

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. **2337** MAP

VOLUME III
REPORT ON
INDUCED POLARIZATION
AND RESISTIVITY SURVEY
OF THE
REXSPAR PROJECT
BIRCH ISLAND AREA, KAMLOOPS M.D. B.C.
FOR
DENISON MINES LIMITED
DWG. IP 5380-50 to IP 5380-81

BY

R. A. BELL, Ph.D.

DAVID K. FOUNTAIN, P.ENG.

NAME AND LOCATION OF PROPERTY:

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS MINING DIVISION, BRITISH COLUMBIA 51°N, 119°W SE

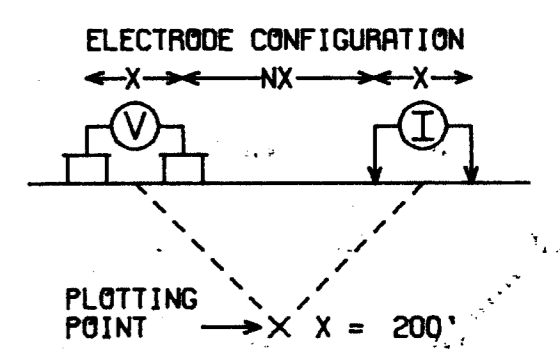
DATE STARTED: APRIL 27, 1969

DATE FINISHED: OCTOBER 22, 1969

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.O., B.C.

LINE NO. - 108N



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: AUG 1969

APPROVED:
DATE:

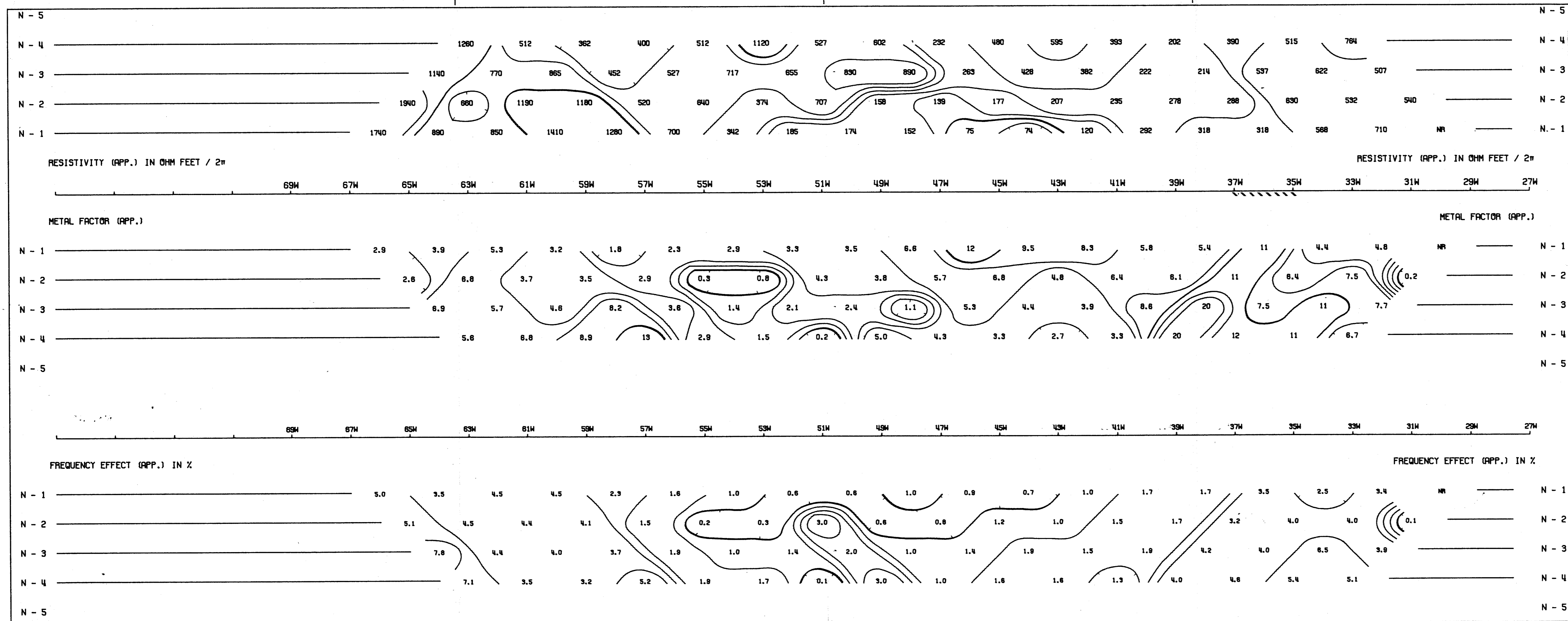
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

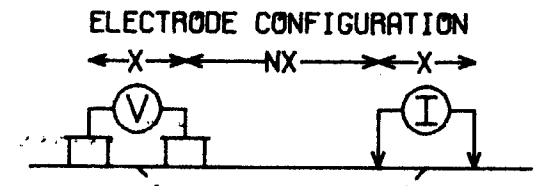
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.O., B.C.

LINE NO. - 102N



PLOTTING POINT X = 200'

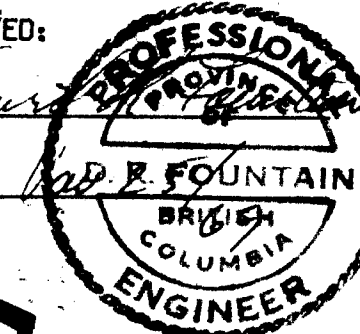
SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUL 1969

APPROVED:

DATE: 12/2/69

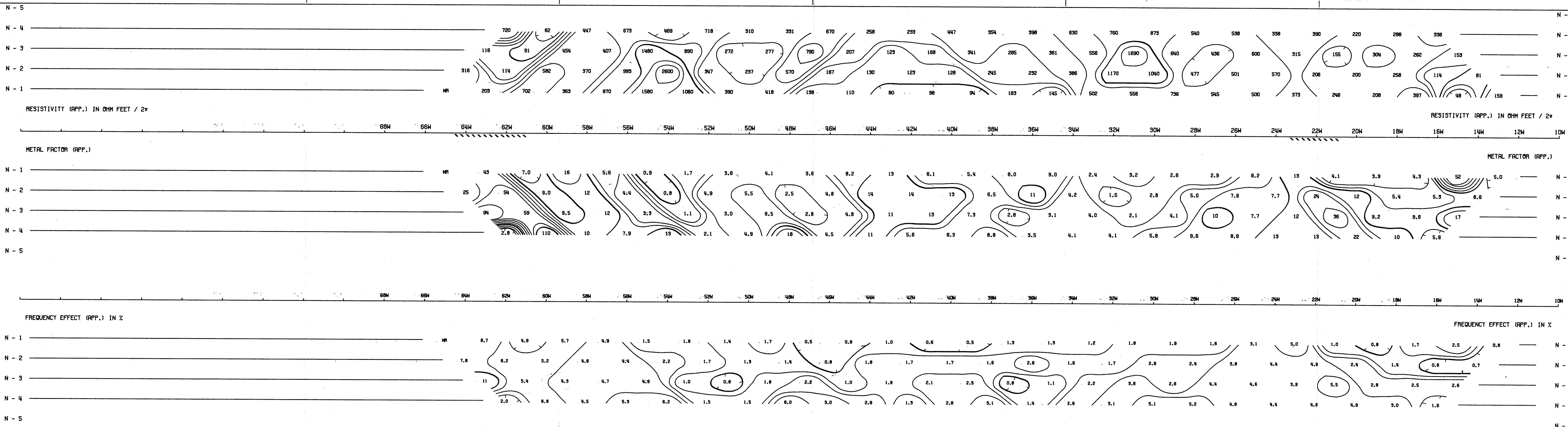


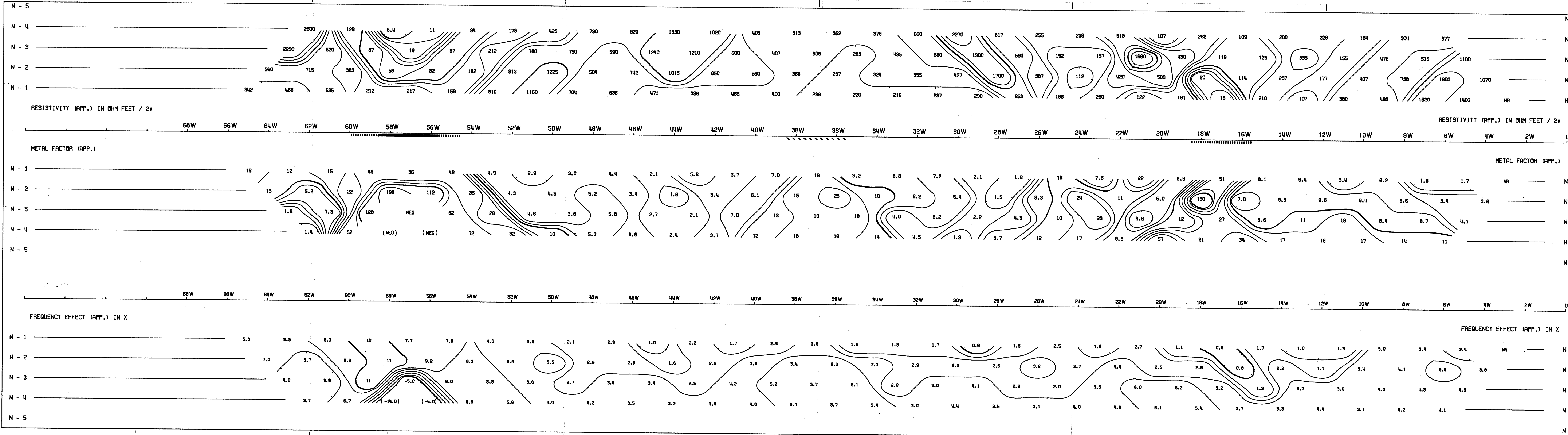
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



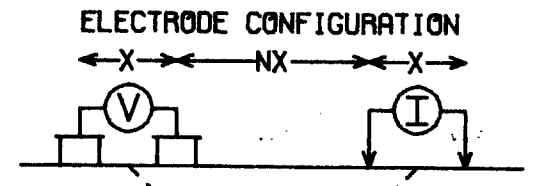


DWG. NO. - I.P.-5380-3

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 96N



PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
 DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUL 1969

APPROVED:

D. K. Fountain
 DATE: *Nov 10 1969*
PROFESSIONAL ENGINEER
 BRITISH COLUMBIA
 Expiry Date: April 25, 1970

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS

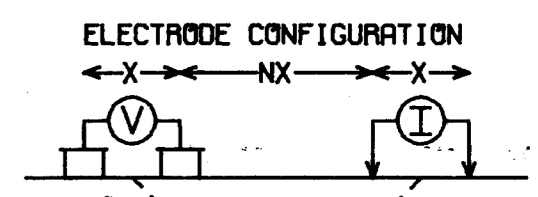
INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 93N



PLOTTING POINT - X = 200'

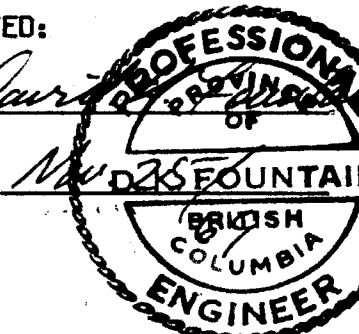
SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUL 1969

APPROVED:

DATE:

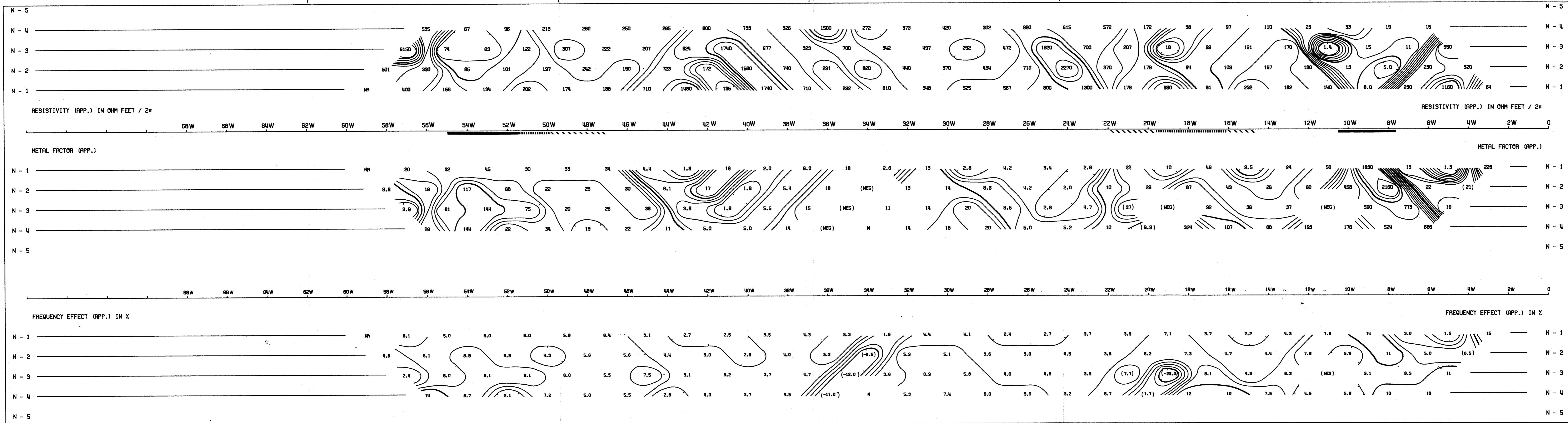


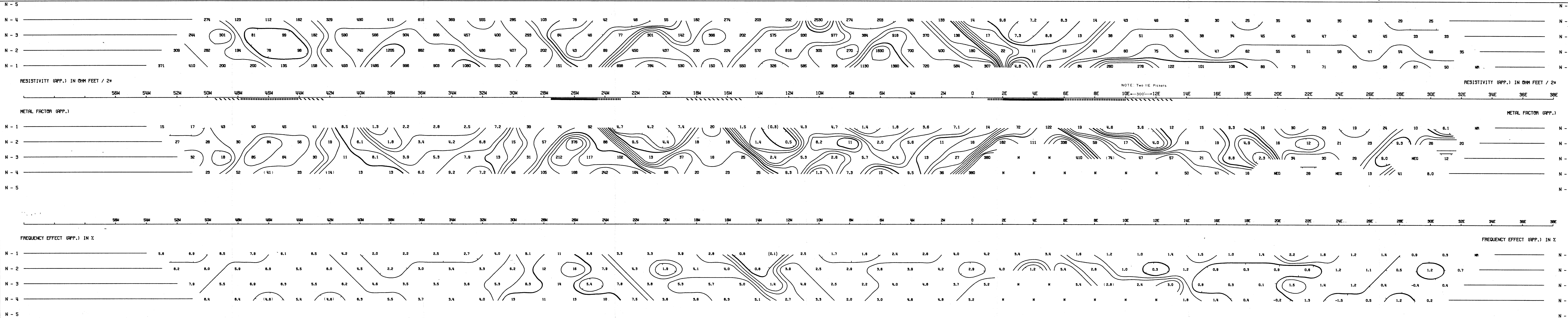
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

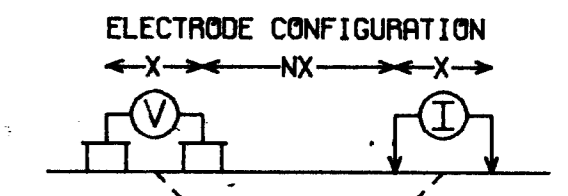




DWG. NO. - I.P. - 5380-5

DENISON MINES LIMITED
 REXSPAR PROJECT, BIRCH ISLAND AREA
 KAMLOOPS M.D., B.C.

LINE NO. - 30N

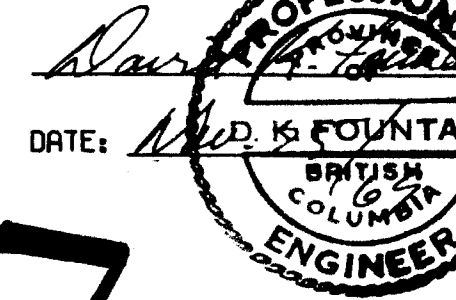


PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
 DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: MAY 1969

APPROVED:



NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

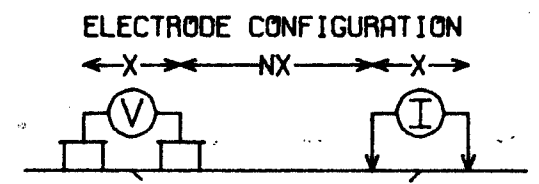
2337
McPHAR GEOPHYSICS
 INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 87N



PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES

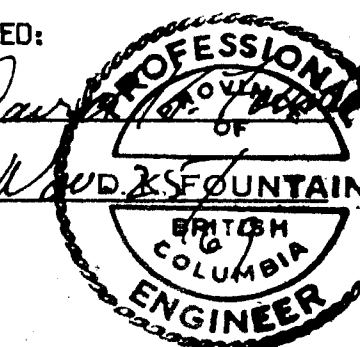
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS

DATE SURVEYED: MAY 1969

APPROVED:

DATE:



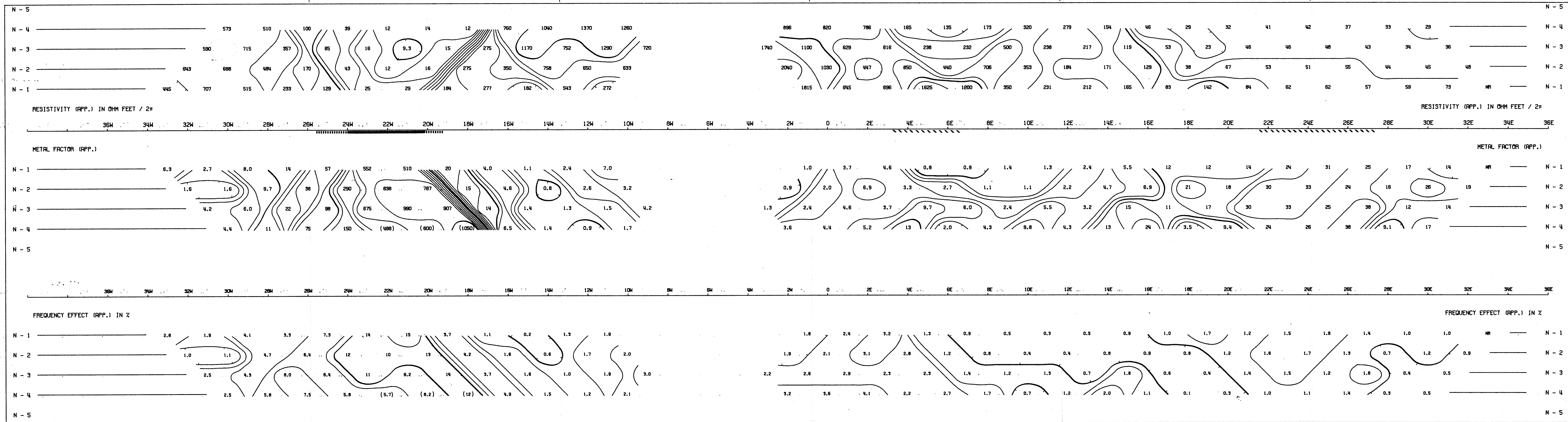
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, -1.5, -2, -3, -5, -7.5, -10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

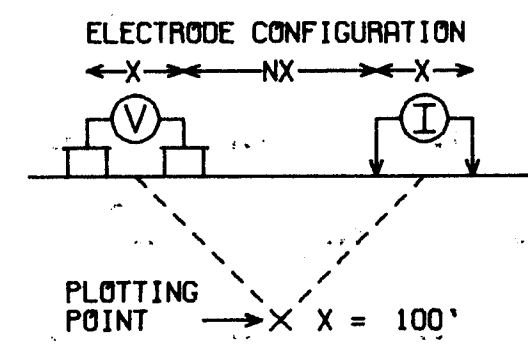
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 87N



SURFACE PROJECTION OF ANOMALOUS ZONES
 DEFINITE
 PROBABLE
 POSSIBLE

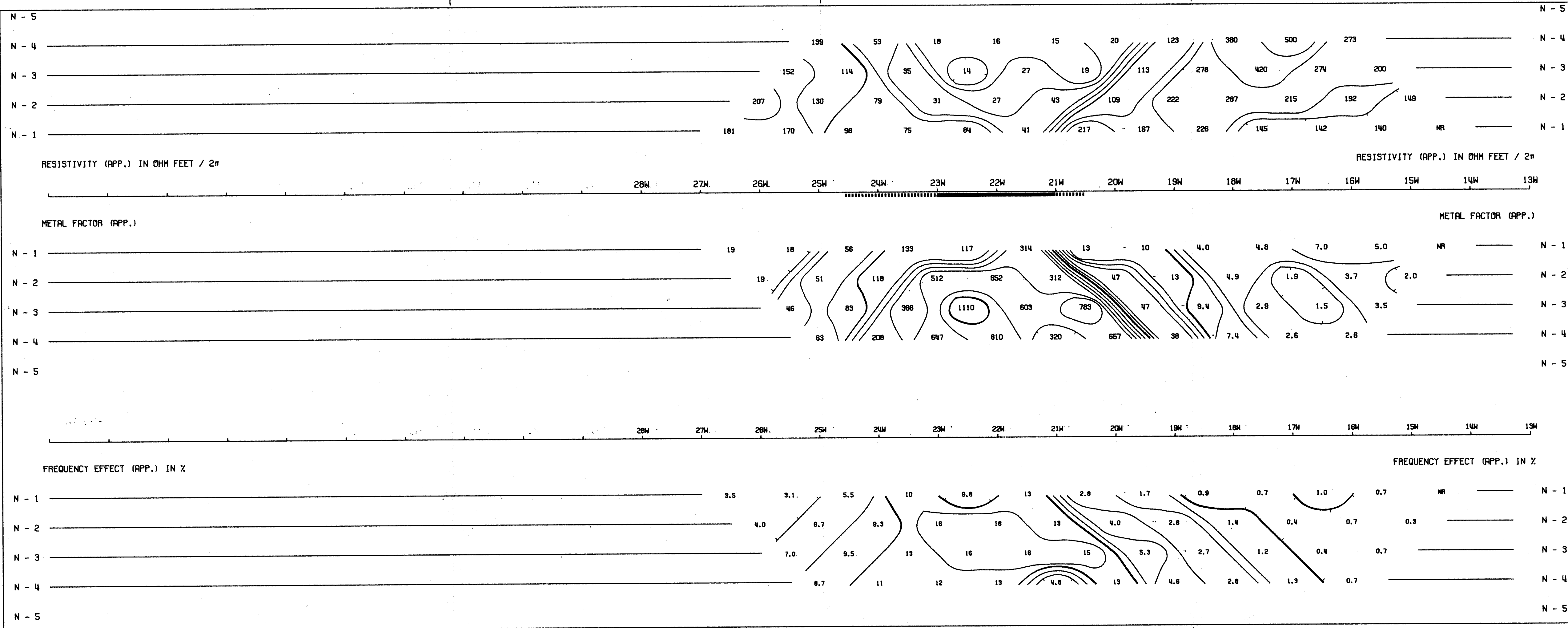
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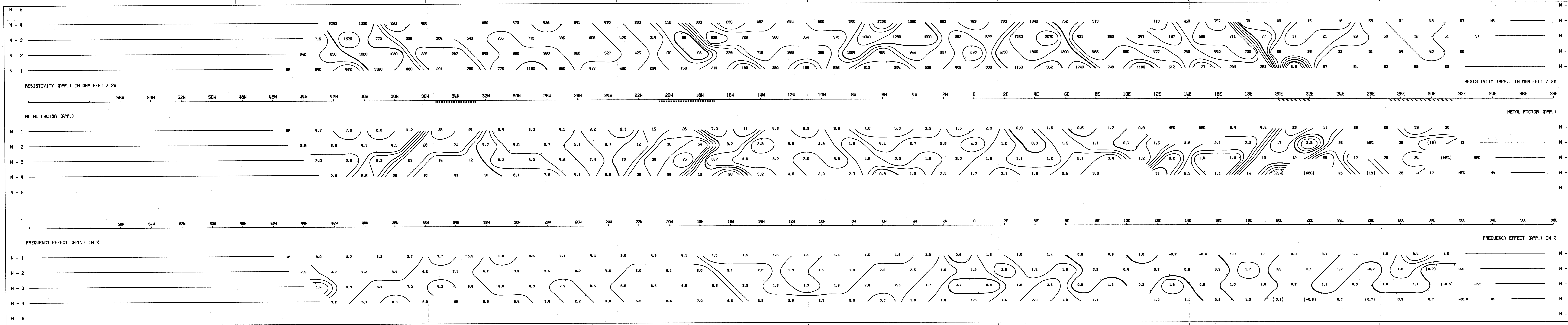
APPROVED:
 DATE:
2337
 McPHAR GEOPHYSICS
 BRITISH COLUMBIA ENGINEER
 Expiry Date: April 25, 1979

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



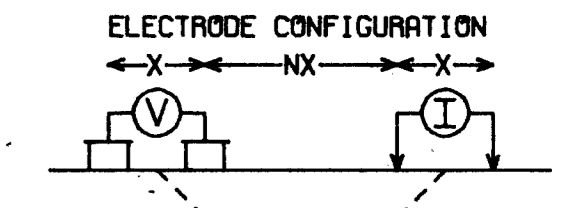


DWG. NO. - I.P. - 5380-8

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.O., B.C.

LINE NO. - 84N



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE **—————**
PROBABLE **|||||**
POSSIBLE **////**

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: MAY 1969

APPROVED: *[Signature]*

DATE: *[Signature]* **PROFESSIONAL ENGINEER**
COLUMBIA

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

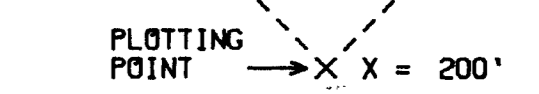
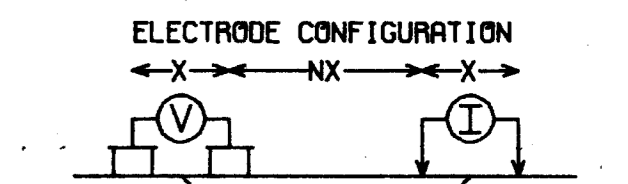
2337
McPHAR GEOPHYSICS
INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH-ISLAND AREA
KAMLOOPS M.O., B.C.

LINE NO. - 81N

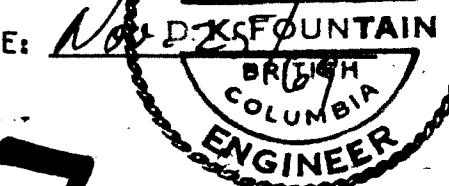


SURFACE PROJECTION
OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: MAY 1969

APPROVED:

DATE:



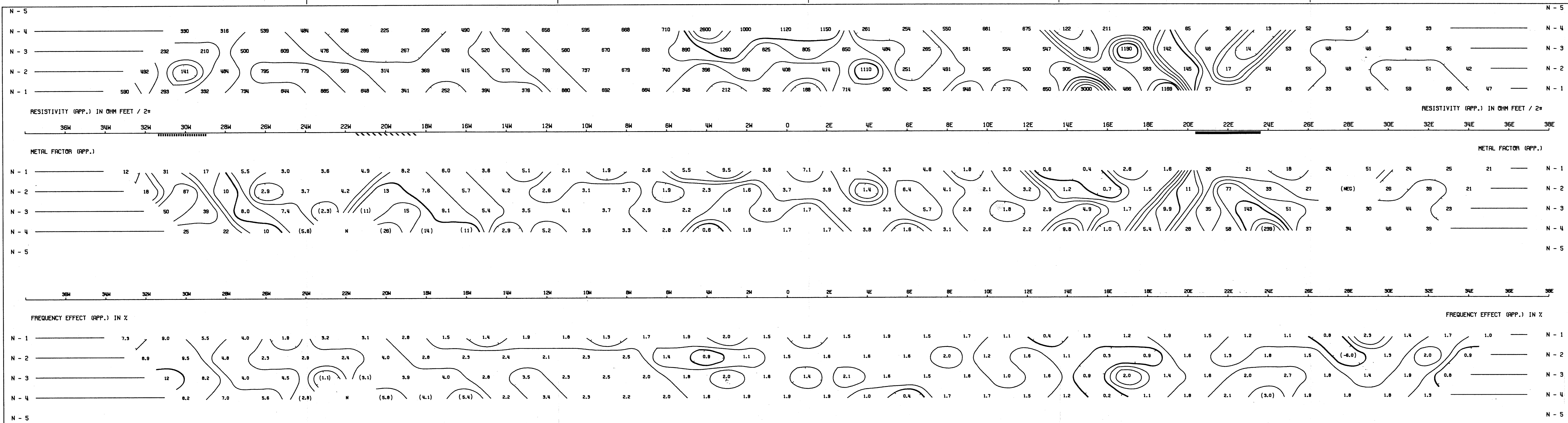
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

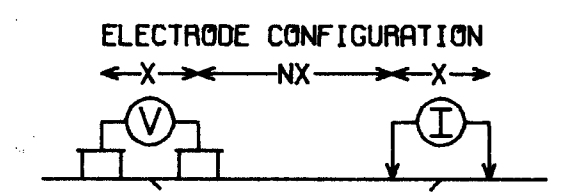
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 380/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 78N



PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: MAY 1969

APPROVED:

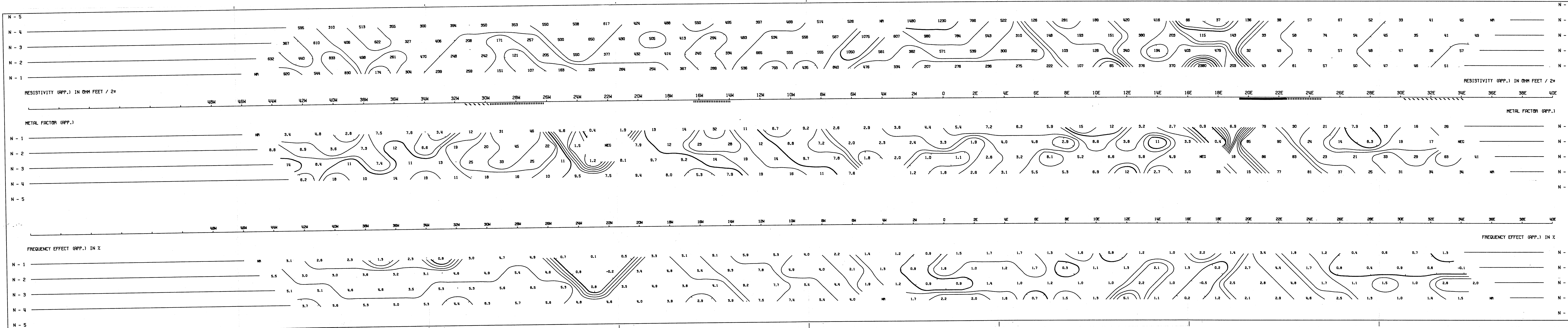
D. K. FOUNTAIN
PROFESSIONAL ENGINEER
COLUMBIA
EXPIRY DATE: APRIL 25, 1970

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS
INDUCED POLARIZATION AND RESISTIVITY SURVEY

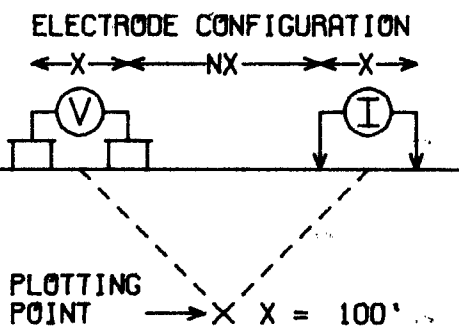
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 78N



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS

DATE SURVEYED: AUG 1969

APPROVED:
DATE:
PROFESSIONAL ENGINEER
D. K. FOUNTAIN
BRITISH COLUMBIA
Expiry Date:

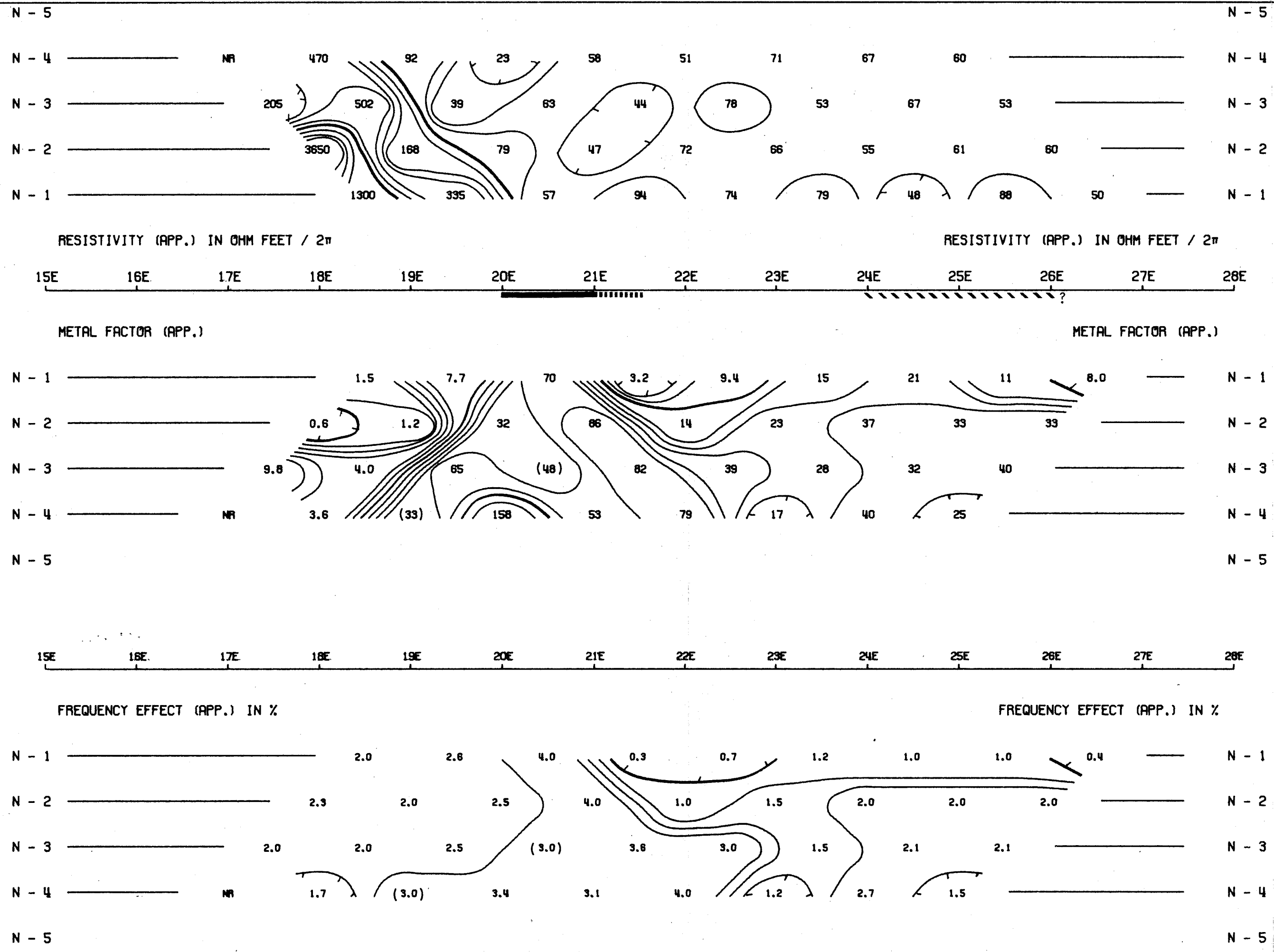
NOTE: CONTOURS AT LOGARITHMIC INTERVALS
1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

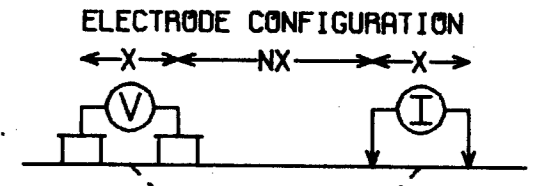
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 75N



PLOTTING POINT X = 200'

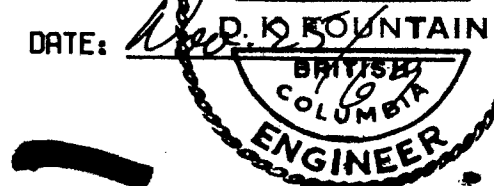
SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: MAY 1969

APPROVED:

DATE:



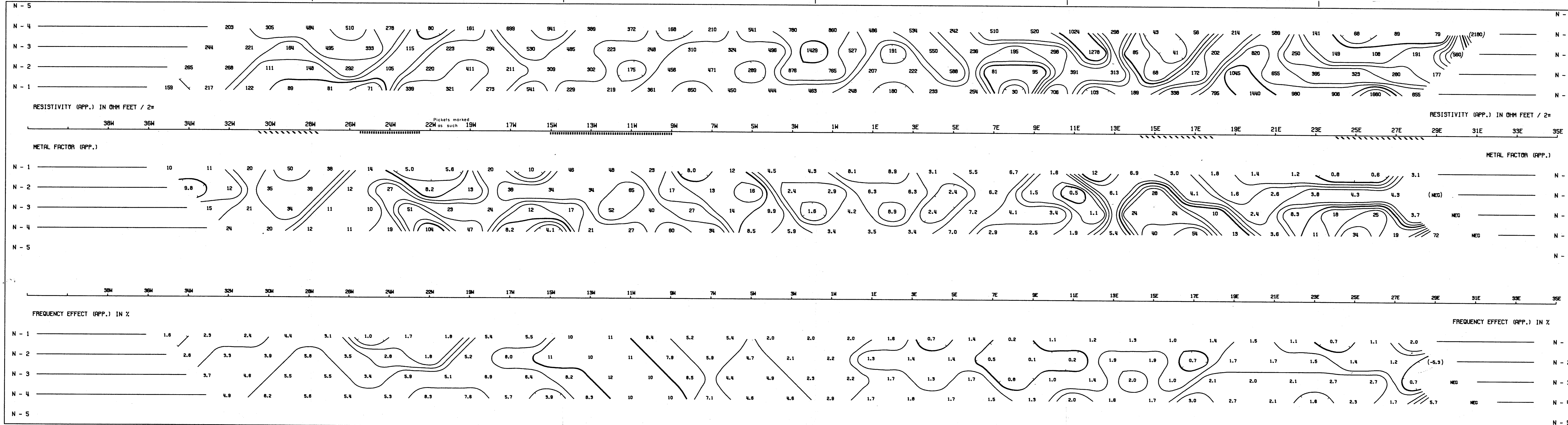
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

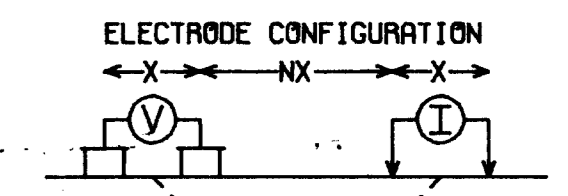
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 72N



PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CFS DATE SURVEYED: MAY 1969

APPROVED:

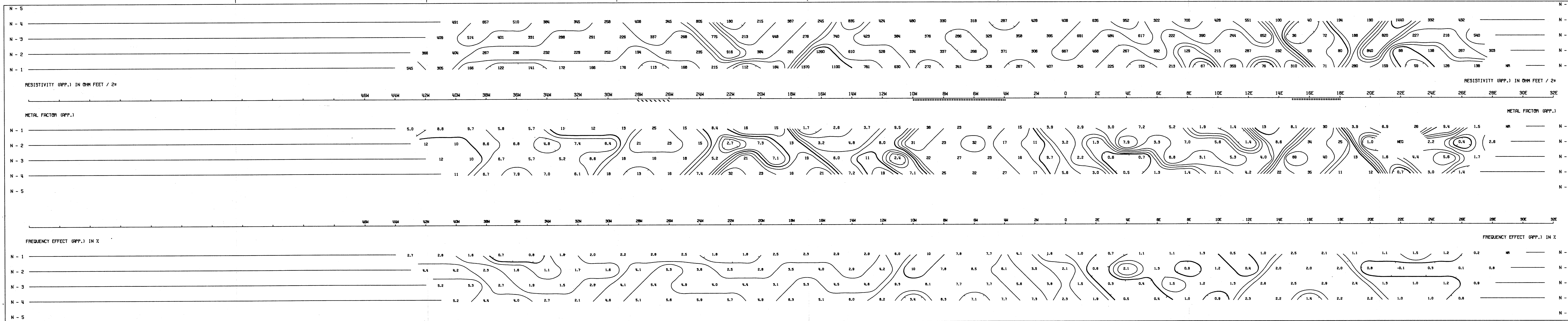
DATE:

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS
COLUMBIA ENGINEER
Exp. Date: April 25, 1970

INDUCED POLARIZATION AND RESISTIVITY SURVEY

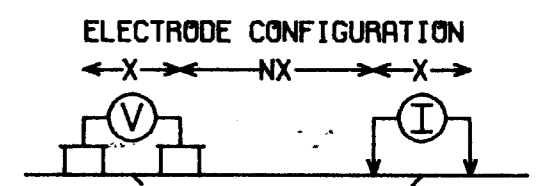
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 69N



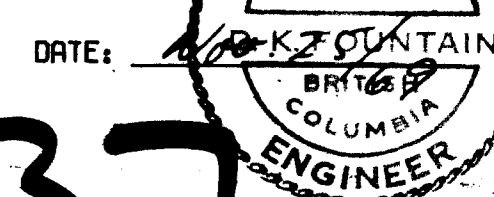
PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE ———
PROBABLE - - - - -
POSSIBLE / / / / /

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: MAY 1969

APPROVED: *Dair*

DATE: *10/1/70*

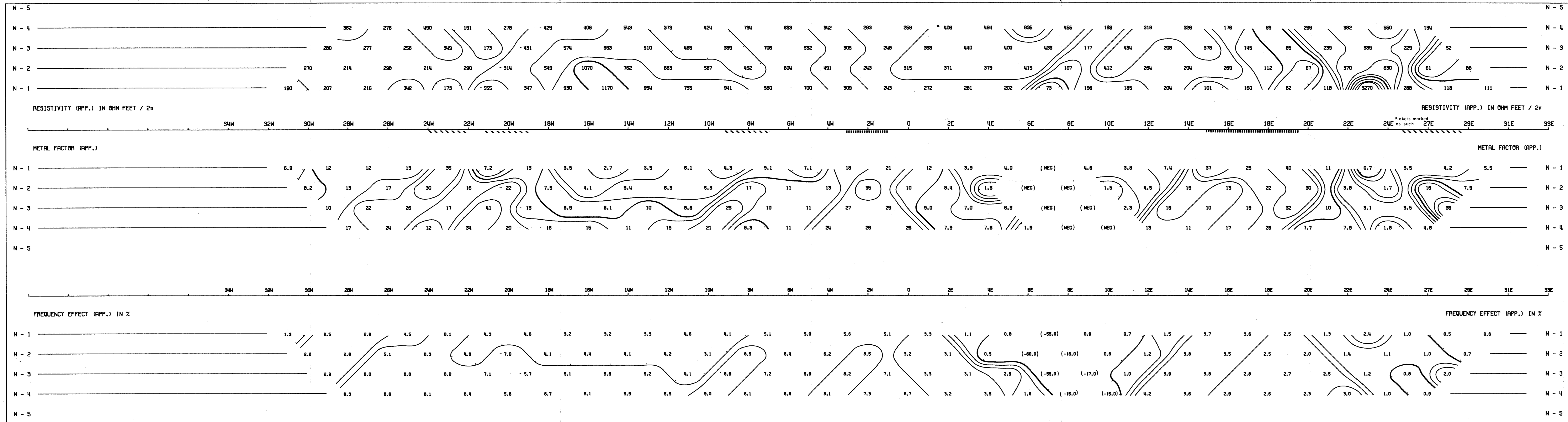


NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

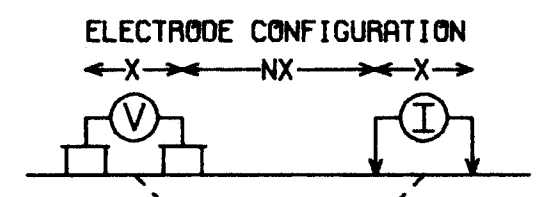
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 66N



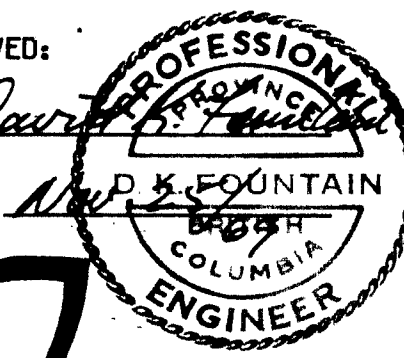
PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: MAY 1969

APPROVED:

DATE:



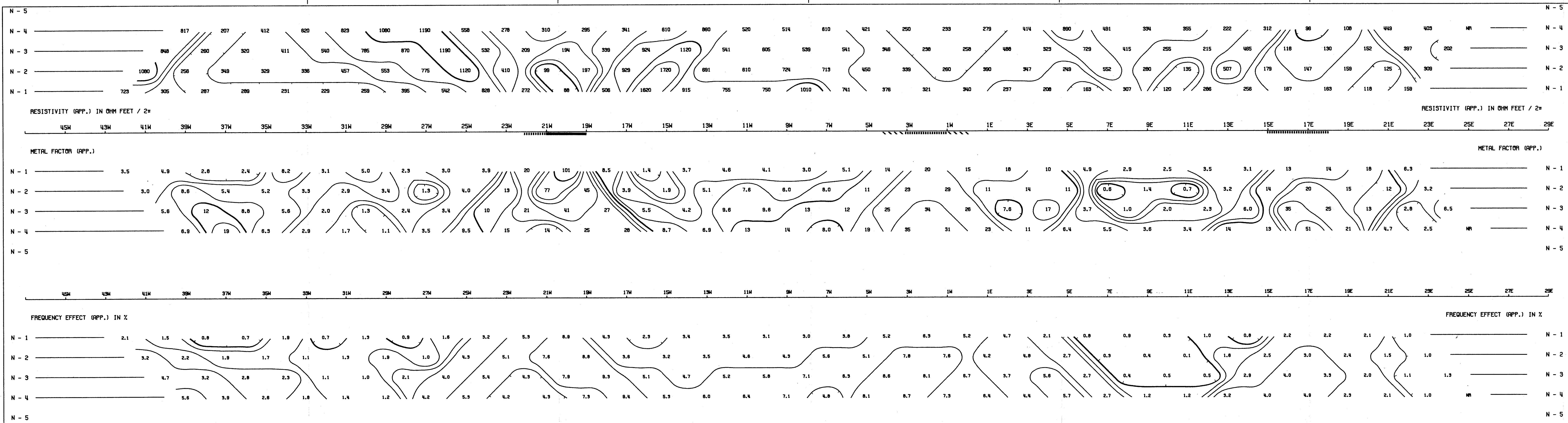
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

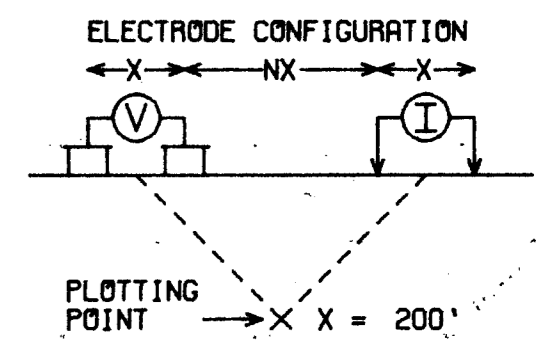
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 63N



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

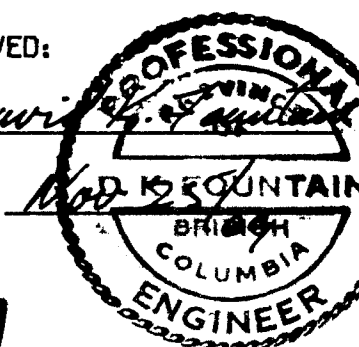
PROBABLE

POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: MAY 1969

APPROVED: *Dave [Signature]*

DATE: *May 15 1969*

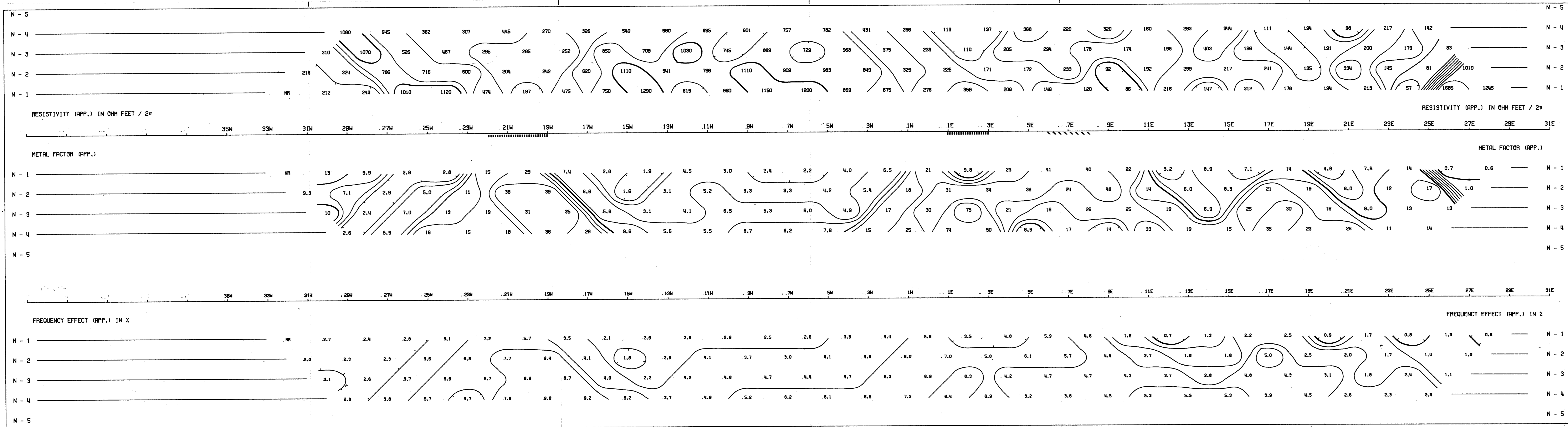


NOTE: CONTOURS AT LOGARITHMIC INTERVALS
1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

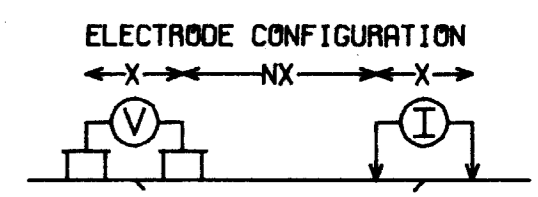
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 60N



PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: MAY 1969

APPROVED:

D.K. FOUNTAIN
PROFESSIONAL ENGINEER

DATE: Nov 25 1969

Expiry Date: April 25, 1970

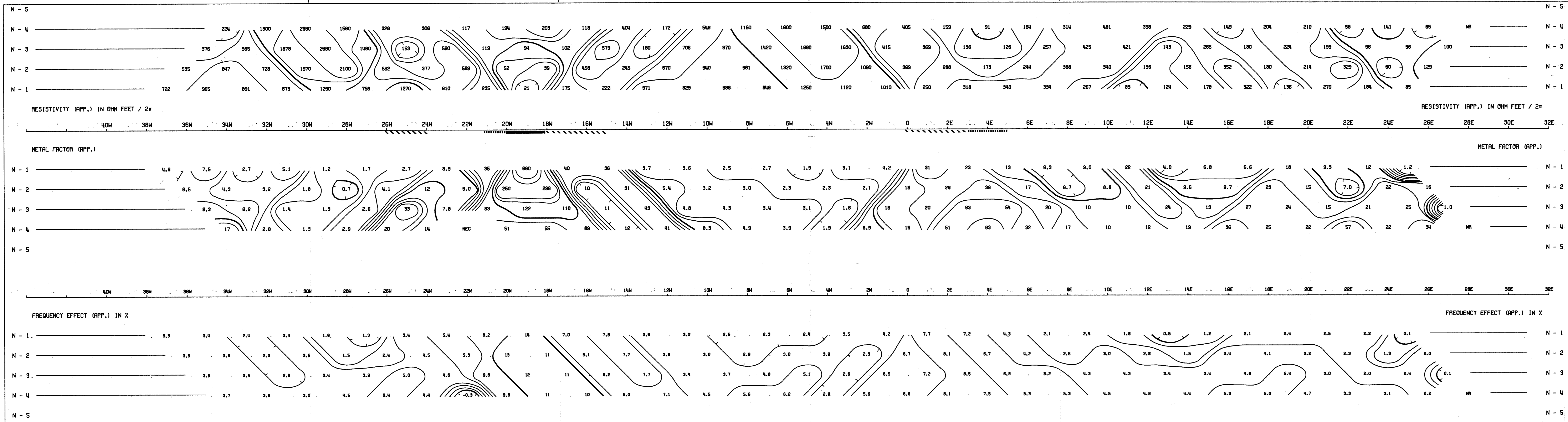
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

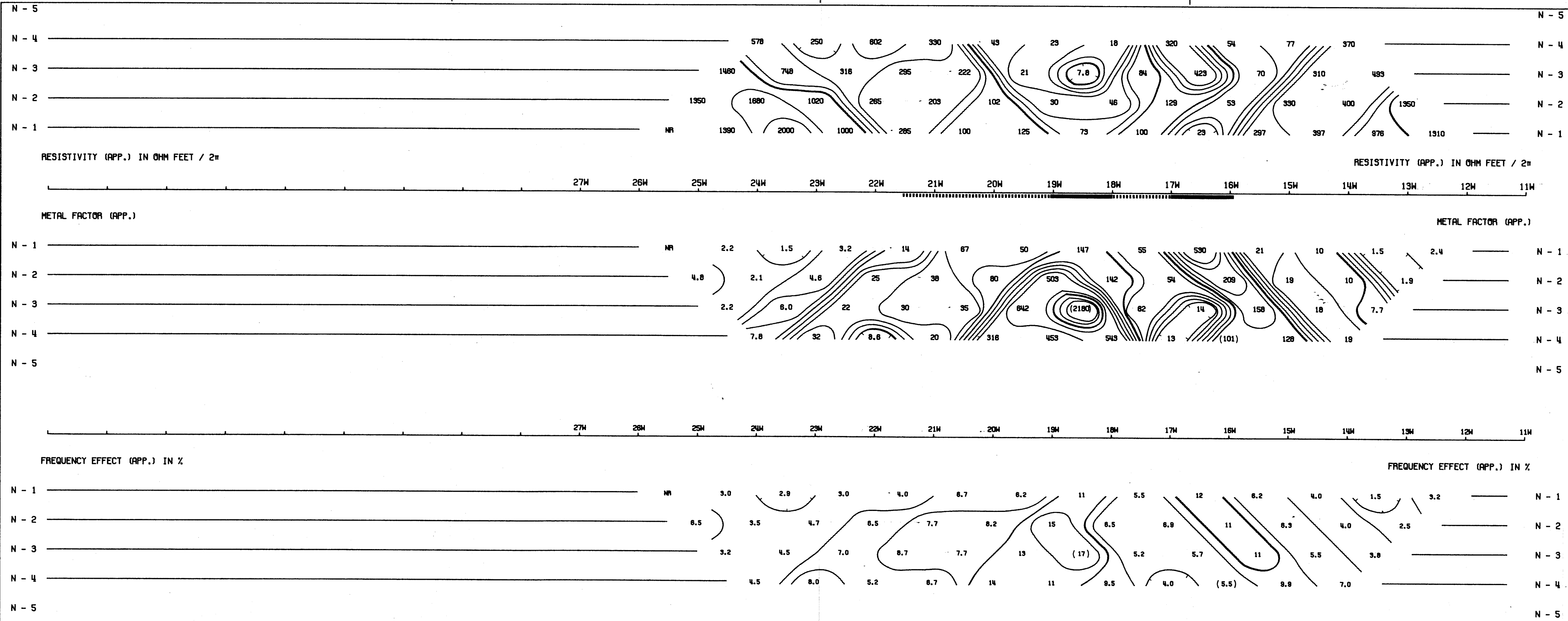
2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER





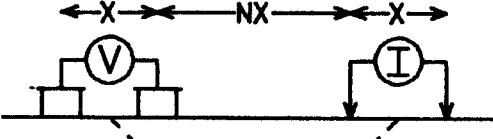
DWG. NO. - I.P. - 5380-18

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.O., B.C.

LINE NO. - 60N

ELECTRODE CONFIGURATION



PLOTTING POINT X = 100'

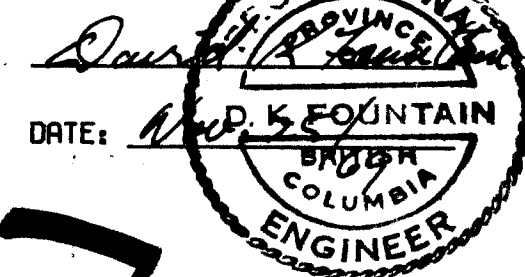
SURFACE PROJECTION OF ANOMALOUS ZONES

- DEFINITE
- PROBABLE
- POSSIBLE

FREQUENCIES: 0.31-5.0 CPS

DATE SURVEYED: AUG 1969

APPROVED:



NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

DATE: Nov 25 1969

2337

McPHAR GEOPHYSICS

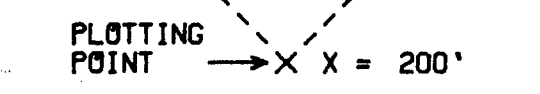
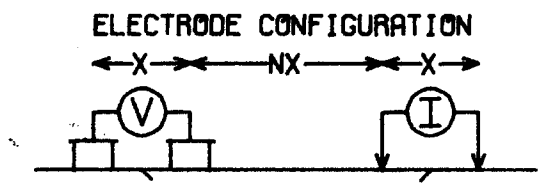
INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

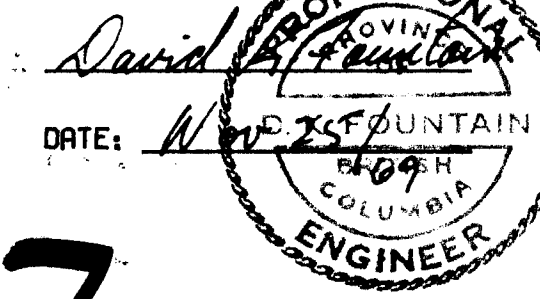
LINE NO. - 57N



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE **————**
PROBABLE **|||||**
POSSIBLE **////**

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUN 1969

APPROVED: *David McPhar*



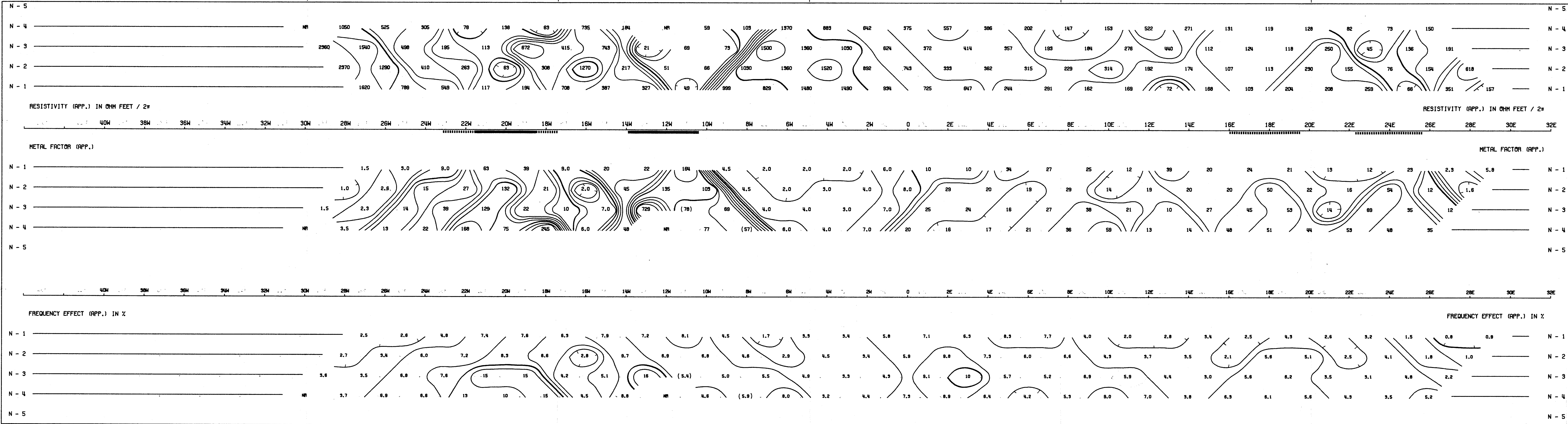
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

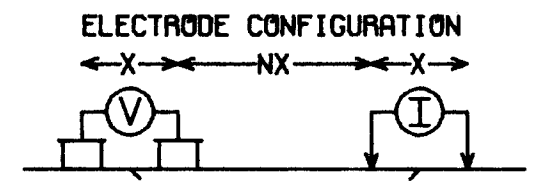
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 54N



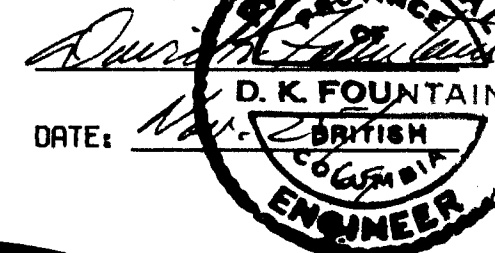
PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS

DATE SURVEYED: JUN 1969

APPROVED:



DATE:

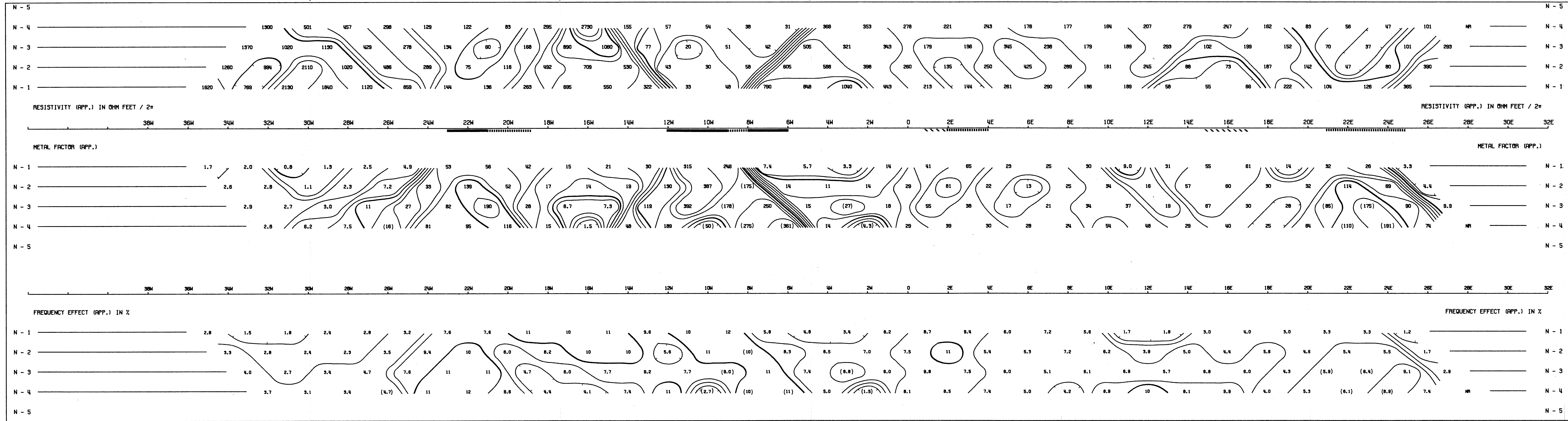
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

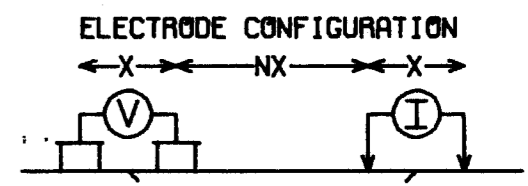
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A RALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO.- 54N



PLOTTING POINT → X X = 100'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: AUG 1969

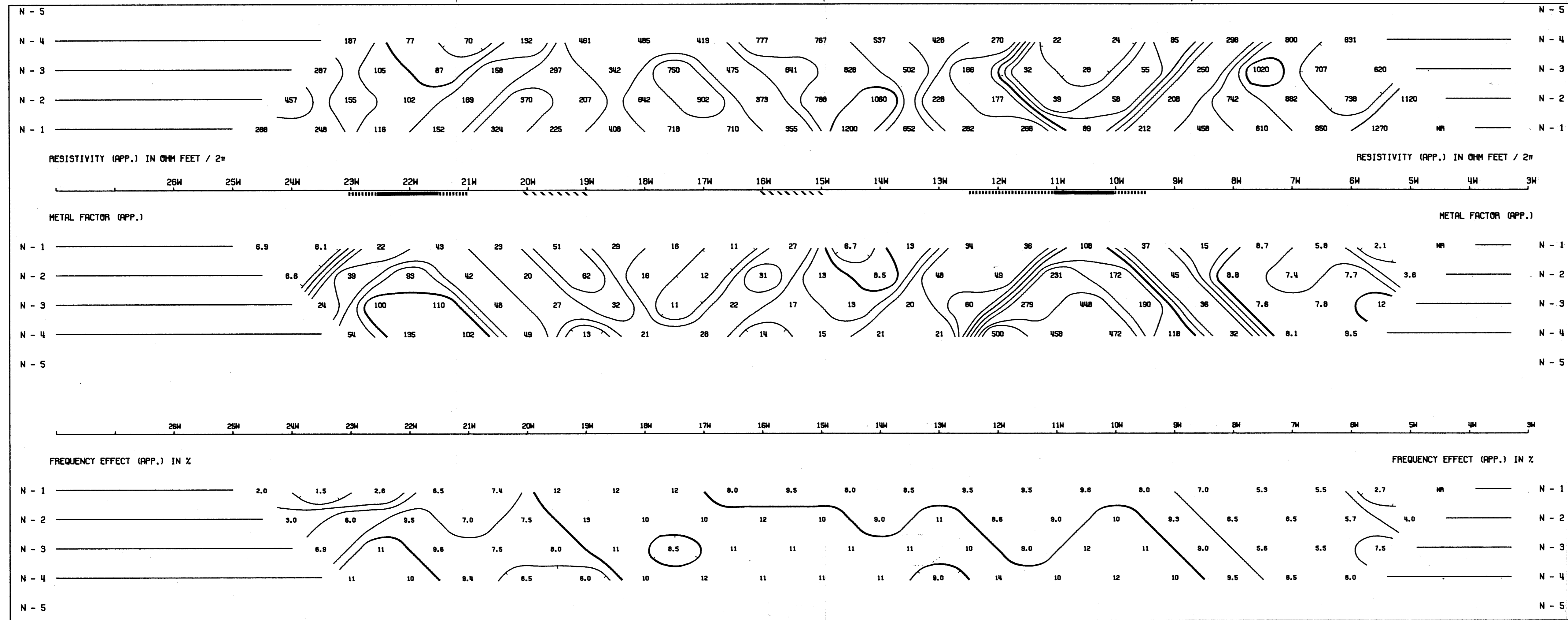
APPROVED:
DATE:
PROFESSIONAL ENGINEER
M.D. FOUNTAIN
BRITISH COLUMBIA
ENGINEER
Exp. Date April 25, 1970

NOTE: CONTOURS AT LOGARITHMIC INTERVALS
1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

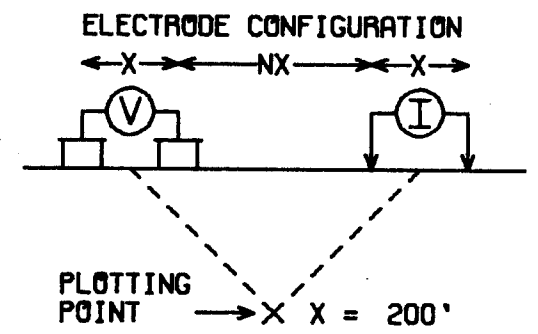
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 51N



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUN 1969

APPROVED:

DATE:

PROFESSIONAL ENGINEER
D. K. FOUNTAIN
BRITISH COLUMBIA
Exp. Date: April 25, 1970

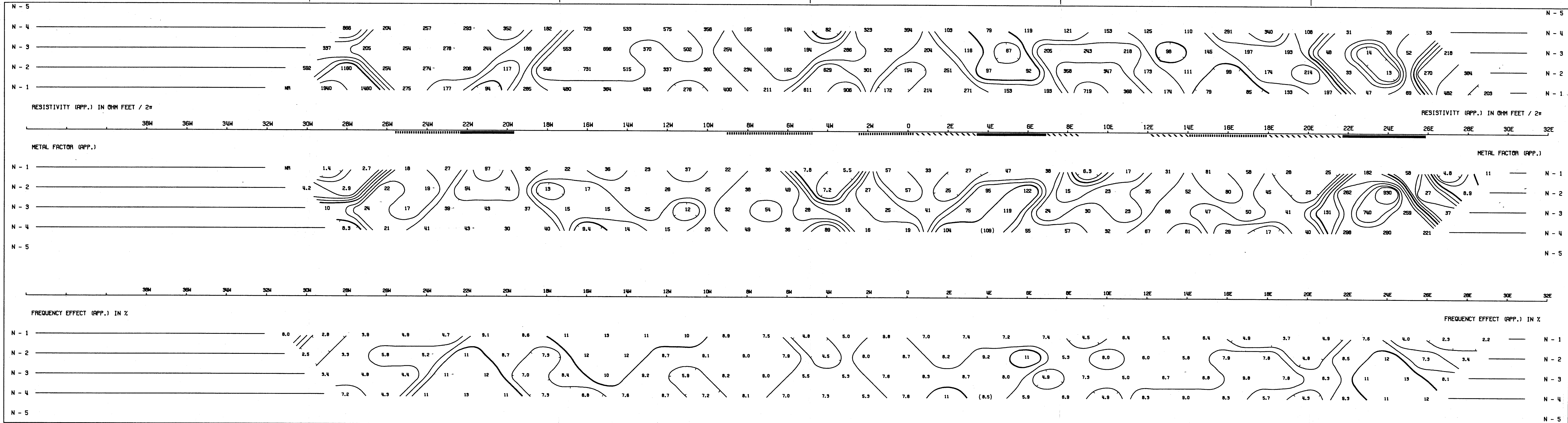
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

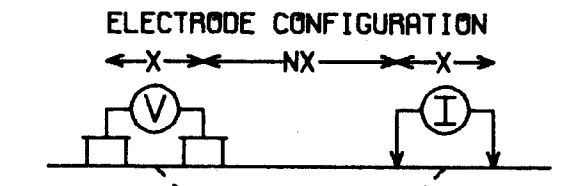
INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED
REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 48N

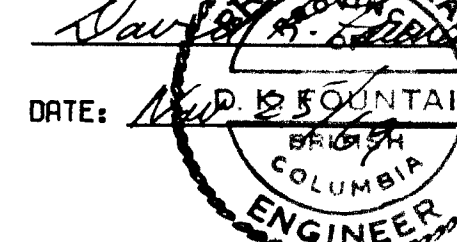


PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUN 1969

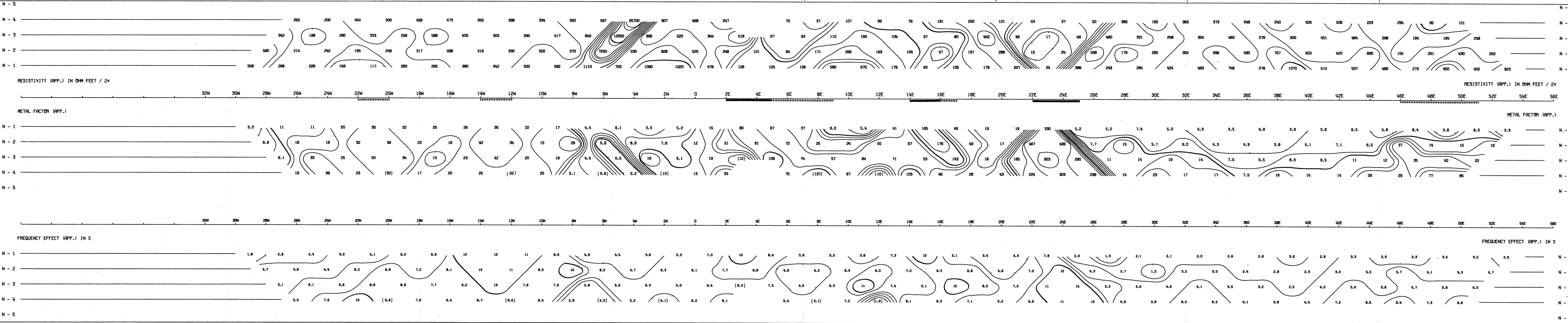
APPROVED:



NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS
INDUCED POLARIZATION AND RESISTIVITY SURVEY

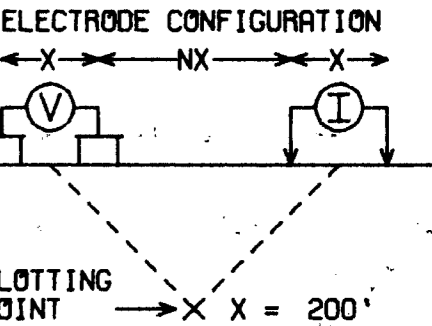
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 45N

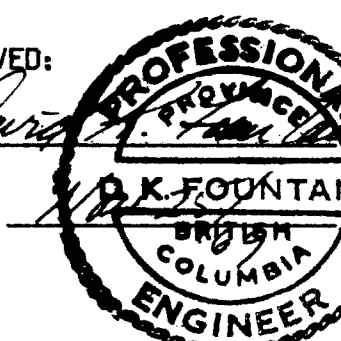


SURFACE PROJECTION OF ANOMALOUS ZONES
 DEFINITE —————
 PROBABLE —————
 POSSIBLE / / / / /

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUN 1969

APPROVED: *[Signature]*

DATE: *[Signature]*

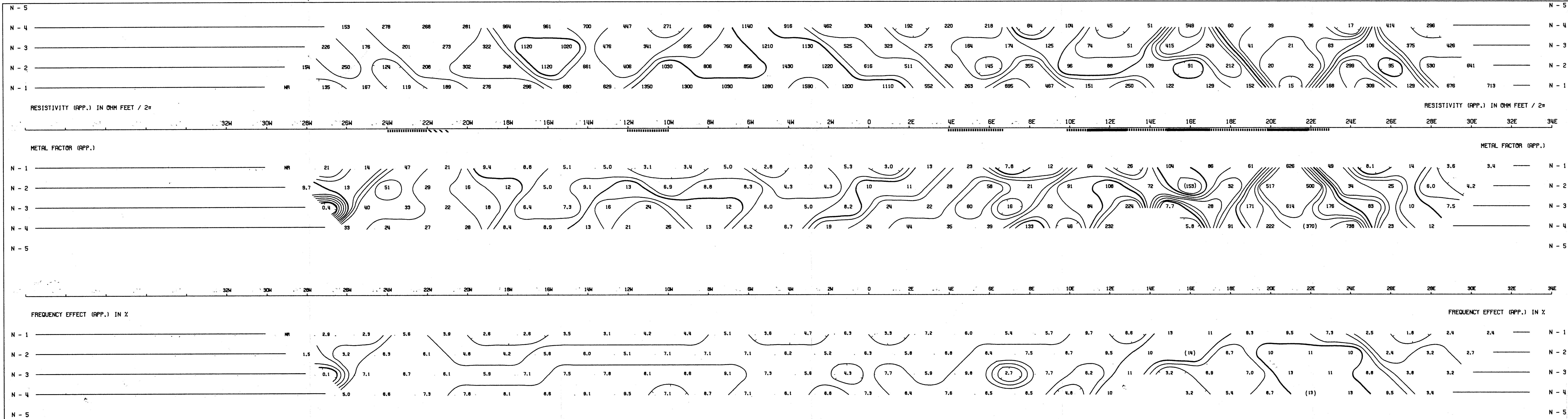


NOTE: CONTOURS AT LOGARITHMIC INTERVALS
 1, -1.5, -2, -3, -5, -7.5, -10

2337
McPHAR GEOPHYSICS
 EXPIRY DATE: April 25, 1970

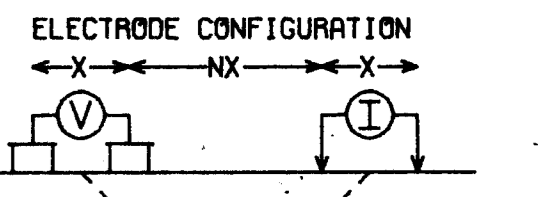
INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED
REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 42N



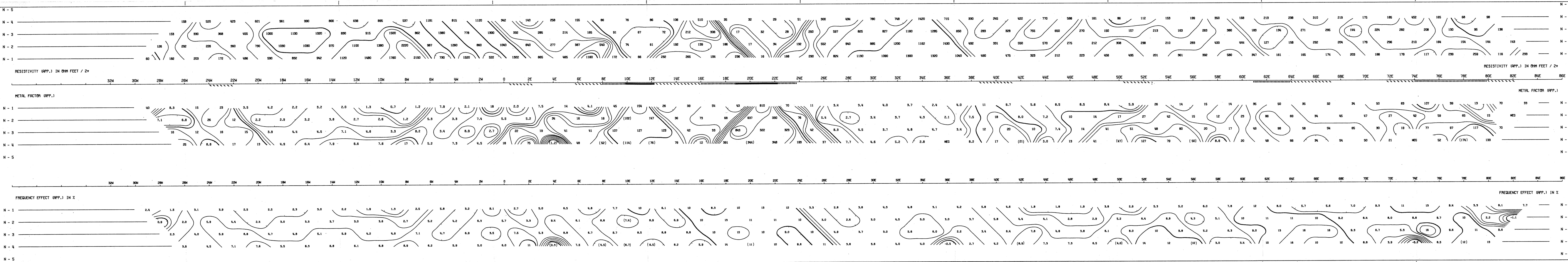
PLOTTING POINT X X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: OCT 1969

APPROVED:
DATE:

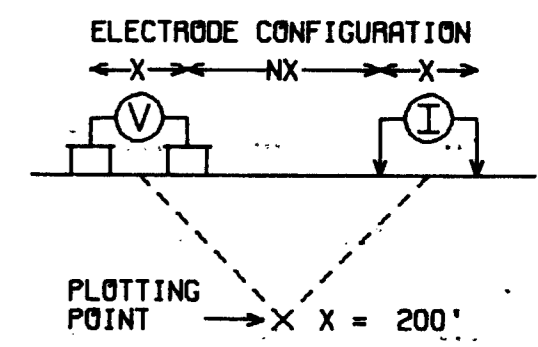
2337
McPHAR GEOPHYSICS
INDUCED POLARIZATION AND RESISTIVITY SURVEY
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.O., B.C.

LINE NO. - 39N



SURFACE PROJECTION OF ANOMALOUS ZONES
 DEFINITE **————**
 PROBABLE **—————**
 POSSIBLE **///////**

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUL 1969

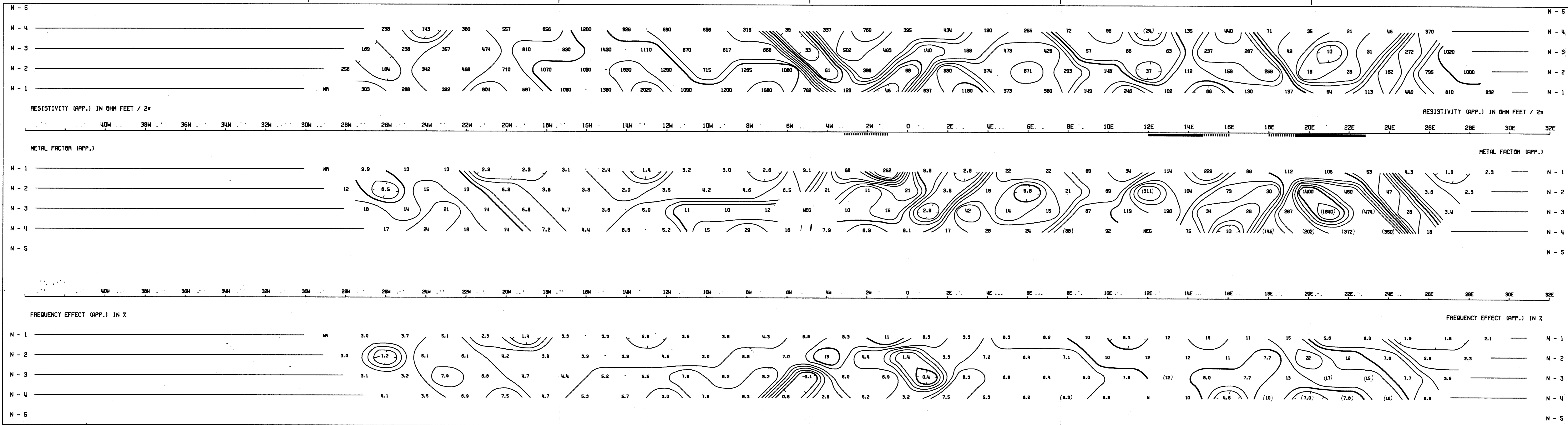
APPROVED: *[Signature]*
PROFESSIONAL ENGINEER
 D. K. FOUNTAIN
 DATE: *[Signature]*
 Expiry Date: April 25, 1970

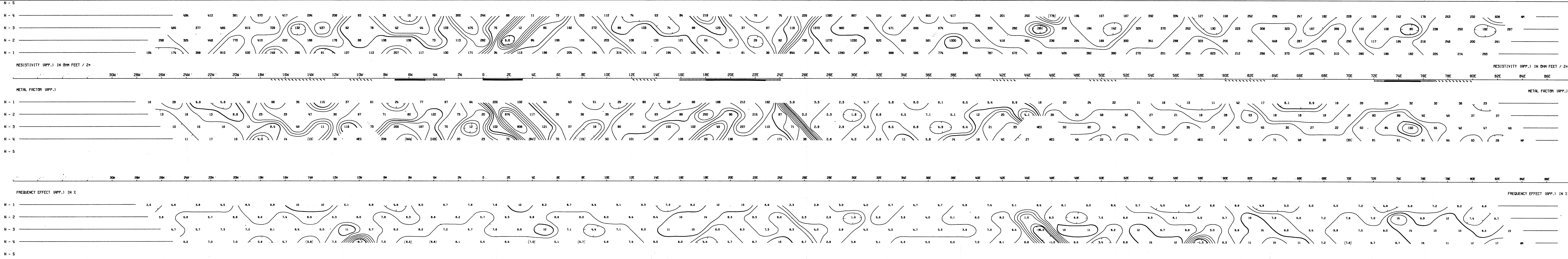
NOTE: CONTOURS AT LOGARITHMIC INTERVALS
 1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 380/75 COMPUTER AND A CALCOMP PLOTTER

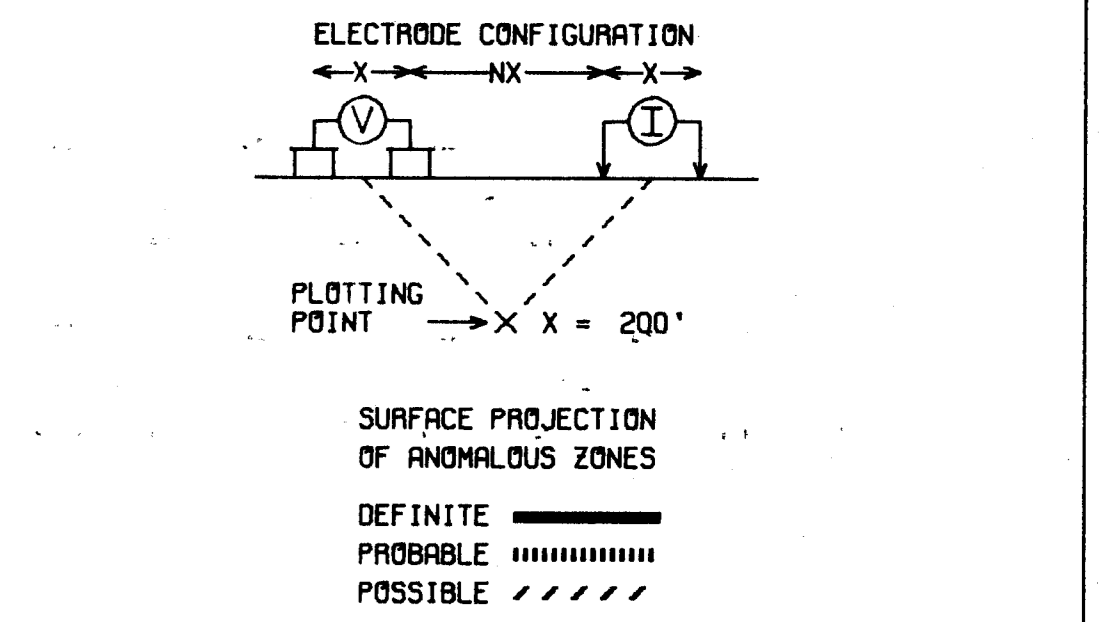




DWG. NO. - I.P. - 5380-27

DENISON MINES LIMITED
 REXSPAR PROJECT, BIRCH ISLAND AREA
 KAMLOOPS M.D., B.C.

LINE NO. - 36N



FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: SEPT '69

APPROVED: *[Signature]*

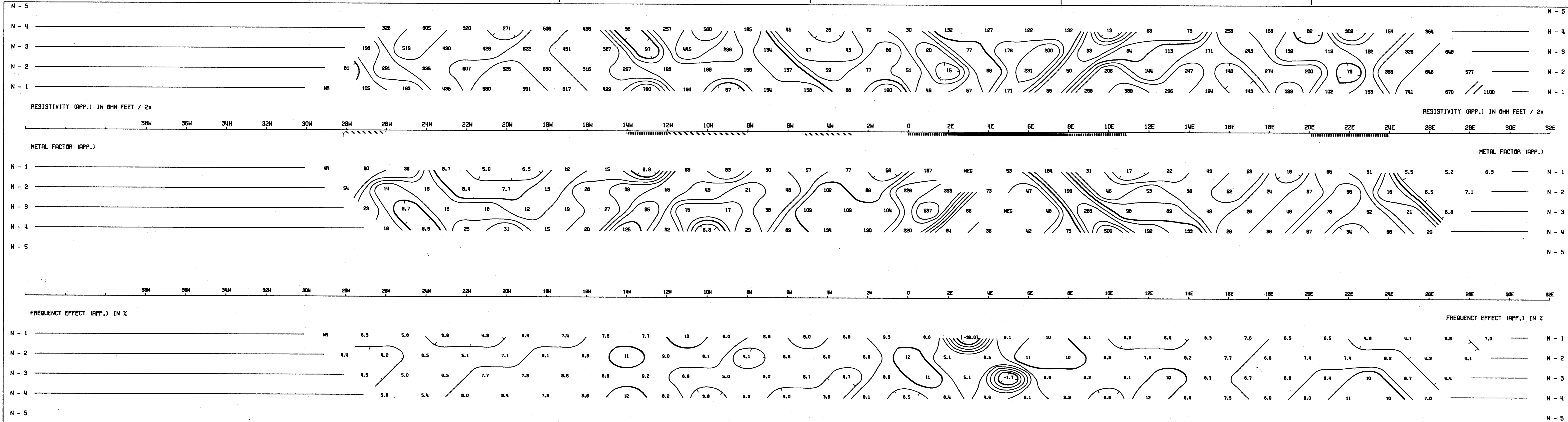
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

DATE: *[Signature]*

2337
McHARR GEOPHYSICS
 EXP. DATE: APRIL 25, 1970

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 380/75 COMPUTER AND A CALCOMP PLOTTER

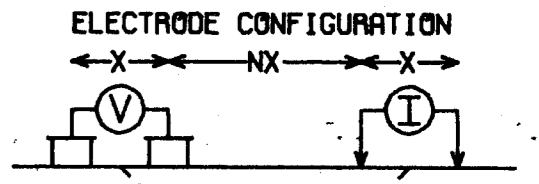


DWG. NO. - I.P. - 5380-28

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 33N



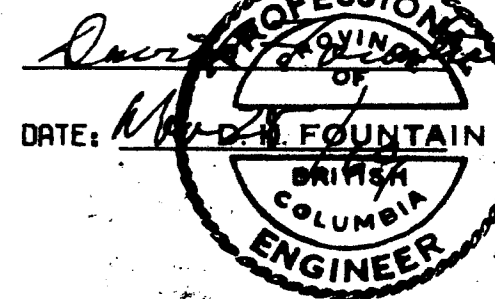
PLOTTING POINT → X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES

- DEFINITE
- PROBABLE
- POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUL 1969

APPROVED:

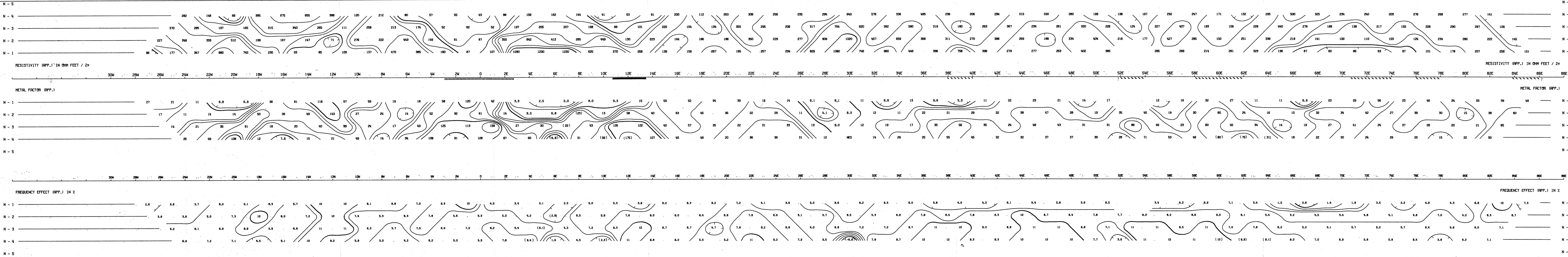


NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DWG. NO. - I.P.-5380-29

DENISON MINES LIMITED
 REXSPAR PROJECT, BIRCH ISLAND AREA
 KAMLOOPS M.D., B.C.

LINE NO. - 30N

ELECTRODE CONFIGURATION

 PLOTTING POINT X = -200'

SURFACE PROJECTION OF ANOMALOUS ZONES
 DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: SEPT '69
 APPROVED:
 D. K. FOUNTAIN
 PROFESSIONAL ENGINEER
 COLUMBIA
 DATE:

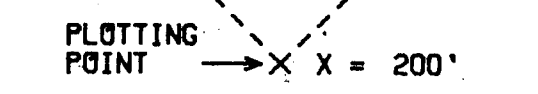
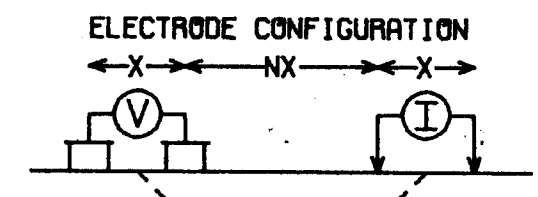
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS
 INDUCED POLARIZATION AND RESISTIVITY SURVEY
 NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 27N



SURFACE PROJECTION
OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: SEPT '69

APPROVED:

D. K. FOUNTAIN
PROFESSIONAL
ENGINEER

DATE:

Expiry Date: April 25, 1970

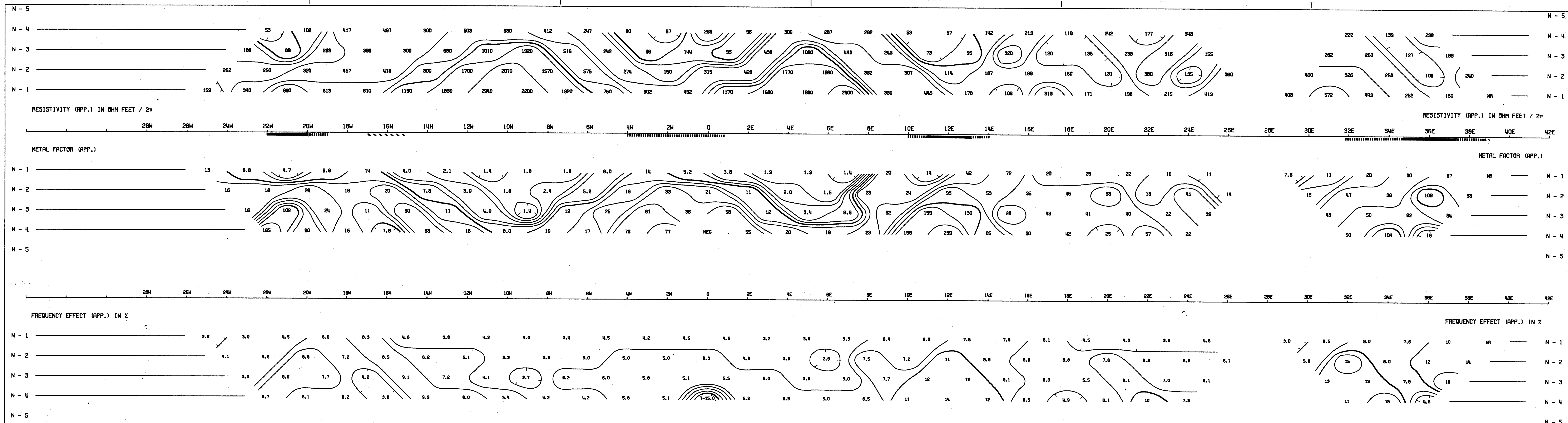
NOTE: CONTOURS AT
LOGARITHMIC INTERVALS
1.-1.5-2.-3.-5.-7.5-10

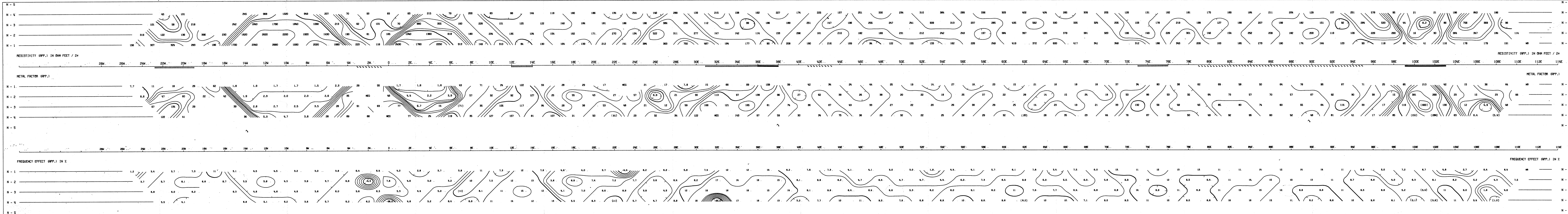
2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER





DNG. NO. - I.P. - 5380-31

DENISON MINES LIMITED
 REXSPAR PROJECT, BRACH-ISLAND AREA
 KAMLOOPS M.D., B.C.

LINE NO. - 24N

ELECTRODE CONFIGURATION

 X = 200'

PLOTTING POINT

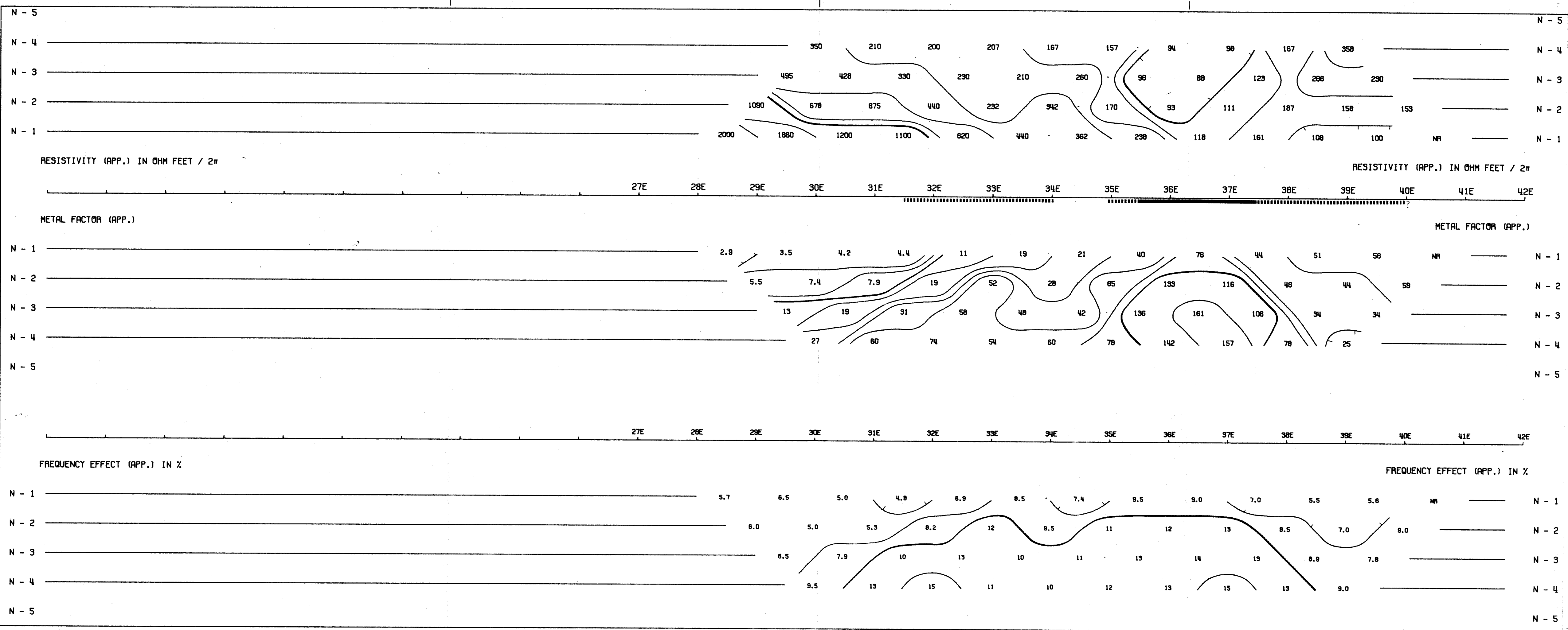
 SURFACE PROJECTION OF ANOMALOUS ZONES
 DEFINITE ———
 PROBABLE - - - - -
 POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUN 1969

APPROVED:
 M.D. KROUKAIN
 PROFESSIONAL ENGINEER
 BRITISH COLUMBIA
 Exp. Date: April 25, 1970

2337

McPHAR GEOPHYSICS
 INDUCED POLARIZATION AND RESISTIVITY SURVEY
 NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

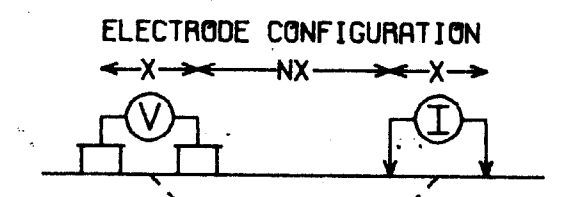


DWG. NO. - I.P. - 5380-32

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
 KAMLOOPS M.D., B.C.

LINE NO. - 24N



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE **————**
 PROBABLE **|||||**
 POSSIBLE **////**

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: SEPT '69

APPROVED: *[Signature]* PROFESSIONAL ENGINEER

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

DATE: *[Signature]* D. K. FOUNTAIN
 E. April 25, 1970

233
McPHAR GEOPHYSICS

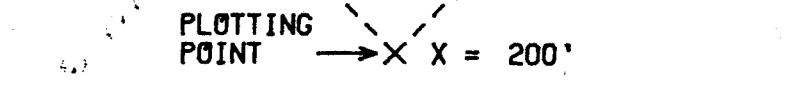
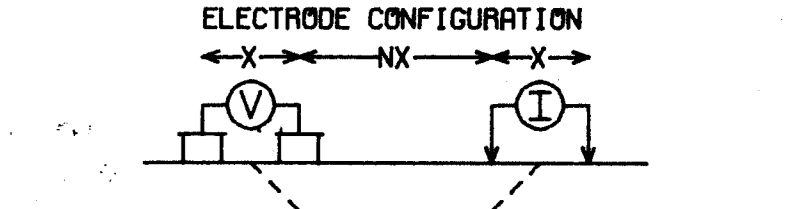
INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 21N



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: SEPT '89

APPROVED: PROFESSIONAL ENGINEER

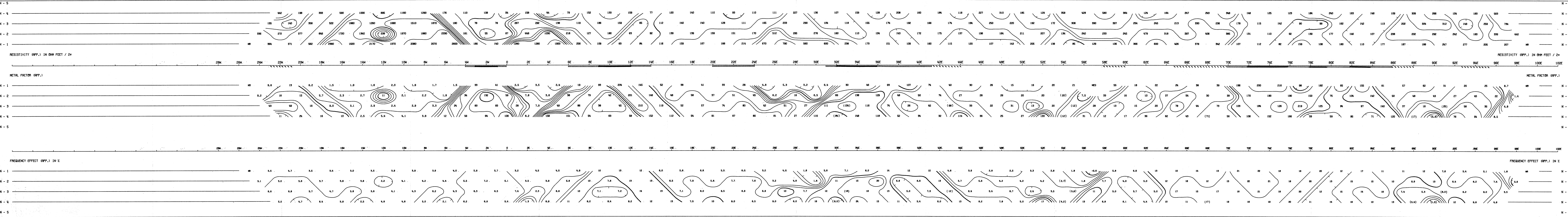
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10
DATE: ENGINEER
Expire Date: April 25, 1970

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

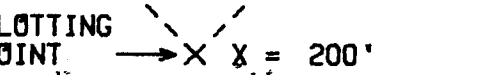
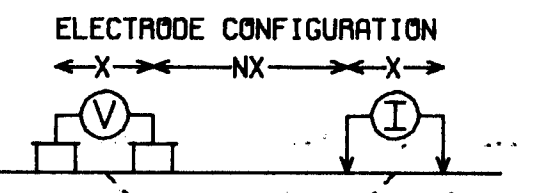
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 18N (EAST PART)

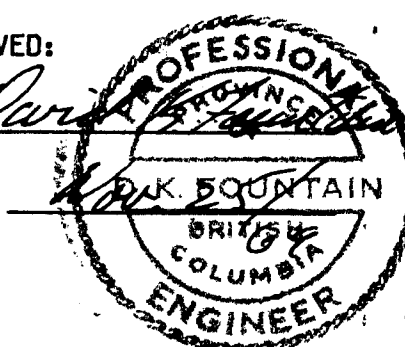


SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUL 1969

APPROVED:

DATE:



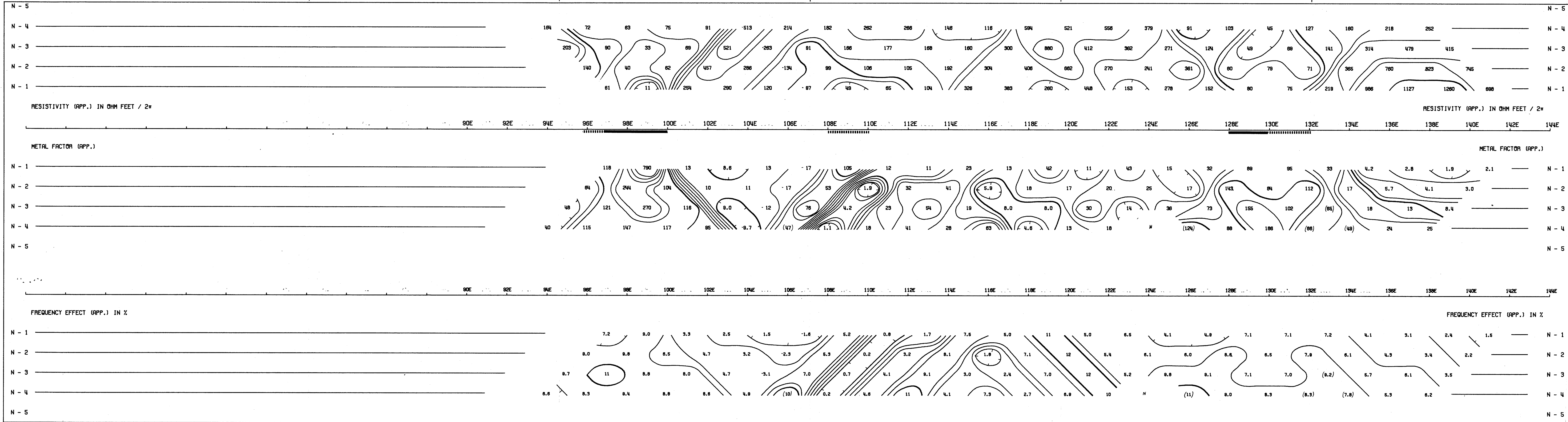
NOTE: CONTOURS AT LOGARITHMIC INTERVALS
1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

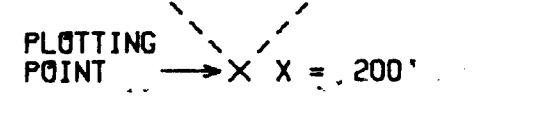
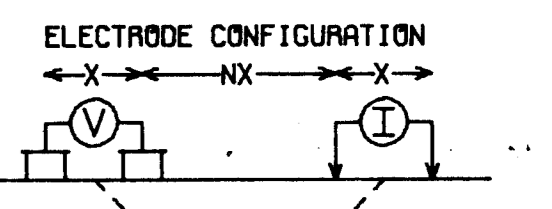
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIACH ISLAND AREA
KAMLOOPS M.O., B.C.

LINE NO. - 18N (WEST PART)



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUL 1969

APPROVED: PROFESSIONAL ENGINEER

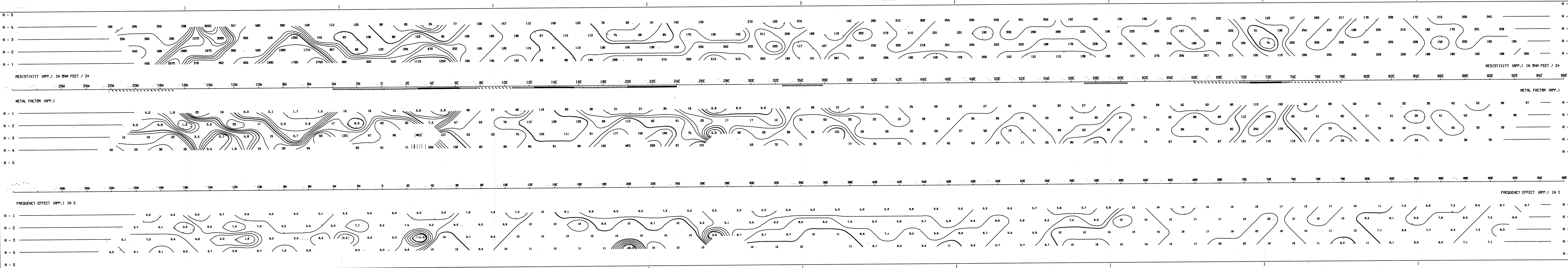
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10
DATE: O. K. MOUNTAIN ENGINEER
Exp. Cert. April 25, 1978

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

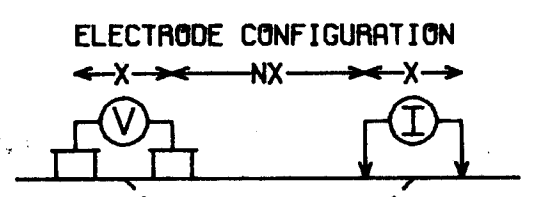
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 18N



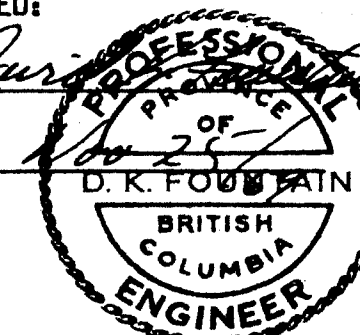
PLOTTING POINT X X = 100'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: AUG 1969

APPROVED:

DATE:



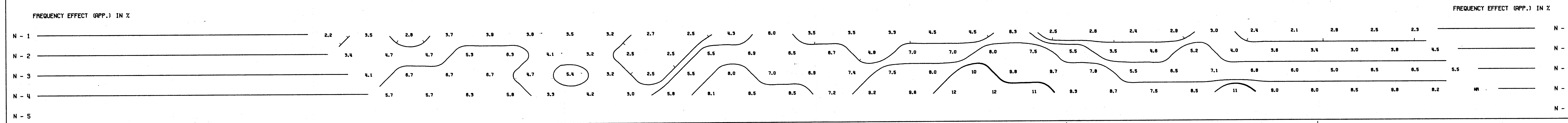
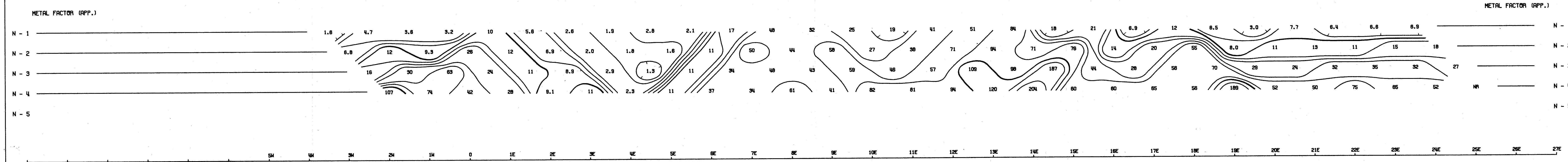
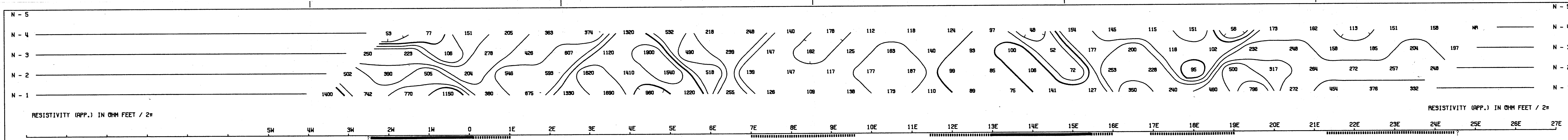
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

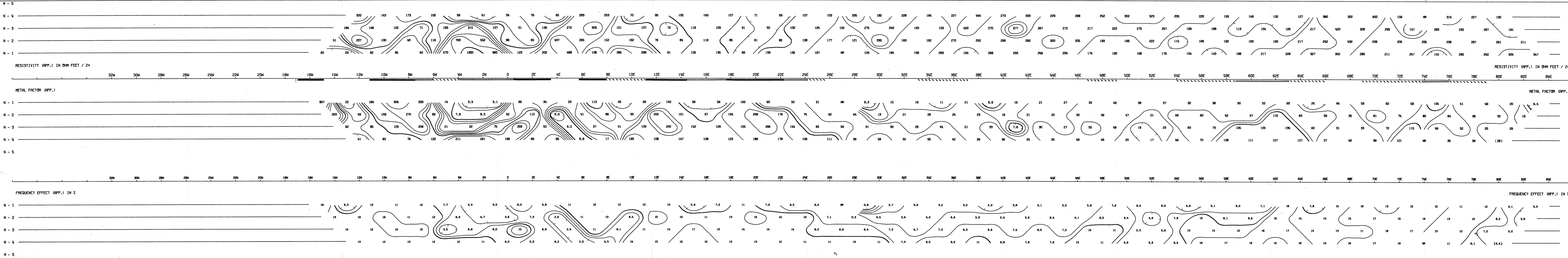
2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER





DWG. NO. - I.P.-5380-36

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 15N

ELECTRODE CONFIGURATION

PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: SEPT '69

APPROVED:

DATE:

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

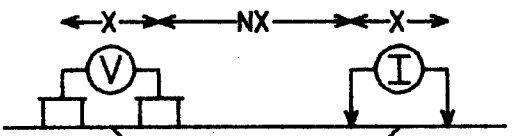
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 12N (WEST PART)

ELECTRODE CONFIGURATION



PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES

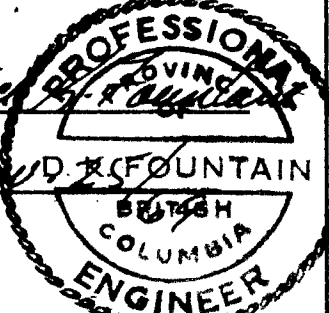
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS

DATE SURVEYED: OCT 1969

APPROVED:

DATE:



NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

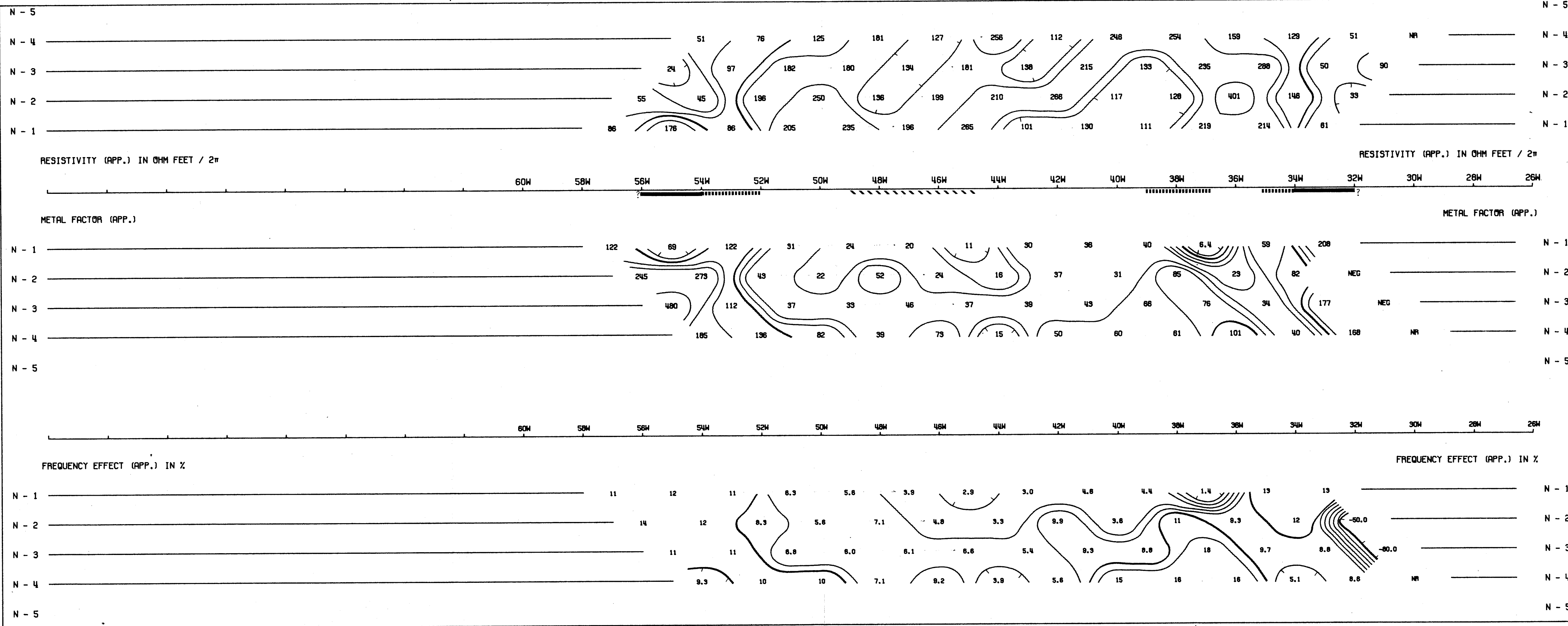
2337

McPHAR GEOPHYSICS

Expiry Date: April 25, 1970

INDUCED POLARIZATION AND RESISTIVITY SURVEY

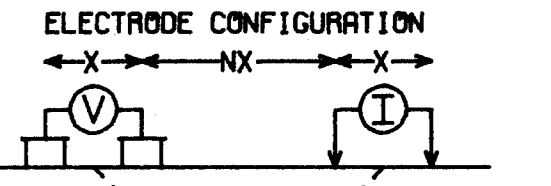
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KANLOOPS M.D., B.C.

LINE NO. - 12N (EAST PART)



PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES

- DEFINITE
- PROBABLE
- POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: JUL 1968

APPROVED:

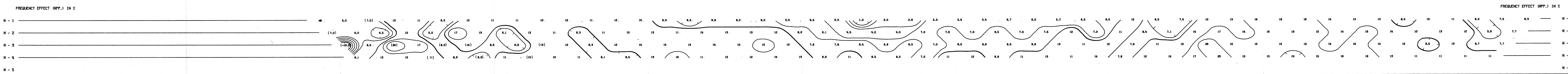
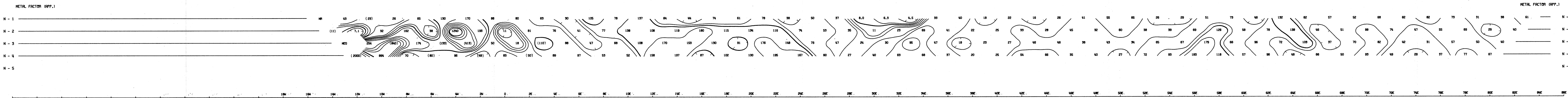
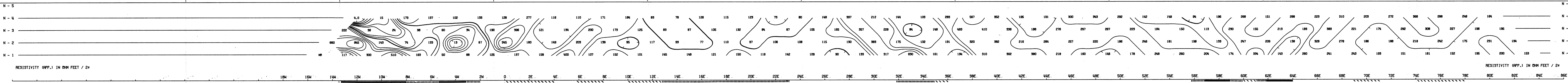
DATE:

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS
INDUCED POLARIZATION AND RESISTIVITY SURVEY

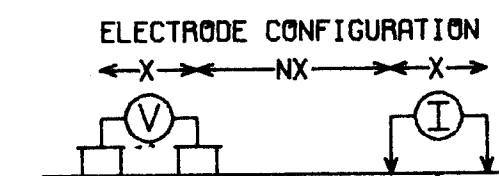
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 9N (WEST PART)



PLOTTING POINT → X X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS

DATE SURVEYED: JUL 1969

APPROVED:

DATE:

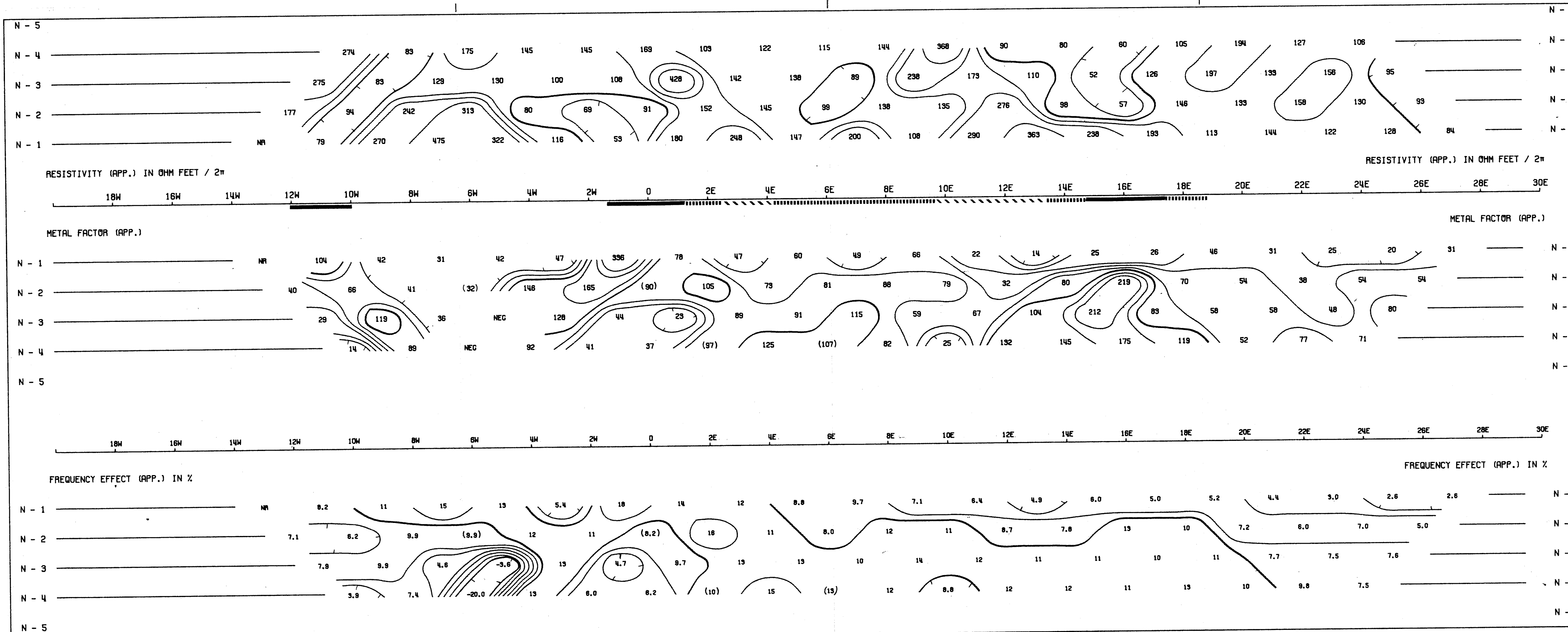


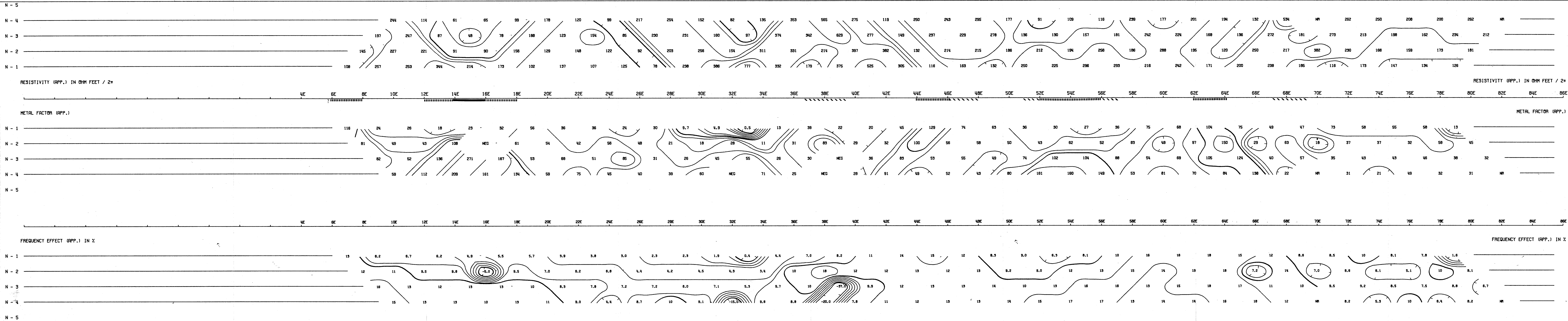
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337
McHARR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

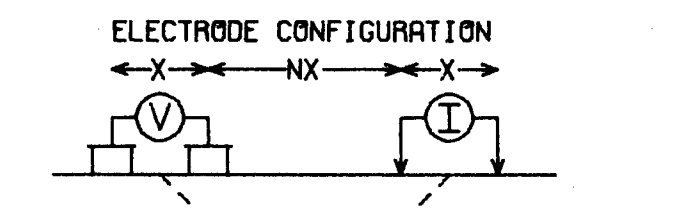




DWG. NO.- I.P.-5380-3B

DENISON MINES LIMITED
 REXSAR PROJECT, BIRCH ISLAND AREA
 KAMLOOPS M.D., B.C.

LINE NO.- 9N (EAST PART)

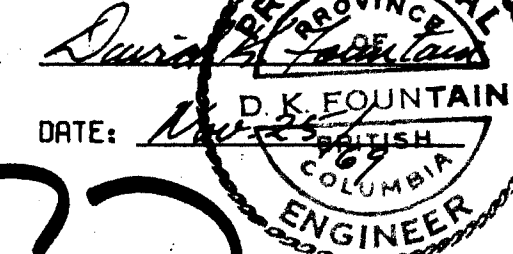


PLOTTING POINT X X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
 DEFINITE —————
 PROBABLE - - - - -
 POSSIBLE / / / / /

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: SEPT '69

APPROVED: *[Signature]*



NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

McPHAR GEOPHYSICS
 INDUCED POLARIZATION AND RESISTIVITY SURVEY

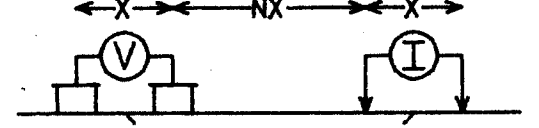
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 6N (WEST PART)

ELECTRODE CONFIGURATION

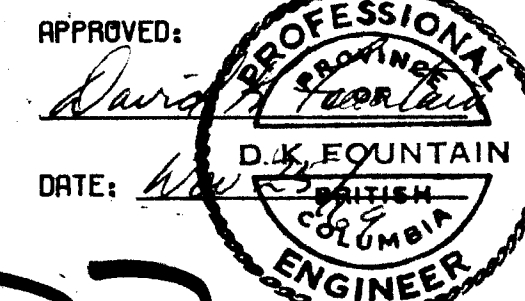


PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: OCT 1969

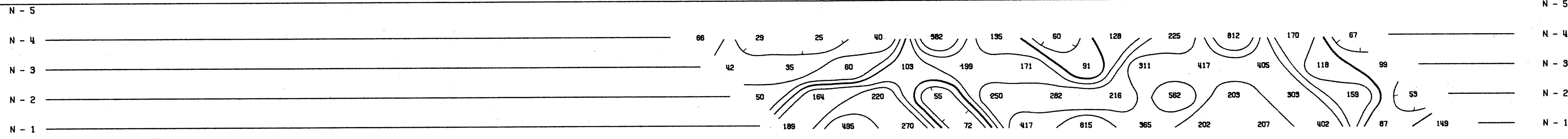


NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337
McPHAR GEOPHYSICS

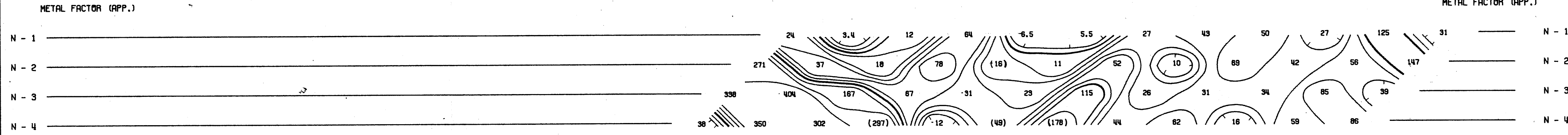
INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



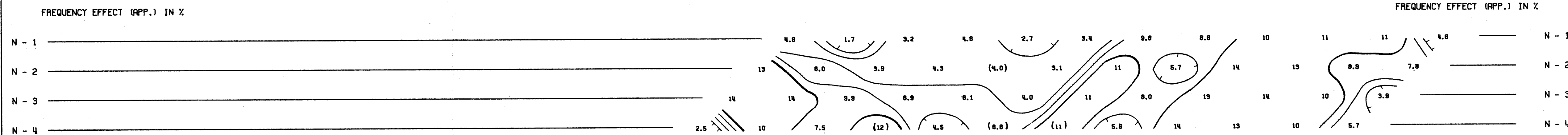
RESISTIVITY (APP.) IN OHM FEET / 2π

RESISTIVITY (APP.) IN OHM FEET / 2π



METAL FACTOR (APP.)

METAL FACTOR (APP.)



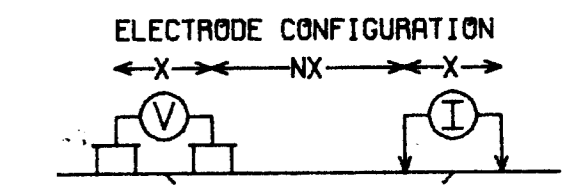
FREQUENCY EFFECT (APP.) IN %

FREQUENCY EFFECT (APP.) IN %

DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 6N (EAST PART)



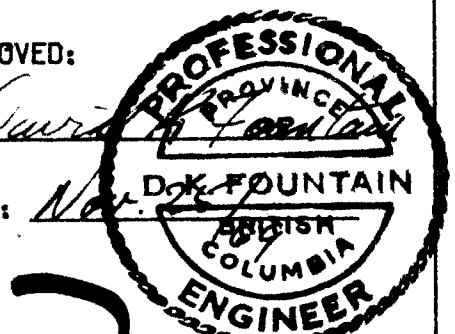
PLOTTING POINT X = 200'

SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: AUG 1969

APPROVED:

DATE:



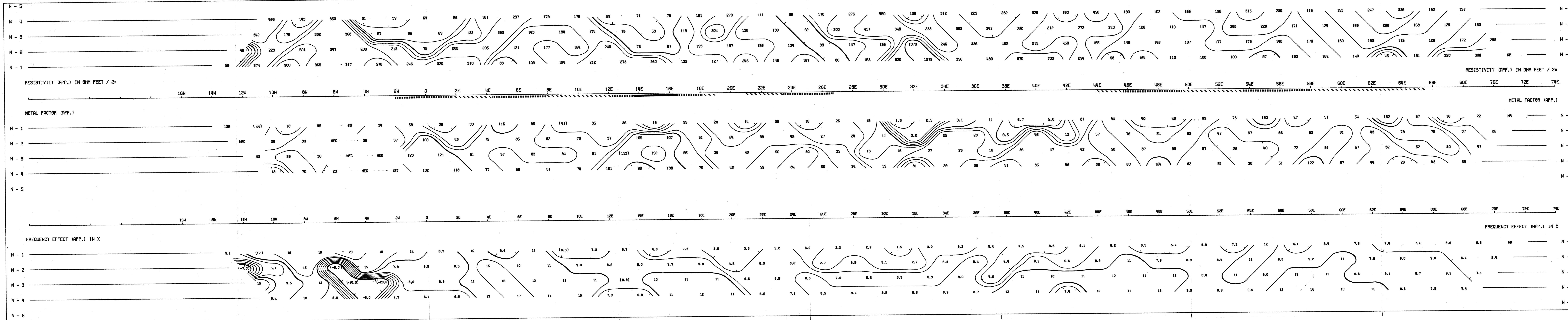
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5-2.-3.-5.-7.5-10

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

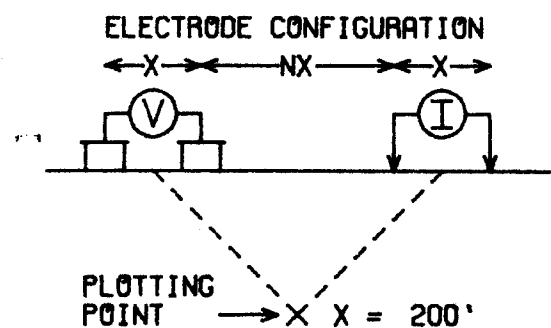
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.D., B.C.

LINE NO. - 3N



SURFACE PROJECTION
OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS

DATE SURVEYED: AUG 1969

APPROVED:

DATE:

NOTE: CONTOURS AT
LOGARITHMIC INTERVALS
1.-1.5-2.-3.-5.-7.5-10

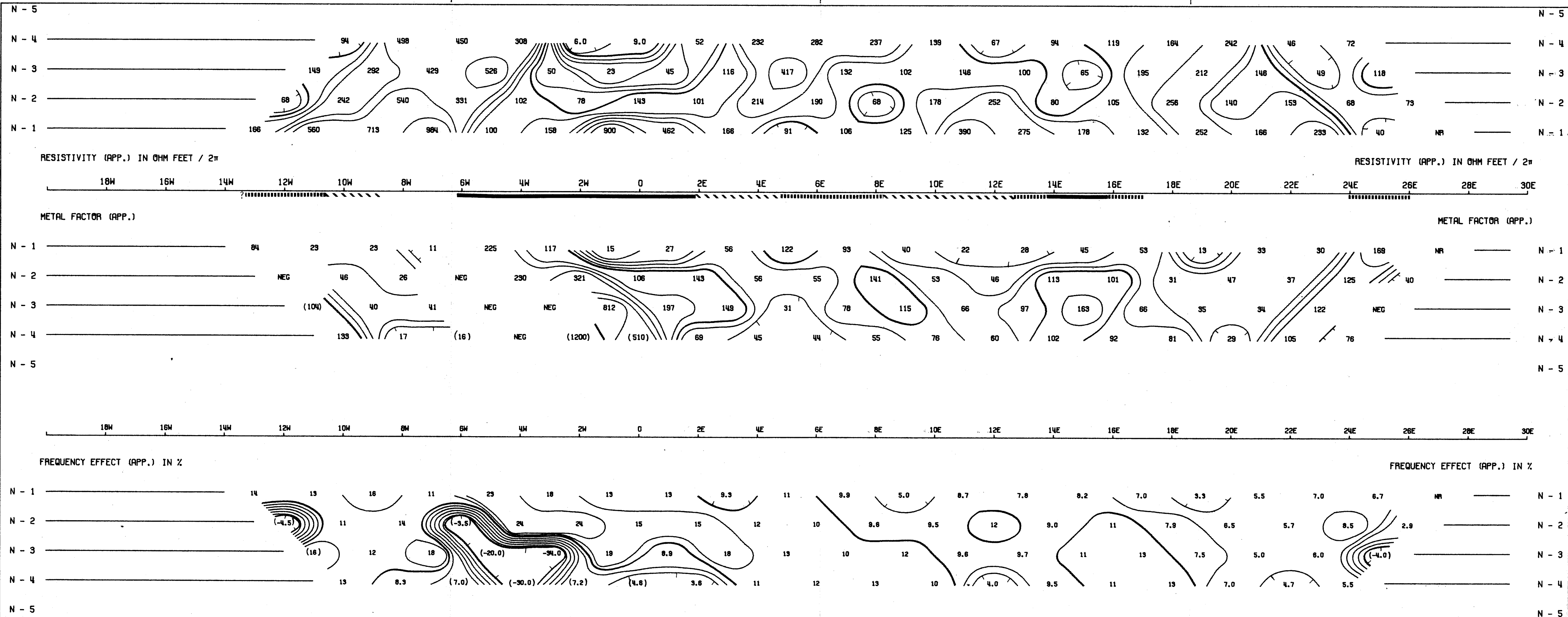


2337
McPHAR GEOPHYSICS

Expiry Date: April 25, 1970

INDUCED POLARIZATION AND RESISTIVITY SURVEY

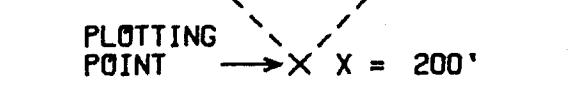
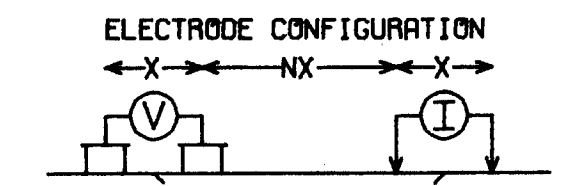
NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER



DENISON MINES LIMITED

REXSPAR PROJECT, BIRCH ISLAND AREA
KAMLOOPS M.O., B.C.

LINE NO. - 0 (EAST PART)



SURFACE PROJECTION OF ANOMALOUS ZONES
DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES: 0.31-5.0 CPS DATE SURVEYED: AUG 1969

APPROVED: PROFESSIONAL ENGINEER

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, -1.5, -2, -3, -5, -7, 5, 10

D. K. FOUNTAIN
COLUMBIA ENGINEER
Expiry Date: April 25, 1970

2337

McPHAR GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

NOTE: THIS PLOT WAS PRODUCED WITH AN IBM 360/75 COMPUTER AND A CALCOMP PLOTTER

