



Part 3  
of 3

GEOTRONICS SURVEYS LTD.  
420-890 W. PENDER ST.  
VANCOUVER, CANADA V6C 1J9  
(604) 687-6671

September 19, 1980

Lakewood Mining Co. Ltd.  
2245-W. 13<sup>th</sup> Avenue  
Vancouver, B.C.

Attention: Charles Boitard  
President

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

9271  
NO. \_\_\_\_\_

Dear Sirs:

Electromagnetic Surveying  
KAM CLAIM  
Cherry Creek Area  
Kamloops M.D., B.C.

This letter constitutes a summary report on the above-named geophysical work. A more detailed report will be submitted at a later date.

The instrument used was a Max Min EM system, manufactured by Apex Parametrics Limited of Markham, Ontario. The work was done over a grid placed during a previous VLF-EM survey. The purpose of the Max Min work was to test an anomaly discovered by the VLF-EM survey carried out in August, 1979.

After testing various frequencies, the one chosen was 1777 Hz. Two coil separations of 150 m and 200 m were tested on line 80 S and from this the 200 m coil separation was chosen. Five lines, from 60 S to 100 S, were run altogether. These lines have a separation of 100 m. The reading interval was 50 m.

For the purpose of greater detailing, lines 75 S, 80 S, and 85 S were run with a coil separation of 250 m.

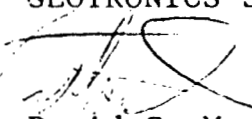
All lines were profiled on graphs suitable for comparing with model curves for interpretation. Copies of the profiles are attached to the report along with a survey plan.

The results of the work are summarized as follows:

1. The Max Min work confirmed the results of the VLF-EM survey.
2. Three parallel conductors were revealed, the strongest being the center one, which occurs close to the baseline.
3. On the center conductor, coil separations done on line 80 S has shown increasing conductivity with depth. This means an increasing possibility of the causitive source being sulphides. The strike averages northeast. The dip is difficult to determine because of parallel conductors and geological noise, but on line 80 S it appears to be vertical. The depth to the top of the conductor is about 25 m. The width is fairly wide, which on line 80 S is at least 100 m. The strongest part of this conductor is on line 85 S.

Because of the prevalence of copper sulphide in the area, the writer recommends that the center conductor be diamond drilled. The hole should be drilled at a  $-45^{\circ}$  dip either 100 m to the northwest of the conductor at line 85 S, or 100 m to the southwest. The location of the drill hole should be determined by a geologist in the field who can hopefully, determine the dip of the conductor.

Respectfully submitted,  
GEOTRONICS SURVEYS LTD.



David G. Mark,  
Geophysicist

DON TULLY ENGINEERING LTD.  
SUITE 102 - 2222 BELLEVUE AVENUE  
WEST VANCOUVER, BRITISH COLUMBIA  
V7V 1C7

September 19, 1980

Lakewood Mining Co. Ltd.  
2245 West 13th Avenue  
Vancouver, B.C.

Dear Sirs:

Re: Max Min Electromagnetic Survey  
KAM Claim  
Record No. 1917(6)  
Cherry Creek-Afton Mine Area  
Kamloops Mining Division  
Kamloops, B.C.

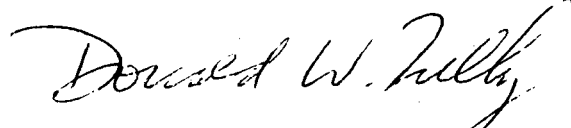
Pursuant to a request by Mr. C. Boitard, President, Lakewood Mining Co. Ltd., I have reviewed a report dated September 19, 1980, on a Max Min Electromagnetic Survey over the central part of the subject claim area by Geotronics Surveys Ltd., Vancouver, British Columbia. A copy of the Geotronics report accompanies this letter.

Three anomalous conductor zones have been indicated from the electromagnetic survey. A study of the report indicates the center conductor zone gave the strongest instrumental response on L. 85S. This center conductor has been traced along a northeasterly trend for some 400 meters and more or less parallel to the trend of the regional volcanic host rocks. The remaining two conductor zones occur more or less sub-parallel to the stronger center conductor.

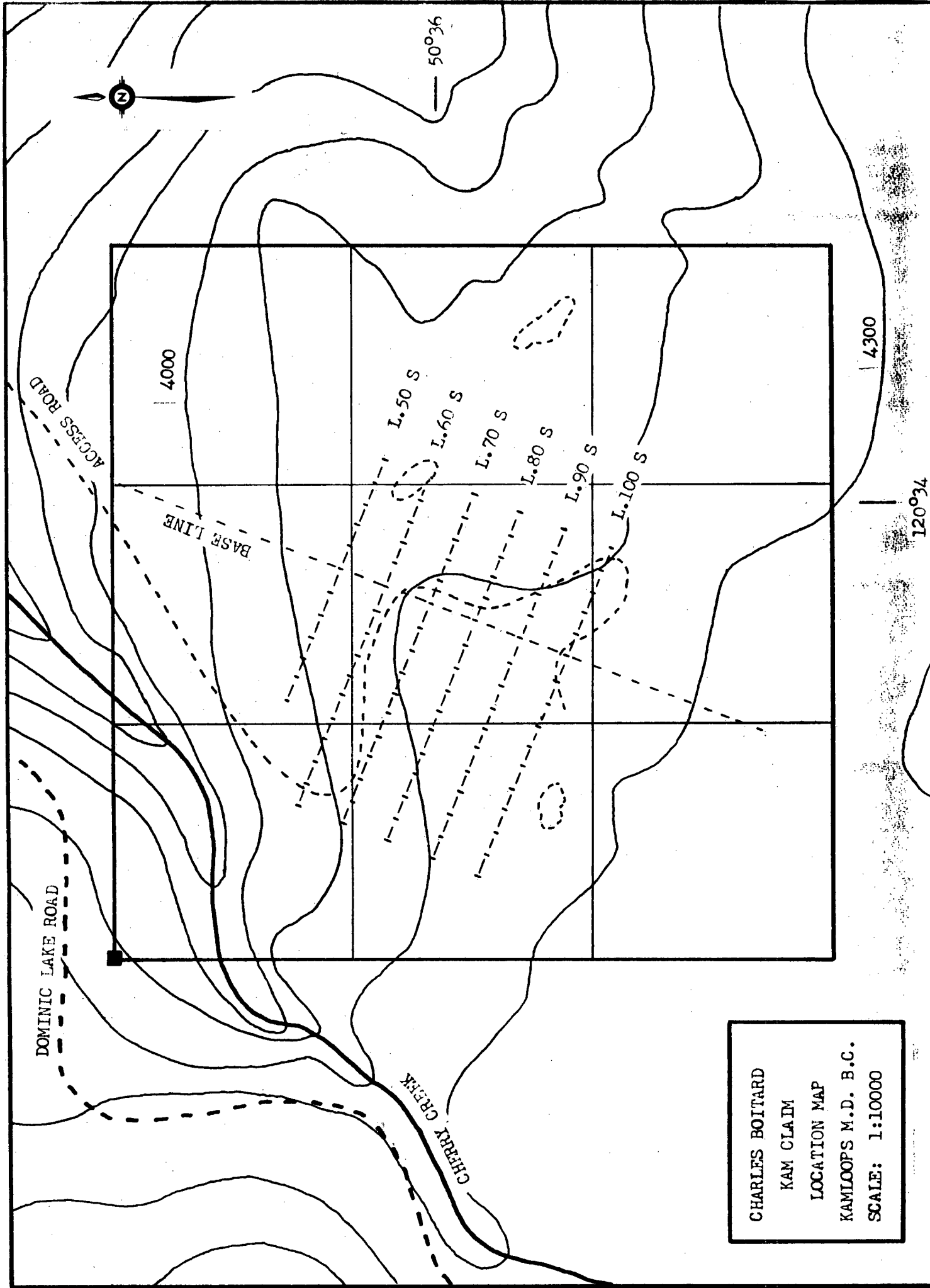
The dip of the conductor zones appears to be quite steep and the writer concurs with the conclusion of Mr. David G. Mark that a geological study of claim area would be necessary to finalize any conclusion in this regard.

Two diamond drill holes are recommended to test the Center Conductor Zone on L. 85S and also on L. 80S at a depth at least 50 metres below surface.

Respectfully submitted,

  
Donald W. Tully, P. Eng.

DWT/LA  
Encls.

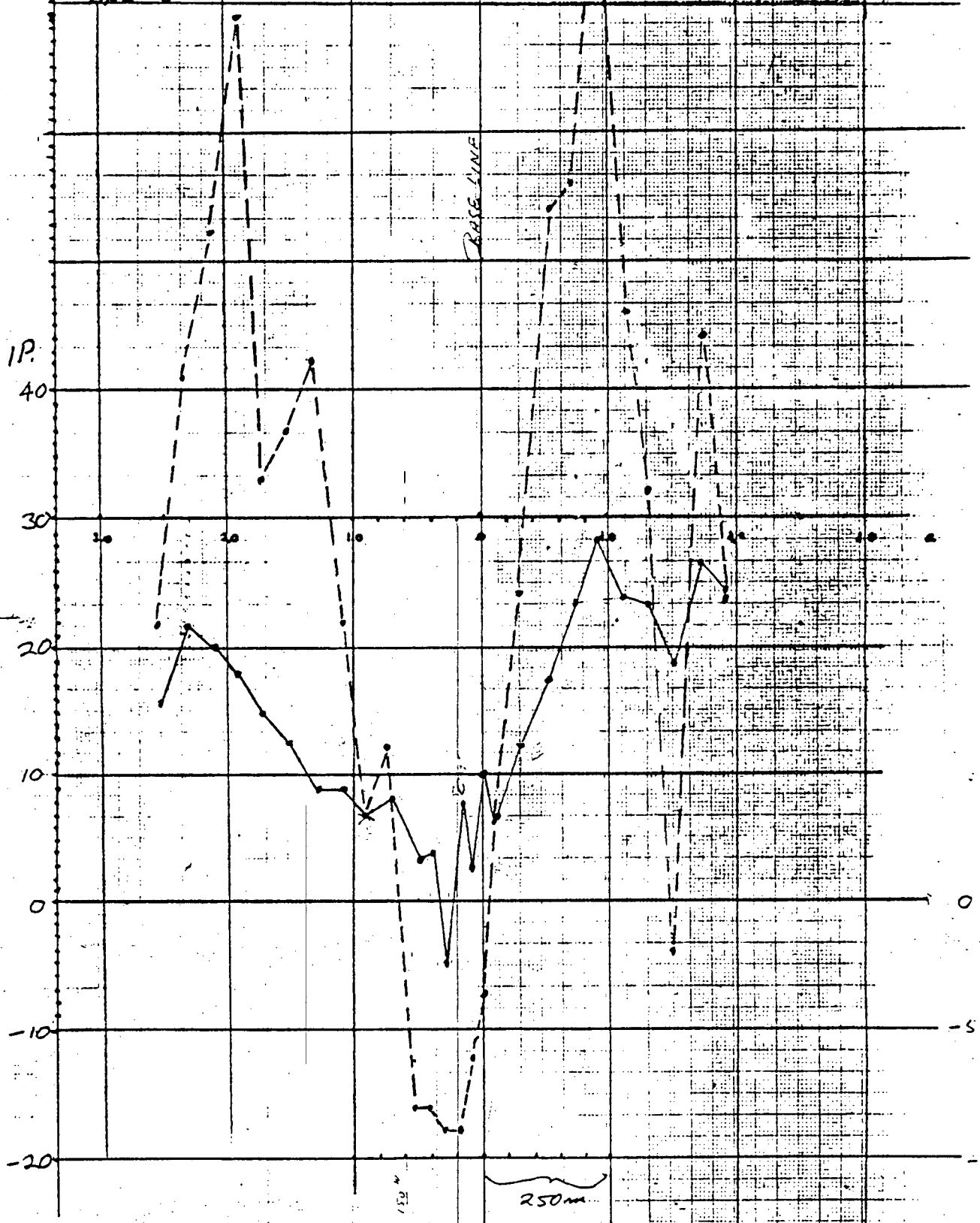


CHARLES BOITARD  
KAM CLAIM  
LOCATION MAP  
KAMILOOPS M.D. B.C.  
SCALE: 1:10000

4300

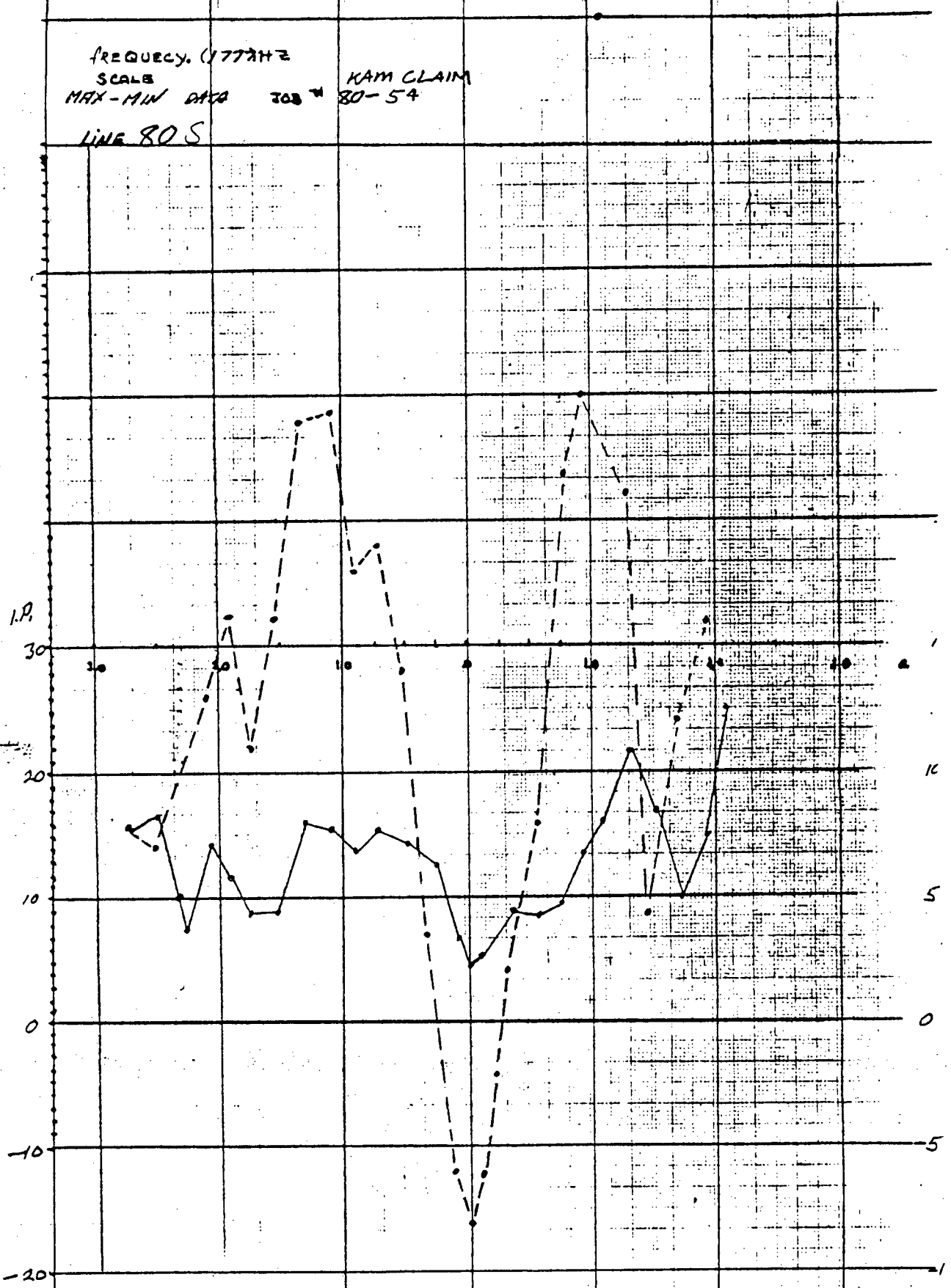
120°34

FREQUENCY (1777Hz)  
SCALE  
MAX-MIN DATA 308 80-54  
LINE 855



FREQUENCY (1777Hz)  
SCALE  
MAX-MIN DATA 308 W 80-54  
KAM CLAIM

LINE 80 S

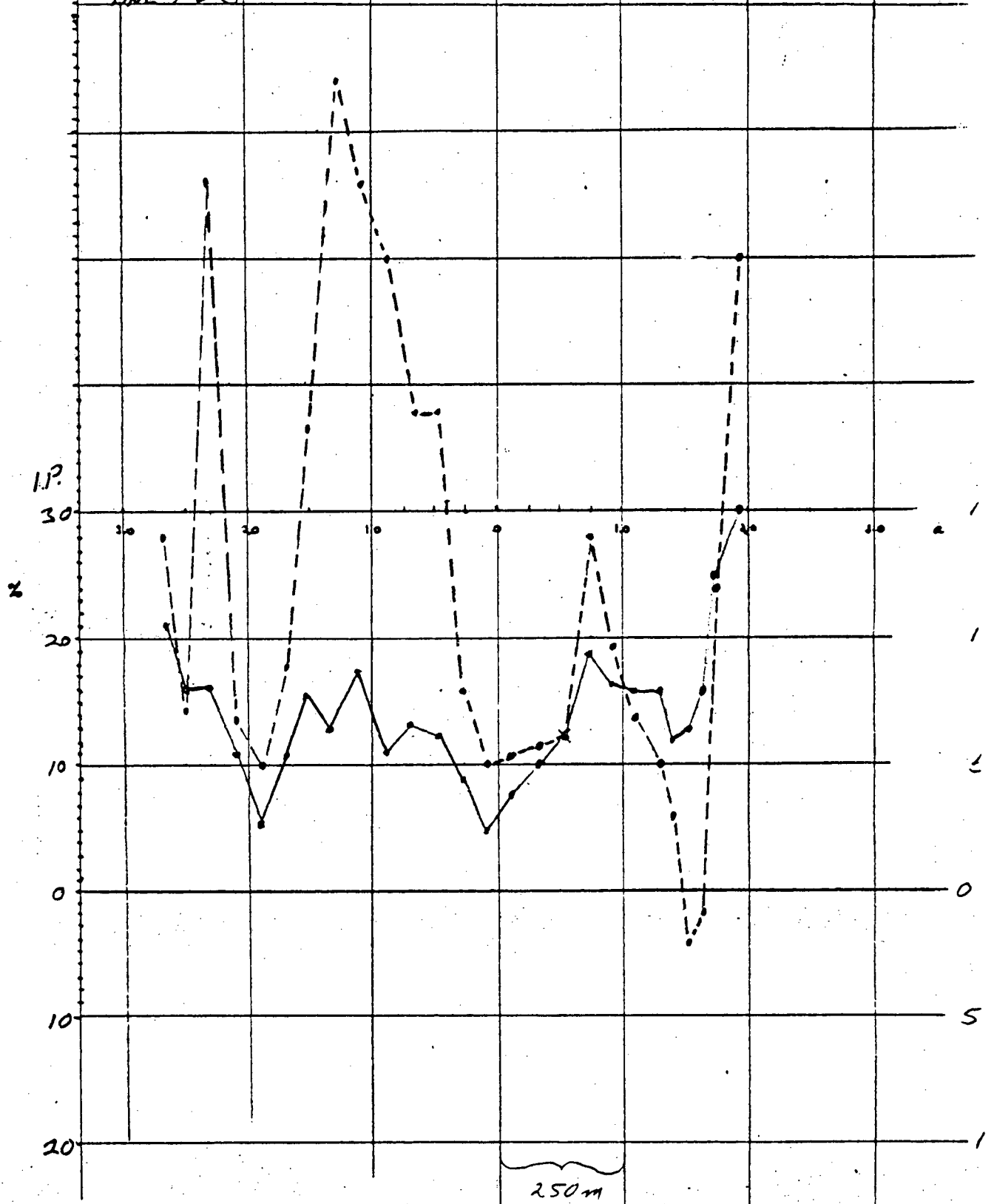


250m

FREQUENCY (1777Hz)  
SCALE  
MAX-MIN DATA 303 80-57

KAM CLAIM

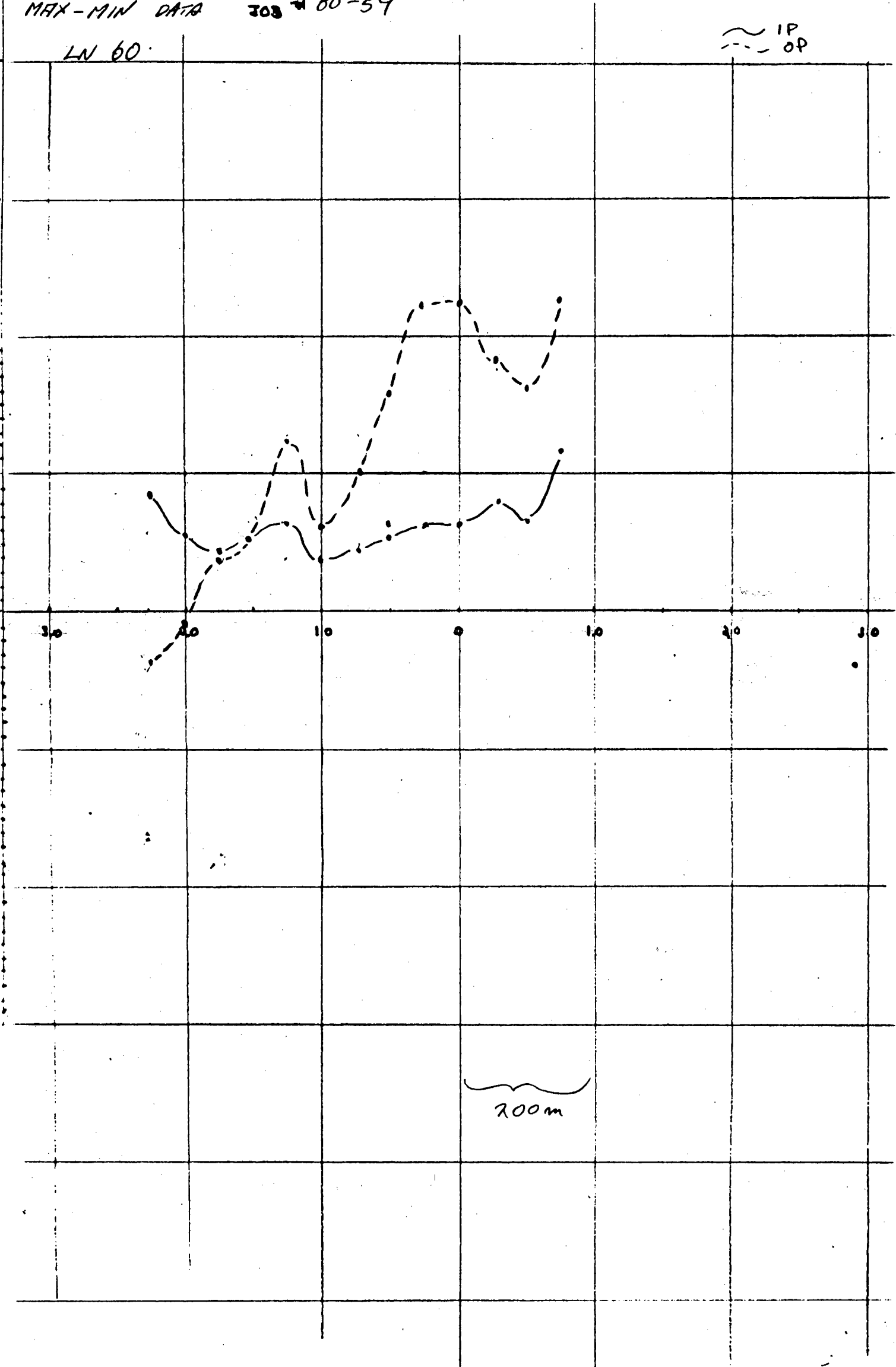
LINE 755



MAX-MIN DATA 303 4 80-54

LN 60

IP  
OP



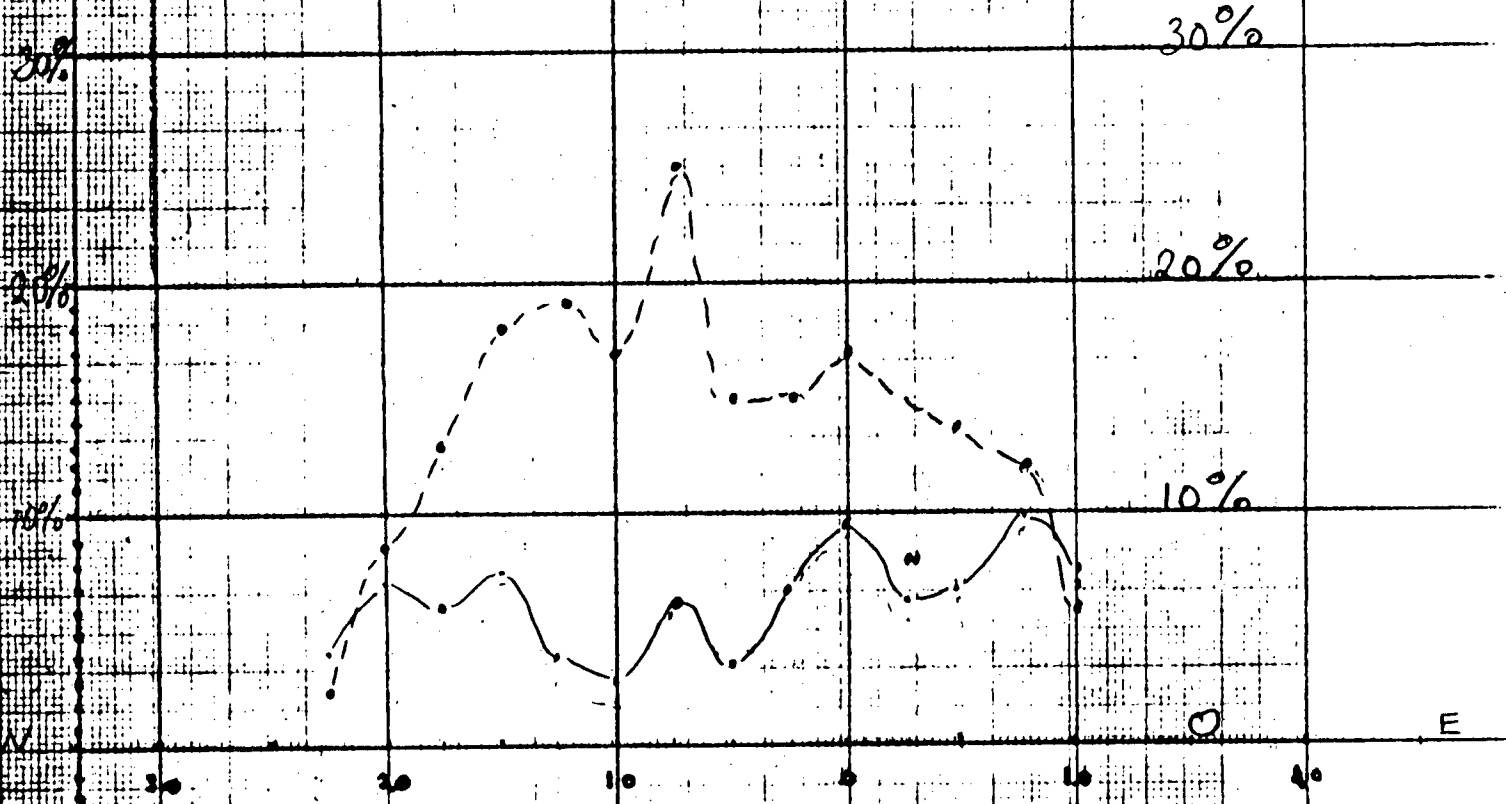
200m



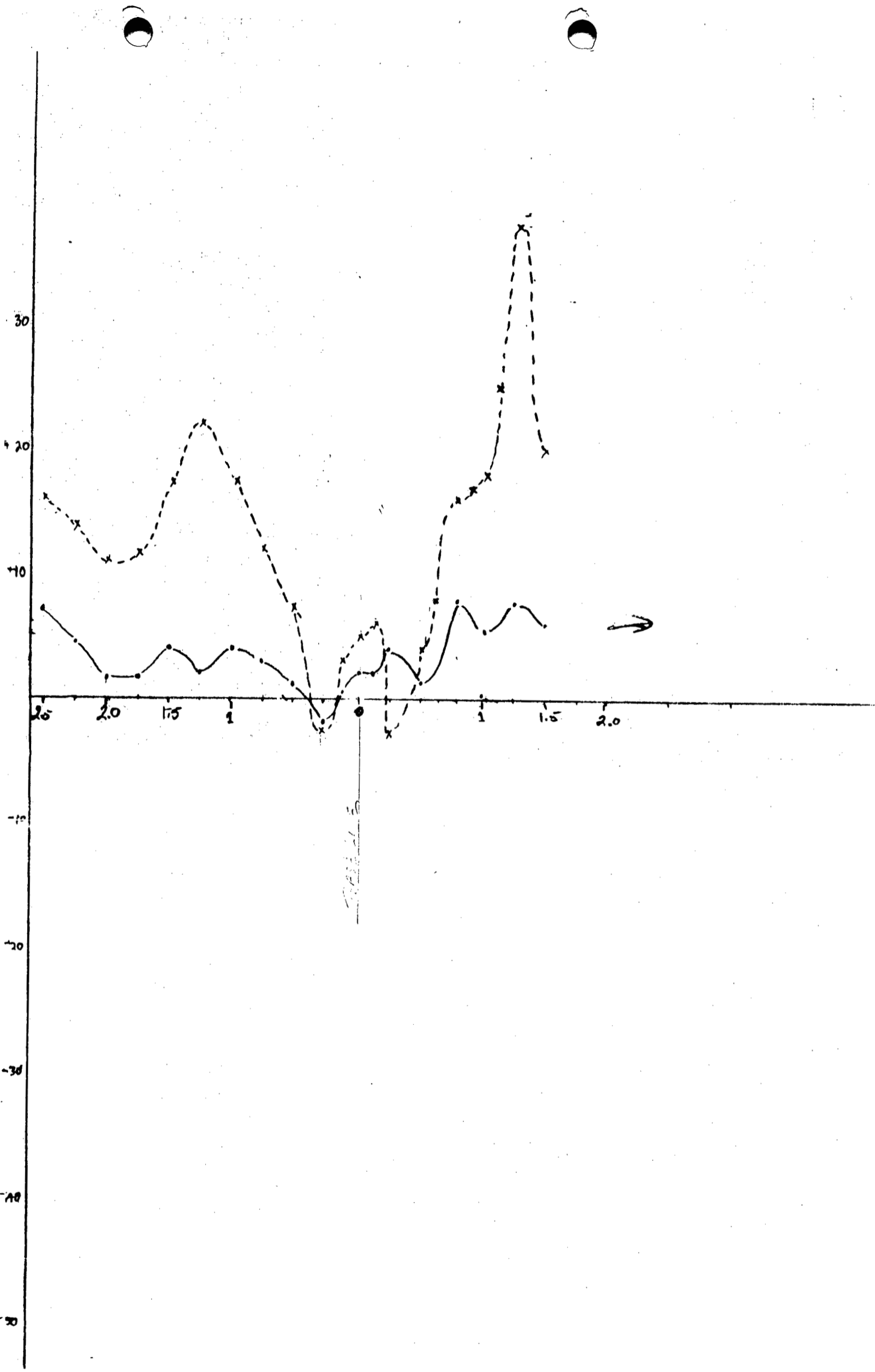
MAX-MIN DATA

308 80-5A

LINE 70 S



200 m

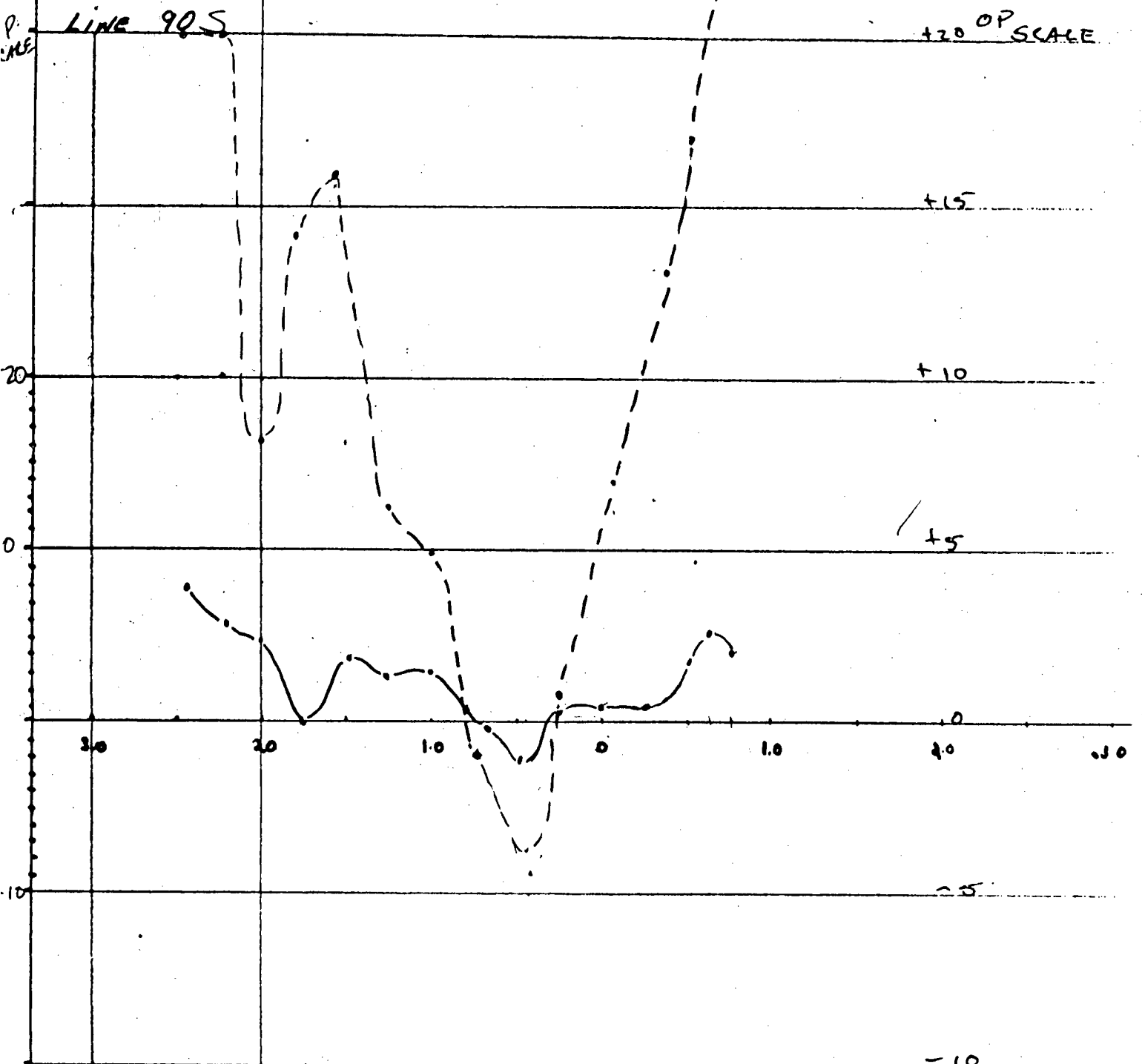


1N. 805

MAX-MIN DATA 303 480-54

LINE 90.5

+20 OP SCALE

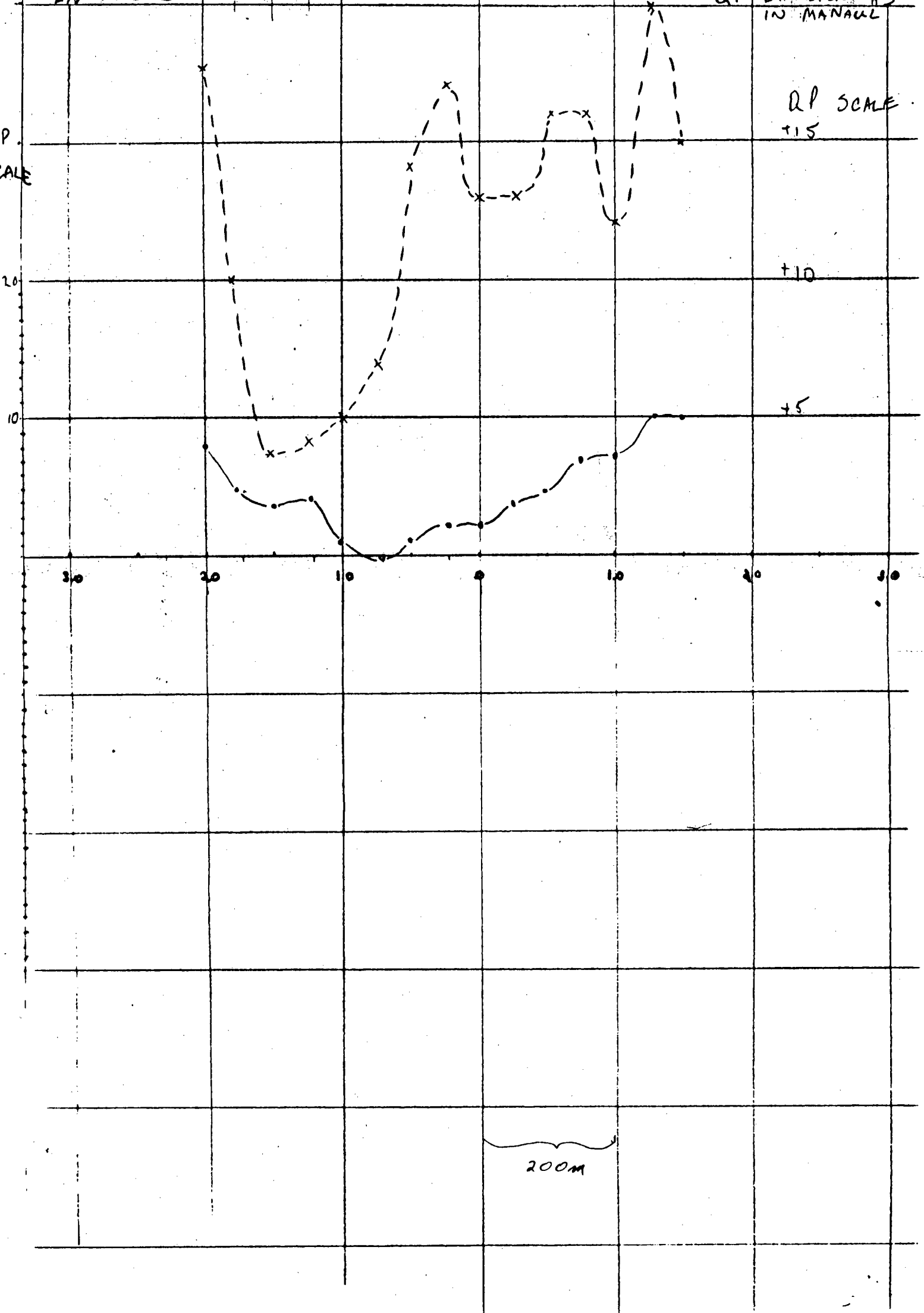


200m

MAX-MIN DATA 303 80-54

LN 100 S

NOTE: SCALE FOR  
QP DIFFERENT AS  
IN MANUAL



QP SCALE  
+15

+10

+5

200m