

821528

RAMSEY CREEK PROJECT REPORT

1969

by

W. M. Sirola, P.Eng. 93C9D

RAMSEY CREEK PROJECT REPORT - 1969

W. M. Sirola,
Jan. 15, 1970.

APPENDIX I

LIST OF I.P. PROFILES

L-28+00N

L-24+00N

L-20+00N

L-16+00N

L-12+00N

L- 8+00N

L- 4+00N

L- 0+00N

L- 4+00S

L- 8+00S

APPENDIX II

LIST OF ACCOMPANYING MAPS

- 1) I.P. Survey, Chargeability Plan Scale 1" = 400'
- 2) I.P. Survey, Resistivity Plan Scale 1" = 400'
- 3) Geochemical & I.P. Survey Scale 1" = 100'
- 4) Ramsey Creek Property,
1970 Proposed Diamond Drilling Scale 1" = 400'
- 5) Ramsey Creek Project,
Nicodemus Showing,
1970 Proposed Drilling Scale 1" = 100'

TO: P. M. KAVANAGH
FROM: W. M. SIROLA
SUBJECT: RAMSEY CREEK (1969) I. P. SURVEY

INTRODUCTION:

In the interval June 22nd to August 13th, 1969, Ted LaRose assisted by Karl Huska and Bob Young completed 8.5 miles of I.P. survey in the vicinity along the northeast contact of the Groyd Creek pluton. This work was augmented by the collection of 113 soil and silt samples in a period when LaRose was incapacitated due to illness. LaRose and his crew cut 11 miles of picket line prior to the survey.

PURPOSE OF PROGRAM:

It was felt that exploratory work in the 1968 season had not been done on the perimeters of the Groyd Creek pluton largely because these perimeters had not been located due to an overlying capping of Mesozoic volcanics. These volcanics are not omnipresent but rather occur in the form of roof pendants on what is thought to be the top of the pluton. There is a tendency for pyritization to occur within these volcanic remnants and this fact tended to obscure the true position of the intrusive contact.

Magnetic work during 1968 led us to believe that we knew approximately where the northeast contact should occur and we therefore

felt that additional I.P. work would tend to corroborate this thinking and perhaps would also indicate the position of an authentic pyritic halo near the intrusive contact.

EQUIPMENT USED:

The I.P. instrument was assembled for Kerr Addison Mines by Mr. Stan Maurer of Sabre Electronics in Vancouver. The instrument is a portable time-domain unit energized by a leak-proof 12-volt rechargeable battery.

For convenience sake, the Wenner configuration using 400-foot electrode separation was used throughout the survey.

CLAIMS COVERED BY SURVEY:

Boom #21, 22, 23, 24, 25, 26, 31, 32, 33, 34 and 38.

Wilf #4, 6, 9, 10, 11 and 12.

RESULTS OF SURVEY AND INTERPRETATION THEREOF:

A concentric pattern of I.P. highs was found in the vicinity of Line 35E and extending from Line 4N to Line 32N. These highs ranged from 19.4 milliseconds to 25 milliseconds against a background of 4 to 5 milliseconds. In other words, the highs are approximately five times background values.

Resistivities in the vicinity of the I.P. highs ranged

from 1,000 to 3,200 ohm-feet. The average of these resistivities would be approximately 1,650 ohm-feet which is distinctly low for the survey area involved. In the vicinity of strongly magnetic andesites, resistivities increase to the 10,000+ ohm-feet range.

As mentioned earlier, these I.P. highs are thought to be caused by pyritization in the vicinity of the intrusive contact. In fact, pyritized andesite occurs on Line 8N at 32E, biotite andesite intruded by diorite containing 3% pyrite occurs on Line 12N at 35E and volcanic tuff mineralized with chalcopyrite and pyrite occurs at Line 28N (1005 - 35E). At this location, there is also a coarse grained dacite porphyry dyke.

RECOMMENDATIONS:

Because of the high cost of flying heavy drilling equipment into the property, we have elected for 1970 to attempt drilling with a portable Winkie drill. Our plan is to spot the first two holes on the 22 millisecond high on Line 4N at 25E. The first of these holes will be drilled south at 45° toward the high and the second hole will be drilled north at the same angle. A similar pattern is planned for the 22 millisecond high on Line 8N at 34E. Again, the two holes here will be drilled toward the anomaly at 45° and away from it at the same angle. The third 2-hole sequence will be located at Line 16N at 34+50E and the first hole will again be drilled into the heart of

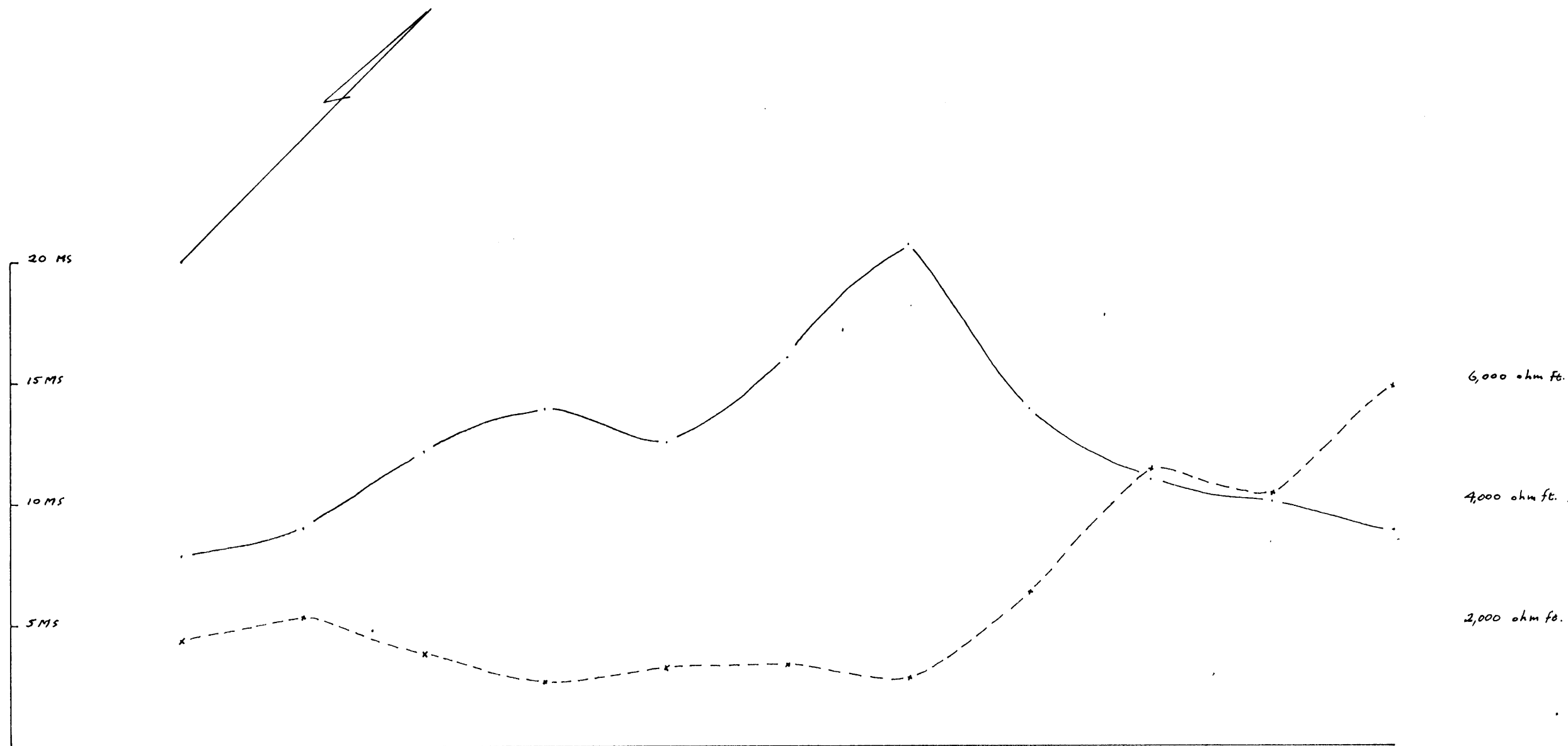
the anomaly at -45° and the second hole will be drilled the opposite direction at the same angle.

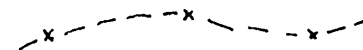
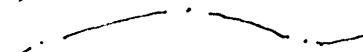

We also contemplate one 60° hole on the tetrahedrite showing on Nicodemus Creek.

W. M. Sirola.

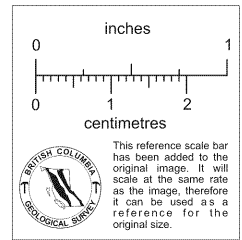
WMS/lk

21E 23E 25E 27E 29E 31E 33E 35E 37E 39E 41E

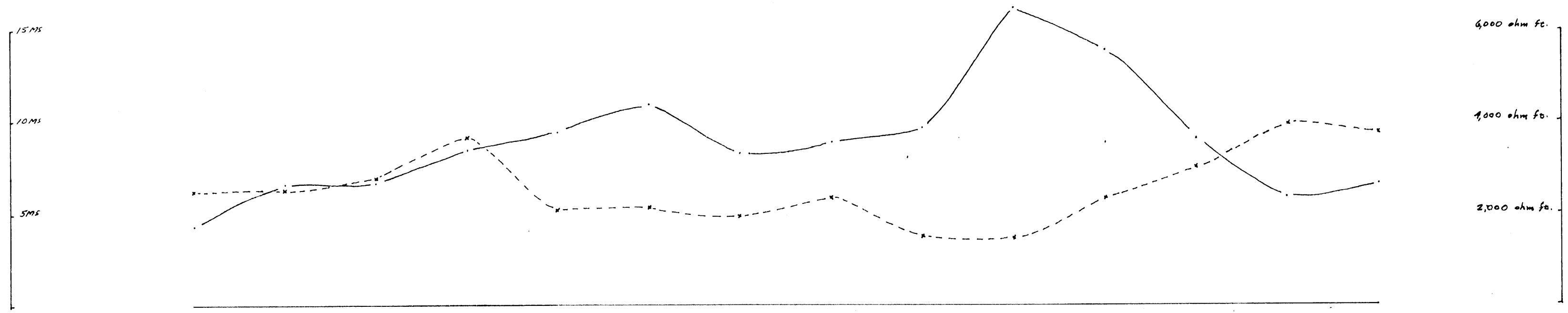
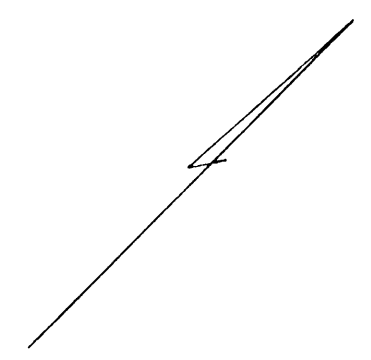


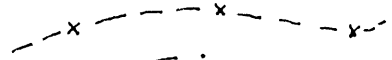


RESISTIVITY ohm ft. 
 I.P. MILLISECONDS 
 WENNER ARRAY
 ELECTRODE SPACING $a = 400'$
 MAGNETIC HIGH 1500 $\gamma +$ 

L-28+00N

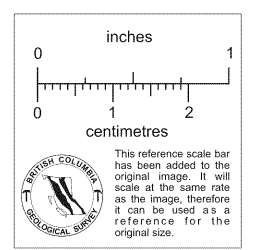


15E 17E 19E 21E 23E 25E 27E 29E 31E 33E 35E 37E 39E 41E

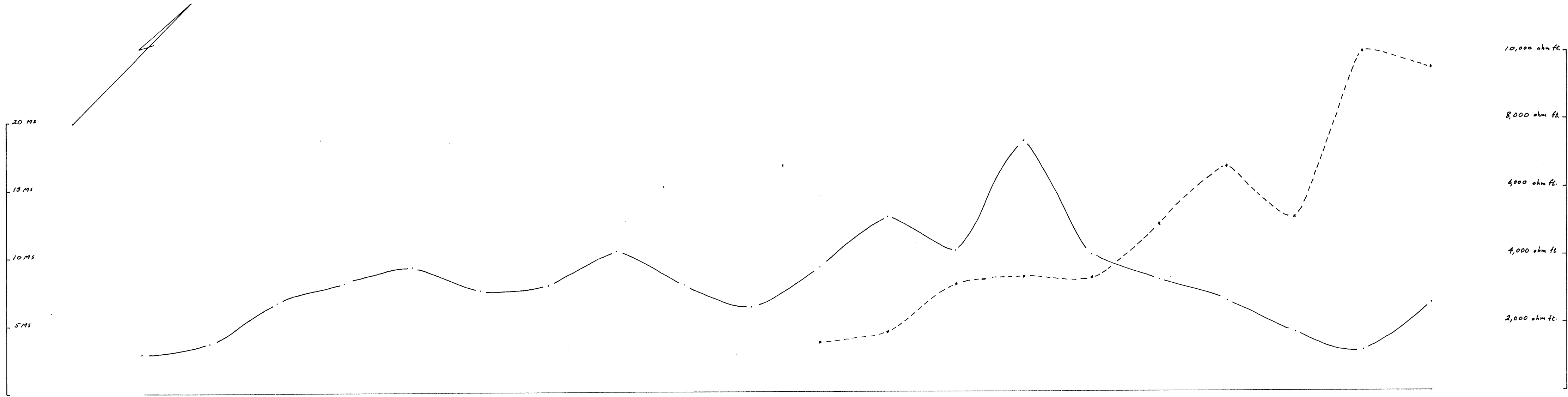


RESISTIVITY ohm ft. 
 I.P. MILLISECONDS 
 WENNER ARRAY
 ELECTRODE SPACING $a = 400'$
 MAGNETIC HIGH 1500 γ 

L-24-00N

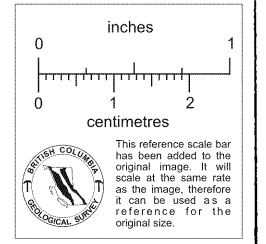


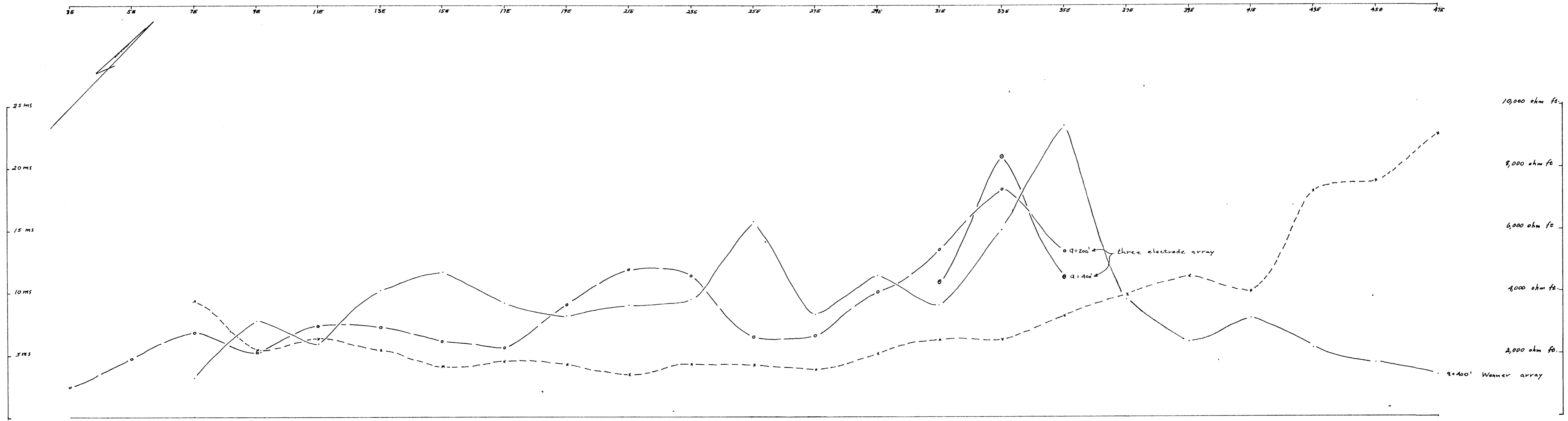
9E 11E 13E 15E 17E 19E 21E 23E 25E 27E 29E 31E 33E 35E 37E 39E 41E 43E 45E 47E

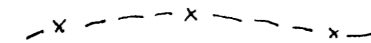
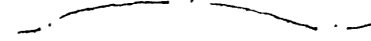



RESISTIVITY ohm feet
 I.P. MILLISECONDS
 WENNER ARRAY
 ELECTRODE SPACING $a = 400'$
 MAGNETIC HIGH $1500 \gamma +$

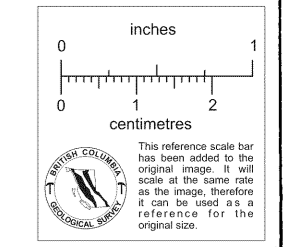
L-20+00N



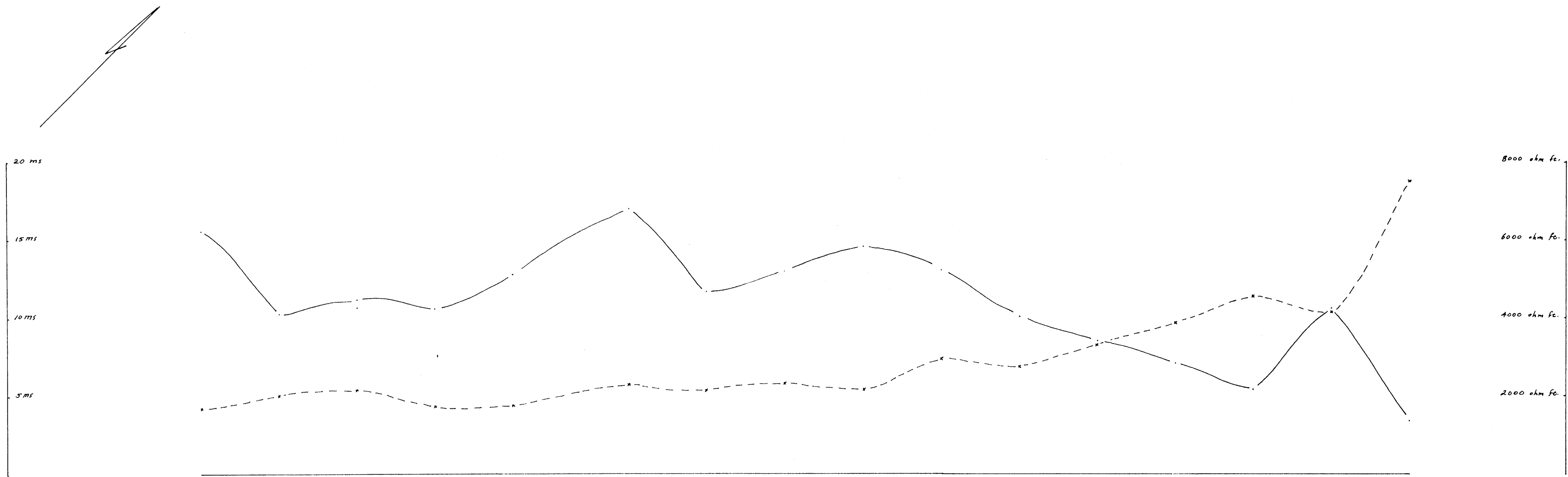


RESISTIVITY ohm feet 
 I.P. MILLISECONDS 
 WENNER ARRAY
 ELECTRODE SPACING a = 400 feet
 MAGNETIC HIGH 1500 γ 

L-16+00N



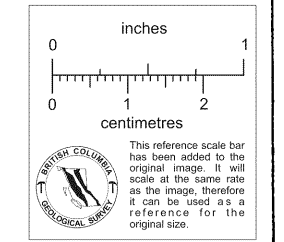
16E 17E 19E 21E 23E 25E 27E 29E 31E 33E 35E 37E 39E 41E 43E 45E 47E



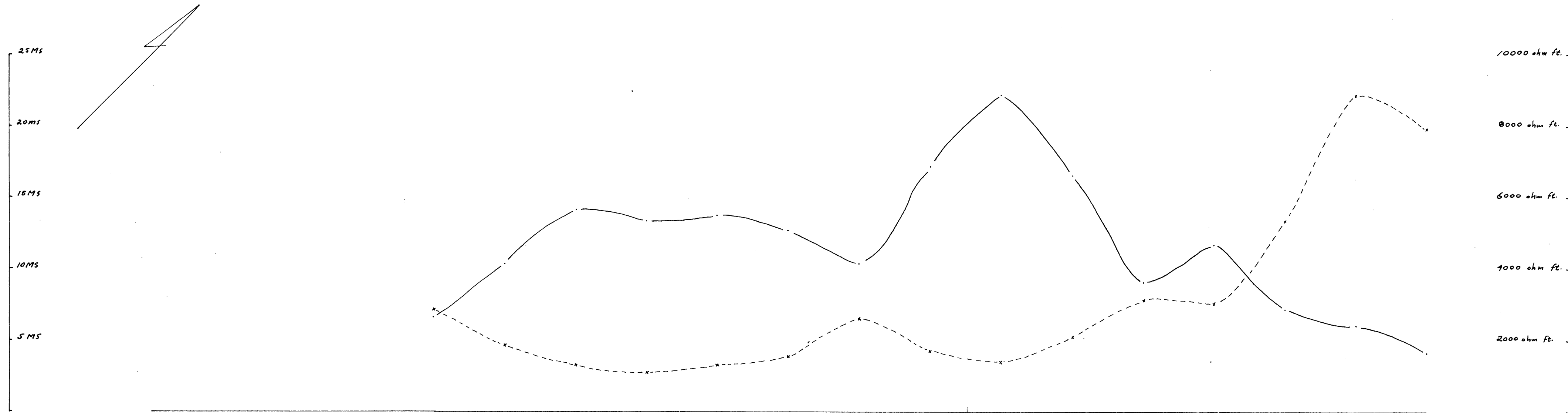
RESISTIVITY ohm feet
 I.P. MILLISECONDS
 WENNER ARRAY
 ELECTRODE SPACING $a = 400$
 MAGNETIC HIGH 1500 γ +



L-12+00N

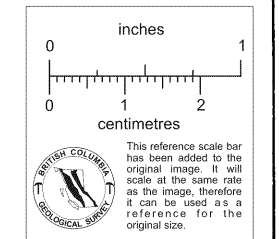


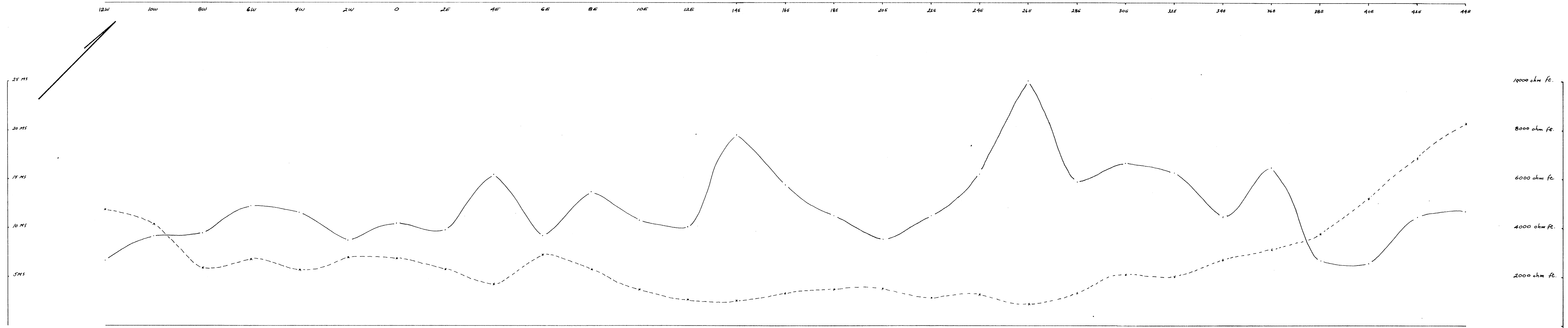
11E 13E 15E 17E 17E 19E 21E 23E 25E 27E 31E 33E 35E 37E 37E 41E 43E 45E 47E

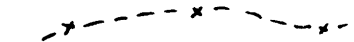




RESISTIVITY ohm feet
 I.P. MILLISECONDS
 WENNER ARRAY
 ELECTRODE SPACING $a = 400'$
 MAGNETIC HIGH $1500 \gamma +$

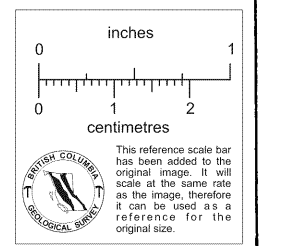
L-8+00N



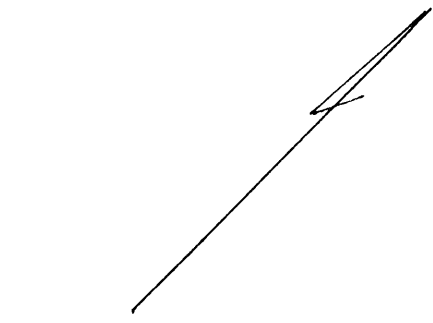


RESISTIVITY ohm ft. 
 I.P. MILLISECONDS 
 WENNER ARRAY
 ELECTRODE SPACING $a = 400'$
 MAGNETIC HIGH 1500γ+ 

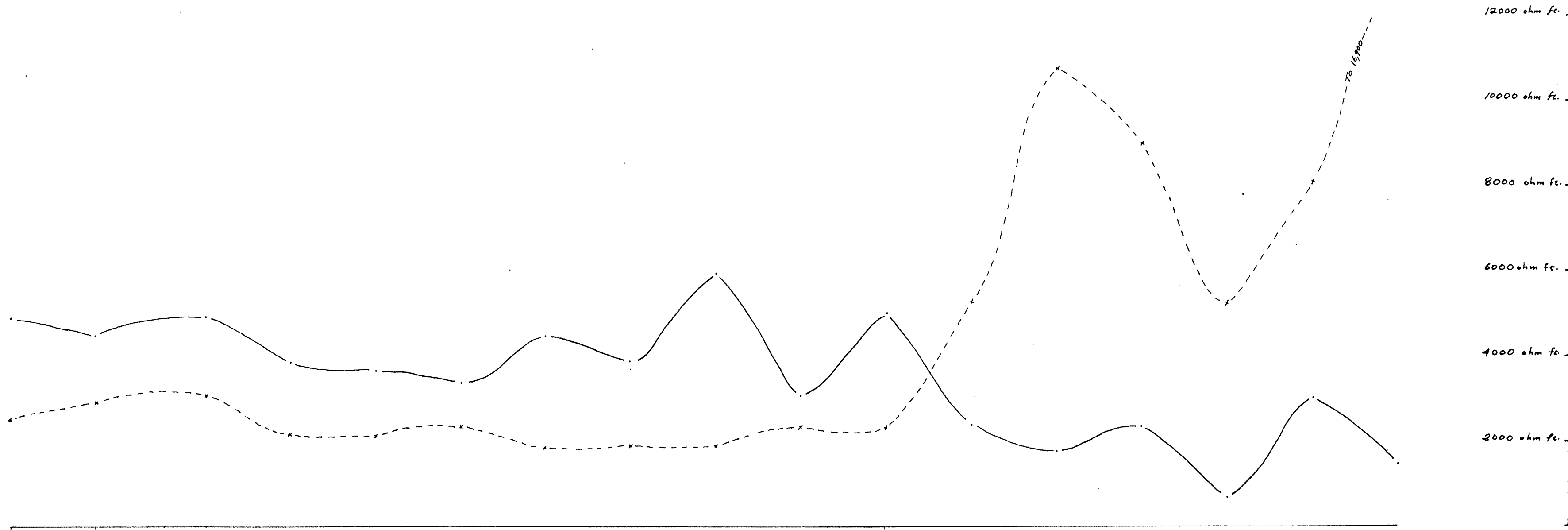
L-4-00N



12E 14E 16E 18E 20E 22E 24E 26E 28E 30E 32E 34E 36E 38E 40E 42E 44E



15MS
10MS
5MS



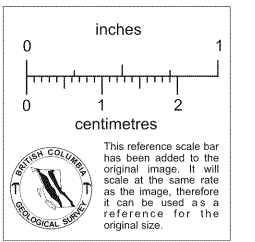
12000 ohm ft.
10000 ohm ft.
8000 ohm ft.
6000 ohm ft.
4000 ohm ft.
2000 ohm ft.

RESISTIVITY ohm ft.
I.P. MILLISECONDS
WENNER ARRAY
ELECTRODE SPACING
MAGNETIC HIGH

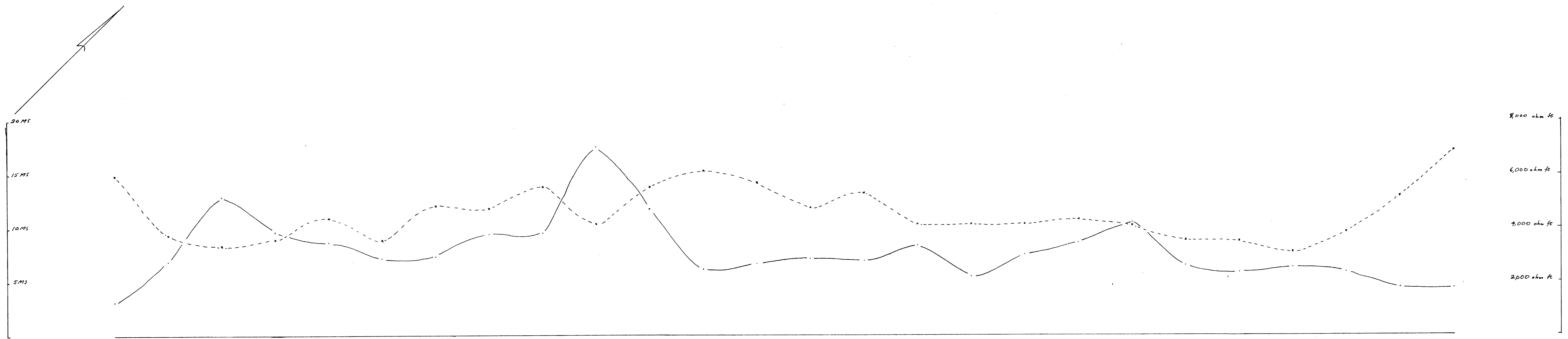


$a = 400'$
1500 γ +

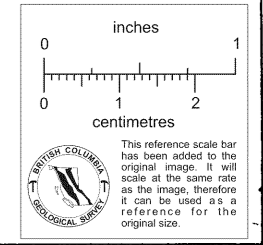
L-0+00



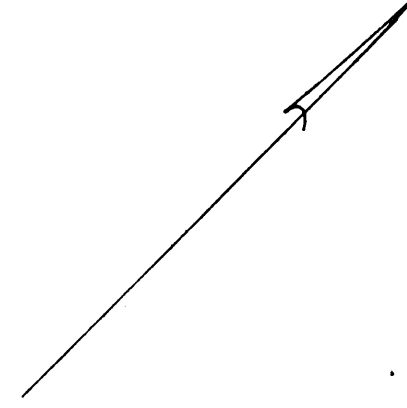
14W 12W 10W 9W 6W 4W 2W 0 2E 4E 6E 8E 10E 12E 14E 16E 18E 20E 22E 24E 26E 28E 30E 32E 34E



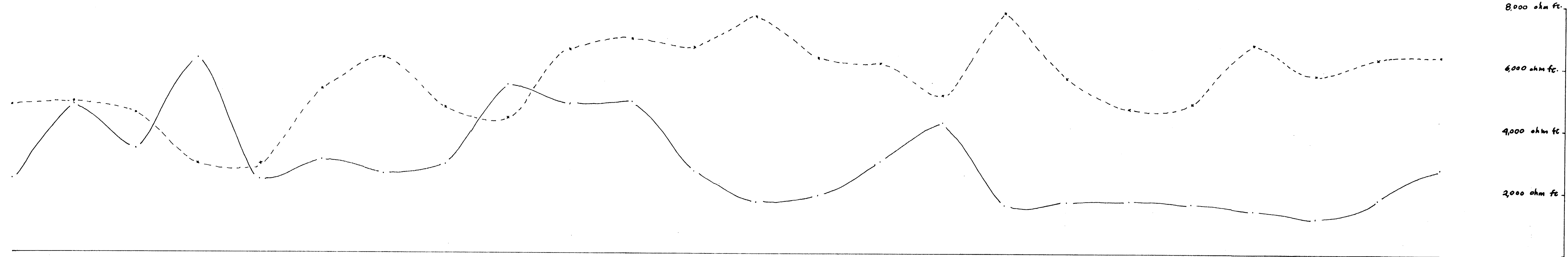
L-4+00S


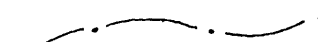



12W 10W 8W 6W 4W 2W 0 2E 4E 6E 8E 10E 12E 14E 16E 18E 20E 22E 24E 26E 28E 30E 32E 34E

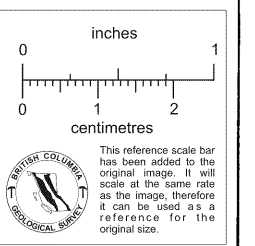


15 MS
10 MS
5 MS

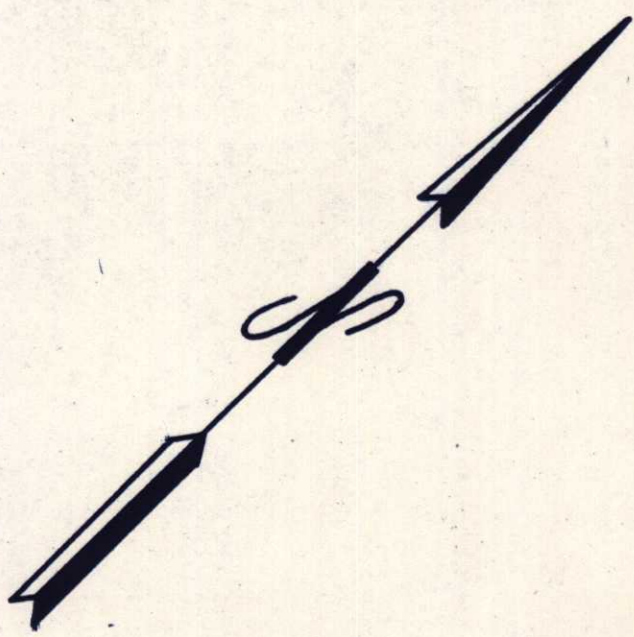


RESISTIVITY ohm ft. 
 I.P. MILLISECONDS 
 WENNER ARRAY
 ELECTRODE SPACING $a = 400'$
 MAGNETIC HIGH 1500 γ + 

L-8+00S



16W 12W 8W 4W 0 4E 8E 12E 16E 20E 24E 28E 32E 36E 40E 44E 48E 52E 56E



Untested by drill

Untested by drill

L 36 N
L 32 N
L 28 N
L 24 N
L 20 N
L 16 N
L 12 N
L 8 N
L 4 N
L 0
L 4 S
L 8 S

BOOM CREEK

GROYD CREEK

RAMSEY CREEK

Swampy
unexplored by I.P. or drill

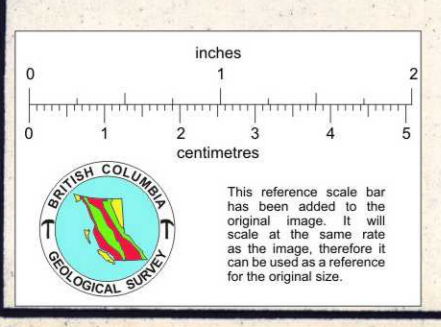
70-1 Diamond Drill Hole

L 32S
L 36S
L 40S
L 44S
L 48S
L 52S

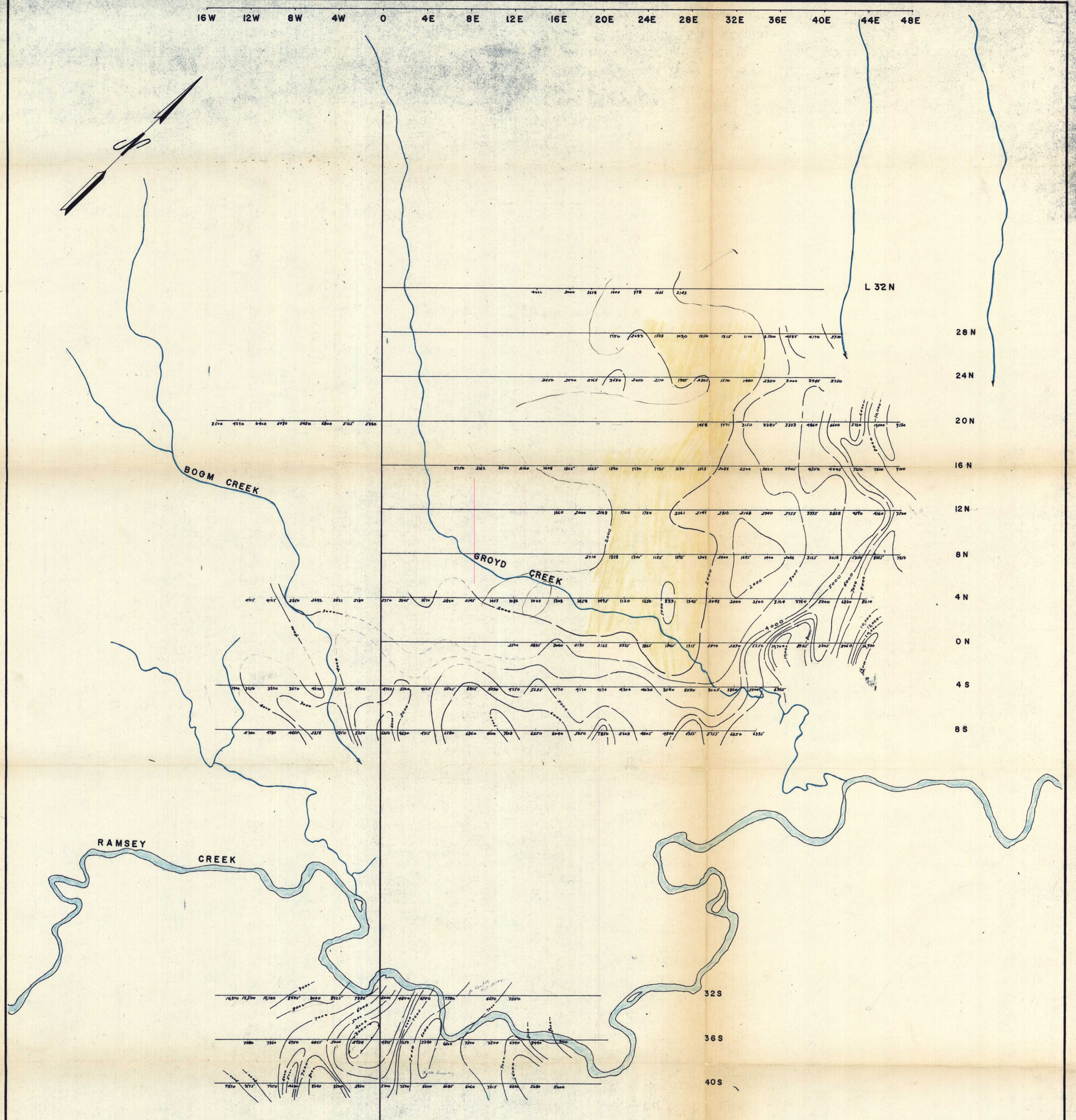
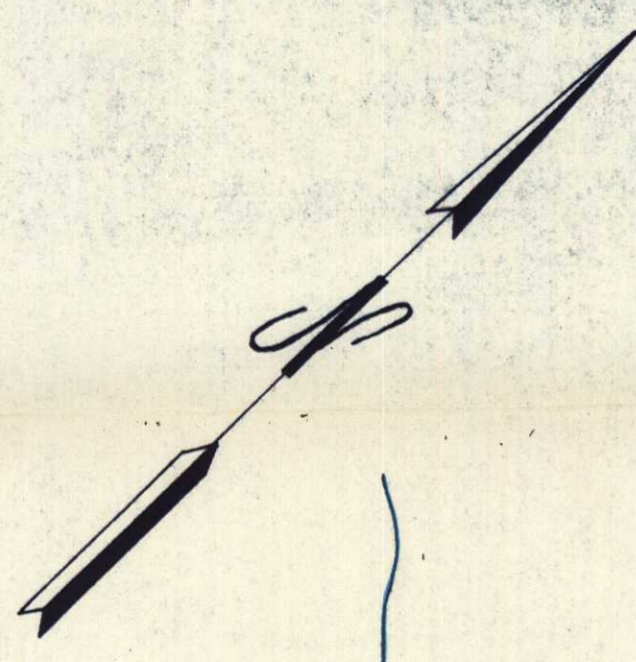
Map 1

KERR ADDISON MINES LTD.
TWEEDSMUIR PARK AREA, BRITISH COLUMBIA
RAMSEY CREEK PROPERTY
INDUCED POLARIZATION SURVEY
CHARGEABILITY PLAN MAP
SCALE 1" = 400'
JULY 1969

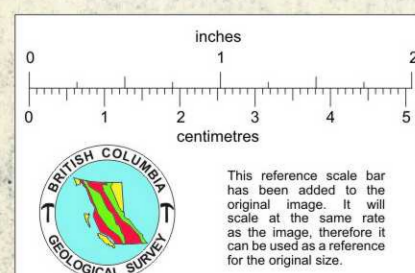
Drawn By T. Larosa



16W 12W 8W 4W 0 4E 8E 12E 16E 20E 24E 28E 32E 36E 40E 44E 48E



KERR ADDISON MINES LTD.
TWEEDSMUIR PARK AREA, BRITISH COLUMBIA
RAMSEY CREEK PROPERTY
INDUCED POLARIZATION SURVEY
RESISTIVITY PLAN MAP
SCALE 1"= 400'
JULY 1969.



Drawn By T. Larose

25E 26E 27E 28E 29E 30E 31E 32E 33E 34E 35E 36E 37E 38E 39E 40E 41E 42E

L 32N

L 28N

L 24N

L 20N

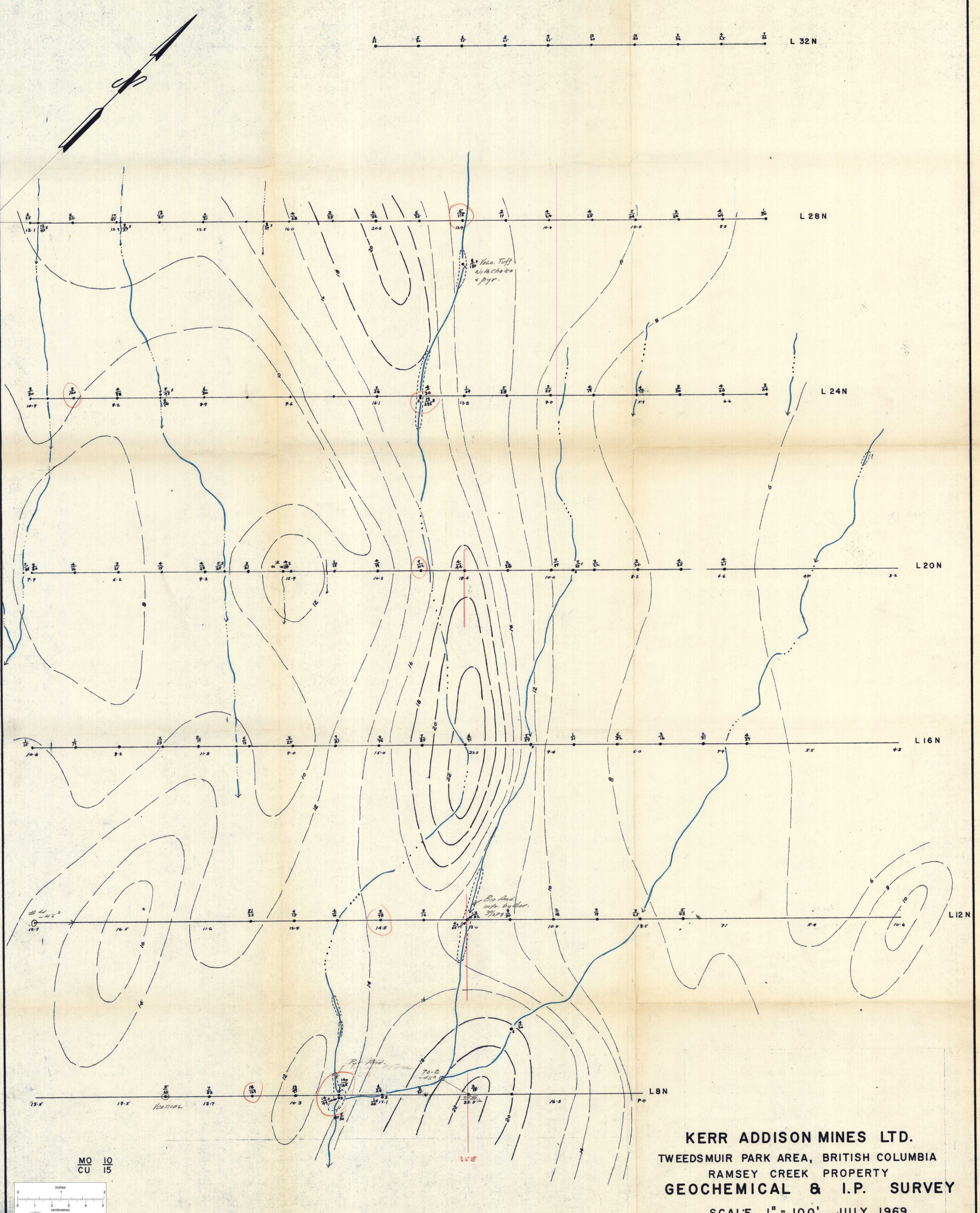
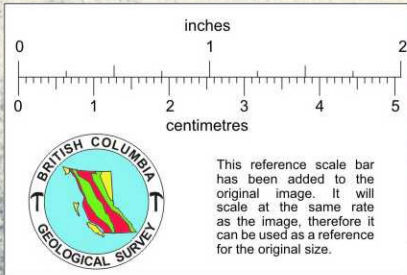
L 16N

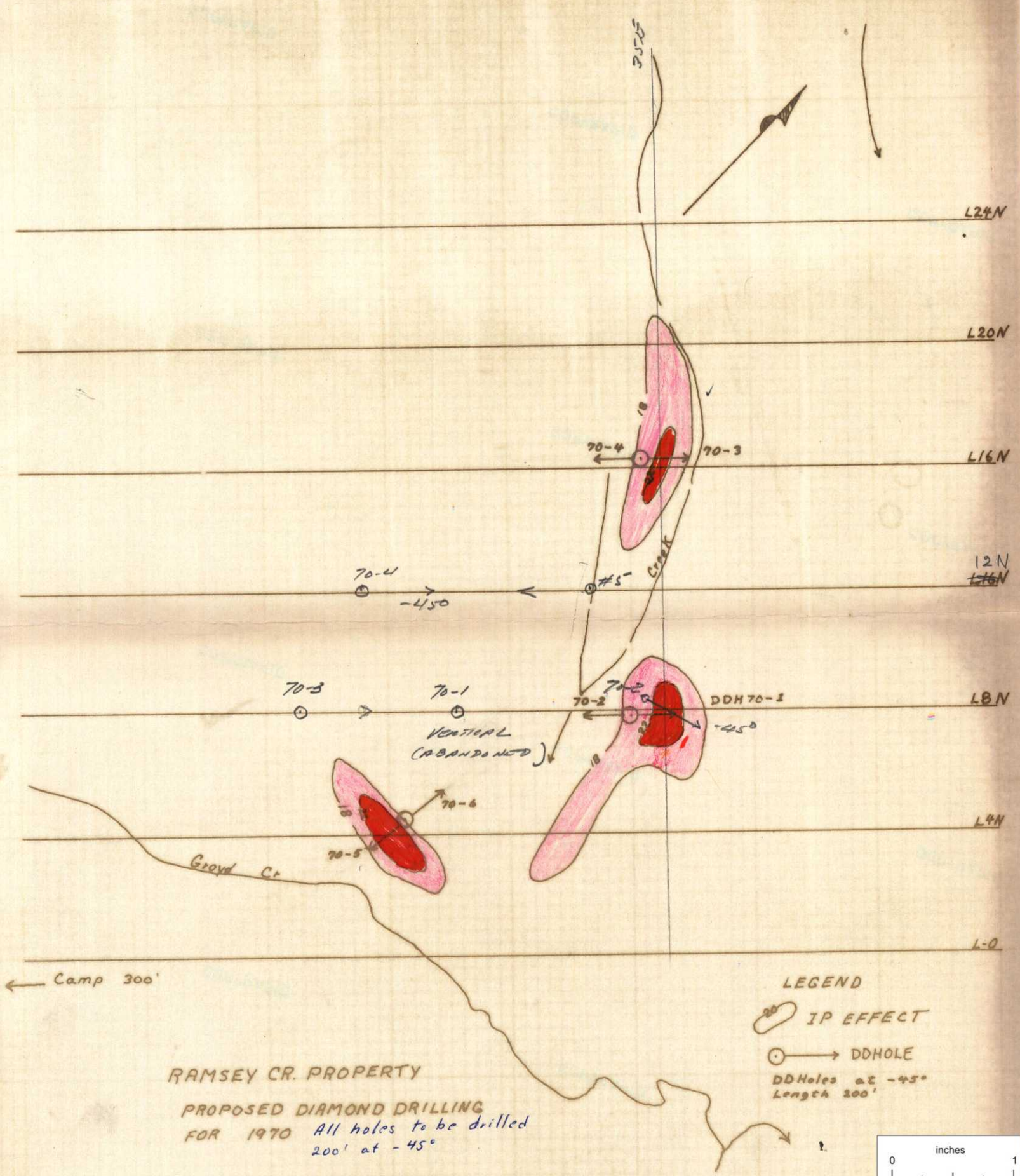
L 12N

KERR ADDISON MINES LTD.
TWEEDSMUIR PARK AREA, BRITISH COLUMBIA
RAMSEY CREEK PROPERTY
GEOCHEMICAL & I.P. SURVEY
SCALE 1" = 100' JULY 1969

Drawn By K. Huska
Contour By T. Larose



MO 10
CU 15

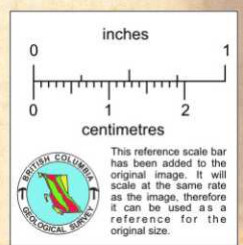


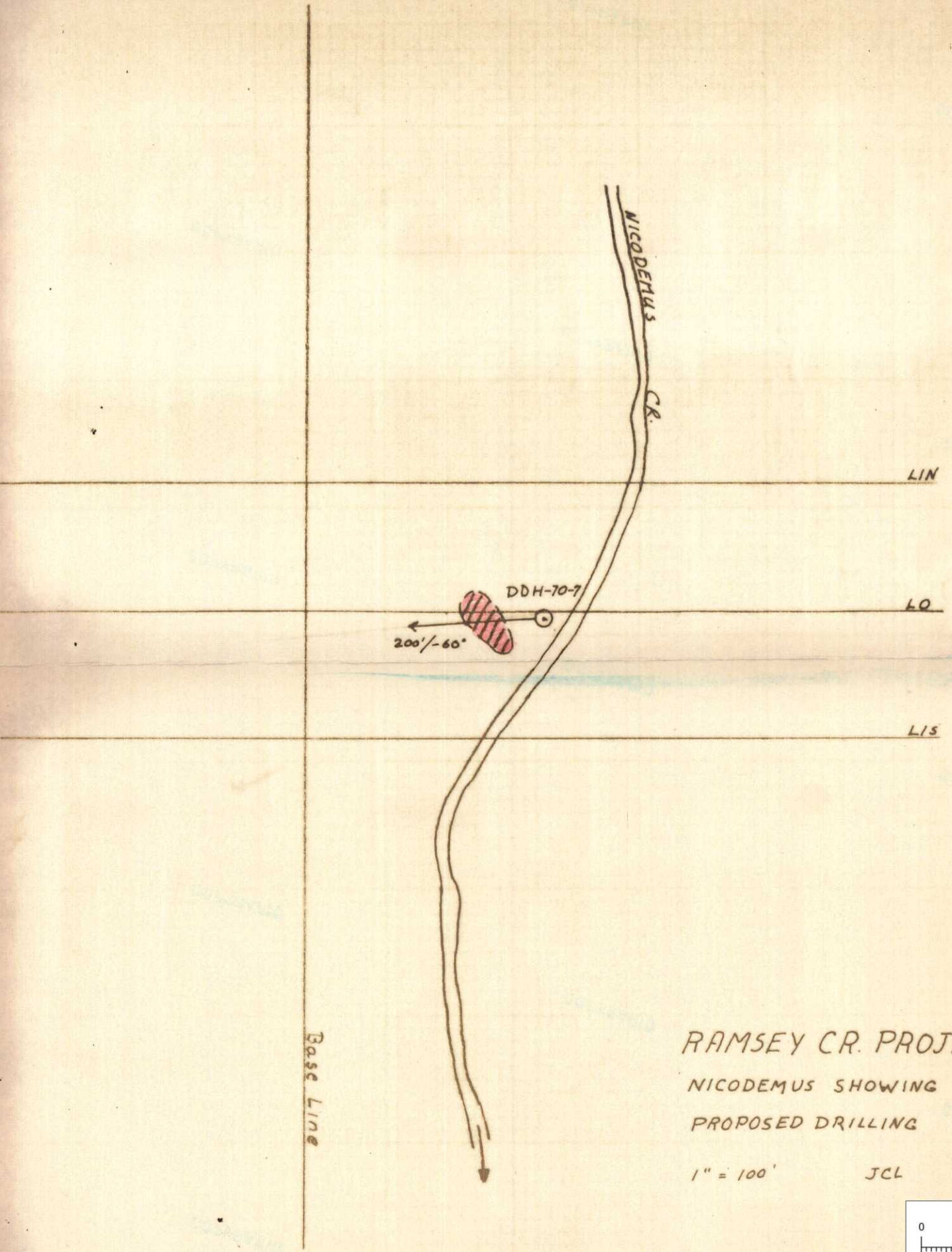


RAMSEY CR. PROPERTY
 PROPOSED DIAMOND DRILLING
 FOR 1970 All holes to be drilled
 200' at -45°

1" = 400' Jan 7, 1970

LEGEND
 IP EFFECT
 DDHOLE
 DDHoles at -45°
 Length 200'





RAMSEY CR. PROJECT
 NICODEMUS SHOWING
 PROPOSED DRILLING

1" = 100' JCL

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

BRITISH COLUMBIA
 GEOLOGICAL SURVEY