

FARADAY URANIUM MINES LIMITED

EX. LIC. LO 13628

DIAMOND DRILL RECORD

MOOSONEE GYPSUM & EXPLORATION CO.
TESTS

83.1-20

SHEET No.

010

LAT. 13520
ORDINATES OF COLLAR DEP.

LOCATION OF COLLAR Located in Maher Twp.,

RING AT COLLAR 598 ft. south of the Cheepash River.

DIRECTION AT COLLAR Vertical

DRILLED BY A. Bullis DRILLED BY Moosonee G. & E. C.

PURPOSE OF HOLE

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

HOLE No. 1

STARTED

COMPLETED

HOR. COMP. VER. COMP.

DEPTH 88.5

HONEY PRINTING SERVICE TORONTO 6569



| Distance | | ROCK | DESCRIPTION |
|----------|------|---------------|---|
| From | To | | |
| | | Core Recovery | |
| | 38 | No Core | |
| | 38.0 | 2.0 | Gypsum white and massive, with 60% gray brecciated Limestone. |
| | 42.0 | 1.5 | Gypsum, gray due to selenite and 10% limestone. |
| | 46.0 | 3.0 | Gypsum, white and 25% gray limestone. 3" clay at 42.5 ft. |
| | 49.0 | 1.0 | Clay (Or mud) |
| | 50.0 | 0.5 | Gypsum, white to gray. |
| | 56.5 | 2.0 | Gypsum and 20% gray limestone. 2" muddy clay at 50.2 ft. |
| | 60.0 | 0.5 | Clay |
| | 67.0 | 4.0 | Gypsum, white, massive to sugary texture. Less than 1% impurity |
| | 68.3 | 1.3 | Gypsum and selenite, dark gray. |
| | 85.0 | 14.0 | Gypsum, white with brown mottling due to limestone impurity, 4 to 6%. |
| | 87.0 | 2.0 | Gray limestone and minor gypsum. |
| | 88.5 | 1.0 | Gypsum, as from 68.3 to 85.0. |

1732.5 ft d/d
for \$ 16750.59

END OF HOLE 88.5 ft.



TESTS

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

LAT.
CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR Located in Maher Twp.,
BEARING AT COLLAR 294 ft. South of Cheepash River.
DIP AT COLLAR Vertical

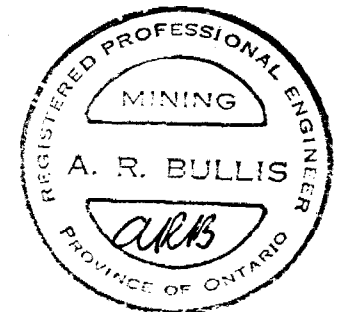
LOGGED BY A. Bullis DRILLED BY Moosonee G. & E. C. PURPOSE OF HOLE

HOLE No. 2
STARTED
COMPLETED
HOR. COMP. VER. COMP.
DEPTH 125 ft.

HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK | DESCRIPTION |
|----------|-------|------|---|
| From | To | | |
| | | | Ex. Lic. 10 13438 |
| 0 | 36.0 | | No core. |
| | 69.5 | 25.5 | Gypsum, white, massive to "sugary" texture up to 10% selenite thruout. Narrow "stringers" of gray limestone from 60.5 to 62.0'. |
| | 72.0 | 2.5 | Gypsum, as above, with gray limestone to 70.0 ft. and 1" of clay at 72 ft. 1" of "pink" gypsum at 70.0 ft. |
| | 73.2 | | Lost core |
| | 91.0 | 12.0 | Gypsum in gray limestone "breccia" with a number of clay "seams" to 78'. Section is 35% white gypsum. |
| | 94.6 | 3.6 | Gypsum, light gray due to selenite, and 3 to 4% limestone. |
| | 125.0 | 24.0 | Gypsum, dark gray due to 20% limestone inclusions. Many horizontal "fractures" healed with selenite. |

END OF HOLE 125.0



TESTS

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

LAT.
 CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR Located in Roebuck Twp.,

BEARING AT COLLAR 250 ft. South of Cheepash River.

DIP AT COLLAR Vertical

LOGGED BY A. Bullis DRILLED BY Moosonee G. & E. C.

PURPOSE OF HOLE.....

HOLE No. 3

STARTED.....

COMPLETED.....

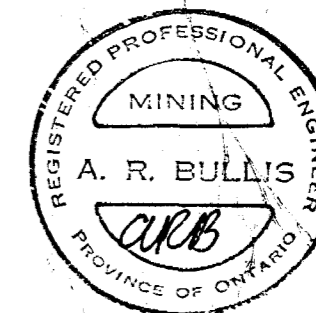
HOR. COMP. VER. COMP.

DEPTH 104.0

HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK | DESCRIPTION |
|----------|-------|------|--|
| From | To | | |
| 0 | 35 | | Ex. Lic. 10 13438 Casing |
| | 35.5 | 0.5 | Gypsum, with sugary texture, up to 10% selenite. |
| | 39.0 | | Lost Core. |
| | 52.5 | 12.5 | Gypsum, white massive with less than 1% impurity. |
| | 56.0 | 3.5 | Gypsum with 10 to 15% gray limestone. |
| | 66.0 | 8.0 | Gypsum, white with less than 1% brownish limestone impurity. Bottom 1 ft. of section contains 3 to 4% clay. |
| | 73.5 | | No core. Solution cavity. |
| | 74.0 | 0.5 | Gypsum, 50% clay. |
| | 77.0 | | No core. Solution cavity. |
| | 82.0 | 4.5 | Gypsum, white and massive with 10% brownish and gray limestone, especially at beginning and end of sections. |
| | 90.0 | | No core, solution cavity. |
| | 97.0 | 3.0 | Gypsum, similar to 77-82 ft. |
| | 104.0 | 1.0 | Gypsum, as above. |

END OF HOLE 104.0 ft.



FARADAY URANIUM MINES LIMITED

DIAMOND DRILL RECORD

SHEET No.

EX. LIC. Lo 13438

MOOSONEE GYPSUM & EXPLORATION CO.

TESTS

LAT.
 CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR Located in Roebuck Twp.,
 BEARING AT COLLAR 157 ft. south of the Cheepash River.

DIP AT COLLAR Vertical

LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 4

STARTED

COMPLETED

HOR. COMP. VER. COMP.

DEPTH 105 ft.

HONEY PRINTING SERVICE TORONTO 6569

PURPOSE OF HOLE

| Distance | | ROCK | DESCRIPTION |
|----------|-----|------|-------------|
| From | To | | |
| 0 | 105 | | NO CORE |



TESTS

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

LAT.
 CO-ORDINATES OF COLLAR Located in Roebuck Twp.,
 ELEVATION OF COLLAR 242 ft. South of Chesash River.
 BEARING AT COLLAR Vertical
 DIP AT COLLAR Bullis
 LOGGED BY DRILLED BY Moosonee G.&E.C.

HOLE No. 5
 STARTED
 COMPLETED
 HOR. COMP. 134 ft. VER. COMP.
 DEPTH

PURPOSE OF HOLE

| Distance | | ROCK | DESCRIPTION |
|----------|-------|------|--|
| From | To | | |
| 0 | 50 | | Ex. Lic. L.O. 13438 No core. |
| | 75 | 24' | Gypsum, white to very light gray. About 1% brownish limestone. 10% selenite. |
| | 78.0 | 2.5 | Limestone, blue-gray and gypsum. Two clay seams between. 76.0 and 76.5 ft. |
| | 84.0 | 6.0 | Gypsum, massive white, very little impurity. 3" of gray limestone at 79.0 ft. |
| | 86.0 | 2.0 | Limestone, gray, and gypsum. |
| | 91.6 | 5.0 | Gypsum, white to light brown, due to 2% limestone on limy impurity. 2" of shaly limestone with selenite at 91.0 ft. |
| | 94.0 | 3.4 | Gray limestone with 15 to 20% gypsum. |
| | 110.5 | 11.5 | Gypsum, white with "sugary" texture. Brown mottling thruout due to small inclusions of limestone. Narrow brown limestone sections at 105, 108, and 110 ft. |
| | 112.0 | 1.5 | Gypsum with 35% blue-gray limestone. Clay "seam" at 111.8 ft. |
| | 114.6 | 2.5 | Gypsum, brownish mottling due to limestone impurities. |
| | 119.0 | 2.5 | Gypsum, mainly selenite with many horizontal "seams" of clay and some shaly limestone. |
| | 132.0 | 11.0 | Gypsum, mainly medium grained selenite, brownish to gray due to clay and limestone inclusions. Core is 1 to 2% clay as inclusions and in "Seams". |
| | 134.0 | 2.0 | Limestone, gray, brecciated with fractures healed with selenite. Core is 15% selenite. |

END OF HOLE 134.0.



TESTS

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

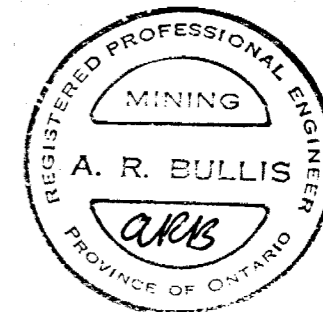
LAT.
 CO-ORDINATES OF COLLAR DEP.
 ELEVATION OF COLLAR Located in Roebuck Top,
 BEARING AT COLLAR 248ft South of Cheepash River.
 DIP AT COLLAR Vertical
 LOGGED BY A. Bullis. DRILLED BY Moosonee G. & E.C.

HOLE No. 6
 STARTED
 COMPLETED
 HOR. COMP. VER. COMP.
 DEPTH 120

PURPOSE OF HOLE

| Distance | | ROCK | DESCRIPTION |
|----------|-------|--------|---|
| From | To | | |
| 0 | 37 | | Ex. Lic. L O 13438 |
| | 38.0 | 1.0ft. | Casing |
| | 39.5 | 1.0ft. | Limestone, gray, 5% selenite in fractures. |
| | 42.0 | | Gypsum, white, with 30 to 40% gray limestone. |
| | 42.8 | 0.8ft | Lost core. |
| | 46.5 | | Limestone, blue-gray, with 10% selenite in fractures. |
| | 48.0 | 1.5 | Lost core. |
| | 50.0 | 1.5 | Gypsum, white with 30% gray limestone. |
| | 58.5 | | Limestone, gray brecciated with 5 to 8% gypsum. |
| | 61.0 | 2.5 | Lost core, several "pebbles" of limestone at 52 ft. |
| | 66.0 | | Limestone, gray with 4" white gypsum at 59.0ft. Limestone is shaly thruout and there is 2" clay at 60 ft. |
| | 67.4 | 1.4 | Lost core. |
| | 70 | 2.0 | Limestone, gray massive, very little gypsum. |
| | 73.5 | 3.5 | Gypsum, white, "sugary" texture. Less than 1/2% impurities. 2" piece of granite at 68 ft, may be small boulder in solution channel. |
| | 79.0 | 5.5 | Limestone and gypsum. Core is 40% gray shaly, broken limestone, "sugary" texture. |
| | 83.0 | 3.0 | Gypsum, white massive with "sugary" texture, less than 1% brownish limestone impurity. |
| | 97.7 | 14.0 | Limestone, very shaly with 5 to 10% selenite clay mud thruout section with 3 inches at 82 ft. |
| | 106.5 | 7.0' | Gypsum, white with brownish limestone inclusions thruout to produce mottled effect. Core is 6 to 8% limestone inclusion. |
| | 108.5 | 1.2' | Limestone, gray shaly with 15% gypsum. |
| | 111.9 | 1.9' | Gypsum, white "sugary" with 10% selenite. |
| | 119.0 | 6.0 | Limestone, gray, with 10 to 15% gypsum. |
| | 120.0 | 1.0 | Gypsum, white to gray due to selenite and about 2% limestone impurity. |
| | | | Gypsum and clay in horizontal "seams". Some selenite in seams as well. |

END OF HOLE 120.0 ft.



FARADAY URANIUM MINES LIMITED

EX. LIC. 10 13433

DIAMOND DRILL RECORD

SHEET No.

MOOSONEE GYPSUM & EXPLORATION CO. TESTS

LAT.
 CO-ORDINATES OF COLLAR DEP.
 ELEVATION OF COLLAR Located in Roebuck Twp.
 BEARING AT COLLAR 71 Ft. south of the Cheepash River.
 DIP AT COLLAR Vertical
 LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 7
 STARTED
 COMPLETED
 HOR. COMP. VER. COMP.
 DEPTH 55 ft.

PURPOSE OF HOLE

HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK Core Recovery | DESCRIPTION |
|----------|------|-----------------------|--|
| From | To | | |
| 0 | 31 | 0 | No core |
| | 35.0 | 4.0 | Limestone, gray with some shale and Minor gypsum. |
| | 49.0 | 8.0 | Gypsum, pure, white, with less than 2% gray limestone. |
| | 51.0 | 0 | Lost core |
| | 55.0 | 1.5 | Gypsum, pure, white. |
| | | | END OF HOLE % 55 ft. |



EX. LIC. LO 13438

MOOSONEE GYPSUM & EXPLORATION CO.

TESTS

LAT.
 CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR Located in Roebuck twp.,
 BEARING AT COLLAR 252 ft. south of the Cheepash River

DIP AT COLLAR

LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 8

STARTED

COMPLETED

HOR. COMP. VER. COMP.

DEPTH 102 ft.

HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK Core Recovery | DESCRIPTION |
|----------|----|-----------------------|-------------|
| From | To | | |

| | | | |
|---|-------|------|--|
| 0 | 24 | 0 | No Core |
| | 31.0 | 1.5 | Limestone, gray and fossiliferous. 5% selenite, section grades into impure gypsum. |
| | 40.0 | 0.8 | Gypsum, with 10% shaly limestone. Several "pebbles" of gray to blue shale at 31 ft. |
| | 42.0 | 0.5 | Gypsum, light gray with less than 5% impurity. |
| | 69.0 | 27.0 | Gypsum, white with a "sugary texture", less than 5% selenite and very minor limestone. A few pebbles of lms. at 42 ft. |
| | 72.2 | 3.0 | Limestone, dark gray, shaly and fossiliferous with 20% gypsum. one inch of clay at 69.5 ft. |
| | 85.5 | 12.0 | Gypsum, pure, white with a sugary texture. |
| | 87.0 | 2.5 | Limestone, gray. |
| | 90.5 | 2.5 | Gypsum, pure, white, grading to gray selenite with some clay. |
| | 102.0 | 10.5 | Limestone breccia and shale with 20% selenite. |

END OF HOLE 102 ft.



EX. LIC. Lo 13838

MOOSONEE GYPSUM & EXPLORATION CO. TESTS

LAT.
 CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR Located in Roebuck Twp.,
 BEARING AT COLLAR 167 ft. south of the Cheepash River

DIP AT COLLAR Vertical

LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 9

STARTED

COMPLETED

HOR. COMP. VER. COMP.

DEPTH 61 ft.

HONEY PRINTING SERVICE TORONTO 6569

PURPOSE OF HOLE

| Distance | | ROCK | DESCRIPTION |
|----------|----|------|-------------|
| From | To | | |
| 0 | 61 | | NO CORE |



FARADAY URANIUM MINES LIMITED

EX. LIC. LO 13838

DIAMOND DRILL RECORD

MOOSONEE GYPSUM & EXPLORATION CO.

TESTS

SHEET No.

LAT.
CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR

BEARING AT COLLAR **Located in Roebuck Twp.,
258 ft. south of the Cheepash River**

DIP AT COLLAR **Vertical**

LOGGED BY **A. Bullis** DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

PURPOSE OF HOLE

HOLE No. **10**

STARTED

COMPLETED

HOR. COMP. VER. COMP.

DEPTH **59 ft.**

HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK | DESCRIPTION |
|----------|----|------|-------------|
| From | To | | |
| 0 | 59 | | NO CORE |



EX. LIC. IO 13438

MOOSONEE GYPSUM & EXPLORATION CO.

TESTS

LAT.
 CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR Located in Roebuck Twp.
 284 ft. south of the Cheepash River.

BEARING AT COLLAR

DIP AT COLLAR Vertical

LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 11

STARTED

COMPLETED

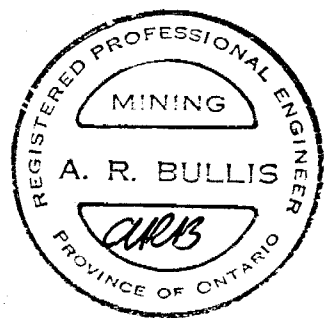
HOR. COMP. VER. COMP.

DEPTH 59.0 ft.

PURPOSE OF HOLE

HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK Core Recovery | DESCRIPTION |
|----------|------|-----------------------|---|
| From | To | | |
| 0 | 41.0 | 0 | Lost Core, except for three inches of broken core at 39.5 ft. Core is white gypsum with very little impurity. |
| | 45.0 | 3.0 | Gypsum, pure white with less than 1% limy impurities. |
| | 45.2 | 0.2 | Shale, limy and dark. |
| | 46.5 | 0.4 | Gypsum and limestone. A few pebbles of pure white gypsum and four inches of limestone breccia. |
| | 52.5 | 0 | Lost Core |
| | 55.0 | 1.2 | Gypsum, white, with 4% clay "partings" of irregular orientation. |
| | 58.0 | 0 | Lost Core. |
| | 59.0 | 1.0 | Gypsum, white, with 5 to 6% clay partings. |
| | | | END OF HOLE 59.0 ft. |



FARADAY URANIUM MINES LIMITED

DIAMOND DRILL RECORD

SHEET No.

EX LIC. LO 13438

MOOSONEE GYPSUM & EXPLORATION CO. TESTS

LAT.
CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR Located in Rosbuck Twp.,
BEARING AT COLLAR 240 ft. south of the Cheepash River.

DIP AT COLLAR Vertical

LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 12

STARTED

COMPLETED

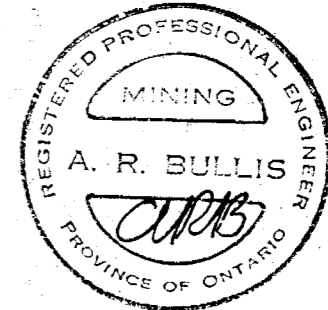
HOR. COMP. VER. COMP.

DEPTH 60 ft.

HONEY PRINTING SERVICE TORONTO 6569

PURPOSE OF HOLE

| Distance | | ROCK | DESCRIPTION |
|----------|----|------|-------------|
| From | To | | |
| 0 | 60 | | NO CORE |



FARADAY URANIUM MINES LIMITED

DIAMOND DRILL RECORD

SHEET No.

EX. LIC. LO 13438

MOOSONEE GYPSUM & EXPLORATION CO.

TESTS

LAT.
 CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR Located in Roebuck twp.
 BEARING AT COLLAR 77 ft. south of the Cheepash River

DIP AT COLLAR Vertical

LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 13

STARTED

COMPLETED

HOR. COMP. VER. COMP.

DEPTH 102.0 ft.

PURPOSE OF HOLE

HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK Core Recovery | DESCRIPTION |
|----------|-------|-----------------------|--|
| From | To | | |
| 0 | 28.0 | 0.0 | No Core |
| | 43.0 | 14.0 | Gypsum, white to light gray, almost pure with less than 1% limy "partings". |
| | 45.0 | 0.0 | Lost Core. |
| | 51.5 | 4.5 | Gypsum, white, pure, with limy shale inclusions at 50.0 ft. |
| | 56.0 | 1.0 | Clay |
| | 95.0 | 33.0 | Gypsum, white, pure, massive with "sugary" texture mainly. Core is 10 to 15% selenite. |
| | 99.5 | 4.0 | Gray Limestone and Gypsum, with two clay seams from 97.0 to 97.5 ft. and from 99.0 to 99.5 ft. |
| | 102.0 | 2.5 | Gypsum, pure, white. |

END OF HOLE 102 ft.



EX. LIC. 10 13438

MOOSONEE GYPSUM & EXPLORATION CO.

TESTS

CO-ORDINATES OF COLLAR LAT.
DEP.

ELEVATION OF COLLAR Located in Roebuck Twp.,
37 feet south of the Cheepash River.

BEARING AT COLLAR

DIP AT COLLAR Vertical

LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 14

STARTED

COMPLETED

HOR. COMP. VER. COMP.

DEPTH 145 ft.

HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK Core Recovery | DESCRIPTION |
|-----------------------|-------|-----------------------|---|
| From | To | | |
| 0 | 14.0 | 0.0 | No Core |
| | 19.0 | 1.0 | Limestone, gray with 1 inch of blue-gray shale at 14 ft. Section ends in coarse selenite. |
| | 34.5 | 7.0 | Gypsum, light gray, massive, sugary texture, with 15 to 20% selenite. Less than 2% shale & lms. impurity. |
| | 38.0 | 3.5 | Gypsum with 35% gray limestone. Section grades into selenite at 38.0 ft. |
| | 98.0 | 57.0 | Gypsum, pure, white, sugary texture, 10% selenite at beginning of section. Selenite thruout gives a mottled gray appearance; less than 1% impurity thruout the section. |
| | 101.5 | 3.5 | Gypsum with 15% gray limestone. |
| | 107.5 | 6.0 | Gypsum, pure, white, sugary texture. |
| | 108.1 | 0.6 | Limestone, gray, with two inches of clay. |
| | 123.3 | 15.0 | Gypsum, white to light gray, sugary texture to massive, 2 to 3% fine inclusions of gray limestone. |
| | 124.3 | 1.0 | Limestone, gray, shaly and slightly banded at core angle 35 degrees. Fossiliferous. |
| | 127.8 | 3.5 | Gypsum, gray, sugary with 5% gray limestone impurity. |
| | 130.5 | 2.5 | Limestone, gray, shaly, with less than 10% gypsum. |
| | 145.0 | 5.0 | Gypsum, gray to white, sugary texture and massive, with 2 to 3% shale and limestone. One inch of clay at 142 ft. |
| END OF HOLE 145.0 ft. | | | |



EX. LIC. LO 13438

MOOSONEE GYPSUM & EXPLORATION CO.

TESTS

LAT.
 CO-ORDINATES OF COLLAR DEP.

ELEVATION OF COLLAR Located in Roebuck Twp.,
 BEARING AT COLLAR 26 ft. south of the Cheepash River

DIP AT COLLAR Vertical

LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 15

STARTED

COMPLETED

HOR. COMP. VER. COMP.

DEPTH 51 ft.

HONEY PRINTING SERVICE TORONTO 6569

PURPOSE OF HOLE

| Distance | | ROCK | DESCRIPTION |
|--------------------|------|---------------|--|
| From | To | | |
| 0 | 12.0 | Core Recovery | Casing |
| | 22.0 | 9.3 | Limestone, shaly, about 15% impurities, fossiliferous. |
| | 26.0 | 3.5 | Gypsum, very shaly from 23 to 25 ft. Limy thruout. |
| | 51.0 | 0.0 | Lost Core. |
| END OF HOLE 51 ft. | | | |



EX. LIC. L8 13438

MCCOSNEE GYPSUM & EXPLORATION CO.

TESTS

LAT.....
 CO-ORDINATES OF COLLAR DEP.....
 ELEVATION OF COLLAR Located in Roebuck Twp.,
 25 ft. south of the Cheepash River
 BEARING AT COLLAR.....
 DIP AT COLLAR Vertical
 LOGGED BY A. Bullis DRILLED BY.....

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

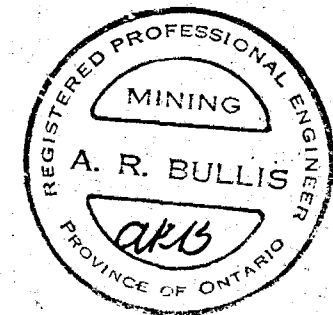
HOLE No. 16
 STARTED.....
 COMPLETED.....
 HOR. COMP..... VER. COMP.....
 DEPTH 141.0 ft.

HONEY PRINTING SERVICE TORONTO 6569

PURPOSE OF HOLE.....

| Distance | | ROCK Core Recovery | DESCRIPTION |
|----------|-------|-----------------------|---|
| From | To | | |
| 0 | 30 | | Casing, overburden of clay with limestone boulders at 25 ft. |
| | 35.0 | 1.2 | Shaly Limestone, fossiliferous. Two inches of gypsum at 35 ft. |
| | 37.0 | 0.6 | Gypsum, impure with limestone and some shale. Clay from 36 to 37 ft. Limey "sand" at 35 ft. |
| | 38.0 | 0.9 | Gypsum, pure. Selenite mainly. |
| | 38.5 | - | Gravel, probably a solution chanellway. |
| | 40.0 | 1.5 | Gypsum "sand", pure, small amount of limonite. |
| | 59.5 | 8.5 | Gypsum, pure, less than 2% shaly limestone. Core is selenite mainly. |
| | 66.0 | 2.7 | Gypsum grades to shaly gypsum at 66.0 ft. |
| | 78.0 | 5.0 | Gypsum, pure white, massive with only minor selenite. Six inches of shaly gypsum at 78.0 ft. |
| | 98.0 | 20.0 | Gypsum, pure, 10 to 15% selenite, rest massive. 5 to 10% limestone from 93 to 95 ft. |
| | 101.0 | 3.0 | Gypsum, impure with 10 to 15% shale and limey shale. Selenite thruout. |
| | 120.0 | 17.0 | Gypsum, less than 5% limestone, two inches of clay at 110.5 ft. Color changes from light gray to dark gray with increase in limestone partings in gypsum. Selenite seals fractures thruout. |
| | 141.0 | 20.0 | Gypsum, gray due to "partings" of limey gypsum. Fractures are healed by selenite. The core is 40% limey gypsum and 60% selenite or massive gypsum. |

END OF HOLE 141.0 ft.



Ex. Lic. LO 13438

MOOSONEE GYPSUM & EXPLORATION CO.

TESTS

LAT.
 CO-ORDINATES OF COLLAR DEP.
 ELEVATION OF COLLAR Located in Roebuck Twp.,
 BEARING AT COLLAR 26 ft. south of the Cheepash River.
 DIP AT COLLAR Vertical
 LOGGED BY A. Bullis DRILLED BY

| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

HOLE No. 17
 STARTED
 COMPLETED
 HOR. COMP. VER. COMP.
 DEPTH 142 ft.

PURPOSE OF HOLE

HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK Core Recovery | DESCRIPTION |
|----------|-------|-----------------------|---|
| From | To | | |
| 0 | 24 | 0.0 | No Core |
| | 26.5 | 2.5 | Gypsum and brownish Limestone. |
| | 28.0 | 1.5 | Gypsum with 15% selenite, brownish color thruout. |
| | 33.2 | 3.5 | Limestone, gray, shaly with minor gypsum. Two inches of clay at 29 ft. |
| | 37.8 | 4.6 | Gypsum, massive slight brownish hue. |
| | 39.8 | 2.0 | Limestone, gray with shaly sections. About 10% gypsum. Clay seam at 39.8 ft. |
| | 78.0 | 34.0 | Gypsum, pure white, massive to sugary texture. Less than 1% impurity. |
| | 80.0 | 2.0 | Gypsum with flat lying clay partings making up to 15% of the core. |
| | 99.0 | 16.0 | Gypsum, white with a slightly brown hue due to 1 to 2% limestone impurities that ramify thruout. |
| | 106.5 | 7.0 | Gypsum and gray Limestone with clay partings from 105 to 106.5 ft. |
| | 120.0 | 13.0 | Gypsum, gray due to small limestone particles and clay minerals. Gypsum is mainly selenite. |
| | 142.0 | 21.0 | Gypsum and gray Limestone, selenite fills flat lying fractures in the rock. Core is about 60% gypsum and 40% limestone. |
| | | | END OF HOLE 142.0 ft. |



FARADAY URANIUM MINES LIMITED

EX. LIC. LO 13438

DIAMOND DRILL RECORD

SHEET No.

MOOSONEE GYPSUM & EXPLORATION CO.
TESTS

LAT.
 CO-ORDINATES OF COLLAR DEP.
 ELEVATION OF COLLAR
 BEARING AT COLLAR
 DIP AT COLLAR
 LOGGED BY A. Bullis DRILLED BY

Location of hole is in Roebuck Twp.,
 47 ft. south of the Cheepash River.

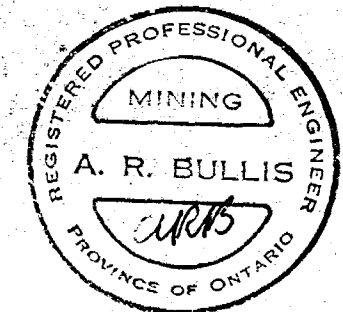
| Ft. | Dip. | Ast. Bearing | Ft. | Dip. | Ast. Bearing | Core | |
|-----|------|--------------|-----|------|--------------|--------------|---------------|
| | | | | | | Ft. Received | p.c. Recovery |
| | | | | | | | |

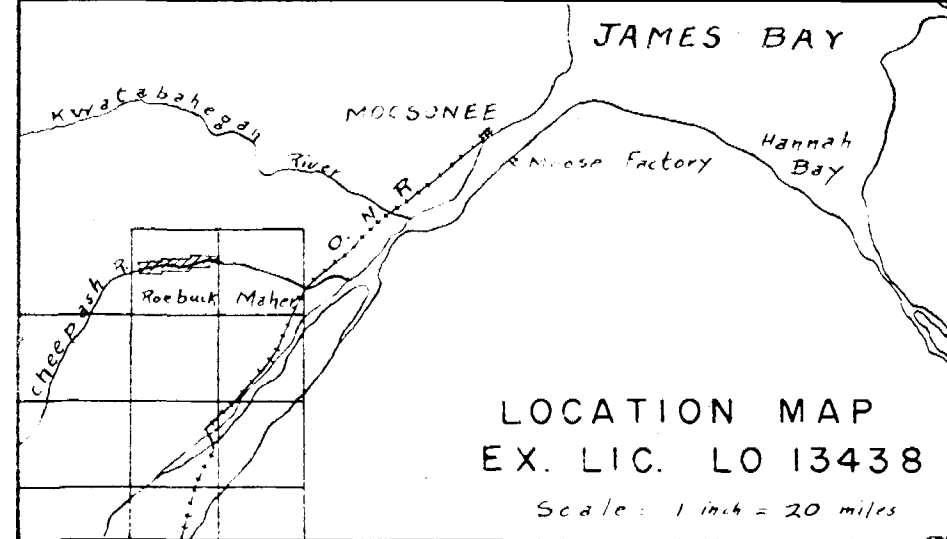
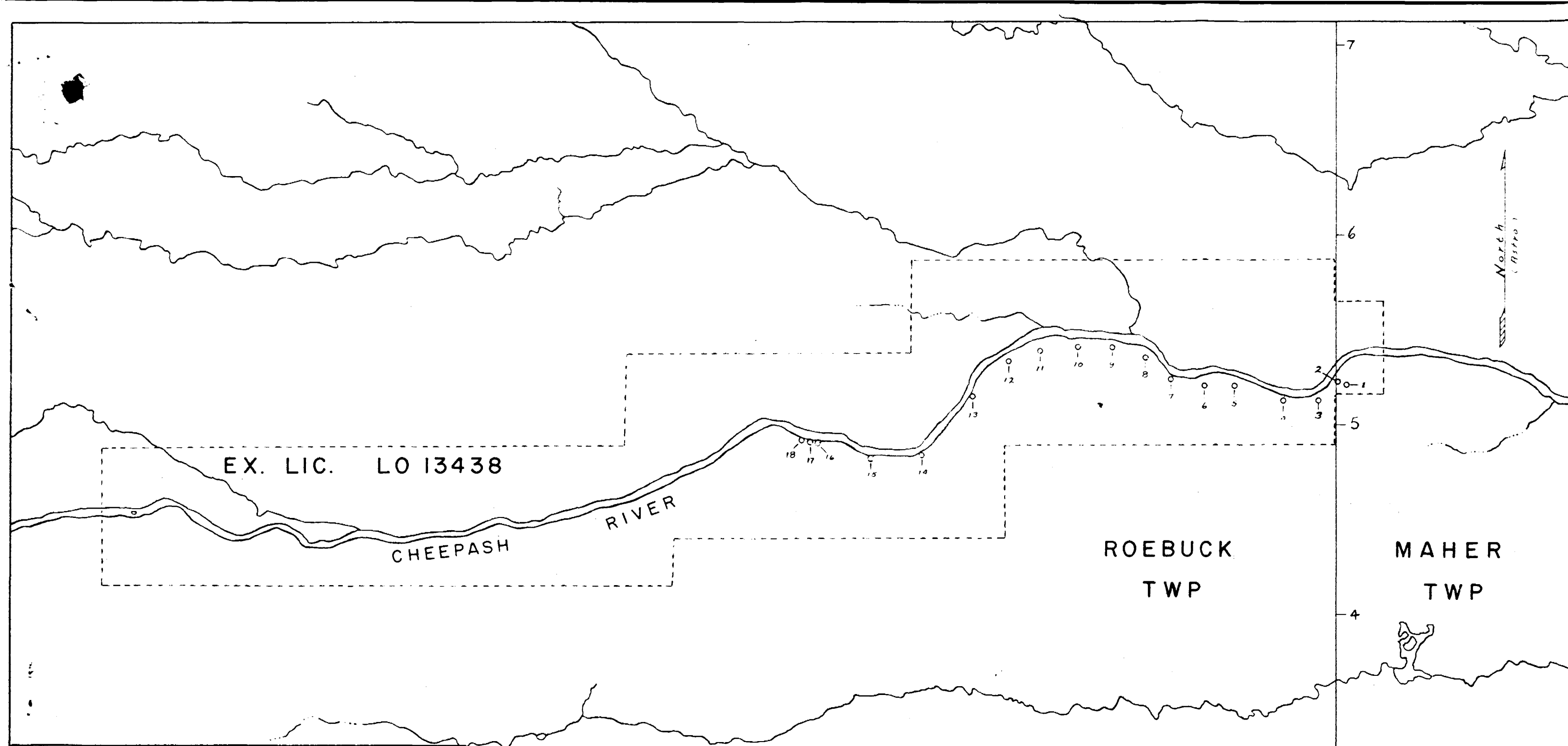
HOLE No. 18
 STARTED
 COMPLETED
 HOR. COMP. VER. COMP.
 DEPTH 79 ft.

PURPOSE OF HOLE

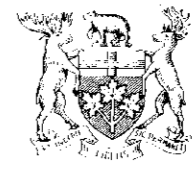
HONEY PRINTING SERVICE TORONTO 6569

| Distance | | ROCK | DESCRIPTION |
|----------|----|------|-------------|
| From | To | | |
| 0 | 79 | | NC CORE |



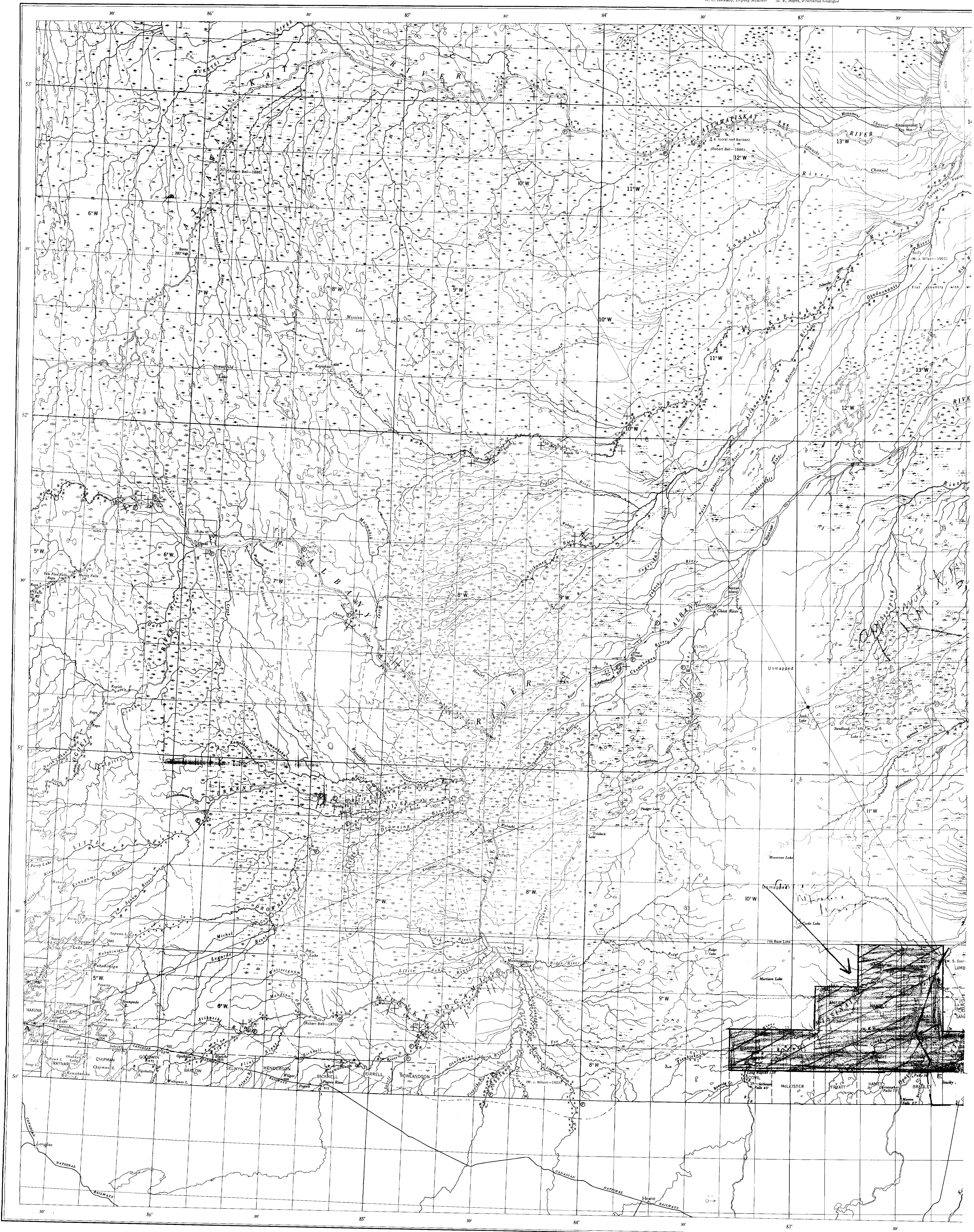


MOOSONEE GYPSUM & EXPLORATION COMPANY
 MAP OF DIAMOND DRILL HOLES
 HOLES SHOWN: 0-1
 SCALE: 1 INCH = 40 CHAINS
 Drawn by: A. Bullis
 Dec. 1963



PROVINCE OF ONTARIO
DEPARTMENT OF MINES

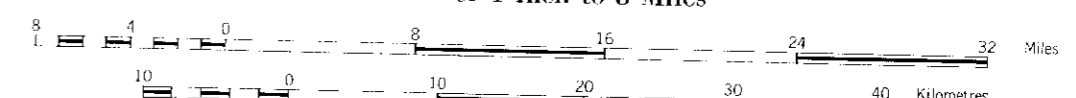
HON. PHILIP T. KELLY, Minister of Mines
H. C. Haskaby, Deputy Minister M. E. Hurst, Provincial Geologist



Map No. 1952-3

**Southern Part of
JAMES BAY LOWLAND**
PROVINCE OF ONTARIO

Scale 1 inch to 8 Miles



1952-3



429358282 83 1-24 MAHER

200

83.1-20.

PLAN SHOWING GYPSUM EXPLORATORY LICENSE

IN THE

JAMES BAY LOWLANDS

DISTRICT OF COCHRANE

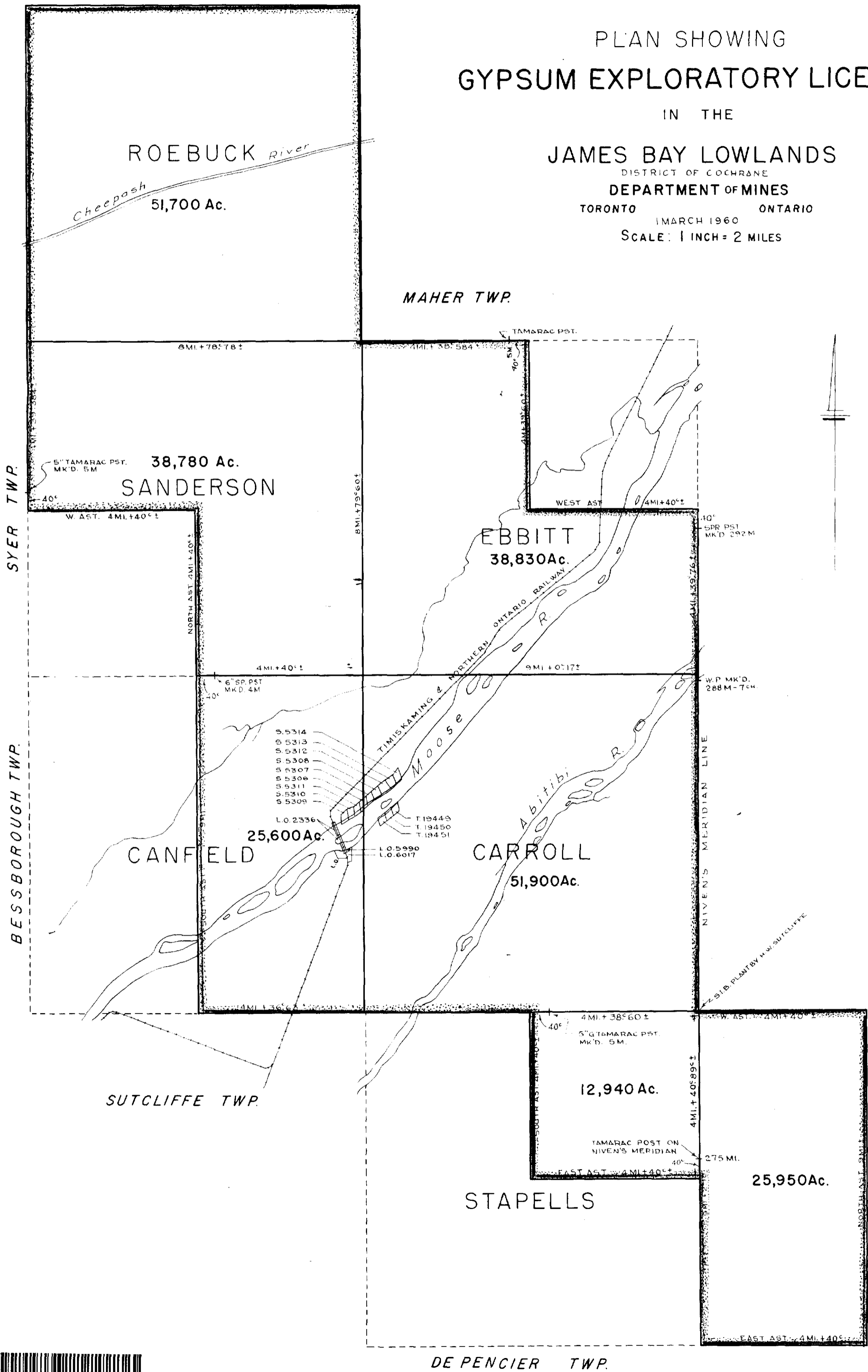
DEPARTMENT OF MINES

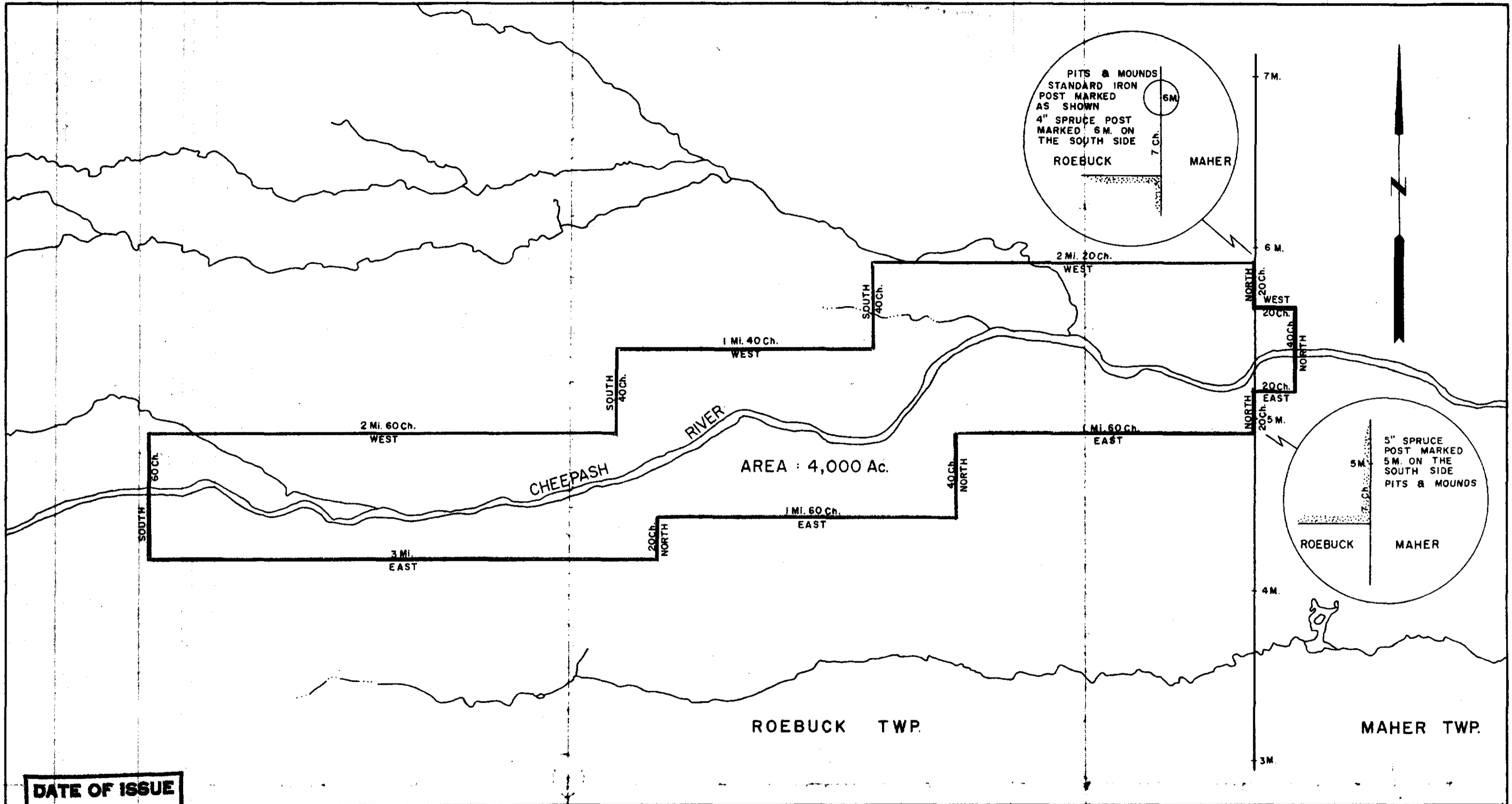
TORONTO

ONTARIO

MARCH 1960

SCALE: 1 INCH = 2 MILES





DATE OF ISSUE

JUL 4 1963

ONTARIO DEPT. OF MINES

ONT. DEPT. OF MINES
 MINING LANDS BR.
 THIS MAP FOR CHECKING
 PURPOSES ONLY - MUST
 NOT BE SOLD.



PLAN SHOWING
 EXPLORATORY LICENCE
 IN THE TWPS OF MAHER & ROEBUCK
 DISTRICT OF COCHRANE
 SCALE 1 Inch = 20 Ch.
 PREPARED BY THE
 ONTARIO DEPARTMENT OF MINES
 -1962-

83.1-20

CANFIELD TWP

MOOSE RIVER

RAILWAY

NORTHLAND

MURRAY IS.

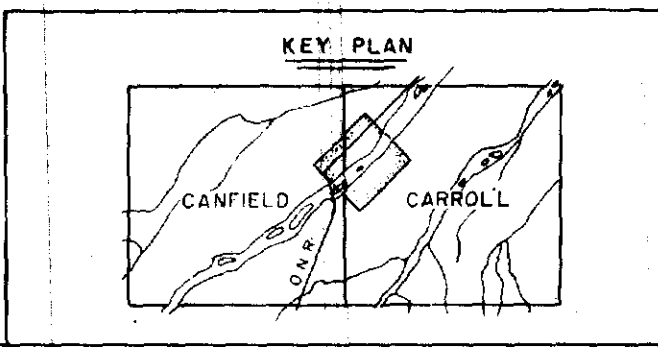
MIKE IS.

ONTARIO



TOTAL AREA 3,660 Ac.

CARROLL TWP.



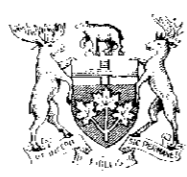
PLAN SHOWING
 EXPLORATORY LICENCE
 IN THE TWPS OF
 CANFIELD & CARROLL
 DISTRICT OF COCHRANE
 SCALE 1 Inch = 40 Ch.
 AS PREPARED BY
 THE ONTARIO DEPARTMENT OF MINES
 -1962-



42P03SE0002 83.1-20 MAHER

230

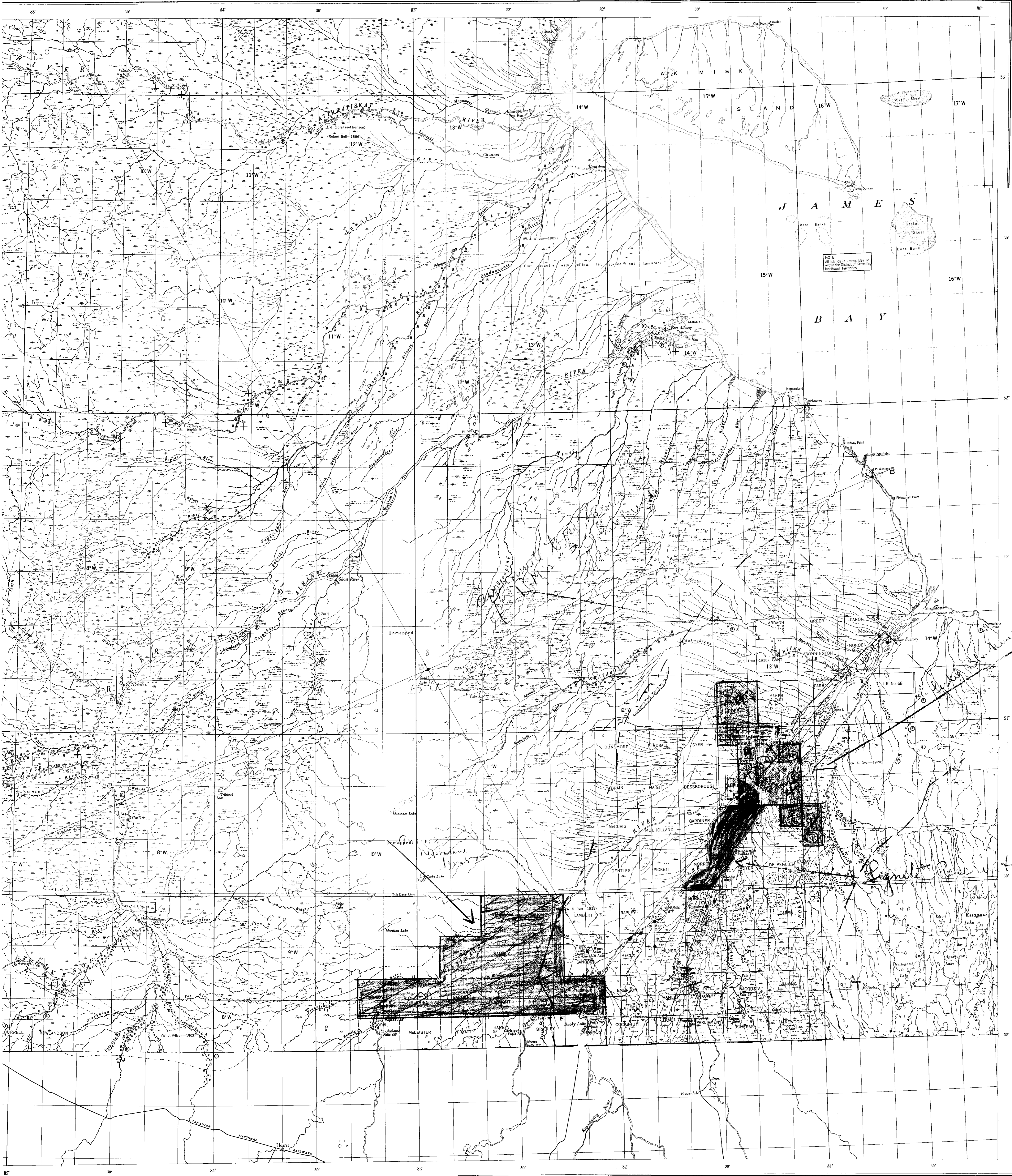
5



PROVINCE OF ONTARIO
DEPARTMENT OF MINES

HON. PHILIP T. KELLY, Minister of Mines
H. C. Rinkley, Deputy Minister M. E. Harst, Provincial Geologist

Map No. 1952-3
Southern Part of
JAMES BAY LOWLAND



SYMBOLS

- 11°W Magnetic variation, 1940
- 1004 4500 ft on first above mean sea level
- Open multiple, swamp or marsh
- 7 feet (ft)
- Flow, cross stream, if = depth, F = flow, with drop in feet
- Station
- Railway
- Tree or village
- Settlement
- Trading post
- Lookout tower with communication
- Astronomical observation measurement
- Township line, surveyed line
- R.R.
- Indian Reserve
- Small rock outcrop
- Boundary of rock outcrop, outcrop area
- Geological boundary, assumed
- Ecological boundary, approximate
- Ecological boundary, assumed
- Horizontal bedding
- Strike and slip
- Synclinal axis
- Anticlinal axis
- Direction of plunge of fold axis, crest line or trough line
- Spot height, depth in feet as prescribed in notes
- Fossil localities
- Photo numbers for air photographs in report (vertical columns)
- A B Lines of structure sections (see separate sheet)

LEGEND

CENOZOIC
PLEISTOCENE AND RECENT
Alluvial clay, gravel, sand, silt, peat, etc.
LIGNITE DEPOSIT

MESOZOIC
CRETACEOUS
LOWER CRETACEOUS
KOOTENAY 11
MATTACAMUNG FORMATION: fine clay, sand, siltstone
UNCONFORMITY

PALEOZOIC
DEVONIAN
UPPER DEVONIAN
PORTAGE 10
LONG RAPIDS FORMATION: siliceous shale, sandstone, etc.
UPPER AND MIDDLE DEVONIAN
HAMILTON 9
WILLIAMS ISLAND FORMATION: siliceous shale, sandstone, etc.
POST MIDDLE DEVONIAN (?)
INTRUSIVE DIKES: (granophyre)
INTRUSIVE CONTACT

MIDDLE DEVONIAN
DUNDAS 7
LAGRANGE RIVER FORMATION (upper): grey to siliceous sandstone
DETROIT RIVER
LAGRANGE RIVER FORMATION (middle) (MOOSE 7b): RIVER FORMATION: siliceous shale, sandstone, etc. (assumed area of exposure above 100 feet shown by red stipple overlap)
BOIS BLANC
7a
LAGRANGE RIVER FORMATION (lower): brown to grey sandstone, sandstone
LOWER DEVONIAN
6
SEAFORTH FORMATION: argill. conglomerate, sandstone, shale, etc.
EROSION INTERVAL

SILURIAN
UPPER SILURIAN
5a
KENGAM RIVER FORMATION: MEMBER 5: (red) red to green sandstone, argill. sandstone
5b
KENGAM RIVER FORMATION: MEMBER 4: red to green sandstone and shale, siliceous sandstone
5c
KENGAM RIVER FORMATION: MEMBER 3: brownish sandstone (2 feet) red and green sandstone and shale
5d
KENGAM RIVER FORMATION: MEMBER 2: red to green sandstone
MIDDLE SILURIAN (?)
5a
KENGAM RIVER FORMATION: MEMBER 1: red to green sandstone
MIDDLE SILURIAN (1) AND LOCKPORT
4
PACIFIC RIVER FORMATION: grey fossiliferous sandstone, etc.
LOWER SILURIAN
MEDINA 3
KENGAM RIVER FORMATION: argill. sandstone, etc.
EROSION INTERVAL

ORDOVICIAN
UPPER ORDOVICIAN
RICHMOND 2
Dundas: limestone, sandstone
GREAT UNCONFORMITY

PRECAMBRIAN
1
Dolomite, limestone, sandstone, etc.

SOURCES OF INFORMATION
Base map from parts of the following sheets of the Geological Survey of Canada: Alameda Island, Manitowish and Portage-Mattacung Falls, Ontario by Robert Bell, 1923, P. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 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989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

NOTES
Geological information from other sources shown (Shaw, W. S., 1926, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000).

Map No. 1952-3
**Southern Part of
JAMES BAY LOWLAND**
PROVINCE OF ONTARIO
Scale 1 inch to 8 Miles