013918

REPORT ON THE ASH MINERAL CLAIM GROUP

FYRE LAKE AREA

Watson Lake Mining Division
Yukon Territory

May 20 - June 30 1966

N.T.S. 105-G-2

Longitude 130°35' West

Latitude 61°15' North

By:

Wayne J. Roberts

ATLAS EXPLORATIONS LIMITED

March 9, 1970

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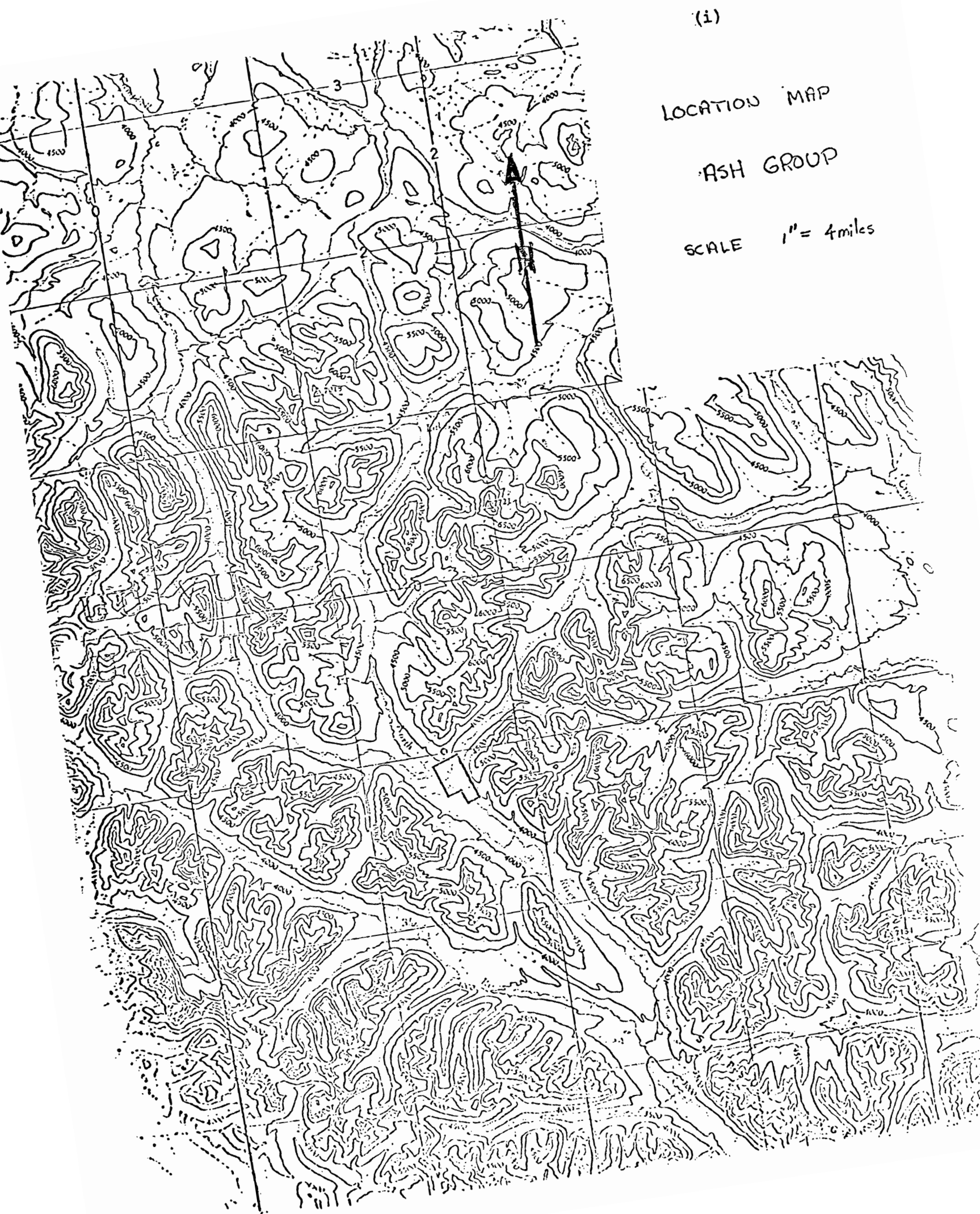
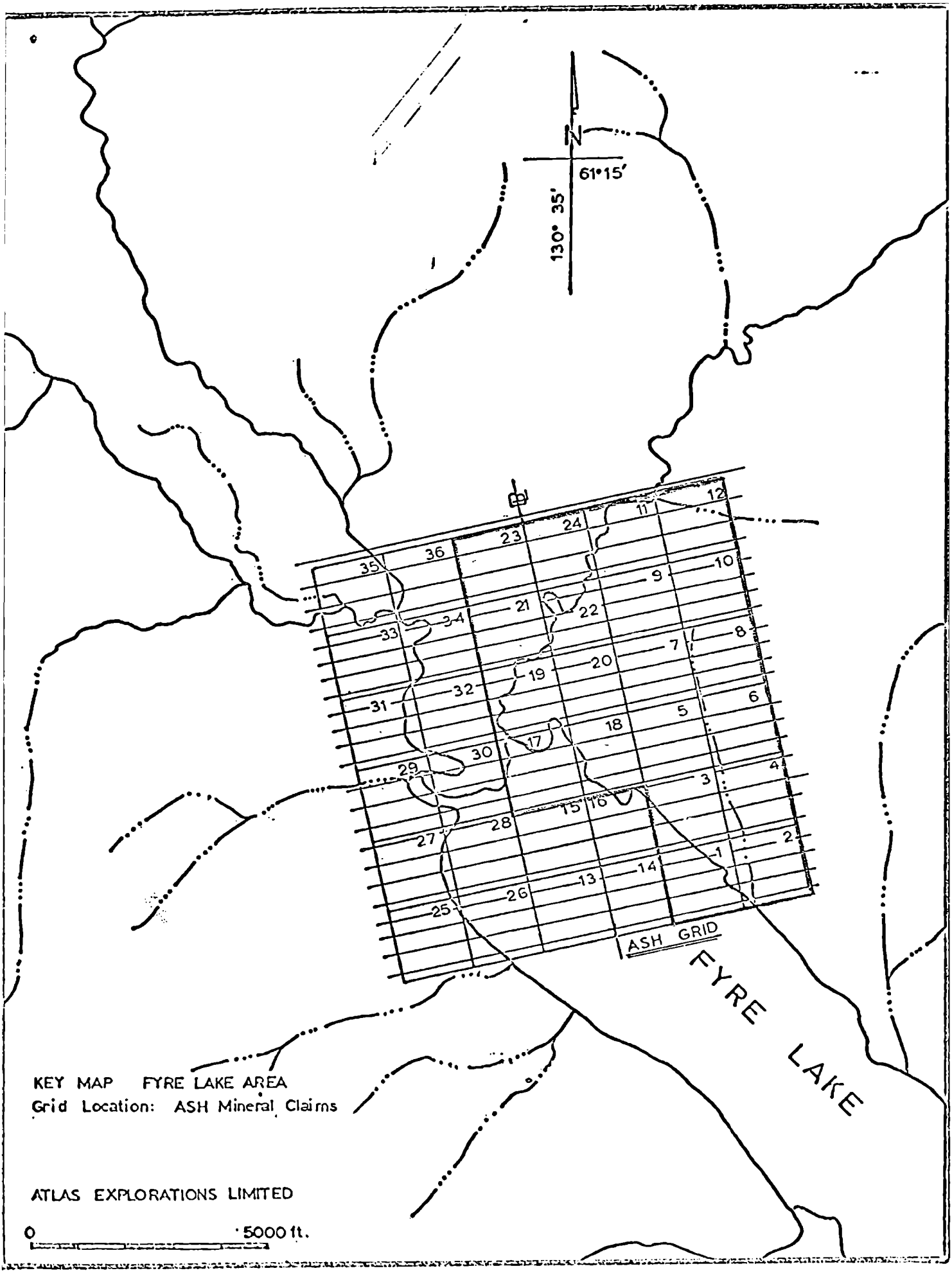

LOCATION MAP
ASH GROUP
SCALE 1" = 4miles

LIST OF CLAIMS

Claim Number	Grant Number	Date Recorded
ASH 1-12	Y7337-Y7348	April 22, 1966
ASH 17-24	Y7353-Y7360	April 22, 1966


N
61°15'
130° 35'
ASH GRID
FYRE LAKE
KEY MAP FYRE LAKE AREA
Grid Location: ASH Mineral Claims
ATLAS EXPLORATIONS LIMITED
0
5000 ft.

TELEPHONE 685-4331

ATLAS EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

REPORT ON THE ASH MINERAL CLAIM GROUP FYRE LAKE AREA

By:

Wayne J. Roberts

INTRODUCTION

After acquisition of the Dub Mineral Claims in the Fyre Lake area, the region was flown with airborne electromagnetic and magnetic surveys. As a result of the geophysical surveys outlining anomalies in proximity to sulphide mineralization, the Ash Group was staked in April, 1966. Follow-up, consisting of detailed geological, geochemical and geophysical surveys, was conducted over the total claim group.

LOCATION AND ACCESS

The Ash Mineral Claims are located at the northwest end of Fyre Lake approximately 80 miles southeast of Ross River and 30 miles south of Finlayson Lake. The claims are at longitude 130°35' West and latitude 61°15' North on the Finlayson Lake sheet, (N.T.S. 105-G-1 and 105-G-2). The Ash Group lies between elevations of 3,500' and 4,000'.

Access to the properties is by float-equipped aircraft landing on Fyre Lake. Operations were based out of a camp on the lakeshore with access by foot.

PHYSIOGRAPHY

Lower portions of the Claim Group, generally the western region, are covered by muskeg due to the meandering entrance of the North River into Fyre Lake. Higher elevations to the east are generally covered by buckbrush.

GEOLOGY

Only on the eastern third of the claim group area is there sufficient outcrop for geological interpretation. Underlying units consist of essentially medium-grained mica schists striking approximately north-south and dipping easterly 5 to 10 degrees. The schists were mapped by the G.S.C. and classified as Unit A of probable Proterozoic age. There is some evidence of quartz veining and banding as well as faulting. Outcrop density is very low such that geological knowledge is very limited. No mineralization of potential economic value was observed.

GEOCHEMICAL RESULTS AND CONCLUSIONS

Results of both copper and zinc metal content in the soils were achieved. It can be observed on the accompanying geochemical contour maps at the end of this report, that there

exists separate anomalies which do not appear to be coincident with geophysical results. The largest copper anomaly is located at 44E, 8N and appears to strike north-south having a strike length of 1100 feet and average width of 150 feet. There is also a coincident zinc anomaly present.

Due to the nature of the topography, glaciation and drainage, it is suspected that accumulation of metallic ions from other sources of mineralization off the Claim Group have misrepresented the true metallic content of the underlying rock.

GEOPHYSICAL RESULTS AND CONCLUSIONS

The most prominent feature geophysically is the large negative resultant dip angle response obtained at the north shore of Fyre Lake. The conductive zone probably lies at a depth in excess of 100 feet as response from the airborne survey is weak and ground survey is strong. Magnetic coincidences are not obvious but an elongate anomaly in excess of 1000 gammas total intensity lies along strike of the south west conductor gradient. The biggest magnetic high does not coincide with the electromagnetic peak. In the eastern portion of the grid small magnetic highs and geochemical anomalies are of probable less interest.

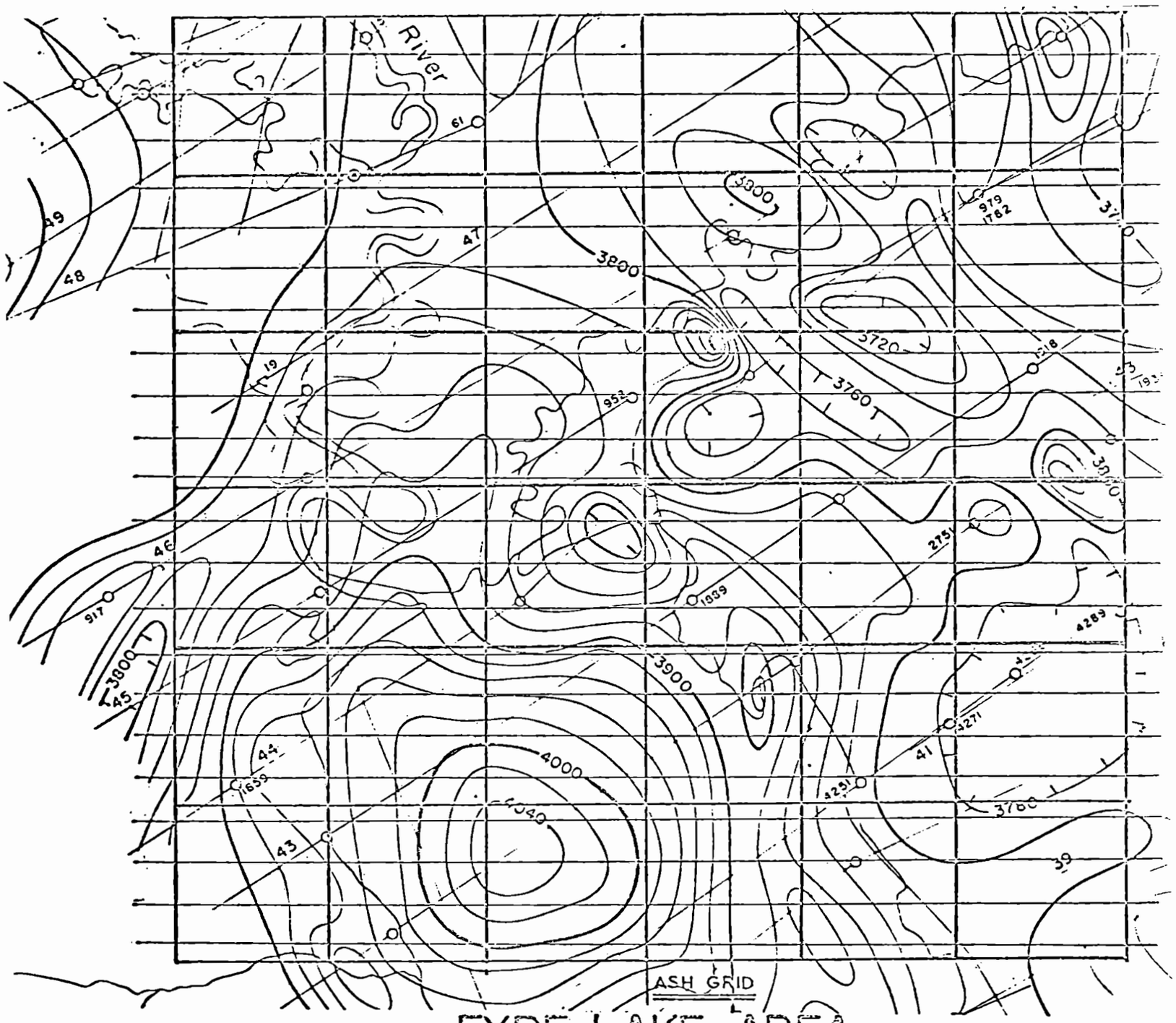
CONCLUSIONS AND RECOMMENDATIONS

The large electromagnetic anomaly is of interest due to its well-defined boundaries and size. It is not thought to be conductive overburden since the majority of the grid area has the same drainage. Geologically, it is unusual for graphitic schists to have limited boundaries, such as reflected by this survey, and some magnetic coincidence adds to the economic potential of this zone. It is recommended that complete assessment of this situation can only be accomplished by diamond drilling.

Respectfully submitted,

Wayne J. Roberts,
Geologist

March 1970



FYRE LAKE AREA

YUKON TERRITORY

ASH MINERAL CLAIMS

SCALE

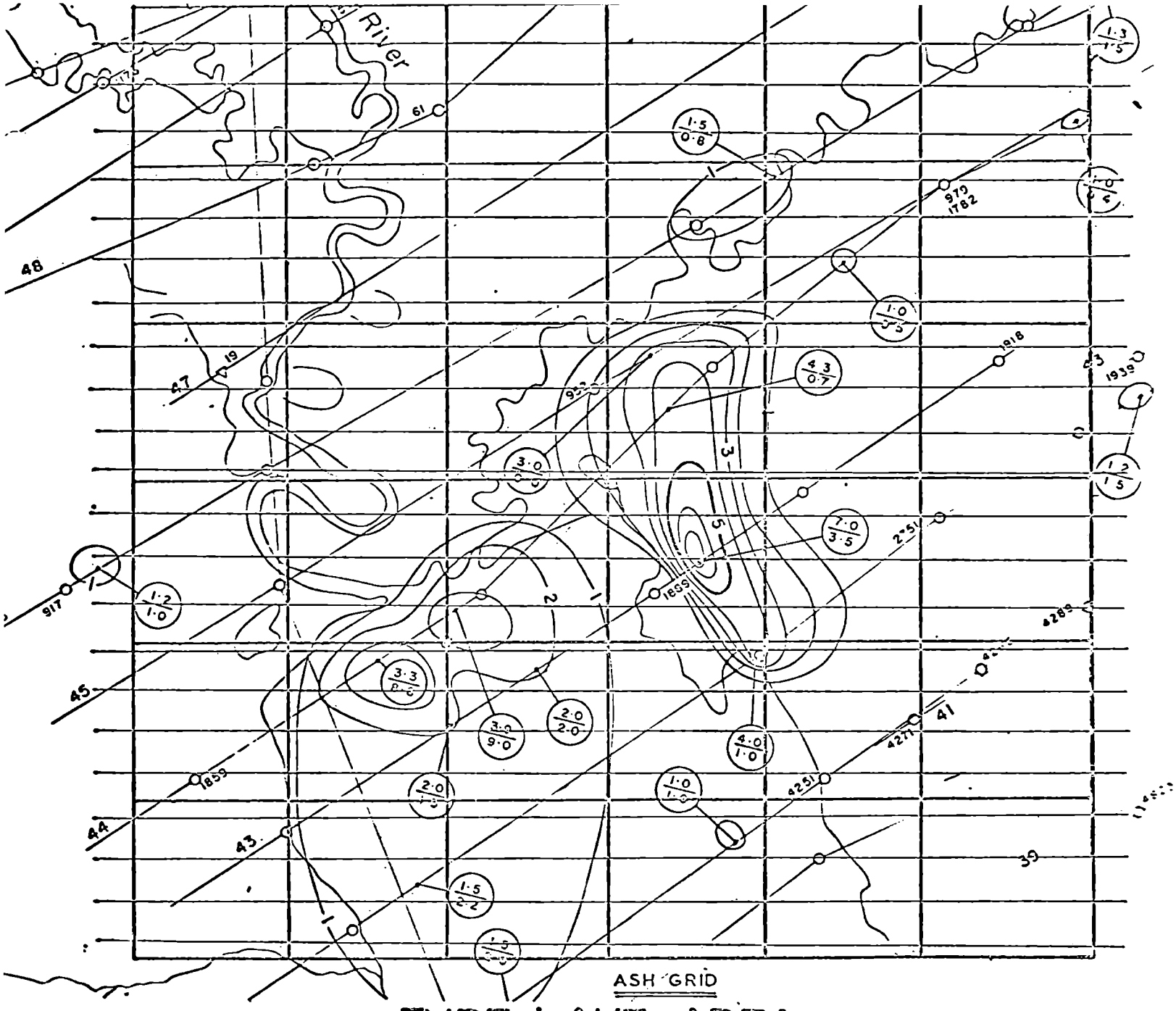
1000 0 1000 2000 3000 4000 5000

FEET FEET

1 Inch to 1320 Feet

AEROMAGNETIC MAP

Appendix 1



FYRE LAKE AREA

YUKON TERRITORY

ASH MINERAL CLAIMS

SCALE

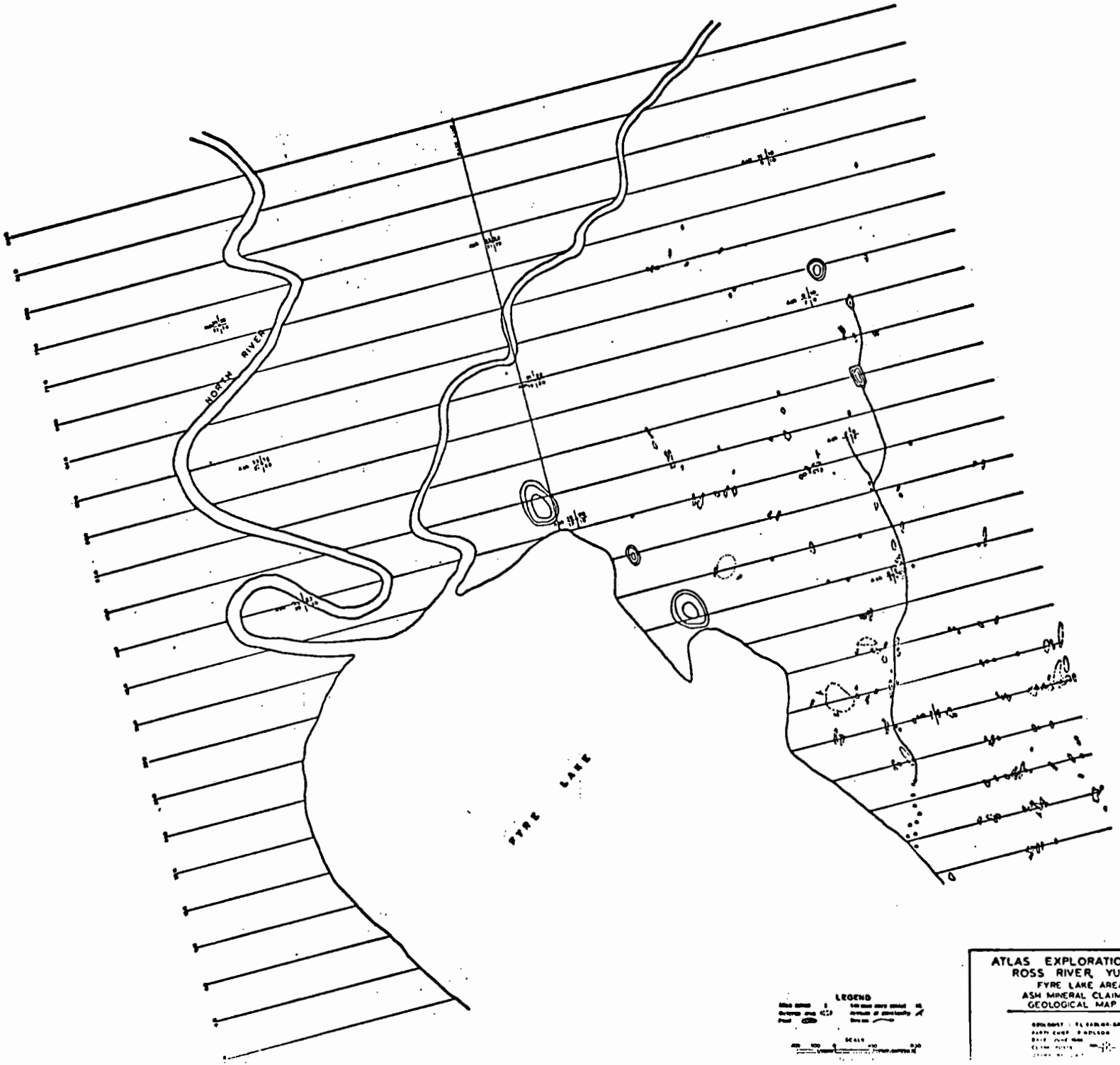
0 1000 2000 3000 4000 5000

FEET FEET

1 Inch to 1320 Feet

ELECTROMAGNETIC MAP

Appendix II



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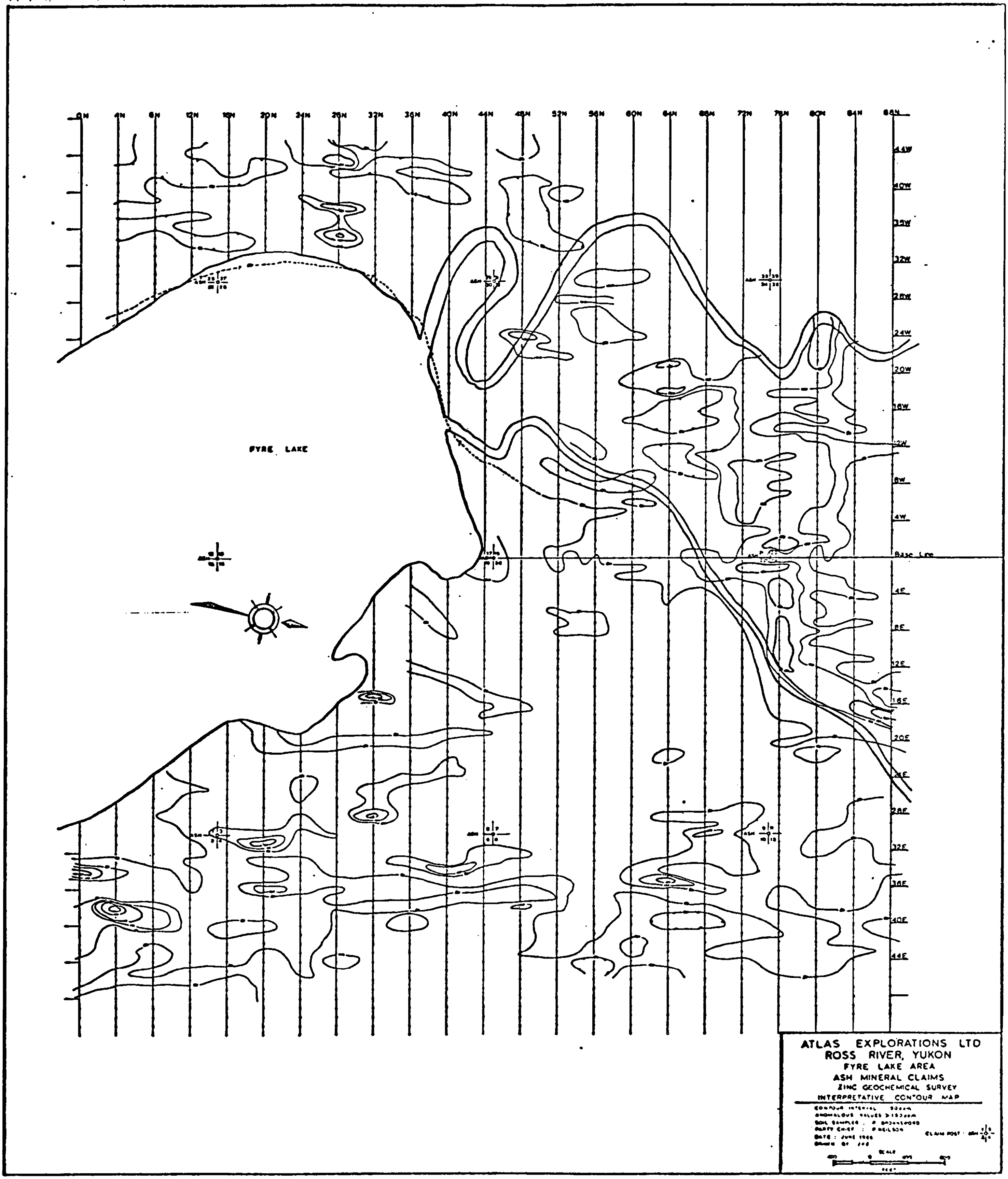
ROSS RIVER, YUKON
FYRE LAKE AREA
ASH MINERAL CLAIMS
GEOLOGICAL MAP


FYRE LAKE
Base Line
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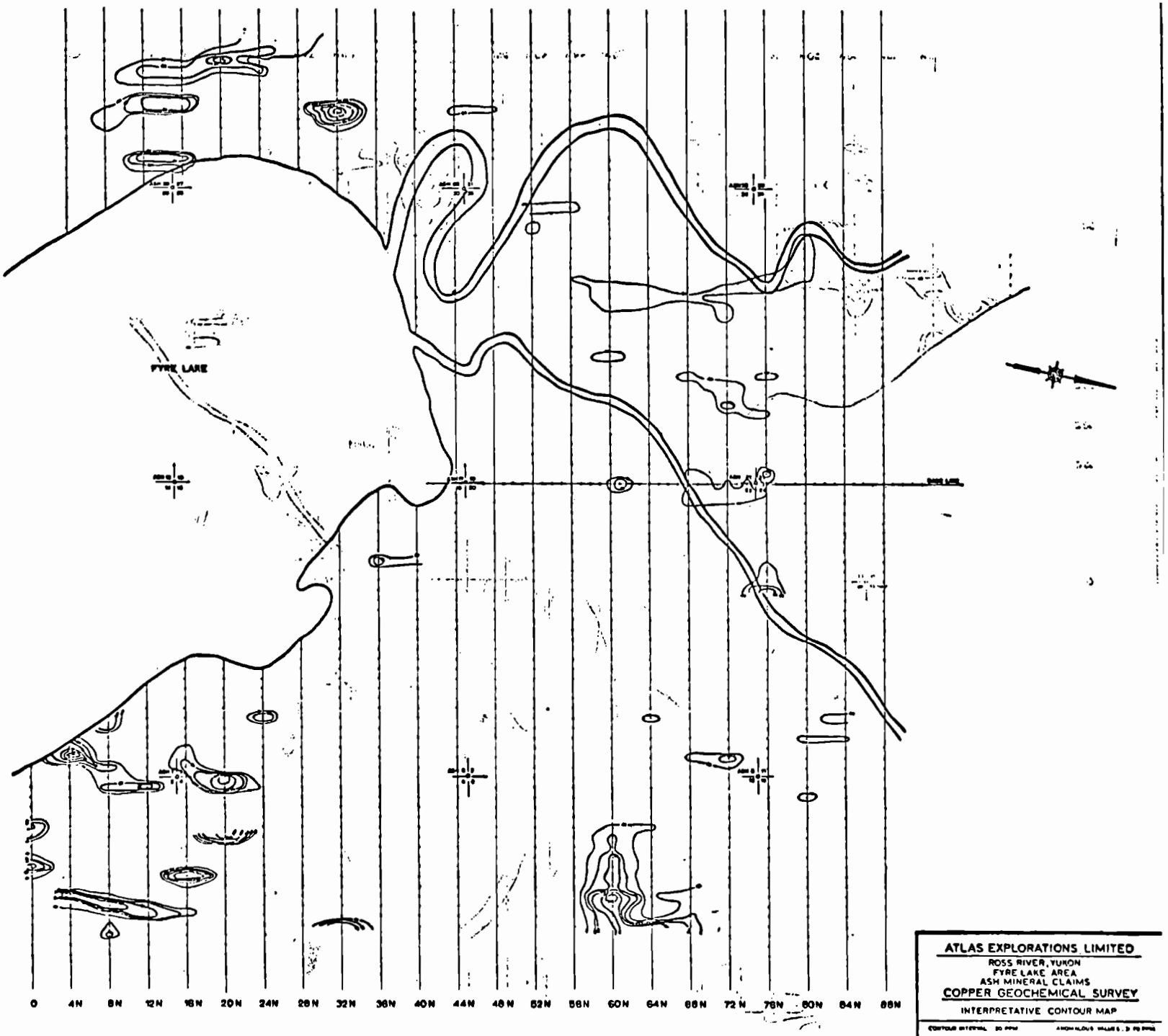
ROSS RIVER, YUKON
FYRE LAKE AREA
ASH MINERAL CLAIMS
ZINC GEOCHEMICAL SURVEY
INTERPRETATIVE CONTOUR MAP
SCALE



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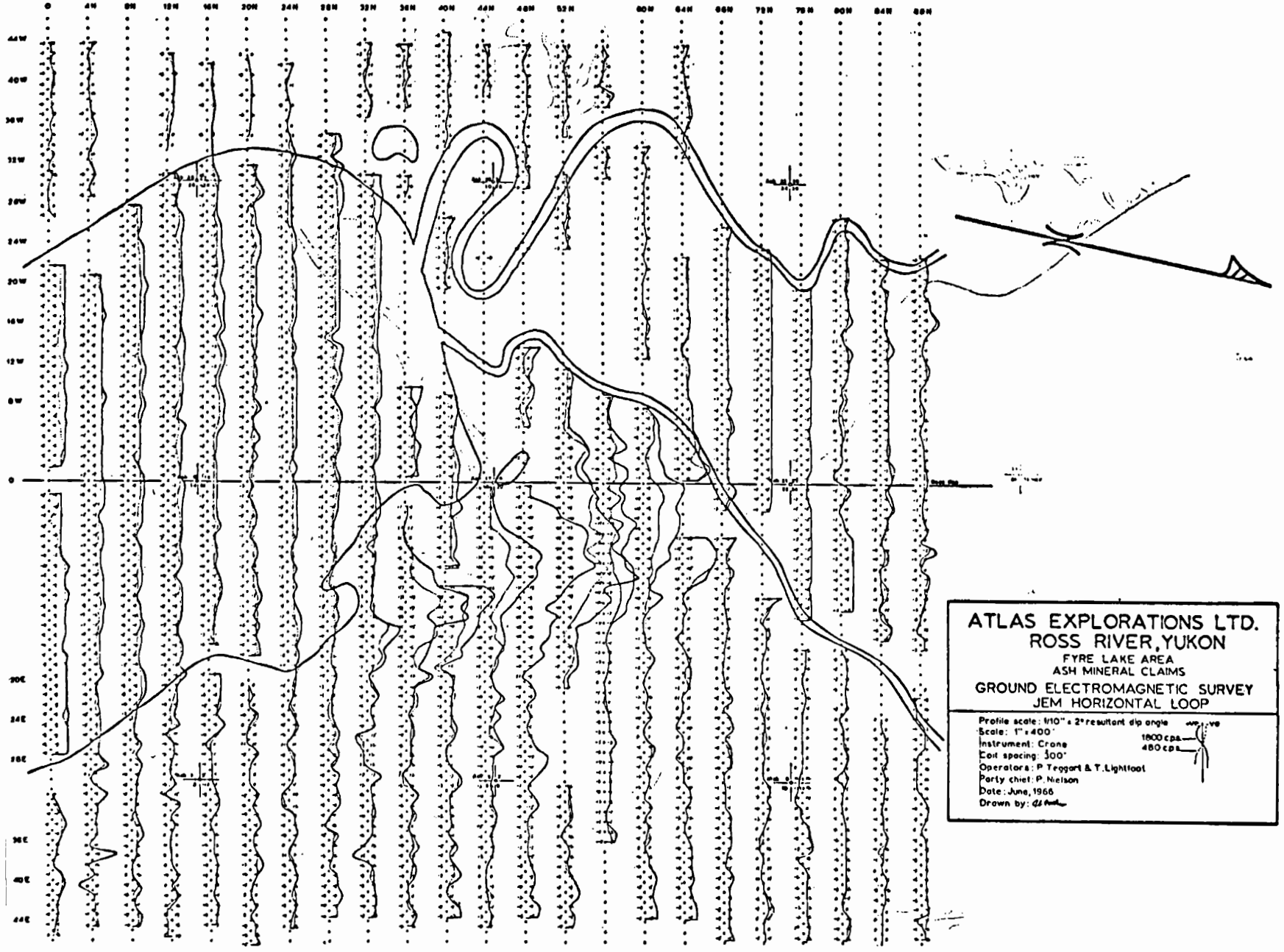
ROSS RIVER, YUKON
FYRE LAKE AREA
ASH MINERAL CLAIMS

COPPER GEOCHEMICAL SURVEY

INTERPRETATIVE CONTOUR MAP

CONTOUR INTERVAL 20 PPM ANOMALOUS VALUES > 70 PPM
SOIL SAMPLES - P.SHOWN UPON
PARTY CHIEF - P.NELSON
DATE: JUNE 1968
DRAWN: P.A.P. FLASFIELD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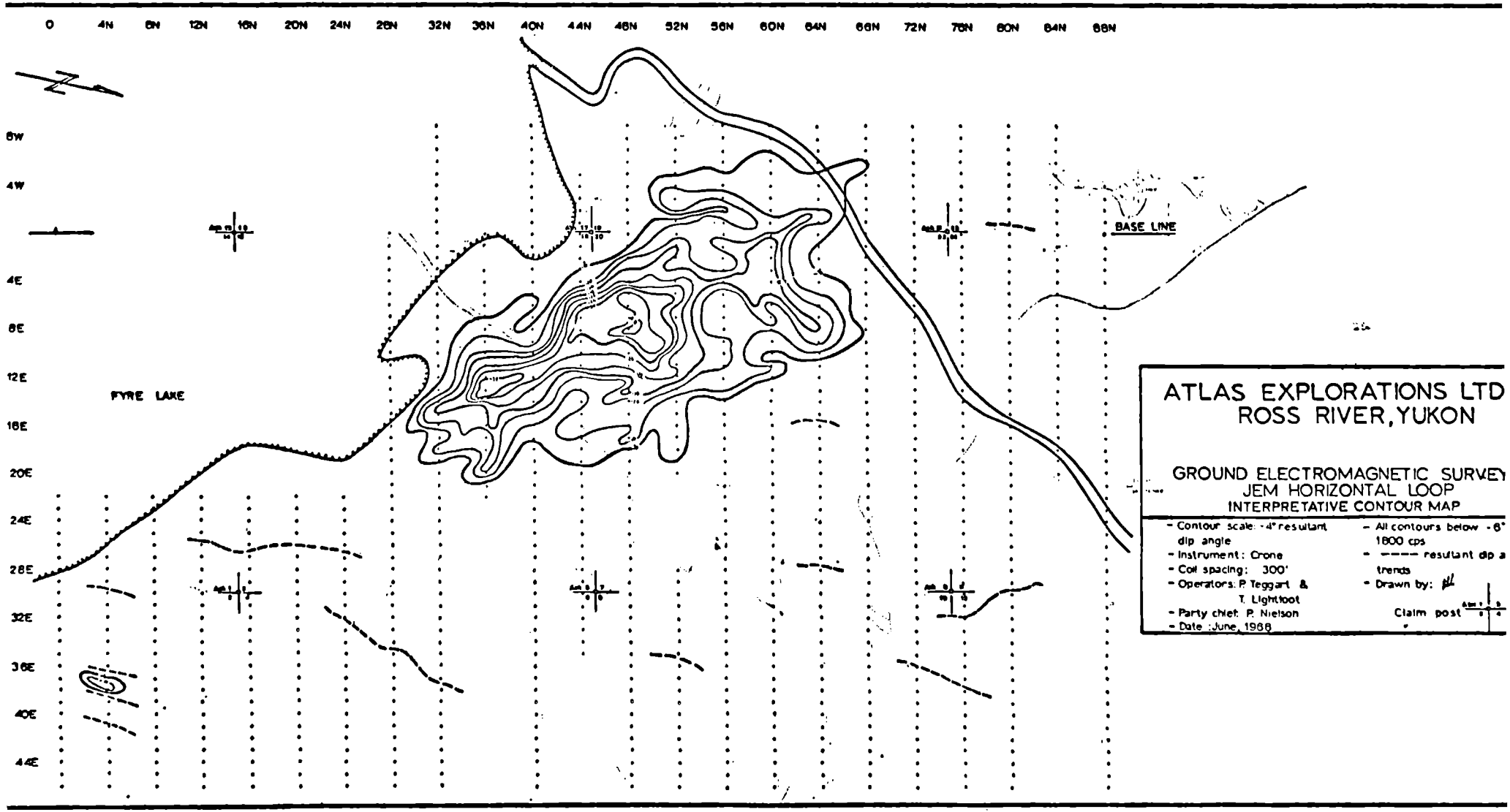
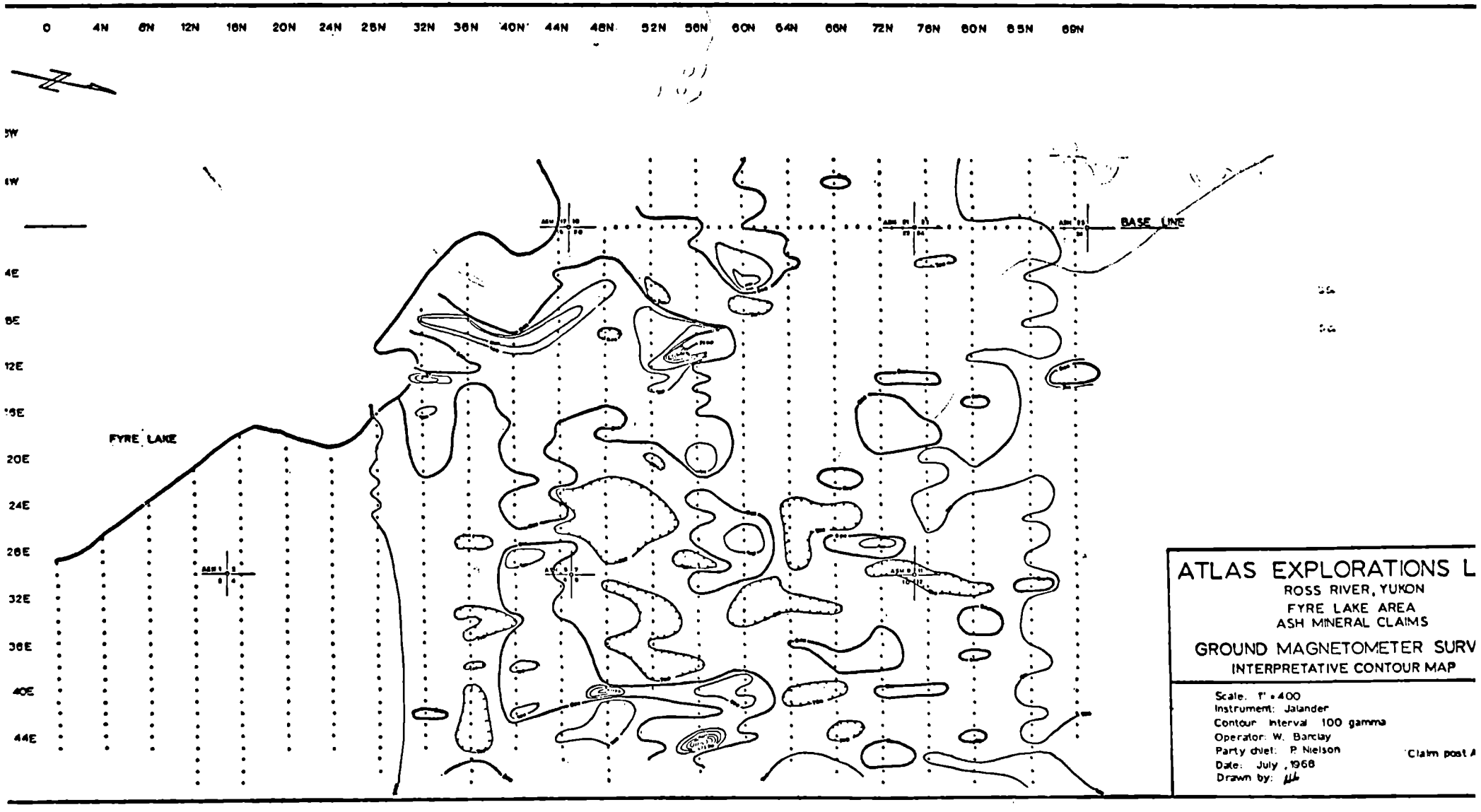
ROSS RIVER, YUKON
FYRE LAKE AREA
ASH MINERAL CLAIMS
GROUND ELECTROMAGNETIC SURVEY
JEM HORIZONTAL LOOP
Profile scale: 1/10" = 2° resultant dip angle
Scale: 1" = 400'
Instrument: Crone
Coil spacing: 300'
Operators: P. Treggart & T. Lightfoot
Party chief: P. Nielson
Date: June, 1968
Drawn by:
1800 cps
480 cps


0
4N
8N
12N
16N
20N
24N
28N
32N
36N
40N
44N
48N
52N
56N
60N
64N
68N
72N
76N
80N
84N
88N
8W
4W
4E
8E
12E
16E
20E
24E
28E
32E
36E
40E
44E
BASE LINE
FYRE LAKE
ATLAS EXPLORATIONS LTD
ROSS RIVER, YUKON
GROUND ELECTROMAGNETIC SURVEY
JEM HORIZONTAL LOOP
INTERPRETATIVE CONTOUR MAP
- Contour scale: -4° resultant dip angle
- Instrument: Crone
- Coil spacing: 300'
- Operators: P. Teggart & T. Lightfoot
- Party chief: P. Nielson
- Date: June, 1968
- All contours below -6° 1800 cps
- ---- resultant dip a trends
- Drawn by:
Claim post


0 4N 8N 12N 16N 20N 24N 28N 32N 36N 40N 44N 48N 52N 56N 60N 64N 68N 72N 76N 80N 85N 89N
BASE LINE
FYRE LAKE
ATLAS EXPLORATIONS L
ROSS RIVER, YUKON
FYRE LAKE AREA
ASH MINERAL CLAIMS
GROUND MAGNETOMETER SURV
INTERPRETATIVE CONTOUR MAP
Scale: 1" = 400
Instrument: Jalander
Contour Interval 100 gamma
Operator: W. Barclay
Party chief: P. Nielson
Date: July, 1968
Drawn by:
Claim post A