

MAR 19770005: ALBERTA

Received date: Dec 31, 1977

Public release date: Jan 01, 1979

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ECONOMIC MINERALS
ELE REPORT No
U-AF-118(7)
~~U-AF-119(7)~~
~~U-AF-120(3)~~
U-AF-121(7)
U-AF-122(7)

URANERZ EXPLORATION AND MINING LTD.

ASSESSMENT REPORT ON

ALBERTA PERMITS,

189, 190, 191, 193 and 194

APRIL 1977

DR. K. LEHNERT-THIEL,
DR. W. KRETSCHMAR,
LA RONGE, SASKATCHEWAN

TABLE OF CONTENTS

LIST OF MAPS

- Map #1 Geoterrex Airborne EM and Magnetometer Survey
(Permit 189, 190) → 1A → 1B
- Map #2 Grid Layout with Diamond Drill Hole Locations - unclear
(Permit 190)
- Map #3 Ground Magnetometer Survey, Total Count
(Permit 189, 190) - Map No. 3A, Map No. 3B, Map No. 3C
- Map #4 Ground Magnetometer Survey, Contours
(Permit 189, 190) - ABCD

LIST OF ASSAYS, TRAVERSE OVERLAYS AND INVOICES

- 1) Diamond Drill Holes #
(Permit 190) Written Logs I have 15 out of 25
- 2) Prospecting Traverses Overlays
(Permit 191: 191A - 191C)
(Permit 193: A1, A5, A6, A11, A20 - A24, A29 - A32)
(Permit 194: A2 - A4, A7 - A10, A12 - A19, A25 - A28)
- 3) Invoices - Connors Drilling (Permit 190)
- 4) Invoices - Geoterrex (Permit 189, 190)

1. INTRODUCTION

During the period May 1976 to April 1977, Uranerz Exploration and Mining Ltd., conducted an exploration program on the Alberta Permits 189, 190, 191, 193 and 194. The purpose of this exploration was to evaluate the potential for uranium or other economic minerals.

1.1 TIME OF INVESTIGATIONS

Period #1 - March - April 1976

Uranerz Personnel

| | | |
|-----------------|------------|---------------------------|
| Richard Marcoux | technician | March 8 - April 27, 1976 |
| Danny Bell | assistant | March 11 - April 14, 1976 |
| Albert Stones | cook | March 22 - April 21, 1976 |
| Sam Roberts | linecutter | March 8 - March 31, 197 |
| Hector Roberts | linecutter | March 8 - March 31, 1976 |
| Daniel Cook | linecutter | March 8 - March 31, 1976 |
| John McLeod | linecutter | March 8 - March 31, 1976 |
| Ernest McLeod | linecutter | March 18 - March 31, 1976 |
| Sam Roberts | linecutter | April 1 - April 18, 1976 |
| Hector Roberts | linecutter | April 1 - April 26, 1976 |
| Daniel Cook | linecutter | April 1 - April 16, 1976 |
| John McLeod | linecutter | April 1 - April 18, 1976 |
| Ernest McLeod | linecutter | April 1 - April 21, 1976 |

Period #2 - June - July 1976 (Permit 190, 191, 193, 194)

Uranerz Personnel

| | | |
|-------------------|-------------------|-------------------------|
| Dr. W. Kretschmar | project geologist | June 1 - July 31, 1976 |
| B. Harmeson | junior geologist | June 1 - July 31, 1976 |
| John McLeod | prospector | July 13 - July 25, 1976 |
| Oliver McLeod | prospector | July 13 - July 25, 1976 |
| Sam Roberts | prospector | July 13 - July 25, 1976 |

| | | |
|----------------|------------|-------------------------|
| Isaac Charles | prospector | July 13 - July 25, 1976 |
| Norman Charles | prospector | July 13 - July 25, 1976 |
| John Beatty | prospector | July 13 - July 25, 1976 |

Period #3 - October - December 1976 (Permit 189, 190)

Uranerz Personnel

| | | |
|-------------------|-------------------|---------------------------|
| Bill Millward | geophysical/tech. | November 26 - December 2 |
| Wayne Holmstead | geophysical/opr. | November 26 - December 13 |
| Mike O'Brien | geophysical/opr. | November 26 - December 2 |
| Brent Pister | geophysical/opr. | November 26 - December 2 |
| Keith Olsen | geophysical/opr. | November 26 - December 2 |
| Lyle Diakon | geophysical/opr. | November 26 - December 6 |
| Norman Charles | camp supervisor | October 25 - December 18 |
| Phillip Stenne | linecutting fore. | October 25 - December 18 |
| Isaac Charles | linecutter | October 25 - December 18 |
| Norman Mckenzie | linecutter | October 25 - December 18 |
| Ed Cook | linecutter | October 25 - December 18 |
| Clarence Cook | linecutter | October 25 - December 18 |
| Stan Cook | linecutter | October 25 - December 18 |
| Gordon Roberts | linecutter | October 25 - December 18 |
| James Roberts | linecutter | October 25 - December 18 |
| Charlie Roberts | linecutter | October 25 - December 18 |
| Dennis McLeod | linecutter | October 25 - December 18 |
| Antoine McLeod | linecutter | October 25 - December 18 |
| Willie McLeod | linecutter | October 25 - December 18 |
| Willie Mckenzie | linecutter | October 25 - December 18 |
| Mary Jane Charles | cook | October 25 - December 18 |

Period #4 - January - April 1977 (Permit 189, 190)

Uranerz Personnel

| | | |
|-------------------|-----------------------------------|--|
| Dr. W. Kretschmar | project geologist | February 4 - March 31 |
| Bruce Harmeson | junior geologist | January 11 - March 31 |
| Gordon Chu | junior geologist | January 11 - March 31 |
| Phillip Stenne | linecutting fore. | January 6 - March 31 |
| Norman Charles | camp supervisor | January 19 - February 22 March - March 31 |
| Wayne Holmstead | geophysical opr. | January 11 - February 18 |
| Harald Wolf | geophysical opr. | January 23 - March 31 |
| Mike Fanton | geophysical opr. (on contract) | February 7 - February 20 |
| Ed Rockel | senior geophysicist | January 19 - January 24 February 14 - February 16 |
| Gordon Bryant | project geophysicist | February 14 - February 16 March 2 - March 9 |
| Frank Murphy | cook | January 11 - February 2 |
| Randy Kyle | cook | February 2 - March 19 |
| Stan Cook | linecutter | January 17 - January 29 |
| Dennis McLeod | linecutter | January 17 - January 29 |
| Charlie Roberts | linecutter | January 25 - January 29 |
| Horace McLeod | linecutter | January 25 - January 29 |

2. GENERAL INFORMATION

2.1 PROPERTY AND OWNERSHIP

The Quartz Mineral Exploration Permits are registered under the following permits numbered covering below listed acreage:

| | | |
|------------|-------------|-------------------------|
| Permit 189 | 9,920 acres | acquired April 14, 1975 |
| Permit 190 | 9,920 acres | acquired April 14, 1975 |
| Permit 191 | 9,920 acres | acquired April 14, 1975 |
| Permit 193 | 9,920 acres | acquired April 14, 1975 |
| Permit 194 | 9,920 acres | acquired April 14, 1975 |

Ownership is divided as follows:

| | |
|----------|---------|
| S.M.D.C. | 33 1/3% |
| Inexco | 33 1/3% |
| Uranerz | 33 1/3% |

2.2 LOCATION AND ACCESS

Permit 189 is located:

Latitude - $59^{\circ} 18' N$

Longitude - $110^{\circ} 05' W$

Permit 190 is located:

Latitude - $59^{\circ} 14' N$

Longitude - $110^{\circ} 10' W$

Permit 191 is located:

Latitude - $59^{\circ} 12' N$

Longitude - $110^{\circ} 18' W$

Permit 193 is located:

Latitude - $58^{\circ} 58' N$

Longitude - $110^{\circ} 45' W$

Permit 194 is located:

Latitude - $58^{\circ} 52' N$

Longitude - $110^{\circ} 18' W$

Access to the above properties is by float or ski equipped aircraft. The barge service on Athabasca Lake does not have docking facilities within the area of investigation. Transportation can be done by aircraft or by boat along the shore of Lake Athabasca.

3. GENERAL GEOLOGY

See copy accompanying report. *where?*

4. INVESTIGATION4.1 PREVIOUS WORK

Work completed during 1975 and 1976 was filed for assessment April 1976.

4.2 CURRENT WORK

Following is a summary of all work completed for the period June 1976 - April 1977:

Linecutting

Permit 189: a total of 174 km has been cut and chained.

Permit 190: a total of 92 km has been cut and chained.
all grid crosslines were cut 200 meters apart.

Geoterrex Airborne EM and Magnetometer Survey - map #1

This combined airborne EM and magnetometer survey was flown in September and October 1976. A line spacing of 500 metres and a terrain clearance of 200 feet were employed.

Permit 189: a total of 170 line km were flown.

Permit 190: a total of 36 line km was flown.

no mag structures and EM conductors of interest were found.

Ground Magnetometer Survey - maps #3 and #4

Permit 189: a total of 118.5 line km was covered by ground magnetometer survey.

Permit 190: a total of 62.8 line km were covered by ground magnetometer survey.

No anomalous magnetic responses were detected.

Prospecting

Acetate overlays on airphotos at a scale of 1:37,500 were used for ground control. SRAT SPP-2 scintillometers were utilized to locate uraniferous boulders and uranium mineralized outcrops.

Permit 191: 5 ground prospecting traverses were completed and 36 airborne radiometric anomalies were ground followed up, but only five anomalies were explained by outcropping basement rock with anomalous background. SRAT readings of 600 to 3,500 cps with the nose of the instrument against the outcrop were recorded.

Due to the lack of results, it is recommended to drop this disposition.

Permit 193: 17 ground prospecting traverses were carried out. 2 uraniferous Athabasca sandstone boulders with readings of 800 and 5,000 cps were discovered. One of them resembled in appearance, the Fish Camp Bay boulder, found in 1975.

Permit 194: 20 ground prospecting traverses were performed but only one uraniferous boulder reading of 3,500 cps was found.

Copies of the airphoto overlays are included with this report.

Diamond Drilling - map #2

Permit 190: 15 holes, #6, 7, 8, 13 - 24, totalling 1,598 feet were drilled in June 1976. No uranium mineralization was found. All drill holes intersected Athabasca sandstone, covered by overburden up to 39 feet thick. The base of the Athabasca formation is made up of conglomerate of variable composition. Below the unconformity this strata consists of regolith, locally intersected with partly kaolinized and chloritized basement.

**UEM
La Ronge**

Assessment Work File

**CBS :
Permit: 189
Project: 71-41**

| Date | Description of Work - Men On Job | Ref. No. Of Record | Credit \$ |
|---------|--|--------------------|-----------|
| Mar./76 | Linecutting - 171 km cut and chained @ \$100/km done by: | | |
| Jan./77 | (see report Alberta Permits 189, 190, 191, 193 and 194) | | |
| | period #1 - #4 - page #1 to #3 | | 17,100.00 |
| Oct./76 | Geotrex airborne EM and magnetometer survey 170 km | | |
| | @ \$23.14/km. | | 3,933.80 |
| Nov.26 | Ground magnetometer survey - 22 km @ \$100/km done by: | | |
| 1976 | B. Millward, K. Olsen, B. Pister, M. O'Brien, L. Diakon | | |
| | W. Holmstead | | 2,200.00 |
| Nov. 27 | Ground magnetometer survey - 22.5 km @ \$100/km done by | | |
| 1976 | W. Millward | | 2,250.00 |
| Nov. 28 | Ground magnetometer survey - 24 km @ \$100/km done by | | |
| 1976 | | | 2,400.00 |
| Nov. 29 | Ground magnetometer survey - 28 km @ \$100/km done by | | |
| 1976 | | | 2,800.00 |
| Nov. 30 | Ground magnetometer survey - 4 km @ \$100/km by W. Holmstead | | |
| 1976 | | | 400.00 |
| Dec. 1 | Ground magnetometer survey - 14 km @ \$100/km by | | |
| 1976 | W. Holmstead, L. Diakon, M. O'Brien | | 1,400.00 |
| Feb. 16 | Ground magnetometer survey - 4 km @ \$100/km by | | |
| 1977 | W. Holmstead, M. Fenton | | 400.00 |
| | Sub total | | 32,883.80 |
| | + 10% overhead | | 3,288.38 |
| | Total: | | 36,172.18 |

UEM
La Ronge

Assessment Work File

CBS :
Permit: 190
Project: 71-41

| Date | Description of Work - Men On Job | Ref. No. Of Record | Credit \$ |
|-----------------|---|--------------------|-----------|
| Mar./76 | Linecutting - 92 km cut and chained @ \$100/km done by: | | |
| Jan./76 | (see report Alberta Permits, 189, 190, 191, 193 and 194) | | |
| | period #1 to #4 - page #1 to #3 | | 9,200.00 |
| June 18 1976 | Drill hole #6, 7, 8 - total footage 355 feet | 1051 | 10,149.10 |
| June 30 1976 | drill hole, #13,14,15,16,17,18,19,20,21,22,23,24 total footage | 1060 | 29,474.52 |
| Oct. 1976 | Geoterrex EM and magnetometer survey 36 km @ \$23.14 | | 833.04 |
| Nov.30 1976 | Ground magnetometer survey - 10 km @ \$100/km done by: W. Holmstead, L. Diakon | | 1,000.00 |
| Dec. 1 1976 | Ground magnetometer survey - 9 km @ \$100/km done by: W. Holmstead, L. Diakon | | 900.00 |
| Dec. 2 1976 | Ground magnetometer survey - 4 km @ \$100/km done by: W. Holmstead, L. Diakon | | 400.00 |
| Dec. 5 1976 | Ground magnetometer survey - 12 km @ \$100/km done by: W. Holmstead, L. Diakon | | 1,200.00 |
| Dec. 6 1976 | Ground magnetometer survey - 6 km @ \$100/km done by: W. Holmstead, L. Diakon | | 600.00 |
| Dec. 7 1976 | Ground magnetometer survey - 4 km @ \$100/km done by: W. Holmstead, L. Diakon | | 400.00 |
| Dec. 8 1976 | Ground magnetometer survey - 8 km @ \$100/km done by: W. Holmstead, L. Diakon | | 800.00 |
| Dec. 12 1976 | Ground magnetometer survey - 4 km @ \$100/km done by: W. Holmstead, L. Diakon | | 400.00 |
| | | | |
| | Sub total | | 55,356.66 |
| | + 10% overhead | | 5,535.67 |
| | Total: | | 60,892.33 |
| | | | |
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UEM
La Ronge

Assessment Work File

CBS :
Permit: 190
Project: 71-41

| Date | Description of Work - Men On Job | | | | Ref. No. Of Record | Credit \$ |
|-----------------|----------------------------------|----------|---------|--|--------------------|-----------|
| | PERSONNEL | MAG (km) | EM (KM) | | | |
| Feb. 14 1977 | W. Holmstead | 5.8 | | | | 580.00 |
| | H. Wolf | | | | | |
| | M. Fenton | | | | | |
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UEM La Ronge

Diamond Drill Hole Summary

Project No.: NW ATHABASCA 71-41

Date: April to June 1976

| No | Grid Location | Dip | Started | Completed | Depth | Geological Information | | | | Remarks |
|----|-------------------|-----|---------|-----------|-------|------------------------|--------|--------|-------|--|
| | | | | | | Overb. | S.S. | Regol. | Base. | |
| 13 | 198 NW/ 243 NE | 90° | 16.6.76 | 17.6.76 | 93 | -25 | -76 | -93 | | No uranium mineralization by scint (backgrd 20-35cps) |
| 14 | 196 NW/ 244 NE | 90° | 17.6.76 | 18.6.76 | 109 | -25.6 | -80.5 | -85 | -109 | No uranium mineralization by scint. (bckgrd 25-40cps) Altered basement is locally regolithix. |
| 15 | 198 NW/ 245 NE | 90° | 18.6.76 | 19.6.76 | 103 | -16 | -69.5 | -103 | | No uranium mineralization by scint. (bckgrd 20-35cps) Regolith contains few sections altered basement (strongly kaolinized) |
| 16 | 196 NW/ 246 NE | 90° | 19.6.76 | 20.6.76 | 103 | -26.5 | -79 | -103 | | No uranium mineralization by scint. (bckgrd 20-40cps) Regolith contains few sections of altered basement (partly chloritized) |
| 17 | 198 NW/ 247 NE | 90° | 20.6.76 | 21.6.76 | 123 | -26 | -61.5 | -101 | -123 | No uranium mineralization by scint. (bckgrd 25-50cps) Altered basement locally regolithix. (partly chloritized and kaolinized) |
| 18 | 196 NW/ 248 NE | 90° | 21.6.76 | 22.6.76 | 34 | -34 | | | | Drill hole stopped in overburden, no tricon! |
| 19 | 198 NW/ 249 NE | 90° | 23.6.76 | 24.6.76 | 100 | -33 | -72 | -100 | | No uranium mineralization by scint (25-45 cps) Regolith contains few sections altered basement. (partly chloritized and Kaolinized) |
| 20 | 200 NW/ 262 NE | 90° | 27.6.76 | 28.6.76 | 133 | -19 | -113.5 | | 133 | No uranium mineralization by scint. (25-35 cps) Altered basement locally regolithix, (partly chloritized and kaolinized) |
| 21 | 198 NW/ 251 NE | 90° | 22.6.76 | 23.6.76 | 103 | -39 | -70 | -103 | | No uranium mineralization by scint. (25-40 cps) Regolith contains few sections altered basement. (partly chloritized and kaolinized) |
| 22 | 200 NW/ 258 NE | 90° | 26.6.76 | 27.6.76 | 138 | -36 | -117.5 | -138 | | No uranium mineralization by scint. (25-40 cps) Regolith contains few sections altered basement (boulder 133-134 ft.) |
| 23 | 200 NW/ 252 NE | 90° | 24.6.76 | 25.6.76 | 102 | -30.5 | -65 | -97 | 102 | No uranium mineralization by scint. (20-35 cps) Basement locally altered (partly chloritized and kaolinized) |
| 24 | 200 NW/ 254 NE | 90° | 25.6.76 | 26.6.76 | 102 | -30.5 | -98 | -101 | -102 | No uranium mineralization by scint. (25-35 cps) 33% Core Recovery in Regolith. |

To

DATE April 26/76
 INVOICE NO. 967
 PAGE TWO

COSTS Continued

Hole #10 Apr. 14 14 Hrs. 7 Drill Hrs. - Moving to Hole #10, less than 200'.
 Hole # 9 Apr. 15 18 Hrs. 7 Drill Hrs. - Moving to Hole # 9, less than 200'.

| | | | |
|---------------|------------|---------------|--------------------------|
| 155 Hrs. | @ \$ 13.75 | 2131.25 | |
| 42 O.T. Hrs. | @ \$ 15.95 | 669.90 | |
| 58 Drill Hrs. | @ \$ 10.00 | <u>580.00</u> | \$ 3,381.15 |
| | | | <u><u> </u></u> |
| TOTAL: | | | \$ 13,192.65 |

O.K. [Signature] 3/5/76.

JOB 32-606

INVOICE NO: 967

DATE: Apr. 26/76

URANERZ EXPLORATION AND MINING LTD.
102 - 140 1st Avenue, S.W.,
CALGARY, Alberta T2P 0A5

DRILLING ATHABASCA LAKE AREA - April 1-15/76

| <u>HOLE NO.</u> | <u>FROM</u> | <u>TO</u> | <u>FOOTAGE</u> | <u>@</u> | <u>TOTAL</u> |
|-----------------|-------------|-----------|----------------|----------|--------------|
| 1 | 0 | 17 | 17 | | |
| | 17 | 199 | 182 | | |
| 2 | 0 | 29 | 29 | | |
| | 29 | 119 | 90 | | |
| 11 | 0 | 25 | 25 | | |
| | 25 | 88 | 63 | | |
| 12 | 0 | 30 | 30 | | |
| | 30 | 79 | 49 | | |
| 10 | 0 | 23 | 23 | | |
| | 23 | 72 | 49 | | |
| 9 | 0 | 28 | 28 | | |
| | 28 | 76 | 48 | | |
| | | | <u>633'</u> | 15.50 | 9811.50 |

COSTS

| | | | | | |
|----------|---------|---------|--------------|---------------|---|
| Hole #1 | Apr. 6 | 32 Hrs. | | | - Laid hose, take pump and shack to lake. |
| | Apr. 7 | 24 Hrs. | | | - Look-up hose. |
| Hole #2 | Apr. 9 | 16 Hrs. | 6 O.T. Hrs. | 10 Drill Hrs. | - Moving To Hole #2 - Less than 200' of drilling. |
| | Apr. 10 | 17 Hrs. | | 6 Drill Hrs. | - Moving To Hole #2 - Less than 200' drilled. |
| | Apr. 11 | | 12 O.T. Hrs. | 4 Drill Hrs. | - Testing. |
| Hole #11 | | | 24 O.T. Hrs. | 8 Drill Hrs. | - Moving to Hole #11, less than 200'. |
| | Apr. 12 | 18 Hrs. | | 8 Drill Hrs. | - Same as above. |
| Hole #12 | " 13 | 16 Hrs. | | 8 Drill Hrs. | - Moving to Hole #12, less than 200'. |

Cont'd Page



Connors Drilling Ltd.

Subsidiary of
Bow Valley Industries Ltd.

201 - 1201 WEST PENDER STREET, VANCOUVER, B.C. CANADA V6E 2V2
AREA CODE 604/683 - 2222

Dr. Colaniet-Thiel

JOB 32-606

INVOICE NO:
DATE:

969
April 27/76

URANERZ EXPLORATION AND MINING LTD.
102 - 140 1st Avenue, S.W.,
CALGARY, Alberta T2P 0A5

DRILLING ATHABASCA LAKE AREA - April 1-15/76

ADDITIONAL CHARGE, Re: Our Invoice #967

COSTS

Hole #2 Apr. 10 Should Be: 17 O.T. Hrs. @ \$ 2.20

\$ 37.40

O. U. Inc. 7/5/76.



Connors Drilling Ltd.

Subsidiary of
Bow Valley Industries Ltd.

201 - 1201 WEST PENDER STREET, VANCOUVER, B.C. CANADA V6E 2V7
AREA CODE 604/683 - 2222

Dr. Labuett - Trial

JOB 32-606

URANERZ EXPLORATION AND MINING LTD.
102 - 140 1st Avenue, S.W.,
CALGARY, Alberta T2P 0A5

INVOICE NO: 971
DATE: April 29/ 76

DRILLING ATHABASCA LAKE AREA - April 16-21st, 1976

| HOLE NO. | FROM | TO | FOOTAGE | | TOTAL |
|----------|------|----|---------|-------|-----------|
| 3 | 0 | 30 | 30 | | |
| | 30 | 88 | 58 | | |
| 4 | 0 | 25 | 25 | | |
| | 25 | 79 | 54 | | |
| 5 | 0 | 21 | 21 | | |
| | 21 | 99 | 78 | | |
| | | | 265 ✓ | 15.50 | 4123.00 ✓ |

| COST | | | | |
|------------|----------------------|-----------------|---------------|--------------------|
| Apr. 16 | 16 Hrs. | 16 O.T. Hrs. ✓ | | |
| Apr. 19 | 20 Hrs. | 10 Drill Hrs. ✓ | | |
| | 4 Hrs. | | | |
| Apr. 20 | 20 Hrs. | 8 O.T. Hrs. | 17 Drill Hrs. | 7 Tractor Hrs. |
| Apr. 21 | 16 Hrs. | | 8 Drill Hrs. | |
| | | | | |
| | 76 Hrs. | | @ \$ 13.75 | 1045.00 |
| | 24 O.T. Hrs. | | @ \$ 15.95 | 382.80 |
| | 18 Drill Hrs. Moving | | @ \$ 7.00 | 126.00 |
| | 17 Drill Hrs. | | @ \$ 10.00 | 170.00 |
| | 7 Tractor Hrs. | | @ \$ 10.00 | 70.00 |
| | | | | <u>1793.80</u> |
| CORE BOXES | 33 A Q Boxes | | @ \$ 5.20 | 171.60 |
| | | | PLUS 15% | 25.74 |
| | | | | <u>197.34</u> |
| CARBOXEL | 3 X 2 Lb. Bags | | @ \$ 1.11 | 6.66 |
| | | | PLUS 15% | .99 |
| | | | | <u>7.65</u> |
| | | | TOTAL: | \$ 6,121.79 |

invoice No 971

back to Connors Drilling Ltd

Apr. 29/76

DATE **June 18th, 1976**

INVOICE NO **1051**

PAGE TWO

| | | | | |
|-----------------|------|-------|----------|-----------------|
| 128 Hrs. | @ \$ | 13.75 | 1,760.00 | |
| 72 O.T. Hrs. | @ \$ | 15.95 | 1,148.40 | |
| 32 Drill Hrs. | @ \$ | 7.00 | 224.00 | |
| 28 Tractor Hrs. | @ \$ | 10.00 | 280.00 | <u>3,412.40</u> |

TOTAL AMOUNT OF INVOICE: \$ 10,149.10

C. H.
June 30. 6. 76.

| | |
|-------------|-----------------|
| U E M | <i>Amundson</i> |
| Project No. | : <u>7141</u> |
| Acct. No. | : _____ |
| Entered | : _____ |

JUN 25 1976

JOB 32-606

URANERZ EXPLORATION AND MINING LTD.
102 - 140 1st Avenue, S.W.,
CALGARY, Alberta T2P 0A5

INVOICE NO: 1051
DATE: June 18/76

DRILLING ATHABASCA LAKE AREA-June 1-15th, 1976

| <u>HOLE NO.</u> | <u>FROM</u> | <u>TO</u> | <u>FOOTAGE</u> | <u>@</u> | <u>TOTAL</u> |
|-----------------|-------------|-----------|----------------|----------|--------------|
| 8 | 0 | 24 | 24 | 15.50 | 372.00 |
| | 24 | 149 ✓ | 125 | 15.50 | 1937.50 |

COST

| | | | | |
|-----------|---------------------------------------|------------|--------|--------|
| June 14th | 20 Hrs. - Move less than 200' drilled | @ \$ 13.75 | 275.00 | |
| | 10 O.T. Hrs. | @ \$ 15.95 | 159.50 | |
| | 10 Drill Hrs. | @ \$ 7.00 | 70.00 | |
| | 10 Tractor Hrs. | @ \$ 10.00 | 100.00 | 604.50 |

| | | | | | |
|---|----|-------|----|-------|---------|
| 7 | 0 | 30 | 30 | 15.50 | 465.00 |
| | 30 | 103 ✓ | 73 | 15.50 | 1131.50 |

COST

| | | | | |
|------------|---------------------------------------|------------|--------|--------|
| April 15th | 24 Hrs. - Move less than 200' drilled | @ \$ 13.75 | 330.00 | |
| | 6 O.T. Hrs. | @ \$ 15.95 | 95.70 | |
| | 12 Drill Hrs. | @ \$ 7.00 | 84.00 | |
| | 12 Tractor Hrs. | @ \$ 10.00 | 120.00 | 629.70 |

| | | | | | |
|---|----|-------|----|-------|---------|
| 6 | 0 | 34 | 34 | 15.50 | 527.00 |
| | 34 | 103 ✓ | 69 | 15.50 | 1069.50 |

COST - Move From Hole #5 Less Than 200' Drilled

| | | | | |
|----------|---------|--------------|---------------|-----------------|
| June 8th | 32 Hrs. | | | |
| " 9th | 32 Hrs. | 12 O.T. Hrs. | 12 Drill Hrs. | 8 Tractor Hrs. |
| " 10th | 32 Hrs. | | | |
| " 11th | 32 Hrs. | | 8 Drill Hrs. | 8 Tractor Hrs. |
| " 12th | | 60 O.T. Hrs. | 12 Drill Hrs. | 12 Tractor Hrs. |

To

DATE **June 30/76**

INVOICE NO. **1060**

PAGE FOUR

| | | | |
|--------------------------------|------------|--------------|--------|
| ✓ 10 Hrs. - Move From Hole #24 | @ \$ 13.75 | 137.50 | |
| ✓ 8 O.T. Hrs. | @ \$ 15.95 | 127.60 | |
| ✓ 12 Drill Hrs. | @ \$ 7.00 | 84.00 | |
| ✓ 9 Tractor Hrs. | @ \$ 10.00 | <u>90.00</u> | 705.37 |

| | | | | | |
|----|------|-----|----|-------|---------|
| 22 | ✓ 0 | 32 | 32 | 15.50 | 496.00 |
| | ✓ 32 | 103 | 71 | 15.50 | 1100.50 |

COST

| | | | | |
|-----------|---------------------------------------|---------------|--------------|--------|
| June 27th | 6 Hrs. - Hammer Casing ^{40!} | @ \$ 13.75 | 82.50 | |
| | ✓ 16 BW 2' Casing @ 16.65 | 266.40 | | |
| | ✓ 1 BW Casing Shoe | <u>143.15</u> | | |
| | | 409.55 | | |
| | PLUS 15% | 61.43 | 470.98 | |
| | ✓ 10 Hrs. - Move From Hole 22 | @ \$13.75 | 137.50 | |
| | ✓ 8 O.T. Hrs. | @ \$15.95 | 127.60 | |
| | ✓ 12 Drill Hrs. | @ \$ 7.00 | 84.00 | |
| | ✓ 9 Tractor Hrs. | @ \$10.00 | <u>90.00</u> | 992.58 |

| | | | | | |
|----|------|-----|-----|-------|---------|
| 20 | ✓ 0 | 18 | 18 | 15.50 | 279.00 |
| | ✓ 18 | 138 | 120 | 15.50 | 1860.00 |

COST

| | | | | |
|-----------|-------------------------------|---------------|--------|--------|
| June 28th | ✓ 2 Hrs. - Move From Hole #20 | @ \$13.75 | 27.50 | |
| | ✓ 8 O.T. Hrs. | @ \$15.95 | 127.60 | |
| | ✓ 5 Drill Hrs. | @ \$ 7.00 | 35.00 | |
| | ✓ 9 BW 2' Casing @ \$16.65 | 149.85 | | |
| | ✓ 1 BW Casing Shoe | <u>143.15</u> | | |
| | | 293.00 | | |
| | PLUS 15% | 43.95 | 336.95 | 527.05 |

| | | | | | |
|----|-------|-----|----|-------|--------|
| 22 | ✓ 103 | 138 | 35 | 15.50 | 542.50 |
|----|-------|-----|----|-------|--------|

| | | | | |
|--------------|--------------------------------|-----------|---------------|---------------|
| June 28-29th | ✓ 38 Hrs. - Move From Hole #22 | @ \$13.75 | 522.50 | |
| | 16 O.T. Hrs. | @ \$15.95 | 255.20 | |
| | ✓ 19 Tractor Hrs. | @ \$10.00 | <u>190.00</u> | <u>967.70</u> |

TOTAL FOOTAGE @ 1,346'

*40 way!
1,246'*

TOTAL: \$ 31,024.52

1550.-
29474.52

*Back to Connors to check out the invoice again
refer to pages 2, 3, 4*

20.7.76.

DATE **June 30/76**

INVOICE NO. **1060**

PAGE THREE

To

| | | | | | |
|-----------|-------------------|-----|-----------|---------------|---------|
| June 22nd | ✓ 12 Drill Hrs. | | @ \$ 7.00 | 84.00 | |
| | ✓ 12 Tractor Hrs. | | @ \$10.00 | <u>120.00</u> | 1336.13 |
| 21 | ✓ 0 | 40 | 40 | 15.50 | 620.00 |
| | ✓ 40 | 103 | 63 | 15.50 | 976.50 |

COST

| | | | | | |
|-----------|-------------------------------|-----|-----------|---------------|---------|
| June 23rd | ✓ 4 Hrs. - Pull Casing | | @ \$13.75 | 55.00 | |
| | ✓ 6 Hrs. - Move From Hole #21 | | @ \$13.75 | 82.50 | |
| | ✓ 8 O.T. Hrs. | | @ \$15.95 | 127.60 | |
| | ✓ 9 Drill Hrs. | | @ \$ 7.00 | 63.00 | |
| | ✓ 7 Tractor Hrs. | | @ \$10.00 | 70.00 | |
| | ✓ 20 BW 2' Casing @ \$16.65 | | | 333.00 | |
| | ✓ 1 BW Casing Shoe @ | | | <u>143.15</u> | |
| | | | | 476.15 | |
| | | | PLUS 15% | <u>71.42</u> | |
| | | | | 547.57 | 945.67 |
| 1 | ✓ 0 | 32 | 32 | 15.50 | 496.00 |
| | ✓ 32 | 100 | 68 | 15.50 | 1054.00 |

COST

| | | | | | |
|-----------|--------------------------------|-----|-----------|---------------|--------|
| June 24th | ✓ 6 Hrs. - Pull Casing | | @ \$13.75 | 82.50 | |
| | ✓ 10 Hrs. - Move From Hole #19 | | @ \$13.75 | 137.50 | |
| | ✓ 8 O.T. Hrs. | | @ \$15.95 | 127.60 | |
| | ✓ 12 Drill Hrs. | | @ \$ 7.00 | 84.00 | |
| | ✓ 10 Tractor Hrs. | | @ \$10.00 | <u>100.00</u> | 531.60 |
| 23 | ✓ 0 | 39 | 39 | 15.50 | 604.50 |
| | ✓ 39 | 102 | 63 | 15.50 | 976.50 |

COST

| | | | | | |
|-----------|-------------------------------|-----|-----------|--------------|---------|
| June 25th | ✓ 8 Hrs. - Pull Casing | | @ \$13.75 | 110.00 | |
| | ✓ 8 Hrs. - Move From Hole #23 | | @ \$13.75 | 110.00 | |
| | ✓ 8 O.T. Hrs. | | @ \$15.95 | 127.60 | |
| | ✓ 12 Drill Hrs. | | @ \$ 7.00 | 84.00 | |
| | ✓ 8 Tractor Hrs. | | @ \$10.00 | <u>80.00</u> | 511.60 |
| 24 | ✓ 0 | 34 | 34 | 15.50 | 527.00 |
| | ✓ 34 | 102 | 68 | 15.50 | 1054.00 |

COST

| | | | | | |
|-----------|----------------------------|--|-----------|---------------|---|
| June 26th | 6 Hrs. - Pull Casing ? 40! | | @ \$13.75 | 82.50 | |
| | ✓ 1 BW 2' Casing @ | | | 16.65 | |
| | ✓ 1 BW Casing Shoe @ | | | <u>143.15</u> | |
| | | | | 159.80 | |
| | | | PLUS 15% | <u>23.97</u> | |
| | | | | 183.77 | 4 |

DATE June 30/76

INVOICE NO. 1060

PAGE TWO

To

| HOLE NO. | FROM | TO | FOOTAGE | @ | TOTAL |
|----------|------|-----|---------|-------|---------|
| 15 | ✓ 0 | 16 | 16 | 15.50 | 248.00 |
| | ✓ 16 | 103 | 87 | 15.50 | 1348.50 |

COST

| | | | | | |
|-----------|-------------------|----------------------|-----------|---------------|--------|
| June 18th | ✓ 14 Hrs. | - Move From Hole #15 | @ \$13.75 | 192.50 | |
| | ✓ 8 O.T. Hrs. | | @ \$15.95 | 127.60 | |
| | ✓ 11 Drill Hrs. | | @ \$ 7.00 | 77.00 | |
| | ✓ 12 Tractor Hrs. | | @ \$10.00 | <u>120.00</u> | 517.10 |

| | | | | | |
|----|------|-----|----|-------|---------|
| 16 | ✓ 0 | 22 | 22 | 15.50 | 341.00 |
| | ✓ 22 | 103 | 81 | 15.50 | 1255.50 |

COST

| | | | | | |
|-----------|-------------------------------|-------------|--|---------------|--------|
| June 18th | ✓ 20 Lbs. Carboxel @ \$ 1.11 | 22.20 | | | |
| | PLUS 15% | <u>3.33</u> | | 25.53 | |
| 19th | ✓ 16 Hrs. - Move From Hole 16 | @ \$ 13.75 | | 220.00 | |
| | ✓ 8 O.T. Hrs. | @ \$ 15.95 | | 127.60 | |
| | ✓ 12 Drill Hrs. | @ \$ 7.00 | | 84.00 | |
| | ✓ 12 Tractor Hrs. | @ \$ 10.00 | | <u>120.00</u> | 577.13 |

| | | | | | |
|----|----|-----|-----|-------|---------|
| 17 | 0 | 26 | 26 | 15.50 | 403.00 |
| | 26 | 223 | 197 | 15.50 | 3053.50 |

2. no way. total footage 123 ft

COST

| | | | | | |
|-----------|------------------------------|-------------|--|---------------|--------|
| June 20th | ✓ 20 Lbs. Carboxel @ \$ 1.11 | 22.20 | | | |
| | PLUS 15% | <u>3.33</u> | | 25.53 | |
| | ✓ 8 O.T. Hrs. Pull Casing | @ \$ 15.95 | | 127.60 | |
| | ✓ 16 Hrs. Move From Hole 16 | @ \$ 13.75 | | 220.00 | |
| | ✓ 12 Drill Hrs. | @ \$ 7.00 | | 84.00 | |
| | ✓ 10 Tractor Hrs. | @ \$ 10.00 | | <u>100.00</u> | 557.13 |

| | | | | | |
|----|-----|----|----|-------|--------|
| 18 | ✓ 0 | 32 | 32 | 15.50 | 496.00 |
|----|-----|----|----|-------|--------|

COST

| | | | | | |
|-----------|-------------------------------|------------|--|---------------|--------|
| June 21st | ✓ 1 BW 2' Casing | @ \$ 16.65 | | | |
| | ✓ 1 BW Casing Shoe | @ \$143.15 | | | |
| | ✓ 1 BQ Shell | @ \$207.30 | | | |
| | ✓ 1 BQ Core Bit | @ \$292.90 | | | |
| | ✓ 20 Lbs Carboxel @ 1.11 | @ \$ 22.20 | | | |
| | | | | <u>682.20</u> | |
| | | PLUS 15% | | <u>102.33</u> | 784.53 |
| June 22nd | ✓ 16 Hrs. - Move from Hole 18 | @ \$ 13.75 | | 220.00 | |
| | ✓ 8 O.T. Hrs. | @ \$ 15.95 | | 127.60 | |

Dr. Leblond - Total

JOB 32-606

URANERZ EXPLORATION AND MINING LTD.
 102 - 140 1st Avenue, S.W.,
 CALGARY, Alberta

INVOICE NO: 1060
 DATE: June 30/76

DRILLING ATHABASCA LAKE AREA-June 16-30/76

COST

| | | | | | | |
|-----------|--|----|----|---------------|---------------|---------|
| June 16th | ✓ 16 Man Hrs. - Move From Hole #6 @ \$ 13.75 | | | | 220.00 | |
| | ✓ 8 O.T. Hrs. " " " " @ \$ 15.95 | | | | 127.60 | |
| | ✓ 12 Drill Hrs. " " " " @ \$ 7.00 | | | | 84.00 | |
| | ✓ 12 Tractor Hrs. " " " " @ \$ 10.00 | | | | 120.00 | |
| | ✓ 17 BW 2' Casing @ \$16.65 | | | 283.05 | | |
| | ✓ 1 BW Casing Shoe | | | 143.15 | | |
| | | | | <u>426.20</u> | | |
| | | | | PLUS 15% | | |
| | | | | <u>63.93</u> | | |
| | | | | | <u>490.13</u> | 1041.73 |
| 13 | ✓ 0 | 26 | 26 | 15.50 | | 403.00 |
| | ✓ 26 | 93 | 67 | 15.50 | | 1038.50 |

COST

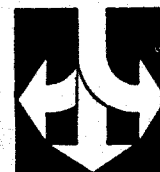
| | | | | | | |
|-----------|---|-----|----|-------|--------|---------|
| June 17th | ✓ 16 Hrs. - Move From Hole #13 @ \$ 13.75 | | | | 220.00 | |
| | 8 O.T. Hrs. @ \$ 15.95 | | | | 127.60 | |
| | ✓ 12 Drill Hrs. @ \$ 7.00 | | | | 84.00 | |
| | ✓ 12 Tractor Hrs. @ \$ 10.00 | | | | 120.00 | 551.60 |
| 14 | ✓ 0 | 26 | 26 | 15.50 | | 403.00 |
| | ✓ 26 | 109 | 83 | 15.50 | | 1286.50 |

COST

| | | | | | | |
|-----------|--|-------------|--|--|--------------|--------|
| June 17th | ✓ 20 LBS Carboxel @ \$ 1.11 | 22.20 | | | | |
| | PLUS 15% | <u>3.33</u> | | | 25.33 | |
| " 18th | ✓ 8 Hrs. - Move From Hole #14 @ \$ 13.75 | | | | 110.00 | |
| | ✓ 8 O.T. Hrs. @ \$ 15.95 | | | | 127.60 | |
| | ✓ 8 Drill Hrs. @ \$ 7.00 | | | | 56.00 | |
| | ✓ 8 Tractor Hrs. @ \$ 10.00 | | | | <u>80.00</u> | 399.13 |

INVOICE:

GEOTERREX LIMITED
INTERNATIONAL RESOURCES and ENGINEERING



2060 WALKLEY RD.,
OTTAWA, ONT. K1G 3P5
area code (613) - 731-9571
cable address GEOTERREX

TO: **Uranerz Exploration and Mining Ltd.,**
102, 140 - 1st Avenue S.W.,
CALGARY, Alberta, T2P 0A5.
Attention: Mr. E. Rockel

4885

(84-147)

DETAILS

March 16, 1977.

RE: EM-30 ELECTROMAGNETIC SURVEY - CREE LAKE AND LAKE ATHABASKA

In accordance with the terms of the agreement dated August 16th, 1976 between Uranerz Exploration and Mining Limited and Geotrex Limited we submit our account herewith due on delivery of final report:

| | |
|--|------------------|
| Mobilization-Demobilization | \$ 6,000.00 |
| Survey 2,405.2 line kms @ \$21.00/km | 50,509.20 |
| Two copies of records re Athabaska area per attached..... | 413.45 |
| 1:50,000 reduction for Virgin Lake and Athabaska Area | <u>214.75</u> |
| | \$57,137.40 |
| Less: Progress billings | |
| # 4663 | \$ 16,200.00 |
| # 4745 | <u>32,400.00</u> |
| | <u>48,600.00</u> |
| | \$ 8,537.40 |
| | ===== |

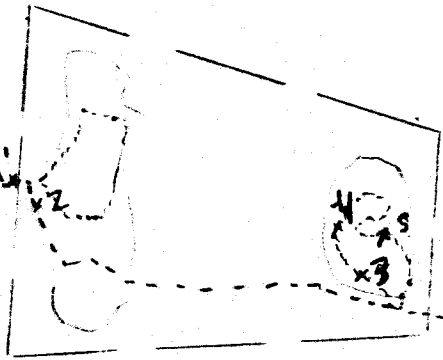
(*84-147)

UEM
La Ronge

Assessment Work File June 1976

CBS :
Permit: 191
Project: 71-41

| Date | Description of Work - Men On Job | Ref. No. Of Record | Credit \$ |
|---------|---|--------------------|-----------|
| June 29 | Gordon Roberts - prospecting for radiometric airborne | | |
| | anomaly (returned with 6 samples, all basement materials, | | |
| | registering 50 - 90 cps) \$150. | 191a | 150.00 |
| | | | |
| | Wally McLeod - prospecting for radiometric airborne anomalies | | |
| | (returned with 1 sample 700 cps*) \$150. | 191b | 150.00 |
| | | | |
| | Horace McLeod - prospecting for radiometric airborne | | |
| | anomaly \$150. | 191c | 150.00 |
| | | | |
| June 30 | Gordon Roberts - prospecting for radiometric airborne | | |
| | anomaly \$150. | 191d | 150.00 |
| | | | |
| | Wally McLeod - prospecting for radiometric airborne | | |
| | anomalies \$150. | 191e | 150.00 |
| | | | |
| | | | |
| | Sub total | | 750.00 |
| | 10% overhead | | . 75.00 |
| | | | |
| | Total: | | 825.00 |
| | | | |
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| | | | |



1 mile
————— (4.35 cm)

Air Photo
A 15165-112
Traverse 191a
Late June 29/76
Doneky Gordon Follett



1 MILE

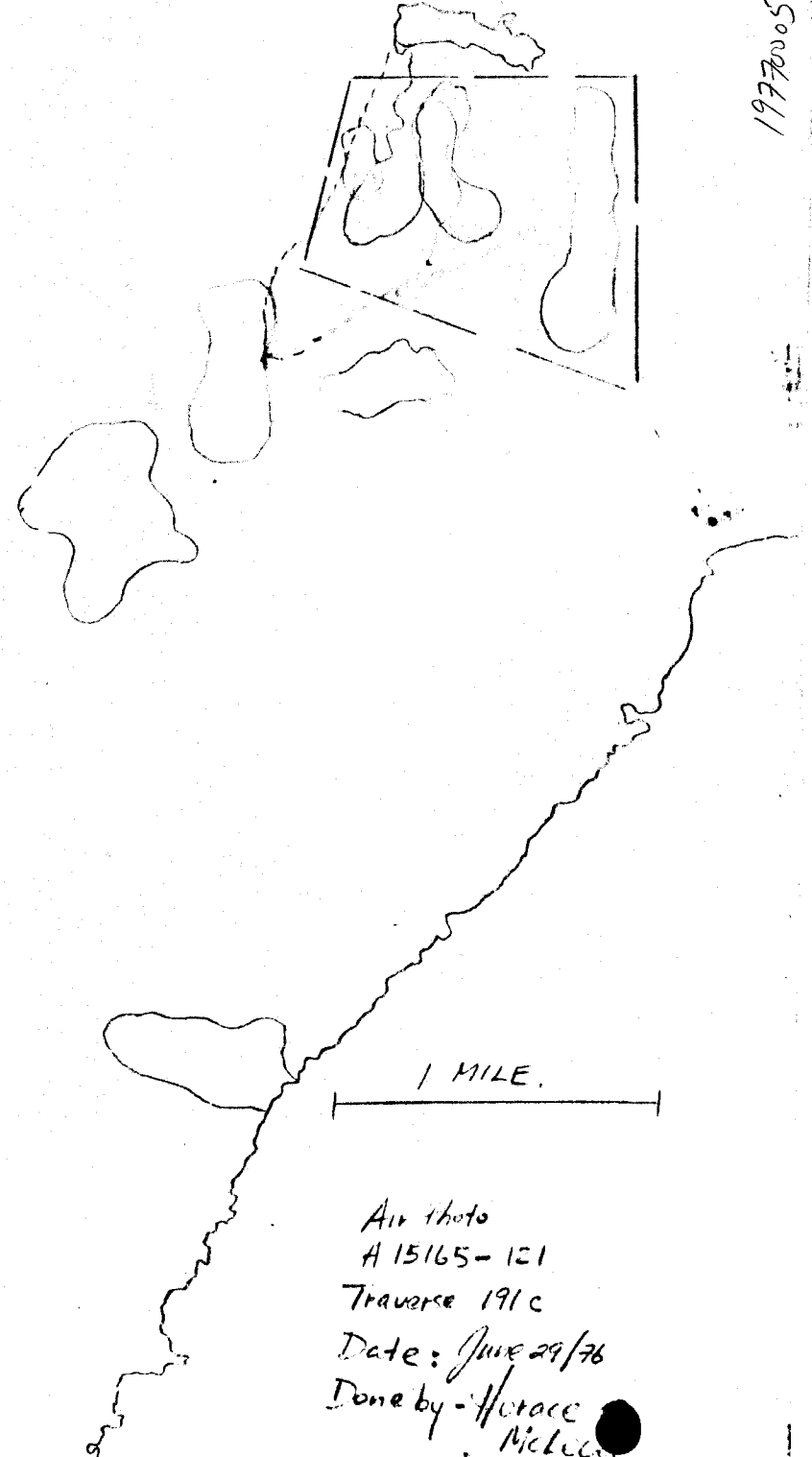
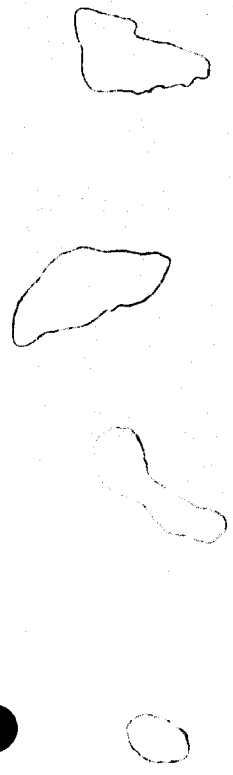
Air Photo
#15165-120
Traverse 1916
Date June 28/76
Done by Wally McLeod

19770005

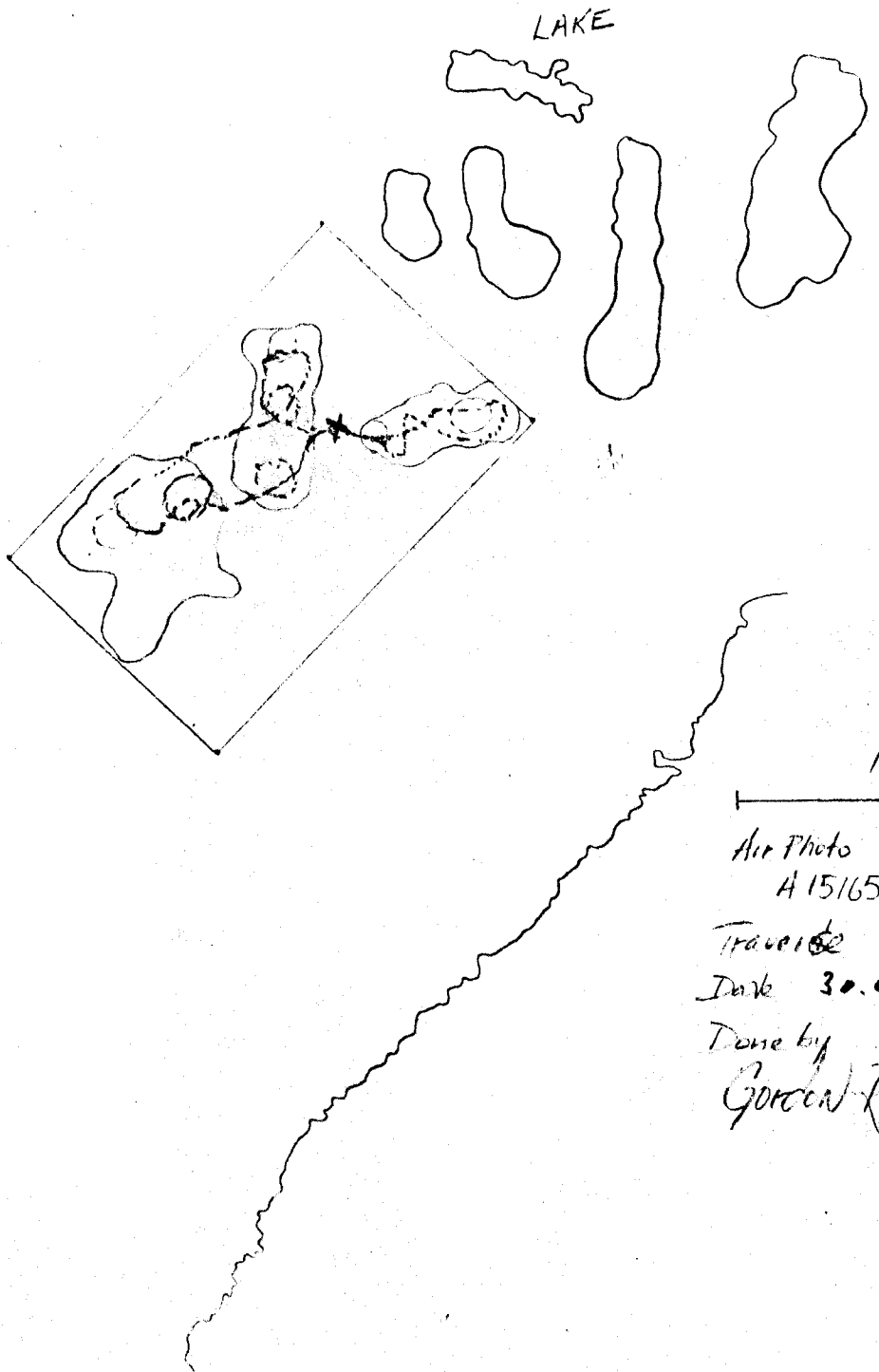
19770005

↓ LAKE

A_N



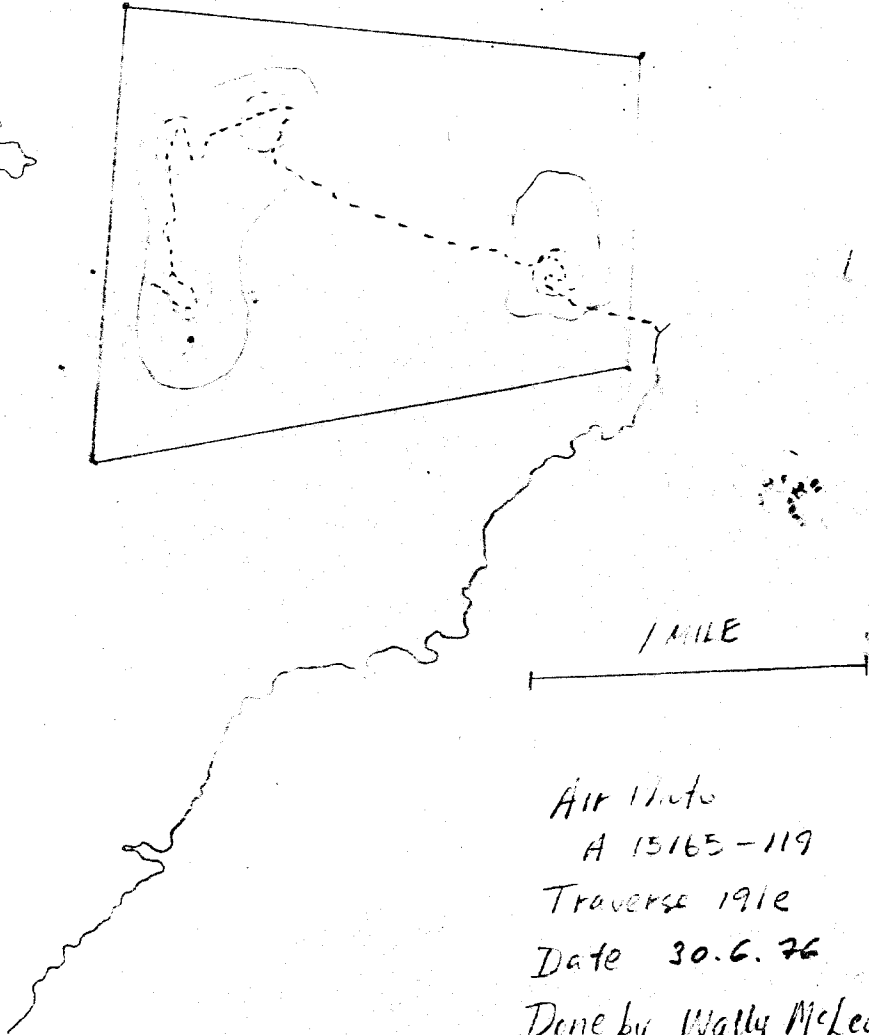
Air photo
A 15165-121
Traverse 191c
Date: June 29/76
Done by - Horace
 Michael



LAKE

1 mile

Air Photo
A 15165-120
Traverse 191 d
Date 30.6.76
Done by
Gordon Roberts



Air Photo
A 15165-119
Traverse 191e
Date 30.6.76
Done by Wally McLeod

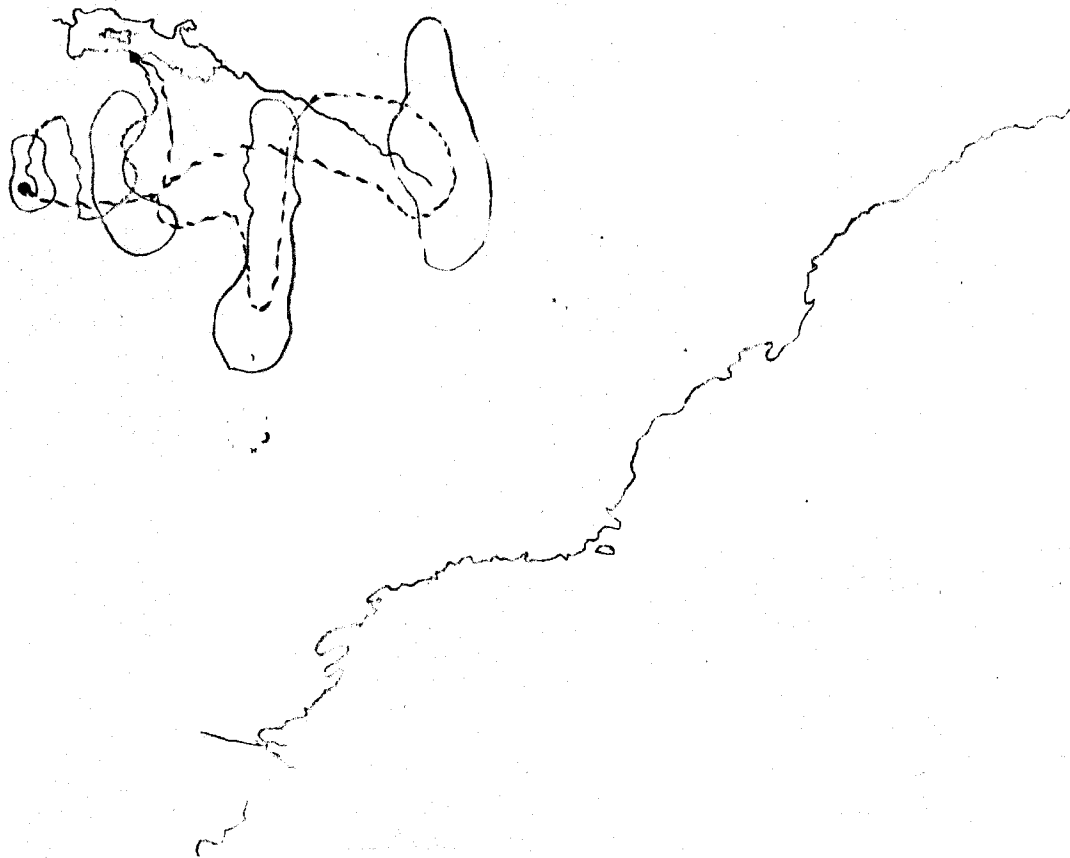
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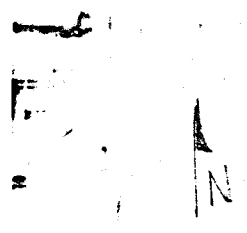
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Traverse 191F

Date: July 6/76.

Done By: Wally McLeod
Sam Roberts.





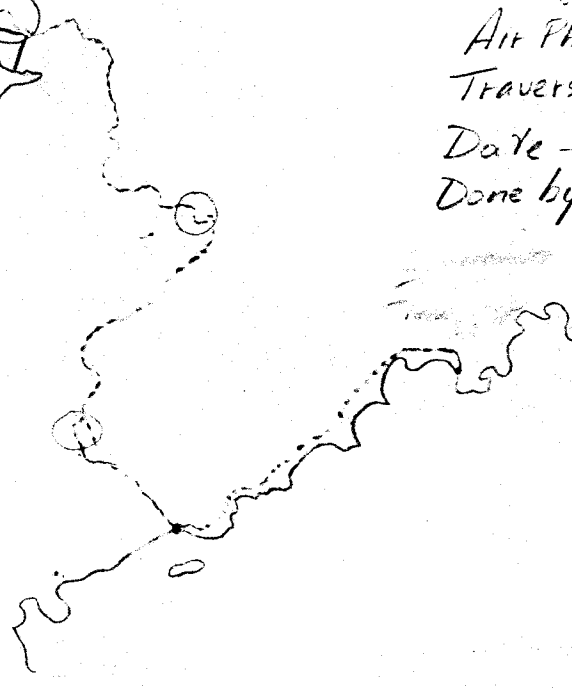
Background ~ 500
high ~ 5000

LAKE

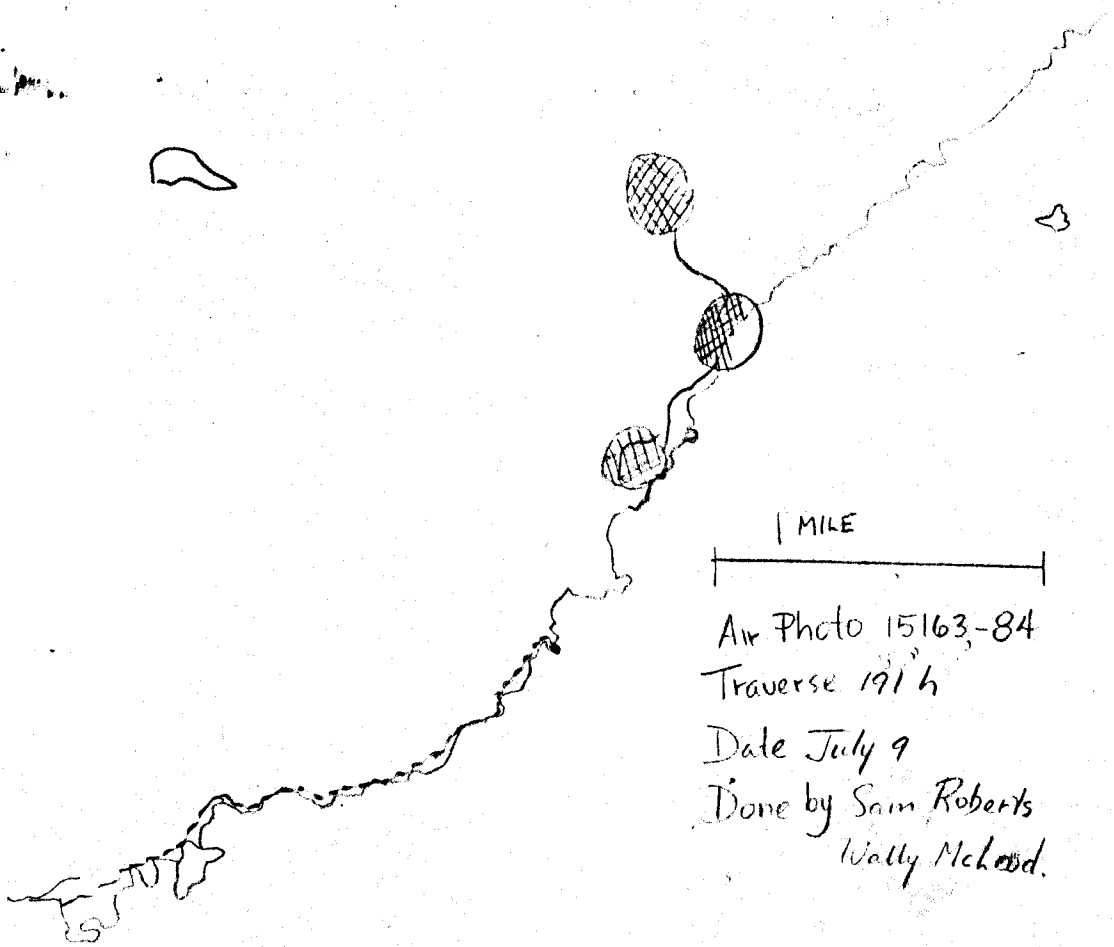


1 MILE

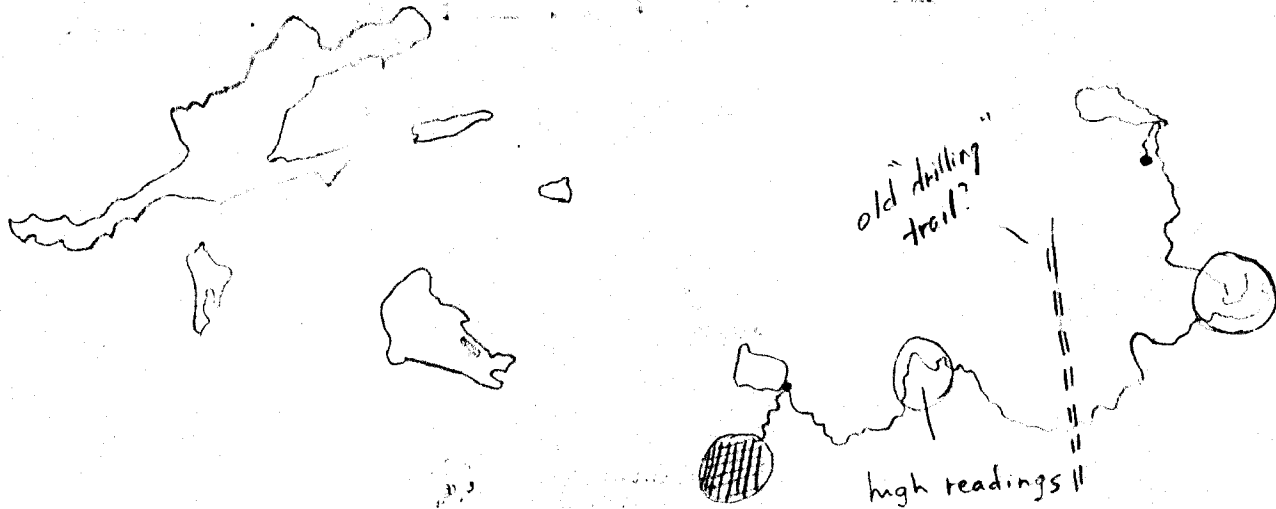
Air Photo → 15163-83
Traverse - 1919
Date - July 8
Done by - Sam Roberts



Wally
Piehead.

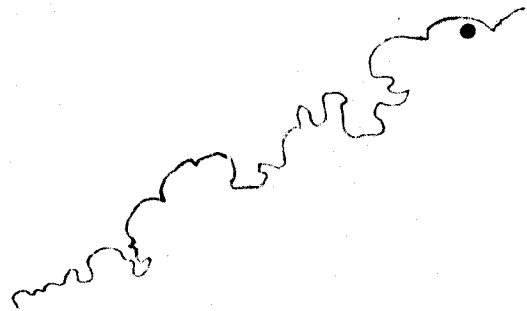


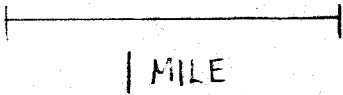
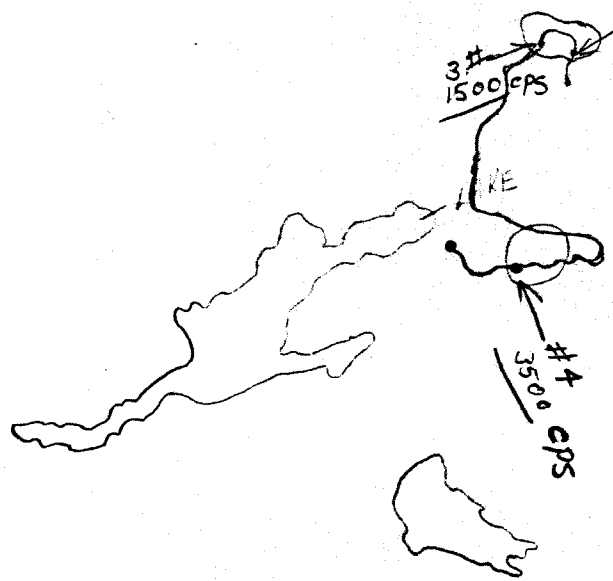
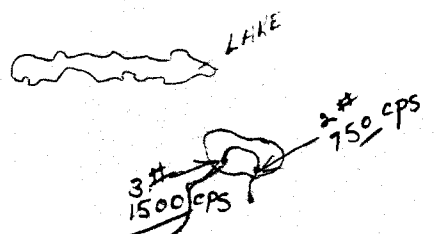
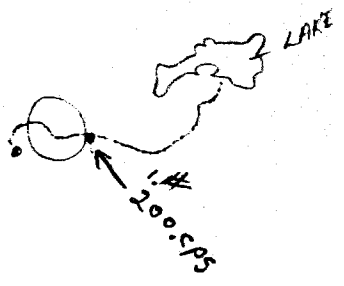
Air Photo 15163-84
Traverse 191 h
Date July 9
Done by Sam Roberts
Wally McLeod.



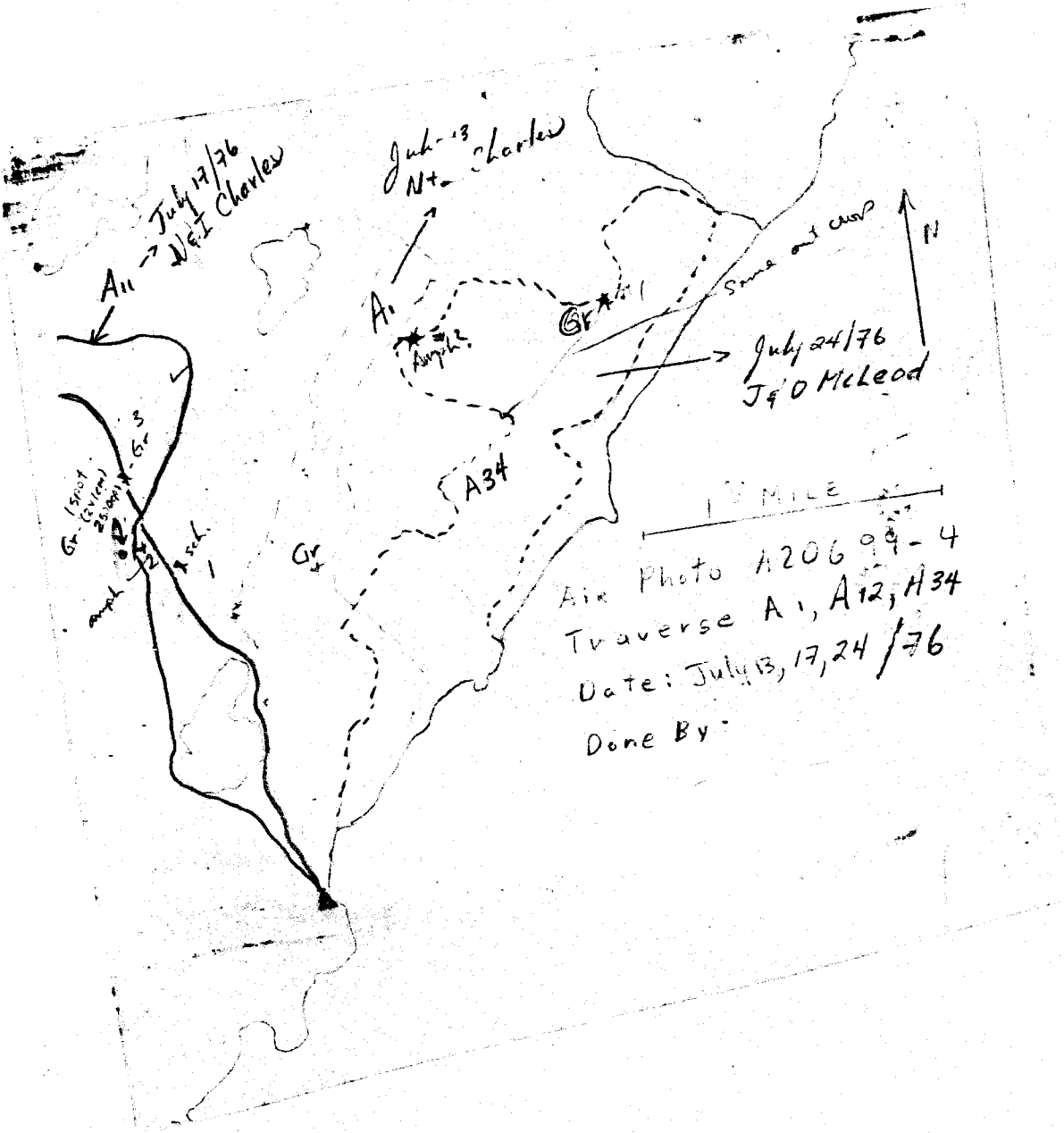
1 Mile

Air Photo
A15163-82
Traverse 191 i
Date July 10/76
Done by Walter McLeod
Sam Roberts





Air Photo A15165-122
Traverse 191j
Date July 31/76
Done by Sam Roberts
Norman Charles



Air Photo A206 99-4
 Traverse A1, A12, A34
 Date: July 13, 17, 24 /76
 Done By:

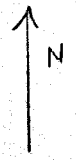
Air Photo
A20099-78

Traverse: A-5

Date: July 15, 1976

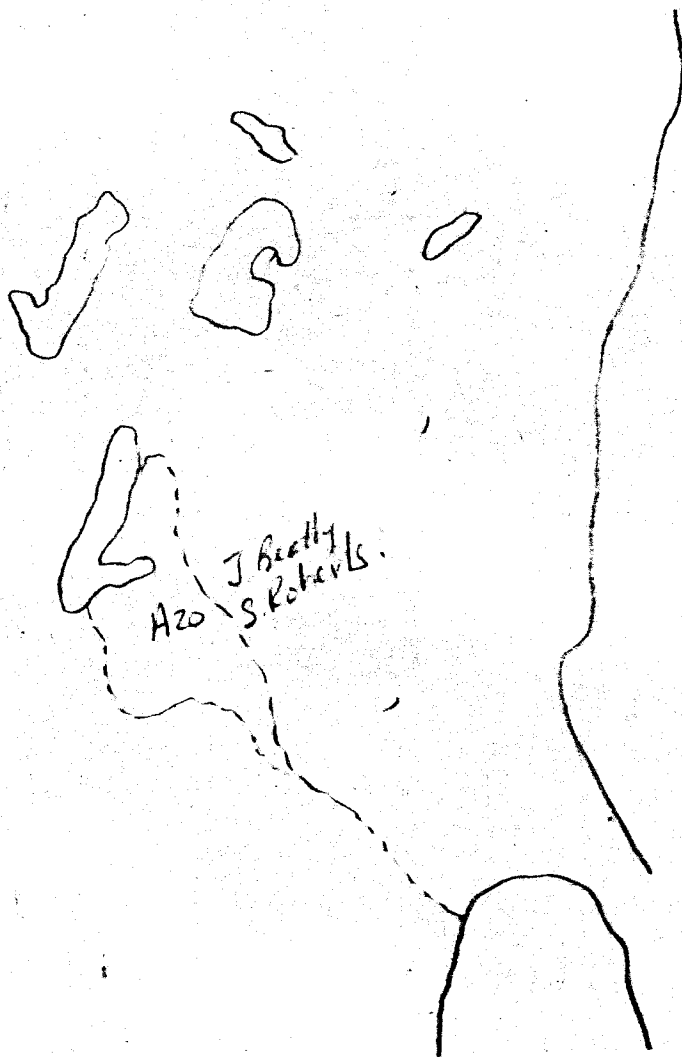
Done by: Sam R.
John B.

1 MILE



5000661





1 mile

Air Photo

A20699-76

Traverse A 20

Date July 20/76

19770005

1 mile

Traverse A 22, 24

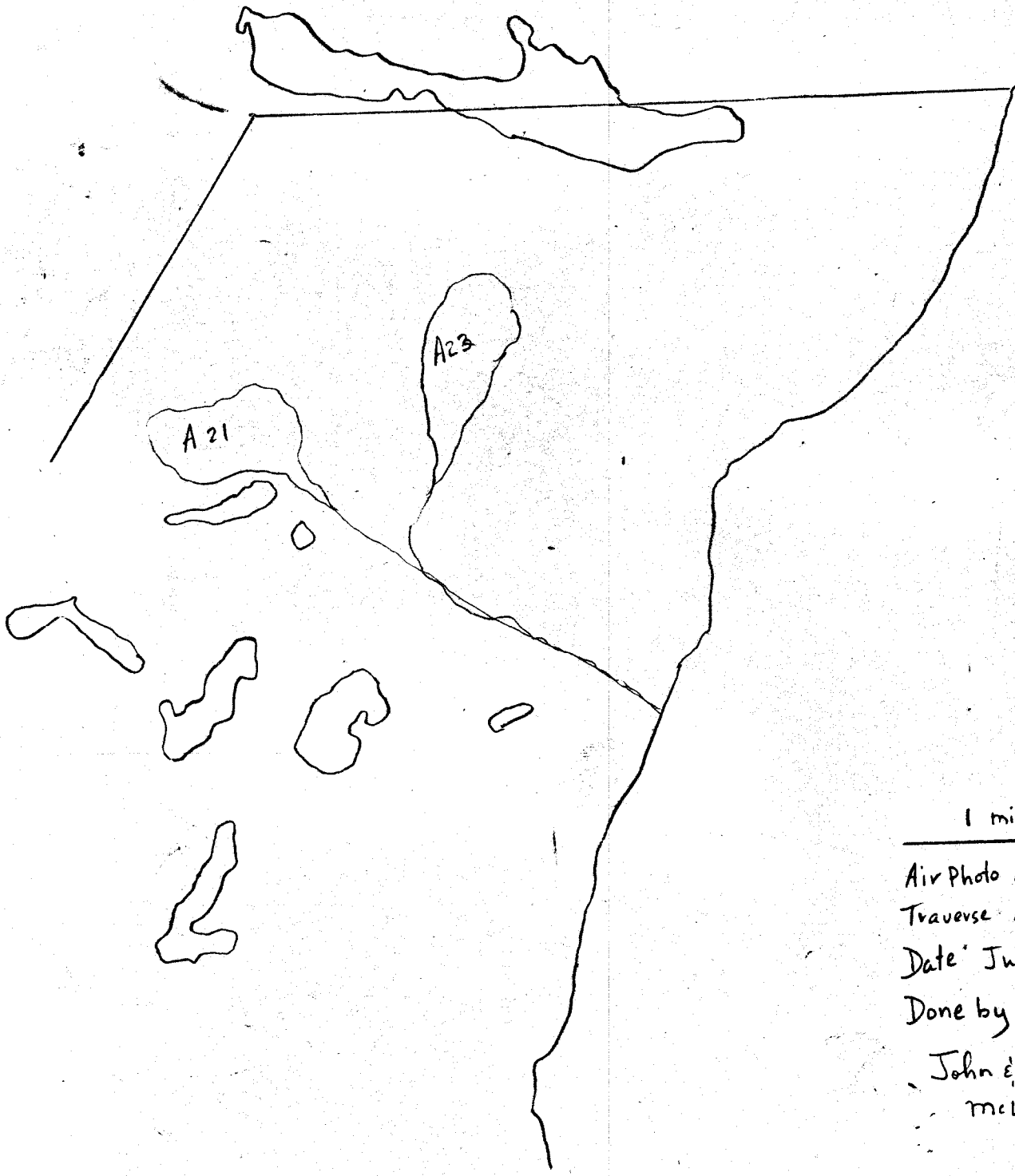
Date July 20, 21/76

Air Photo A 20699-153

Norman & Isaac Charles



19770005



1 mile

Air Photo A20699-54
Traverse A21,23
Date: July 20,21/76

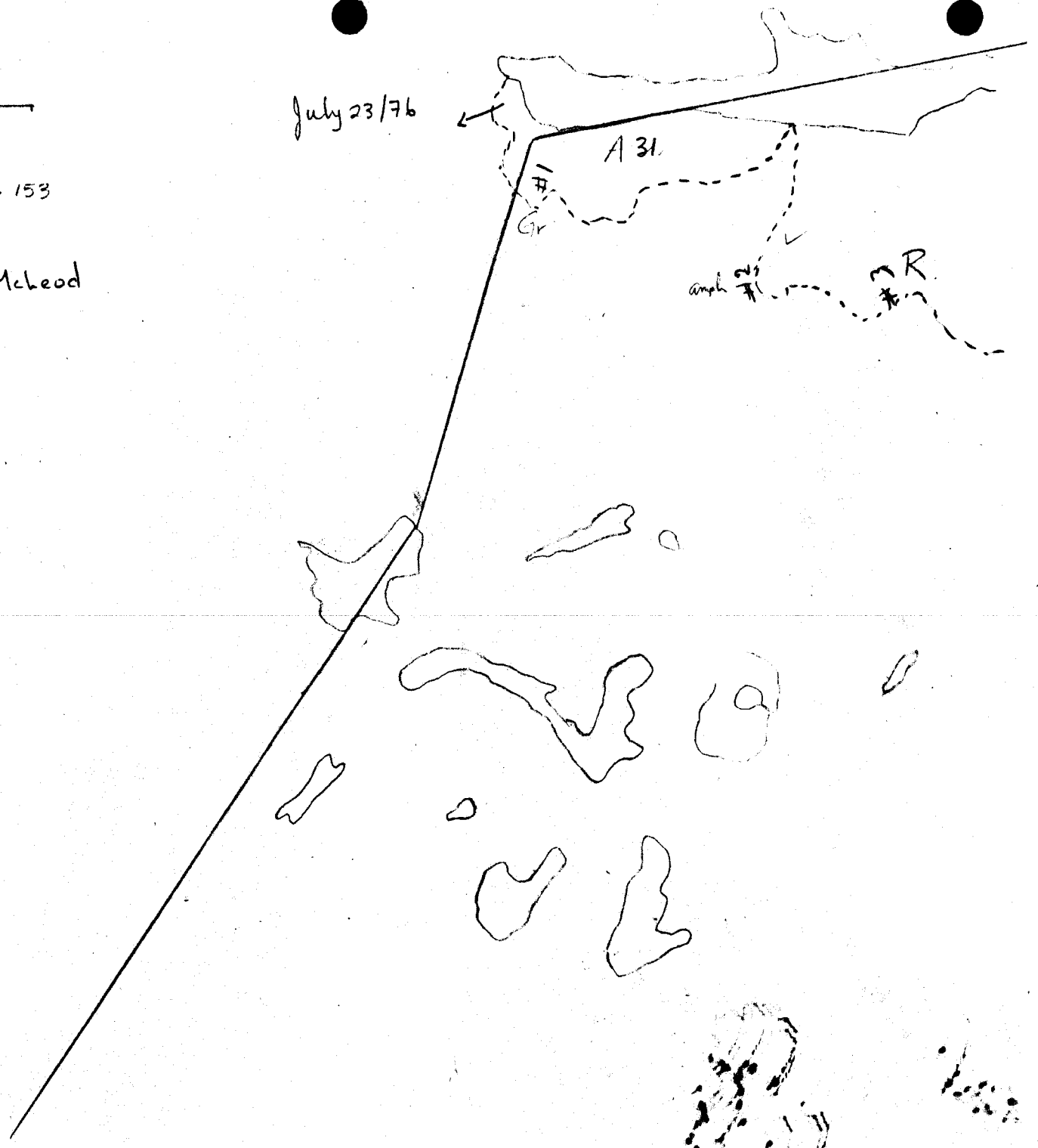
Done by:

John & Oliver
McLeod

1 Mile

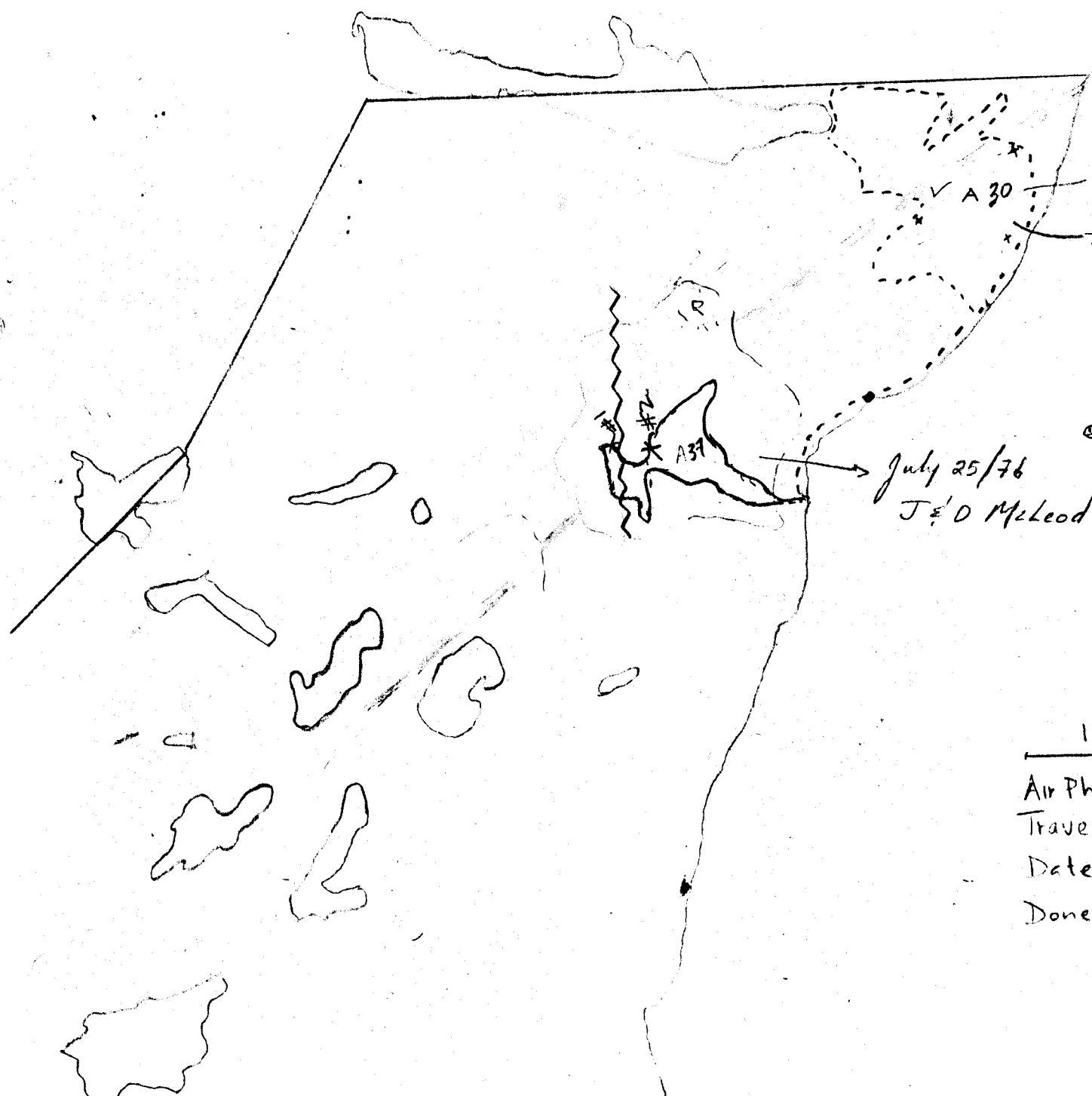
Traverse A 31
Air Photo A 20699-153
Date July 23/76
Done by J & O McLeod

July 23/76



19770005

197-10055



amph

July 23/76
N & I Charles

AN

July 25/76
J & D McLeod

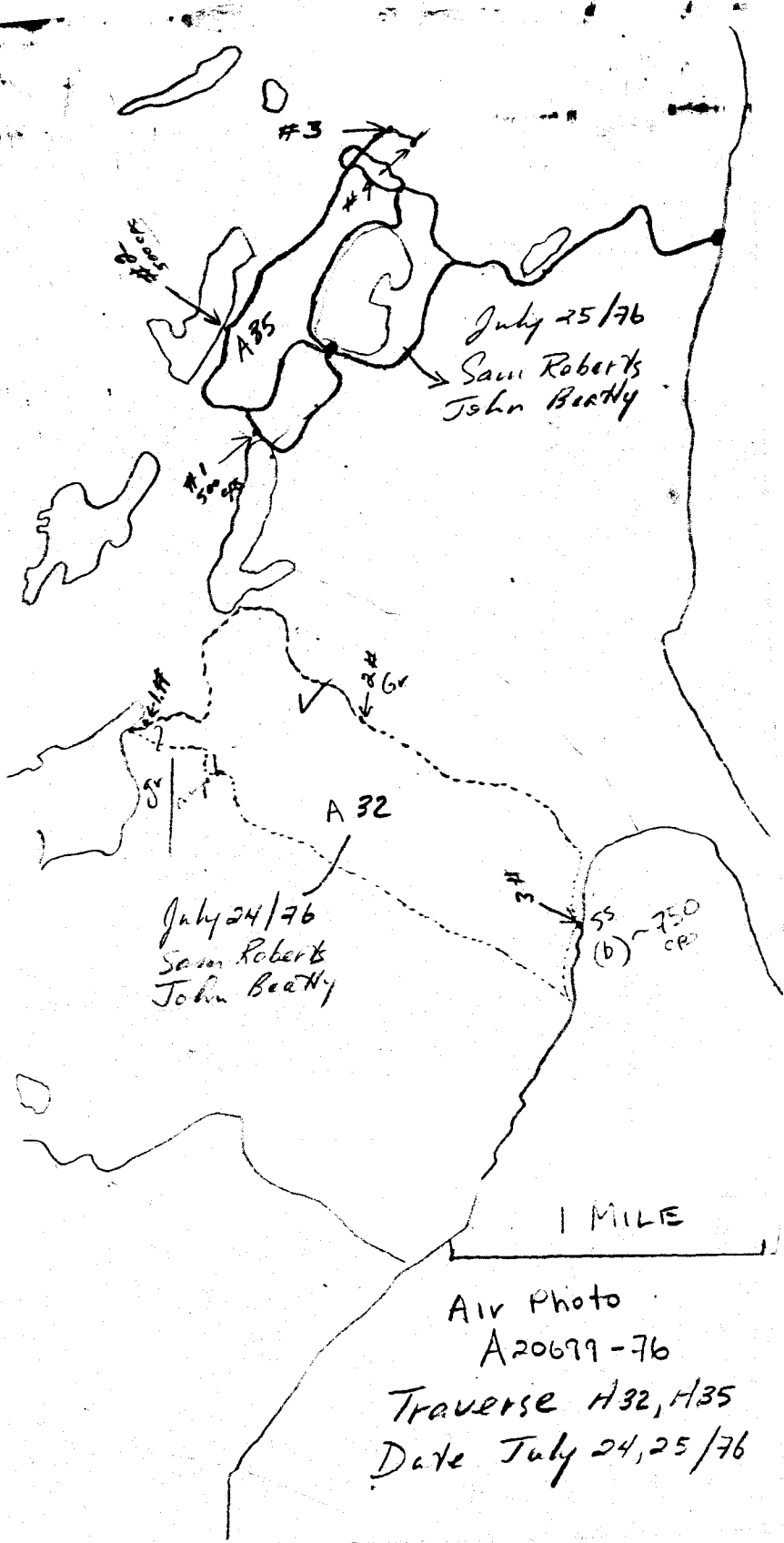
1 Mile

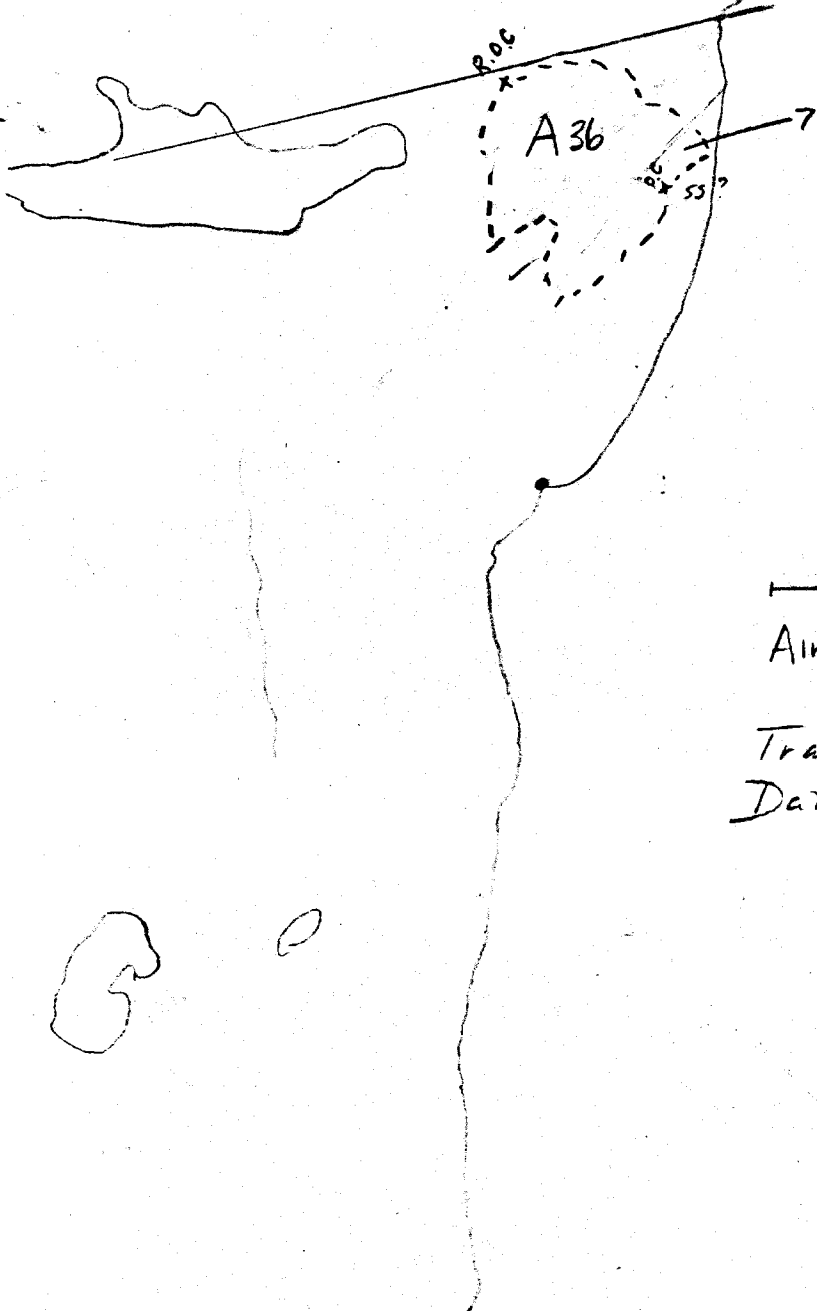
Air Photo A 20677-154

Traverse 1/30, A37.

Date July 23, 25/76

Done by



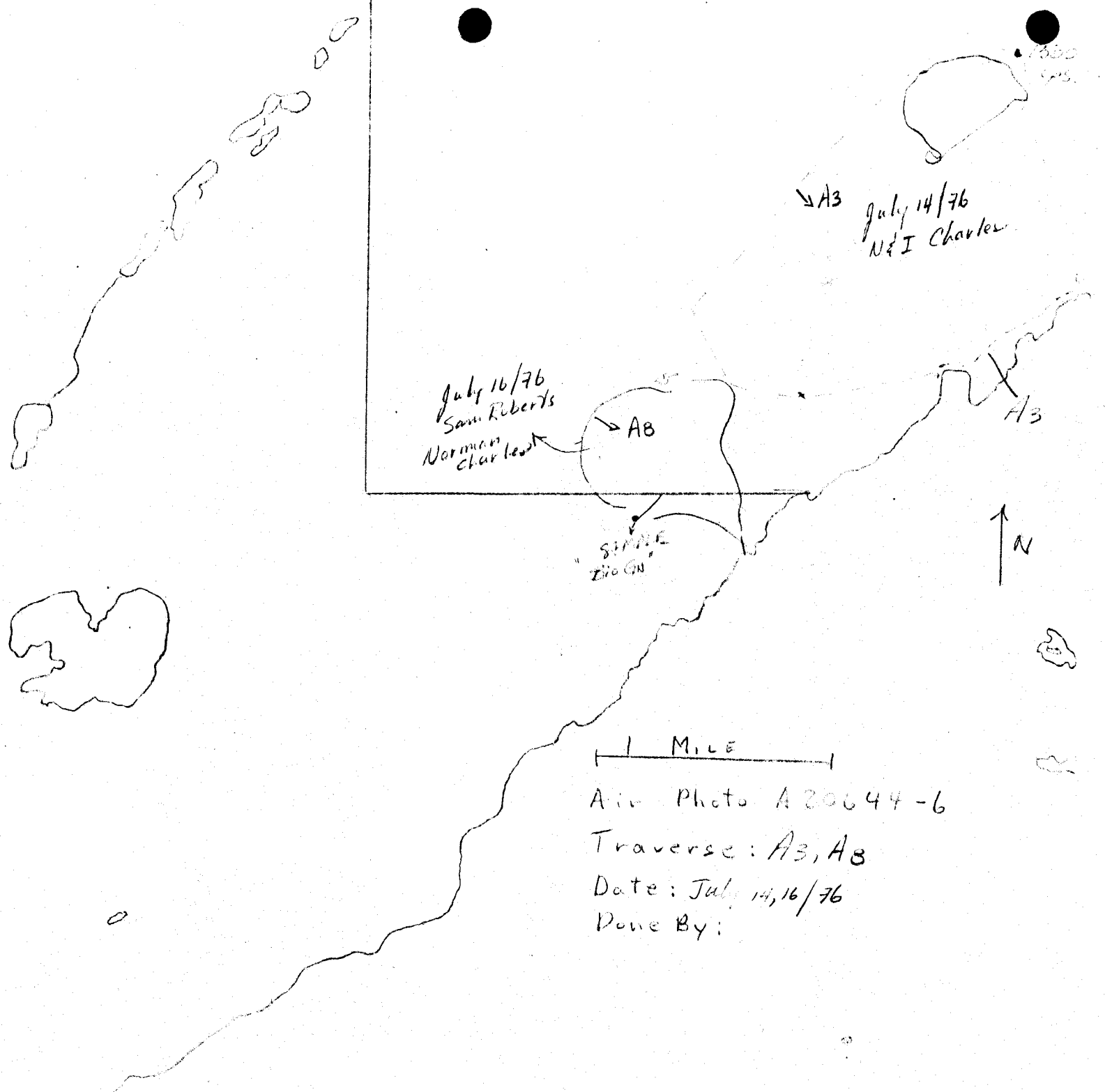


July 25/76
N&I Chartered

1 MILE

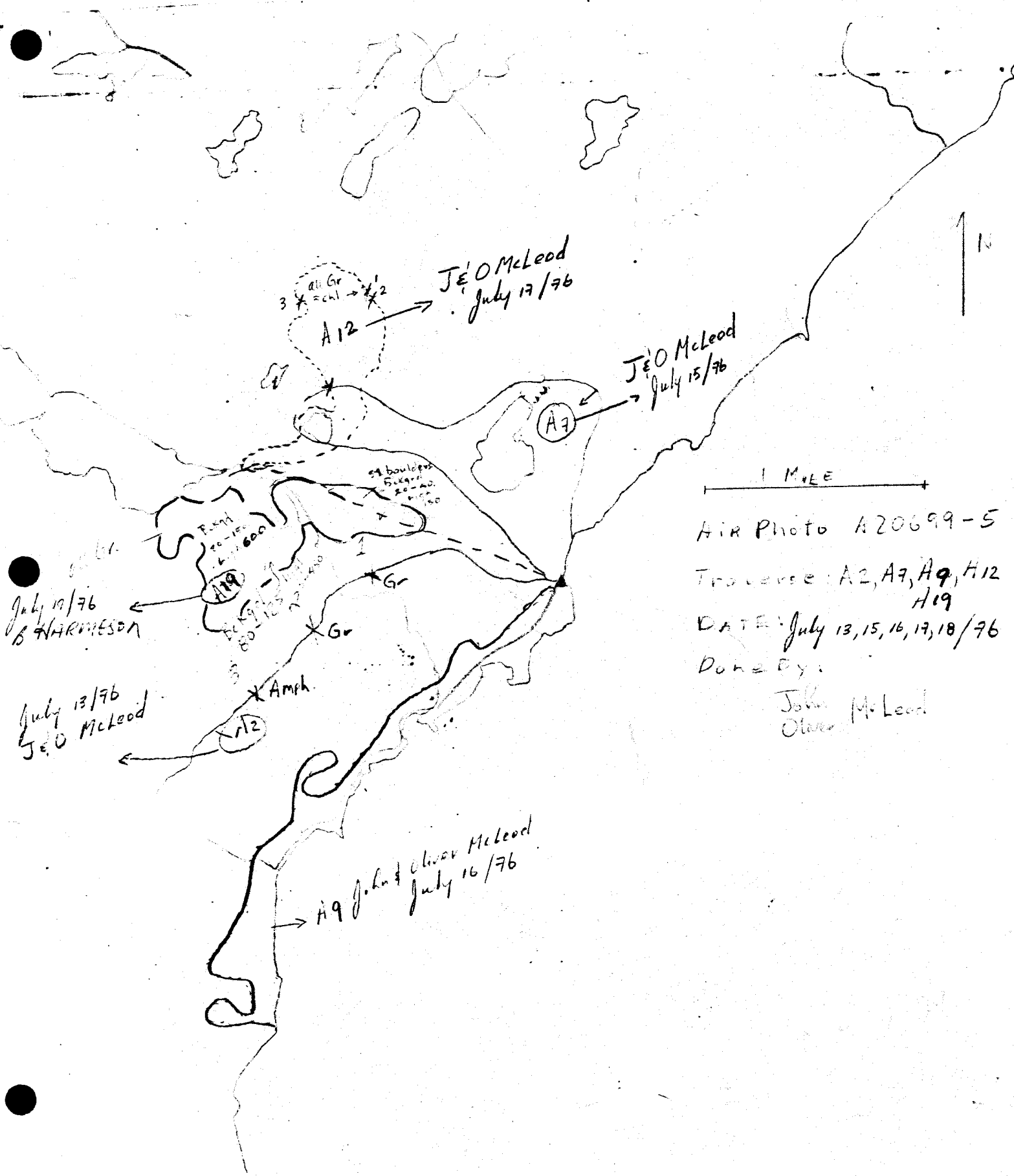
Air Photo
A 20699-49

Traverse A 36
Date July 25/76



Air Photo A 20044-6
Traverse: A3, A8
Date: July 14, 16/76
Done By:

1977005



July 19/76
B. WARMESON

July 13/76
J.E.O. McLeod

all Gr
3 * = cul → * 2
A12 → J.E.O. McLeod
July 17/76

J.E.O. McLeod
July 15/76

Gr boulders
Boulders
20-40
2-100

Point
20-15
4-1000
A19

Gr

Amph.

A12

A9 J. L. & Oliver McLeod
July 16/76

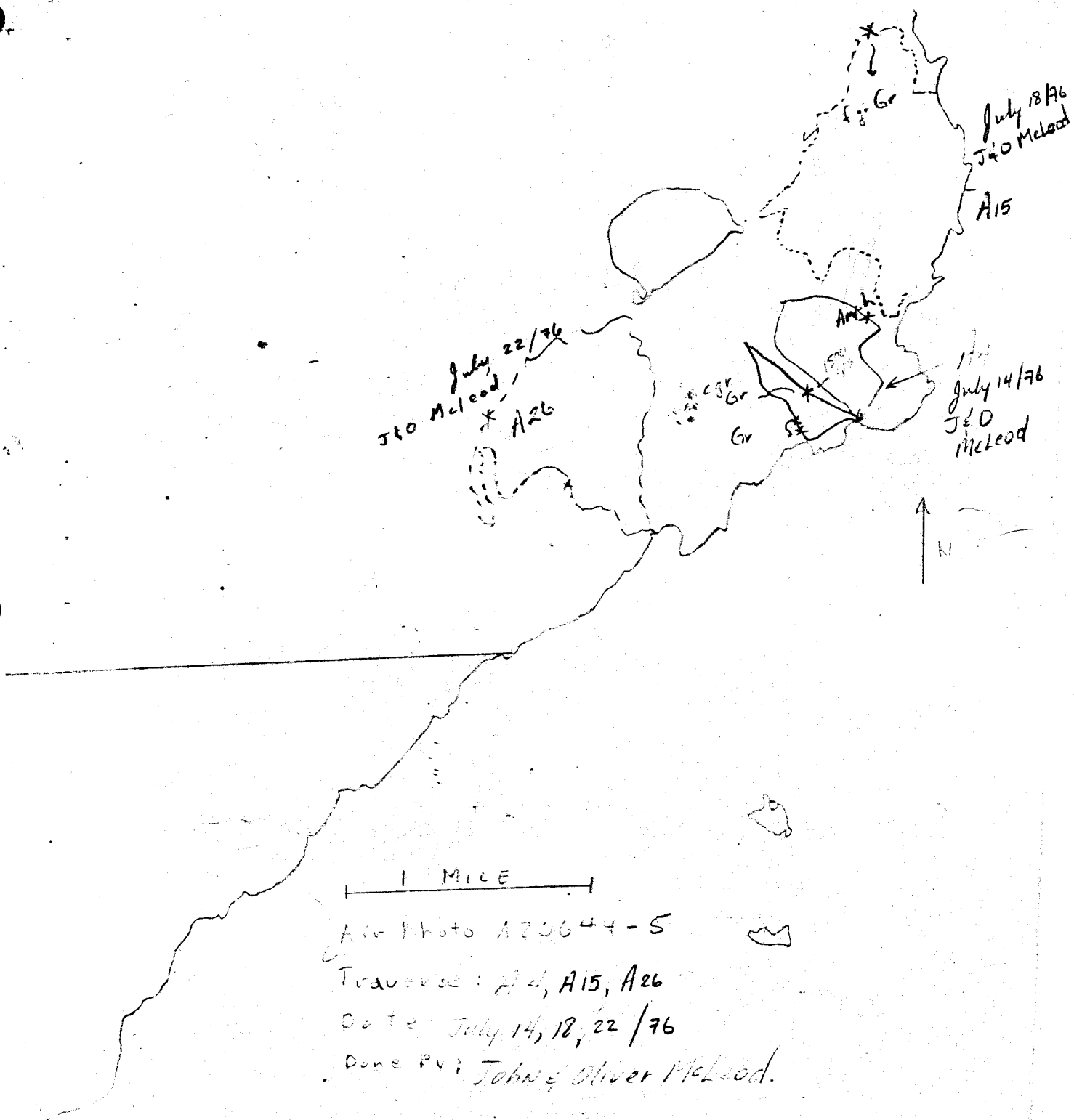
1 MILE

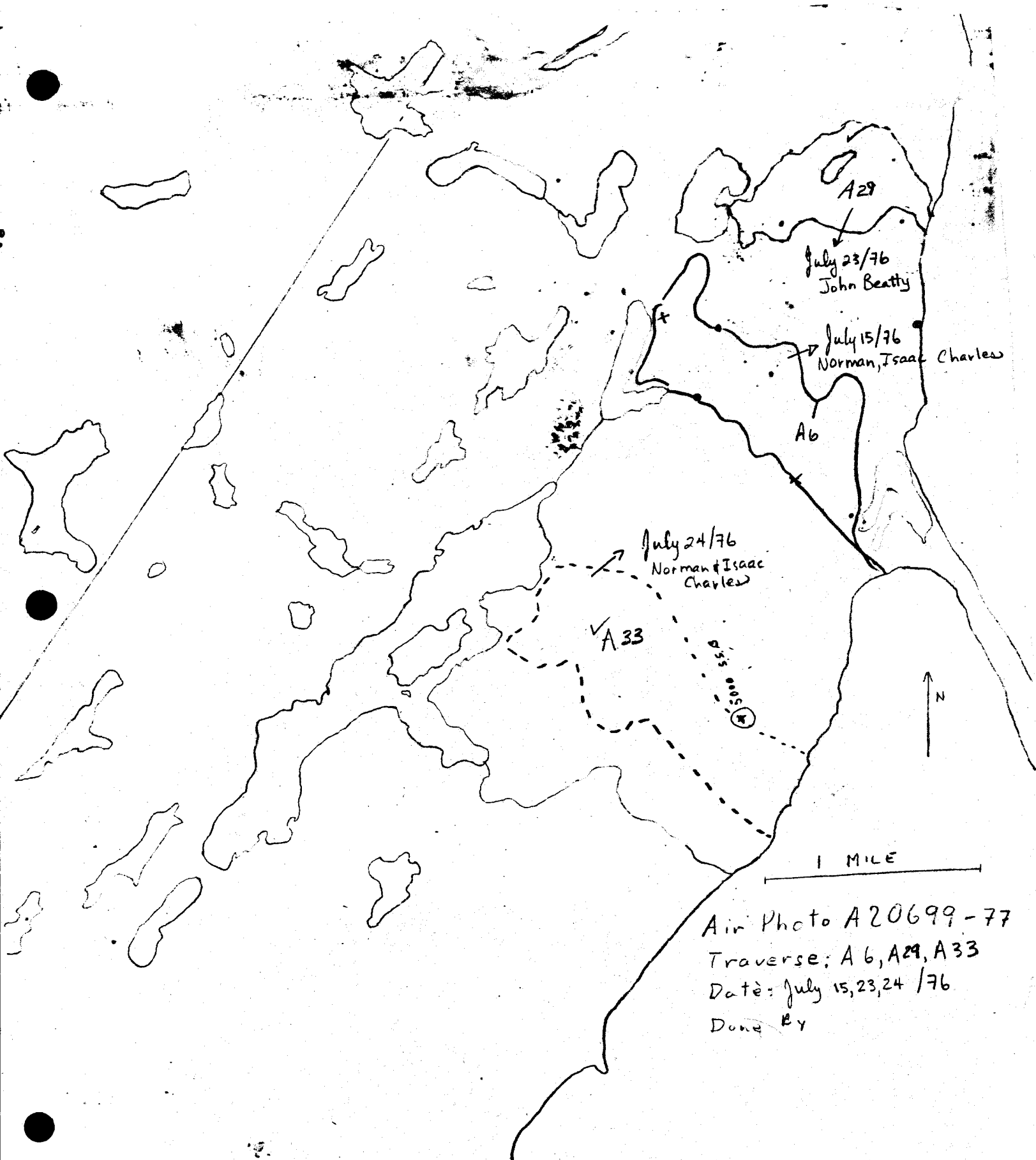
Air Photo A20699-5

Traverse: A2, A7, A9, H12
H19

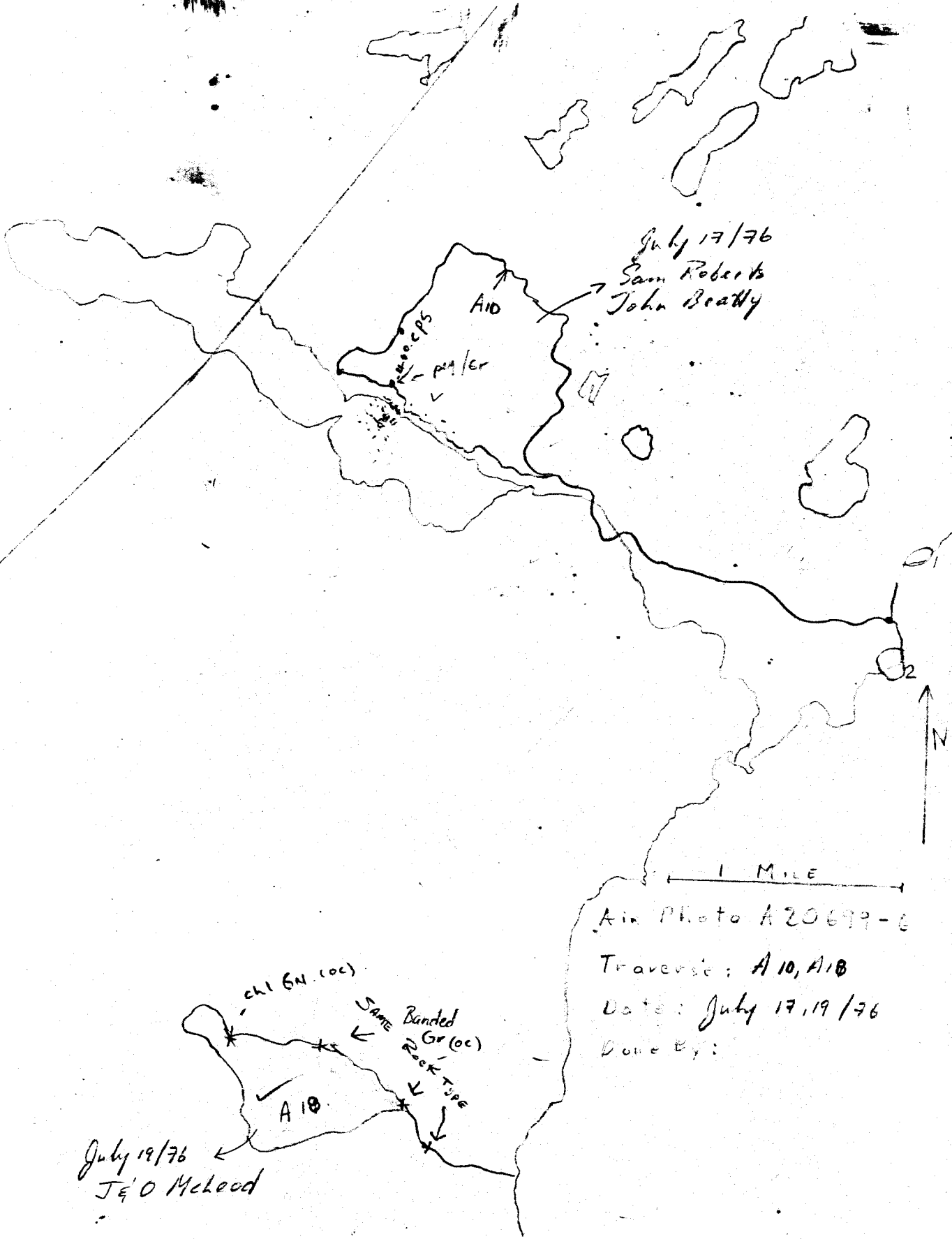
DATE: July 13, 15, 16, 17, 18/76

Done by:
John McLeod
Oliver McLeod





Air Photo A20699-77
Traverse: A6, A29, A33
Date: July 15, 23, 24 /76
Done By



July 17/76
 Sam Roberts
 John Beatty

A10

ch1 6N (oc)

pa/er

1 MILE

Air Photo A20699-6

Traverse: A10, A18

Date: July 17, 19/76

Done By:

ch1 6N (oc)

SAME Banded Gr (oc)

Rock type

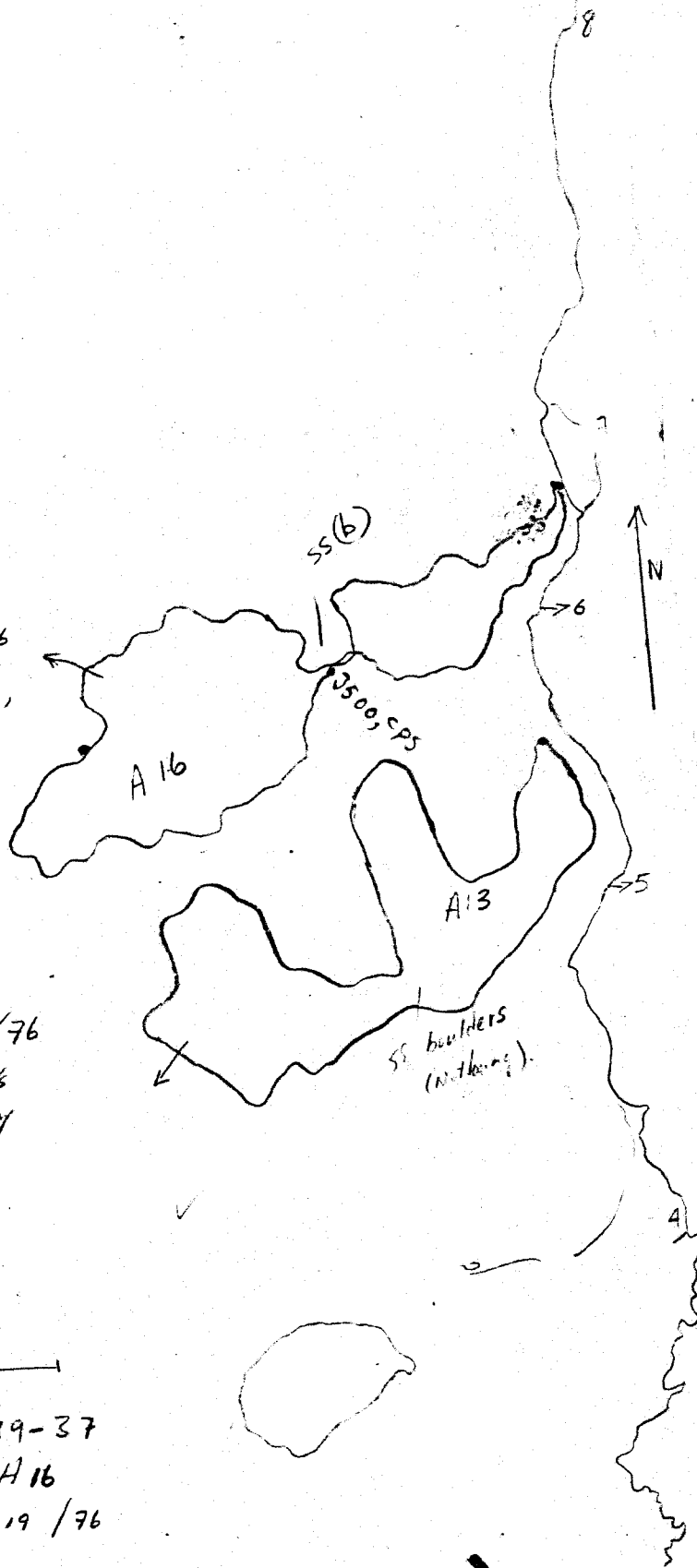
A18

July 19/76
 J & O McLeod

July 19/76
Sam Roberts,
John Beatty

July 18/76
Sam Roberts
John Beatty

1 MILE
Air Photo A20699-37
Traverse: A13, A16
Date: July 18, 19/76
Done By:



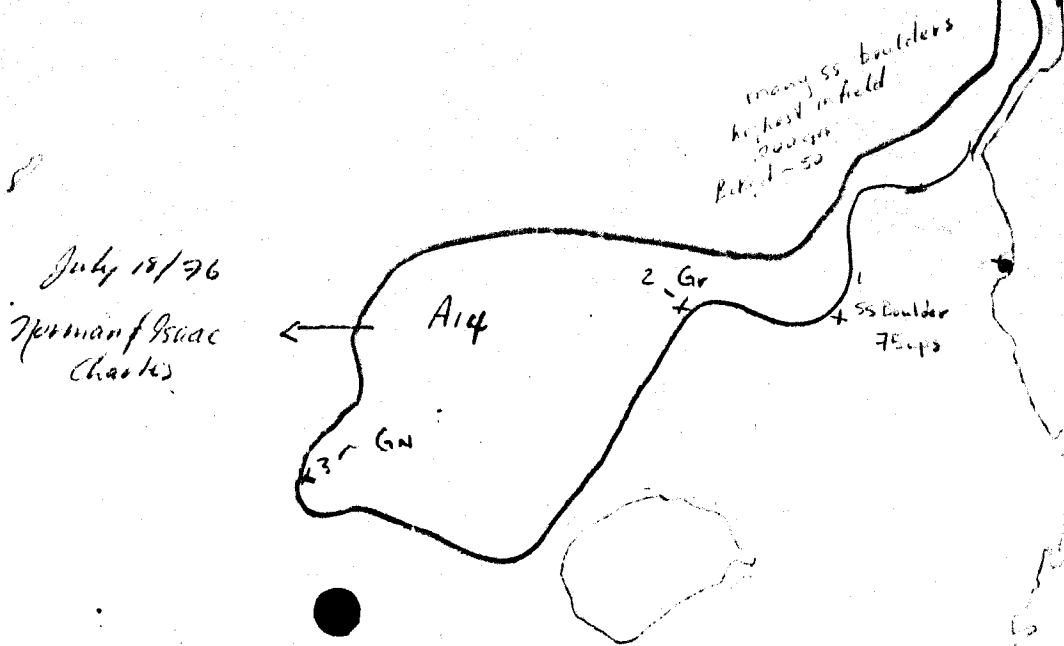
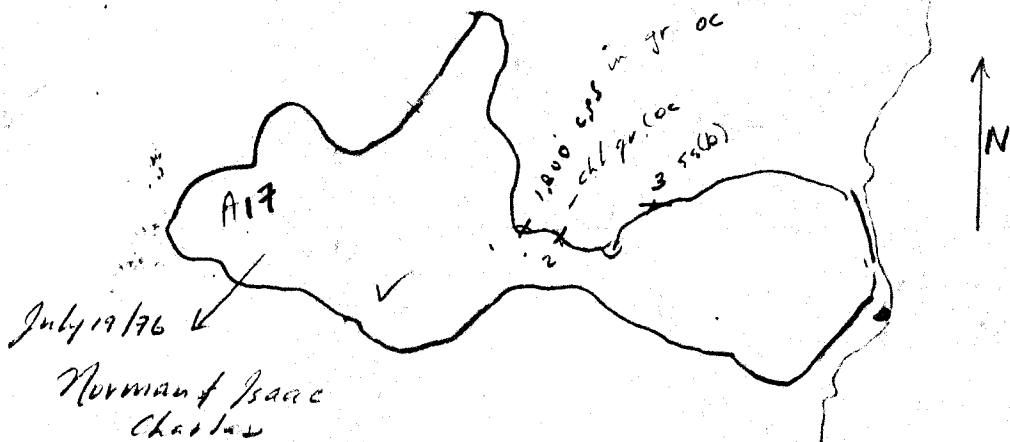
W. I. M. A 20097-76

Tract use: A14, A17

Date: July 18, 19/76

Done By:

19770005



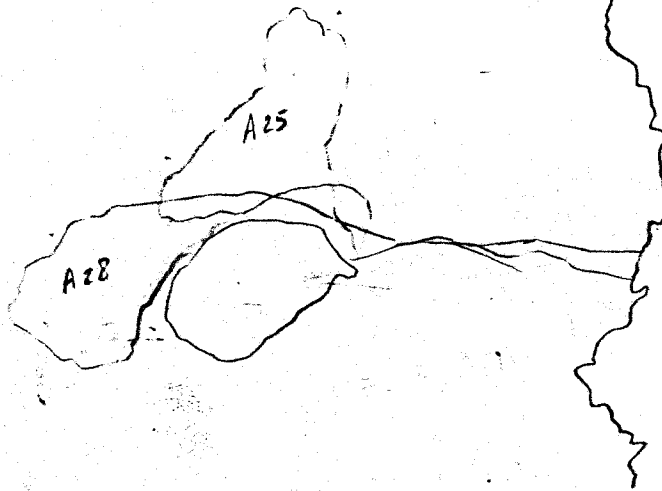
1 mile

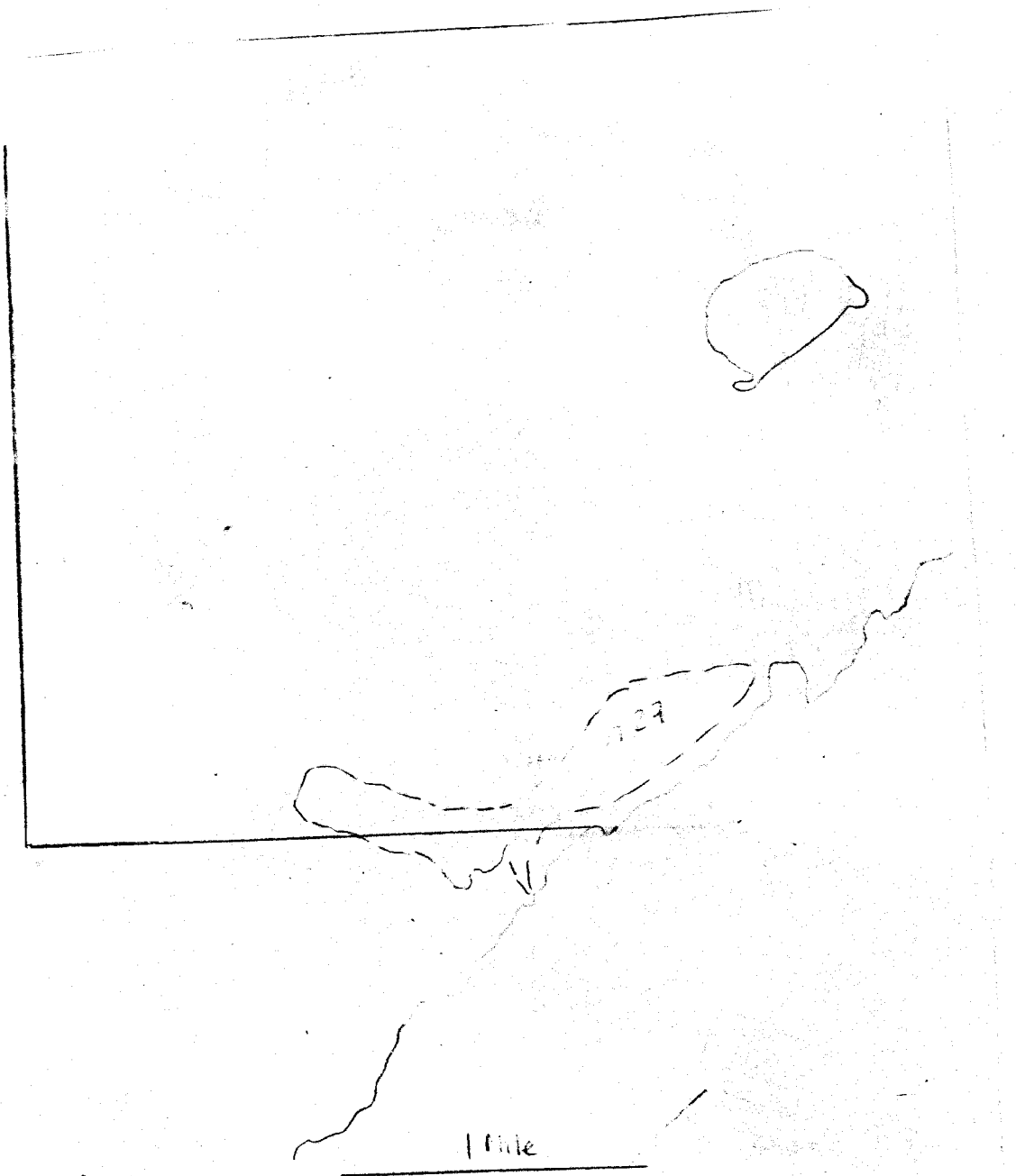
Air photo A 20699-37

Traverse A 25, 28

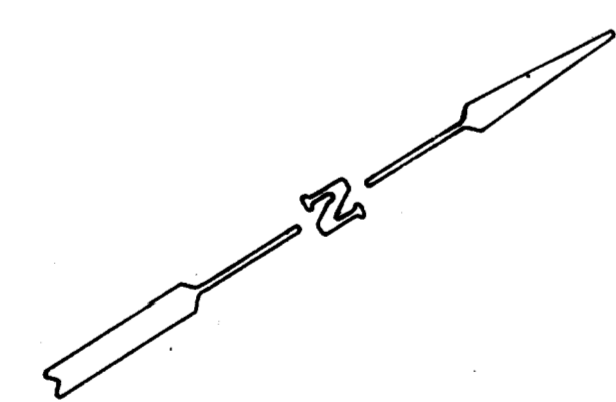
Date July 21, 22 / 76

Done by Sam Roberts
John Beatty



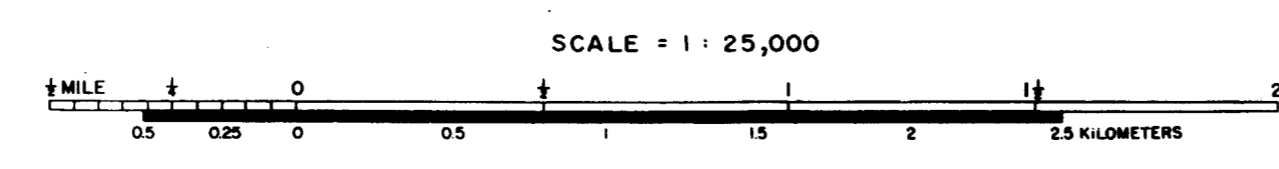


Air Photo A 20644-6
Traverse A 27
Date July 22/76
Done by N&I Charles.



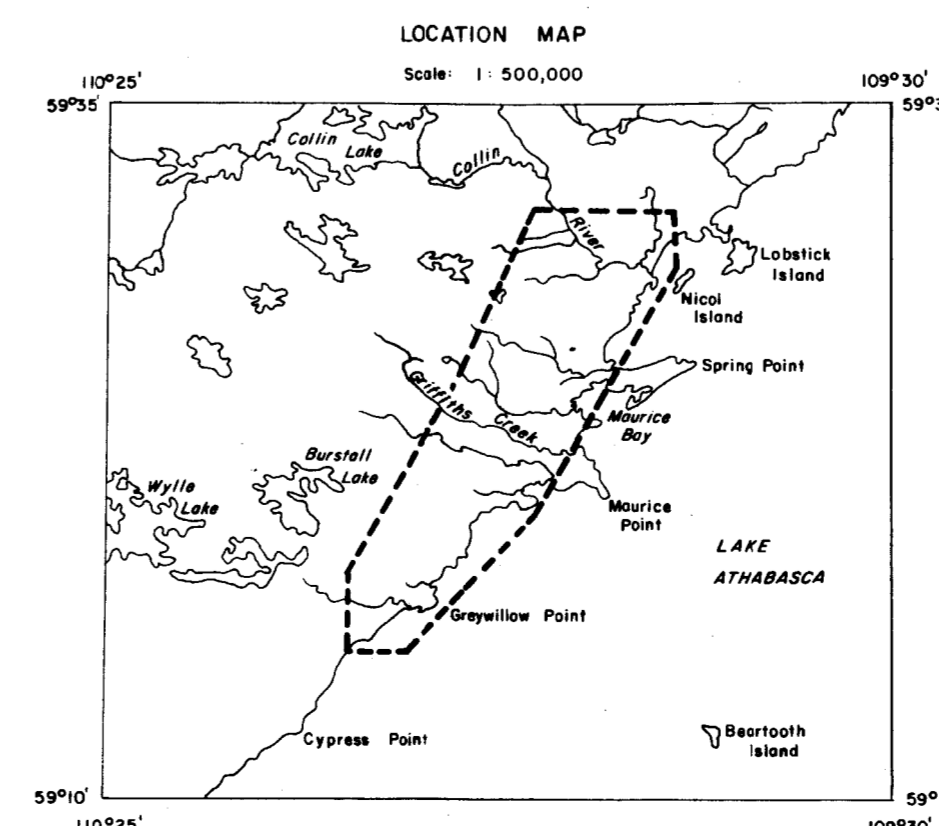
EM LEGEND AEM - 30

| | | | | |
|-------------------|-----------------------------------|-------|--------------------------------------|-------|
| 1-A GRADE ANOMALY | >200 PARTS PER 10 ⁵ | ————— | PEAK POSITION | |
| 1-B GRADE ANOMALY | 200-500 PARTS PER 10 ⁵ | ————— | LOW FREQUENCY RATIO 1P/0P | |
| 2-A GRADE ANOMALY | 50-200 PARTS PER 10 ⁵ | ————— | ALTITUDE (FEET) | |
| 2-B GRADE ANOMALY | 40-100 PARTS PER 10 ⁵ | ————— | ANOMALY NAME | |
| 3-A GRADE ANOMALY | <40 PARTS PER 10 ⁵ | ————— | CTP (MHOS) LOW FREQUENCY | |
| 3-B GRADE ANOMALY | <400 PARTS PER 10 ⁵ | ————— | COINCIDENT MAGNETIC ANOMALY (GAMMAS) | |
| "X" TYPE ANOMALY | QUESTIONABLE | ————— | OFFSET MAGNETIC ANOMALY | |



INTERPRETATION LEGEND

| | |
|---|-------|
| CONDUCTOR OUTLINE AND IDENTIFICATION NUMBER | |
| SELECTED CONDUCTOR | |



SHEET INDEX

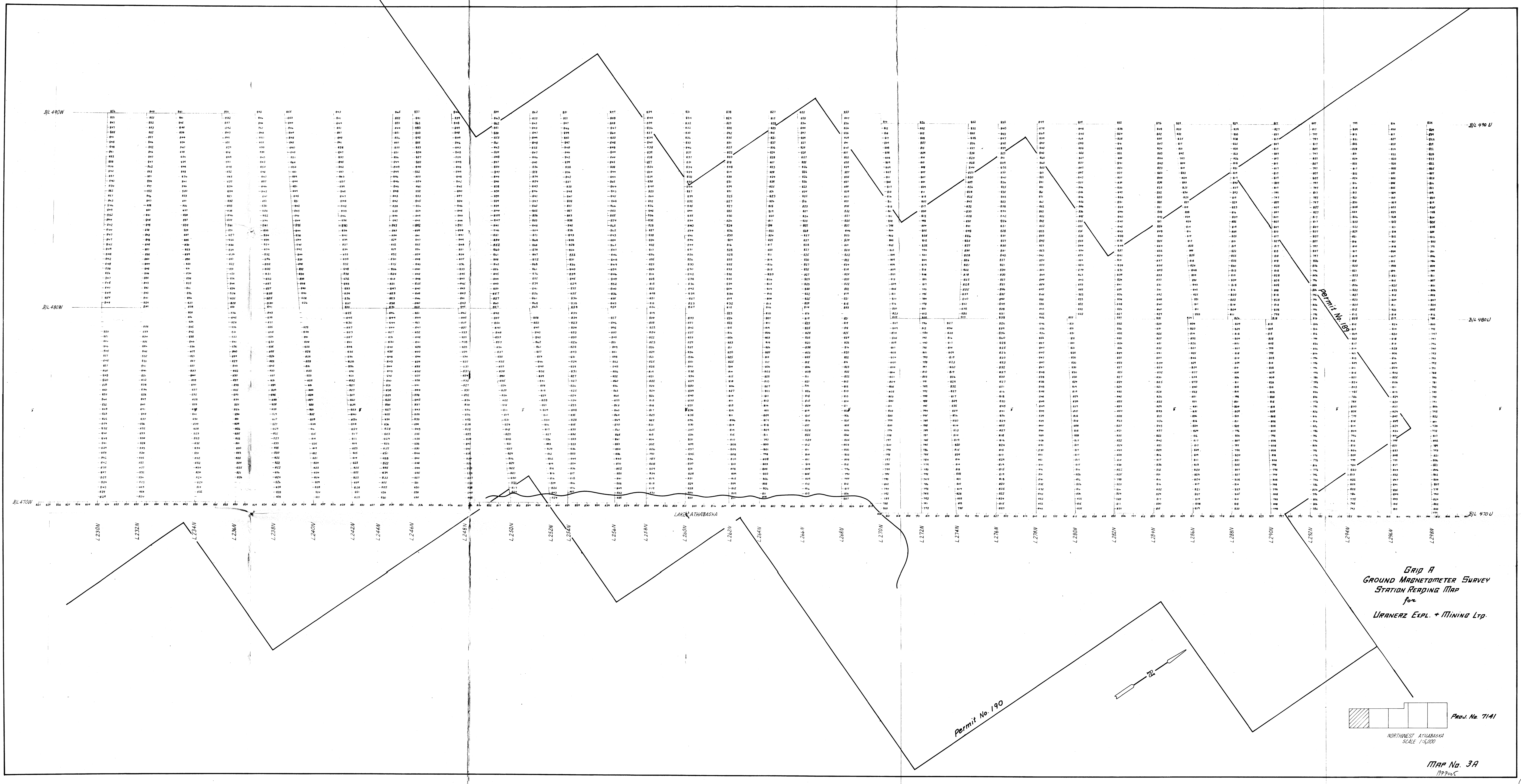
| | |
|---|---|
| 1 | 2 |
|---|---|

19770005

NOTE: FOR LOCATION OF THIS AREA SEE MAP: LRGN-0876-01

| | | |
|--|---|---|
| | SURVEYED & COMPILED BY geoterrex | FOR URANERZ EXPLORATION AND MINING LIMITED |
| | COMBINED AIRBORNE EM AND MAGNETOMETER SURVEY HUDSON BAY EM - 30 ELECTROMAGNETIC SYSTEM | |
| LAKE ATHABASCA AREA ALBERTA & SASKATCHEWAN | | EM 30 PLAN MAP |
| SHEET 1 OF 2 SCALE 1:25,000 | HORIZONTAL CONTROL BASED ON PHOTOGRAMS | CONTOUR INTERVAL FLIGHT ALTITUDE 200' M.T.C. FLOWN IN SEPT, OCT, 1976 GEOTERREX PROJECT NO. 84 147 |

Map #2 - #1A **CONFIDENTIAL**



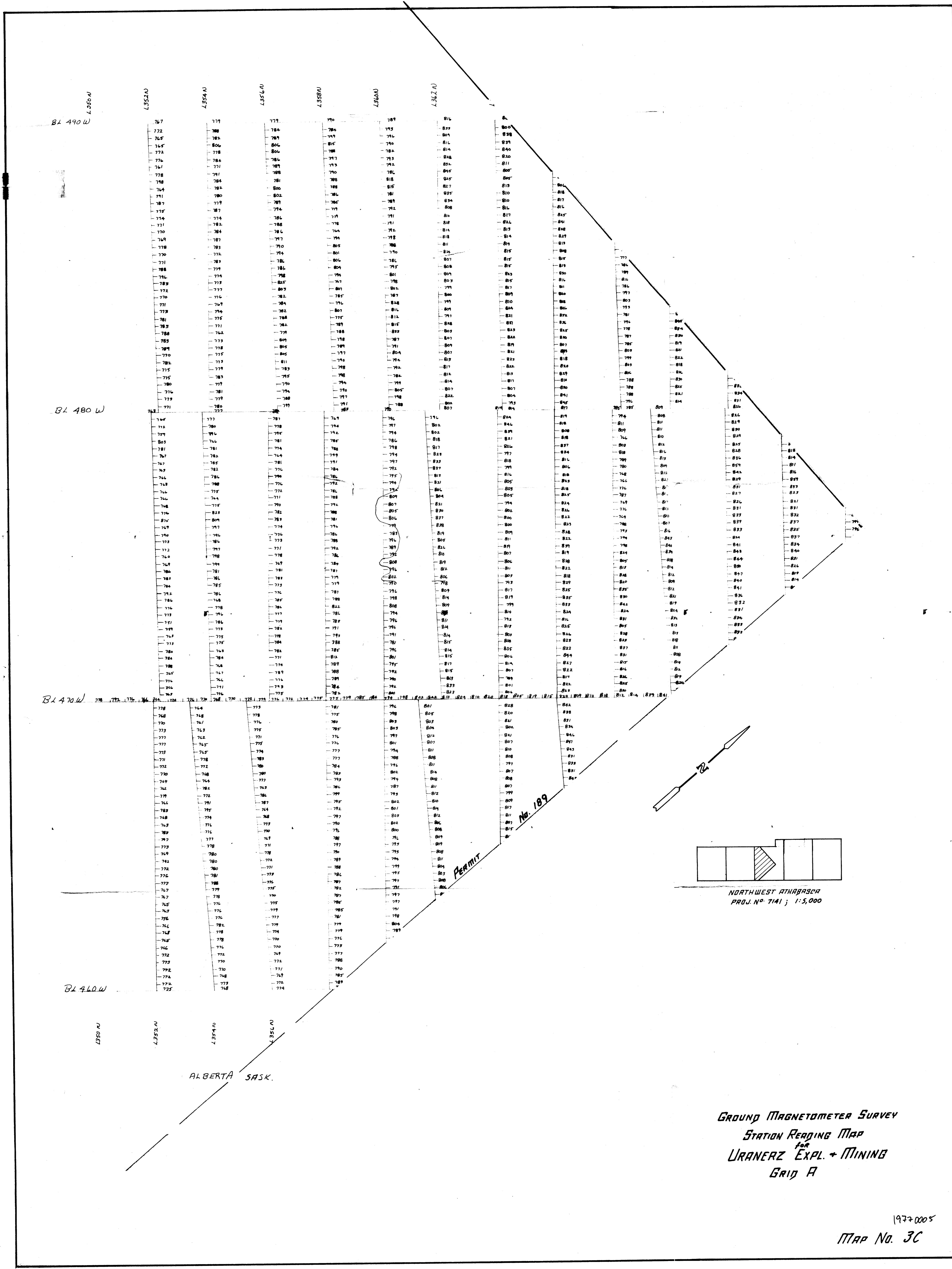
GRID A
GROUND MAGNETOMETER SURVEY
STATION READING MAP
 for
URRNERZ EXPL. + MINING LTD.

Prod. No. 7141
 NORTHWEST ATHABASKA
 SCALE 1:5,000

MAP No. 3A
 1977-65

Permit No. 190

| | | |
|----------|----------|----------|
| B/L 490W | B/L 480W | B/L 470W |
| N 237 | N 247 | N 257 |
| N 267 | N 277 | |



0° 25' E
BL 490 W

BL 480 W

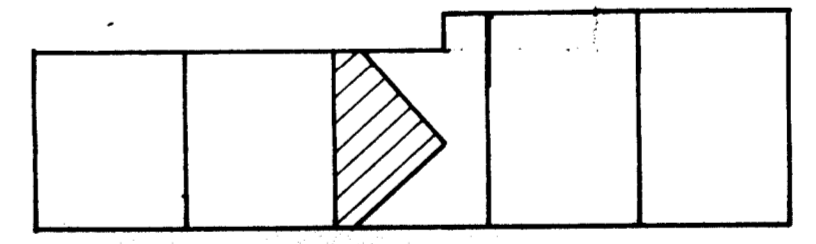
BL 470 W

BL 460 W

0° 30' E
0° 35' E
0° 40' E
0° 45' E
0° 50' E
0° 55' E

ALBERTA SASK.

PERMIT
No. 189



NORTHWEST ATHABASCA
PROJ. No. 7141; 1:5,000

GROUND MAGNETOMETER SURVEY
Station Reading Map
for
URANERZ EXPL. + MINING
GRID A

1977 0005
MAP No. 3C



Permit No. 189

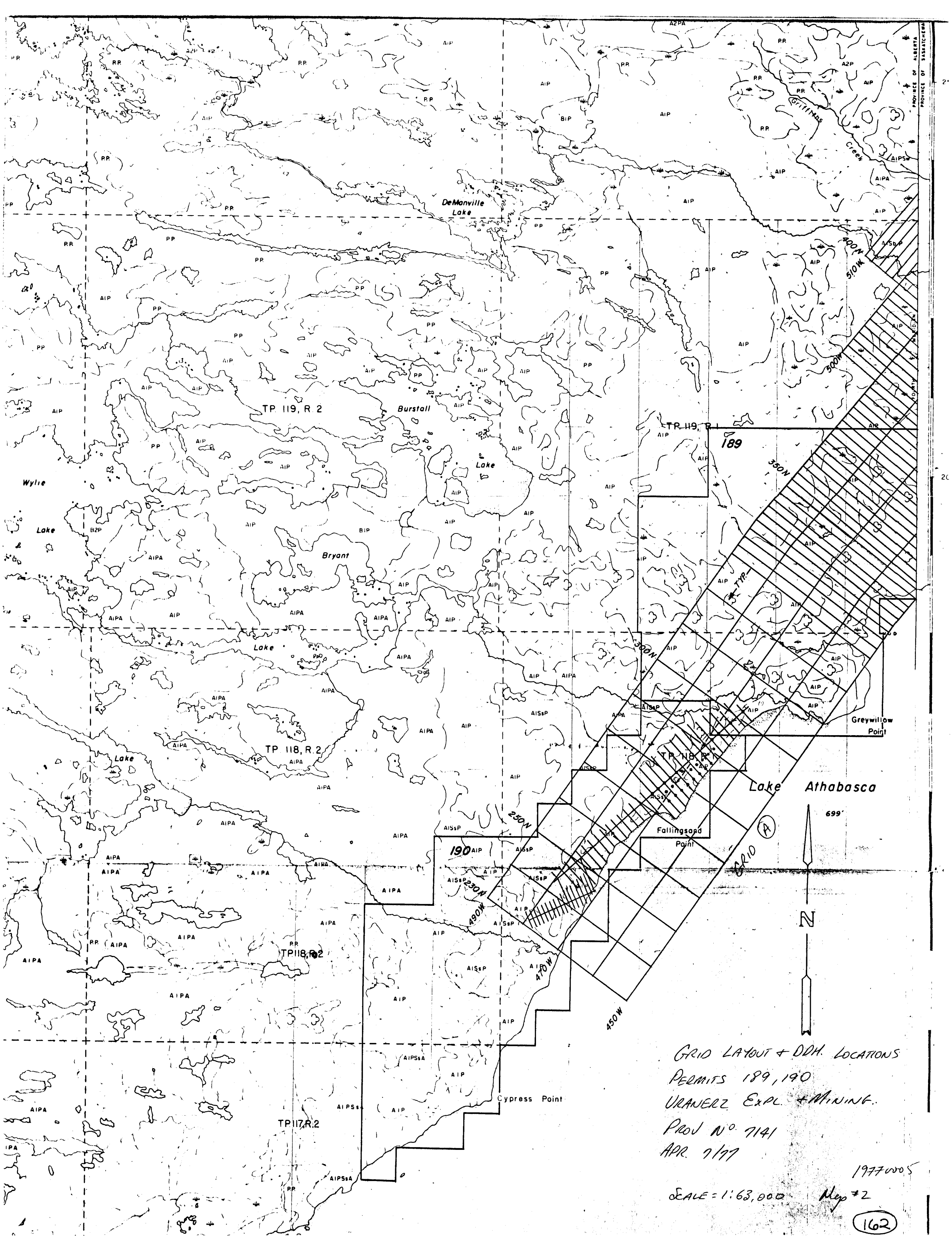
NORTHWEST ATHABASKA
 SCALE 1:5000
 GRID - R
 GROUND MAGNETOMETER SURVEY
 STATION READING MAP
 for
 URRNERZ EXPL. + MINING LTD.

ALBERTA
SURVEY

PROJ. No. 7141

1977-0005

MAP No. 3B



GRID LAYOUT + DDH. LOCATIONS
PERMITS 189, 190
URANERZ EXPL. + MINING.
PROD N° 7141
APR. 7/77

19770005
SCALE = 1:63,000 Map #2

B/L 500W

B/L 500W

B/L 490W

B/L 490W

B/L 480W

B/L 480W

B/L 470W

B/L 470W

B/L 460W

B/L 460W

B/L 450W

B/L 450W



LEGEND:

- CONTOUR LINE (0-8,000 gammas)
- MAG. LOP.

NOTE: FOR LOCATION OF THIS AREA SEE MAP: LR41-0377-02.



| | |
|-------------------------------------|-------------------|
| URANERZ EXPLORATION AND MINING LTD. | |
| NORTHWEST ATHABASCA | |
| GROUND MAGNETOMETER SURVEY | |
| PROJECT 71-41 | |
| SCALE: 1:8000 | DATE: 1976 & 1977 |
| C.I.: 10 gammas | SHEET NO.: 1 of 7 |

Map No.: LR41-0377-01A

19770005

Map # 4A

B/L 500 W

B/L 500 W

B/L 490 W

B/L 490 W

B/L 480 W

B/L 480 W

B/L 470 W

B/L 470 W

B/L 460 W

B/L 460 W

B/L 450 W

B/L 450 W

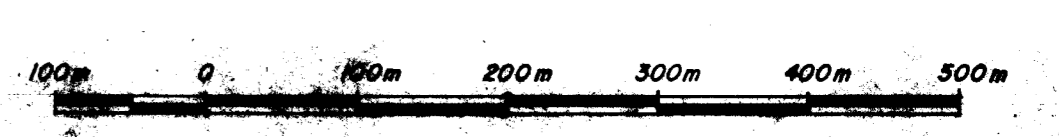


LAKE ATHABASKA

Permit 190

LEGEND:
 ○ CONTOUR LINE (0-61,000 gammas)
 ○ MAG. LOW

NOTE: FOR LOCATION OF THIS AREA SEE MAP: LR41-0377-02



URANERZ EXPLORATION AND MINING LTD.
 NORTHWEST ATHABASKA
 GROUND MAGNETOMETER SURVEY
 PROJECT 71-41
 SCALE: 1:5000 DATE: 1976 & 1977
 C.I.: 10 gammas SHEET NO.: 2 of 7

Map No. LR41-0377-01B

19770005
Map # 98

40

BL 500W

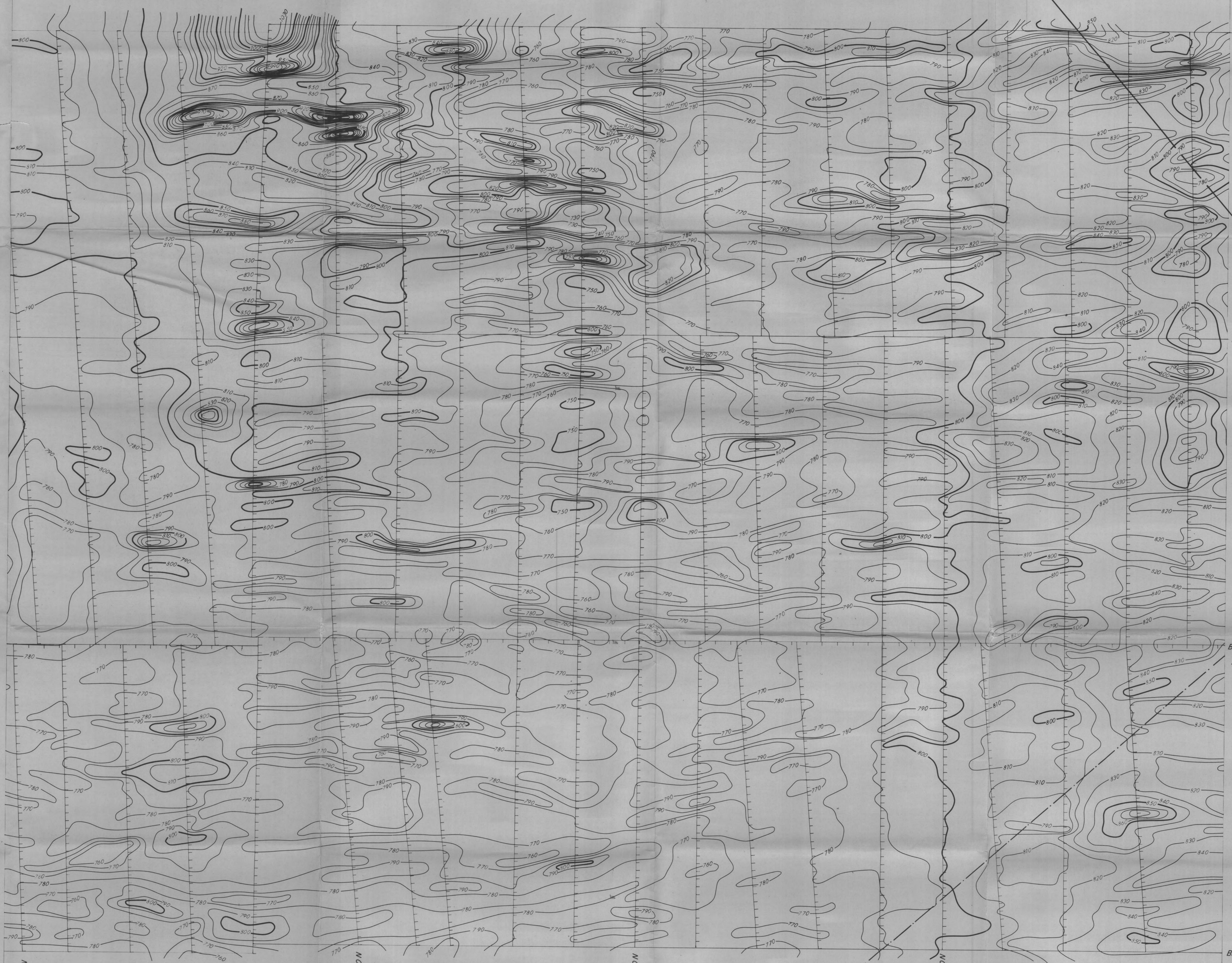
BL 490W

BL 480W

BL 470W

BL 460W

BL 450W



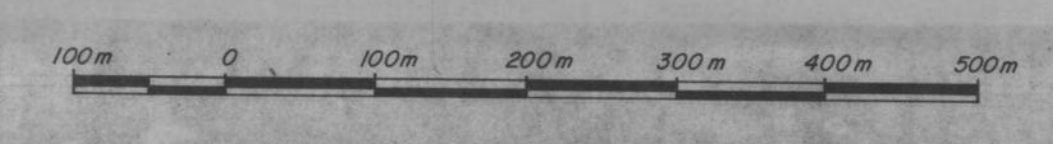
Permit 189

ALBERTA
SASKATCHEWAN

LAKE
ATHABASKA

NOTE: FOR LOCATION OF THIS AREA SEE MAP: LR41-0377-02

LEGEND:
 ○ - CONTOUR LINE (0-10,000 gamma)



URANERZ EXPLORATION AND MINING LTD.
 NORTHWEST ATHABASKA
 GROUND MAGNETOMETER SURVEY
 PROJECT 71-41

SCALE: 1:5000 DATE: 1976 & 1977
 C.I.: 10 gamma SHEET NO.: 4 of 7

Map No. LR41-0377-01D

19770005
Map # 4D

43

B/L 500W

B/L 500W

B/L 490W

B/L 490W

B/L 480W

B/L 480W

B/L 470W

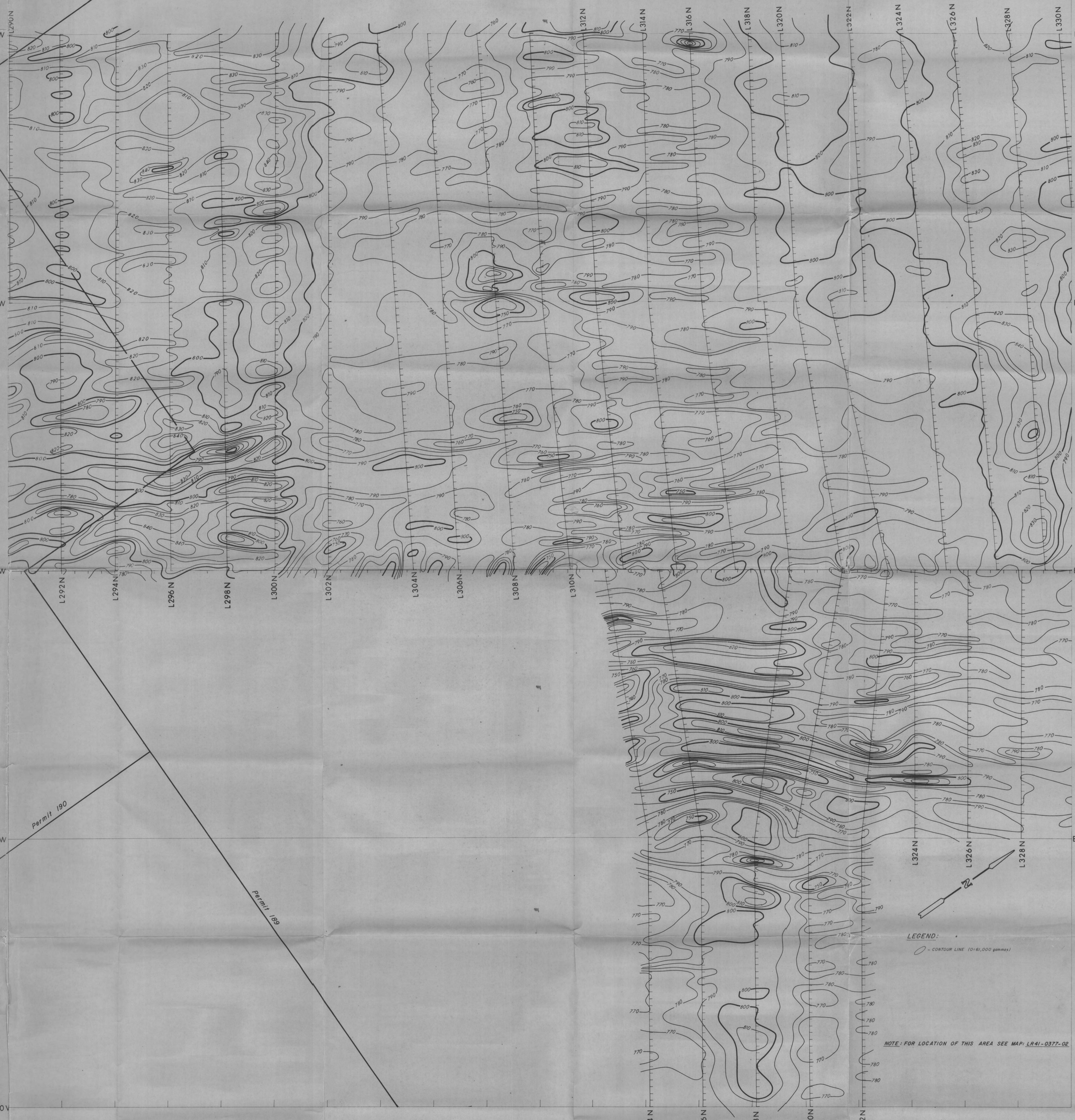
B/L 470W

B/L 460W

B/L 460W

B/L 450W

B/L 450W

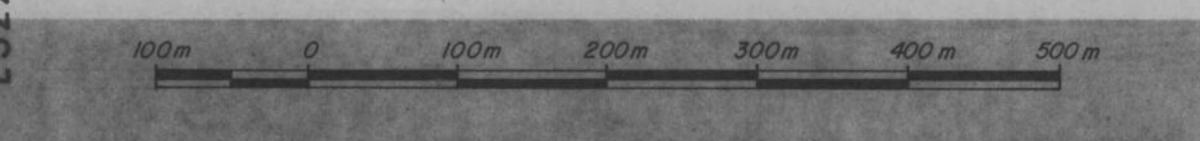


Permit 190

Permit 189

LEGEND:
 ○ - CONTOUR LINE (10,000 gammas)

NOTE: FOR LOCATION OF THIS AREA SEE MAP: LR41-0377-02



URANERZ EXPLORATION AND MINING LTD.
 NORTHWEST ATHABASKA
 GROUND MAGNETOMETER SURVEY
 PROJECT 71-41

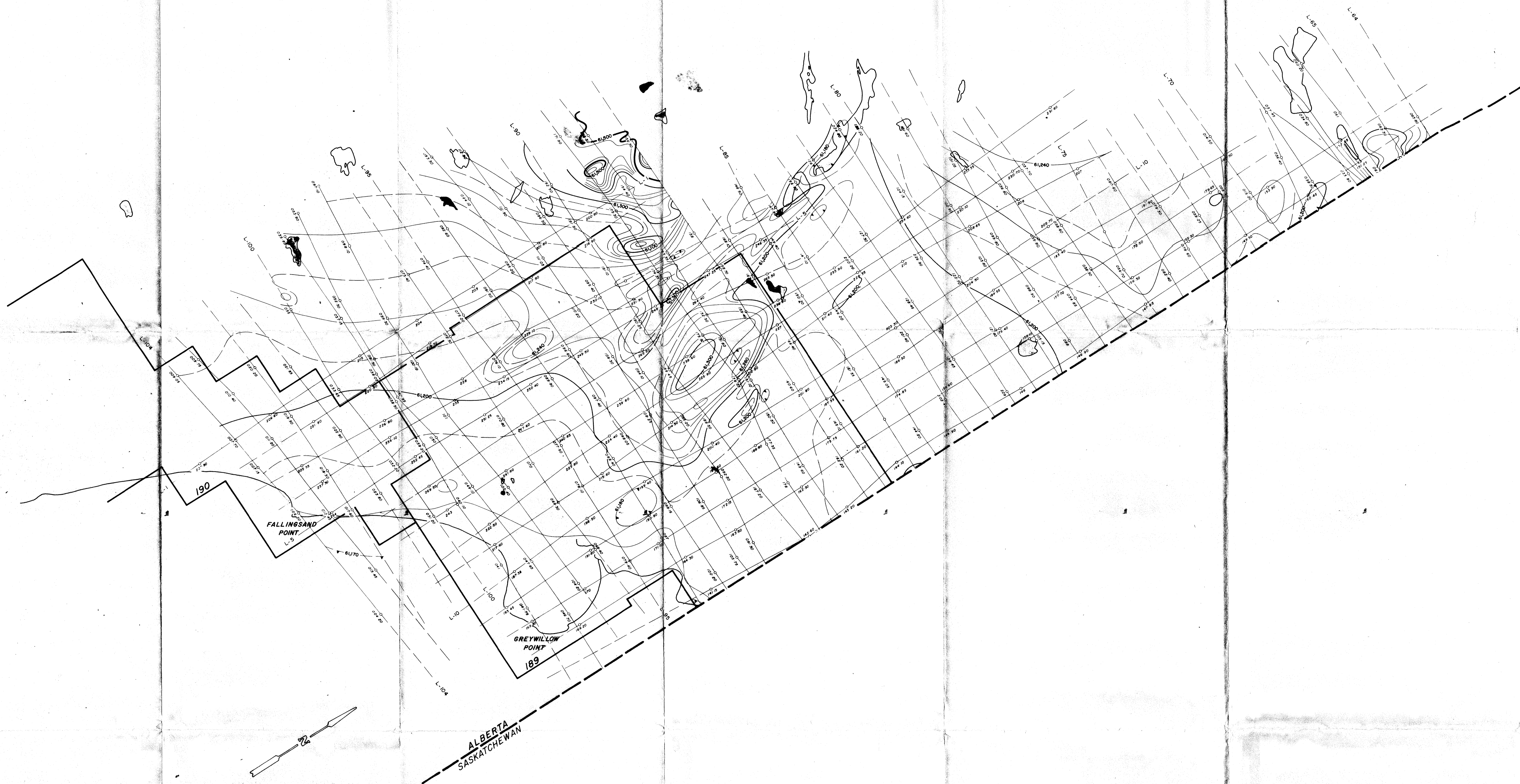
SCALE: 1:5000 DATE: 1976 & 1977
 C.I.: 10 gammas SHEET NO.: 3 of 7

Map No.: LR41-0377-01C

19770005

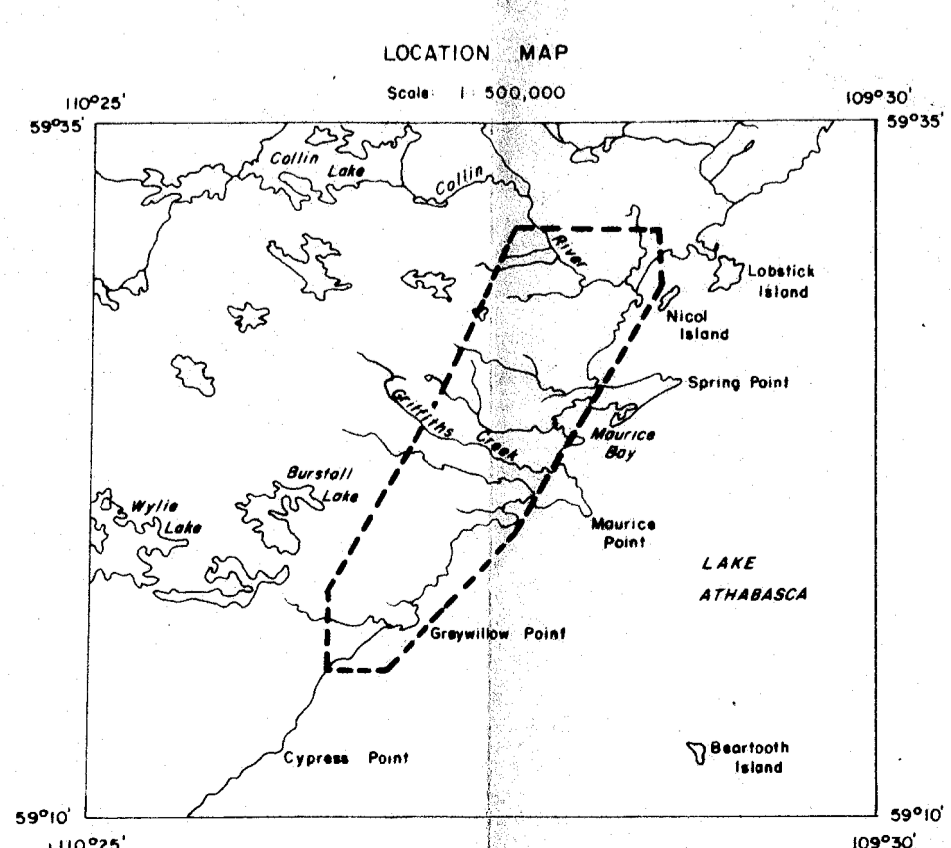
Map #4C

(A)



MAGNETIC LEGEND
 500 GAMMAS
 100 GAMMAS
 20 GAMMAS
 10 GAMMAS
 MAGNETIC LOW
 CONTOUR INTERVAL
 10 GAMMAS

SCALE 1:25,000
 MILE 0 0.5 1 1.5 2 2.5
 KILOMETERS 0 0.5 1 1.5 2 2.5



SHEET INDEX
 2

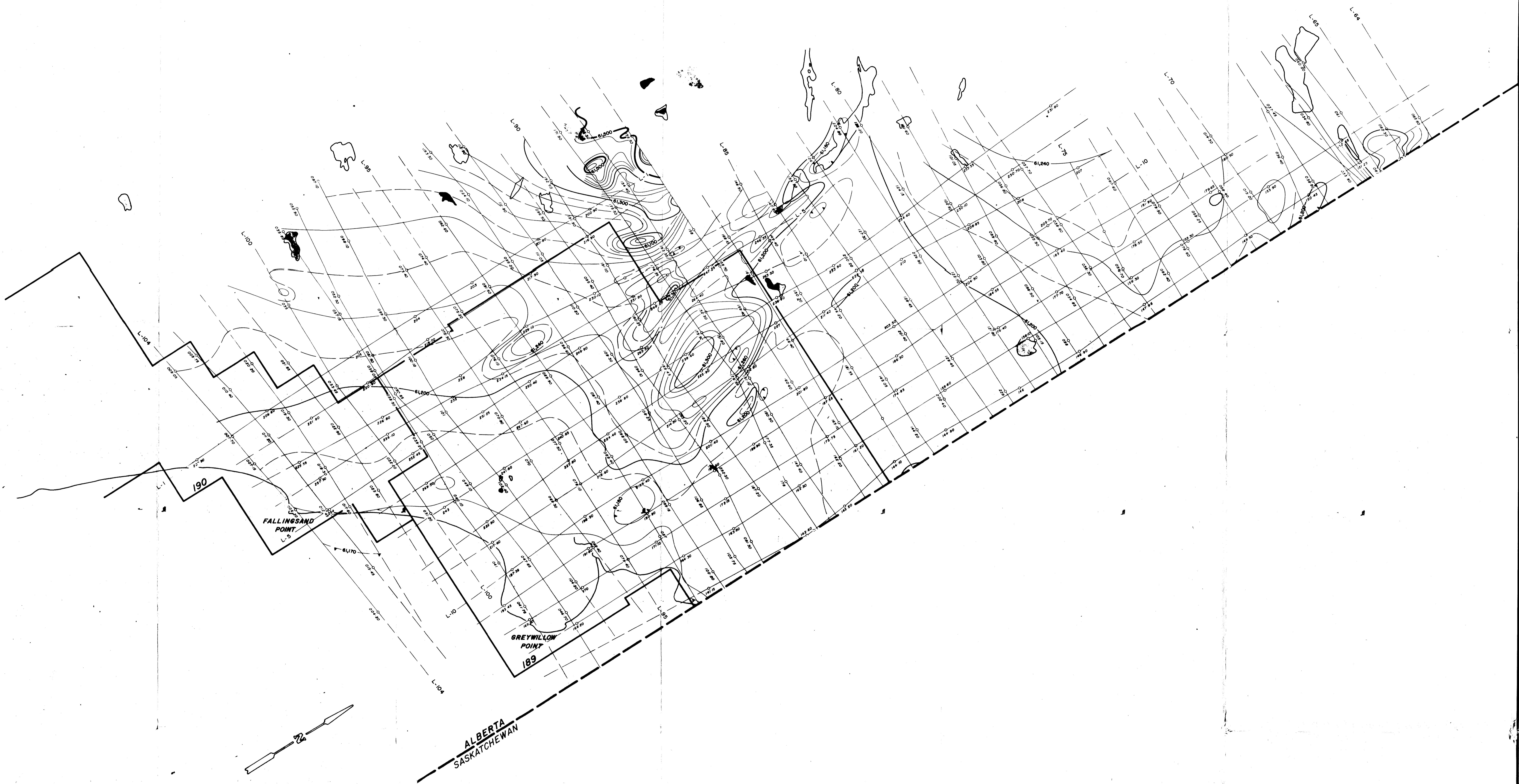
NOTE: FOR LOCATION OF THIS AREA SEE MAP: LBBN-0576-01

1977/05

| | | |
|--|---|---|
| | SURVEYED & COMPILED BY geotrex <small>INC.</small> | FOR URANERZ EXPLORATION AND MINING LIMITED |
| | COMBINED AIRBORNE EM AND MAGNETOMETER SURVEY HUDSON BAY EM - 30 ELECTROMAGNETIC SYSTEM | |
| LAKE ATHABASCA AREA ALBERTA & SASKATCHEWAN | | ISOMAGNETIC CONTOUR MAP |
| SHEET 1 OF 2 SCALE 1:25,000 | HORIZONTAL CONTROL PHOTOGRAMMETRY | CONTOUR INTERVAL BASED ON FLIGHT ALTITUDE 2000 MTC FLOWN IN SEPT/OCT 1976 GEOTREX PROJECT NO. 84147 |

Map #2 - #18

CONFIDENTIAL



MAGNETIC LEGEND

500 GAMMAS

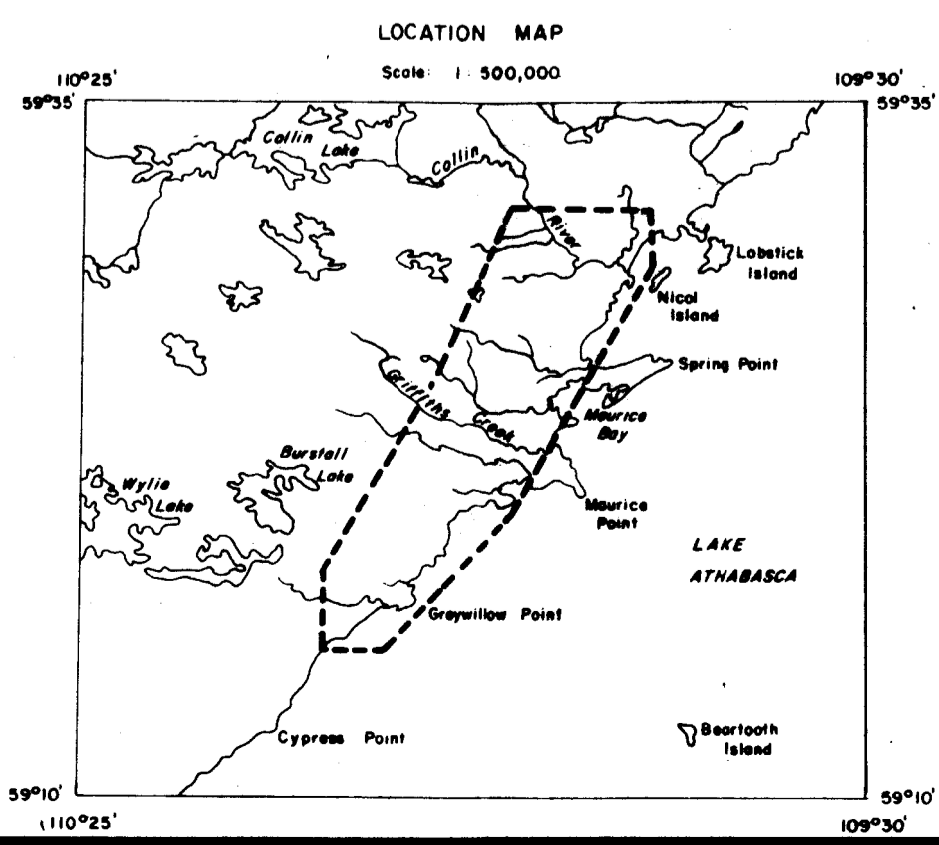
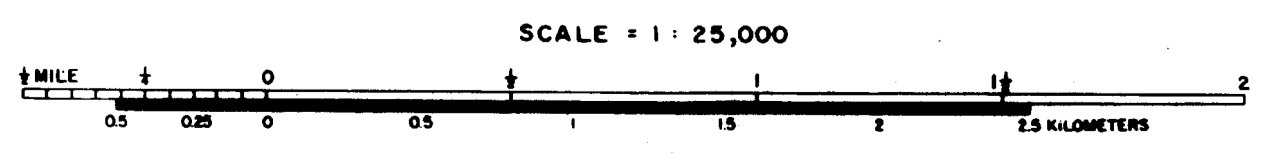
100 GAMMAS

20 GAMMAS

10 GAMMAS

MAGNETIC LOW

CONTOUR INTERVAL 10 GAMMAS



SHEET INDEX
2

19770005

NOTE: FOR LOCATION OF THIS AREA SEE MAP: LRM-0676-01

| | | |
|--|---|--|
| | SURVEYED & COMPILED BY geotrex | FOR URANERZ EXPLORATION AND MINING LIMITED |
| | COMBINED AIRBORNE EM AND MAGNETOMETER SURVEY HUDSON BAY EM - 30 ELECTROMAGNETIC SYSTEM | |
| LAKE ATHABASCA AREA ALBERTA & SASKATCHEWAN | | ISOMAGNETIC CONTOUR MAP |
| SHEET 1 OF 2 SCALE 1:25,000 PHOTOMOSAIC | BASED ON FLOWN IN SEPT, OCT, 1976 GEOTREX PROJECT NO. 84-147 | CONTOUR INTERVAL FLIGHT ALTITUDE 200' MTC |

16#2 - #18

CONFIDENTIAL (35)