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LATOUR LAKE PROPERTY

JUN 2 8 1982

## MINING LANDS SECTION

Latour Lake is in Lorrain Township, Distric of Temiskaming Sudbury Mining Division. The lake itself is located in the
south half of lots 6, 7 & 8 of conn. II. A block of
17 contiguous claims encompasses the entire lake continuing
to the East into the South half of lot 9 plus 5 claims in the
North half of lots 8 & 9 conn. I, as per attached sketch.

The claims are accessible both by float plane and by 4 wheel drive vehicle on an access road, approximately 6.5 Km off Highway 567 commonly referred to as Silver Center Road.

A main Ontario Hydro transmission line cuts tangentially across the eastern claims 574571 - 574577 - 567312 - 567310 on a bearing of N 37° E. Though this close proximity of hydro will undoubtedly be a valuable asset to further mining developments it has a somewhat detrimental effect on geophysical instrument reading in the immediate vacinity.

### LATOUR LAKE PROPERTY - LORRAIN TWP. - SUDBURY MINING DISTRICT

As part of an ongoing exploration geophysics program on the Latour Lake Property in Lorrain Twp., an expanded VLF survey was completed. The survey covers the six claims that encompass Latour Lake itself. See attached plan and work permit.

The EM-16 survey was conducted March 5 - 9, 1982 inclusive. The survey consisted of the placement of an 8.6 km grid with the base line down the center of the lake. Lines were at 400 spacing, while stations were at 50' intervals along the lines. One intermediate line, 3 + 50, was run to the north of the base line to help deliniate high readings on both lines 3 and 4 north.

The grid was tied on to a previous VLF survey completed on claim No. 576313 during the summer of 1982.

Obstacles such as sheer cliffs and old hydro transmission lines forced some lines to be cut short due to erratic readings.

The Fraser Filtered contour map and profile sections show what appears to be a conductive fault down the center of the lake. Erratic high readings on lines 3, 3 + 50, and 4 north were probably due to conductive clays and silt in the mouth of the creek.

No clear discernible anomaly was identified, however the cross-over along the fault may indicate the presence of sulphides.

Recommendation by the resident geophysical instructor is that the areas of erratic highs should be gone over with either a Max-Min II unit or CEM unit using the shoot-back method. This would help filter out the conductive silt and clay problems along the shore line.

The remnant of the hydro line along the south shore of the lake creates severe difficulties in appraising the results, especially along the prominent land features on claim No. 605173 and No. 605177.

This portion of the survey is being submitted at this time, with the thought that perhaps a geochemical sampling program, unaffected by the hydro line will be conducted this summer in the area of No. 1 shaft and trenches. Detail mapping on the south shore of the lake is the only way to establish the presence of any major geological structure, as the wire from the power line and the sheer terrain preclude any additional geophysical surveys.

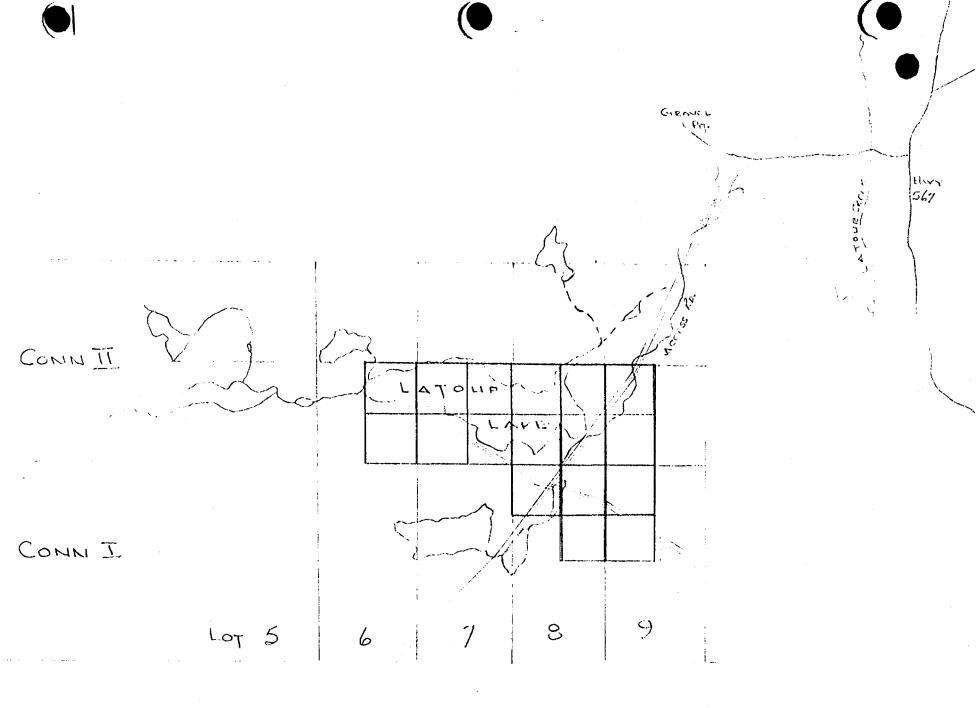
The March, 1982 EM-16 survey was completed using the signal from Cutler, Maine and with operator traversing north to south and facing south for all readings. The only condition of the work permit was fulfilled, with removal of all grid markings from the lake ice.

The initial consideration to embark on a diamond drill program will have to be discussed in depth in view of the inconclusive results of the VLF survey.

Respectfully submitted

To June all

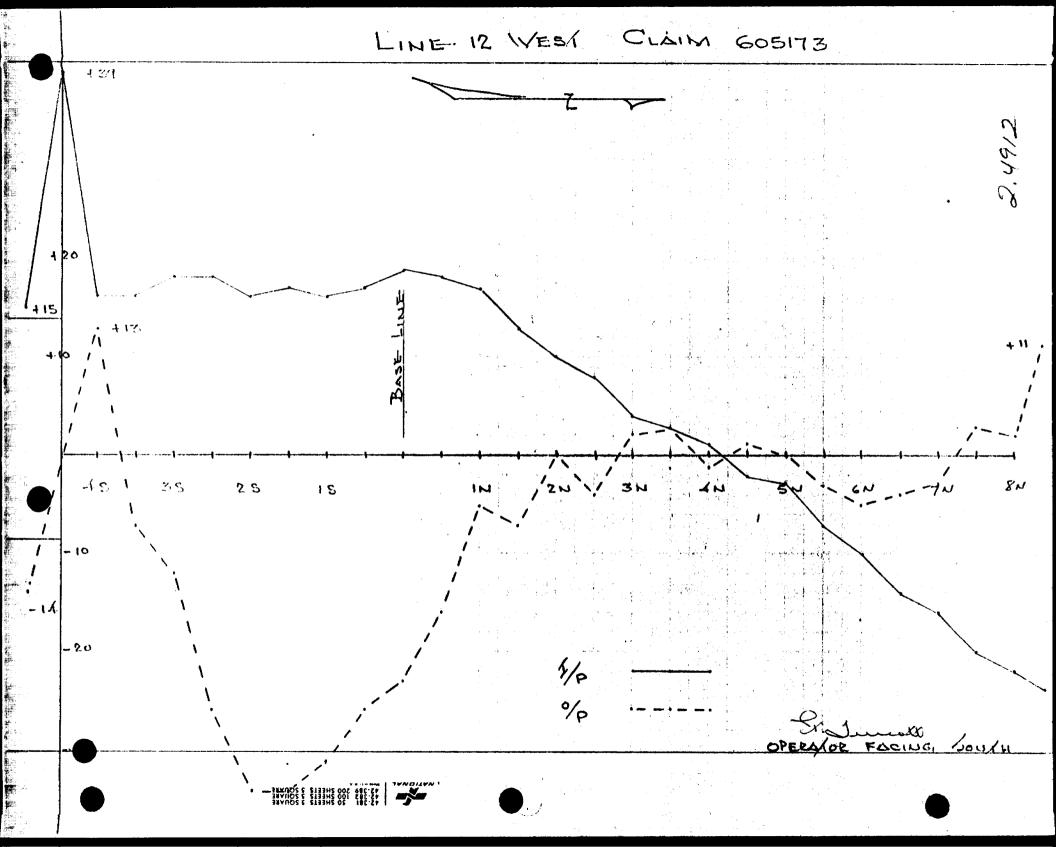
Gary Turcott, Co-Ordinator Civil/Mining/Geology, Cambrian College



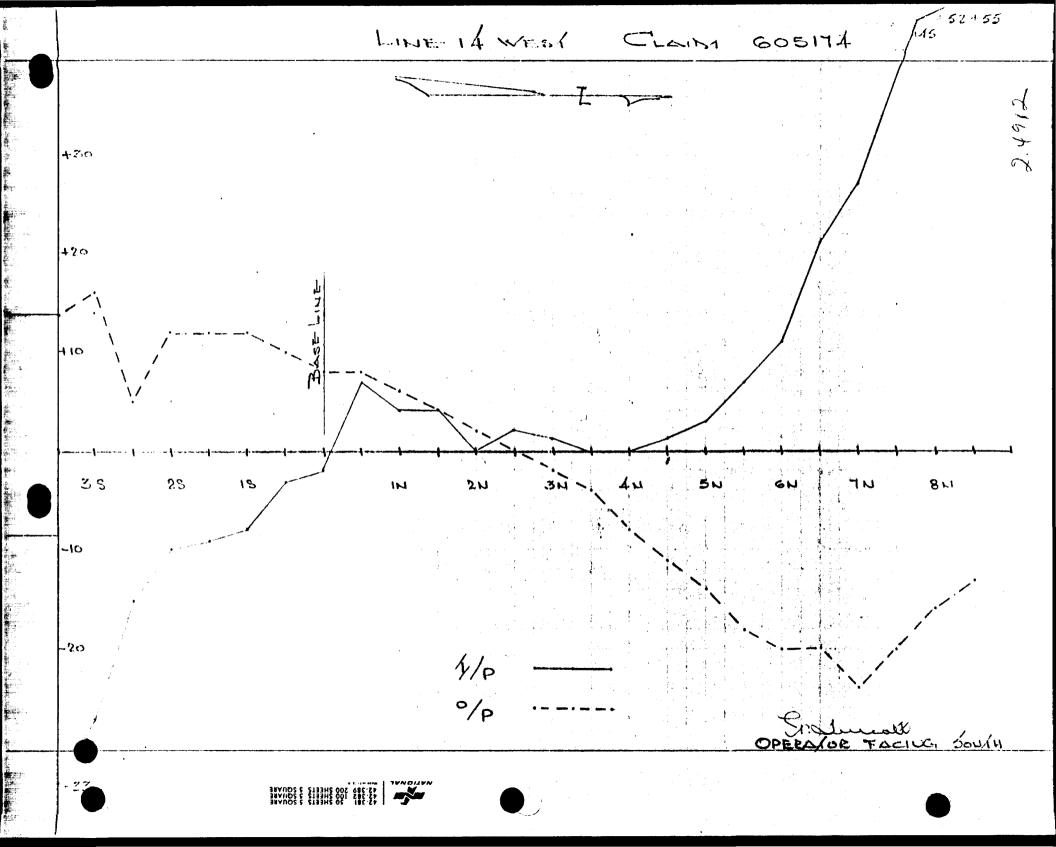
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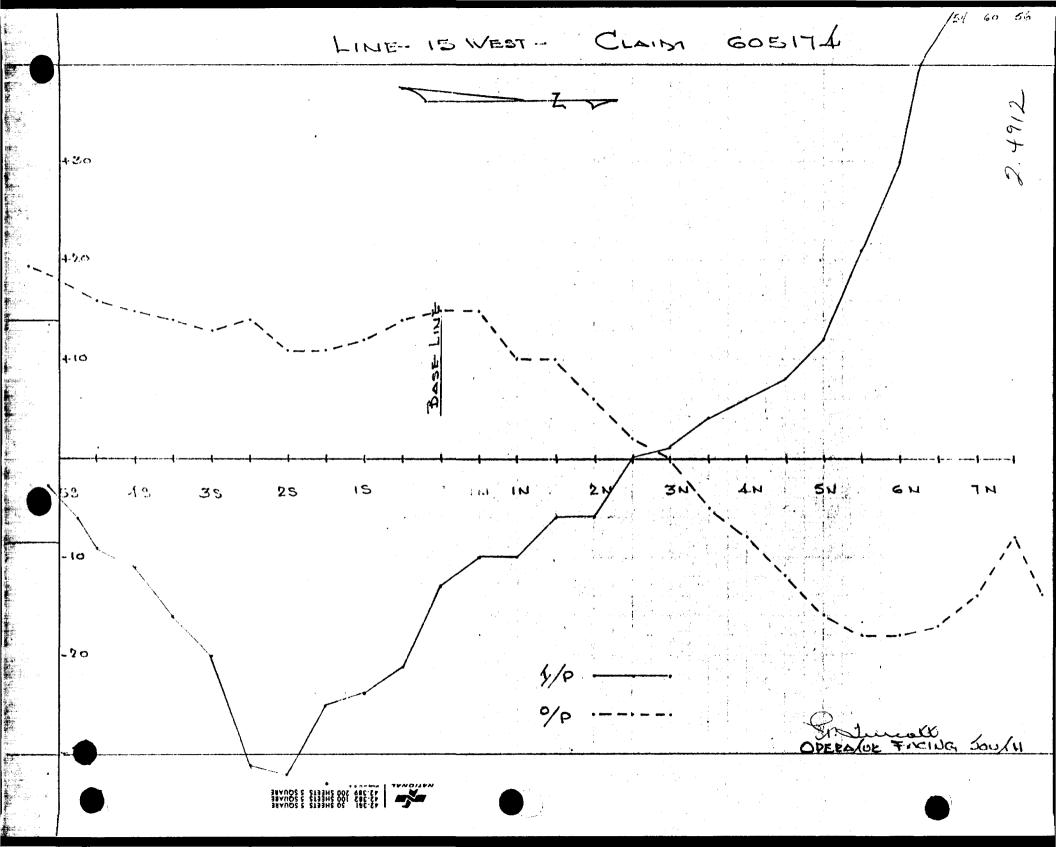
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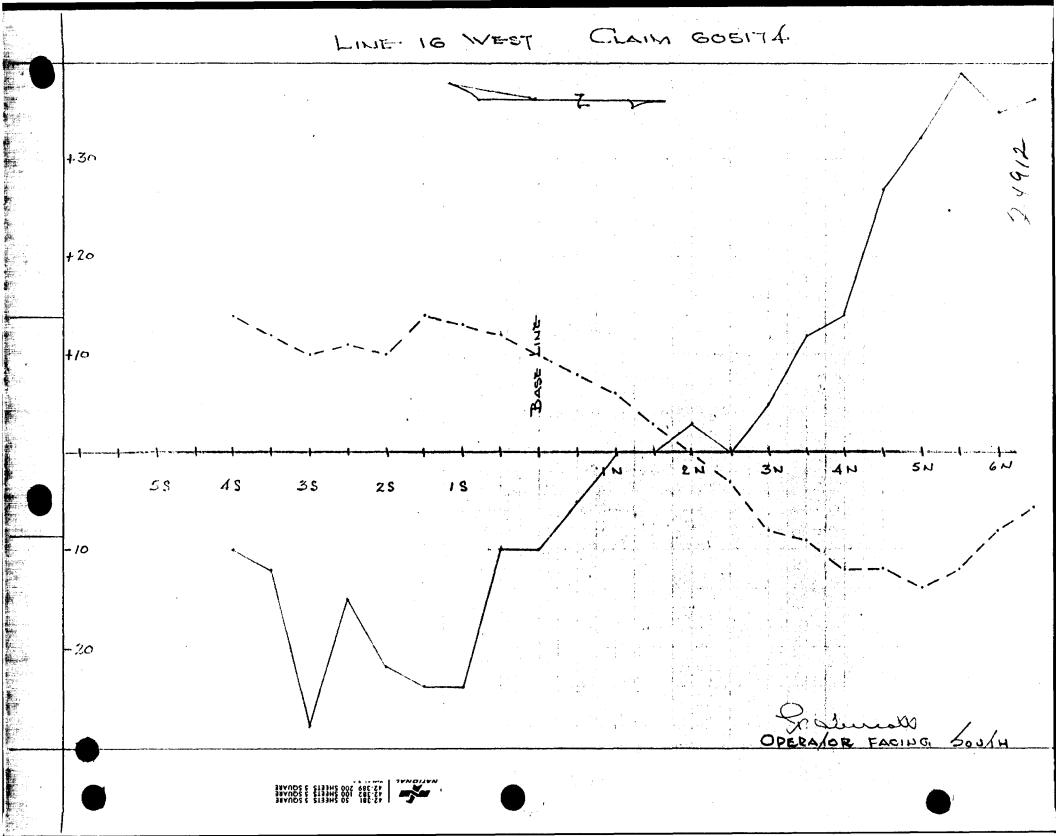
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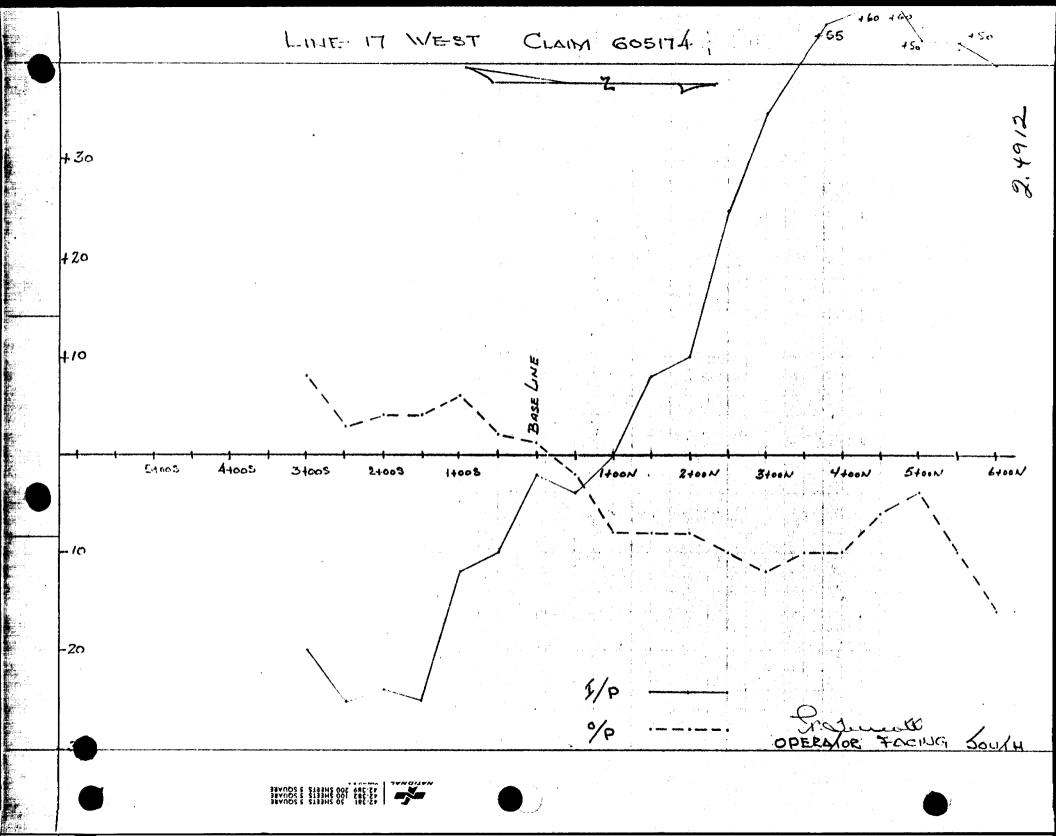


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# Report of Work



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	Name and Address of Author (of Geo-Technical report)  G. TURCOTT, 1824 Rutherglen Cres., Sudbury, Ontario P3A 2K3								
P/	Credits Requested per Each	Claim in Columns at r	ight	Mining C	laims Traversed	(List in num			
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	includes line cutting)	- Magnetometer			605172	21 1/4		CELL	
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	· Note: Special provisions	Electromagnetic							
	credits do not apply to Airborne Surveys.	Magnetometer			SHIDE WY				
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	Certification Verifying Repo		une		<del></del>	<u>,                                     </u>	<u></u>	<del></del>	
	Thereby 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 and the annexed report is true.								
	Name and Postal Address of Person Certifying  G. TURCOTT, 1824 Rutherglen Cres., Sudbury, Ontario P3A 2K3								
	Date Certified Date Certified by (Signature)								
	<b>3</b> 62 (81/9)				June	18, 1982	1,21.5	<u>June</u>	<u> </u>

R.M. Clarke 24 Bay Street Parry Sound, Ontario P2N 1S5

Dear Sir:

RE: Geophysical (Electromagnetic) Survey submitted on Mining Claims \$574577 et al in the Township of

Lorrain

Enclosed is a copy of our letter dated March 25, 1983, requesting additional information for the above-mentioned survey.

Unless you can provide the required data by July 22, 1983, the mining recorder will be directed to cancel the work credits recorded on June 24, 1982.

For further information, please contact Mr. F.W. Matthews at (416) 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) 965-1880

S. Hurst:mc

Encl.

cc: Mining Recorder Sudbury, Ontario 1983 03 25 2.4912

Mr. R.M. Clarke 24 Bay Street Parry Sound, Ontario P2N 1S5

Dear Sir:

RE:

Geophysical (Electromagnetic) Survey submitted on Mining Claims \$ 574577 et al in the Township of Lorrain.

Enclosed are the plans, in duplicate, for the above mentioned survey. In order to complete your submission we require the following:

- a) a legend showing how the units measured are plotted,
- b) the north direction must be shown (indicate whether astronomic or magnetic),
- c) V.L.F. dip angle data requires the raw data to be plotted on the maps.

Enclosed also is a complete copy of the survey. We only require 2 copies.

For further information, please contact Mr. F.W. Matthews at 416/965-1380

Yours very truly,

E.F. Anderson Director Land Management Branch

Whitney Block, Room 6450 Queen's Park Toronto, Ontario M7A 1N3 Phone: 416/965-1380

A. Barr:sc

Encls:

cc: Mining Recorder, Sudbury, Ontario.



Ministry of Natural Resources

Geotechnical Report Approval

Jee 14/82

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1982 07 16 2.4912

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

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic) survey submitted on Mining Claims S 574577 et al in the Township of Lorrain.

This material will be examined and assessed and s 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 Teronto, Ontario M7A 1W3 Phone 416/965-1316

J. Skura:sc

cc: R.M. Clarke
Parry Sound, Ontario

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1983 08 17

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Mr. V.C. Miller
Mining Recorder
Ministry of Natural Resources
199 Larch Street
Sudbury, Ontario
P3E 5P9

Lovain 31M/85E Tinkery

Dear Sir:

7 clair.

R.M. Clarke recorded 21.25 days Electromagnetic assessment work credits on each of Mining Claims S 576314, S 605172 to 174 inclusive; S 605177-78; S 574577 on June 24, 1982.

Additional information has been requested and not supplied.

You are hereby authorized to delete the work credits recorded on June 24, 1982, from each of the claim record sheets. Please inform the recorded holder accordingly.

Yours very truly,

E.F. Anderson Director Land Management Branch

Whitney Block, Room 6450 Queen's Park Toronto, Ontario M7A 1W3 Phone: (416)965-1380 Sy & Inscott

E M Profiles

S. Hurst:mc

cc: R.M. Clarke
24 Bay Street
Barry Sound, Ontario
£2N 1S5

cc: Regional Geologist Richmond Hill, Ontario 1983 08 17 2.4912

Resident Geologist
Ministry of Natural Resources
Ontario Government Building
199 Larch Street
10th Floor
Sudbury, Ontario
P3E 5P9

Dear Sir:

RE: Geophysical (Electromagnetic) Survey on Mining Claims S 576314 et al in Lorrain Township

R.M. Clarke, the recorded holder of mining claims S 576314 et al has been asked to submit additional information for the above-mentioned survey and has not complied. This report therefore, has not been assessed.

Enclosed is a copy of the report and maps for your information.

Yours very truly,

E.F. Anderson Director Land Management Branch

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

S. Hurst:mc

Encl.

cc: Mining Recorder Sudbury, Ontario



### Work Permit

Distribution Part 1 - Permittee

2 - File

3 - Field Office

4 - Other

nder The Forest Fires Prevention Act and the regulations, and subject to the limitations thereof and subject also to the terms and conditions ein, this permit is issued to:

Name of Permittee

G. TURCOTT

Post Office Address

1824 RUTHERGLEN CRESCENT, SUDBURY, ONTARIO

To conduct an operation from the 26th day of FEBRUARY

, 1982 to and including the 31st day of MARCH

. 19 82 .

on the following work permit area:

LORRAIN TOWNSHIP,

LOTS 6,7,8, CONCESSION II

CLAIMS # 605172, -73, -74, -75, -76, -77, -78, 576313, -14, 574577.

For the purpose of

**GEOPHYSICS** 

#### Subject to the following conditions

- 1. The Permittee shall keep this permit or a true copy thereof on the work permit area.
- 2. The person in charge of the operation conducted under this permit shall produce and show this permit or the true copy kept on the work permit area to any officer whenever requested by the officer.
- 3. Other conditions:

WHEN FINISHED PROJECT , PICK-UP ALL PICKETS FROM SITE.

Place of Issue

Date of Issue

ignature of Issuip Officer

McFARLANE LAKE/ SUDDURY

1982 02 22

<u>Important</u>

Separate authority must be obtained before cutting any timber and before doing any burning.

This permit does not authorize the permittee to carry on operations on privately held land, as such authority can be given only by the owner of the land.

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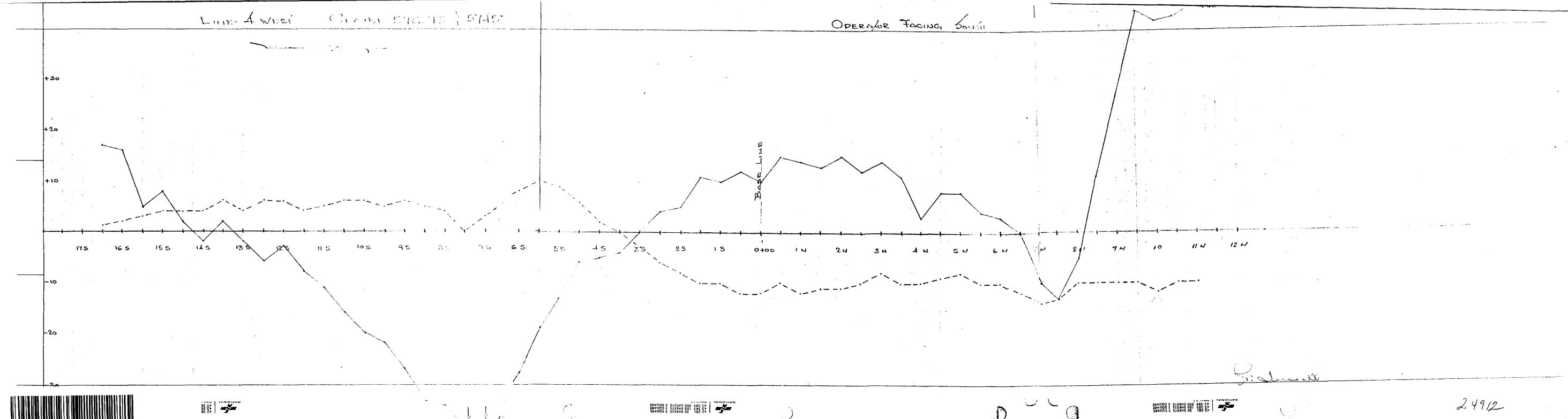
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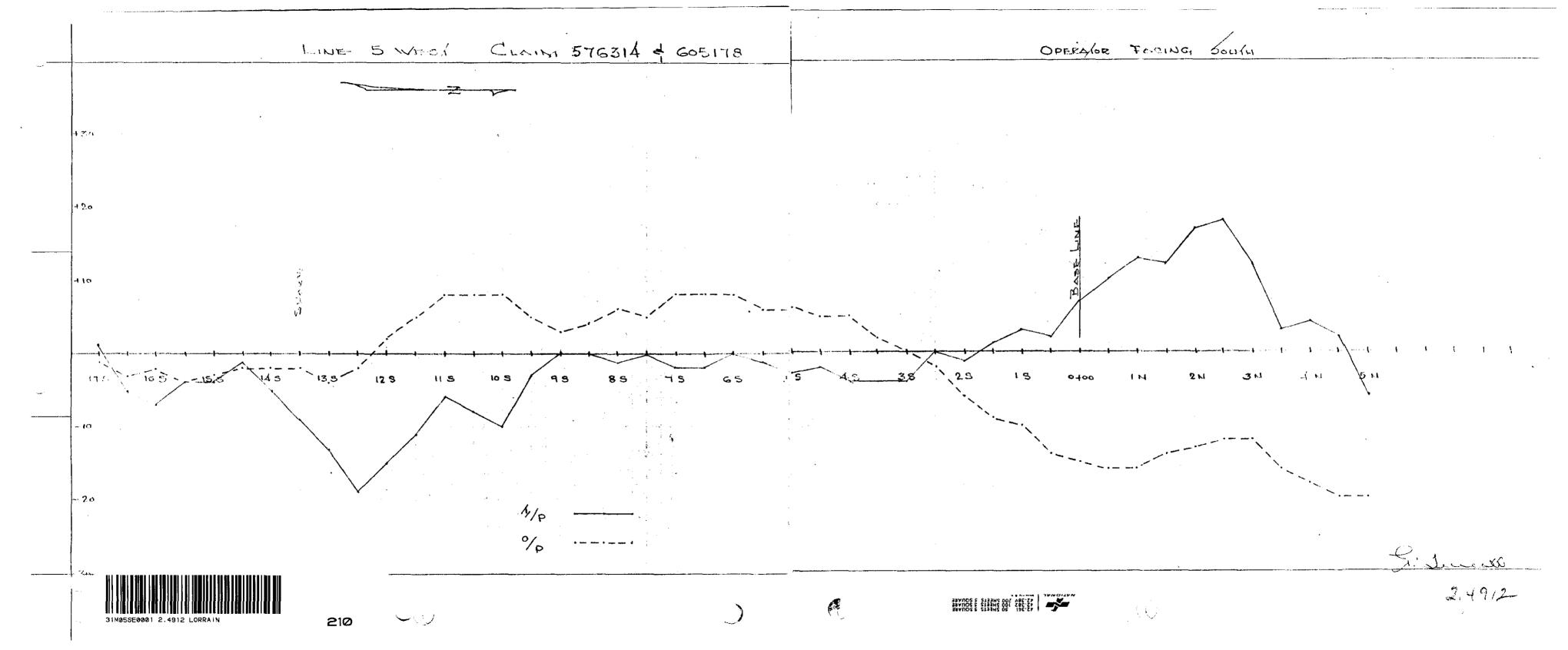
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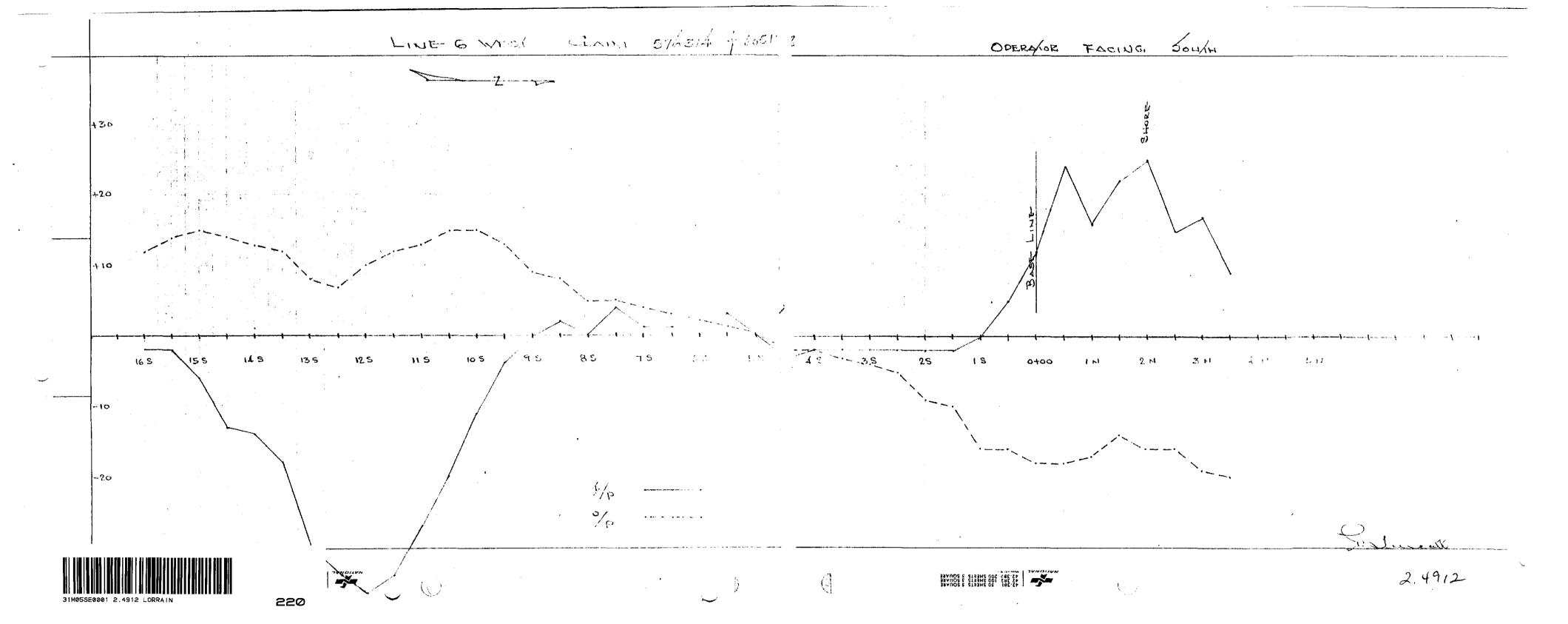
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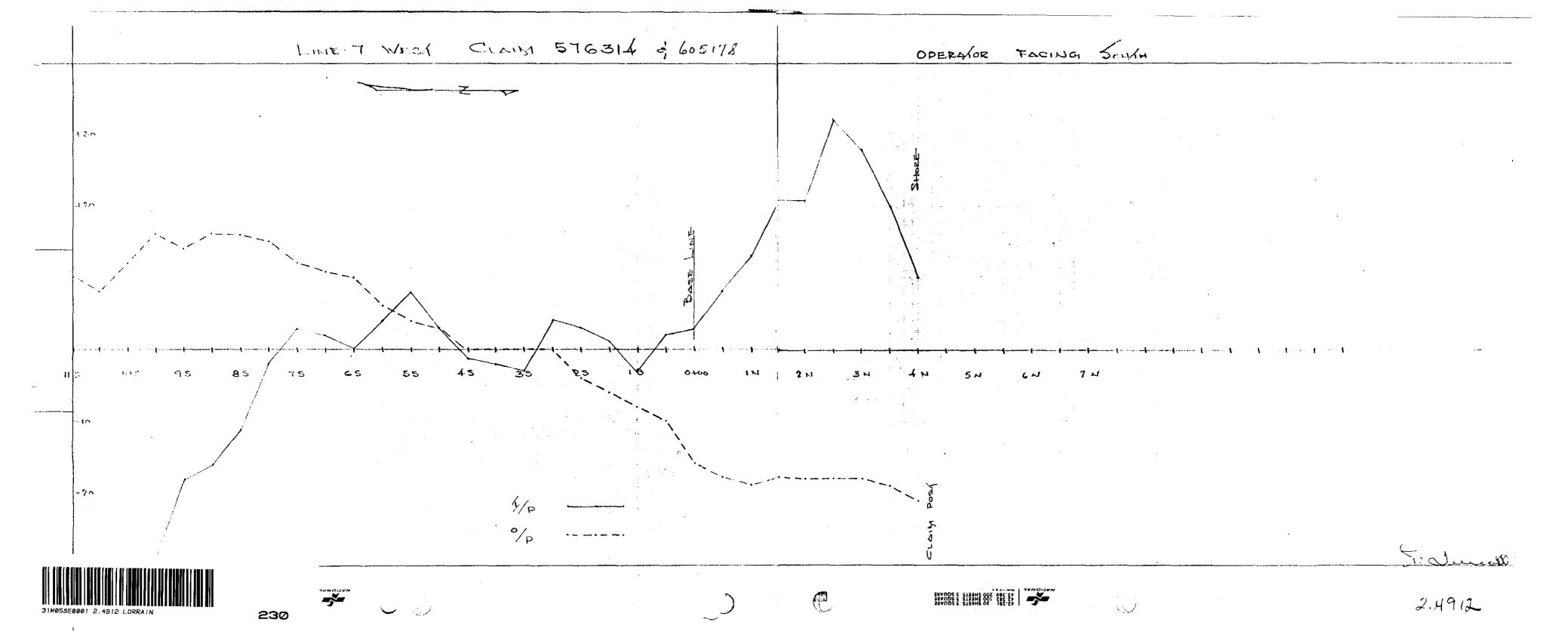
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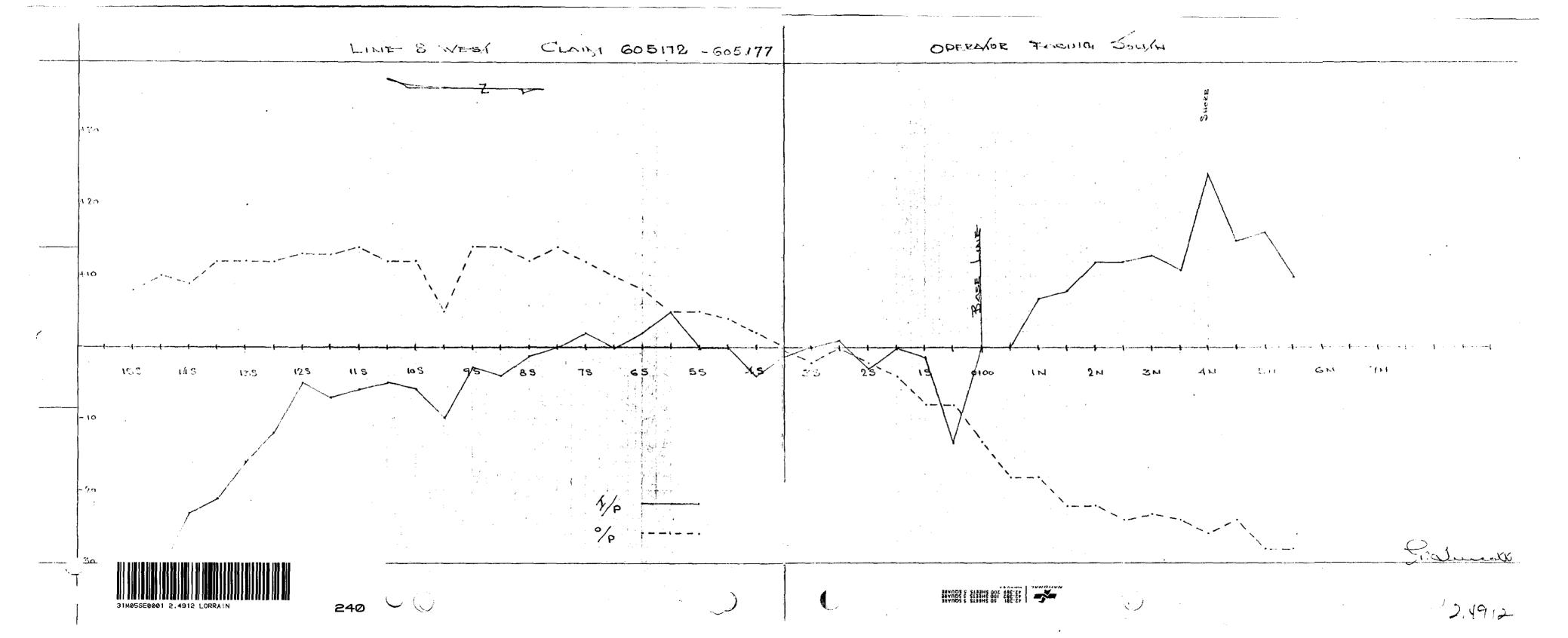
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CLANS - 605172 - 605177 LINE 9 WEST

