



31F04NW9485 11 MONTEAGLE

MONTEAGLE TOWNSHIP

This file contains work performed by Mackenzie Red Lake Gold Mines Limited on claims:

EO.5500

| Holes #1; | <u>1952</u> |
|-----------|-------------|
| 4; 97 | 1952 |
| 5; 128 | 1952 |
| 6; 41 | 1952 |
| 7; 60 | 1952 |
| 8; 71 | 1952 |
| 9; 62 | 1952 |
| 10; 70 | 1952 |
| 11; 42 | 1952 |
| 12; 85 | 1952 |
| 13; 115 | 1952 |
| 14; 141 | 1952 |
| <hr/> | |
| 912 | |

S. H. Law

Property A.C.F. 0,5500 Diamond Drill Record.

Angle Vertical

Date June 26th 27th 1952

Total Depth 97 feet

Size of Bit used. AX 1 1/4"

Footage

From To

0 6'

Casing

6 7.3

Limestone weathered

7.3 29.9

Siliceous limestone, banded locally with mica
and other accessories

29.9 35.6

limestone Graphitic

35.6 36.8

75% Mica

36.8 49.0

as 29.9 - 35.6

49.0 55

Siliceous limestone, locally pegmatite

55 62

as above banded 50/50 with biotite - amphibolite

62 71.5

Amphibolite

71.5 74.6

limestone

74.6 90.5

limestone + siliceous, (deposide)

90.5 95.5

Amphibolite

95.5 97

Pegmatite

97

End.

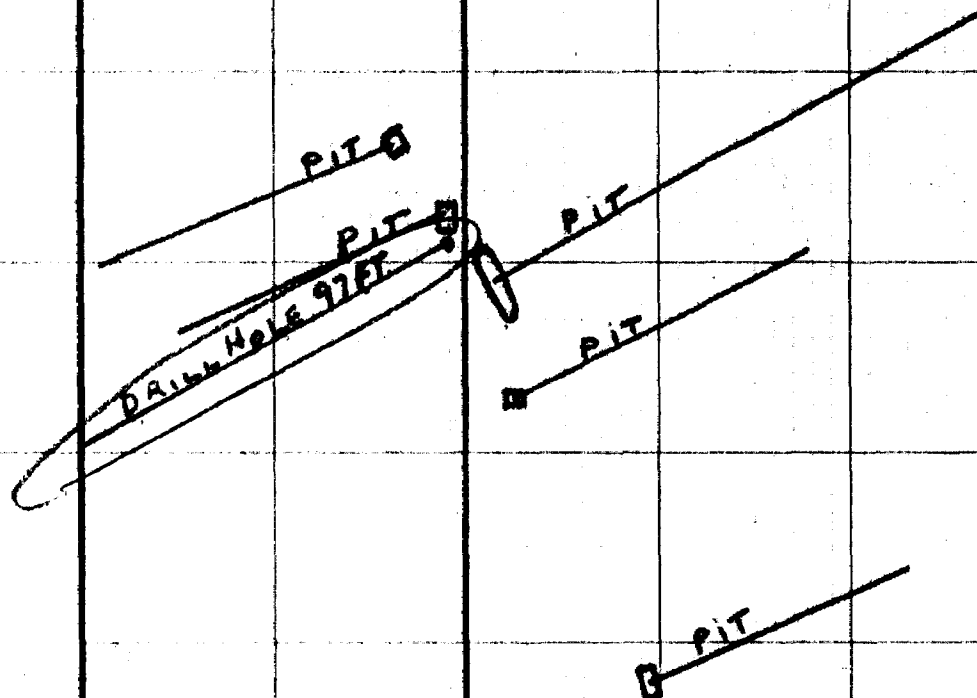
48 1/2 DAYS WORK RECORDED ON EACH
OF ED 5500-01 - JULY 28, 1952
FOR 1 HOLE 1 1/4" DIAM.

LOT 24

LOT 23

M.G. E.O. 5501

M.G. E.O. 5500



SKETCH PLAN
LOCATION OF WORK
MINING CLAIMS E.O. 5500 AND
E.O. 5501.
KNOWN AS LOT 24, CONCESSION 13,
TOWNSHIP OF MONTAGLE,
COUNTY OF HASTINGS.
SCALE - 1-INCH TO 440 FEET.

JULY 24th 1952.

MCKENZIE RED LAKE GOLD MINES LTD.
DIAMOND DRILL CORE LOG

96-11-1

COLLAR CO-ORDINATES _____ Location Maynooth-graphite Section _____
 LAT _____ DEP _____ HOLE NO. 4 TOTAL DEPTH 97
 ELEVATION 999.5 SHEET NO. _____ FT. RECOVERED _____
 AZIMUTH _____ DIP 90° DATE BEGUN June 26, 1952. % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED June 27, 1952. SIZE BIT A
Boyles Bros. per Lamon & Brown.

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS. | SLUDGES | | | |
|------------|---|------------|---------------|---------------|-------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 0 | Casing | | | | | | | | |
| 6 | | | | | | | | | |
| 6 | Weathered | | | | | | | | |
| 7.3 | | | | | | | | | |
| 7.3 | Line silicates (diopside etc.) banded | | | | | | | | |
| 29.9 | locally with mica (flaky chlorite?) and other accessories, some fine disseminated graphite. | | | | | | | | |
| 29.9 | | | | | | | | | |
| 35.6 | <u>Limestone, 10% large flake graphite</u> | | | | | | | | |
| 35.6 | | | | | | | | | |
| 36.8 | 75% "Mica" | | | | | | | | |
| 36.8 | | | | | | | | | |
| 36.8 | as 29.9 - 35.6 | | | | | | | | |
| 49.0 | | | | | | | | | |
| 49.0 | Line silicates varying in composition, | | | | | | | | |
| 55 | locally with pegmatite bands. | | | | | | | | |
| 55 | | | | | | | | | |
| 62 | as above banded 50-50 with biotite amphybolite. | | | | | | | | |
| 62 | | | | | | | | | |
| 62 | Paragneiss, biotite-amphybolite. | | | | | | | | |
| 72.5 | | | | | | | | | |
| 72.5 | Limestone, micaceous. | | | | | | | | |
| 74.6 | | | | | | | | | |
| 74.6 | Line silicates (diopside etc.) varying | | | | | | | | |
| 90.5 | in texture and composition. | | | | | | | | |
| 90.5 | | | | | | | | | |
| 90.5 | Paragneiss, biotite-amphybolite | | | | | | | | |
| 95.5 | | | | | | | | | |
| 95.5 | Pegmatite | | | | | | | | |
| 97 | | | | | | | | | |
| 97 | End. Hole broke into old workings. | | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES

Location Maynooth - graphite

Section _____

LAT _____ DEP _____

HOLE NO. 5

TOTAL DEPTH 128

ELEVATION 1005.5

SHEET NO. _____

FT. RECOVERED _____

AZIMUTH _____ DIP 90°

DATE BEGUN June 28, 1952.

% RECOVERY _____

HOR. _____ VERT _____

DATE FINISHED June 30, 1952.

SIZE BIT A

Boyles Bros. per Lennon & Brown.

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|---|------------|---------------|---------------|------|-----------|------|--------|-------|
| | | | | | | SAMP. NO. | FROM | OZ. AU | VALUE |
| 0 | Casing | | | | | | | | |
| 8 | Weathered schist | | | | | | | | |
| 9.2 | Lime silicates, diopside essentially, pyrite, | | | | | | | | |
| 14 | pyrrhotite | | | | | | | | |
| 14 | as above, intercalated with biotite- | | | | | | | | |
| 21 | amphybolite. | | | | | | | | |
| 21 | Limestone with traces of graphite, | | | | | | | | |
| 23 | banded with lime silicates, grades to, | | | | | | | | |
| 23 | Limestone, with 30 (plus) % graphite. | | | | | | | | |
| 31 | Garnets mica etc., as accessories. | | | | | | | | |
| 31 | Limestone, white, 10% graphite, grades to, | | | | | | | | |
| 34 | | | | | | | | | |
| 34 | Lime silicates, micaceous, traces of graphite. | | | | | | | | |
| 50.2 | | | | | | | | | |
| 50.2 | Limestone, large flake graphite is 30% | | | | | | | | |
| 57 | of rock and locally 50% | | | | | | | | |
| 57 | Lime silicates locally banded with | | | | | | | | |
| 62 | biotite-amphybolite. | | | | | | | | |
| 62 | Limestone, white, 10% accessories | | | | | | | | |
| 81 | (pyrite, pyrrhotite, etc.) Traces graphite locally. | | | | | | | | |
| 81 | Lost core | | | | | | | | |
| 82 | | | | | | | | | |
| 82 | as 62 - 81 | | | | | | | | |
| 95 | | | | | | | | | |
| 95 | Fine-grained siliceous biotite-amphybolite. | | | | | | | | |
| 103 | | | | | | | | | |
| 103 | Pegmatite | | | | | | | | |
| 109 | | | | | | | | | |
| 109 | Paragneiss, bio.-amph., with pegmatite bands. | | | | | | | | |
| 128 | 110.7 - 112.0 lost core. | | | | | | | | |
| 128 | END. | | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES

Location Maynooth - graphite

Section _____

LAT _____ DEP _____

HOLE NO. 6

TOTAL DEPTH 41

ELEVATION 1005.5

SHEET NO. _____

FT. RECOVERED 39

AZIMUTH _____ DIP 900

DATE BEGUN July 1, 1952

% RECOVERY _____

HOR. _____ VERT _____

DATE FINISHED July 1, 1952.

SIZE BIT A

Boyles Bros. - Lennon & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|---|------------|---------------|---------------|------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 0 | Casing | | | | | | | | |
| 9 | | | | | | | | | |
| 9 | Amphibolite-biotite | | | | | | | | |
| 9.5 | | | | | | | | | |
| 9.5 | Pegmatite | | | | | | | | |
| 11.3 | | | | | | | | | |
| 11.3 | Amphibolite-biotite | | | | | | | | |
| 20 | | | | | | | | | |
| 20 | Becoming siliceous, banded, grades to | | | | | | | | |
| 23 | | | | | | | | | |
| 23 | Limestone-graphitic - becoming richer to, (| | | | | | | | |
| 31.6 | (contains brown sheaflike silicate) | | | | | | | | |
| 31.6 | Micaceous | | | | | | | | |
| 32.0 | | | | | | | | | |
| 32 | Silicates (dipside?) trace fine graphite | | | | | | | | |
| 33.5 | | | | | | | | | |
| 33.5 | As 23 - 31.6 | | | | | | | | |
| 39 | | | | | | | | | |
| 39 | Lost Core | | | | | | | | |
| 41 | | | | | | | | | |
| | Broke through into old workings. | | | | | | | | |
| 41 | See sketch. | | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

CORNER CO-ORDINATES

Location Maynooth-graphite

Section _____

LAT _____ DEP _____

HOLE NO. 7

TOTAL DEPTH 60'

ELEVATION 1012.1

SHEET NO. 1

FT. RECOVERED _____

AZIMUTH _____ DIP 90°

DATE BEGUN July 2, 1952.

% RECOVERY _____

HOR. _____ VERT _____

DATE FINISHED July 3, 1952.

SIZE BIT A

Boyles Bros. D.D. - Lannon & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|---|------------|---------------|---------------|------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 0 | Casing | | | | | | | | |
| 3 | | | | | | | | | |
| 3 | Amphibolite-calcite matrix with 50% flakes and shreds of amphibole | | | | | | | | |
| 4 | Pegmatite pinkish with 2% ferromag accessories | | | | | | | | |
| 5.5 | | | | | | | | | |
| 5.5 | Amphibolite | | | | | | | | |
| 23.5 | | | | | | | | | |
| 23.5 | Limestone with 25% mica Tr graphite | | | | | | | | |
| 25.0 | | | | | | | | | |
| 25.0 | Limestone grey, with a little pyrrhotite (lime silicate) diopside?) | | | | | | | | |
| 26.00 | | | | | | | | | |
| 26.0 | As 23.5 - 25.0 with some heavy graphite over 0.1 at 28.3 | | | | | | | | |
| 28.5 | | | | | | | | | |
| 28.5 | Limestone - grey grading to white at contact with lime silicate (diopside?) | | | | | | | | |
| 30.8 | | | | | | | | | |
| 30.8 | Limestone with 25% mica, pyrrhotite, grades to | | | | | | | | |
| 33.4 | | | | | | | | | |
| 33.4 | Amphibolite - biotite. | | | | | | | | |
| 38.3 | | | | | | | | | |
| 38.3 | Limestone 10% graphite, large flake | | | | | | | | |
| 42.0 | | | | | | | | | |
| 42.0 | As 33.4 - 38.3 | | | | | | | | |
| 43.5 | | | | | | | | | |
| 43.5 | Banded 50% each of limestone with graphite and lime silicates | | | | | | | | |
| 46.3 | | | | | | | | | |
| 46.3 | Limestone 10% graphite, large flake | | | | | | | | |
| 48.8 | | | | | | | | | |
| 48.8 | Limestone 75% Mica | | | | | | | | |
| 49.5 | | | | | | | | | |
| 49.5 | As 46.3 - 48.8 | | | | | | | | |
| 50.5 | | | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES

Location Maynooth-graphite

Section _____

LAT _____ DEP _____

HOLE NO. 7

TOTAL DEPTH 60'

ELEVATION 1012.1

SHEET NO. 2

FT. RECOVERED _____

AZIMUTH _____ DIP 90°

DATE BEGUN July 2, 1952.

% RECOVERY _____

HOR. _____ VERT _____

DATE FINISHED July 3, 1952.

SIZE BIT A

Boyles Bros. D.D. - Lannon & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | |
|--------------|------------------------------------|------------|---------------|---------------|------|----------|------|-------------|
| | | | | | | SAMP.NO. | FROM | OZ.AU VALUE |
| 50.5 56.0 | Siliceous grades to | | | | | | | |
| 56 57 | Limestone with 25% mica, grades to | | | | | | | |
| 57 48.1 | Pegmatite with pink felpser | | | | | | | |
| 58.1 59.5 | Amphibolite-biotite | | | | | | | |
| 59.5 60 | Pegmatitic | | | | | | | |
| 60 | End | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.
DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES _____ Location _____ Section _____
 LAT _____ DEP _____ HOLE NO. **8** TOTAL DEPTH **71'**
 ELEVATION **1015.0** SHEET NO. _____ FT. RECOVERED _____
 AZIMUTH _____ DIP **90°** DATE BEGUN **July 3, 1952.** % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED **July 4, 1952.** SIZE BIT **A**
Boyles Bros. Drill, - Lennon & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|--|------------|---------------|---------------|------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 0 | Casing | | | | | | | | |
| 8 | | | | | | | | | |
| 8 | Limestone- white - few accessories | | | | | | | | |
| 10.5 | | | | | | | | | |
| 10.5 | Limestone with 3 - 4% mica trace of graphite | | | | | | | | |
| 12.0 | | | | | | | | | |
| 12.0 | Limestone - with amphibolite bands | | | | | | | | |
| 18.0 | | | | | | | | | |
| 21 | Limestone with bands of amphibolite and grains of garnet, epidote etc. in the less altered sections. | | | | | | | | |
| 27 | Amphibolite - grades to | | | | | | | | |
| 30 | | | | | | | | | |
| 30 | Line silicates - metamorphised 50% diorite? | | | | | | | | |
| 37 | remainder epidote garnet ect. with lesser amounts of mica locally. Locally with pyrrhotite | | | | | | | | |
| 37 | Bands of amphibolite and limestone (30-37) | | | | | | | | |
| 72 | with occasional bands of pink felspar. A type of paragneiss. | | | | | | | | |
| 72 | End. | | | | | | | | |
| 18.0 | Amphibolite | | | | | | | | |
| 21 | | | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES Location Maynooth - graphite Section _____
 LAT _____ DEP _____ HOLE NO. 9 TOTAL DEPTH 62'
 ELEVATION 1010.5 SHEET NO. _____ FT. RECOVERED _____
 AZIMUTH _____ DIP 90° DATE BEGUN July 5, 1952 % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED " 7, 1952 SIZE BIT A
Boyles Bros. D.D. - Lennon & Brennan

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|---|------------|---------------|---------------|------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 0 | Casing | | | | | | | | |
| 14 | | | | | | | | | |
| 14 | Amphibolite - medium grained streaks and flakes of amphibole in white matrix. Rock is quite dark generally but has short limy sections. | | | | | | | | |
| 24.2 | | | | | | | | | |
| 24.2 | 90% White limestone, with amphibolitic inclusions | | | | | | | | |
| 24.8 | | | | | | | | | |
| 24.8 | Amphibolite with small limestone bands | | | | | | | | |
| 27.0 | | | | | | | | | |
| 27.0 | Limestone-Calcite and unidentified granular | | | | | | | | |
| 28.8 | bottle green mineral pyroxene | | | | | | | | |
| 28.8 | 80% Pink felspar with bands of amphibolite. | | | | | | | | |
| 31.8 | | | | | | | | | |
| 31.8 | Limestone? granular rock with calcite | | | | | | | | |
| 34.5 | epidote, garnets etc. | | | | | | | | |
| 34.5 | 80% Pinkish felspar with unidentified dark | | | | | | | | |
| 36.2 | mineral grains. | | | | | | | | |
| 36.2 | As 31.8 - 34.5 | | | | | | | | |
| 40.5 | | | | | | | | | |
| 40.5 | Pink felspar | | | | | | | | |
| 41.2 | | | | | | | | | |
| 41.2 | As 31.8 O 34.5 with occasional felspar | | | | | | | | |
| 62 | bands. | | | | | | | | |
| 62 | End. | | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES Location Maynooth - graphite Section _____
 LAT _____ DEP 70° HOLE NO. 10 TOTAL DEPTH 70'
 ELEVATION 1012.1 SHEET NO. _____ FT. RECOVERED 70'
 AZIMUTH _____ DIP 90° DATE BEGUN July 7, 1952 % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED " 7, 1952, SIZE BIT A
Boyles Bros. D.D. - Lemmen & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|---|------------|---------------|---------------|------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 0 | Casing | | | | | | | | |
| 10 | | | | | | | | | |
| 10 | Amphibolite dark stringy, flaky amphibole | | | | | | | | |
| 22.1 | calcite limy matrix biotite and pyrrhotite accessories. | | | | | | | | |
| 22.5 | Limestone-metamorphosed producing wide range of metamorphic minerals limy matrix | | | | | | | | |
| 29 | with 40% unidentified dark minerals, coarser grained and softer than 10-22.5. Locally with heavy concentration of green and amber mica | | | | | | | | |
| 29 | Limestone with apatite? and epidote? Blotchy grey green rock | | | | | | | | |
| 32 | without clear cut crystal outlines of preceding section. | | | | | | | | |
| 32 | Siliceous with bands containing 90% Peg.? | | | | | | | | |
| 34 | | | | | | | | | |
| 34 | Amphibolite. | | | | | | | | |
| 40.5 | | | | | | | | | |
| 40.5 | Limestone with 5.6% good flake graphite | | | | | | | | |
| 43.2 | 3 - 4% mica | | | | | | | | |
| 43.2 | Limestone with disseminated mica and graphite | | | | | | | | |
| 47.4 | and with heavy concentrations of mica locally | | | | | | | | |
| 47.4 | Amphibolite | | | | | | | | |
| 51.6 | | | | | | | | | |
| 51.6 | Limestone with 2 - 3% mica books. Other | | | | | | | | |
| 53.0 | unidentified accessories. | | | | | | | | |
| 53.0 | Amphibolite | | | | | | | | |
| 70 | | | | | | | | | |
| 70 | End. | | | | | | | | |

MCKENZIE RED LAKE GOLD MINES LTD.
DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES _____ Location Maynooth - graphite Section _____
 LAT _____ DEP _____ HOLE NO. 11 TOTAL DEPTH 42'
 ELEVATION 1006.8 SHEET NO. _____ FT. RECOVERED _____
 AZIMUTH _____ DIP 90° DATE BEGUN July 8, 1952. % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED " 9, 1952. SIZE BIT A

Boyles Bros. D.D. - Lennon & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|---|------------|---------------|---------------|------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 0 | Casing | | | | | | | | |
| 11 | | | | | | | | | |
| 11 | Weathered | | | | | | | | |
| 12 | | | | | | | | | |
| 12 | Lime-silicates with accessories | | | | | | | | |
| 14.2 | | | | | | | | | |
| 14.2 | Paragneiss - Lime silicates | | | | | | | | |
| 19.5 | | | | | | | | | |
| 19.5 | Paragneiss - biotite amphybolite | | | | | | | | |
| 28.0 | | | | | | | | | |
| 28.0 | Paragneiss - lime silicates - epidote-dioepside | | | | | | | | |
| 37.5 | | | | | | | | | |
| 37.5 | 50% Graphite | | | | | | | | |
| 38.0 | | | | | | | | | |
| 38 | Limestone 10% graphite - good flake | | | | | | | | |
| 40 | | | | | | | | | |
| 40 | Lost core | | | | | | | | |
| 42 | | | | | | | | | |
| 42 | Broke into old workings | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES

Location Maynooth - graphite

Section _____

LAT _____ DEP _____

HOLE NO. 12

TOTAL DEPTH 85'

ELEVATION 1096.6

SHEET NO. _____

FT. RECOVERED _____

AZIMUTH _____ DIP 90°

DATE BEGUN July 9, 1952.

% RECOVERY _____

HOR. _____ VERT _____

DATE FINISHED " 10, 1952.

SIZE BIT A

Boyles Bros. D.D. - Lennon & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|---|------------|---------------|---------------|------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 0 | Casing | | | | | | | | |
| 10 | | | | | | | | | |
| 10 | Paragneiss - biotite amphybolite | | | | | | | | |
| 12 | | | | | | | | | |
| 12 | Limestone 45 - 45 calcite and scaly | | | | | | | | |
| 16 | "mica" | | | | | | | | |
| 16 | Paragneiss - biotite amphybolite | | | | | | | | |
| 19.5 | | | | | | | | | |
| 19.5 | Lime silicate? Pegmatite? | | | | | | | | |
| 36.0 | (at least locally no contacts) | | | | | | | | |
| 36 | Paragneiss - biotite amphybolite - | | | | | | | | |
| 51.5 | local pegmatite bands | | | | | | | | |
| 51.5 | Siliceous - grey white limy rock - locally | | | | | | | | |
| 57.5 | scaly section (chlorite?) | | | | | | | | |
| 57.5 | Limestone - 10% large flake graphite | | | | | | | | |
| 61.5 | | | | | | | | | |
| 61.5 | As 51.5 - 57.5 | | | | | | | | |
| 65.4 | | | | | | | | | |
| 65.4 | Limestone-graphitic 10% good flake | | | | | | | | |
| 66.4 | | | | | | | | | |
| 66.4 | As 51.5 - 57.5 | | | | | | | | |
| 67.8 | | | | | | | | | |
| 67.8 | As above with coarse pyrrhotite | | | | | | | | |
| 68.0 | | | | | | | | | |
| 68.0 | As 51.5 - 57.5 | | | | | | | | |
| 68.4 | | | | | | | | | |
| 68.4 | Limestone 10% good flake graphite | | | | | | | | |
| 69.0 | | | | | | | | | |
| 69.0 | Paragneiss - grey lime silicate, with scaly chlorite? mica? section | | | | | | | | |
| 85 | and small section biotite amphybolite | | | | | | | | |
| 85 | End. | | | | | | | | |

MCKENZIE RED LAKE GOLD MINES LTD.
DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES _____ Location Maynooth - graphite Section _____
 LAT _____ DEP _____ HOLE NO. 13 TOTAL DEPTH 115'
 ELEVATION 1004.5 SHEET NO. _____ FT. RECOVERED _____
 AZIMUTH _____ DIP 90° DATE BEGUN July 11, 1952 % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED " 16, 1952. SIZE BIT A

Boyles Bros., D.D., Lemon & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|--|------------|---------------|---------------|------|-----------|------|--------|-------|
| | | | | | | SAMP. NO. | FROM | OZ. AU | VALUE |
| 0 | Casing | | | | | | | | |
| 7 | | | | | | | | | |
| 7 | Paragneiss biotite - amphibolite - essentially | | | | | | | | |
| 13.8 | | | | | | | | | |
| 13.8 | 95% Flaky mineral probably scaly chlorite | | | | | | | | |
| 14.3 | | | | | | | | | |
| 14.3 | Paragneiss poorly banded amphibolite and dark | | | | | | | | |
| 26.4 | grey, "muddy" lime silicates | | | | | | | | |
| 26.4 | White - grey lime silicate with garnets? seems to have | | | | | | | | |
| 28.5 | good contacts but apparently not a pegmatite. | | | | | | | | |
| 28.5 | As 14.3 - 26.4 | | | | | | | | |
| 39.0 | | | | | | | | | |
| 37 | Lost core | | | | | | | | |
| 40 | | | | | | | | | |
| 40 | As 14.3 - 26.4 | | | | | | | | |
| 44 | | | | | | | | | |
| 44 | Contact with very coarse pyrrhotite | | | | | | | | |
| 44.6 | | | | | | | | | |
| 44.6 | Limestone 10% large flake graphite | | | | | | | | |
| 50 | | | | | | | | | |
| 50 | Limestone sporadically with large flake graphite | | | | | | | | |
| 55 | | | | | | | | | |
| 55 | As 14.3 - 26.4 | | | | | | | | |
| 58 | | | | | | | | | |
| 58 | Limestone - grey with metamorphic minerals | | | | | | | | |
| 68.5 | but, only tr graphite 66 | | | | | | | | |
| 68.5 | White limestone - gal its - pyrite - Magnetite etc. | | | | | | | | |
| 70.3 | | | | | | | | | |
| 70.3 | Banded dark paragneiss | | | | | | | | |
| 72.6 | | | | | | | | | |
| 72.6 | Limestone - heavy graphite. 30% graphite | | | | | | | | |
| 104.5 | good flake. Continued 1 Aug. 52 and finished. | | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES

Location Maynooth - graphite

Section _____

LAT _____ DEP _____

HOLE NO. 13

TOTAL DEPTH 115'

ELEVATION 1004.5

SHEET NO. 2

FT. RECOVERED _____

AZIMUTH _____ DIP 90°

DATE BEGUN July 11, 1952

% RECOVERY _____

HOR. _____ VERT _____

DATE FINISHED " 16, 1952.

SIZE BIT A

Boyles Area, D.D. - Lannon & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|-------------------------|---|------------|---------------|---------------|------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 104.5 112 | Limestone and lime silicates tr. graphite | | | | | | | | |
| 112 115 | Bio. Amphy. with peg band | | | | | | | | |
| 115 115 | End. | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

LOG BY _____

MCKENZIE RED LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

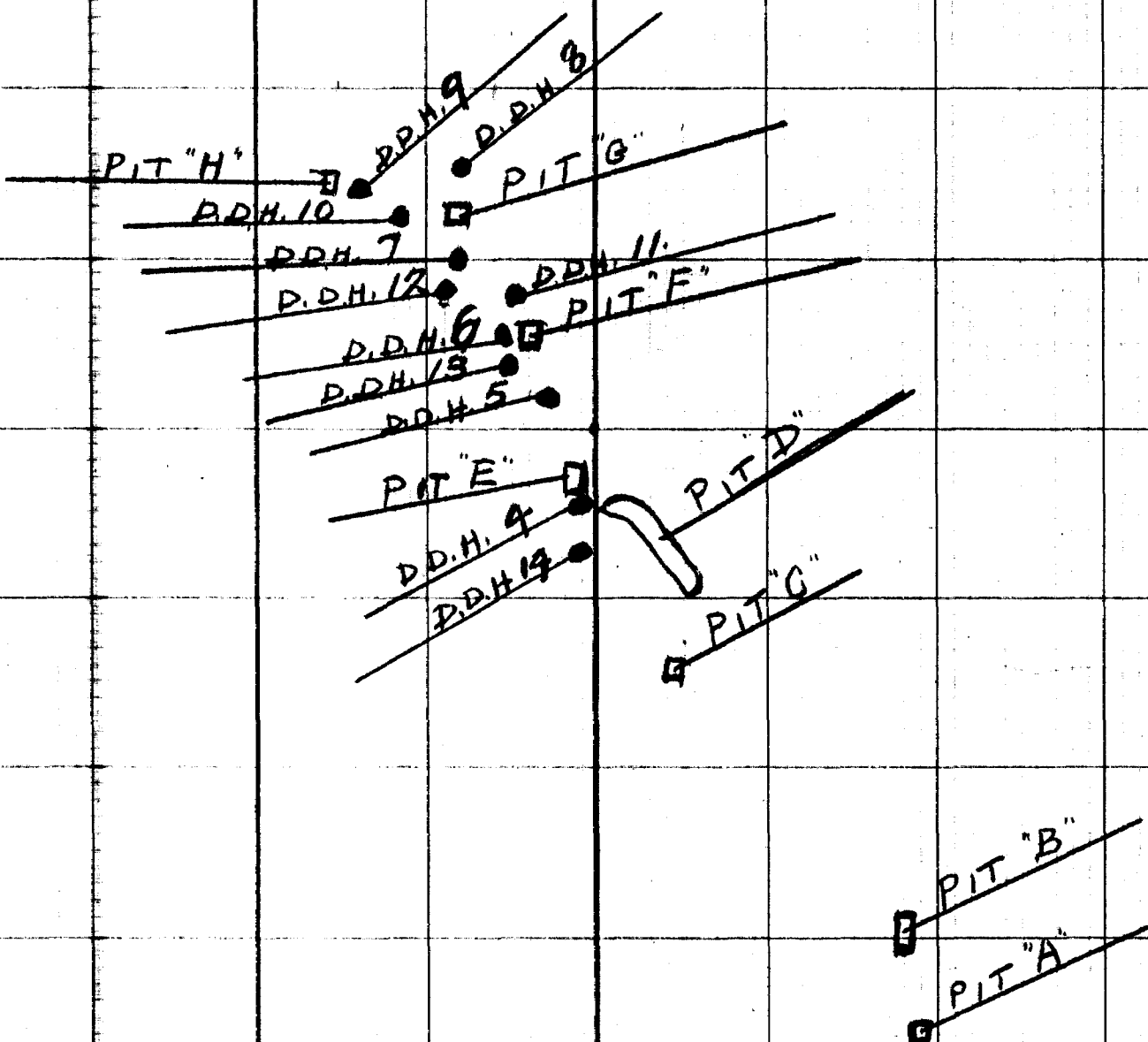
COLLAR CO-ORDINATES _____ Location **Maynooth - graphite** Section _____
LAT _____ DEP _____ HOLE NO. **14** TOTAL DEPTH **131'**
ELEVATION **996.7** SHEET NO. _____ FT. RECOVERED _____
AZIMUTH _____ DIP **90°** DATE BEGUN **July 17, 1952.** % RECOVERY _____
HOR. _____ VERT _____ DATE FINISHED **" 21, 1952.** SIZE BIT **A**
Boyles Bros. D.D. - Lemon & Brown

| DEPTH FEET | FORMATION | SAMPLE NO. | OZ AU PER TON | VALUE PER TON | AVGS | SLUDGES | | | |
|------------|--|------------|---------------|---------------|------|----------|------|-------|-------|
| | | | | | | SAMP.NO. | FROM | OZ.AU | VALUE |
| 0 | Casing | | | | | | | | |
| 7 | | | | | | | | | |
| 7 | Biotite-amphybolite | | | | | | | | |
| 13.5 | | | | | | | | | |
| 13.5 | Lime - silicates - white - locally | | | | | | | | |
| 28.4 | with intense micaceous bands | | | | | | | | |
| 28.4 | Biotite amphybolite with pegmatite | | | | | | | | |
| 43.0 | bands grades to | | | | | | | | |
| 43 | Silicia-biotite amphybolite | | | | | | | | |
| 48 | | | | | | | | | |
| 48 | Grey lime silicates with various accessories | | | | | | | | |
| 79 | and inclusions | | | | | | | | |
| 79 | Paragneiss well banded pegmatitic and | | | | | | | | |
| 83 | amphybolitic, | | | | | | | | |
| 83 | Biotite amphybolite | | | | | | | | |
| 97.5 | | | | | | | | | |
| 97.5 | Biotite amphybolite with pegmatitic bands | | | | | | | | |
| 131 | | | | | | | | | |
| 131 | End. | | | | | | | | |

LOG BY _____

* 318 DAYS WORK RECORDED ON EACH
 OF EO 5500-01 - AUG. 18, 1954
 FOR 8 D.D. HOLES 1/4" DIAM.

3300 FT



LOT

24

LOT

23

M.C. EO-5501

M.C. EO-5500

660 FT

660 FT

SKETCH PLAN
 LOCATION OF WORK
 MINING CLAIMS - EO.5500 AND EO.5501
 KNOWN AS LOT-24 CONCESSION 18,
 TOWNSHIP OF MONTEAGLE
 COUNTY OF HASTINGS