 1800E 2000E 2200E 2400E 2600E



## LINE 2400S

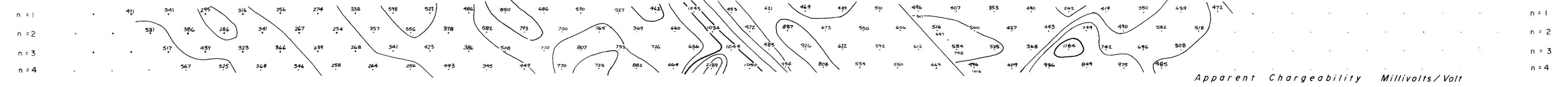
CURRENT ELECTRODE EAST OF POTENTIAL DIPOLE      CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

Apparent Resistivity Ohm metres

1150 E BILLY LAKE ROAD

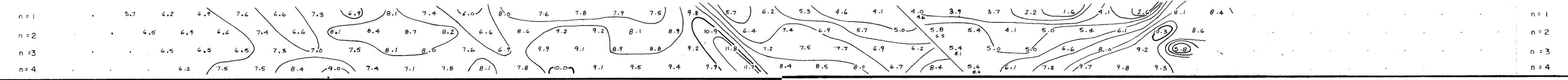
PARALLEL ROAD FROM 1850E to 2200E

1000W 800W 600W 400W 200W 0+00 TIE LINE 'C' 200E 400E 600E 800E 1000E 1200E 1400E 1600E 1800E 2000E 2200E 2400E 2600E



Apparent Chargeability Millivolts / Volt

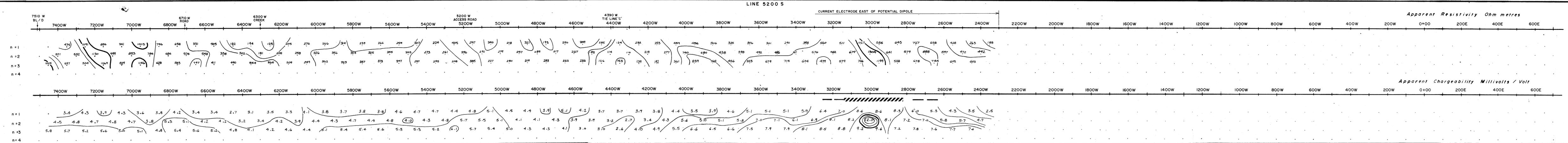
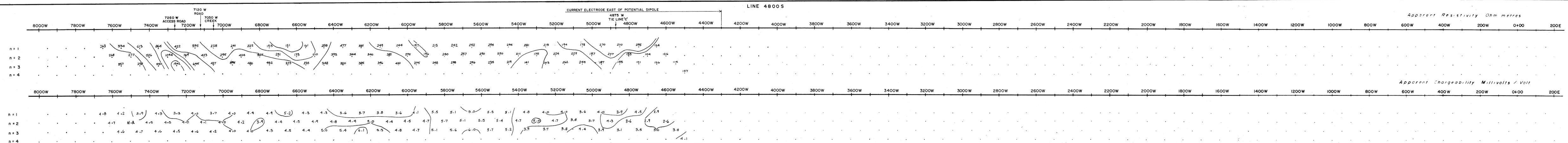
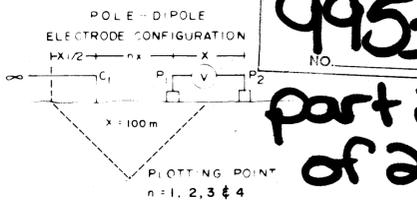
1000W 800W 600W 400W 200W 0+00 TIE LINE 'C' 200E 400E 600E 800E 1000E 1200E 1400E 1600E 1800E 2000E 2200E 2400E 2600E



LINE 2000S  
LINE 2400S

COMINCO LTD.  
GUMP GROUP  
NOVA OPTION  
KAMLOOPS MD., B.C.

LINE NO. 4800 S  
LINE NO. 5200 S



CHARGEABILITY (IP) INTERPRETATION

STRONG CHARGEABILITY HIGH

MODERATE CHARGEABILITY HIGH

WEAK CHARGEABILITY HIGH

IP HIGH AT FURTHER SEPARATION

APPARENT RESISTIVITY INTERPRETATION

APPARENT RESISTIVITY LOW

SCALE 1:6000 DATE SURVEYED OCTOBER 1981

CONTOUR INTERVALS:

APP RES 1:1.5, 2, 3, 5, 7.5, 10 Ohm metres APPROVED

APP CHARG - 1 M SEC

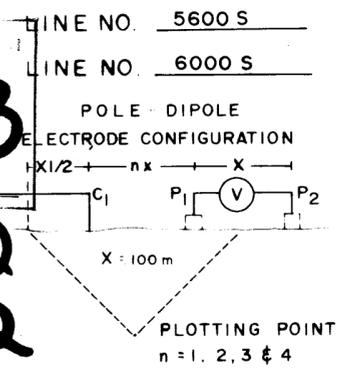
DATE

TRANSMITTER - HUNTEC 75 KW UNIT  
RECEIVER - HUNTEC M-3

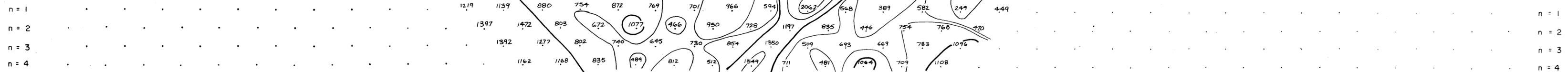
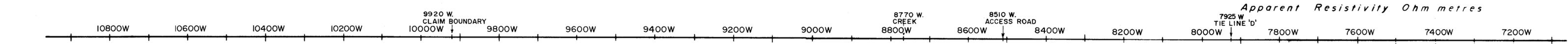
INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY EAGLE GEOPHYSICS LTD.

# COMINCO LTD. GUMP GROUP NOVA OPTION KAMLOOPS M.D., B.C.

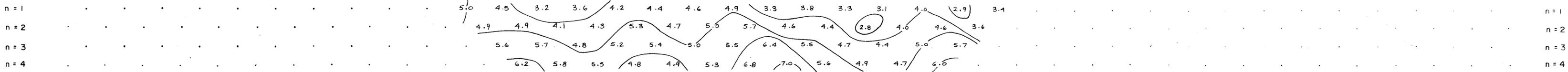
9953  
part 2  
of 2



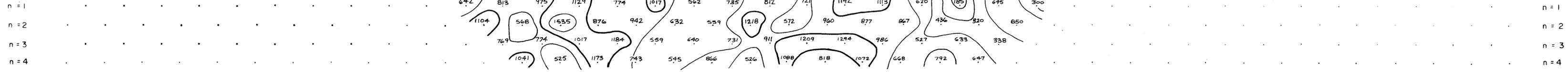
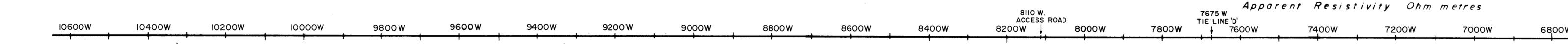
## LINE 5600 S



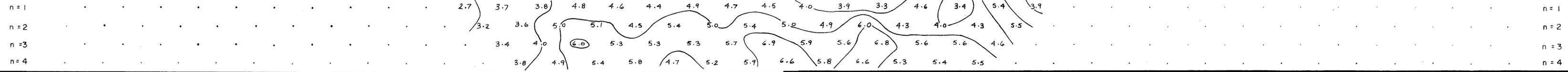
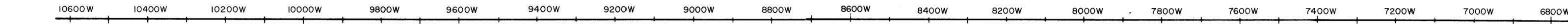
### Apparent Chargeability Millivolts / Volt



## LINE 6000 S



### Apparent Chargeability Millivolts / Volt



CURRENT ELECTRODE EAST OF POTENTIAL DIPOLE

**CHARGEABILITY (IP) INTERPRETATION**

- ██████████ STRONG CHARGEABILITY HIGH
- ▨▨▨▨▨▨ MODERATE CHARGEABILITY HIGH
- ▧▧▧▧▧▧ WEAK CHARGEABILITY HIGH
- ▩▩▩▩▩▩ IP HIGH AT FURTHER SEPERATIONS

**APPARENT RESISTIVITY INTERPRETATION**

- APPARENT RESISTIVITY LOW

SCALE 1:6000 DATE SURVEYED OCTOBER 1981

CONTOUR INTERVALS

APP RES - 1,1.5,2,3,5,7.5,10 ohm metres APPROVED \_\_\_\_\_

APP CHARG 1 M SEC

DATE \_\_\_\_\_

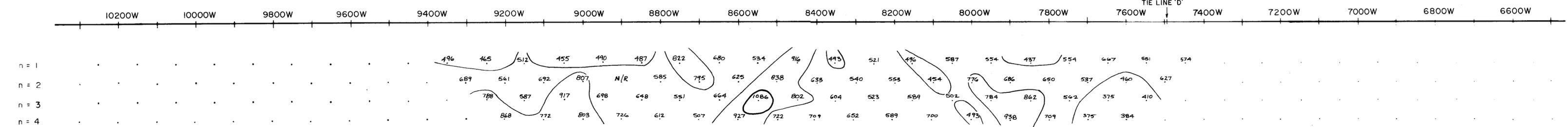
TRANSMITTER - HUNTEC 7.5 Kw UNIT  
RECEIVER - HUNTEC M-3

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY EAGLE GEOPHYSICS LTD.

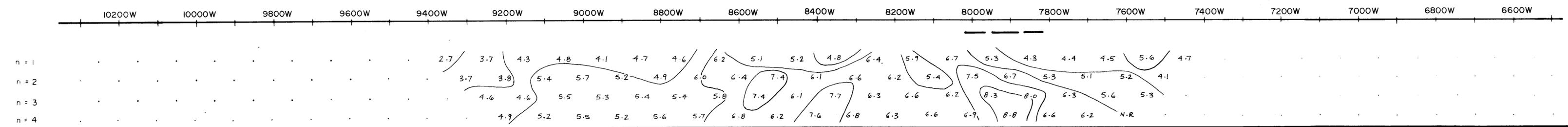
LINE 5600 S  
LINE 6000 S

LINE 6400S

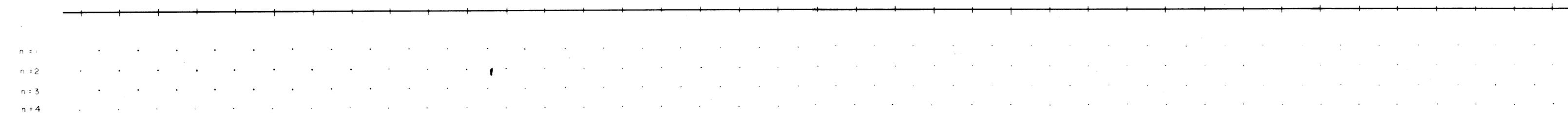
Apparent Resistivity Ohm metres



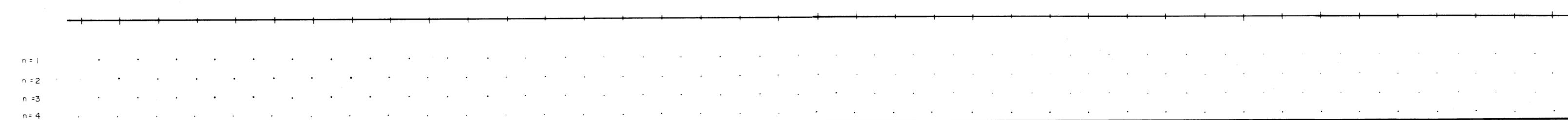
Apparent Chargeability Millivolts / Volt



Apparent Resistivity Ohm metres



Apparent Chargeability Millivolts / Volt



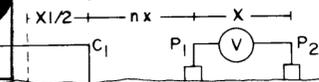
COMINCO LTD.  
GUMP GROUP  
NOVA OPTION  
KAMLOOPS M.D., B.C.

LINE NO 6400S

LINE NO

POLE DIPOLE

ELECTRODE CONFIGURATION



PLOTTING POINT  
n = 1, 2, 3 & 4

9953  
part 2  
of 2

CURRENT ELECTRODE EAST OF POTENTIAL DIPOLE

- CHARGEABILITY (IP) INTERPRETATION
- ██████████ STRONG CHARGEABILITY HIGH
  - ▣▣▣▣▣▣ MODERATE CHARGEABILITY HIGH
  - ▤▤▤▤▤▤ WEAK CHARGEABILITY HIGH
  - ▥▥▥▥▥▥ IP HIGH AT FURTHER SEPERATIONS
- APPARENT RESISTIVITY INTERPRETATION
- APPARENT RESISTIVITY LOW

SCALE 1:6000 DATE SURVEYED OCTOBER 1981

CONTOUR INTERVALS

APP RES - 1,1.5,2,3,5,7.5,10 ohmmetres APPROVED

APP CHARG 1 M SEC

DATE

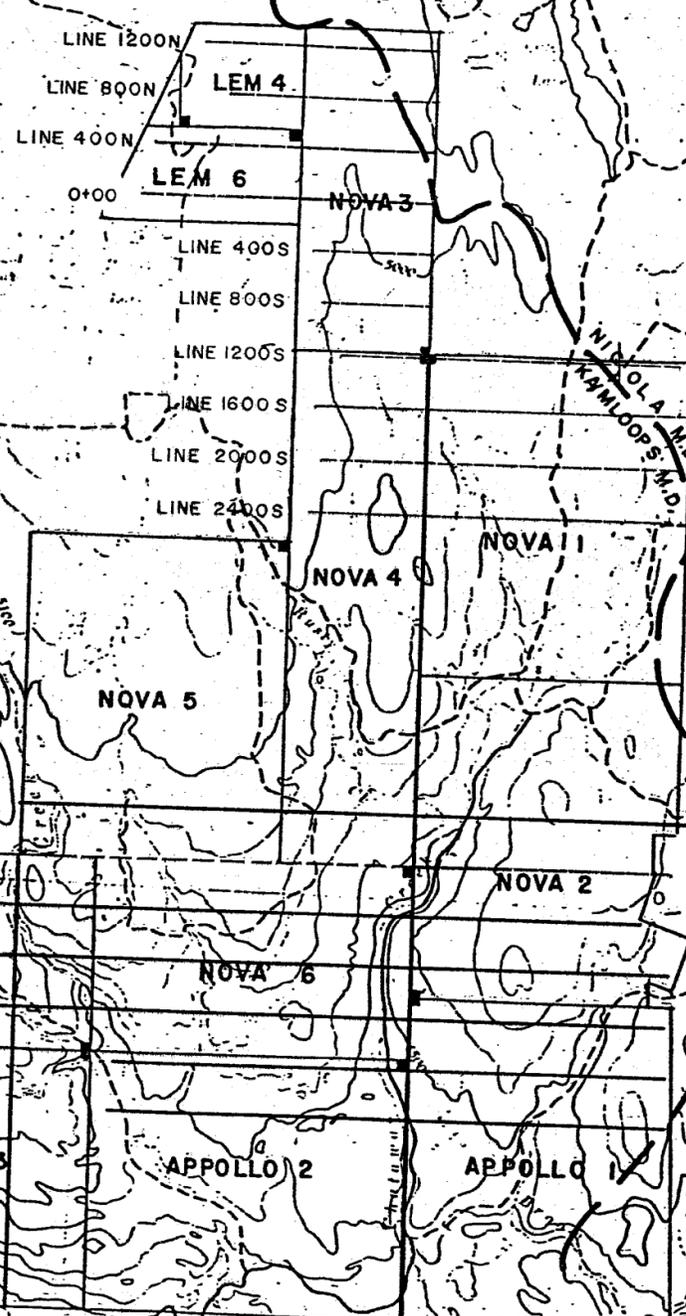
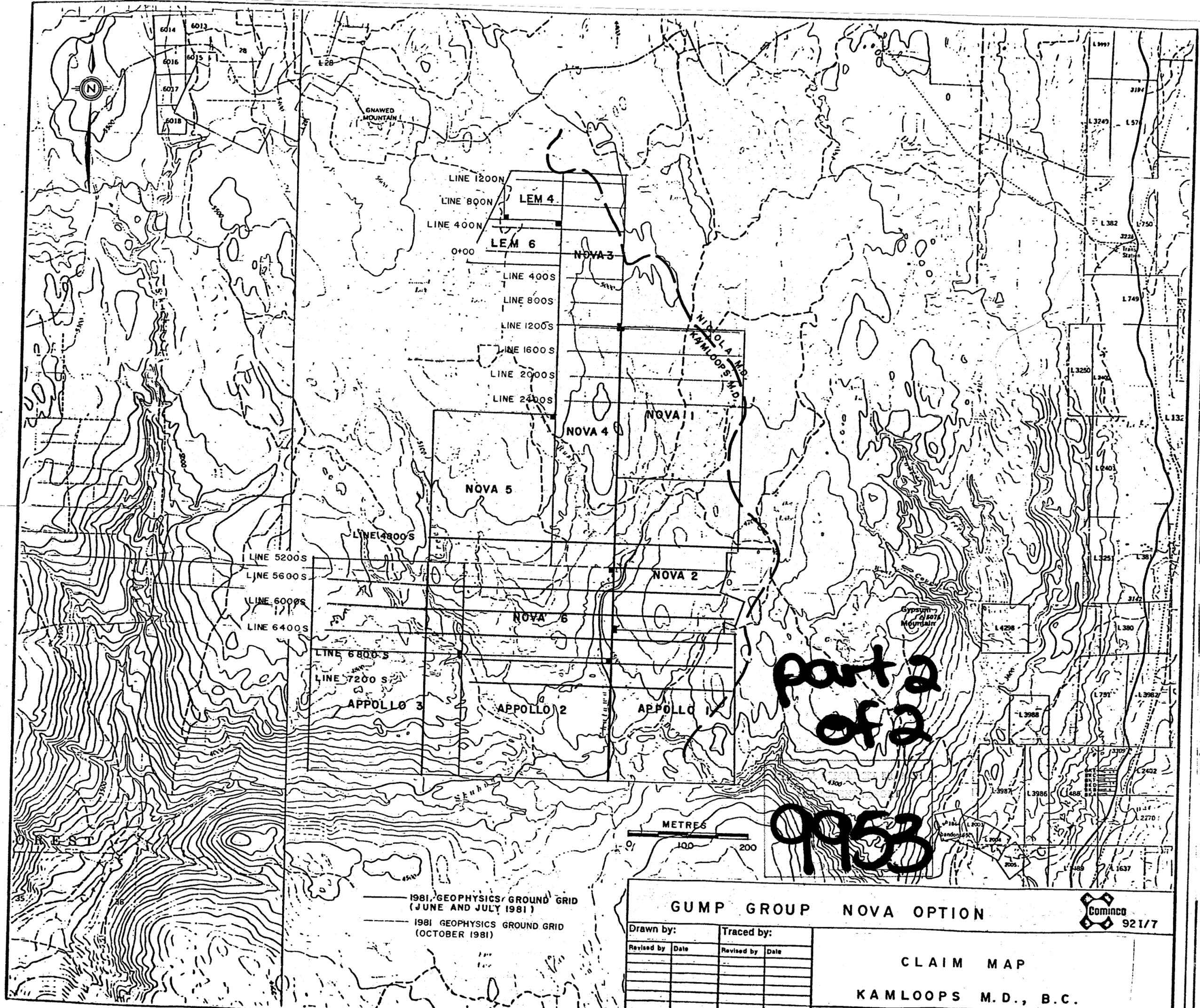
TRANSMITTER - HUNTEC 7.5 Kw UNIT

RECEIVER - HUNTEC M-3

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SURVEYED BY EAGLE GEOPHYSICS LTD.

LINE 6400S

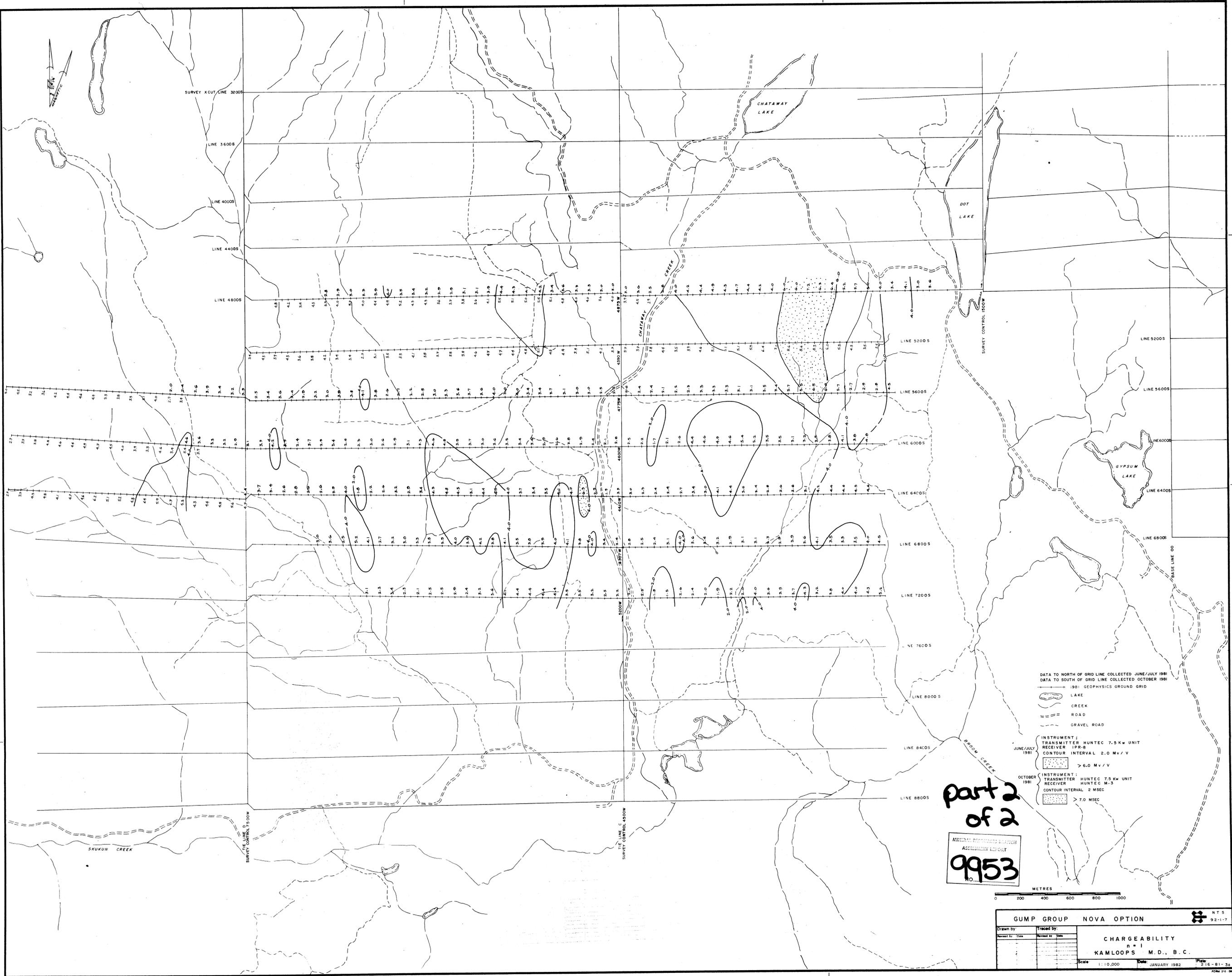


part 2  
of 2  
9953

— 1981 GEOPHYSICS GROUND GRID (JUNE AND JULY 1981)  
 - - - 1981 GEOPHYSICS GROUND GRID (OCTOBER 1981)



<b>GUMP GROUP NOVA OPTION</b>				 921/7
Drawn by:		Traced by:		
Revised by	Date	Revised by	Date	<b>CLAIM MAP</b>  <b>KAMLOOPS M.D., B.C.</b>
Scale: 1:50,000		Date: JAN 1982		Plate: 216-81-2c



DATA TO NORTH OF GRID LINE COLLECTED JUNE/JULY 1981  
 DATA TO SOUTH OF GRID LINE COLLECTED OCTOBER 1981  
 1981 GEOPHYSICS GROUND GRID

LAKE  
 CREEK  
 ROAD  
 GRAVEL ROAD

JUNE/JULY 1981  
 INSTRUMENT: TRANSMITTER HUNTEC 7.5 KW UNIT  
 RECEIVER IPR-8  
 CONTOUR INTERVAL 2.0 MV/V  
 > 6.0 MV/V

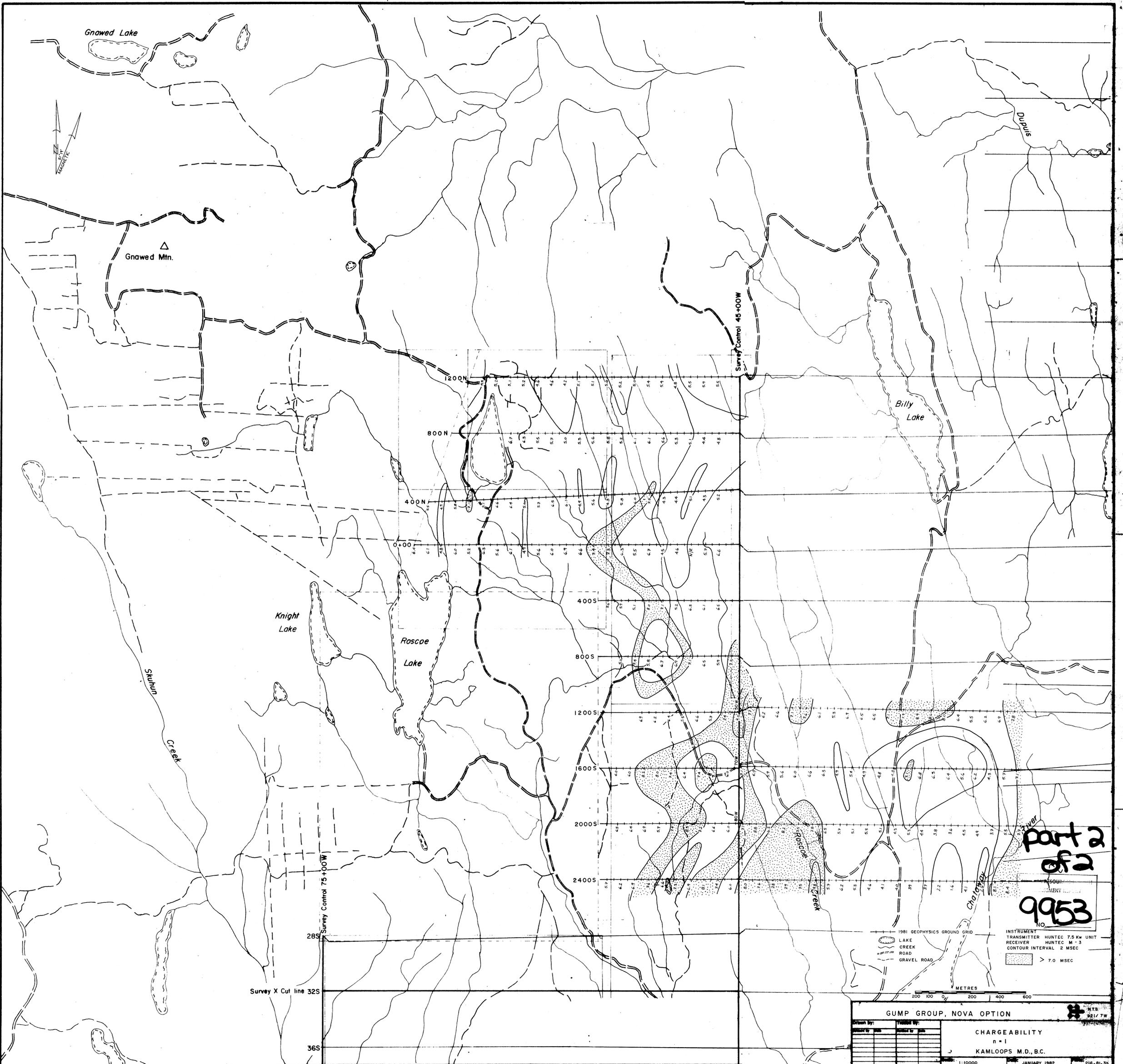
OCTOBER 1981  
 INSTRUMENT: TRANSMITTER HUNTEC 7.5 KW UNIT  
 RECEIVER HUNTEC M-3  
 CONTOUR INTERVAL 2 MSEC  
 > 7.0 MSEC

**part 2**  
**of 2**

MINERAL DEVELOPMENT BRANCH  
 ASSESSMENT REPORT  
**9953**



GUMP GROUP NOVA OPTION		NTS
Drawn by:	Traced by:	92-1-7
Checked by:	Checked by:	
CHARGEABILITY		
KAMLOOPS M.D., B.C.		
Scale: 1:10,000	Date: JANUARY 1982	File: 216-81-30



Dupuis

Gnowed Mtn.

Survey Control 45+00W

Billy Lake

Knight Lake

Roscoe Lake

Skulhup

Creek

Survey Control 75+00W

Survey X Cut line 32S

36S

part 2  
of 2

9953

- LAKE
- CREEK
- ROAD
- GRAVEL ROAD

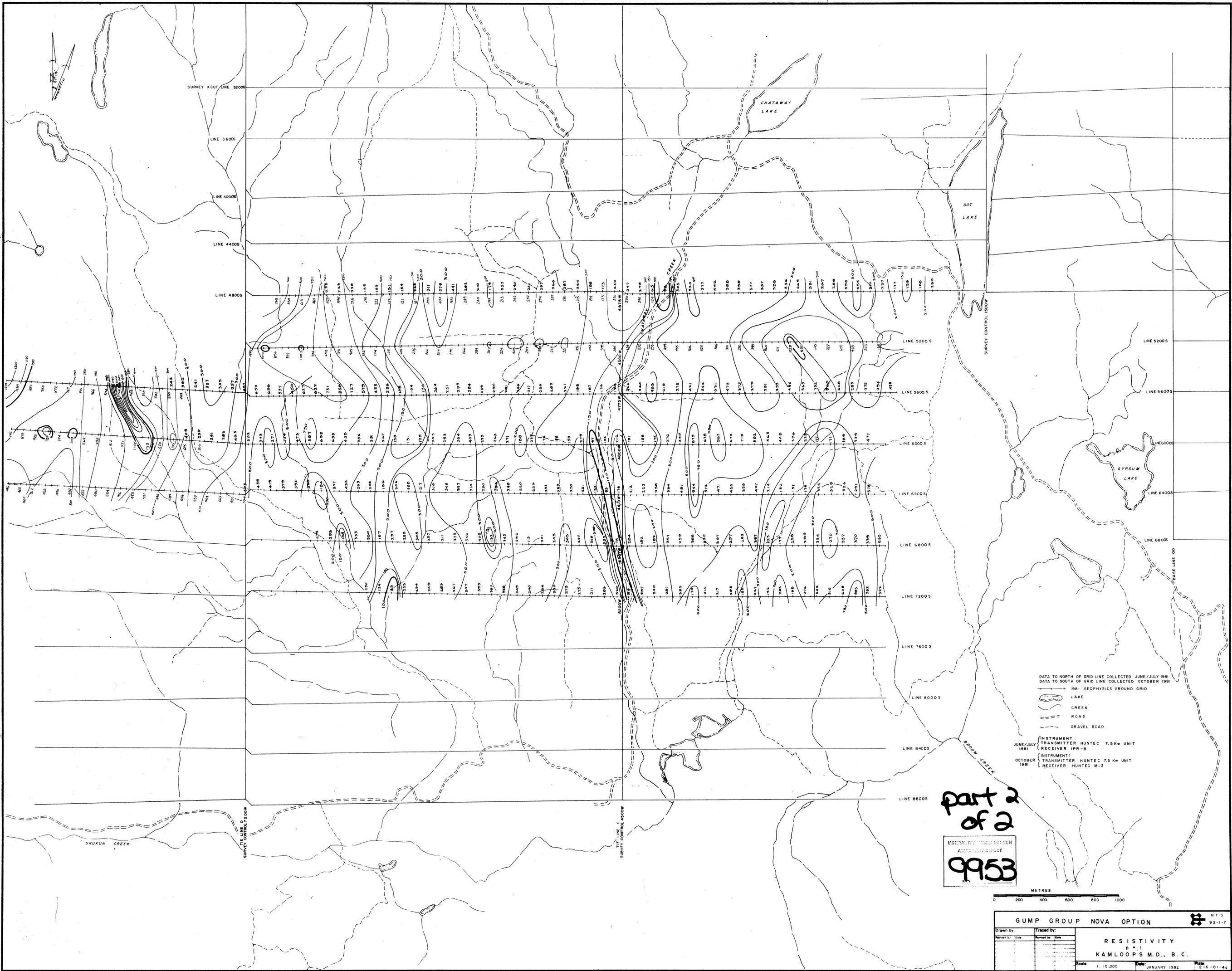
INSTRUMENT TRANSMITTER HUNTEC 7.5 Kw UNIT  
 RECEIVER HUNTEC M-3  
 CONTOUR INTERVAL 2 MSEC  
 > 7.0 MSEC

METRES

GUMP GROUP, NOVA OPTION

Drawn by:	Checked by:

CHARGEABILITY  
 n = 1  
 KAMLOOPS M.D., B.C.



DATA TO NORTH OF GRID LINE COLLECTED JUNE/JULY 1981  
 DATA TO SOUTH OF GRID LINE COLLECTED OCTOBER 1981  
 1981 GEOPHYSICS GROUND GRID  
 LAKE  
 CREEK  
 ROAD  
 GRAVEL ROAD

JUNE/JULY 1981 INSTRUMENT: TRANSMITTER HUNTEC 7.5 KW UNIT  
 RECEIVER IPR-B  
 OCTOBER 1981 INSTRUMENT: TRANSMITTER HUNTEC 7.5 KW UNIT  
 RECEIVER HUNTEC M-3

part 2  
 of 2  
 MINERAL RESOURCES BRANCH  
 ACCOUNTARY REPORT  
**9953**

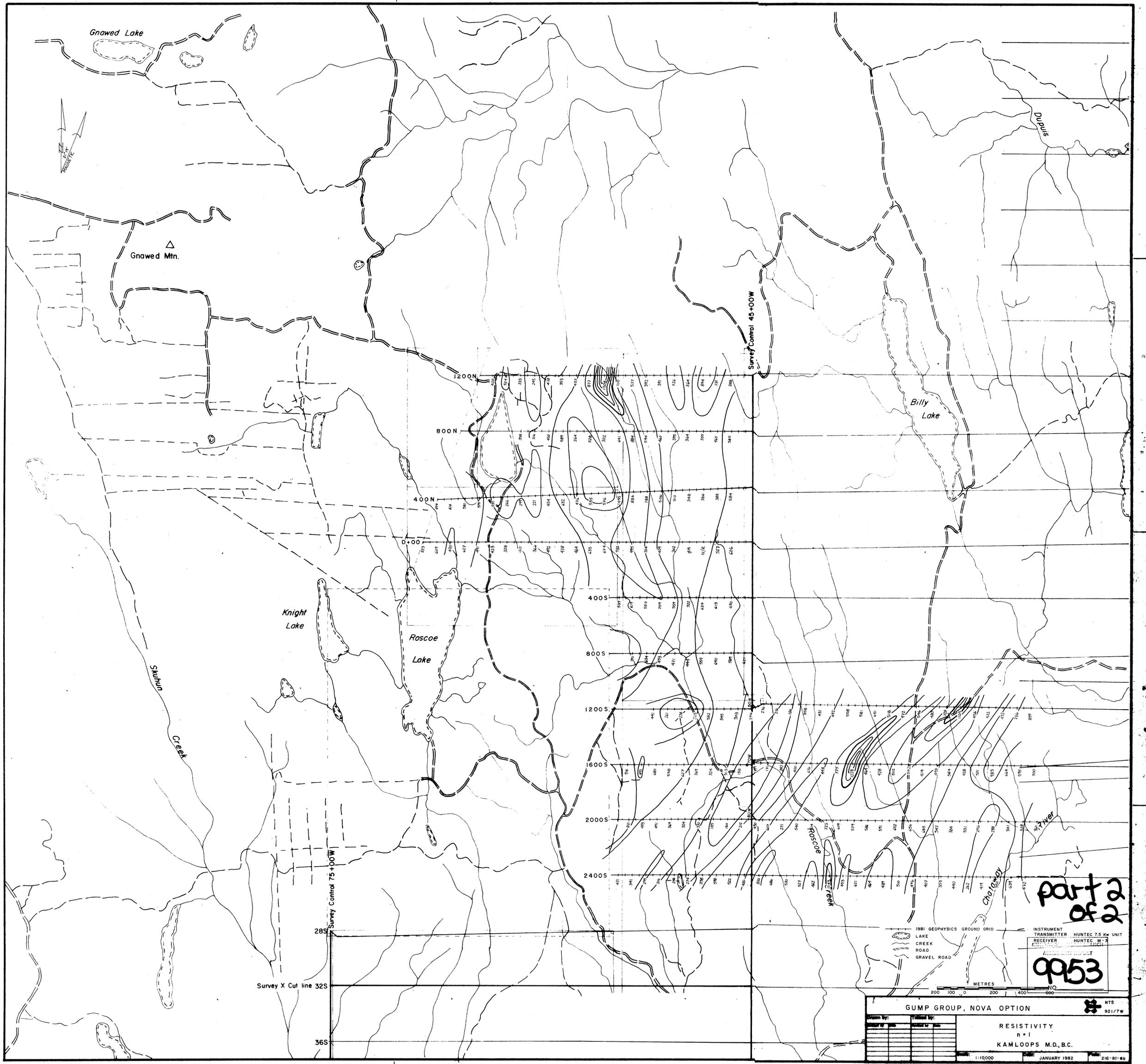


GUMP GROUP NOVA OPTION

Drawn by:	Traced by:
Checked by:	Reviewed by:
Date:	Date:

RESISTIVITY  
 n = 1  
 KAMLOOPS M.D., B.C.

Scale: 1:10,000 Date: JANUARY 1982 File: 216-81-4a



part 2  
of 2

9953

1981 GEOPHYSICS GROUND GRID  
LAKE  
CREEK  
ROAD  
GRAVEL ROAD

INSTRUMENT TRANSMITTER HUNTEC 7.5 KW UNIT  
RECEIVER HUNTEC 1000  
ACCUMULATOR HUNTEC 1000

NO. METRES  
200 100 0 200 400 600

GUMP GROUP, NOVA OPTION

Checked by:	Checked by:
Date:	Date:

RESISTIVITY  
n = 1  
KAMLOOPS M.D., B.C.

1:10000 JANUARY 1982 216-01-4b