GEOPHYSICAL REPORT
ON THE
BE GROUPS 1 and 3
LIARD M.D.

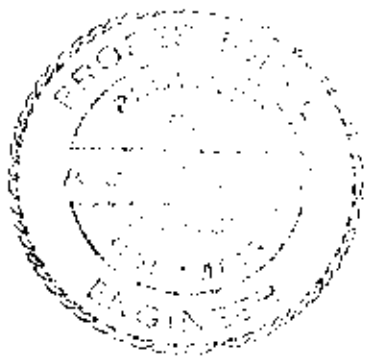
104-G-7W
57°17'N 130°53'E

OWNED AND OPERATED BY
UTAH MINES LTD.

By

J. Vyselaar
G.A. Clouthier
Utah Mines Ltd.
January, 1978

Work Performed Between August 8th and August 29th, 1977



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GEOPHYSICAL REPORT ON THE BE GROUPS #1 and #3

INTRODUCTION

The BE Group, consisting of six claims, each of 20 units was staked for Utah Mines Ltd. between August 4th and August 6th, 1977, following the abandonment of the May Group on August 3rd, 1977. The magnetometer and induced polarization surveys discussed in this report were conducted between August 4th and August 26, 1977 by Utah Mines personnel. This work was done as part of a large geological, geophysical, and geochemical evaluation program on the property from a base camp at the north end of Loon Lake.

Base camp equipment and supplies were mobilized out of Vancouver by truck to Iskut and flown from there to Schaft Creek by DC-3. From Schaft Creek to the base camp, a distance of some 10 kilometers, everything was flown in by helicopter. Helicopter support was provided either by a Bell 47G3B1 on contract or by casual Bell 206B charters. Supplies were brought in twice weekly by fixed wing aircraft on a sched run from Terrace to Schaft Creek. Because of the rugged terrain daily transport by helicopter of the geophysical crews to work areas was required.

Control for the geophysical surveys was provided by cut compass lines run at 122 meter and 244 meter intervals in some areas. These lines were run from transit surveyed baselines and stations were established every 61 meters on the lines. Where not controlled by survey points, the lines

were tied into topographic features on an orthophoto mosaic map as accurately as possible.

LOCATION

The BE Group is located in northwestern British Columbia, 975 kilometers north-northwest of Vancouver and 68 kilometers south of Telegraph Creek on the Stikine River. Locally the claims are staked along the eastern flank of Mess Creek Valley sixteen kilometers south of Mess Lake. The NTS Grid reference is 104-G/7 and the coordinates are 57°17'N and 131°53'E.

ACCESS

At the present time access to the property is by helicopter. Small float planes have landed on Loon Lake at the base camp but payloads are very restricted so that it could probably only be used in cases of emergency. The closest airstrip is at Schaft Creek ten kilometers to the north. It is a good gravel strip 2750 meters long capable of handling fairly large cargo planes. The nearest access is along the Stewart-Cassiar Highway 56 kilometers south of Iskut, which is 38 kilometers due east of the property. The proposed road to Schaft Creek, should production be realized there, would pass within a few kilometers of the property. The B.C. Rail extension from Fort St. James to Dease Lake is currently under construction and should be

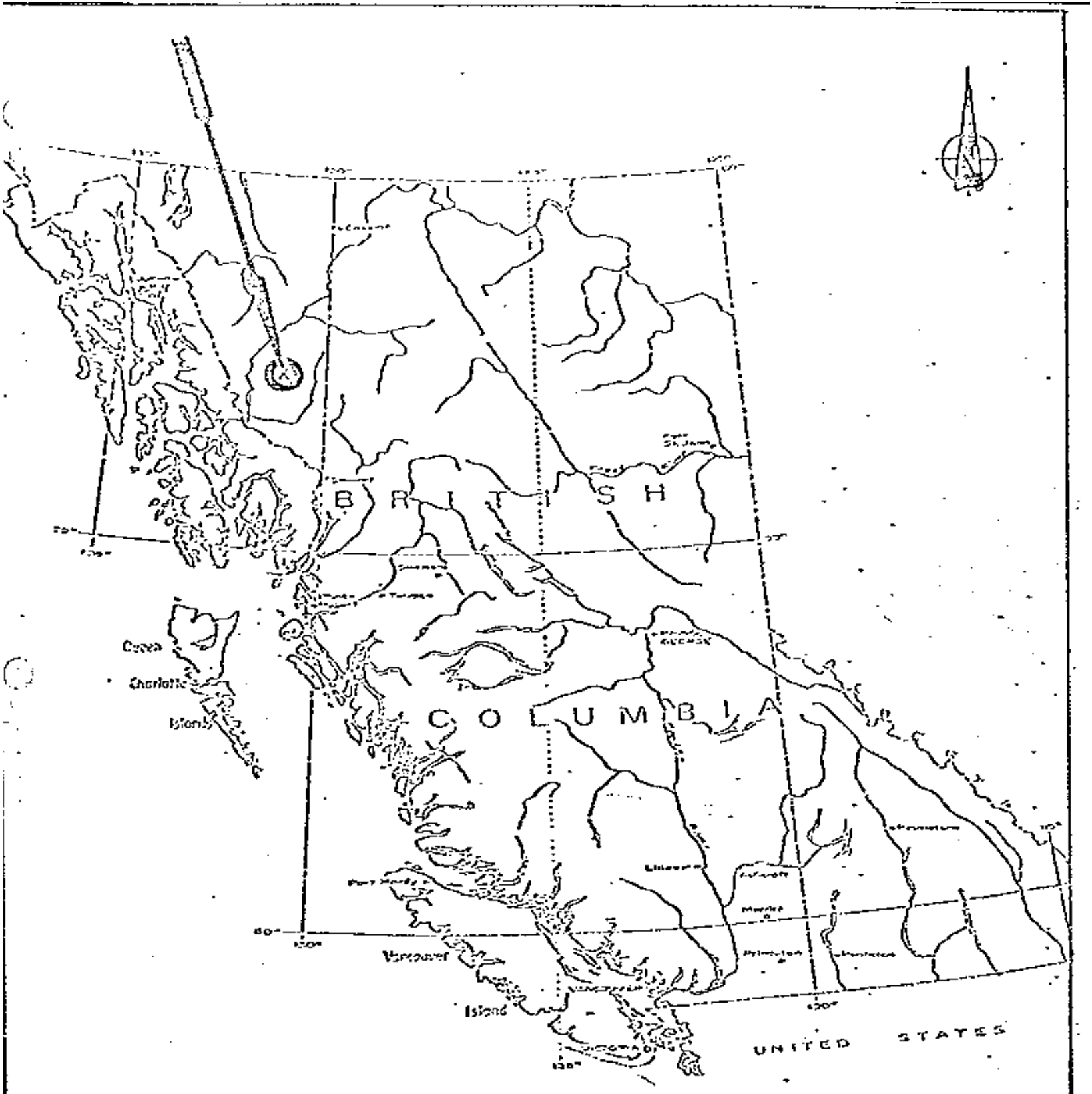


Figure 1

LOCATION MAP BE GROUP

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. SCHMIDT

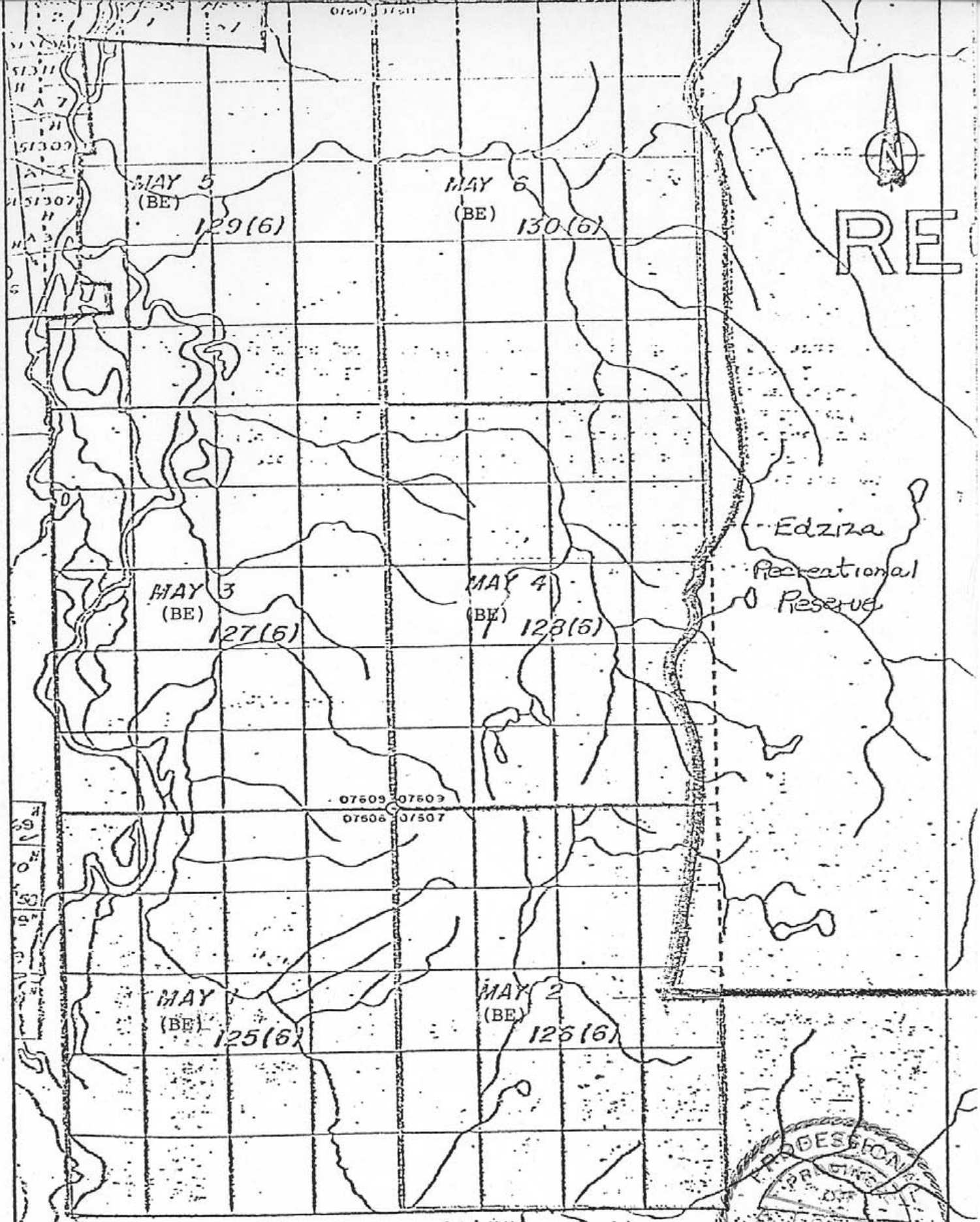


Figure 2

CLAIM MAP BE GROUP

Scale 1"=½ mile

Jan. 28/79

ACCESS - Continued

completed late in 1978. Using the proposed Raspberry Pass route to Schaft Creek and existing roads the distance to the railway would be 145 kilometers.

PHYSIOGRAPHY AND CLIMATE

The BE Group is bounded by two major physiographic features; the Spectrum Range Plateau on the east and the Great Range Mountains on the west. The property falls steeply from elevations of greater than 1500 meters along its eastern boundary to 730 meters in Mess Creek Valley. The southern half of the claim group is characterized by deeply dissected cliffs and talus slopes which grade into hummocky alpine terrain to the east. The entire western edge of the property is covered by the flat swampy flood plane of Mess Creek. The north part of the property is thickly forested from the Mess Creek Valley east to the 1050 meter elevation. Above 1050 meters, all along the eastern part of the property, scrub timber and alpine meadows predominate.

In June, July and August, the mean temperature is 13°C. Winter temperatures do not usually drop below -29°C. Total precipitation averages about 50 centimeters per year of which about half falls as snow. These figures are approximate and based on records kept at Schaft Creek over several years.

MAGNETOMETER SURVEY

The magnetic survey was an extension of the existing survey and several lines were rerun in order to tie the two surveys together. The survey was completed using two vertical field Flux-master magnetometers manufactured by Phoenix Geophysics Ltd. of Willowdale, Ontario. One magnetometer was used to survey the lines while the second one was used as a base station recorder. Diurnal variations were corrected by referring to the base station recorder.

The base station recorder was used instead of base stations due to the rugged topography. It was felt that it would be too difficult to return to the base stations regularly enough to adequately track the diurnal variations.

The vertical field data are relative readings referred to a base station. Readings were taken every 30.5 meters. This is equivalent to 100 feet which was the station interval on the 1972 survey. The 1977 survey was tied into the 1972 survey. The overlaps are as follows:

GROUP I

Line	1972 Survey	1977 Survey	Overlap
24S	6W - 36E	20E - 70E	20E - 36E
28S	5W - 36E	20E - 70E	20E - 36E
32S	8W - 40E	20E - 70E	20E - 36E
36S	9W - 40E	20E - 68E	20E - 40E
40S	9W - 40E	20E - 68E	20E - 40E

MAGNETOMETER SURVEY - Continued

GROUP III

Line	1972 Survey	1977 Survey	Overlap
52N	3W - 30E	20E - 70E	20E - 30E
56N	4W - 30E	20E - 70E	20E - 30E
60N	3W - 31E	20E - 70E	20E - 31E
64N	3W - 31E	20E - 70E	20E - 31E

Comparing the overlapped areas in both groups a difference of 335 gammas was noted between the 1977 surveys and 1972 surveys. This value was then added onto the 1977 results in order to bring them to the same level as the 1972 magnetic values.

The lines covered in the 1977 survey in both groups are listed separately in Appendix D.

The magnetic values were contoured at 200 gamma intervals from -1500 to +1500 gammas and at 500 gamma intervals below -1500 and above +1500.

There are three main magnetic highs, two in the Group I area and one in the Group III area.

The first anomaly in the Group I area extends from line 24S to 108S from about 2E to 20E. It is characterized by local highs trending north-south and is caused by a syenitic intrusion.

MAGNETOMETER SURVEY - Continued

An ultramafic body is the source of a magnetic anomaly extending from line 108S to line 48S from 40E to 30E.

In Group III an ultramafic body is responsible for a large anomalous area extending from line 52N to line 132N from 40E to 70E. A fault contact is outlined by a steep gradient along the western side of the ultramafic.

Other faults cross magnetic anomalies and are not closely outlined by the magnetic survey.

INDUCED POLARIZATION SURVEY

The induced polarization survey was a frequency domain survey completed with equipment manufactured by Phoenix Geophysics Ltd. of Willowdale, Ontario. The dipole-dipole array with an electrode spacing of "a=61" meters was used. Readings were taken at n=1, 2, 3 and 4 or dipole separations of 61, 122, 183 and 244 meters. The 61 meter "a" spacing is equivalent to 200 feet which is the values used in the 1972 IP survey. The frequencies employed were 0.3 and 5.0 Hz.

The readings obtained in the field were percent frequency effect and the potential difference between the two potential electrodes. Apparent resistivity in terms of ohm-feet/2π were calculated. The metal conduction factor was then calculated by dividing the percent frequency effect by the apparent resistivity.

INDUCED POLARIZATION SURVEY - Continued

The data was then plotted in psuedo-section form. Mineralized areas were outlined by values of percent frequency effect of 3.0 or greater with a value of 5.0 or greater being taken as strongly anomalous. Areas of high percent frequency effect with lower values of apparent resistivity were rated more favourably than areas with high resistivity values.

The results show an anomalous area in Group I extending from line 24S to line 44S trending roughly NW-SE. The anomalous area is centered at roughly 34E on line 40S to 16E on line 24S.

There are two anomalous areas in Group III from line 52N to line 72N. On line 72N they merge into one wide anomalous zone that trends NNE to line 92N.

The anomalous areas in both groups are interpreted as being due to disseminated sulfide mineralization. The results on line 52N to line 72N show the mineralization to be fault or dyke controlled. No precise estimate of percent sulphides or type of mineralization can be made from the induced polarization data.

G.A. Clouthier
Project Geologist

/edb

J. Vyselaar
Geophysicist

APPENDIX A

STATEMENT OF COSTS

STATEMENT OF COSTS

Equipment Rental

Two magnetometers & recorder	
30 days @ $23.50/day	$ 2,770.00
IP unit - 30 days @ $52.00/day	1,560.00
Freight from Toronto & Return	512.00
	$ 2,777.00

Salaries

G.A. Clouthier	10 days @ $61.50/day	$ 615.00
J. Vyselaar	15 days @ $59.23/day	888.45
B. Lum	25 days @ $32.69/day	817.25
P. Garrosino	25 days @ $28.85/day	721.25
P. Hickey	25 days @ $36.54/day	913.50
S. Holland	25 days @ $28.85/day	721.25
		$ 4,676.70

Camp Costs

114 days @ $22.00/day	$ 2,508.00

Transportation

From Vancouver and Return, 10x$140.00	$ 1,400.00

Helicopter

B-1 - 19.4 hrs @ $160.00/hr	$ 3,104.00
Fuel F.O.B. Schaft Creek - 16 gal/hr	
310.4 gal @ $1.50/gal	$ 465.60

Map & Report Preparation	$ 1,000.00
Mobilization & Demobilization	
Of camp equipment & support	
Personnel from Vancouver	1,968.18
(Includes vehicle rental 1 month)	$17,928.88

Approximately 10% of Total Cost pro-rated to cover this portion of total field work.

A. Leicht
Jan 23/78

APPENDIX B

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

G.A. CLOUTHIER, Geologist for Utah Mines Ltd., Vancouver, British Columbia.
Completed BSc (Honors Geology) at the University of British Columbia 1970; employed since graduation by Utah Mines Ltd. under supervision of M.J. Young. The main emphasis of work has been base metal exploration principally with porphyry copper deposits and volcanogenic deposits. Field work has involved regional evaluation and property development work in British Columbia, Alaska, Yukon Territories and the western U.S.A. Supervision responsibilities have included management of camps and exploration crews on both ground and air supported programs involving most phases and types of exploration.

J. VYSELAAR, Geophysicist for Utah Mines Ltd., Vancouver, British Columbia.
Completed BSc. (geology and geophysics) at the University of British Columbia in 1971; employed by Chisolm Prospecting Ltd. and Texas Gulf Sulphur Ltd. during the 1969 and 1970 field seasons, respectively, as a geological assistant; employed by Geoterrex from May, 1971 to October, 1971 and January 1972 to April, 1972 as a field geophysicist under Peer Norgaard, P.Eng.; employed by Barringer Research Ltd. as a geophysicist from May, 1972 to October, 1974 under the supervision of F.L. Jagodits, P.Eng., and R.J. Henderson; employed by Utah Mines Ltd. from January, 1975 to present as a geophysicist under the supervision of M.J. Young, P.Eng.

APPENDIX C

INVOICES

PHOENIX Geophysics Limited

209 YORKLAND BLVD., WILLOWDALE, ONTARIO, CANADA M2J 1R5 TELEPHONE (416) 493-6350

RECEIVED
AUG 17 1977
UTAH MINES LTD.
EXPLORATION DEPT.

0553-13-1

INVOICE

August 12, 1977.
Invoice No. 639.E.

Utah Mines Ltd.,
Exploration Dept.,
Suite 1600,
1050 W.Pender St.,
Vancouver, British Columbia.

Attention: Mr. Jim Vyselaar

RENTAL

FLUXGATE MAGNETOMETER

2 MV-1 complete with battery charger and Rustrak recorder unit.
(Serial Nos. 7603 and 7608)
Rental Period:
August 4 - September 2, 1977.
30 days @ $23.50/day $705.00

Shipped to Terrace, B.C.

Freight charges already invoiced on our invoice No. 626-E.

UTAH MINES LTD. - EXPLORATION DEPT.					
DISTRIBUTION					
Location	Major	Minor	Act.	Exp.	Amount
00	[illegible]	0	PHOENIX GEOPHYSICS ENGINEERING COMPANY LIMITED.		
00		A750	0980		705.00
00		0	0	0	
00		0	0	0	
00		0	0	0	
Date Received			Invoice Amount		705.00
Ext. & Prices			Discount		
Approved by			Amount Payable		
			Check No.		

Vancouver Office: 1424 - 355 Burrard Street, British Columbia V6C 2G8 Telephone (604) 684-2285
Tucson Office: 2430 N. Huachuca Drive, Tucson, Arizona 85705 Telephone (602) 884-8542

PHOENIX Geophysics Limited

200 YORKLAND BLVD., WILLOWDALE, ONTARIO, CANADA M2J 1R6 TELEPHONE (416) 493-6350

CREDIT
INVOICE

053-13-9

September 6, 1977
Invoice No. 663-E

Utah Mines Ltd.
Exploration Dept.
Suite 1600,
1050 W. Pender Street,
Vancouver, B.C.
V6E 3S7

Attention: Mr. Jim Vyselaar, Geophysicist

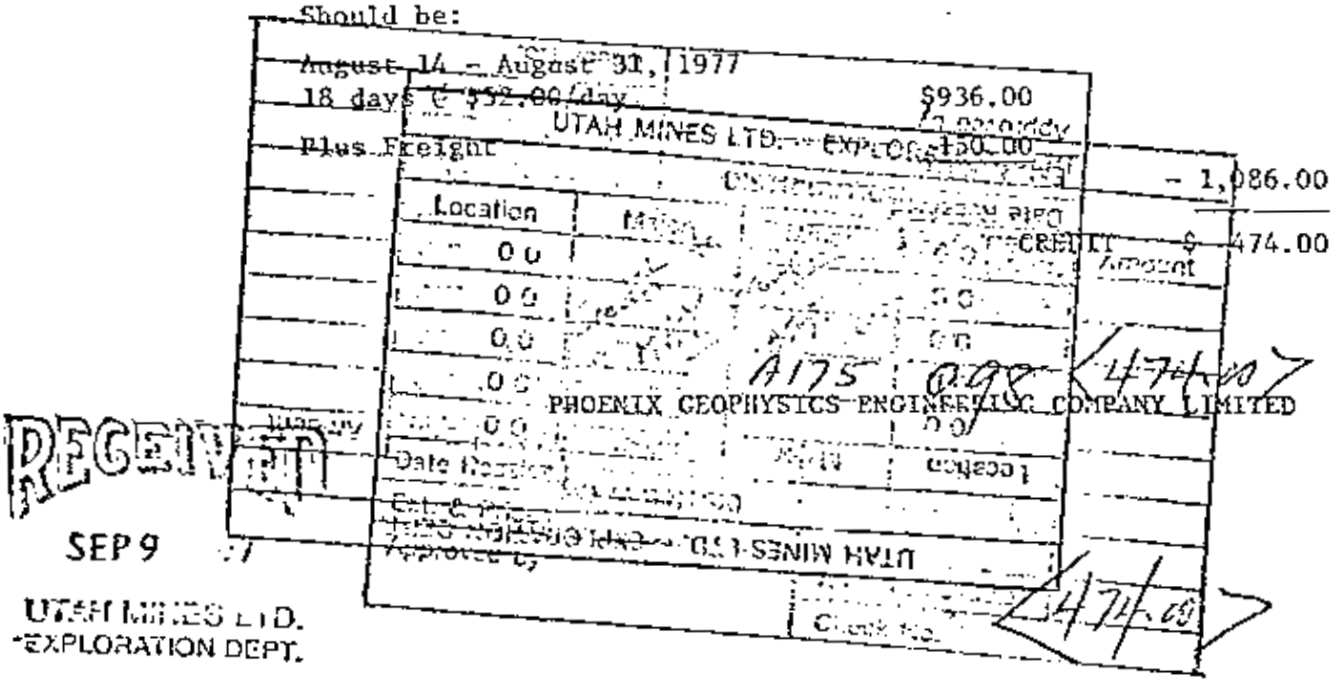
RENTAL - Unit returned August 31, 1977

PHOENIX IP SYSTEM

1 IPT1 Serial No. 7708
1 IPV1 Serial No. 7603
1 Motor Generator, MG1000 - Serial No. 7605

Rental Period Invoiced:
August 14 - September 12, 1977 $1,560.00

Should be:
August 14 - August 31, 1977
18 days @ $52.00/day $936.00
Plus Freight 150.00
- 1,086.00
CREDIT $ 474.00



RECEIVED
SEP 9
UTAH MINES LTD.
EXPLORATION DEPT.

PHOENIX Geophysics Limited

200 YORKLAND BLVD., WILLOWDALE, ONTARIO, CANADA M2J 1R6 TELEPHONE (416) 493-6350

INVOICE 053-13-01

July 25, 1977.
Invoice No. 626-E.

Utah Mines Ltd.,
Exploration Dept.,
Suite 1600,
1050 W. Pender St.,
Vancouver, B.C. V6E 3S7.

Attention: Mr. Jim Vyselaar, Geophysicist

RENTAL

PHOENIX IP System

1 IPT1 Serial No. 7708
1 IPV1 Serial No. 7603
1 Motor Generator, MG1000 Serial No. 7605.

Rental Period: July 15 - August 13, 1977. 30 days @ $52.00/day	$1,560.00
(CREDIT 7 days - re breakdown)	364.00
	1,196.00
Freight charges	256.00
(Shipped to Terrace, B.C)	$1,452.00

- 364.00
1,088.00

PHOENIX GEOPHYSICS ENGINEERING COMPANY LIMITED.

RECEIVED
JUL 27 ...

UTAH MINES LTD.
EXPLORATION DEPT.
Vancouver Office: 1424 - 355 Burrard Street, British Columbia V6C 2G8 Telephone (604) 684-2285
Tucson Office: 2430 N. Huachuca Drive, Tucson, Arizona 85705 Telephone (602) 884-8542

APPENDIX D

WORK SUMMARY

MAGNETIC SURVEY

GROUP I

Line	From	To	Length Feet	Length Meters
24S	20E	70E	5000	1525
28S	20E	70E	5000	1525
32S	20E	70E	5000	1525
36S	20E	68E	4800	1465
40S	21E	70E	4900	1495
44S	24W	68E	9200	2800
48S	26W	68E	9400	2865
52S	28W	68E	9600	2925
56S	26W	70E	9600	2925
60S	26W	70E	9600	2925
68S	26W	70E	9600	2925
76S	18W	70E	8800	2680
84S	18W	70E	8800	2680
92S	24W	70E	9400	2865
100S	23W	70E	9300	2835
108S	27W	100E	12700	3870

Total = 39.83 km

MAGNETIC SURVEY

GROUP III

Line	From	To	Length Feet	Length Meters
52N	20E	70E	5000	1525
56N	20E	70E	5000	1525
60N	20E	70E	5000	1525
64N	20E	70E	5000	1525
68N	4E	70E	6600	2010
72N	4E	70E	6600	2010
76N	4E	70E	6600	2010
80N	0	70E	7000	2135
84N	0	70E	7000	2135
88N	0	70E	7000	2135
92N	3E	70E	6800	2070
96N	3E	70E	6700	2040
104N	12W	17E	2900	885
108N	6W	47E	5300	1615
112N	5W	50E	5500	1675
120N	9W	70E	7900	2410
124N	14W	70E	8400	2560
128N	12W	70E	8200	2500
132N	10W	70E	8000	2440
			Total =	36.74 km

IP SURVEY

GROUP I

Line	From	To	Length Feet	Length Meters
24S	10E	68E	5800	1765
28S	10E	52E	4200	1280
32S	10E	52E	4200	1280
36S	12E	52E	4000	1220
40S	10E	50E	4000	1220
44S	26E	66E	4000	1220
			Total =	8.0 km

IP SURVEY

GROUP III

Line	From	To	Length Feet	Length Meters
52N	20E	29E	900	275
56N	19E	29E	1000	305
60N	23E	35E	1200	365
64N	19E	47E	2800	855
68N	19E	37E	1800	550
72N	19E	37E	1800	550
76N	19E	53E	3400	1035
80N	19E	37E	1800	550
84N	19E	37E	1800	550
88N	19E	37E	1800	550
	41E	55E	1400	425
92N	25E	37E	1200	365
	51E	57E	1600	485
96N	19E	37E	1800	550
	41E	57E	1600	485

Total = 7.90 km

GOOSE LAKE

HESS

HESS CREEK

SYMBOLS :

- CREEKS WIDTHS DEFINED
- CREEKS WIDTHS UNDEFINED, INTERMITTENT
- SWAMPS
- GRAVEL BARS
- LAKES
- BASE CAMP
- HELIPORT
- CUT LINES WITH LINE AND STATION DESIGNATED
- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with post description)
- DDH - MC-5 DIAMOND DRILL HOLE with total depth Azimuth and inclination

Contour Interval:
200 gammas >- 1500 < 1500
500 gammas < - 1500 > 1500

	< -500 gammas
	> -500 < -100 gammas
	> -100 < 300 gammas
	> 300 < 700 gammas
	> 700 < 1100 gammas
	> 1100 < 1500 gammas
	> 1500 gammas

MINERAL RESOURCES DIVISION
6875

PROFESSIONAL ENGINEERS PROVINCE OF BRITISH COLUMBIA

Figure 3

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY PROPERTY
MAGNETIC SURVEY
VERTICAL FIELD INTENSITY
BE GROUP #1

Work by	Date:	NTS Ref 104-G-7
Drawn by C. Dorbers	Revised	

100 0 100 200 300
SCALE IN METERS

CREEK

MESS

MOOSE

LAKE

MESS CREEK

SYMBOLS :

- CREEKS WIDTHS DEFINED
- CREEKS WIDTHS UNDEFINED, INTERMITTENT
- SWAMPS
- GRAVEL BARS
- LAKES
- BASE CAMP
- HELIPORT
- CUT LINES WITH LINE AND STATION DESIGNATED
- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with post description)
- DDH-MC-5 DIAMOND DRILL HOLE with total depth Azimuth and inclination

Contour Interval:

200 gammas > - 1500 < 1500

500 gammas < - 1500 > 1500

- < -500 gammas
- > -500 < -100 gammas
- > -100 < 300 gammas
- > 300 < 700 gammas
- > 700 < 1100 gammas
- > 1100 < 1500 gammas
- > 1500 gammas

MINERAL RESOURCES BRANCH ASSESSMENT REPORT

6875

Figure 4

UTAH MINES LTD.

EXPLORATION DEPARTMENT

VANCOUVER BRITISH COLUMBIA

MAY PROPERTY

MAGNETIC SURVEY

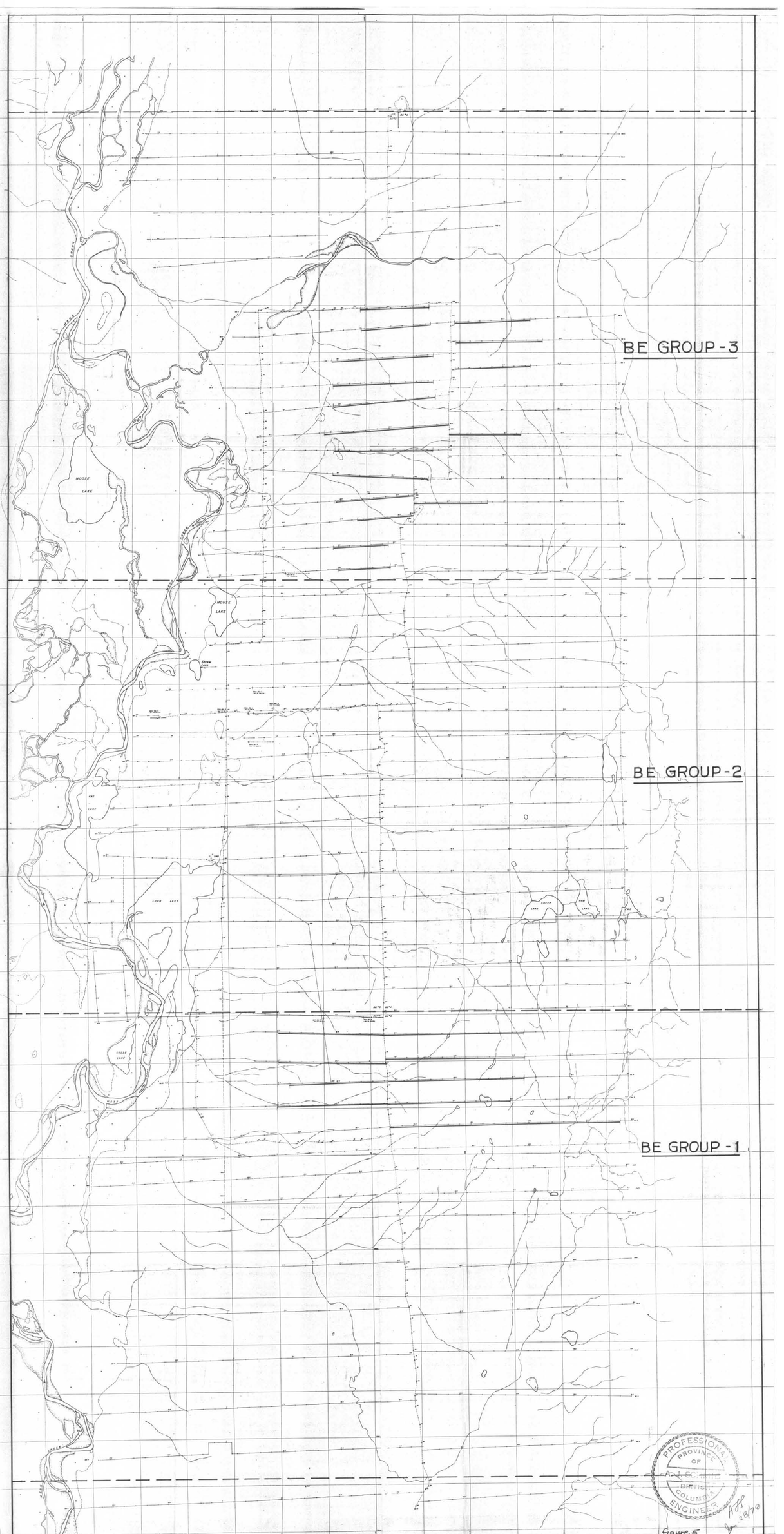
VERTICAL FIELD INTENSITY

BE GROUP # 3

Work by	Date	NTS Ref 104-G-7
Drawn by C. Bowers	Revised	

100 0 100 200 300

SCALE IN METERS



SYMBOLS :

- CREEKS WIDTHS DEFINED
- CREEKS WIDTHS UNDEFINED, INTERMITTENT
- SWAMPS
- GRAVEL BARS
- LAKES
- BASE CAMP
- HELIPORT
- CUT LINES WITH LINE AND STATION DESIGNATED
- BASE LINE
- CLAIM BOUNDARY (Surveyed and Unsurveyed with claim designation)
- DDH-MC-5 DIAMOND DRILL HOLE with total depth Azimuth and inclination

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6875

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PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA

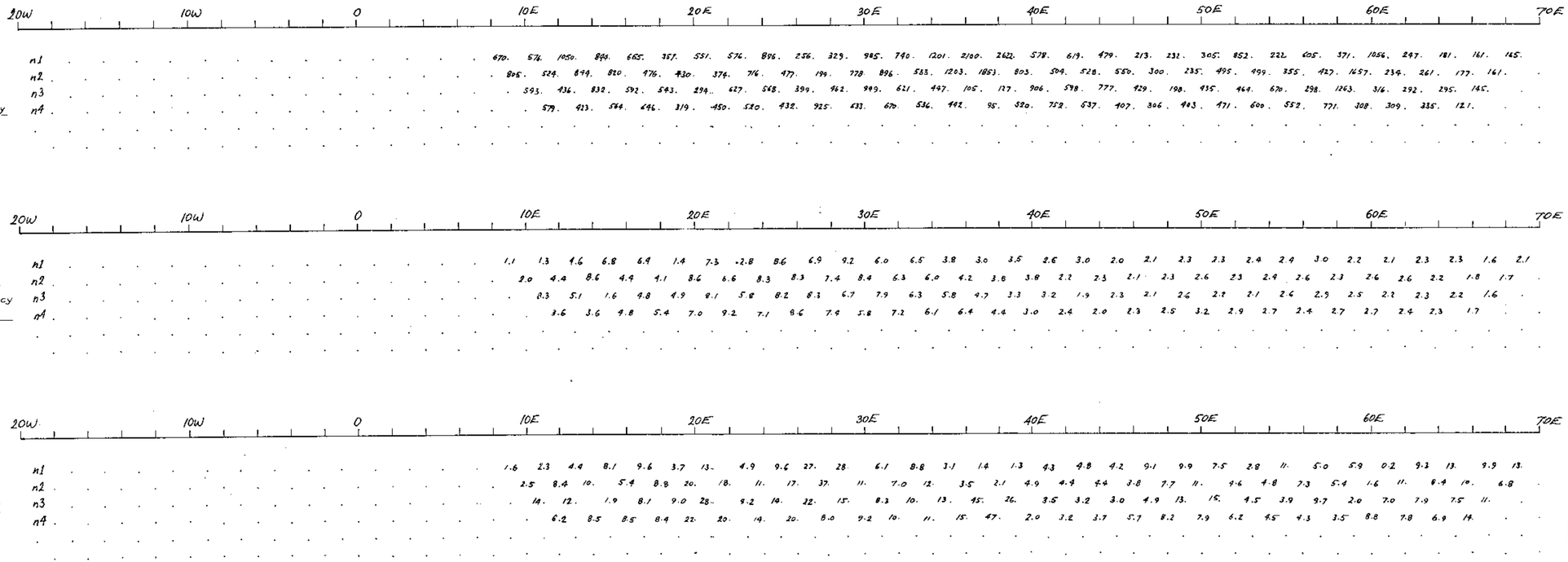
Figure 5

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY PROPERTY
IP PROFILE
LOCATION MAP

Work by
Drawn by C.Cameron
Date :
Revised :
NTS Ref 104-G-7

100 0 100 200 300
SCALE IN METERS

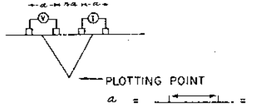


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 24+00 S

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

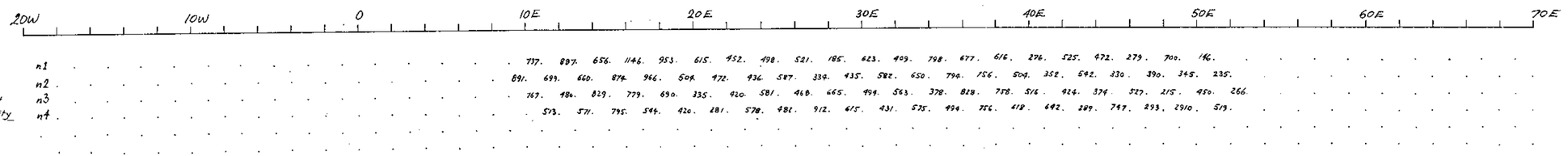
NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

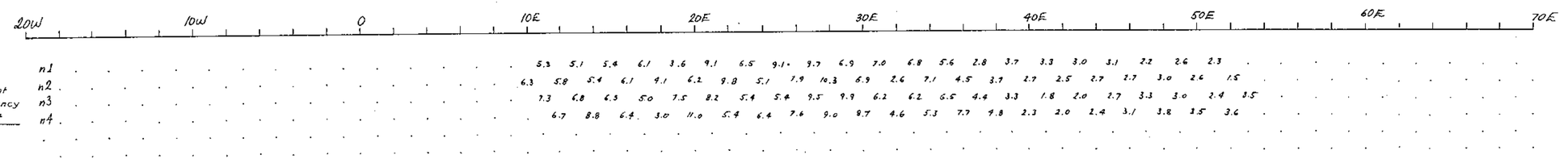
Fig. 6

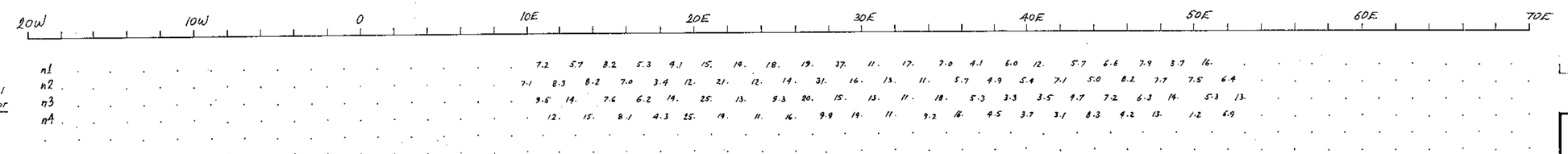
UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised:	





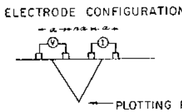


INDUCED POLARIZATION
AND RESISTIVITY SURVEY

AREA _____

LINE 28+00S

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF
ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

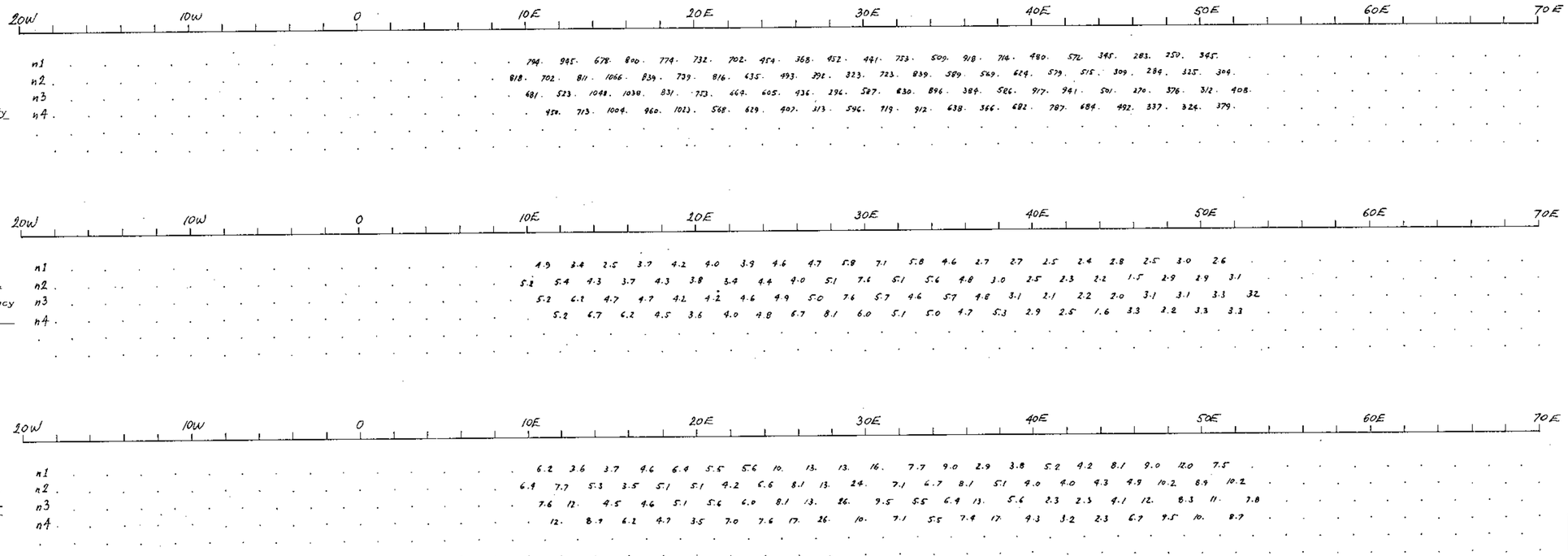
6875

Fig. 7

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION
PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised:	

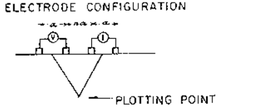


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA

LINE 32+00S

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite

probable

possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logorithmic Intervals
1-1.5-2-3-5-7.5-10

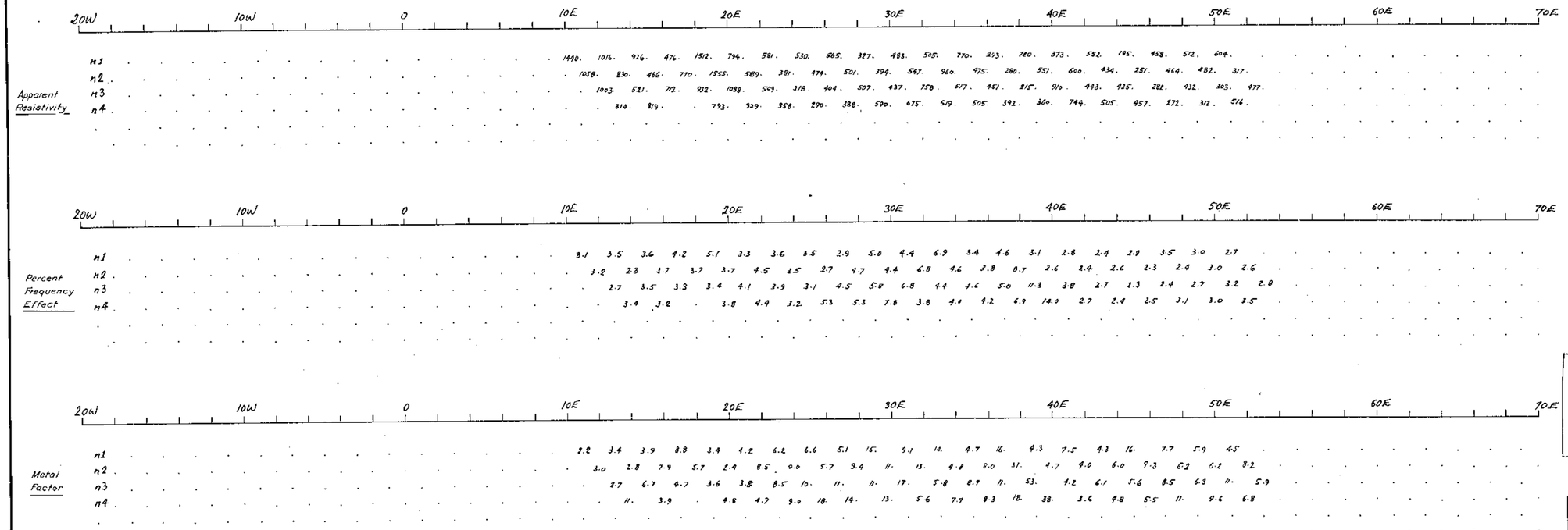
6875

Fig. 8

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised:	

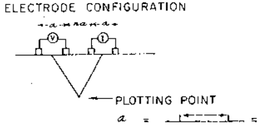


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA

LINE 36+00S

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite

probable

possible

FREQUENCIES 0.3 - 5.0 HZ

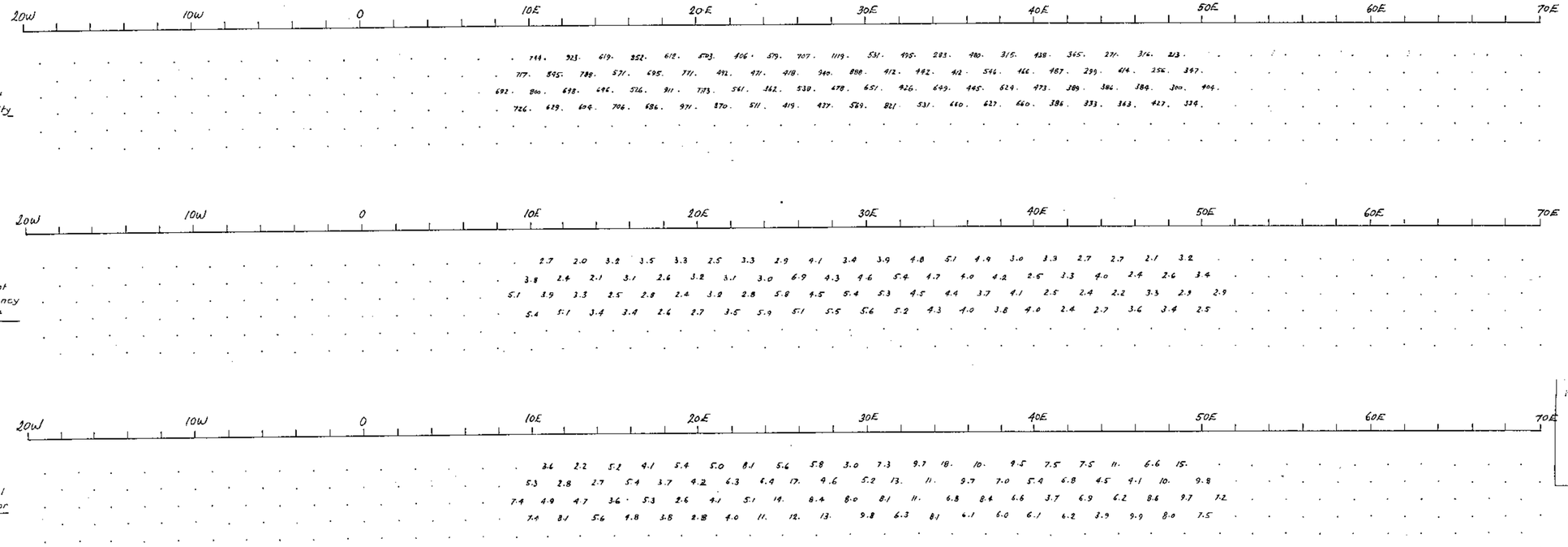
NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

Fig. 9

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised:	

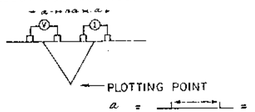


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 40+00 S

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

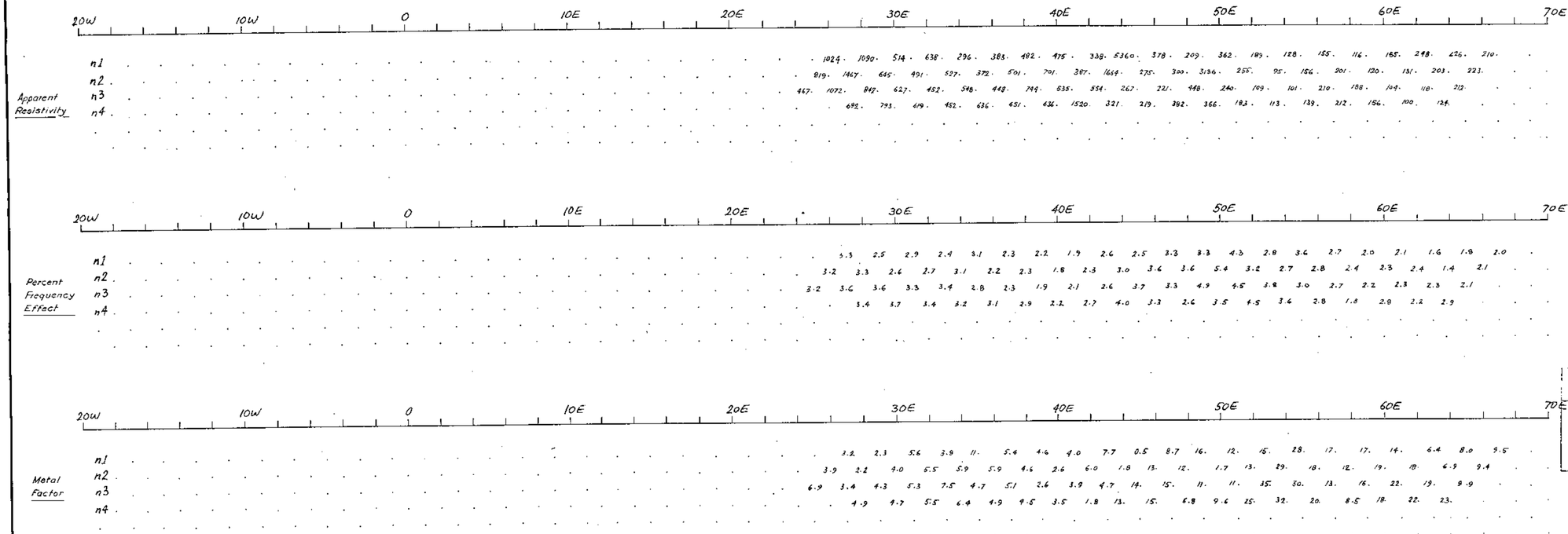
NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

Fig. 10

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by :	Date :	NTS Ref.
Drawn by :	Revised	

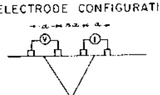


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA

LINE 44+00 S

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

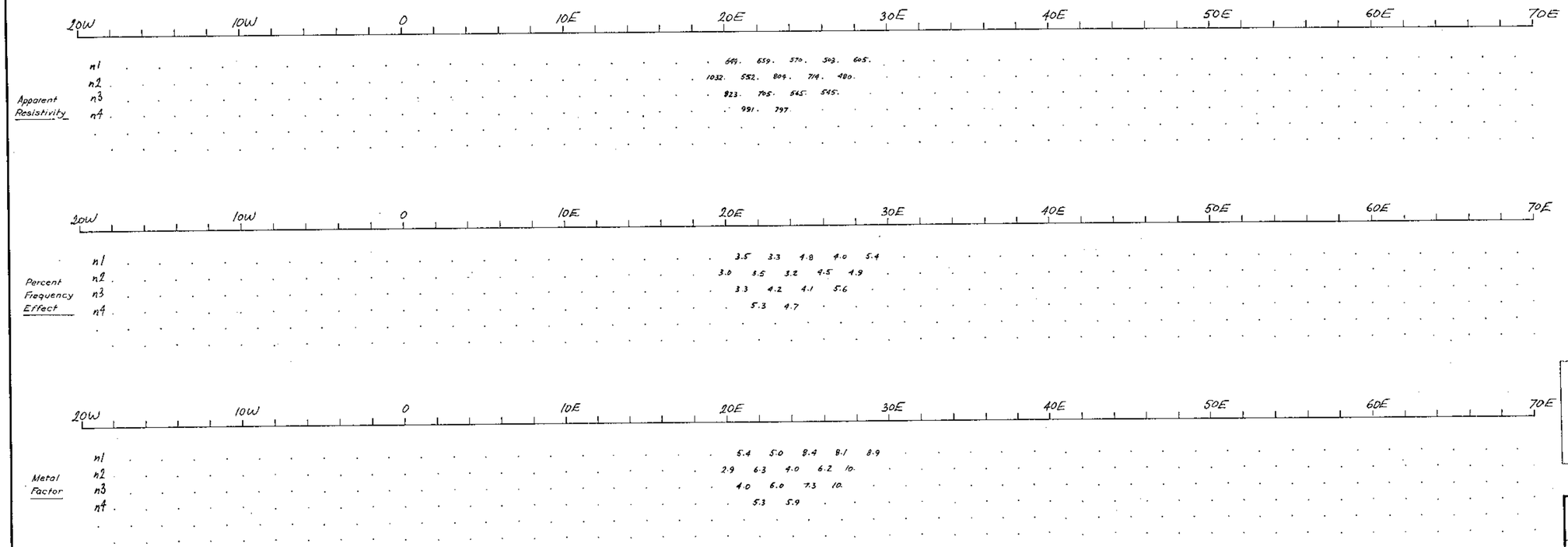
NOTE:
Contours of Logarithmic Intervals
1-1.5-2-3-5-7.5-10

Fig. 11

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised	

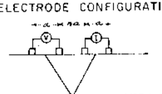


INDUCED POLARIZATION
AND RESISTIVITY SURVEY

AREA

LINE 52+00N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF
ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

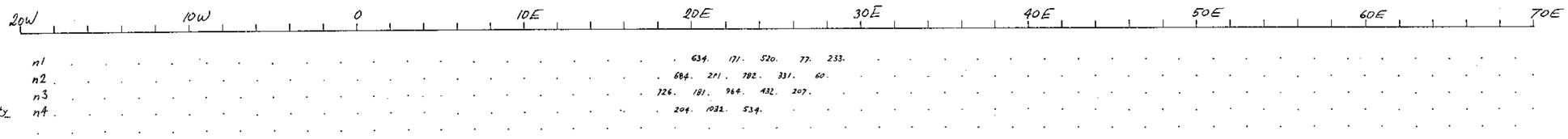
NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

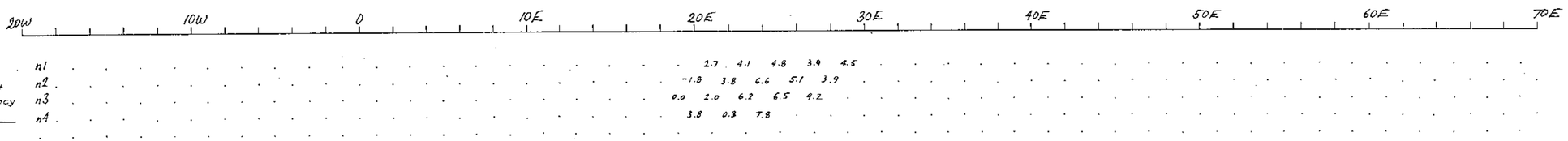
Fig. 12

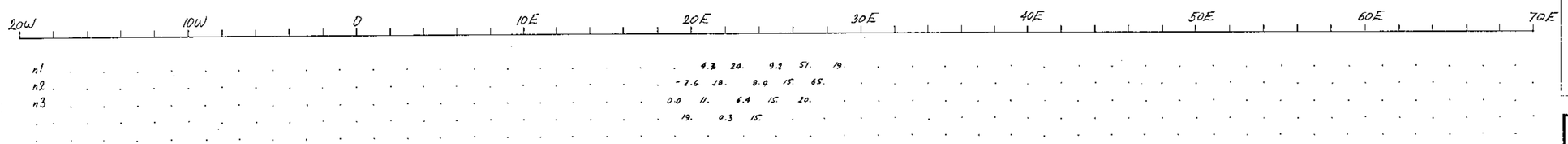
UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by	Date	NTS Ref.
Drawn by	Revised	





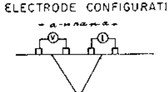


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 56+00N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

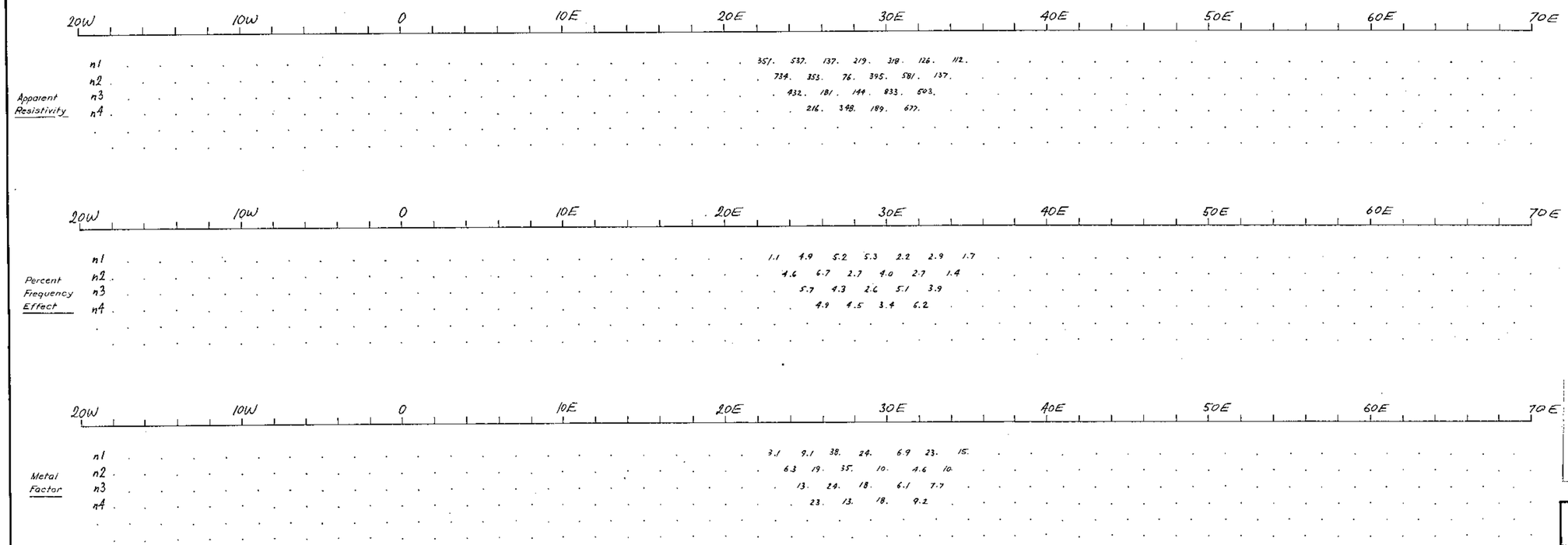
6875

Fig. 13

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by	Date	NTS Ref.
Drawn by	Revised	

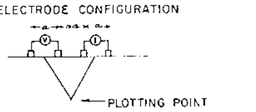


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA

LINE 60+00N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite

probable

possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

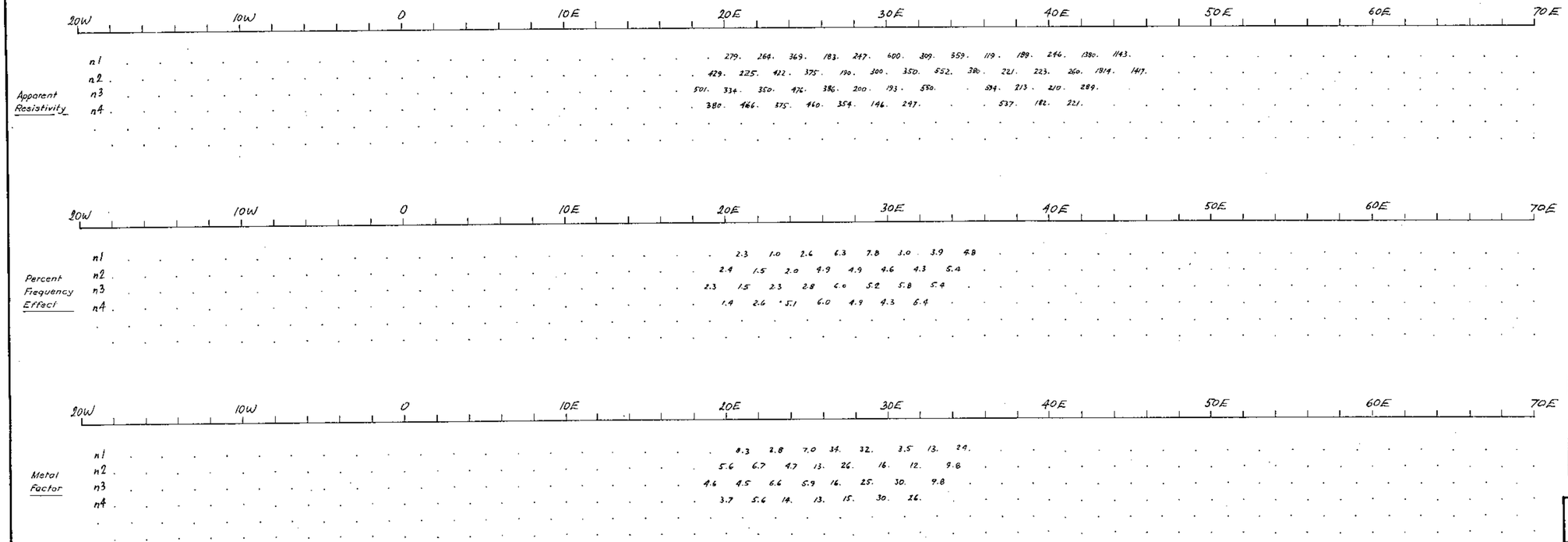
6875

Fig. 14

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised:	

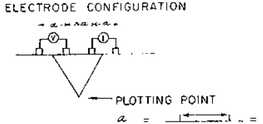


INDUCED POLARIZATION
AND RESISTIVITY SURVEY

AREA _____

LINE 64 + 00 N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF
ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logorithmic Intervals
1-1.5-2-3-5-7.5-10

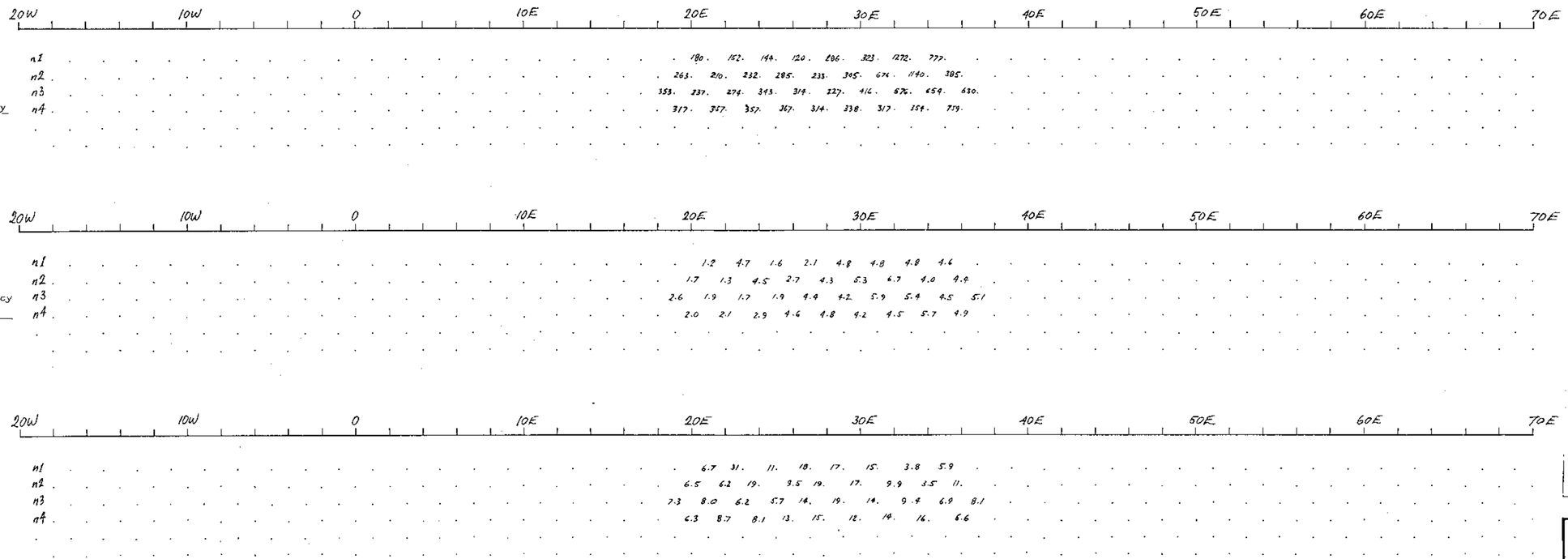
6875

Fig. 15

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION
PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised:	

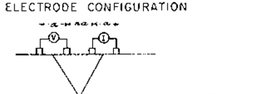


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 68+00N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours of Logarithmic Intervals
1-1.5-2-3-5-7.5-10

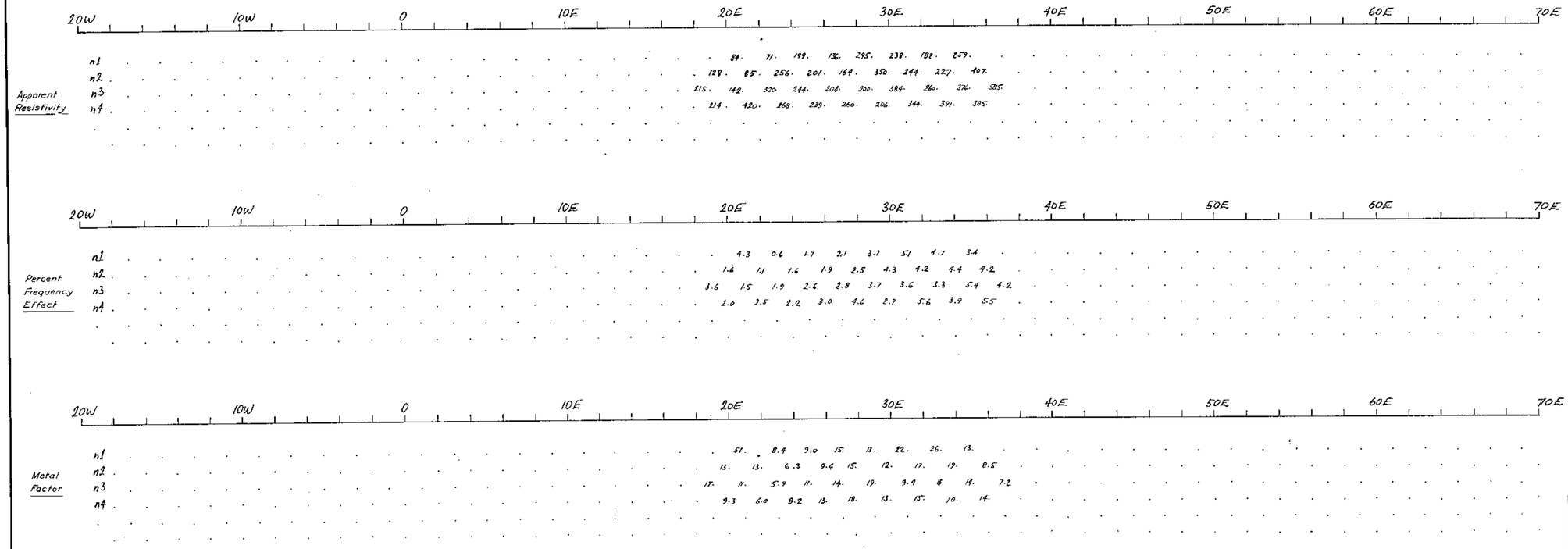
6875

Fig. 16

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref:
Drawn by:	Revised:	

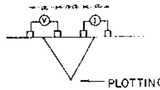


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA

LINE 72+00 N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite

probable

possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logorithmic Intervals
1-1.5-2-3-5-7.5-10

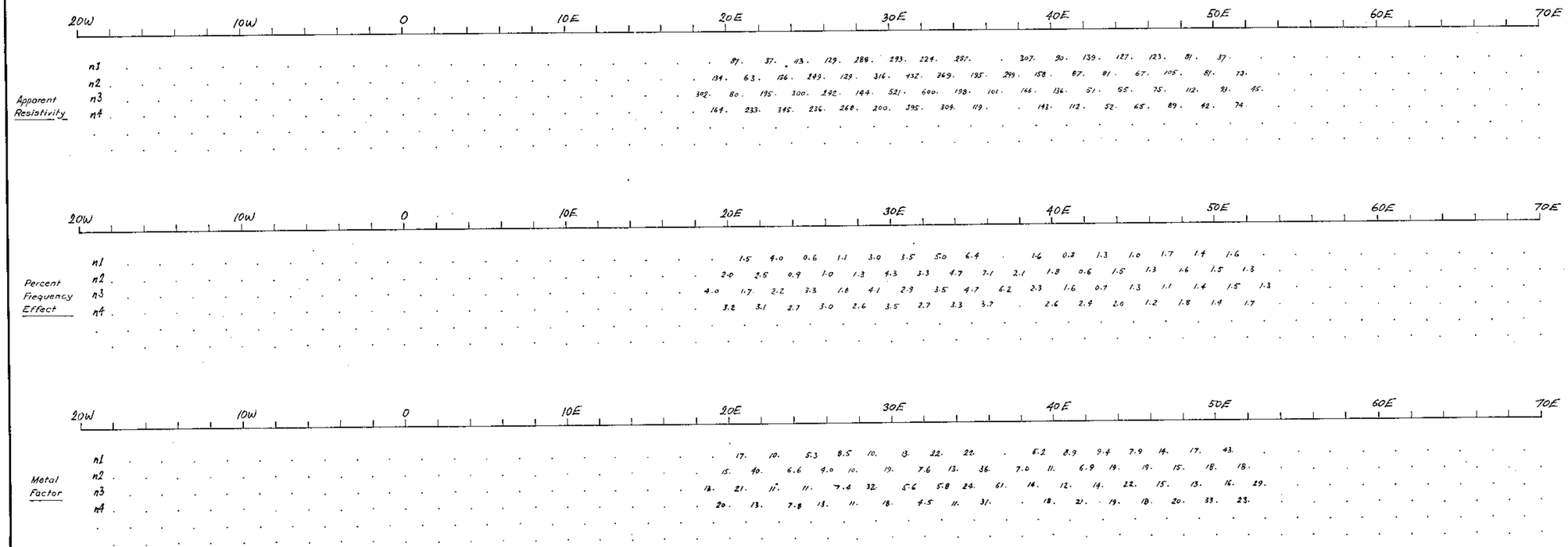
6875

Fig. 17

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised	

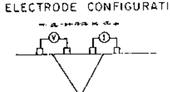


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 76+00N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

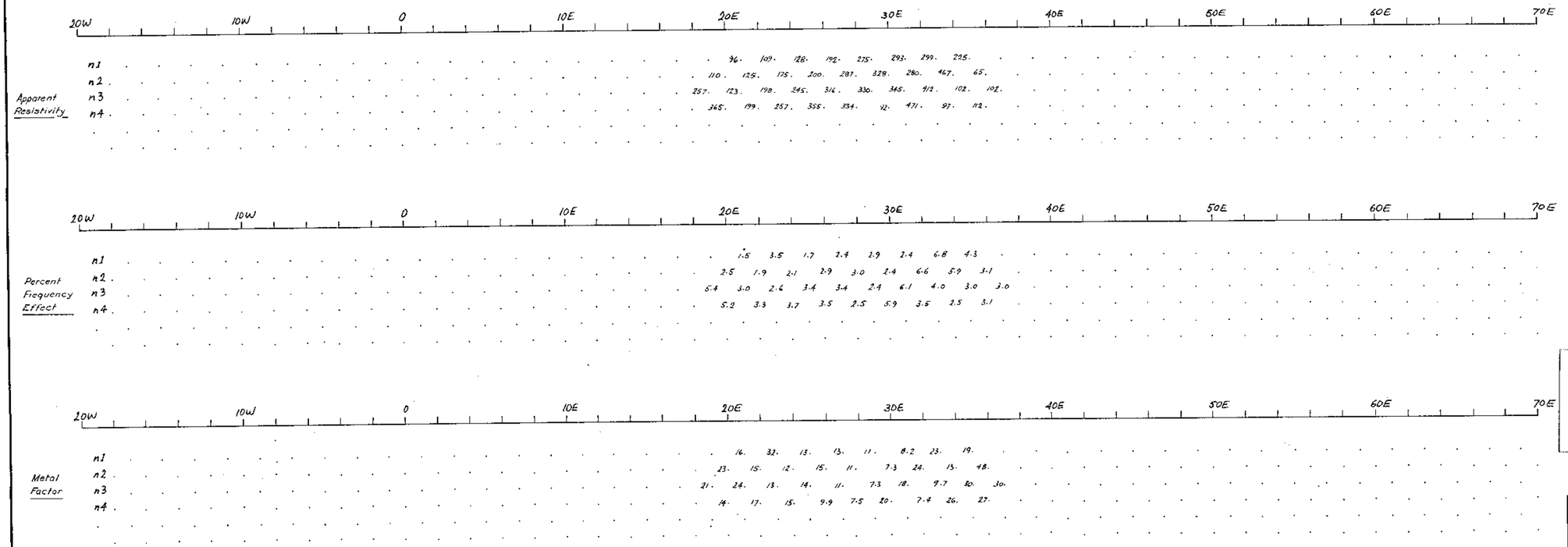
6875

Fig. 18

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by :	Date :	NTS Ref.
Drawn by :	Revised.	

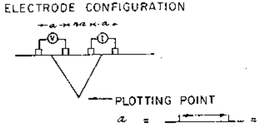


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 80+00N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

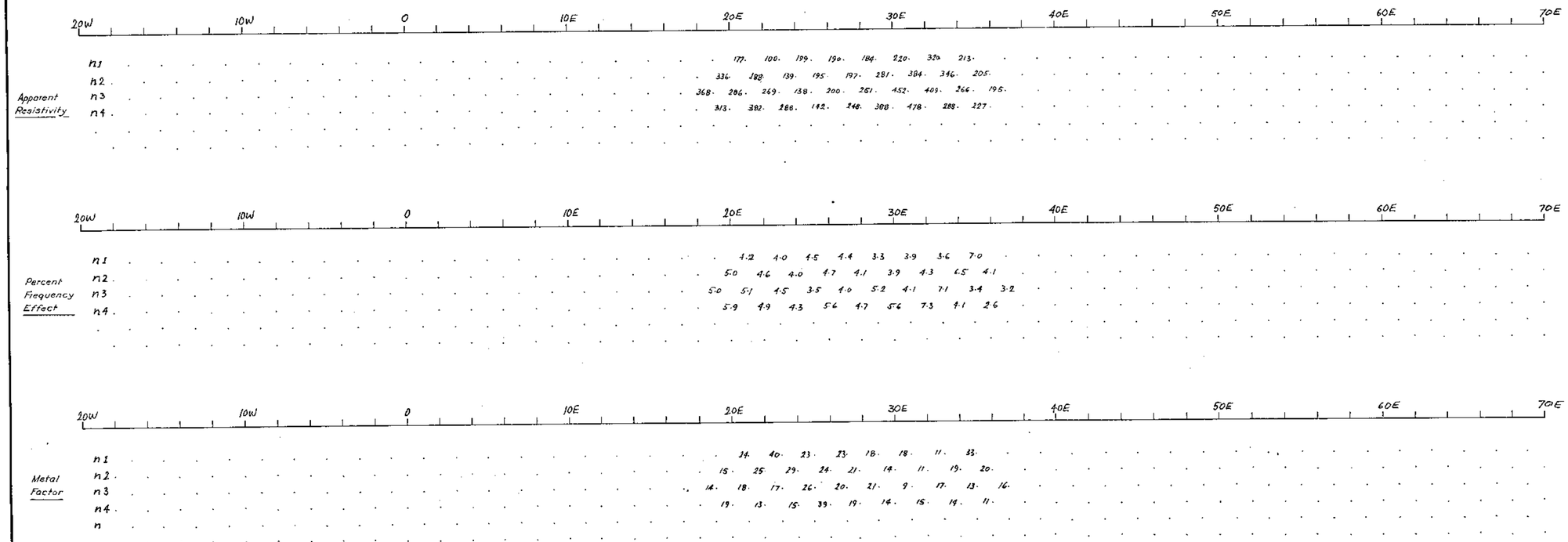
RECEIVED
NO. 6875

Fig. 19

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised	

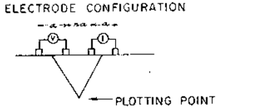


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 84+00N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

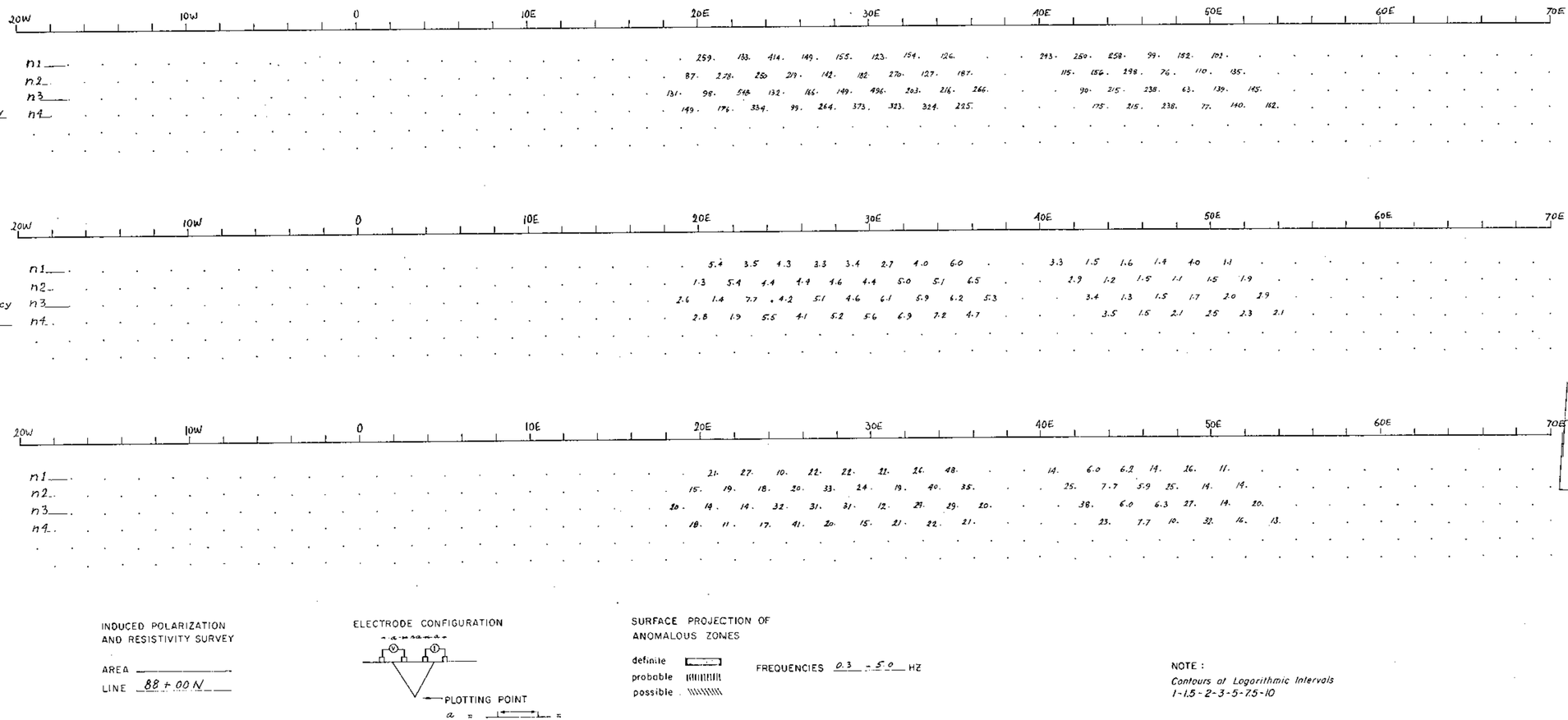
NO. 6875

Fig. 20

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref
Drawn by:	Revised:	



INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 88 + 00 N

ELECTRODE CONFIGURATION

SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

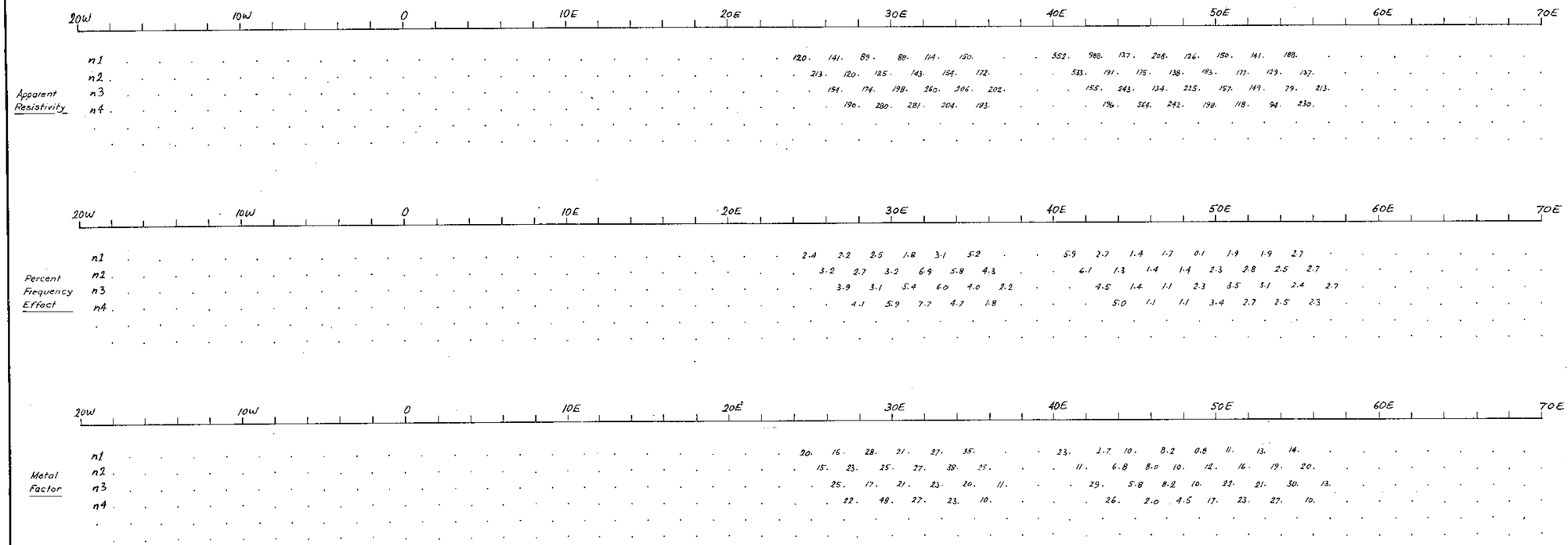
NOTE :
Contours at Logorithmic Intervals
1-1.5-2-3-5-7.5-10

Fig. 21

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised	

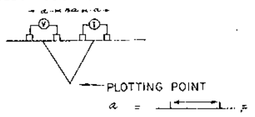


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 92+00N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE :
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

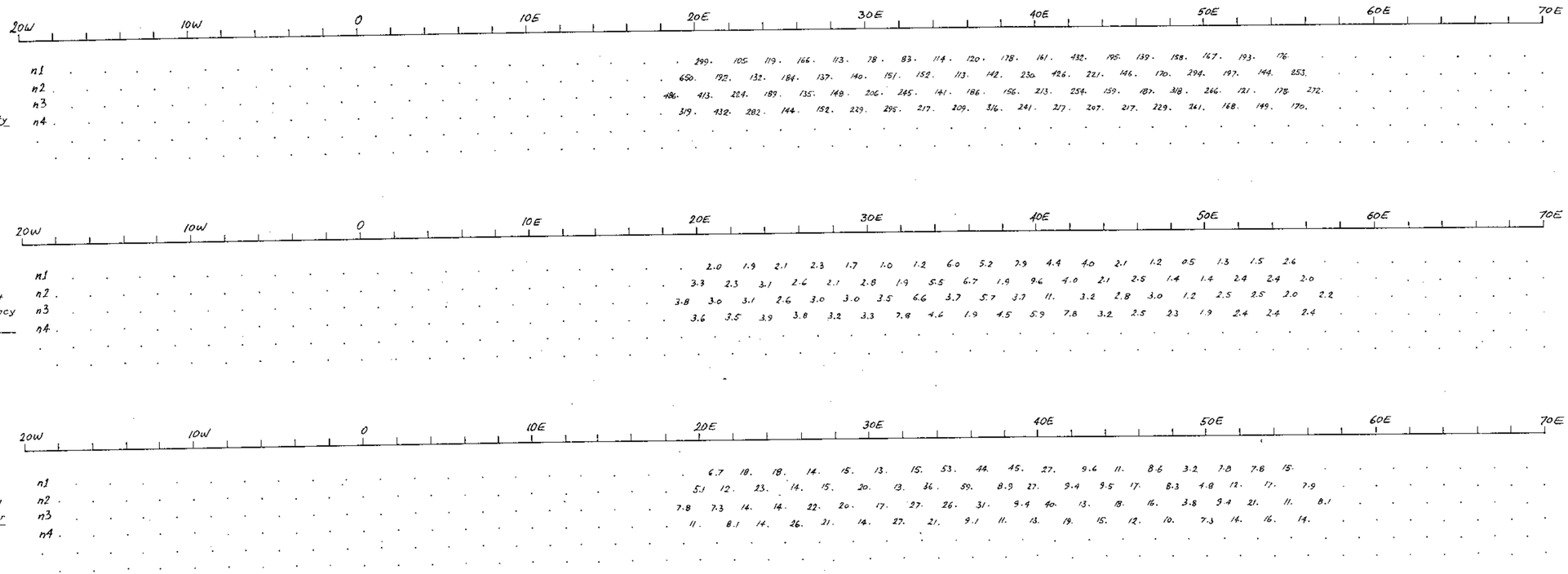
6875

Fig. 22

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref
Drawn by:	Revised	

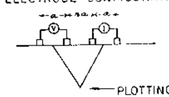


INDUCED POLARIZATION AND RESISTIVITY SURVEY

AREA _____

LINE 9600N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONIES

definite
probable
possible

FREQUENCIES 0.3 - 5.0 HZ

NOTE:
Contours at Logarithmic Intervals
1-1.5-2-3-5-7.5-10

Fig. 23

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

MAY GROUP
INDUCED POLARIZATION PROFILE

Work by:	Date:	NTS Ref.
Drawn by:	Revised:	