

# MONTEAGLE TWP.

X ONT. A.Z. J

MINING LAND  
DATE OF ISSU  
NOV 19 197  
MINISTRY  
OF NATURAL RES

PLAN NO. - V

MINISTRY OF NATURAL  
SURVEYS AND MAPPING

VII

VI

V

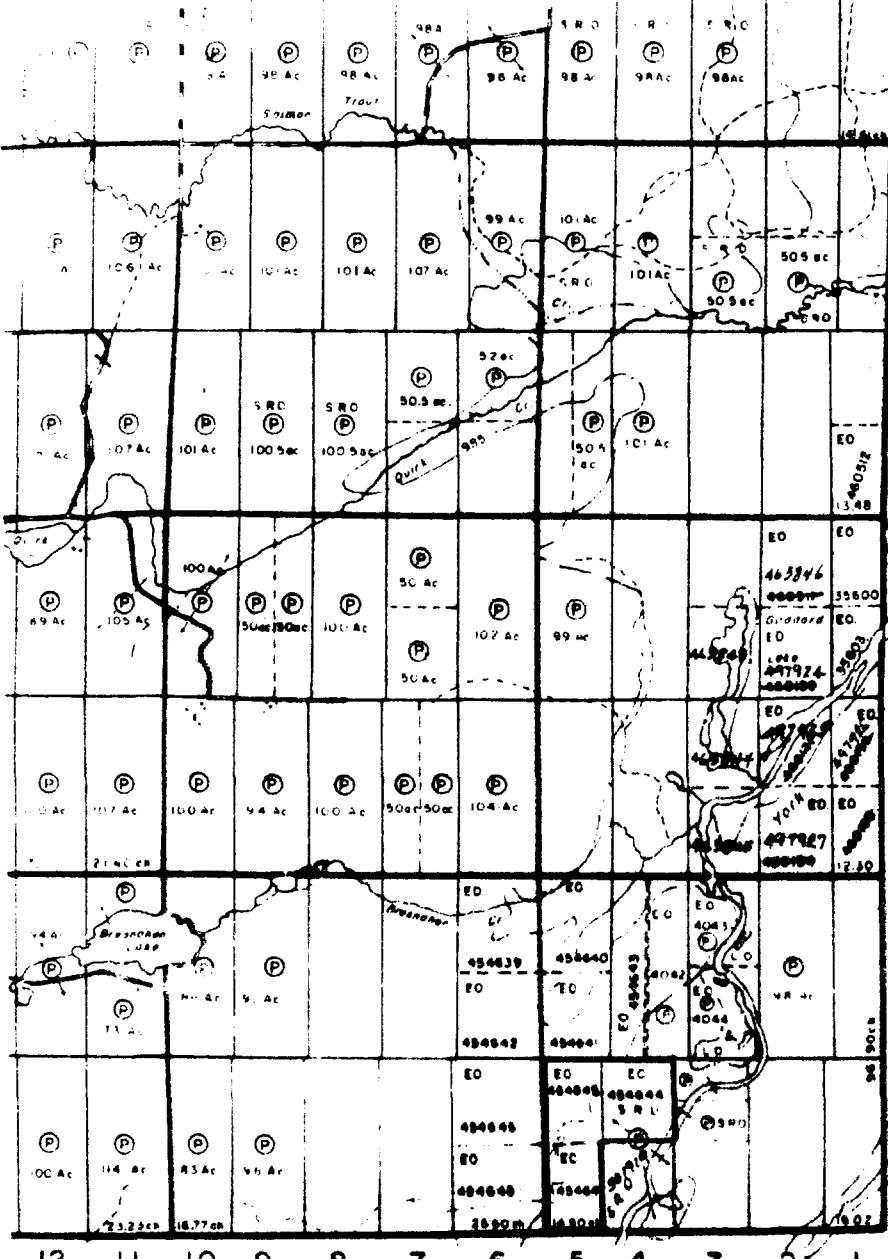
IV

III

II



Nat.



31F04NE0005 63 MONTEAGLE

010

MINES RECORDS OFFICE - TORONTO  
**RECEIVED**  
 AUG 4 - 1976

PROPERTY FOREFRONT URANIUM MINES LTD. PAGE 1 (OF 1)  
MONTEAGLE TWP. ONTARIO  
 CLAIM EO 45464,  
 LOCATION 1 FOOT SOUTH OF MELL-QUIRK BEARING 280° T HOLE NO. 7C-1  
 HOLE NO. 8  
 LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -45° FINAL DEPTH 145.5 FEET  
 STARTED MAY 31ST, 1976 TESTS (CORRECTED) \_\_\_\_\_  
 FINISHED JUNE 2, 1976  
 CASING PULLED  
 CORE SIZE AXT (1 1/4 INCHES)

MINES RECORDS OFFICE - TORONTO  
**RECEIVED**  
 NONE AUG 4 - 1976  
 ALL 720,10,11,12,123,45

FROM	TO	DESCRIPTION
0.0	8.0	<u>CASING</u> (6.5 FEET SANDY OVERBURDEN)
6.5	18.8	<u>DARK GNEISS</u> MEDIUM GRAINED. FOLIATION 80° TO CORE
18.8	19.3	<u>SAND SEAM</u> (OVERBURDEN?)
19.3	30.4	<u>LIMESTONE</u> LIGHT GREY. FINE GRAINED. 80° TO CORE. IMPURE. FIZZES GENTLY IN DILUTE HCL.
30.4	33.0	<u>PEGMATITE</u> TOTAL GAMMA COUNT = 1000-1500 CPM.
33.0	53.2	<u>LIMESTONE</u> CREAM-COLOURED. DENSE. SCATTERED SMALL BLEBS OF A SILVERY MINERAL WITH A WHITE STREAK. FIZZES STRONGLY IN DILUTE HCL.
53.2	73.6	<u>LIMESTONE</u> LIGHT GREY. FINE GRAINED. VAGUELY BEDDED. FIZZES GENTLY IN DILUTE HCL.
73.6	75.1	<u>AMPHIBOLITE</u> GREEN-GREY. SCHISTOSE @ 80° TO CORE.
75.1	77.0	<u>PEGMATITE</u> TOTAL GAMMA COUNT = 2000-7500 CPM.
77.0	91.3	<u>AMPHIBOLITE</u> GREY. MEDIUM GRAINED.
91.3	100.3	<u>PEGMATITE</u> TOTAL GAMMA COUNT = 2000-6000 CPM URANIUM + THORIUM = 100-170 CPM THORIUM ONLY ..... = 5 CPM
100.3	102.4	<u>LIMESTONE</u> DARK GREY.
102.4	105.3	<u>PEGMATITE</u> TOTAL GAMMA COUNT = 2000-5000 CPM
105.3	130.0	<u>LIMESTONE</u> DARK GREY. FIZZES GENTLY IN DILUTE HCL.
130.0	145.5	<u>QUARTZITE</u> LIGHT GREY. HARD. FINE GRAINED.
	145.5	<u>END OF HOLE</u>

*Ross Kidd*

HOLE NO. 76-1

SAMPLE LIST

HOLE 76-1

<u>SAMPLE NO.</u>	<u>FOOTAGE</u>		<u>CORE LENGTH (FEET)</u>	<u>% U<sub>3</sub>O<sub>8</sub></u>	<u>POUNDS U<sub>3</sub>O<sub>8</sub></u>
	<u>FROM</u>	<u>TO</u>			
1	30.5	33.2	2.7	TRACE	TRACE
2	75.1	76.9	1.8	0.055	0.11
3	91.4	95.0	3.6	0.015	0.30
4	95.0	100.3	5.3	0.025	0.50
14	102.4	105.3	2.9	0.015	0.30
<u>WEIGHTED AVERAGE</u>	91.4	100.3	8.9	0.0209%	0.418 LBS.

PROPERTY FOREFRONT URANIUM MINES LIMITED  
MONTEAGLE TWP. ONTARIO

LOCATION CLAIM E0 454644 - SEE DRILL PLAN BEARING 280°T HOLE NO. 76-2

LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -45° FINAL DEPTH 150.0 FEET

STARTED JUNE 3, 1976 TESTS (CORRECTED) \_\_\_\_\_

FINISHED JUNE 7, 1976 NONE

CASING PULLED

CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	10.0	<u>CASING</u> (8 FEET SANDY OVERBURDEN)
8.0	24.3	<u>DARK GNEISS</u> FINE TO MEDIUM GRAINED. FOLIATED @ 80° TO CORE. MICACEOUS AND SILICEOUS.
24.3	24.5	<u>SAND SEAM</u>
24.5	80.3	<u>LIMESTONE</u> CREAM-COLOURED. MEDIUM GRAINED. DENSE. OCCASIONAL 1"-6" DARK TALCOSE SECTION. 28.4 - 28.6: SAND SEAM
80.3	81.2	<u>AMPHIBOLITE</u> GREEN. DARK GREEN MOTTLING.
81.2	83.1	<u>PEGMATITE</u> TOTAL GAMMA COUNT = 5000-9000 CPM URANIUM + THORIUM = 100-160 CPM
83.1	83.8	<u>AMPHIBOLITE</u>
83.8	85.4	<u>PEGMATITE</u>
85.4	90.4	<u>AMPHIBOLITE</u>
90.4	92.4	<u>PEGMATITE</u> TOTAL GAMMA COUNT = 5000-11000 CPM URANIUM + THORIUM = 100-150 CPM
92.4	98.7	<u>AMPHIBOLITE</u>
98.7	111.6	<u>PEGMATITE</u> TOTAL GAMMA COUNT = 5000-12000 CPM URANIUM + THORIUM = 100-180 CPM
111.6	142.7	<u>LIMESTONE</u> GREY. BEDDED @ 85° TO CORE. FIZZES STRONGLY IN DILUTE HCL. MICACEOUS.
142.7	150.0	<u>QUARTZITE</u> LIGHT GREY. FINE GRAINED. DENSE. HARD.
	150.0	<u>END OF HOLE</u>

*Ross Kidd*

HOLE NO. **76-2**

SAMPLE LIST

HOLE 76-2

<u>SAMPLE No.</u>	<u>FROM</u>	<u>FOOTAGE</u> <u>To</u>	<u>CORE LENGTH (FEET)</u>	<u>%U<sub>3</sub>O<sub>8</sub></u>	<u>LBS. U<sub>3</sub>O<sub>8</sub></u>
5	81.2	83.1	1.9	0.045	0.90
6	83.8	85.4	1.6	0.030	0.60
7	90.4	92.4	2.0	0.020	0.40
8	98.7	105.0	6.3	0.005	0.10
9	105.0	111.6	6.6	0.010	0.20
<u>WEIGHTED AVERAGE</u>	98.7	111.6	12.9	0.0075%	0.150 LBS.

PROPERTY

FOREFRONT URANIUM MINES LIMITED  
MONTEAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM EO 454644 - SEE DRILL PLAN BEARING 280°T HOLE NO. 76-3A  
(SAME SET-UP AS HOLES 76-3 AND 76-4)

LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -45° FINAL DEPTH 35.0 FEET

STARTED JUNE 8, 1976 TESTS (CORRECTED)

FINISHED JUNE 8, 1976

CASING PULLED NONE

CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	2.8	<u>CASING</u> (1.3 FEET SANDY OVERBURDEN)
1.3	20.0	<u>LIMESTONE</u> LIGHT GREY. MICACEOUS. FINE GRAINED. FIZZES GENTLY IN DILUTE HCL.
20.0	35.0	<u>SAND</u>  THE HOLE WAS CASED TO 28 FEET IN SAND, AND THE RODS WERE THEN RUN AHEAD TO 35 FEET, STILL IN SAND. IT WAS CONCLUDED THAT THE HOLE HAD RUN OUT INTO OVERBURDEN DUE TO A SHARP DROP-OFF OF THE BEDROCK CONTOUR, AND THE HOLE WAS ABANDONED.  HOLE 76-3 WAS COLLARED FROM THE SAME SET-UP, AT AN ANGLE OF -70°.

*Ross Kidd*

HOLE NO. 76-3A

PROPERTY FOREFRONT URANIUM MINES LIMITED  
MONTEAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM EO 454644 - SEE DRILL PLAN BEARING 280° HOLE NO. 76-3

LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -70° FINAL DEPTH 196.3 FEET

STARTED JUNE 8, 1976 TESTS (CORRECTED) \_\_\_\_\_

FINISHED JUNE 16, 1976

CASING PULLED NONE

CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	5.5	<u>CASING</u> (2.5 FEET SANDY OVERBURDEN)
2.5	20.6	<u>LIMESTONE</u> LIGHT GREY, MICACEOUS, FINE GRAINED. FIZZES GENTLY IN DILUTE HCL.
20.6	20.9	<u>SAND SEAM</u>
20.9	91.6	<u>LIMESTONE</u> CREAM COLOURED, DENSE, FIZZES STRONGLY IN DILUTE HCL. BECOMING DARKER TOWARDS END OF SECTION.
91.6	108.0	<u>PEGMATITE</u> TOTAL GAMMA COUNT = 3500-6700 cpm URANIUM + THORIUM = 110-180 cpm THORIUM ONLY .... = 5-20 cpm
108.0	137.2	<u>LIMESTONE</u> GREY, IMPURE, BEDDED @ 60° TO CORE. MICACEOUS, MEDIUM GRAINED, FIZZES GENTLY IN DILUTE HCL.
137.2	143.3	<u>QUARTZITE</u> LIGHT GREY, FINE GRAINED, DENSE, HARD.
143.3	147.2	<u>AMPHIBOLITE</u> DARK GREEN, MEDIUM GRAINED, CONSIDERABLE CALCITE IN VEINLETS. SCHISTOSE @ 55° TO CORE.
147.2	196.3	<u>QUARTZITE</u> LIGHT GREY, FINE GRAINED, DENSE, HARD.
	196.3	<u>END OF HOLE</u>

*Ross Kidd*

HOLE NO. **76-3**

SAMPLE LIST

HOLE 76-3

<u>SAMPLE No.</u>	<u>FOOTAGE</u>		<u>CORE LENGTH (FEET)</u>	<u>% U<sub>3</sub>O<sub>8</sub></u>	<u>POUNDS U<sub>3</sub>O<sub>8</sub></u>
	<u>FROM</u>	<u>To</u>			
10	91.6	95.0	3.4	0.020	0.40
11	95.0	100.0	5.0	0.015	0.30
12	100.0	105.0	5.0	0.035	0.70
13	105.0	108.0	3.0	0.010	0.20
<u>WEIGHTED AVERAGE</u>	91.6	108.0	16.4	0.0212%	0.424 LBS.



PROPERTY FOREFRONT URANIUM MINES LIMITED  
MONTEAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM EO 454644 - SEE DRILL PLAN BEARING 100°T HOLE NO. 76-4  
(SAME SET-UP AS HOLE 76-3)

LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -45° FINAL DEPTH 151.0 FEET

STARTED JUNE 16, 1976 TESTS (CORRECTED) \_\_\_\_\_

FINISHED JUNE 18, 1976

CASING PULLED NONE

CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	3.0	<u>CASING</u> (2.0 FEET SANDY OVERBURDEN)
2.0	21.6	<u>LIMESTONE</u> LIGHT GREY. MICACEOUS. DENSE. FIZZES GENTLY IN DILUTE HCL.
21.6	101.0	<u>LIMESTONE</u> DARK. ABUNDANT BLACK BIOTITE. SOME SECTIONS CARRY BROWN PHLOGOPITE INSTEAD OF BIOTITE. MEDIUM TO FINE GRAINED. FIZZES STRONGLY IN DILUTE HCL.  65' - 73': SOME MILD PEGMATIZATION, WITH MINOR PATCHY PYRITE. TOTAL GAMMA COUNTS ONLY SLIGHTLY ABOVE BACKGROUND (800 - 1100 CPM)
101.0	111.3	<u>QUARTZITE</u> LIGHT GREY. FINE GRAINED. DENSE. HARD.
111.3	151.0	<u>LIMESTONE</u> DARK. FIZZES GENTLY IN DILUTE HCL.
	151.0	<u>END OF HOLE</u>

*Ross Kidd*

HOLE NO. **76-4**

PROPERTY FOREFRONT URANIUM MINES LIMITED  
MONTEAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM EO 454644 - SEE DRILL PLAN BEARING 280°T HOLE NO. 76-5A  
 (SAME SET-UP AS HOLE 76-5)

LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -45° FINAL DEPTH 29.0 FEET

STARTED JUNE 18, 1976 TESTS (CORRECTED) \_\_\_\_\_

FINISHED JUNE 18TH, 1976

CASING PULLED NONE

CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	5.0	<u>CASING</u> (3.0 FEET SAND OVERBURDEN)
3.0	20.7	<u>LIMESTONE</u> LIGHT GREY. MICACEOUS. BEDDED @ 80° TO CORE.
20.7	29.0	<u>SAND</u>
	29.0	<u>END OF HOLE</u>

DRILLED AHEAD TO 29.0 FEET, STILL IN SAND.  
 CONCLUDED THAT THE HOLE HAD RUN OUT INTO THE  
 OVERBURDEN, ABANDONED HOLE, AND STARTED HOLE  
 76-5 AT -70° FROM THE SAME SET-UP.

*Ross Kidd*

HOLE NO. **76-5A**

PROPERTY FOREFRONT URANIUM MINES LIMITED  
MONTAGLE TWP. ONTARIO

LOCATION CLAIM EO 454644 - SEE DRILL PLAN BEARING 280° T HOLE NO. 76-5  
O. F. CARTER AND  
 LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -70° FINAL DEPTH 154.0 FEET  
 STARTED JUNE 18TH, 1976 TESTS (CORRECTED) \_\_\_\_\_  
 FINISHED JUNE 21ST, 1976  
 CASING PULLED NONE  
 CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	5.0	<u>CASING</u> (3.0 FEET SAND OVERBURDEN)
3.0	25.4	<u>LIMESTONE</u> LIGHT GREY. MICACEOUS.
25.4	25.9	<u>SAND SEAM</u>
25.9	57.0	<u>LIMESTONE</u> CREAM COLOURED. DENSE. OCCASIONAL 6 INCH INCLUSION OF AMPHIBOLITE.
57.0	60.0	<u>PEGMATITE</u> TOTAL GAMMA COUNT AVERAGES 9,000 CPM.
60.0	104.0	<u>LIMESTONE</u> CREAM-WHITE. ABUNDANT BIOTITE IN FLAKES AND SEAMS.
104.0	105.5	<u>CALCITE</u> PINK. A LITTLE FERROMAG CONTENT.
105.5	109.0	<u>PEGMATITE</u> 105.5 - 106.5: ONE 2" SECTION HAS TOTAL GAMMA COUNT OF 150,000 CPM. AVERAGE COUNT IS ABOUT 12,000 CPM. 106.5 - 109.0: AVERAGE COUNT ABOUT 15,000 CPM.
109.0	112.5	<u>LIMESTONE</u> DARK GREY. CONSIDERABLE BIOTITE.
112.5	117.5	<u>PEGMATITE</u> ONE SPOT REGISTERS UP TO 90,000 CPM, THE REST AVERAGES ABOUT 15,000 CPM.
117.5	123.0	<u>MIXED PEGMATITE AND GNEISS</u> COUNTS A LITTLE ABOVE BACKGROUND.
123.0	154.0	<u>MIXED LIMESTONE, BANDS OF PEGMATITE, AND QUARTZITE</u> LIMESTONE CARRIES BIOTITE. PEGMATITE IS IN NARROW BANDS AND SPOTS. HOLE ENDS IN QUARTZITE.
154.0		<u>END OF HOLE</u> <u>LOST CORE</u> <i>Ross Kidd</i> 118.0-119.0, 138.0-138.8, 148.0-148.8

HOLE NO. **76-5**

SAMPLE LIST

HOLE 76-5

<u>SAMPLE</u> <u>NO.</u>	<u>FOOTAGE</u>		<u>CORE</u> <u>LENGTH</u> <u>(FEET)</u>	<u>%</u> <u>U<sub>3</sub>O<sub>8</sub></u>	<u>POUNDS</u> <u>U<sub>3</sub>O<sub>8</sub></u>
	<u>FROM</u>	<u>TO</u>			
15	57.0	60.0	3.0	0.015	0.30
16	105.5	106.5	1.0	0.36	7.20
17	106.5	109.0	2.5	0.010	0.20
18	112.5	117.5	5.0	0.020	0.40
<u>WEIGHTED</u> <u>AVERAGES</u>	105.5	109.0	3.5	0.11	2.20
(ASSUMING THAT 109.0 - 112.5 RUNS NIL U <sub>3</sub> O <sub>8</sub> )	105.5	117.5	12.0	0.0404	0.808

PROPERTY FOREFRONT URANIUM MINES LTD.  
MONTEAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM EO 454644- SEE DRILL PLAN BEARING 280°T HOLE NO. 76-6  
O. F. CARTER AND

LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -50° FINAL DEPTH 150.0 FEET

STARTED JUNE 21ST, 1976 TESTS (CORRECTED) \_\_\_\_\_

FINISHED JUNE 23RD, 1976

CASING PULLED NONE

CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	3.0	<u>CASING</u>
3.0	37.0	<u>GNEISS</u> DARK. MUCH BIOTITE. SHEARING @ 45° TO CORE.
37.0	39.0	<u>SAND SEAM</u> NO CORE.
39.0	86.0	<u>LIMESTONE</u> WHITISH. BIOTITE IN BANDS AND SPECKS. 50 - 53: LOST. SANDY FAULT. BECOMING VERY LIGHT TOWARDS 86'.
86.0	90.0	<u>PEGMATITE</u> MEDIUM GRAINED. PINKISH. SLIGHTLY RADIOACTIVE, HIGHEST 6,000 CPM.
90.0	101.0	<u>LIMESTONE</u>
101.0	107.0	<u>PEGMATITE</u> COARSE GRAINED. PINK. DARK SPOTS. TOTAL GAMMA COUNT 12,000-15,000 CPM.
107.0	112.0	<u>AMPHIBOLITE</u> DARK GREENISH.
112.0	115.0	<u>PEGMATITE</u> AS ABOVE. ONE SPOT COUNTS 80,000 CPM, THE REST AVERAGES 15,000 CPM.
115.0	150.0	<u>LIMESTONE</u> DARK GREY. MICACEOUS.
	150.0	<u>END OF HOLE</u>

LOST CORE

12.0 - 12.7      43.0 - 43.7  
 50.0 - 53.0      108.0 - 108.5

*Ross Kidd*

HOLE NO. **76-6**

SAMPLE LIST

HOLE 76-6

<u>SAMPLE No.</u>	<u>FOOTAGE</u>		<u>CORE LENGTH (FEET)</u>	<u>% U<sub>3</sub>O<sub>8</sub></u>	<u>POUNDS U<sub>3</sub>O<sub>8</sub></u>
	<u>FROM</u>	<u>TO</u>			
19	101.0	107.0	6.0	0.045	0.90
20	112.0	115.0	3.0	0.065	1.30
<u>WEIGHTED AVERAGES</u>	101.0	115.0	14.0	0.0332	0.664

(ASSUMING THAT 107.0 - 112.0 RUNS NIL U<sub>3</sub>O<sub>8</sub>)

PROPERTY FOREFRONT URANIUM MINES LTD.  
MONTEAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM EO 454644 - SEE DRILL PLAN BEARING 280°T HOLE NO. 76-7

LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -50° FINAL DEPTH 162.5 FEET

STARTED JUNE 23, 1976 TESTS (CORRECTED) \_\_\_\_\_

FINISHED JUNE 29, 1976

CASING PULLED NONE

CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	22.0	<u>CASING</u>
22.0	79.0	<u>LIMESTONE</u> CREAMY-BROWN. IMPURE. FIZZES GENTLY IN DILUTE HCL. OCCASIONAL INCLUSIONS OF AMPHIBOLITE IN ONE INCH TO 1 1/2 FOOT LENGTHS. A LITTLE BIOTITE.
79.0	83.9	<u>AMPHIBOLITE</u> DARK GREEN. MOTTLED.
83.9	87.9	<u>PEGMATITE</u> TOTAL GAMMA COUNTS UP TO TWICE BACKGROUND ONLY. URANIUM + THORIUM COUNTS ARE 20-30 CPM.
87.9	110.8	<u>LIMESTONE</u> DARK GREY. FIZZES STRONGLY IN DILUTE HCL. SOME NARROW PEGMATITE DIKELETS IN FIRST THREE FEET - BACKGROUND RADIOACTIVITY ONLY. ABUNDANT BIOTITE AND PHLOGOPITE.
110.8	151.1	<u>GRANITE</u> COARSE ROCK, MADE UP LARGELY OF QUARTZ, WITH ACCOMPANYING BIOTITE. A LITTLE BLEBBY PYRITE AND PYRRHOTITE, USUALLY ALONG JOINTS.
151.1	154.2	<u>AMPHIBOLITE</u> CONTORTED. MICA-RICH.
154.2	162.5	<u>QUARTZITE</u> A LITTLE LIMY AT FIRST, THEN BECOMING HARD, FINE GRAINED, GREY, DENSE.
	162.5	<u>END OF HOLE</u>

*Ross Kidd*

HOLE NO. **76-7**

SAMPLE LIST

HOLE 76-7

<u>SAMPLE</u> <u>No.</u>	<u>FOOTAGE</u>		<u>CORE</u> <u>LENGTH</u> <u>(FEET)</u>	<u>%</u> <u><del>U<sub>3</sub>O<sub>8</sub></del></u>	<u>POUNDS</u> <u><del>U<sub>3</sub>O<sub>8</sub></del></u>
	<u>FROM</u>	<u>TO</u>			
21	83.9	87.9	4.0	NIL	NIL
22	87.9	91.0	3.1	NIL	NIL
<u>WEIGHTED</u> <u>AVERAGES</u>	83.9	91.0	7.1	NIL	NIL



PROPERTY

FOREFRONT URANIUM MINES LTD.  
MONTEAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM EO 454E44 - SEE DRILL PLAN BEARING 280° T HOLE NO. 76-8

LOGGED BY O. F. CARTER ELEVATION \_\_\_\_\_ DIP -60° FINAL DEPTH 200.0 FT.

STARTED JUNE 30TH, 1976 TESTS (CORRECTED)

FINISHED JULY 8TH, 1976

CASING PULLED NONE

CORE SIZE AXT (1 3/4")

FROM	TO	DESCRIPTION
0.0	5.0	<u>CASING</u>
5.0	9.0	<u>GNEISS</u> GREY TO DARK. BIOTITIC.
9.0	14.0	<u>SAND SEAM</u> NO CORE.
14.0	36.0	<u>GNEISS</u> , AS ABOVE.
36.0	39.0	<u>AMPHIBOLITE</u> DARK. UNIFORM. CONTACTS @ 70°.
39.0	47.0	<u>GNEISS</u> , AS ABOVE.
47.0	49.0	<u>AMPHIBOLITE</u> , AS ABOVE.
49.0	67.0	<u>GNEISS</u> , AS ABOVE. 4" AMPHIBOLITE @ 59'.
67.0	101.0	<u>LIMESTONE</u> GREY-WHITE. CONSIDERABLE BIOTITE.
101.0	103.0	<u>GNEISS</u> , AS ABOVE. <span style="float: right;">86'-6" <u>LOST CORE</u> 91'-10", 93'-12</span>
103.0	105.0	<u>LIMESTONE</u> 70° CONTACTS.
105.0	111.0	<u>GNEISS</u>
111.0	120.0	<u>LIMESTONE</u>
120.0	121.0	DARK, GREENISH, DIKE-LIKE MATERIAL.
121.0	123.5	<u>PEGMATITE</u> REDDISH. TOTAL GAMMA COUNT FROM 4-6 TIMES BACKGROUND. SPOTS OF GREY-SILVERY MINERAL UP TO 5 <sub>0</sub> MM ASSOCIATED WITH RADIOACTIVITY. 50° CONTACTS.
123.5	126.0	SAME AS 120-121.
126.0	138.0	<u>PEGMATITE</u> AVERAGE TOTAL GAMMA COUNT 3 TIMES BACKGROUND. ONE SPOT 6 TIMES BACKGROUND, AND ONE SPOT 4 TIMES. 50-60° CONTACTS.
138.0	181.0	<u>MIXED HYBRID GNEISS AND PEGMATITES</u> ONLY VERY LOW COUNTS. 152' - 10" PINK CALCITE.
181.0	200.0	<u>QUARTZITE</u> GREY. BIOTITE IN FINE GNEISSIC BANDING.
200.0	200.0	<u>END OF HOLE</u>

HOLE NO. 76-8

*O. F. Carter, P. Eng.*

SAMPLE LIST

HOLE 76-8

<u>SAMPLE No.</u>	<u>FOOTAGE</u>		<u>CORE LENGTH (FEET)</u>	<u>% U<sub>3</sub>O<sub>8</sub></u>	<u>POUNDS U<sub>3</sub>O<sub>8</sub></u>
	<u>FROM</u>	<u>TO</u>			
23	121.0	123.5	2.5	0.055	1.10
24	126.0	132.0	6.0	0.010	0.20
25	132.0	138.0	6.0	0.025	0.50
<u>WEIGHTED AVERAGES</u>	126.0	138.0	12.0	0.0175	0.35
(ASSUMING THAT 123.5- 126.0 RUNS NIL U <sub>3</sub> O <sub>8</sub> )	121.0	138.0	17.0	0.0204	0.408

PROPERTY FOREFRONT URANIUM MINES LTD.  
MONTEAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM EO 454647 - SEE DRILL PLAN BEARING 280°T HOLE NO. 76-9

LOGGED BY O. F. CARTER AND ROSS KIDD ELEVATION \_\_\_\_\_ DIP -45° FINAL DEPTH 247.0 FT.

STARTED JULY 9TH, 1976 TESTS (CORRECTED) \_\_\_\_\_

FINISHED JULY 14TH, 1976

CASING PULLED NONE

CORE SIZE AXT

FROM	TO	DESCRIPTION
0.0	15.0	<u>CASING</u>
15.0	32.0	<u>QUARTZITE</u>
32.0	53.0	<u>GNEISS</u> BIOTITIC. SOME INCLUDED QUARTZITE BANDS.
53.0	73.0	<u>BIOTITE SCHIST</u> DARK. UNIFORM. MINOR DARK QUARTZ STRINGERS.
73.0	85.5	<u>PEGMATITE</u> COARSE. PINK. 90° CONTACTS. NO RADIOACTIVITY.
85.5	92.0	<u>BIOTITE SCHIST</u> , AS ABOVE.
92.0	101.0	<u>PEGMATITE</u> , AS ABOVE. 96' - 14" BIOTITE SCHIST.
101.0	104.0	<u>SCHIST</u> DARK. UNIFORM.
104.0	110.0	<u>PEGMATITE</u> AVERAGE TOTAL GAMMA COUNT TWO TO THREE TIMES BACKGROUND. OCCASIONAL SPOT UP TO FIVE TIMES BACKGROUND.
110.0	137.5	<u>MIXED QUARTZITE AND GREYWACKE</u>
137.5	141.5	<u>PEGMATITE</u> TOTAL GAMMA COUNT TWO TO THREE TIMES BACKGROUND, ON AVERAGE.
141.5	154.0	<u>QUARTZITE</u> GREY. CRYSTALLINE. MINOR BIOTITE. IMPURE.
154.0	205.9	<u>LIVESTONE</u> LIGHT GREY. FIZZES STRONGLY IN DILUTE HCL. MICACEOUS. SPLASHES OF PYRRHOTITE @ 174'. BECOMING CREAM-COLOURED IN LAST FEW FEET.
205.9	247.0	<u>QUARTZ-CARBONATE BRECCIA</u> ABOUT 1/2 QUARTZ-CARBONATE AND 1/2 MAFIC MINERALS. SOME LARGE FRAGMENTS UP TO 1/2 INCH, AND MANY SMALL FRAGMENTS DOWN TO 1/16". CONSIDERABLE BROWN MICA.
	247.0	<u>END OF HOLE</u>

*Ross Kidd*

HOLE NO. **76-9**

SAMPLE LIST

HOLE 76-9

<u>SAMPLE NO.</u>	<u>FOOTAGE</u>		<u>CORE LENGTH</u> (FEET)	<u>%</u> <u>U<sub>3</sub>O<sub>8</sub></u>	<u>POUNDS</u> <u>U<sub>3</sub>O<sub>8</sub></u>
	<u>FROM</u>	<u>TO</u>			
26	104.0	110.0	6.0	0.010	0.20
27	137.5	141.5	4.0	TRACE	TRACE

PROPERTY FOREFRONT URANIUM MINES LTD.  
MONTAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM E0 454644 - SEE DRILL PLAN BEARING 280°T HOLE NO. 76-10  
AND E0 454645

LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -45° FINAL DEPTH 285.1 FEET

STARTED JULY 15, 1976 TESTS (CORRECTED) \_\_\_\_\_

FINISHED JULY 22, 1976 \_\_\_\_\_ NONE

CASING \_\_\_\_\_

CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	16.8	<u>CASING</u> SAND AND GRAVEL.
16.8	110.5	<u>LIMESTONE</u> LIGHT GREY. FIZZES STRONGLY IN DILUTE HCL. ABUNDANT BLACK AND BROWN MICA. MINOR GARNETS. INDISTINCT BEDDING @ 80° TO CORE.
110.5	140.0	<u>QUARTZITE</u> IMPURE. MEDIUM GRAINED. DENSE.
140.0	152.3	<u>LIMESTONE</u> LIGHT GREY. ABUNDANT BROWN MICA.
152.3	162.8	<u>PEGMATITE</u> TOTAL GAMMA COUNT AVERAGES ABOUT TWICE BACKGROUND, WITH SMALL SPOTS UP TO FOUR TIMES BACKGROUND.  ROCK IS MADE UP OF QUARTZ AND COARSE WHITE FELDSPAR (WHICH SOMETIMES DISPLAYS A SLIGHT BLUISH IRRIDESCENCE)
162.8	195.5	<u>LIMESTONE</u> LIGHT GREY. ABUNDANT BROWN MICA. VERY OCCASIONAL BLEB OF PYRITE. FIZZES STRONGLY IN DILUTE HCL.
195.5	285.1	<u>LIMESTONE</u> IMPURE. FIZZES GENTLY IN DILUTE HCL. LIGHT GREY TO WHITISH. MUCH LESS MICA CONTENT THAN PREVIOUS SECTION. MINOR GARNETS. OCCASIONAL 2'-4' SECTION OF COARSE CALCITE.
	285.1	<u>END OF HOLE</u>
		<u>GROUND CORE</u>
		178.6 - 179.8      184.1 - 184.7

*Ross Kidd*

HOLE NO. **76-10**

SAMPLE LIST

HOLE 76-10

<u>SAMPLE</u> <u>No.</u>	<u>FOOTAGE</u>		<u>CORE</u> <u>LENGTH</u> <u>(FEET)</u>	<u>%</u> <u><del>U<sub>3</sub>O<sub>8</sub></del></u>	<u>POUNDS</u> <u><del>U<sub>3</sub>O<sub>8</sub></del></u>
	<u>FROM</u>	<u>TO</u>			
28	152.3	155.0	2.7	0.010	0.20
29	155.0	160.0	5.0	0.010	0.20
30	160.0	162.8	2.8	0.010	0.20
<u>WEIGHTED</u> <u>AVERAGES</u>	152.3	162.8	10.5	0.010	0.20

PROPERTY FOREFRONT URANIUM MINES LIMITED  
MONTEAGLE TWP. ONTARIO

PAGE 1 (OF 1)

LOCATION CLAIM EO 454644 - SEE DRILL PLAN BEARING 280°T HOLE NO. 76-11

LOGGED BY ROSS KIDD ELEVATION \_\_\_\_\_ DIP -70° FINAL DEPTH 206.5 FT.

STARTED JULY 23RD, 1976 TESTS (CORRECTED) \_\_\_\_\_

FINISHED JULY 28TH, 1976

CASING PULLED NONE

CORE SIZE AXT (1 1/4")

FROM	TO	DESCRIPTION
0.0	17.2	<u>CASING</u>
17.2	31.0	<u>GNEISS</u> CONSIDERABLE BLOTCHY CALCITE. FOLIATED AT 65° TO CORE.
31.0	43.5	<u>AMPHIBOLITE</u> DARK GREEN, WITH WHITE STREAKS. FOLIATED AT 65° TO CORE.
43.5	47.8	<u>GNEISS</u>
47.8	50.3	<u>PEGMATITE</u> NO DISTINCT CONTACTS. WHITE. MEDIUM GRAINED. ALMOST ENTIRELY QUARTZ. TWO SPOTS 1 1/2 TIMES BACKGROUND TOTAL GAMMA COUNT, THE REMAINDER BACKGROUND ONLY.
50.3	181.0	<u>GNEISS</u> DARK. A FEW 2'-3' LIMESTONE SECTIONS. MICA-RICH. FOLIATED AT 60° TO CORE.
181.0	187.5	<u>PEGMATITE</u> INDISTINCT CONTACTS. REDDISH. COARSE. ONE SPOT 1 1/2 TIMES BACKGROUND TOTAL GAMMA COUNT, THE REMAINDER BACKGROUND ONLY.
187.5	206.5	<u>LIMESTONE</u>
	206.5	<u>END OF HOLE</u>

*Ross Kidd*

HOLE NO. **76-11**

# 63

EO 454639



ONTARIO

MINING RECORDS OFFICE TORONTO  
RECEIVED  
AUG 4 - 1976

PH  
A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK

To the Recorder of..... EASTERN ONTARIO..... Mining Division

I, FOREFRONT URANIUM MINES LIMITED T - 734

name of Recorded Holder

Miner's Licence

SUITE 432 - 12 RICHMOND STREET EAST, TORONTO, ONTARIO M5C 1N1

Post Office Address

do hereby report the performance of 2063.8 days of DIAMOND DRILLING

type of work

not before reported to be applied on the following contiguous claims

Monteagle Twp.

Claim No.	Days	Claim No.	Days	Claim No.	Days
EO 454639	211 206.38	EO 454645	211 206.38		
EO 454640	211 "	EO 454646	211 "		
EO 454641	211 "	EO 454647	211 "		
EO 454642	211 "	EO 454648	211 "		
EO 454643	211 "				
EO 454644	211 "				

MINING RECORDER'S OFFICE  
RECORDED  
AUG 4 - 1976  
TORONTO  
RECEIPT

All the work was performed on Mining Claim (s) EO 454644, EO 454645, EO 454647  
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment  
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
- For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

EASTERN ONTARIO DIAMOND DRILLING, SHARBOT LAKE, ONTARIO,  
MR. JAMES PRENTICE, PROP.  
DRILLING DONE FROM MAY 31ST TO JULY 28TH, 1976.

(OTHER REQUIRED INFORMATION IS IN THE DRILL LOGS.)

Date August 3 - 1976

Signature of Recorded Holder or Agent

The Mining Act  
Certificate Verifying Report of Work

I, O. F. CARTER, P. ENG.  
432 - 12 RICHMOND STREET EAST, TORONTO, M5C 1N1  
(Post Office Address)

hereby certify:

- That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.
- That the annexed report is true.

Dated August 3 1976

Signature O. F. CARTER  
REGISTERED PROFESSIONAL ENGINEER  
MINING  
PROVINCE OF ONTARIO



31F04NE0005 63 MONTEAGLE

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH





EO-454641

CLAIM POST  
No. 1 - 454646  
No. 2 - 454642  
No. 3 - 454641  
No. 4 - 454645

# DRILLING PLAN

## FOREFRONT URANIUM MINES LTD.

CONC. I MONTEAGLE TWP. ONTARIO

SCALE: 1 IN = 100 FT.

*Ross Kidd, P. Eng.*

EO-454644

NORTH SHOWING

D.D.H No. 9

D.D.H No. 8

76-11  
76-8  
76-4  
76-5  
76-6  
76-7

CORE STORAGE AREA

EO-454645

EO-454646

BASE LINE N-10°E

LOT 4

CLAIM POST  
76-10  
EO-454645  
EO-454644  
EO-454646

LOT 5

EO 454647

CREEK

N TRUE

N MAG.

76-9  
45°