



41104NE9564 2.3076 CURTIN

010

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OCT 23 1979

MINING LANDS SECTION

SUMMARY REPORT ON THE
HOWRY CREEK GOLD PROSPECT
ESPANOLA, ONTARIO

NTS 41.1, 4

July 4/79

R. Linnen

D. Titaro

(not in the original book)

TABLE OF CONTENTS



41104NE9564 2.3076 CURTIN

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	<u>Page</u>
Summary, Recommendations, Conclusions	i
List of Figures, Tables	ii
Introduction	1
Past Work	1
Present Work	1
Conclusions and Recommendations	4
References	9
Appendix I - EM Survey	10
Appendix II - Assay Results	20

SUMMARY

The Howry Creek Prospect is a vein type gold deposit located approximately 12 miles southeast of Espanola, Ontario. Gold, silver, and cobalt are associated with arsenopyrite mineralization within a quartz vein. The quartz vein averages less than 1 foot thick over its 1,200 foot length. It trends east-west and is subparallel to the metasediments of the Gowganda Formation, Cobalt Group. Three metasedimentary units are present on the property, pelite, conglomerate, and ortho-quartzite, all of which are crosscut by the Nipissing Diabase.

Trenching along with the construction of a shaft and adit were completed between 1911 and 1921. Mr. Art Elliott presently holds 9 mineral claims which cover the entire length of the vein. In June 1979 an exploration program consisting of geological mapping, trench sampling, electromagnetic and radiometric surveys were carried out. While assay results suggest high grade gold mineralization, the geological mapping indicates the vein is narrow, pinching out laterally and possibly at depth. The electromagnetic survey showed only weak responses over the mineralization. Therefore the tonnage potential is not sufficient to warrant further exploration. The radiometric survey failed to show any potential for uranium mineralization.

LIST OF FIGURES

		<u>Page</u>
Fig. 1	Location Map	2
Fig. 2	Claim Map	3

LIST OF TABLES

Table 1	Summary of Claims	5
Table 2	Assay Results	6

INTRODUCTION

The Howry Creek Prospect is located in Curtin Township (NTS 41.I/4), District of Sudbury, approximately 12 miles southeast of Espanola (Figs. 1,2). Gold, silver, and cobalt mineralization is spatially associated with arsenopyrite which occurs within an east-west trending quartz vein. The quartz vein, averages less than one foot in thickness pinching out to the west and is cut off by a fault to the east. A total of nine claims (Fig. 2) are presently registered under Art Elliot of Strathroy Ontario. Each claim is approximately 40 acres and is under extension until the fall of 1979 (Table 1).

PAST WORK

From 1911 to 1921 extensive trenching, a 70 foot vertical shaft and a 452 foot long adit were completed, however production has never been recorded. Both trenching and the shaft follow the quartz vein, and at a depth of 56 feet in the shaft, the mineralized quartz vein has an average grade of 0.51 ozs Au/ton and 0.08 ozs Ag/ton over a width of 1.5 feet. Located at the base of a hill, south of the shaft, an adit was driven 452 feet horizontally at a bearing of 334°, designed to intersect the vein at depth. The adit extends 100 feet north of the shaft but fails to intersect the mineralized vein. A total of eight core holes were drilled to intersect the vein but the data was never filed with O.D.M.

This area has been mapped by both the O.D.M. and G.S.C. (Card 1967, 1976, Collins 1925, Moore 1929) giving brief accounts of the Howry Creek Prospect.

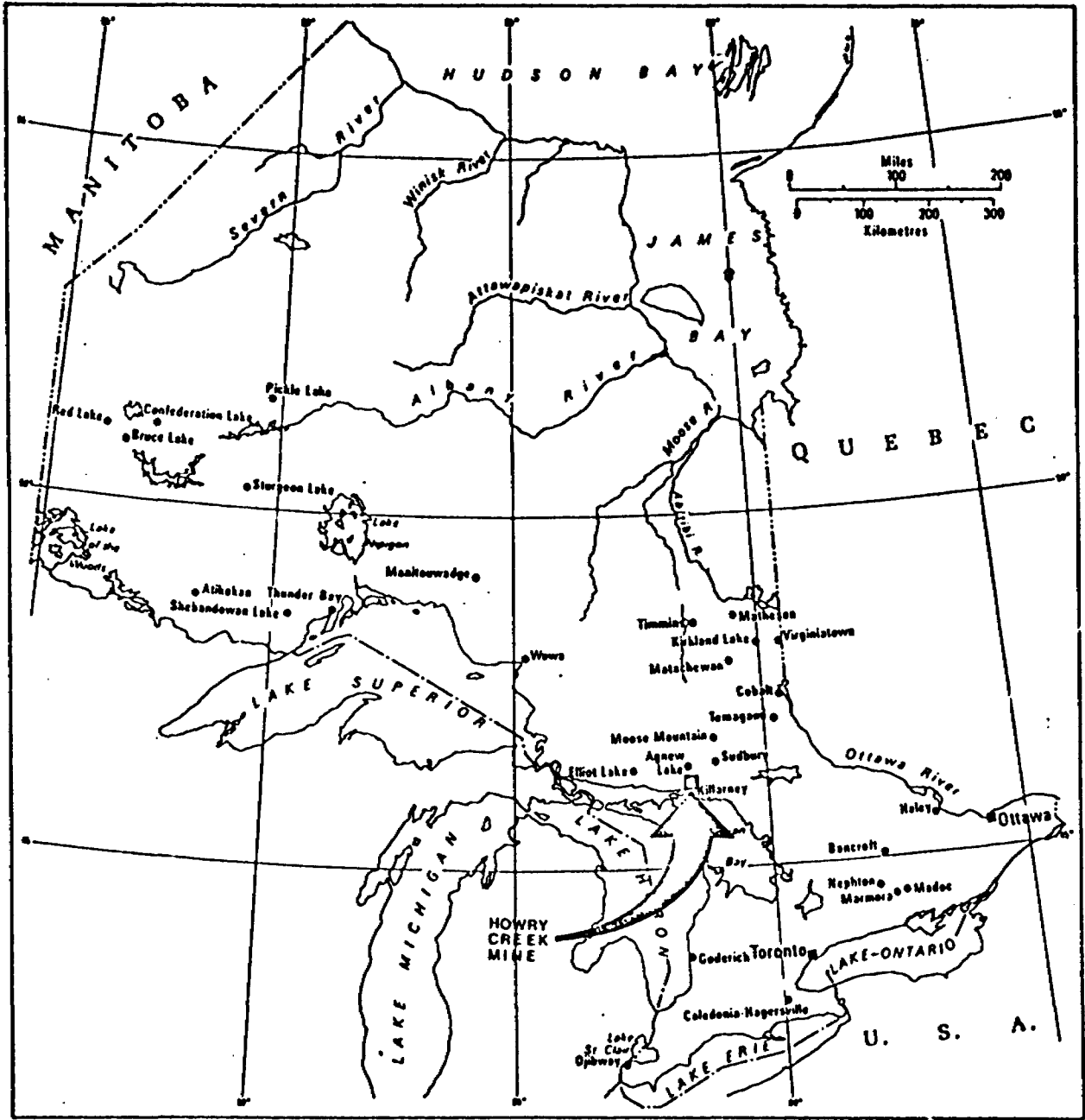
PRESENT WORK

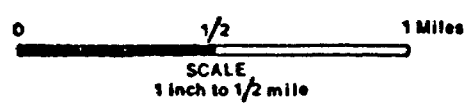
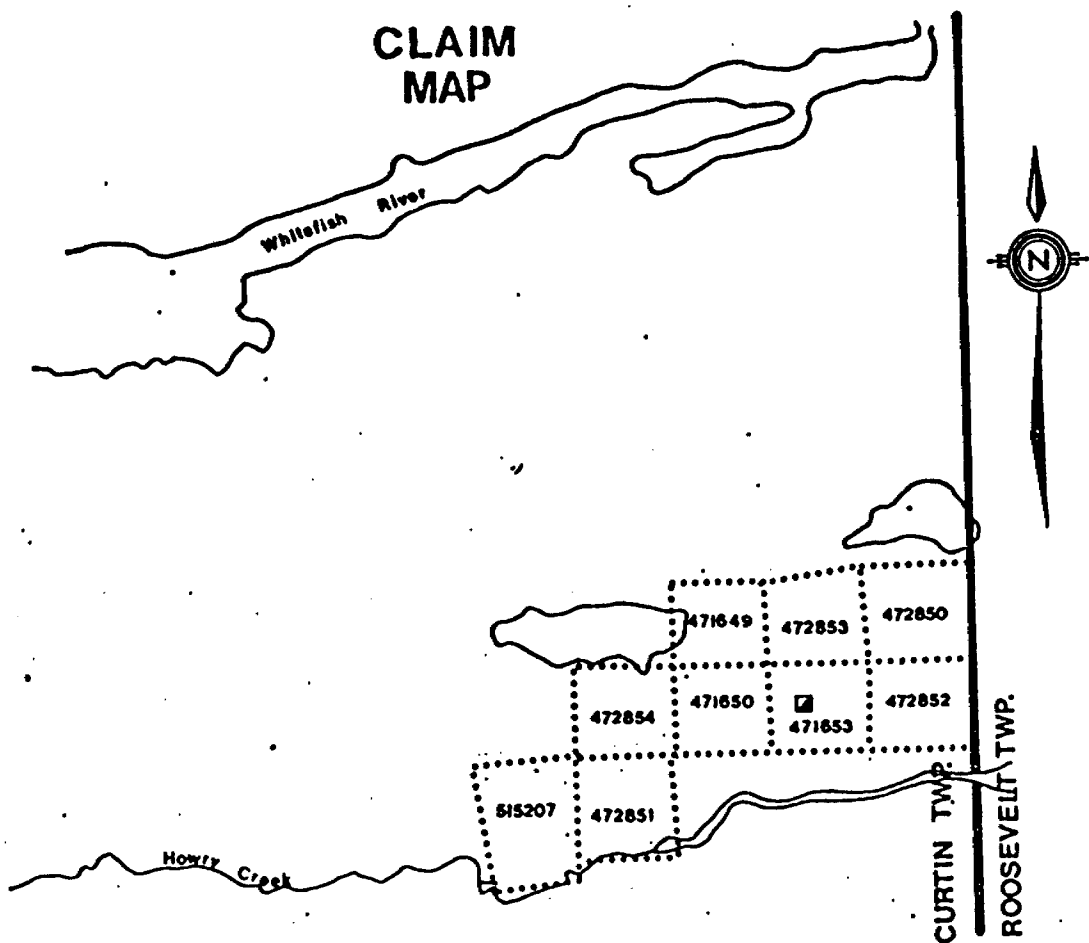
From June 12th - 21st/79, the writers mapped the surface geology on a 100 foot spaced grid, sampled the adit and trenches, completed an electromagnetic survey and a regional radiometric survey.

Within the map area (Fig. 3) four rock units are recognized: pelite, conglomerate, orthoquartzite, and metagabbro. The metasediments are part of the Gowganda Formation, Cobalt Group, approximately 3.0 Ga. The pelite is characteristically chloritic, and locally argillaceous. The conglomerate has a pelite matrix with orthoquartzite pebbles and boulders, and less commonly chert pebbles. The orthoquartzite is dominantly quartz with varying amounts of feldspar and matrix material causing the colour to vary from pink to dark grey. The metagabbro is part of the Nipissing Diabase, 2.16 Ga.

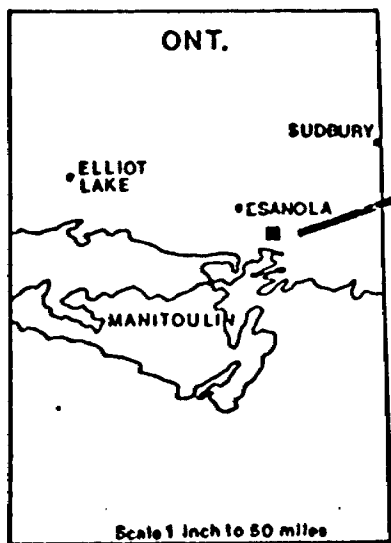
FIG. 1

LOCATION MAP





■ SHAFT
 CLAIM BOUNDRY



The mineralized quartz vein extends 1,200 feet along strike, and varies in thickness from less than 1 inch to a maximum of 6 feet at the shaft. Average thickness is less than 1 foot. The vein pinches out to the west and is cut off by a fault to the east. Gold mineralization is dominantly associated with massive to disseminated arsenopyrite within the quartz vein.

Disseminated pyrite and minor amounts of specular hematite, carbonate, and chlorite are also present within this vein. Assays have been completed on samples taken from trenches, veins, wallrock and the adit (Table 2).

An electromagnetic survey was conducted over a 100 foot spaced grid with a Crone Random VLF-EM Receiver. This survey (Appendix 'A') failed to outline significant anomalies over the mineralized vein. The radiometric survey extended up to 1/2 mile north of the shaft, and using a McPhar TV-1A a total count background of 1,000 to 2,000 cpm was established with no anomalies.

CONCLUSIONS AND RECOMMENDATIONS

The mineralized quartz vein is near vertical, pinching out to the west and fault bound to the east. Mineralization could continue east of the fault, however, there is no supporting evidence for this from either geological mapping or the electromagnetic survey. Although high grade mineralization is present it is very discontinuous within the quartz vein with averages less than one foot in thickness with no evidence of thickening with depth. The adit does not intersect the quartz vein. The vein pinches out laterally and it is probable that it also pinches out at depth. The potential to develop considerable tonnage is not sufficient to warrant further exploration.

Bob Linnen *Bob Linnen*
Dino Titaro *Dino Titaro*

TABLE 1
SUMMARY OF CLAIMS

<u>CLAIM #</u>	<u>ACRES</u>	<u>ANNIVERSARY DATE & NOTES</u>
472850	40	Under Extension till Dec. 31/79
472851	40	Under Extension till Dec. 31/79
472852	40	Under Extension till Dec. 31/79
472853	40	Under Extension till Dec. 31/79
472854	40	September 1979
471649	40	Under Extention till Oct. 31/79
471650	40	Under Extention till Oct. 31/79
471653	40	Under Extention till Oct. 31/79
515207	<u>40</u>	June 1/1980
Total 360		

TABLE 2A

<u>Grab Sample#</u>	<u>Description</u>	<u>Au</u>	<u>Ag</u>	<u>Co</u>	<u>Ni</u>	<u>Cu</u>	<u>As</u>	<u>\$Value</u>
4988	Massive Arsenopyrite	1.86	0.04	0.48	0.08	0.02	34.9	\$750./Ton
4987	50% Arsenopyrite	0.08	T.	0.01	0.01	0.04	3.04	\$ 25./Ton
4986	Arsenopyrite + qtz	0.64	Nil	0.07	0.02	-	12.8	\$195./Ton

Co = 25.00/lb

Au = 250.00/oz

Ag = 6.00/oz

TABLE 2B ASSAY RESULTS

<u>Sample #</u>	<u>Description</u>	<u>Ag oz/ton</u>	<u>Au oz/ton</u>	<u>%Co</u>
A2	quartz vein near the end	nil	trace	trace
A4	metapelite from the adit	nil	nil	trace
A6	quartzite from the adit	nil	nil	trace
A7	Quartz vein in the adit py. and arsenopyrite	trace	0.11	0.01
A8	quartz vein in the adit	nil	trace	trace
DT1	quartzite	nil	0.01	trace
DT6a	quartzite	nil	trace	trace
DT7a	hematite quartzite from trench	nil	trace	0.01
DT8a	stained quartz vein with py. and minor arsenopyrite	trace	0.05	0.02
DT9a	quartzite with 2-4% arseno- pyrite	nil	0.03	0.02
L-6	vertical quartz vein, hematite stain py and carbonate (?)	nil	0.01	trace
L-7	vertical quartz vein	nil	trace	trace
L-8	quartz vein dipping south disseminated arsenopyrite	trace	0.05	0.07
L-9	wall rock from shaft (orthoquartzite?) disseminated arsenopyrite	nil	trace	0.01
L-10	wall rock from trench, orthoquartzite, barren of sulphides	nil	trace	trace
L-11	boulder in trench, massive arsenopyrite	nil	0.06	0.05
L-12	wall rock from trench, barren of sulphides	nil	trace	trace

.../2

TABLE 2B CONTINUED

<u>Sample #</u>	<u>Description</u>	<u>Ag oz/ton</u>	<u>Au oz/ton</u>	<u>%Co</u>
L-13	disseminated arsenopyrite in orthoquartzite	nil	0.02	0.01
L-14	massive arsenopyrite boulder	trace	0.21	0.08
L-15	quartz vein dipping south, minor py.	trace	trace	nil
L-16	massive boulder, arsenopyrite py. and chlorite	trace	0.18	0.01
L-17	quartz vein with minor py.	trace	0.01	trace
L-18	massive boulder arsen. \approx 20% + py \approx 5%	trace	0.24	0.06
L-19	quartz vein 2 in. thick, dipping north.	nil	0.01	trace

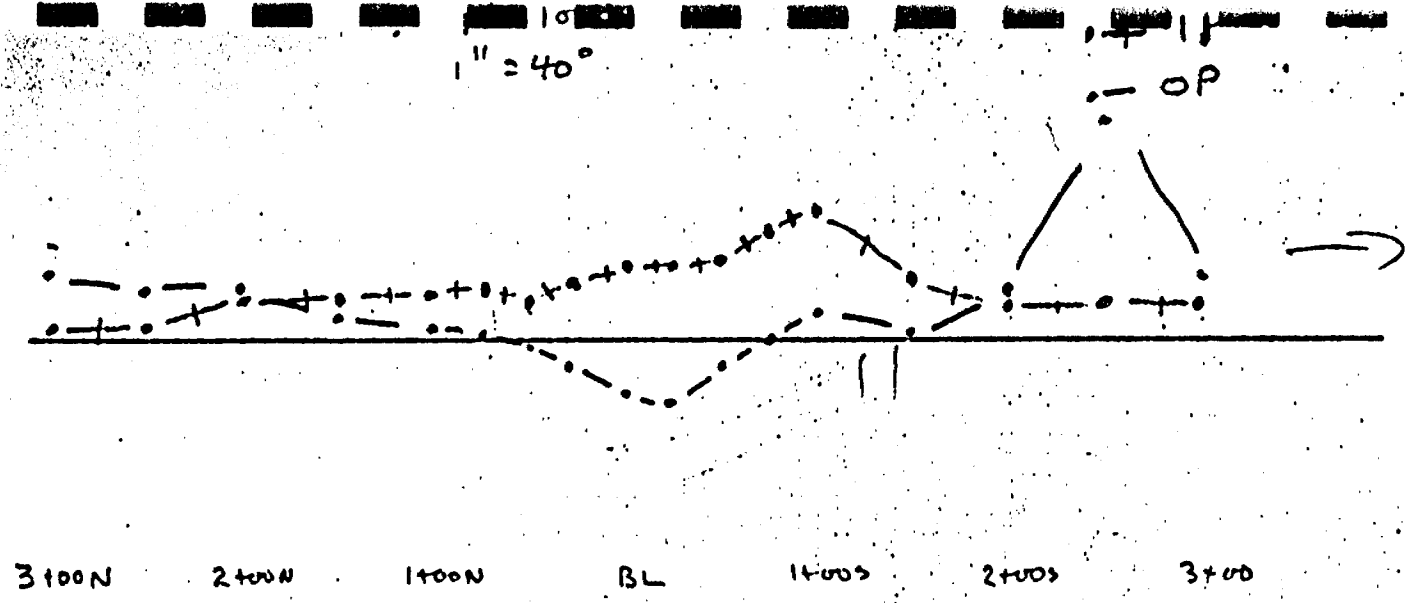
REFERENCES

- Card, K.D. 1967: Curtin Township Dist. of Sudbury;
Ontario Department of Mines, Prelim. Geol.
Map No. P.392, scale 1 inch to 1/4 mile.
- Card, K.D. 1976: Geology of the Espanola-Whitefish Falls
Area, Dist. of Sudbyry; Ontario Div. Mines
GR 131, 70 p, scale 1 inch to 1/2 mile.
- Collins, W.H. 1925:North Shore of Lake Huron; Geol. Surv.
Canada, Mem. 143, p. 122-124.
- Moore, E.S. 1929: Ore Deposits near the North Shore of
Lake Huron; Ontario Department of Mines,
V. 138, pt. 7, p. 49-50.

APPENDIX I
EM SURVEY

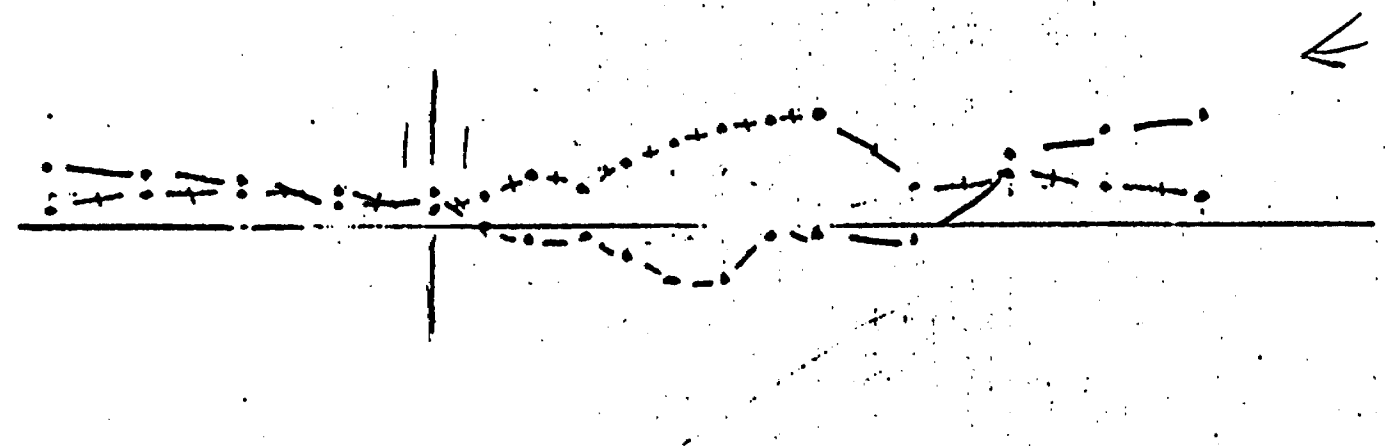
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30-
20-
+10-
0-
-10-
20-
30-
40-

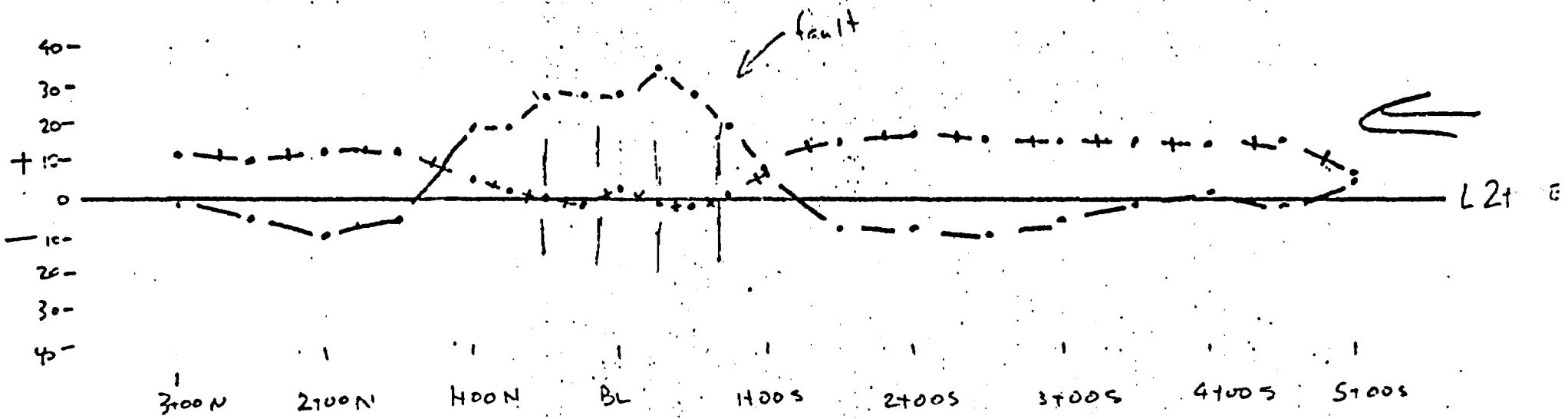
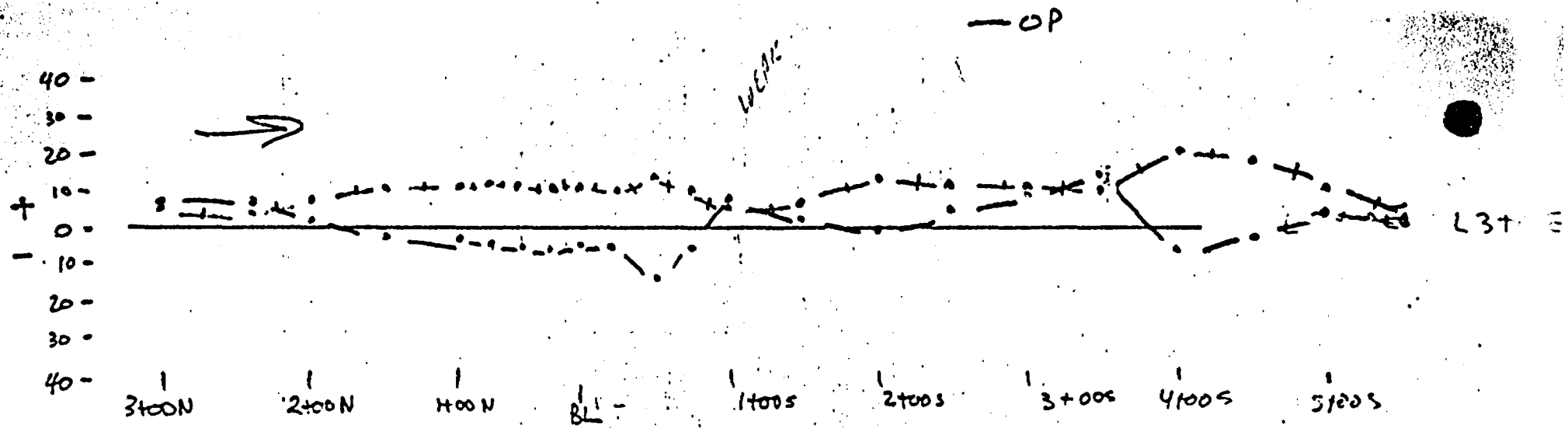


L5+00E

40-
30-
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40-

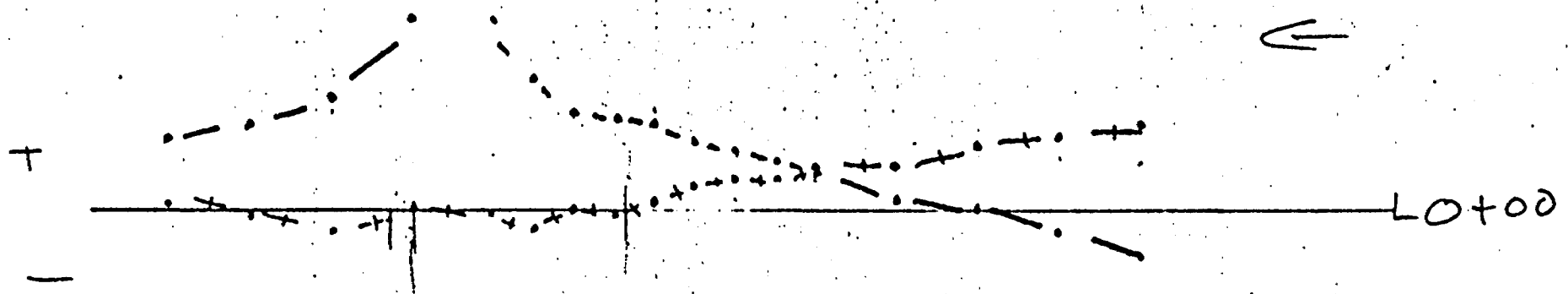
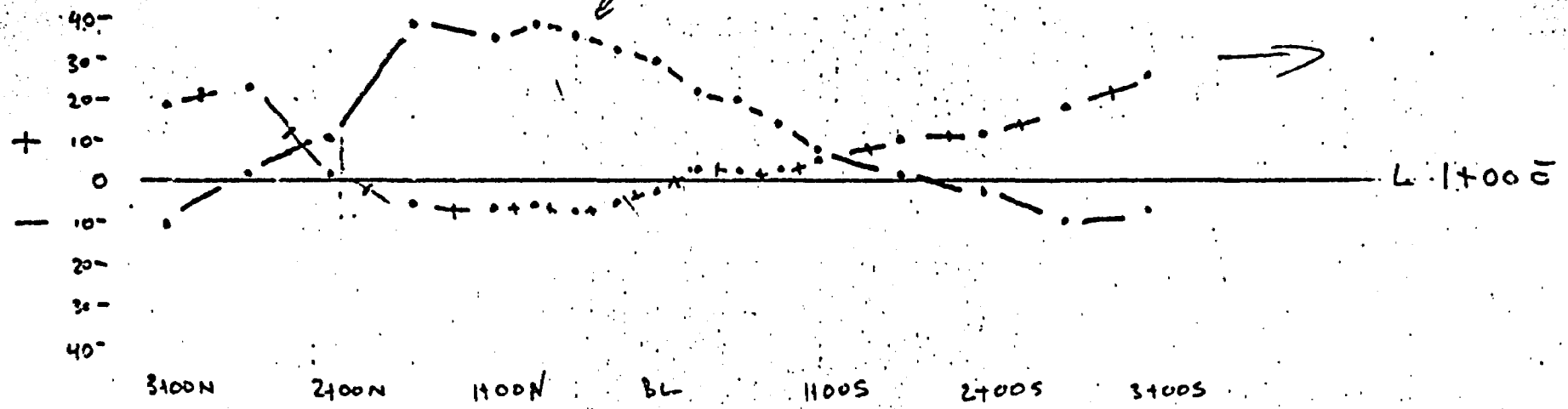


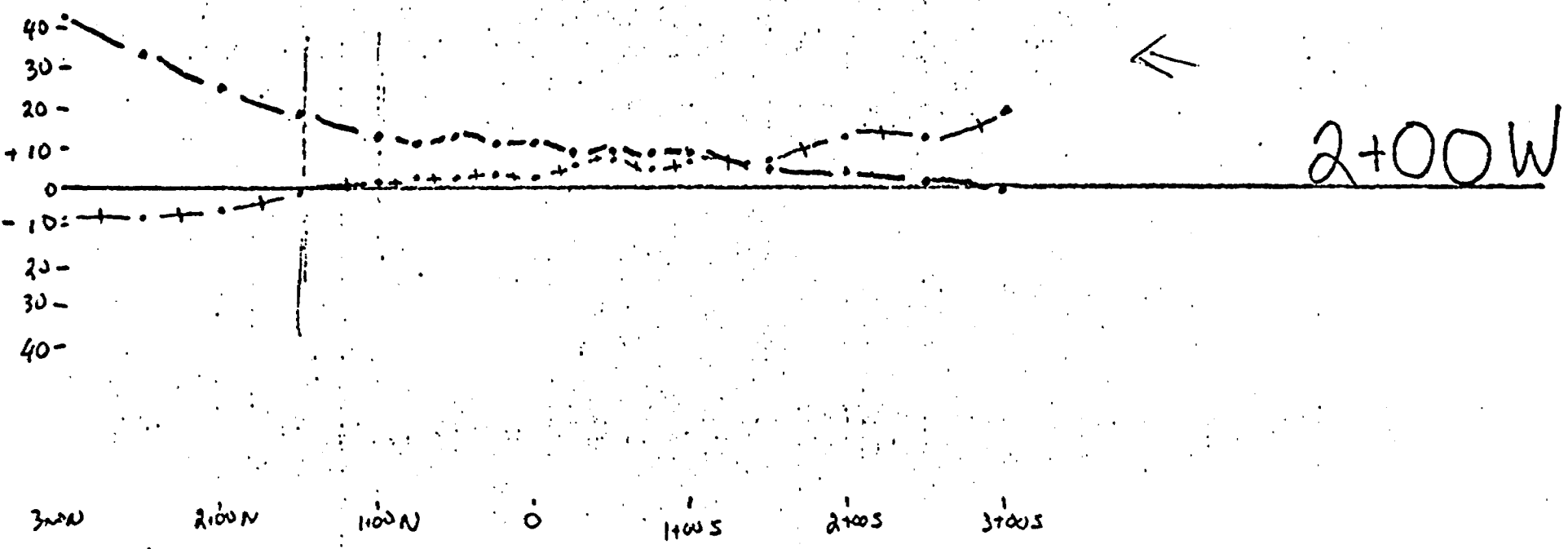
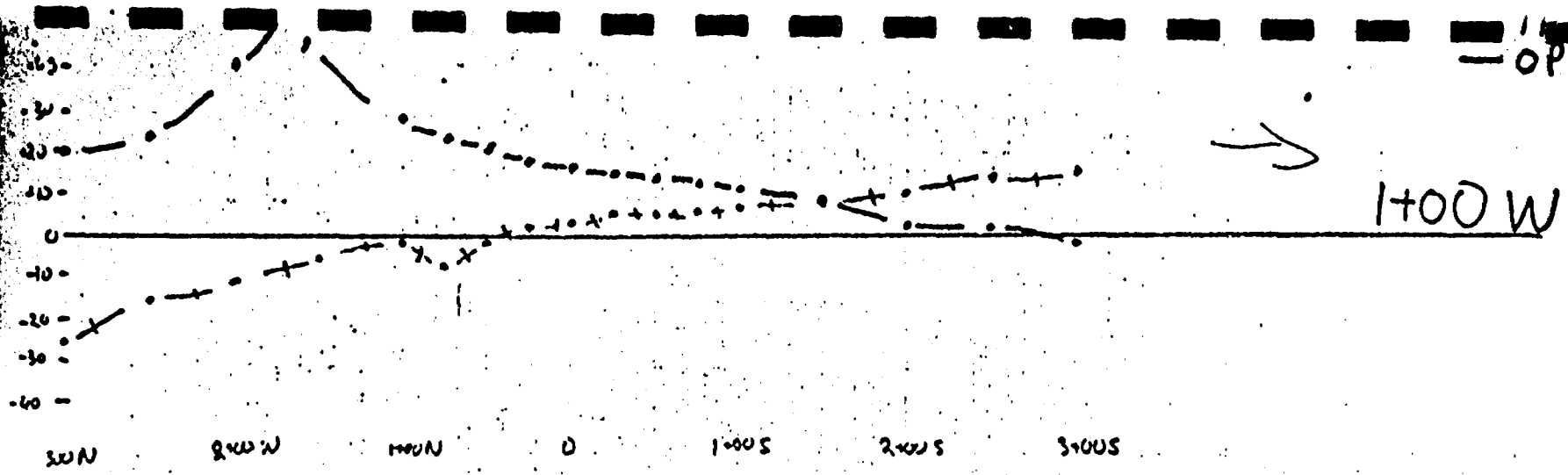
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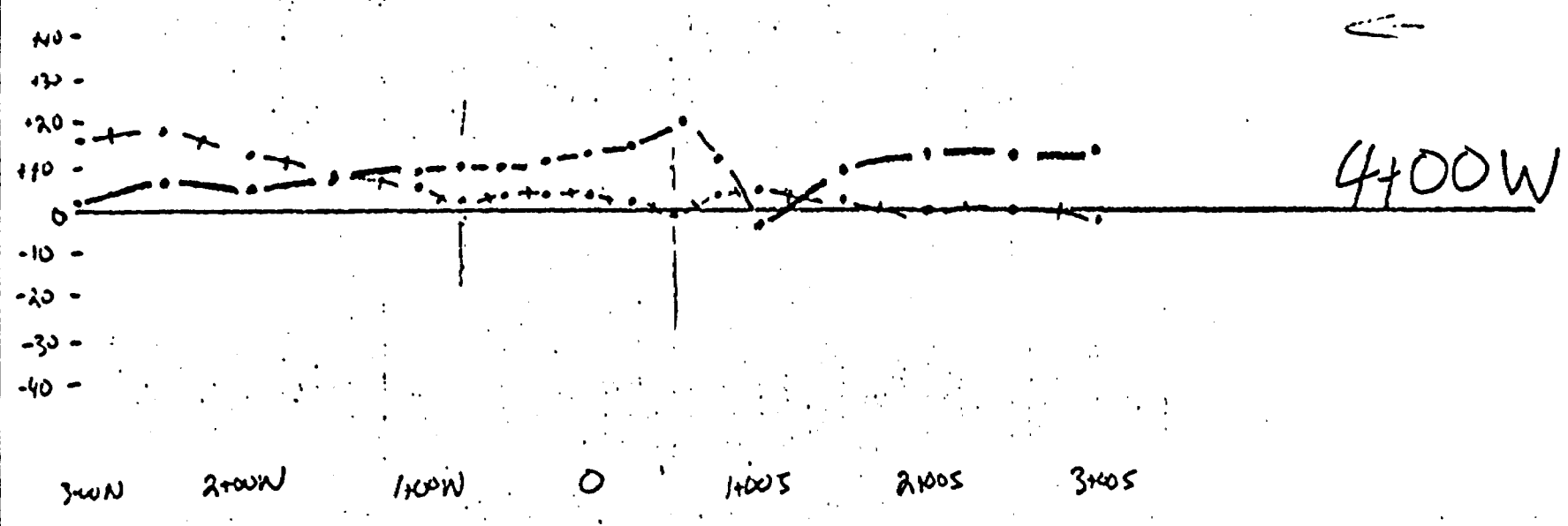
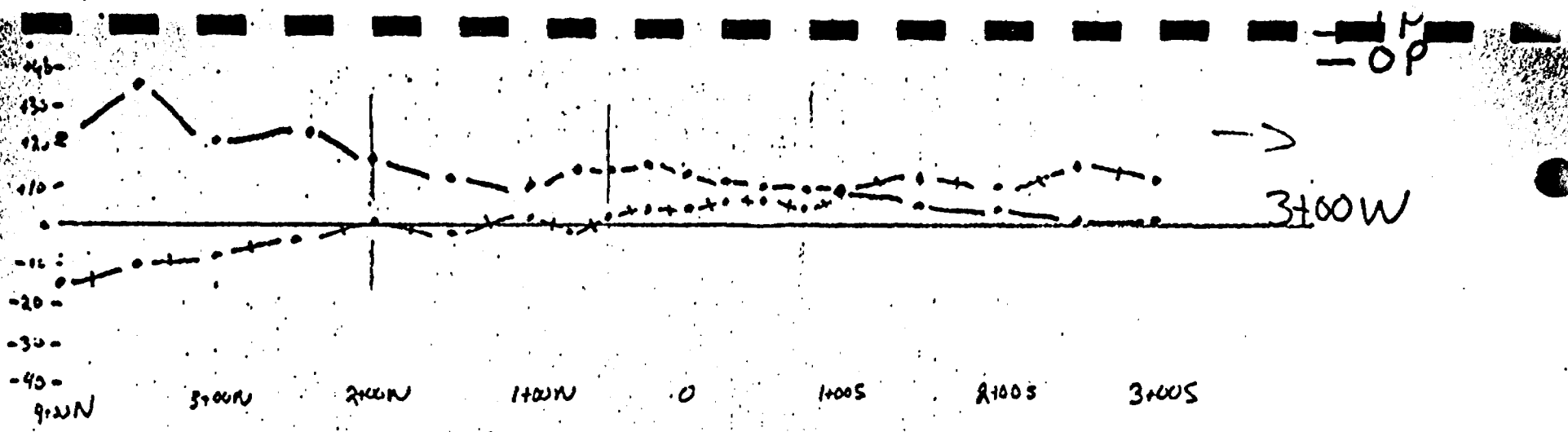


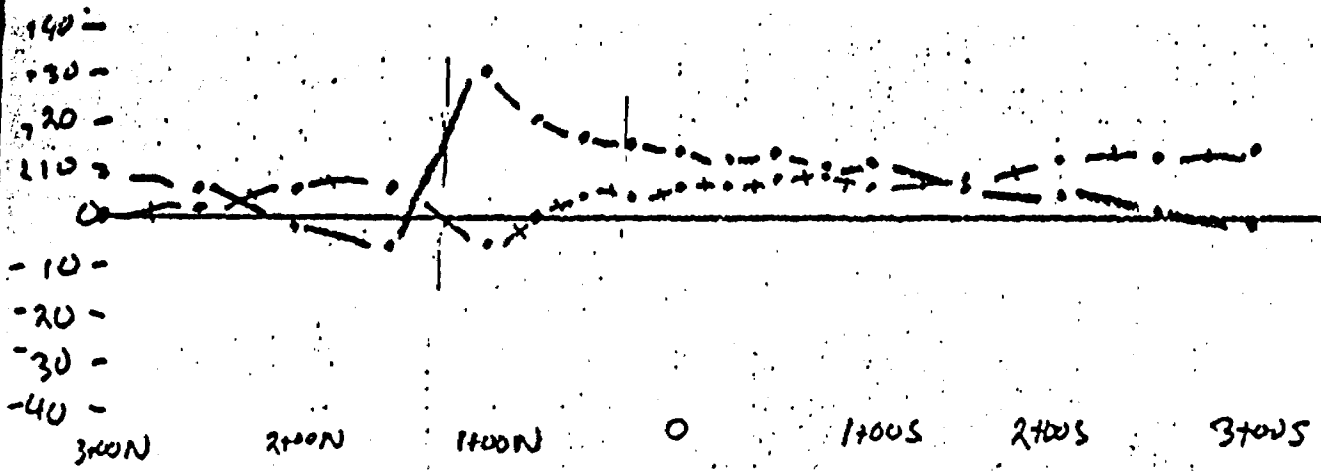
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fault

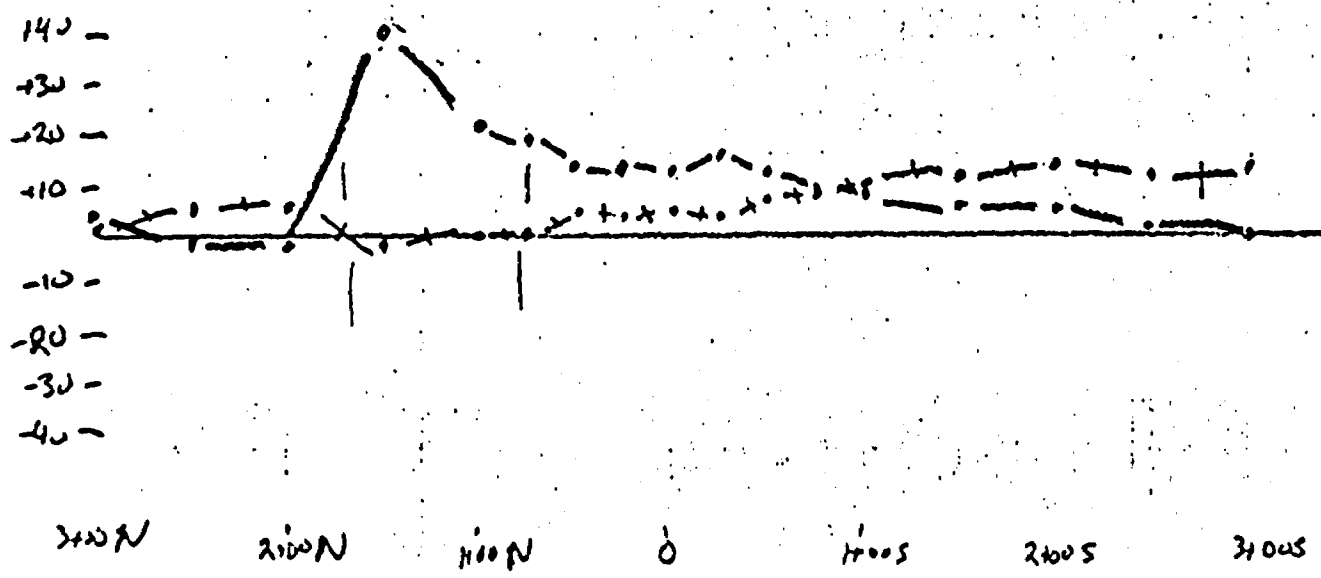






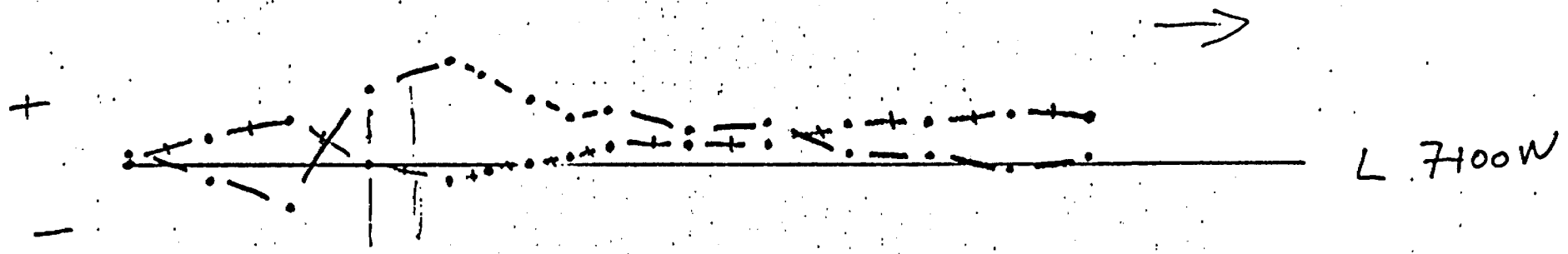


OP
 →
 5+00W



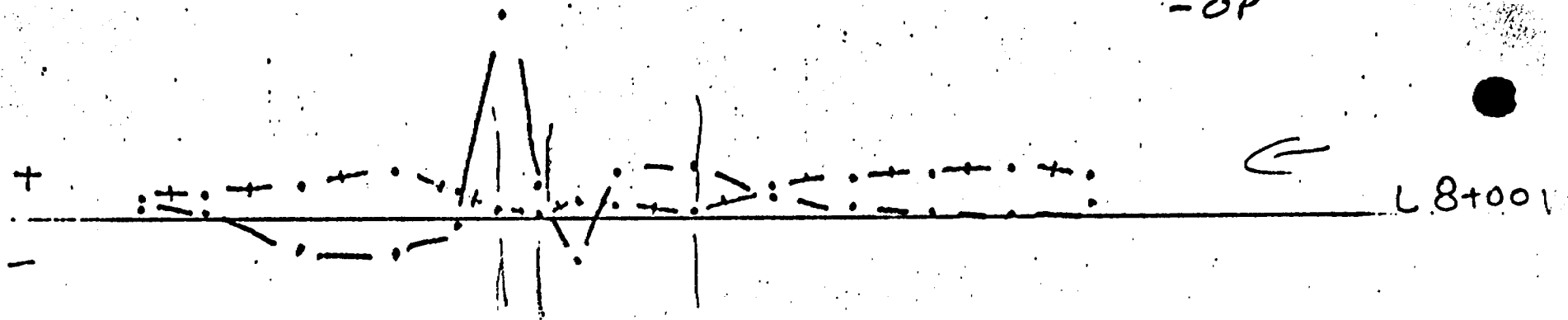
←
 6+00W

OP

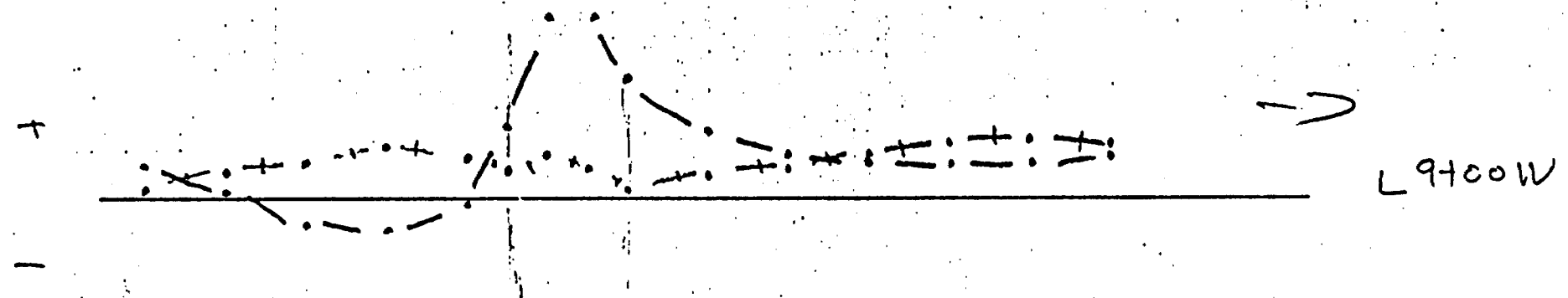


3+00 N 2+00 N 1+00 N BL 1+00 S 2+00 S 3+00 S

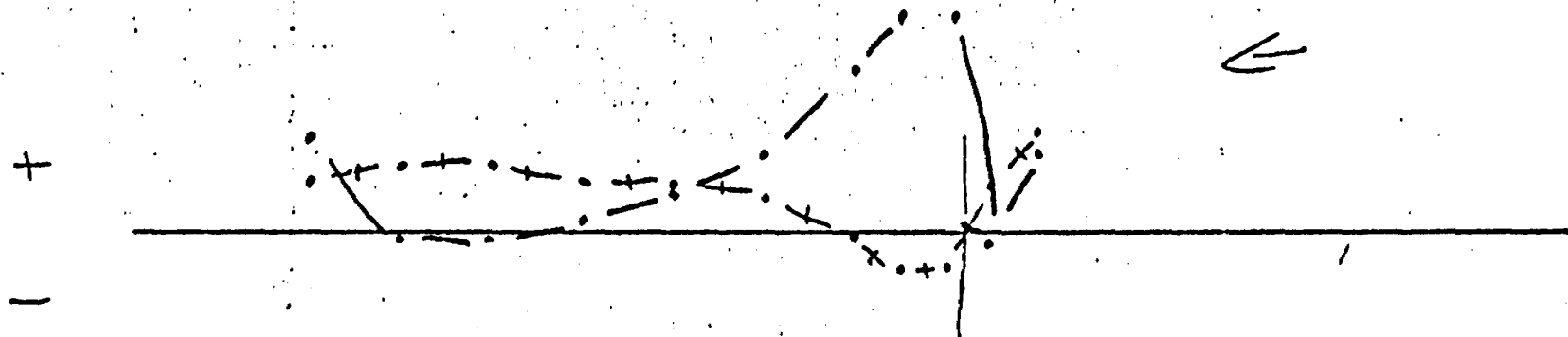
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3+00N 2+00N 1+00N BL 1+00S 2+00S 3+00S



- 08 1.2



L 10+00

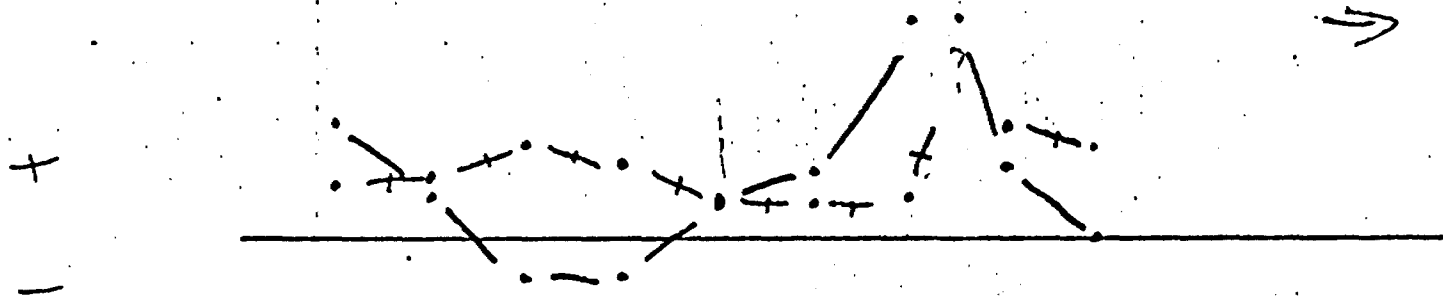
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2+00S

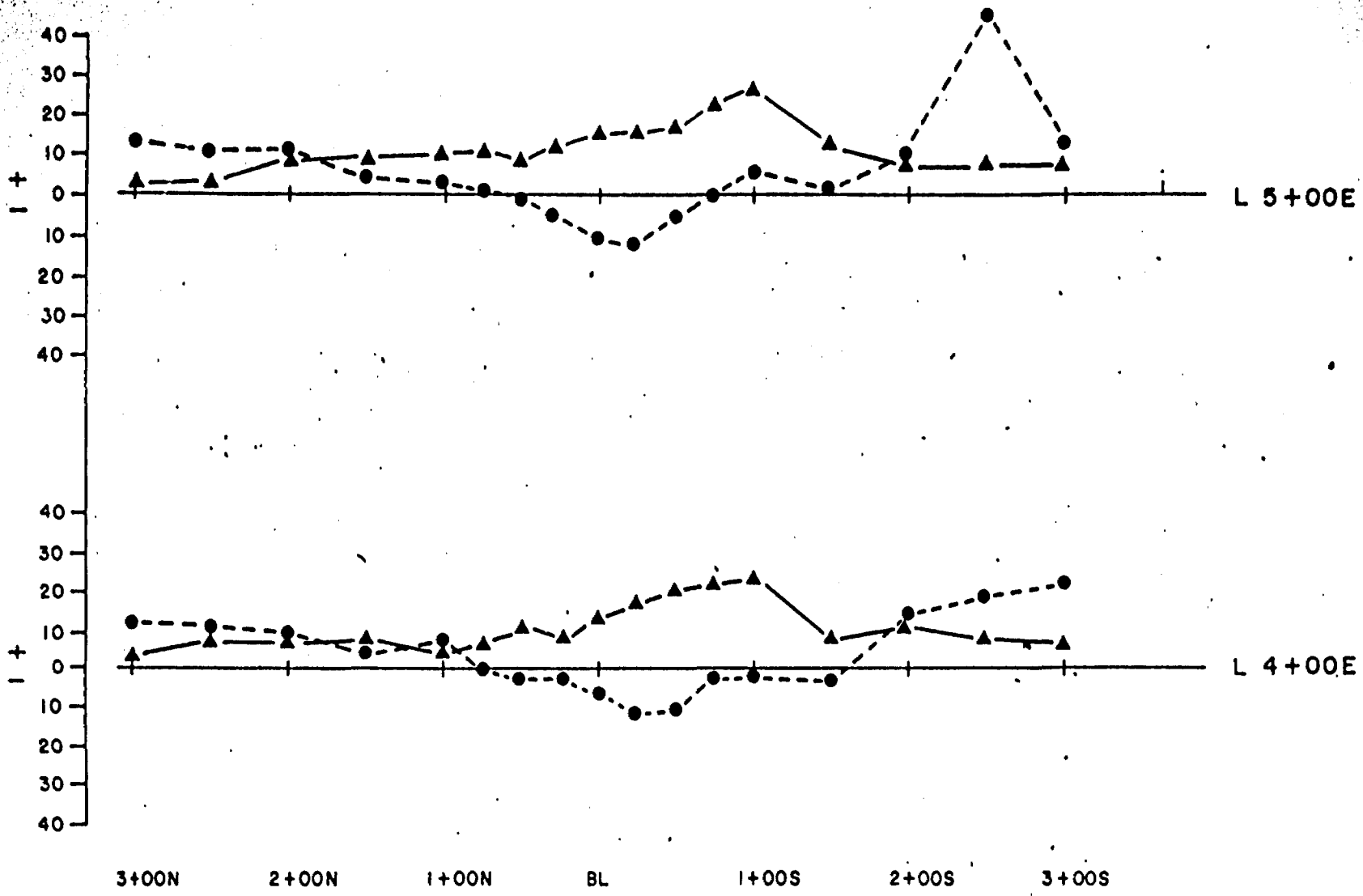
1+00S

BL

1+00N.



L 11+00W



SYMBOLS

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- ▲— In phase

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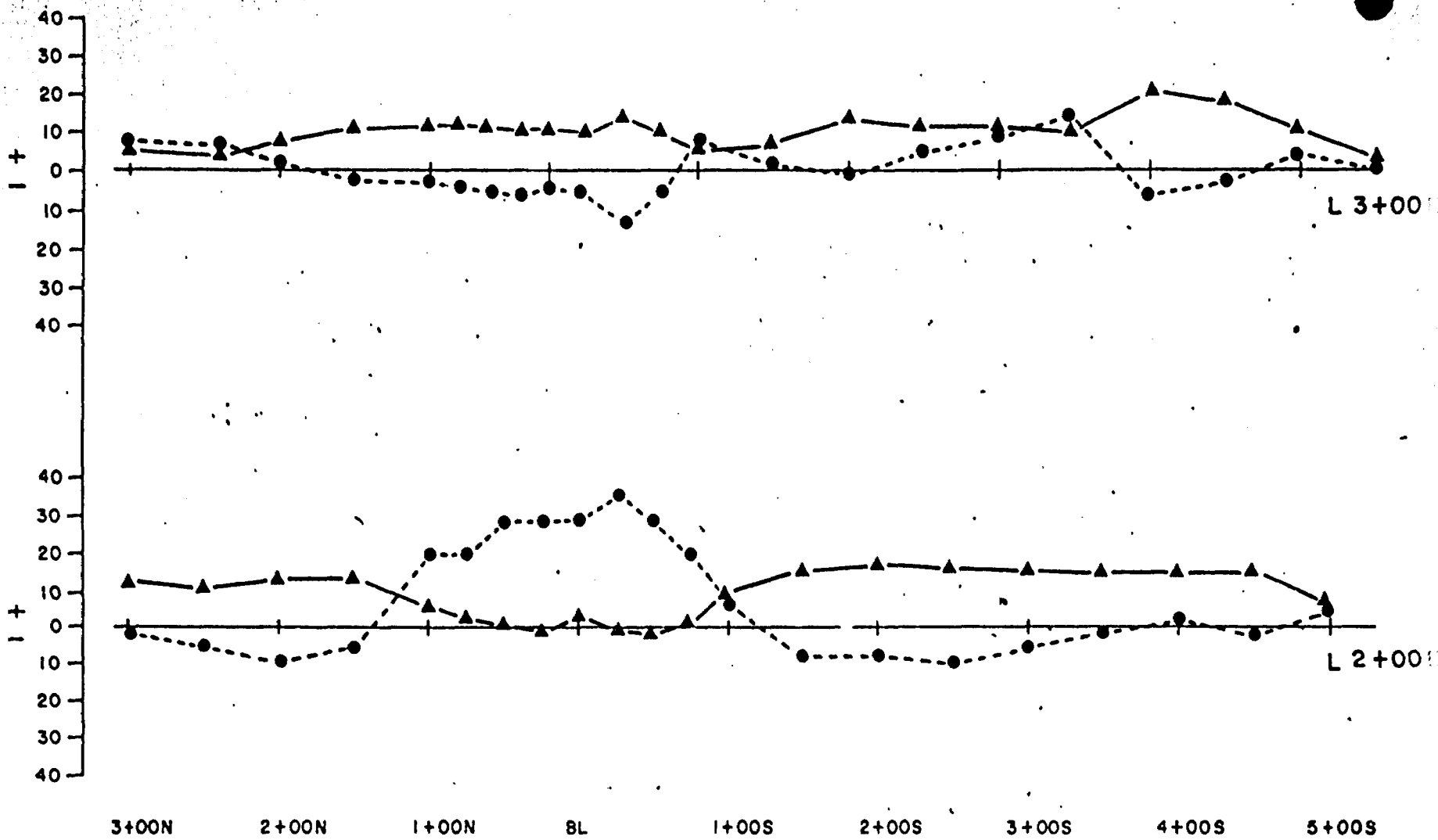
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1" ~ 40°

1"

HOWRY CREEK
 CRONE RADEM PROFILES
 LINES 4+00E AND 5+00E
 CLAIM NO. 472852
 ONTARIO

Q. T. H.



SYMBOLS SCALE

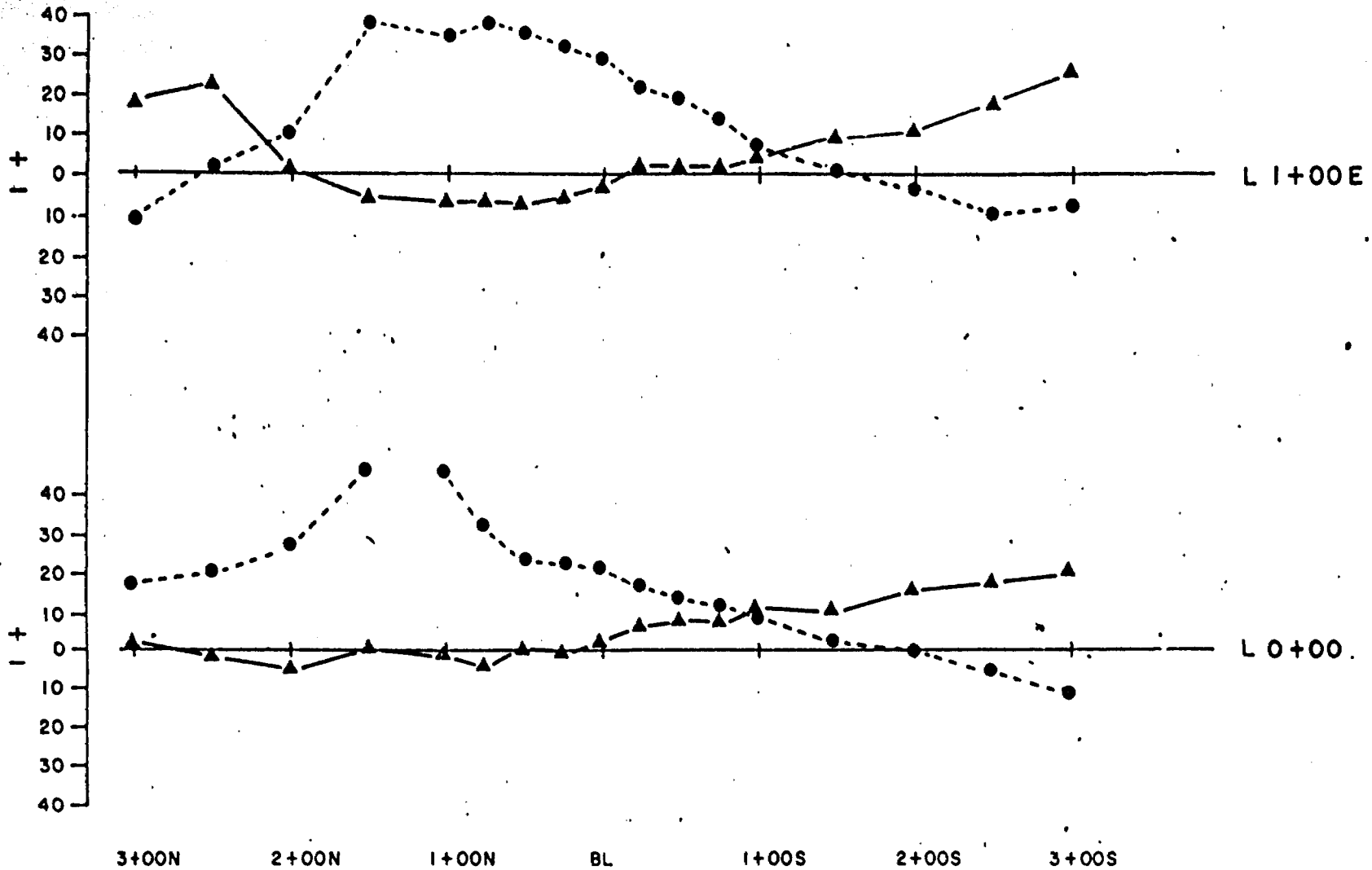
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1" ~ 40%
 1" ~ 40°

1" ~

HOWRY CREEK
 CRONE RADEM PROFILES
 LINES 2+00E AND 3+00E
 CLAIM NO. 471653
 ONTARIO

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SYMBOLS

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—▲— In phase

SCALE

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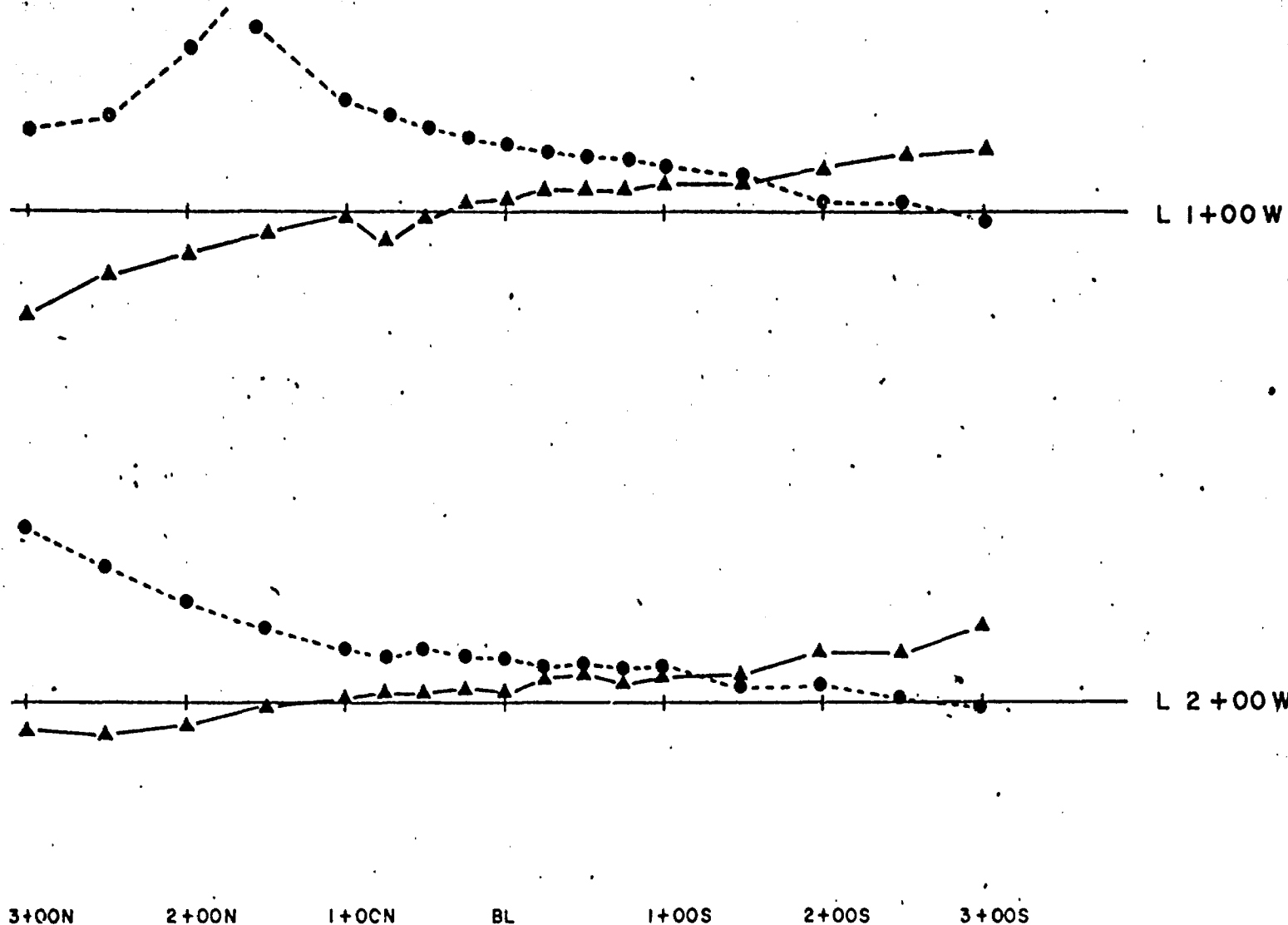
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HOWRY CREEK
CRONE RADEM PROFILES
LINES 1+00E AND 0+00
CLAIM NO. 471653

ONTARIO

W. J. T. A.

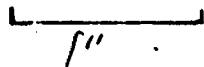


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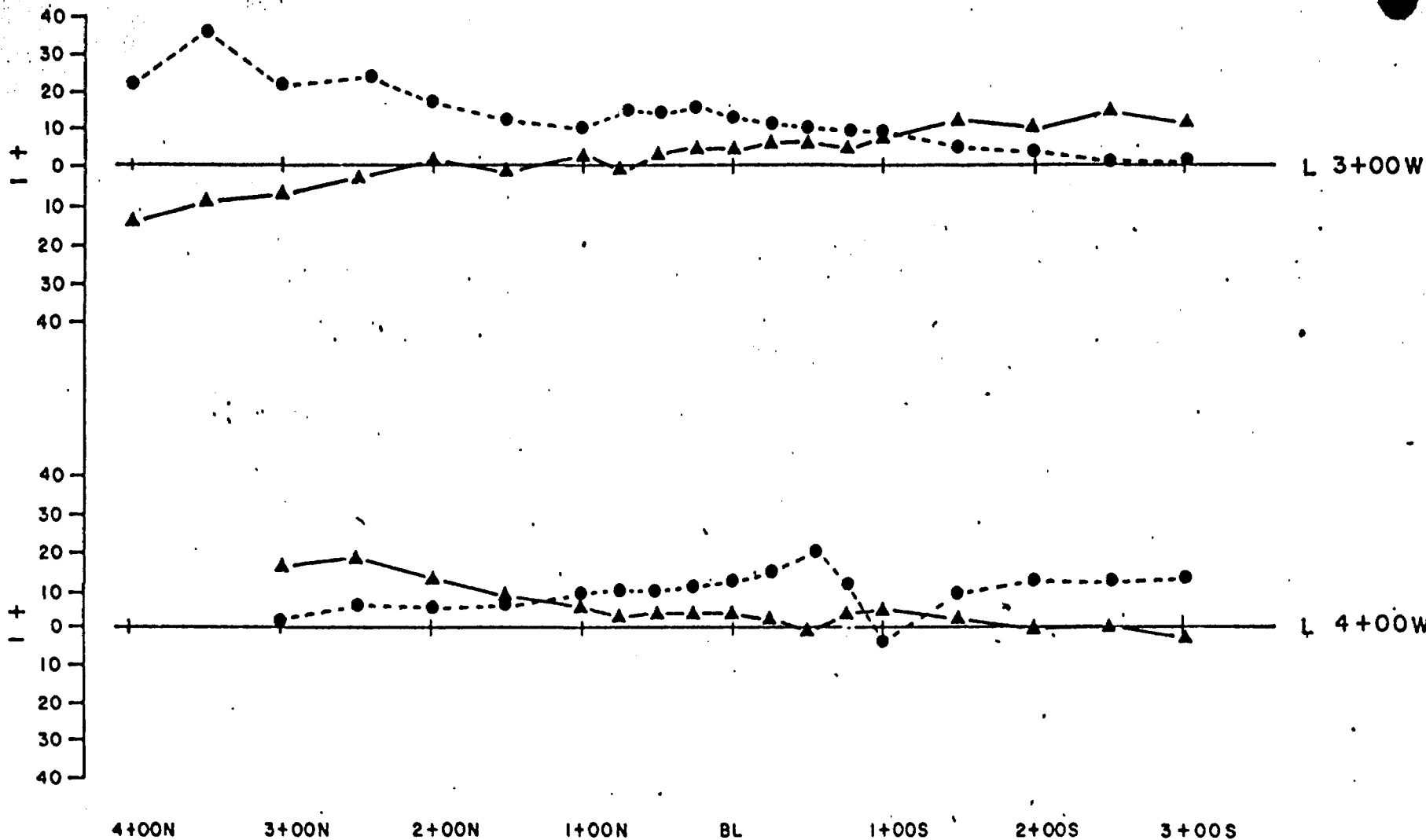
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SCALE

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- 1" ~ 40°



HOWRY CREEK
 CRONE RADEM PROFILES
 LINES 2+00W AND 1+00W
 CLAIM NO. 471653
 ONTARIO



SYMBOLS

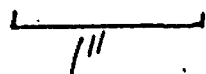
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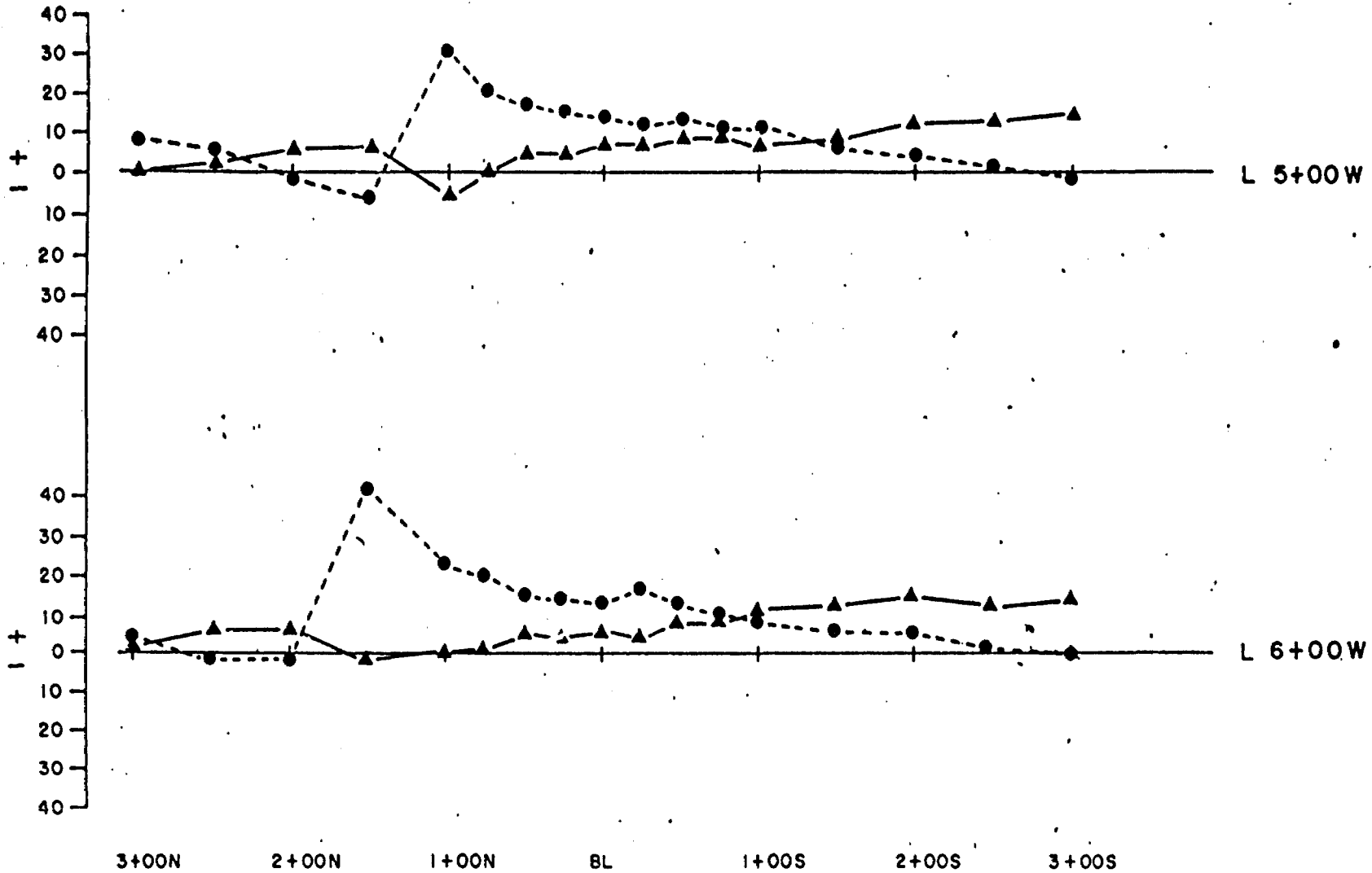
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HOWRY CREEK
 CRONE RADEM PROFILES
 LINES 3+00W AND 4+00W
 CLAIM NO. 471653
 ONTARIO

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SYMBOLS

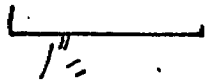
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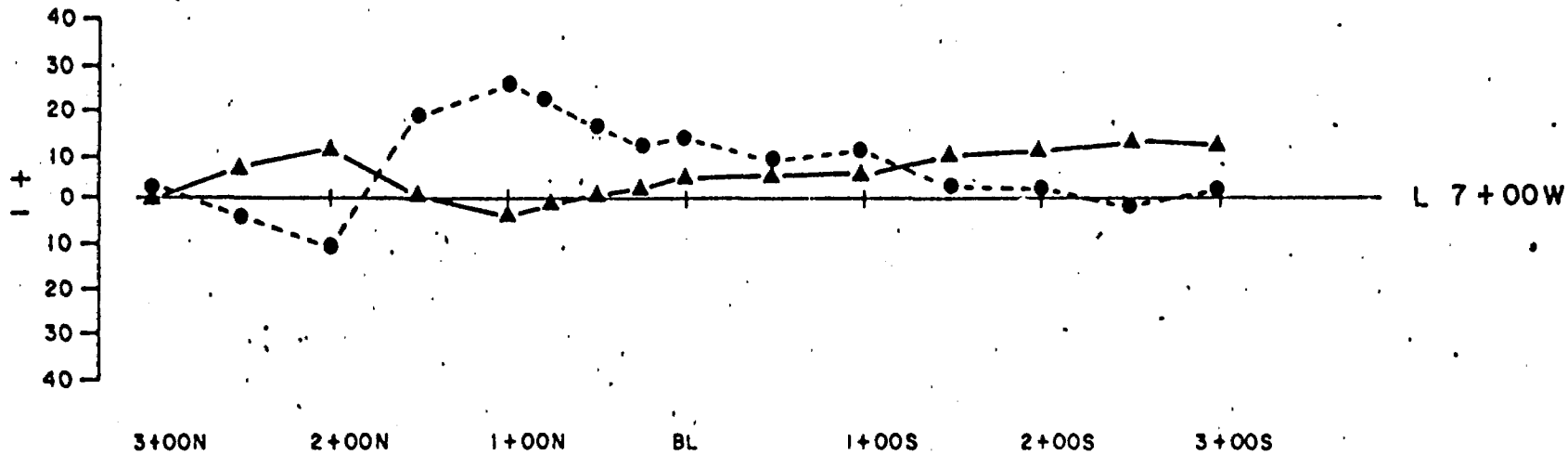
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—▲— In phase

1" ~ 40°



HOWRY CREEK
 CRONE RADEM PROFILES
 LINES 5+00W AND 6+00W
 CLAIM NO. 471653
 ONTARIO



SYMBOLS

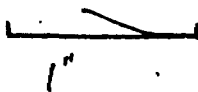
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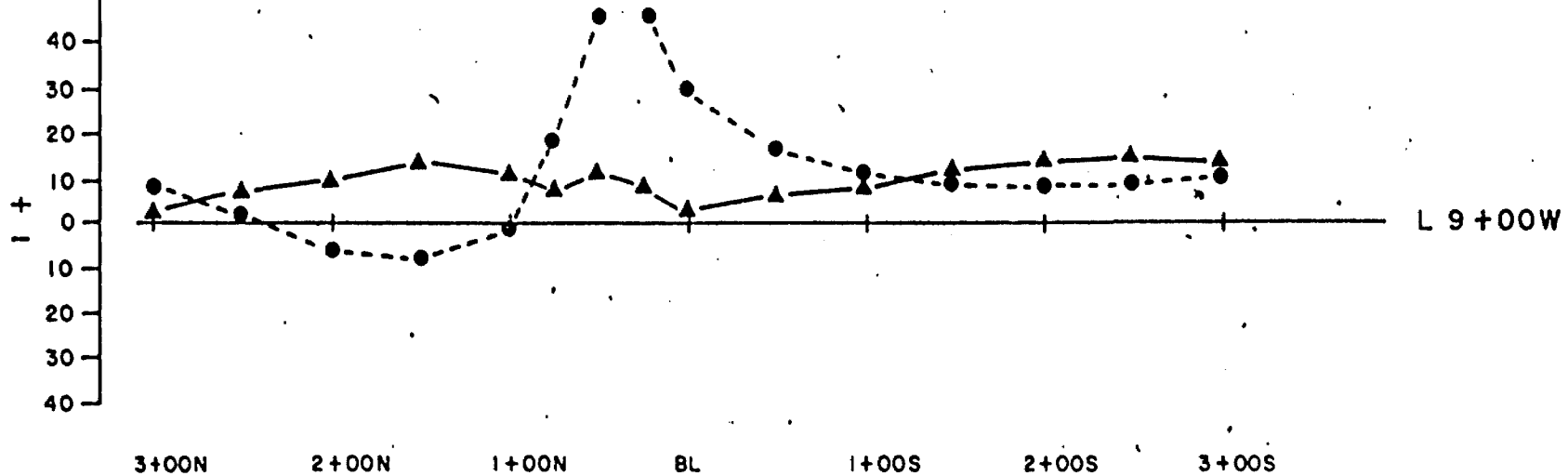
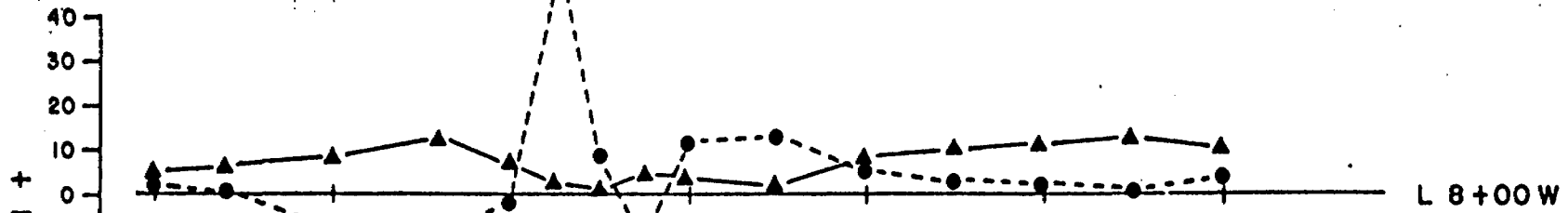
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1" ~ 40°



HOWRY CREEK
 CRONE RADEM PROFILES
 LINE 7+00W
 CLAIM NO. 471653
 ONTARIO

J. A. Fitt

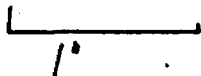


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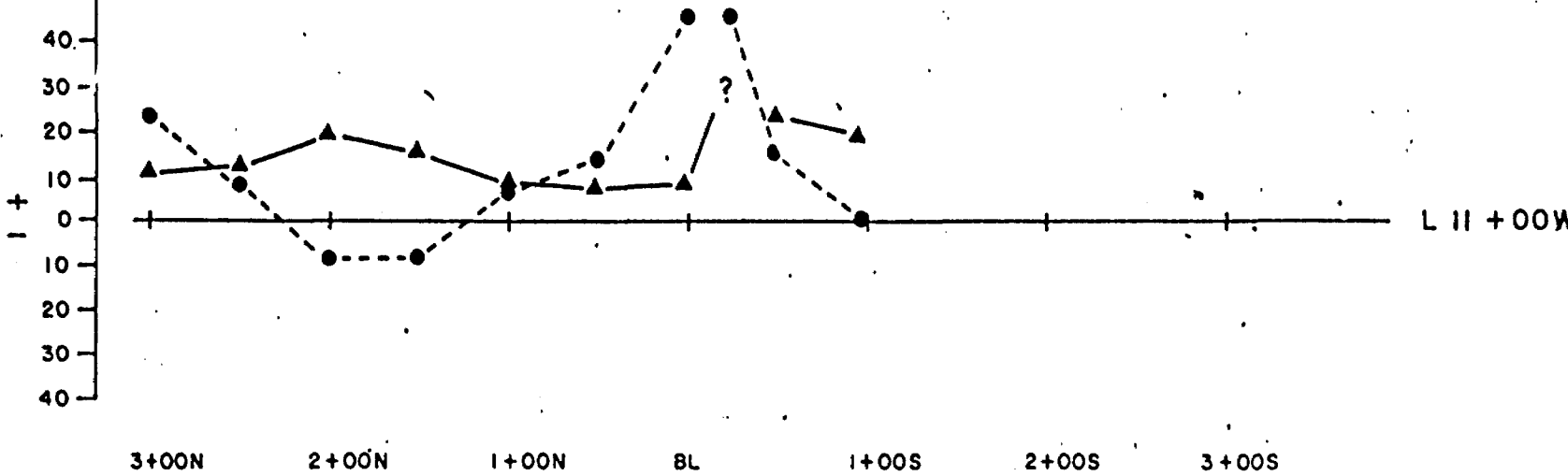
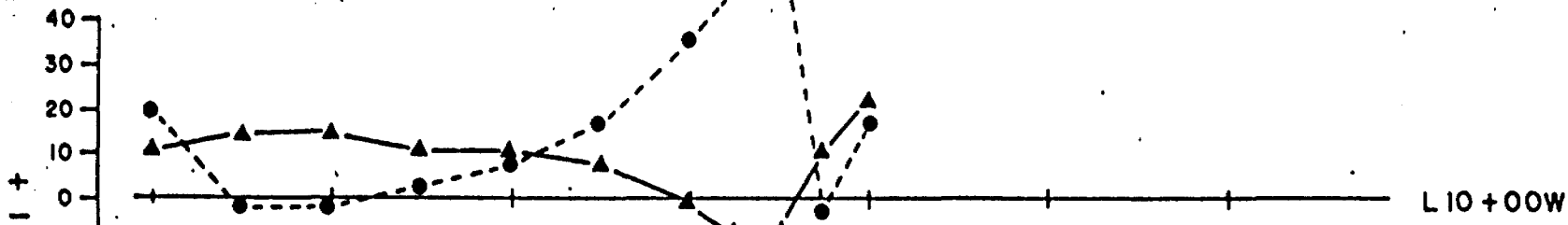
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- ▲— In phase

SCALE

- 1" ~ 40'
- 1" ~ 40°



HOWRY CREEK
CRONE RADEM PROFILES
 LINES 8+00W AND 9+00W
 CLAIM NO. 471653
 ONTARIO



SYMBOLS **SCALE**
 ---●--- Out of phase 1" ~ 40%
 —▲— In phase 1" ~ 40°



HOWRY CREEK
 CRONE RADEM PROFILES
 LINES 10 + 00W AND 11 + 00W
 CLAIM NOS. 471650 & 471653
 ONTARIO

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APPENDIX II
ASSAY RESULTS

X-RAY ASSAY LABORATORIES

21

LIMITED

115 LESLIE STREET

DON MILLS, ONTARIO M3B 3J4

(416) 445-5755

Certificate of Analysis

PAGE 1 of 1

RECEIVED May 31, 1979

INVOICE NO. 4829

SAMPLE(S) OF 3 rocks

SUBMITTED TO US SHOW RESULTS AS FOLLOWS:

<u>Sample</u>	<u>%Co</u>	<u>%Ni</u>	<u>%Cu</u>	<u>%As</u>
4986	0.07	0.02		12.8
4987	0.01	0.01	0.04	3.04
4988	0.48	0.08	0.02	34.9

<u>Sample</u>	<u>Au oz/ton</u>	<u>Ag oz/ton</u>	<u>Pt oz/ton</u>	<u>Pd oz/ton</u>
4986	0.64	Nil		
4987	0.08	Trace		
4988	1.86	0.04	Nil	Nil

Note: Trace - less than 0.20 oz/ton Ag

360.00
1.00
49.90

X-RAY ASSAY LABORATORIES LIMITED

DATE June 18, 1979

CERTIFIED BY *[Signature]*

X-RAY ASSAY LABORATORIES
LIMITED

1885 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4

CERTIFICATE OF ANALYSIS

INVOICE NO. 4987

24 ROCKS SUBMITTED ON 25-JUN-79

WERE ANALYSED AS FOLLOWS:

	UNITS	METHOD	DETECTION LIMIT
CO	%	XRF	0.010
AG	OZ/TON	FA	0.200
AU	OZ/TON	FA	0.010

DATE 13-JUL-79

X-RAY ASSAY LABORATORIES
CERTIFIED BY *J. G. [Signature]*
A. H. OPDESIGNER

SAMPLE	CO X	AG OZ/TON	AU OZ/TON
A2	TRACE	NIL	TRACE
A4	TRACE	NIL	NIL
A6	TRACE	NIL	NIL
A7	0.01	TRACE	0.11
A8	TRACE	NIL	TRACE
DT1	TRACE	NIL	0.01
DT6A	TRACE	NIL	TRACE
DT7A	0.01	NIL	TRACE
DT8A	0.02	TRACE	0.05
DT9A	0.02	NIL	0.03
L6	TRACE	NIL	0.01
L7	TRACE	NIL	TRACE
L8	0.07	TRACE	0.05
L9	0.01	NIL	TRACE
L10	TRACE	NIL	TRACE
L11	0.05	NIL	0.06
L12	TRACE	NIL	TRACE
L13	0.01	NIL	0.02
L14	0.08	TRACE	0.21
L15	NIL	TRACE	TRACE
L16	0.01	TRACE	0.18
L17	TRACE	TRACE	0.01
L18	0.06	TRACE	0.24
L19	TRACE	NIL	0.01



R Feb 16/82

1983 02 16

Your file:

Our file:

~~2-0376~~
2-3076.

Mining Recorder
Ministry of Natural Resources
199 Larch Street
Sudbury, Ontario
P3E 5P9



41104NE9564 2.3076 CURTIN

900

Dear Sir:

On October 19, 1979, assessment work was filed on each of Mining Claims S 471650-53 and S 472852 as per the attached notice. The holder of the claims, despite repeated requests did not provide complete survey reports. Considering that the claims were cancelled in July, 1981 our file is considered closed.

Yours very truly,

E.P. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1380

F.W. Matthews:sc

Encls:

cc: Dungarvon Resources Limited
750 West Pender Street
Suite 400
Vancouver, B.C.
V6C 2T7

cc: Resident Geologist
Sudbury, Ontario

KORTIN TWP.
 (M. 745)

FILE 5-47165

A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK ①

To the Recorder of SUDBURY Mining Division

ARTHUR T. ELLIOTT C 31734
 name of Recorded Holder Prospector's Licence

% CHARLTON LAKE CAMP, WHITEFISH FALLS ONTARIO
 Post Office Address

do hereby report the performance of 4 days of LINE CUTTING & CHIMNEY
 type of work

not before reported to be applied on the following contiguous claims (GEO PHYSICAL)

Claim No.	Days	Claim No.	Days
472852	7 1/3		
471653	1 1/3		
471650	1 1/3		

Geological Branch ODM
 ASSESSMENT FILES
 RESEARCH OFFICE
 OCT 23 1979
 RECEIVED

→ All the work was performed on Mining Claim (s) 472852 - 471653 - 471650
 (In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the date and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment
 Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond and other core drilling the sketch must be submitted in duplicate.
- For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Report Annexed. See map.

Date Oct 4/79

Arthur T. Elliott
 Signature of Recorded Holder or Agent

The Mining Act
 Certificate Verifying Report of Work

Arthur T. Elliott
% Charlton Lake Camp, Whitefish Falls, Ont
 (Post Office Address)

- hereby certify:
- That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.
 - That the annexed report is true.

Dated Oct 4 19 79

Arthur T. Elliott
 Signature



Ministry of Natural Resources

DURHAM 100.
(17.745)

File 5.47165

A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK (2)

To the Recorder of SUDBURY Mining Division

by ARTHUR T. ELLIOTT Prospector's Licence C-31734
name of Recorded Holder

1/2 CHARLTON LAKE CAMP, WHITEFISH FALLS ONT
Post Office Address

do hereby report the performance of 56 days of GEOLOGICAL MAPPING
type of work

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
472.862	18 2/3				
471.653	18 2/3				
471.650	18 2/3				

Geological Branch ODM
ASSESSMENT FILES
RESEARCH OFFICE
OCT 23 1979.
RECEIVED

All the work was performed on Mining Claim (s) 472.862, 471.653, 471.650
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
- For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Report Annexed. See map.

Date Oct 4/79

Arthur T. Elliott
Signature of Recorded Holder or Agent

The Mining Act
Certificate Verifying Report of Work

by Arthur T. Elliott
1/2 Charlton Lake Camp, Whitefish Falls, Ont.
(Post Office Address)

hereby certify:

- That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.
- That the annexed report is true.

Dated Oct 4 19 79

Arthur T. Elliott
Signature



Ministry of Natural Resources

LURTYN TWP. (M. 745)

file 54716

A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK (3)

To the Recorder of SUDBURY Mining Division

ARTHUR T. ELLIOTT name of Recorded Holder C-31734 Prospector's Licence

% CHARLTON LAKE CAMP, WHITEFISH FALLS, ONT. Post Office Address

do hereby report the performance of 28 days of RADIOMETRIC SURVEY type of work

not before reported to be applied on the following contiguous claims

(GEOPHYSICAL)

Table with columns: Claim No., Days, Claim No., Days. Entries include 472852 (9 1/3), 471653 (39 1/2), 471650 (23 1/2).

Geological Branch ODM ASSESSMENT FILES RESEARCH OFFICE OCT 23 1979 RECEIVED

All the work was performed on Mining Claim (s) ... (In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.
For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Report Annexed. Scintillator showed no potential over background of 1200 - R. Ginnon Geologist Gatty Mines Co.

Date Oct 4/79 Signature of Recorded Holder or Agent

The Mining Act Certificate Verifying Report of Work

Arthur T. Elliott % Charlton Lake Camp, Whitefish Falls, Ont. (Post Office Address)

- hereby certify: 1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion. 2. That the annexed report is true.

Dated Oct 4 19 79 Signature



Ministry of Natural Resources Ontario

CURTIN TWP. (47.745)

file 5. 1716

A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK

To the Recorder of SUBBURY Mining Division

ARTHUR T. ELLIOTT name of Recorded Holder C-31734 Prospector's Licence

% CHARLTON LAKE CAMP, WHITEFISH FALLS ONT. Post Office Address

do hereby report the performance of 28 days of VLF-EM SURVEY type of work

not before reported to be applied on the following contiguous claims

(GEOPHYSICAL)

Table with columns: Claim No., Days, Claim No., Days, Claim No., Days. Includes handwritten entries: 472852 9 1/3, 471653 23 9 1/3, 471650 9 1/3.

Geological Branch ODM ASSESSMENT FILES RESEARCH OFFICE OCT 23 1979 RECEIVED

All the work was performed on Mining Claim (s) 472852 - 471653 - 471650 (In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.
For Land Survey - The name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

CRONE VLF-EM (M-16). 100' Lines 25 grid
R Linnon, Geologist (see map)
Getty Mines Ltd
Toronto

Date Oct 4/79 Signature of Recorded Holder or Agent Art Elliott

The Mining Act Certificate Verifying Report of Work

Arthur T. Elliott % Charlton Lake Camp, Whitefish Falls Ont (Post Office Address)

hereby certify:

- 1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.
2. That the annexed report is true.

Dated Oct 4 1979 Signature Art Elliott



Ministry of Natural Resources

KURTIN TWP.
(M. 745)

file 5-4716-

A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK (5)

To the Recorder of SUDBURY Mining Division

by ARTHUR T. ELLIOTT name of Recorded Holder C-31734 Prospector's Licence

% CHARLTON LAKE CAMP, WHITEFISH FALLS ONT Post Office Address

do hereby report the performance of 32 days of ANALYTICAL COSTS.

not before reported to be applied on the following contiguous claims

ANALYSES. type of work

Claim No.	Days	Claim No.	Days	Claim No.	Days
471653	10 2/3				
472852	10 1/2				
471650	10 1/3				

Geological Branch ODM
ASSESSMENT FILES
RESEARCH OFFICE

OCT 23 1979

RECEIVED

→ All the work was performed on Mining Claim (s) 472852, 471653, 471650
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.

For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.

For Compressed Air or Other Power Driven or Mechanical Equipment

Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.

For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.

With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.

For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.

For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Report Annexed.

494.00 @ 15.00/day's work = 32 days.

Geol. Mines Ltd, Toronto
R. Linnan, Geologist

Date Oct 9/79

Art Elliott
Signature of Recorded Holder or Agent

WORK PERFORMED

July 12th/79 - orientation, prospecting, geological mapping

July 13th/79 - line cutting and chaining

July 14th/79 - line cutting and chaining

July 15th/79 - geological mapping

July 16th/79 - geological mapping

July 17th/79 - geological mapping

July 18th/79 - radiometric survey

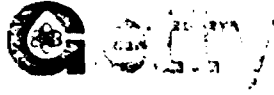
July 19th/79 - radiometric survey

July 20th/79 - VLF-EM survey

July 21st/79 - VLF-EM survey

Totals

line cutting & chaining	4 man days	4 days	work	1
geological mapping	8 man days	56 days	work	2
radiometric survey	4 man days	28 days	work	3
VLF-EM survey	4 man days	28 days	work	4
Analytical Costs	\$494.00 @ \$15.00/days work	32 days	work	5
		150 days	work	
		148		



Getty Mines, Limited | Suite 600, 10 King Street East, Toronto, Ontario M5C 1C3 • (416) 863-0487

December 1, 1980.

RECEIVED

FEB - 6 1981

MINING LANDS SECTION

Mr. Arthur T. Elliott,
Whitefish Falls, Ontario.

Dear Mr. Elliott:

Enclosed are two copies of the summary report, dated July 4, 1979, outlining work performed on your Howry Creek gold prospect, Espanola, Ontario. This work consisted of line-cutting (grid establishment), geological mapping, sampling, VLF-EM and radiometric surveys. The work was performed by myself and Mr. B. Linnen as a property evaluation project for Getty Canadian Metals, Limited.

Also enclosed is an outline of work performed on claims 471653, 471650 and 472852 that you may wish to file for assessment credit purposes.

Respectively Submitted,

Two handwritten signatures in black ink. The first signature is 'Dino Titaro' and the second is a more stylized signature, likely of the other person mentioned in the text.

Dino Titaro.
(Geologist - Getty Canadian Metals, Limited)

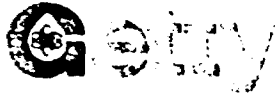
DT:rp
enc.

WORK PERFORMED

June 12th/79 - orientation, prospecting, geological mapping
June 13th/79 - line cutting and chaining
June 14th/79 - line cutting and chaining
June 15th/79 - geological mapping
June 16th/79 - geological mapping
June 17th/79 - geological mapping
June 18th/79 - radiometric survey
June 19th/79 - radiometric survey
June 20th/79 - VLF-EM survey
June 21st/79 - VLF-EM survey

Totals

line cutting & chaining	4 man days	4 days	work
geological mapping	8 man days	56 days	work
radiometric survey	4 man days	28 days	work
VLF-EM survey	4 man days	28 days	work
Analytical Costs	\$494.00 @ \$15.00/days work	<u>32 days</u>	work
		148 days	work



Getty Mines, Limited | Suite 600, 10 King Street East, Toronto, Ontario M5C 1C3 • (416) 863-0487

December 3, 1980.

Mr. Arthur T. Elliott,
Whitefish Falls, Ontario.

Re: Mr. Bob Linnen

Dear Mr. Elliott:

Bob Linnen was a summer student employed by Getty Canadian Metals, Limited for the 1979 field season. Mr. Linnen is a competent geologist who we feel is sufficiently qualified to evaluate your Howry Creek gold prospect as per the work performed on the property.

Yours truly,

A handwritten signature in cursive script, appearing to read "Dino Titaro".

Dino Titaro.

DT:rp

X-RAY ASSAY LABORATORIES

1365 Leslie St.
45 LESMILL ROAD

LIMITED

13B 3J4
DON MILLS ONTARIO M3R2T8

445-5755

Getty Mines Ltd. ✓
10 King St. East, Suite 600
Toronto, Ontario
M5C 1C3

Attn: Dino Titaro

DATE July 13, 1979

INVOICE NO 004987

ASSAY REPORT NO. 4987

ITEM		PRICE	AMOUNT
24	Co	\$6.00	1.20
24	Ag oz/ton	\$51.00	\$120.00
24	Au oz/ton	\$4.00	96.00
			\$360.00

1813-21-335-2-200-0100

TERMS. NET 30 DAYS

~~STATEMENT~~
I N V O I C E (corrected)
X-RAY ASSAY LABORATORIES

LIMITED

~~XXXXXXXXXXXX~~

~~XXXXXXXXXXXX~~

445-8755

1885 Leslie Street

Getty Mines Ltd.,
 Suite 600, 10 King St.E.,
 Toronto, Ontario.
 M5C 1C3

Don Mills, Ont. M3B 3J4

Date: June 18, 1979

INVOICE NO. 4829

Attn: R. Coll
 Vendor # 8654

Assay Report No. 4829

DATE		PRICE	AMOUNT
Item			
3	%Co	@ \$6.00	\$ 18.00
3	%Ni	5.50	16.50
2	%Cu	4.50	9.00
3	%As	9.50	28.50
3	Au, Ag oz/ton	9.00	27.00
1	Pt, Pd oz/ton	35.00	35.00
			\$134.00

COPY

TERMS: NET 30 DAYS

ASSESSMENT WORK BREAKDOWN

1. Type of Survey Geological Mapping, line-cutting, VLF-EM survey, radiometric survey

2. Township or Area Curtin Township

3. Numbers of Mining Claims Traversed by Survey 471650, 471653, 472852

4. Number of Miles of Line Cut 3.4 line miles Flown NIL

*5. Number of Stations Established Stations every 50' (281)

*6. Make and type of Instrument Used Crone Radon VLF, McPhar TVIA

*7. Scale Constant or Sensitivity ---

*8. Frequency Used and Power Output ---

9. Summary of Assessment Credits (details on reverse side)

Total 8 hour Technical Days (Include Consultants, Draughting etc.) ---

Total 8 hour Line-Cutting Days 4

Calculation $= 116 + 32 \text{ mandays for analytical work}$

$$\frac{16}{\text{Technical}} \times 7 = \frac{112}{\text{---}} + \frac{4}{\text{Line-cutting}} = \frac{148}{\text{---}} \div \frac{3}{\text{Number of claims}} = \frac{49}{\text{Assessment credits per claim}}$$

The dates listed on this form represent working time spent entirely within the limits of the above listed claims Check

If otherwise, please explain ---

Dated: --- Signed: ---

- Note: (A) * Complete only if applicable.
 (B) Complete list of names, addresses and dates on reverse side.
 (C) Submit separate breakdown for each type of survey.
 (D) Submit in duplicate.



Ontario

RECEIVED

OCT 23 1979

Ministry of
Natural
Resources

Notification of recording

MINING LANDS SECTION

of assessment work credits

Office of the Mining Recorder
174 Douglas Street West
Sudbury, Ontario, P3E 1G1
October 19, 1979

RECEIVED

OCT 23 1979

LANDS ADMINISTRATION
BRANCH

Supervisor, Projects Unit
Mining Lands Section
Ministry of Natural Resources
Room 1617, Whitney Block
Queen's Park, Toronto
M7A 1W3

Date of recording of work: October 19, 1979

Recorded holder: Mr. Arthur T. Elliott

Address: 82 A Frank St., Strathroy, Ont., N7G 1G1

Township or Area: Curtin Township

Type of survey and number of Assessment days credit per claim	Mining claims
Geophysical	S.471650 - <i>Can. July / 81</i>
Electromagnetic <u>9 1/3</u> days	S.471653 - "
Magnetometer _____ days	S.472852 - "
Radiometric <u>10 2/3</u> days	
Induced polarization _____ days	
Section 86 (18) <u>10 2/3</u> days	
Geological <u>18 2/3</u> days	
Geochemical _____ days	
Man days <input checked="" type="checkbox"/> Airborne <input type="checkbox"/>	
Special provision <input type="checkbox"/> Ground <input checked="" type="checkbox"/>	

Notice to recorded holder:

- Survey reports and maps in duplicate must be submitted to the Projects Unit, Toronto within 60 days from the date of recording of this work.
- Reports and maps are being forwarded to the Projects Unit with _____

V.C. Miller
 (Acting) Mining recorder
 c.c. Mr. Arthur T. Elliott
 82-A Frank St.
 Strathroy, Ont., N7G 1G1

1979-11-06

2.3076

Mr. V. C. Miller
Mining Recorder
Ministry of Natural Resources
174 Douglas Street West
Sudbury, Ontario
P3E 1G1

Dear Sir:

We have received reports and maps for Geophysical (Electromagnetic & Radiometric) and Geological surveys and Assaying submitted under Section 86 (18, 19 & 20) of The Mining Act, on mining claims S. 471650 et al, in the Township of Curtin.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours truly,

E. F. Anderson
Director
Lands Administration Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

/cba

cc: Mr. Arthur T. Elliott
Strathroy, Ontario

GEOLOGICAL BRANCH



Mr. R. Barlow

Date of Approval Jan 30 1980

Signature

R. Barlow

Comments:

~~Approved~~

- ① ULP papers need signature and legend
- ② radiation survey needs outline map etc



S.V. Burr

~~Mr. G. R. Kostra~~

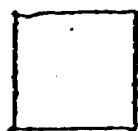
Date of Approval May 6 1980

Signature

S.V. Burr

Comments:

(geological maps not signed)



Dr. L. G. Closs

Date of Approval _____ 19__

Signature: _____

Comments:

LP

1930 07 14

Mr. Arthur T. Elliott
 32A Frank Street
 Strathroy, Ontario
 N7G 1G1

Dear Sir:

Re: Geophysical (Electromagnetic & Radiometric) and Geological
 surveys and Assaying/Section 36(18, 19 & 20),
 Mining Claims S. 471650 et al. Curtin Township,
 File 2.3076

Please show the mining claims/boundaries and numbers on the enclosed two Geological plans and eighteen Electromagnetic-Radiometric sketches, and have Mr. Robert Linnen sign each of these maps/sketches and submit a brief resume of his qualifications for our records.

Also, please furnish this office with the following data/information:
Electromagnetic - Radiometric sketches

1. A proper legend.

Geological plans

1. Colour the outcrops in accordance with the legend. ✓

Assaying

1. Indicate where each sample was collected (adit, shaft or trench).
2. Proof of payment (signed and dated receipts or cancelled cheques).

Lastly, please complete in duplicate the enclosed Man days breakdown forms for each type of survey.

For further information, if required, please contact Mr. F.W. Matthews (telephone 965-6913).

Yours very truly,

E.P. Anderson
 Director
 Land Management Branch

Whitney Block, Room 6450
 Queen's Park
 Toronto, Ontario
 M7A 1W3
 Phone: 416/965-1316

OJ:ie

cc: Mr. Arthur T. Elliott
 Whitefish Falls, Ontario

Mr. V.C. Miller
 Mining Recorder
 Sudbury, Ontario

REGISTERED

2.3076

December 19, 1980

Mr. Arthur T. Elliott
82A Frank Street
Strathroy, Ontario
N7G 1G1

Dear Sir:

Please reply to my letter of 1980 07 14 a copy of which is enclosed.

If the data is not provided by January 2, 1981, the mining recorder will be authorized to delete the assessment work credits from the claims.

Yours very truly,

E.P. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3

FWM:wg

Encls.

c.c. Mr. Arthur T. Elliott
Whitefish Falls, Ontario

Mr. V.C. Miller
Mining Recorder
Sudbury, Ontario

REGISTERED

2.3076

January 13, 1981

Mr. Arthur T. Elliott
62A Frank Street
Strathroy, Ontario
N7G 1G1

Dear Sir:

Please reply to my letter of 1980 07 14 a copy of which is enclosed.

If the data is not provided by 1981 02 01, the mining recorder will be authorized to delete the assessment work credits from the claims.

Yours very truly,

E. F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3

FWM/rt
encls.

cc; Mr. Arthur T. Elliott
Whitefish Falls, Ontario

Mr. V. C. Miller
Mining Recorder
Sudbury, Ontario

RECEIVED	
Land Management Branch	
<input checked="" type="checkbox"/> CIRCULATE	<input type="checkbox"/>
<input type="checkbox"/> COMMENTS PLEASE	<input type="checkbox"/>
BY	
FEB-6 1981	
E. F. Anderson	
J. R. Smith	
J. C. Smith	
W. S. Vaughan	
W. S. Vaughan	
W. S. Vaughan	

DUNGARVON RESOURCES LTD.
Suite 800
55 University Avenue
Toronto, Ontario
M5J 2K4

RECEIVED

FEB - 6 1981

MINING LANDS SECTION

363-1178

February 2, 1981

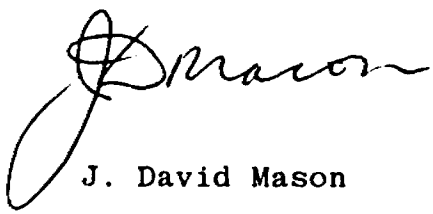
Mr. E.F. Anderson
Director
Land Management Branch
Ministry of Natural Resources
Whitney Block, Room 6450
Queen's Park
Toronto, Ontario M4A 1W3

Dear Mr. Anderson:

Re: File 2.3076

Further to your letter of January 13, 1981, we are enclosing a copy of the geology, geophysics and assaying reports pertaining to claims S.471650, 471653 and 472852. Please note that these claims have been transferred to W.S. Vaughan who is holding them in escrow for Dungarvon Resources. We informed Mr.J.C. Smith that the reports were not available to us prior to January 26 and that copies were being processed and sent to your attention as soon as possible.

Sincerely,



J. David Mason

JDM:ab

1981 02 06

2.3076

Mr. Arthur T. Elliot
82A Frank Street,
Strathroy, Ontario
N7G 1G1

Dear Sir:

Re: Geophysical (Electromagnetic & Radiometric) and
Geological surveys, and Assaying/Section 86(18,
19, & 20) Mining Claims S 471650 et al, Curtin Township.
File 2.3076

We have received one Geological map and report for the
above survey. All maps and report must be submitted in
duplicate. Please forward a copy of the Geological map.
In addition please submit a Geophysical (Electromagnetic)
and Radiometric map (in duplicate).

Upon receipt of the above material a statement of
assessment work credits will be issued.

Yours very truly

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone 416/965-1316

js

cc: Mr. V.C. Miller
Sudbury, Ontario

David Mason.

Hungarian
Benjamin Peacock.

Feb 1/81.

File 2.3076

work performed by Getty.
in mail to day.

Geophiles
Feb 1/81.

1981 03 23

2.3076

Dungarvon Resources Ltd.
Suite 800 - 55 University Avenue
Toronto, Ontario
M5J 2K4

Gentlemen;

Enclosed is a copy of a letter which was sent to Mr. Arthur T. Elliot and which was returned marked "moved". If possible, please provide the required data in order that we may close this file and approve the assessment credits.

Yours truly,

E. F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park, Toronto
M7A 1W3
Phone: 416/965-1316

FM:WL
Encl.

June 8, 1981

2.3076

Dungarvon Resources Ltd.
Suite 800 - 55 University Avenue
Toronto, Ontario
M5J 2K4

Dear Sir:

Re: Geophysical (Radiometric and Electromagnetic) Survey
on mining claims S. 471650 et al, in the Township of
Curtin.

May I please have a reply to my letters of February 6/81 and
March 25, 1981, copies of which are enclosed.

For further information, please contact Mr. F.W. Matthews at
965-1380.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

SH/bk

Encl.

cc: Mining Recorder
Sudbury, Ontario

2. 3076

1982 04 13

Dungarvon Resources Ltd.
Suite 800 - 55 University Avenue
Toronto, Ontario
M5J 2K4

Dear Sirs:

On October 19, 1979 you recorded Electromagnetic, Radiometric, Geological and Assay Expenditure work credits on mining claims S 471650, 471653 and S472852 in Curtin Township. Since that time, six letters have been written to the recorded holder of the claims and your company requesting the filing of complete data as required under the Mining Act. Your report still lacks the following:

1. An electromagnetic plan (in duplicate) showing the claim boundaries and numbers, the traverse lines, the readings at each station and the profiles. Also, a legend, north sign, key map and drawn on scale between one to 500 feet per inch.
2. Radiometric plan (in duplicate) showing same data as required in No. 1 above.
3. A duplicate copy of the geological plan - we already have one copy.
4. Receipts from X-Ray Assay Laboratories (or copies of cancelled cheques) verifying that they were paid \$494.00 for the assays (their Invoices 4987 and 4829)

If the above data is not provided by April 30, 1982, the Mining Recorder will be authorized to cancel the work recorded on October 19, 1979.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316
FW Matthews/...

cc: Mining Recorder - Sudbury, Ont.