

# GM 04711-B

8 DIAMOND DRILL HGOLE LOGS

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Énergie et Ressources  
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Québec 

RIDGEFIELD URANIUM MINING CORPORATION LTD

Saussure Twp, Chibougamou.

DIAMOND DRILL HOLE NO. 1

*Harry Dowhaluk*

|            |            |           |                               |
|------------|------------|-----------|-------------------------------|
| BEARING    | : S 20° W  | LOCATION  | : 200 ft W of 34-N on L-21-W. |
| DIP        | : -50°     | CLAIM     | : L-33096                     |
| LENGTH     | : 400 ft.  | BEGUN     | : Feb. 4, 1957.               |
| LOGGED BY: | H Dowhaluk | COMPLETED | : Feb. 6, 1957.               |

- 0.0-10.0 : CASING.
- 10.0-78.0 : CARBONACEOUS SLATE. Black. Finely and well bedded and streaked with abundant white quartz. Schistosity and bedding at 30° to core angle. Graphite content from 5-30%.
  - 51.5-53.5: SAMPLE NO. 7501. 2.0 ft.  
Au: 0.01 oz; Ag: 0.04 oz; Cu: 0.40%; Zn: Nil  
Ni: Trace.  
60-80% pyrite, traces of chalcoppyrite.
  - 55.0-57.0: SAMPLE NO. 7502. 2.0 ft.  
Au: Trace; Ag: 0.11 oz; Cu: 0.40%  
60-90% pyrite, almost massive; very minor chalcoppyrite in spots.
  - 61.0-62.3: SAMPLE NO. 7503. 1.3 ft.  
Au: Trace; Ag: Nil.  
40% pyrite, in grains, disseminated, etc with considerable quartz.
- 78.0-122.0 : FELDSPATHIC GRAYWACKE. Lt gray. Grading from above. Slightly sericitized. Fine-grd and somewhat carbonatized. Up to 15% pyrite, pyrrhotite, and the rare grain of chalcoppyrite.
  - SAMPLE NO. 7504. 2.5 ft. 92.5-95.0  
Au: Trace; Ag: 0.09 oz; Ni: Trace.  
15-20% sulfides; pyrrhotite with lesser pyrite.
- 122.0-125.0: CARBONACEOUS SLATE. As above.
- 125.0-129.0: FELDSPATHIC GRAYWACKE. Lt gray. Very fine pyrrhotite, about 5%.
- 129.0-346.5: CARBONACEOUS SLATE. Black. Some fine drag-folding. Contains few small bands of graywacke. About 5-20% pyrite and lesser pyrrhotite in fine streaks and grains.
- 346.5-400.0: FELDSPATHIC GRAYWACKE. Lt gray. Crse-grd, bedded. Few streaks of graphitic material.

END OF HOLE.

|        |       |           |
|--------|-------|-----------|
| DIP    | TESTS |           |
| DEPTH  | R EAD | CORRECTED |
| 400 ft | 57°   | 50°       |

PUBLIC

QUEBEC DEPARTMENT OF MINES  
MAY 6 1957  
MINERAL DEPOSITS BRANCH  
No GM- 4711-B 15

MINISTRE DES MINES  
1957  
REC-100

RIDGEFIELD URANIUM MINING CORPORATION LTD

Saussure Twsp, Chibougamou.

*Sam Dawhaluk*

DIAMOND DRILL HOLE NO. 2

BEARING : Due South.  
DIP : -40°  
LENGTH : 239 ft.  
LOGGED BY : H Dowhaluk

LOCATION : 200 ft W of 7+50 S on.  
CLAIM : L-33084 L-45-W.  
BEGUN : Feb. 8, 1957.  
COMPLETED : Feb. 13, 1957.

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0.0-7.0 : CASING.  
7.0-11.5 : HORNBLENDE GNEISS. Crse-grd. Dark green.  
11.5-51.0 : PARAGNEISS. Grayish. Finely and distinctly banded at 45° to core angle. Occasional streaks and small bands of granitic material. Occasionally garnet. Grading into next.  
51.0-59.5 : INJECTION GNEISS. Lt gray colored. Varying from almost pure syenite to highly hybridized gneiss. Some minor pyrite and pyrrhotite with few specks of chalcopyrite. Considerable fine pyrite and pyrrhotite in the following sections: 51.0-51.5; 57.0-57.5; 59.0-59.5.  
59.5-239.0 : HORNBLENDE GNEISS. Dark greenish black. Fine to med-grd. Well banded.  
181.0-181.5: Considerable pyrite and pyrrhotite.

END OF HOLE

DIPT TESTS

| DEPTH  | READ | CORRECTED |
|--------|------|-----------|
| 50 ft  | 46°  | 38½       |
| 100ft  | 43°  | 35½       |
| 239 ft | 37°  | 30°       |



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Saussure Twsp, Chibougamou

*John Dowhaluk*

DIAMOND DRILL HOLE NO. 3

BEARING : Due south  
DIP : -70°  
LENGTH : 125 ft.  
LOGGED BY : H Dowhaluk

LOCATION : 200 ft W of 7+50S on  
CLAIM : L-33084 L-45-W  
BEGUN : Feb. 9, 1957.  
Completed : Feb. 11, 1957.

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0.0-4.5 : CASING  
4.5-37.0 : HORNBLENDE GNEISS. Greenish black. Crse-grd. Gneissocity  
at 30° to core angle.  
20.0-21.0: Lost core.  
21.0-22.0: Andesite.  
37.0-125.0 : PARAGNEISS. Dark greenish gray. Banded at 20° to core  
angle.  
92.0-92.5: Granitic material, minor pyrite at 90.5.  
Considerable granitic material towards end.  
109.5-112.0: Mostly granite.

END OF HOLE



RIDGEFIELD URANIUM MINING CORPORATION LTD

DDH #4

Saussure twsp, Chibougamou

*H. Dowhaluk*

|           |              |           |                  |
|-----------|--------------|-----------|------------------|
| BEARING   | : Due south  | LOCATION  | : 6-S, L-41-W    |
| DIP       | : -45°       | CLAIM     | : L-33085        |
| LENGTH    | : 299 ft.    | BEGUN     | : Feb. 16, 1957. |
| LOGGED BY | : H Dowhaluk | COMPLETED | : Feb. 18, 1957. |

\* \* \* \* \*

- 0.0-7.0 : CASING.
- 7.0-11.0 : HORNBLLENDE SCHIST. Greenish black. Fine-grd, resembles greenstone.
- 11.0-15.0 : SYENITE. Whitish, crse-grd, gneissocity at 40° to core angle.
- 15.0-25.5 : HORNBLLENDE SCHIST. Greenish black, compact.
- 25.5-30.0 : SYENITE. Lt pinkish gray. Fine-grd, and finely gneissic with considerable biotite. Grading into next.
- 30.0-25.0 : HYBRID GNEISS. Greenish to grayish. Abundant hornblende with chlorite and lesser biotite. Injected with various amounts of granitic material. Gneissocity at 40° to core angle.
- 35.0-39.0 : SYENITE. As in above.
- 39.0-67.0 : HYBRID GNEISS. As in above, grading into next.
- 67.0-107.0 : HORNBLLENDE SCHIST. Dark greenish black. Very fine-grd, resembling greenstone. Schistocity well marked at 45° to core angle. Somewhat silicified in spots. Chloritized at contact with below:
- 107.0-116.0 : SYENITE. Pinkish gray, very fine-grd, impure.
- 116.0-125.0 : SYENITIC HYBRID GNEISS. As above but crse-grd, darker with much mafic material. Grayish and greenish.
- 125.0-155.0 : HYBRID GNEISS. Grayish to greenish. Well banded with variable amounts of granitic material. Scattered small amounts of sulfides, pyrrhotite mostly with lesser pyrite and rare chalcopyrite.
- 126.0-126.5 : 40% pyrrhotite.
- 155.0-261.0 : HORNBLLENDE SCHIST. Dark greenish black. Well to poorly banded, compact, resembles greenstone. Grading into hybrid gneiss in spots.
- 188.5-191.0 : DIORITE dike, greenish, med-grd.
- 236.0-236.5 : 40% pyrrhotite with minor chalcopyrite on edges.
- 261.0-299.0 : HORNBLLENDE SYENITE. Pinkish, crse-grd.

END OF HOLE

DIP TESTS

| DEPTH  | READ | CORRECTED |
|--------|------|-----------|
| 299 ft | 42°  | 35°       |



RIDGEFIELD URANIUM MINING CORPORATION LTD

Saussure Twsp, Chibougamou

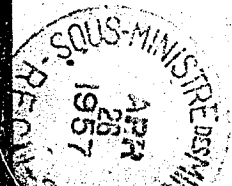
*Sam Dowhaluk*

DIAMOND DRILL HOLE NO. 5:

|           |              |           |                  |
|-----------|--------------|-----------|------------------|
| BEARING   | : Due south  | LOCATION  | : L-5-W, 1-N     |
| DIP       | : -45°       | CLAIM     | : L-33092        |
| LENGTH    | : 910 ft.    | BEGUN     | : Feb. 22, 1957. |
| LOGGED BY | : H Dowhaluk | COMPLETED | : Mar. 8, 1957.  |

\* \* \* \*

- 0.0-12.0 : CASING.
- 12.0-13.0 : CARBONATIZED GREENSTONE. Gray.
- 13.0-24.0 : BIOTITE CHLORITE SCHIST. Dark gray. Med-grd. Schistose.  
Variable amounts of chlorite and biotite.  
15.0-16.0 : Silicified with 5-10% coarse pyrrhotite.
- 24.0-27.5 : SERICITE SCHIST. Gray. With qtz-carbonate and 15%  
pyrrhotite and lesser pyrite.  
24.0-27.5: Sampled (see attached list).
- 27.5-105.0 : GREENSTONE SCHIST. Dk green, fine-grd, schistose. Grading  
into massive greenstone in spots. Occasional biotite.  
Schistosity at 40° to core angle.
- 105.0-126.5: SERICITE SCHIST. Lt gray. With qtz carbonate and 15%  
very coarse disseminated pyrrhotite and pyrite.  
105.0-126.5: Sampled, see attached list.
- 126.5-148.5: GREENSTONE SCHIST. As above. Gray.
- 148.5-161.0: SCHISTOSE QUARTZ CARBONATE. Lt gray to whitish. Some  
sericite and small amounts of graphite. 5-15% pyrrhotite  
and pyrite in lumps and disseminations. Sampled.
- 161.0-188.5: GRAPHITE SCHIST. Black to dark gray. 30% or more graphite.  
Some qtz carbonate and sericite. Pyrrhotite and pyrite  
from 5-15%.  
174.5: Breccia.  
185.5-186.0: 40% pyrrhotite.  
165.0-175.0; 185.0-188.5: Sampled.
- 188.5-225.5: SERICITE CARBONATE SCHIST. Whitish to light gray. Schistose  
to nearly massive. 5-25% pyrrhotite and pyrite.  
200.5-217.5: 25% pyrrhotite and pyrite with small  
almost massive stringers.  
216.0-216.5; 217.0-218.0; 221.0-222.0: 40-50% graphite.  
161.0-188.5: Sampled.
- 225.5-254.0: SCHISTOSE GREENSTONE. Lt gray to med gray. Scattered small  
amounts of pyrrhotite and lesser pyrite.  
226.0-226.5; 227.0; 231.0-232.0: Considerable sulfides.
- 254.0-258.5: BIOTITE CHLORITE SCHIST. Grayish. Coarsely but uniformly  
streaked appearance. About 40% biotite.
- 258.5-368.0: SCHISTOSE GREENSTONE. Lt gray. Grading into hornblende  
schist in spots and silicified in places.  
Grading into next.  
290.0-291.5: Highly felsitized, fine-grd, with biotite  
streaks.  
291.0-293.5: 25% pyrrhotite in silicified zone with  
sericite. Sampled.  
316.0-316.5: 25% pyrrhotite.
- 368.0-392.5: HORNBLLENDE SCHIST. Greenish gray. Speckled appearance  
almost like gneissic diorite. Schistosity at 45° tp



- . : : core angle.  
 392.5-395.0: CHLORITE SCHIST. Greenish black.  
 395.0-397.0: BIOTITE SCHIST. Brownish. Very schistose and mostly all biotite.  
 397.0-406.5: HORNBLLENDE SCHIST.  
 406.5-408.0: SYENITE. Lt gray, med-grd. Biotitic.  
 408.0-412.0: HORNBLLENDE SCHIST.  
 412.0-416.0: SYENITE.  
 416.0-420.0: HORNBLLENDE SCHIST.  
 420.0-423.0: SYENITE.  
 423.0-425.0: HORNBLLENDE SCHIST.  
 425.0-439.0: BIOTITE SCHIST. Grayish green color.  
 439.0-440.0: PORPHYRITIC BIOTITE GNEISS. Grayish white phenocrysts  $\frac{1}{4}$ " wide.  
 440.0-448.0: HORNBLLENDE SCHIST. Dark green. Some biotite. Fine-grd.  
 448.0-450.5: SYENITE. Lt gray.  
 450.5-475.0: HORNBLLENDE SCHIST. Greenish to grayish. Scattered small amounts of biotite. Occasional silicification as at 466.0-467.0.  
 475.0-480.0: BIOTITE CHLORITE SCHIST. Dk gray. Considerable chlorite, compact. Schistosity at 70° to core angle.  
 480.0-502.0: GREENSTONE. Gray, fine-grd. Flow banding at 90° to core angle. Schistose at contact with next at 70° to core angle.  
 502.0-503.5: BIOTITE CHLORITE SCHIST.  
 503.5-505.0: HORNBLLENDE SCHIST.  
 505.0-510.0: GREENSTONE. Bluish gray. Grading into hornblende schist in spots.  
 510.0-515.0: HORNBLLENDE SCHIST. Med-grd. Schistosity at 45° to core.  
 515.0-526.0: GREENSTONE. Greenish to bluish gray. Fine-grd.  
 526.0-535.0: BIOTITE SCHIST. Med-grd. Grayish and speckled appearance.  
 535.0-546.0: GREENSTONE. Bluish gray. Fine-grd.  
 546.0-552.0: BIOTITE SCHIST. Speckled appearance. Med-grd. Schistosity at 70° to core.  
 552.0-554.0: SYENITE.  
 554.0-556.0: GREENSTONE. Gray. Schistosity at 65° to core.  
 556.0-563.0: HORNBLLENDE SCHIST. Dk gray. Grading into next imperceptably.  
 653.0-592.0: GREENSTONE. Greenish gray. Somewhat schistose.  
 592.0-594.0: BIOTITE SCHIST. As above.  
 594.0-625.0: GREENSTONE. Greenish gray. Flow banding at 70° to core.  
 622.5-623.0: Diorite dike.  
 625.0-634.0: HORNBLLENDE SCHIST. Dk greenish gray. Very fine-grd hornblende and grading into greenstone in part.  
 625.0-625.5; 627.5-628.0: Coarse gabbro dikes.  
 634.0-640.0: ACTINOLITE SCHIST. Grayish. Med-grd, mottled appearance.  
 640.0-677.0: ACTINOLITE BIOTITE SCHIST. Grayish, compact, fine-med grd. Slightly porphyritic in first two feet (small indistinct phenocrysts of white feldspar.)  
 677.0-679.5: HORNBLLENDE SCHIST. Fine-grd.  
 At 679.5, a 3" quartzose granite section with pyrrhotite. Sampled.  
 679.5-693.0: GRAPHITE SCHIST. Black to dark gray. 10-15% graphite, with variable amounts of sericite and some streaks of light green chrome mica. Also about 5% pyrrhotite and a little quartz carbonate.  
 681.8-684.3: Contains considerable chrome mica. Sampled

: 687.0-688.0: Contains 5" granite dike with fine pyrite  
 and 5-10% pyrrhotite on edges. Sampled.  
 693.0-702.5: QUARTZ CARBONATE. Lt gray. Quite silicified. 20-30%  
 pyrrhotite with minor pyrite. Sampled.  
 702.5-707.0: SERICITE CARBONATE SCHIST. Gray. Compact. Minor graphite.  
 5% pyrrhotite.  
 703.8-704.8: Sampled. Well carbonatized.  
 707.0-709.0: BIOTITE SCHIST. Grayish. Schistosity at 80° to core.  
 709.0-710.0: QUARTZ CARBONATE. Gray. Very fine pyrrhotite in pin points.  
 710.0-711.0: GRAPHITE SCHIST. Grayish black, compact.  
 711.0-715.5: QUARTZ CARBONATE. Grayish. 20% comparatively fine  
 pyrrhotite. Sampled  
 715.5-873.5: HORNBLLENDE SCHIST. Greenish gray. very fine-grd.  
 873.5-880.0: SPOTTED HORNBLLENDE SCHIST. As above but 25% of area  
 covered by 1/4" spots of white feldspar, irregular in  
 size and shape.  
 880.0-908.0: HORNBLLENDE SCHIST. Becoming coarser grained.  
 908.0-910.0: PEGMATITE. Almost all coarse white soda feldspar with  
 a few flakes of biotite and odd grain of pyrrhotite.

END OF HOLE

DIP TESTS

| DEPTH  | READ | CORRECTED |
|--------|------|-----------|
| 200 ft | 47°  | 39 1/2    |
| 400 ft | 44°  | 36 1/2    |
| 600 ft | 30°  | 24        |
| 900 ft | 19°  | 14 1/2    |





LIST OF SAMPLES FROM DRILL HOLE NO. 5

| Sample No. | Footage     | Length | Au   | Ag   | Cu   | Zn    | Ni  | Co    |
|------------|-------------|--------|------|------|------|-------|-----|-------|
| 7505       | 24.0-27.5   | 3.5 ft | Tr   | 0.20 | 0.10 | -     | -   | -     |
| 7506       | 105.0-110.0 | 5.0 ft | Tr   | Nil  | 0.10 | -     | -   | -     |
| 7507       | 110.0-115.0 | 5.0 ft | 0.00 | 0.20 | -    | -     | -   | (.01) |
| 7508       | 115.0-120.0 | 5.0 ft | Tr   | 0.12 | -    | -     | -   | -     |
| 7509       | 120.0-125.0 | 5.0 ft | Tr   | Nil  | -    | -     | -   | -     |
| 7510       | 125.0-126.5 | 1.5 ft | 0.01 | 0.04 | -    | -     | -   | -     |
| 7511       | 148.5-152.5 | 4.0 ft | 0.01 | 0.04 | -    | -     | -   | -     |
| 7512       | 152.5-157.5 | 5.0 ft | Tr   | 0.06 | -    | -     | -   | -     |
| 7513       | 157.5-161.0 | 3.5 ft | Tr   | 0.08 | -    | -     | -   | -     |
| 7514       | 161.0-165.0 | 4.0 ft | Tr   | 0.05 | -    | -     | Tr  | Tr    |
| 7515       | 165.0-170.0 | 5.0 ft | Tr   | Nil  | -    | -     | -   | -     |
| 7516       | 170.0-175.0 | 5.0 ft | Tr   | 0.07 | -    | -     | -   | -     |
| 7517       | 185.0-188.5 | 3.5 ft | Tr   | Nil  | -    | -     | -   | -     |
| 7518       | 188.5-192.0 | 3.5 ft | Tr   | 0.12 | -    | -     | -   | -     |
| 7519       | 192.0-197.5 | 5.5 ft | 0.01 | 0.32 | -    | 0.15% | -   | -     |
| 7520       | 197.5-201.0 | 3.5 ft | 0.00 | 0.08 | -    | -     | -   | -     |
| 7521       | 201.0-206.0 | 5.0 ft | .01  | .04  | -    | -     | -   | -     |
| 7522       | 206.0-211.0 | 5.0 ft | .01  | .11  | 0.05 | -     | Tr  | .012  |
| 7523       | 211.0-216.0 | 5.0 ft | Tr   | Nil  | 0.05 | -     | Tr  | .012  |
| 7524       | 216.0-220.0 | 4.0 ft | Tr   | Nil  | -    | -     | -   | -     |
| 7525       | 220.0-225.0 | 5.0 ft | .01  | .06  | -    | -     | -   | -     |
| 7534       | 291.5-293.5 | 2.0 ft | .03  | .51  | -    | -     | Tr  | -     |
| 7526       | 679.2-680.2 | 1.0 ft | Tr   | .09  | -    | -     | -   | -     |
| 7527       | 681.8-684.3 | 2.5 ft | Tr   | .12  | -    | -     | -   | -     |
| 7528       | 687.0-688.0 | 1.0 ft | .02  | .19  | -    | -     | -   | -     |
| 7529       | 693.0-696.0 | 3.0 ft | Tr   | .27  | .05  | -     | Tr  | -     |
| 7530       | 696.0-699.0 | 3.0 ft | .02  | .16  | .10  | -     | Nil | .052  |
| 7531       | 699.0-702.5 | 3.5 ft | .01  | .21  | 0.05 | -     | Nil | .048  |
| 7533       | 703.8-704.8 | 1.0 ft | Tr   | .07  | -    | -     | -   | -     |
| 7532       | 711.0-715.5 | 4.5 ft | Tr   | .11  | -    | -     | -   | -     |



RIDGEFIELD URANIUM MINING CORPORATION LTD

Saussure Twsp, Chibougamou, Que

*Hans Dowhaluk*

DIAMOND DRILL HOLE NO. 6

|           |              |           |                   |
|-----------|--------------|-----------|-------------------|
| BEARING   | : Due South  | LOCATION  | : L-1-W, 14+50 N. |
| DIP       | : -45°       | CLAIM     | : L-33097         |
| LENGTH    | : 955 ft.    | BEGUN     | : March 10, 1957. |
| LOGGED BY | : H Dowhaluk | COMPLETED | : March 21, 1957  |

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- 0.0-50.0 : CASING.
- 50.0-69.5 : SERPENTINE. Greenish gray. Somewhat schistose at 45° to core. Soft, compact.
- 69.5-84.0 : BIOTITIC ULTRABASIC. Brownish gray, heavy fine biotite, serpentized.
- 84.0-110.0 : PYROXENITE. Dk green, crse-grd. Very uniform.
- 110.0-197.5 : GABBRO. Dk green, similar to above pyroxenite but with very small specs of feldspar.
- 197.5-209.0 : SERPENTINE. Interbanded with serpentized gabbro and pyroxenite. Soft, greasy. Contains small nodules of talc. Somewhat schistose. Some calcite lenses in spots.
- 209.0-220.0 : SERPENTINIZED PYROXENITE. Dk green.
- 220.0-225.0 : SERPENTINE. Dk green. Abundant grains of magnetite.
- 225.0-367.5 : SERPENTINIZED GABBRO. Dk green. Quite serpentized, in a few spots altered largely to serpentine. Heavy disseminated fine magnetite with grains up to 2 mm.
- 367.5-368.5 : CHLORITE TALC SCHIST.
- 368.5-372.0 : SERPENTINIZED GABBRO.
- 372.0-373.0 : CHLORITE TALC SCHIST. Dk greenish black.
- 373.0-392.5 : HORNBLENDE SCHIST. Dk green. Fine-grd, altered. Grading into next.
- 392.5-394.5 : CHLORITE SERICITE SCHIST. Lt greenish gray. Schistosity at 25° to core. Some fine needle-like actinolite, ~~schist~~ heavy towards end. About 10% pyrrhotite in fine specs coarser streaks. Few specs of chalcopyrite.
- 394.5-396.5 : PYRRHOTITE ZONE. 35-45% pyrrhotite in streaks and disseminations. Lesser pyrite and few specs of chalcopyrite. Stringers of siliceous material. Actinolite on edges.
- 396.5-407.5 : CARBONATIZED SYENITE. Lt purplish gray. Fine-grd. Small specs of pyrrhotite scattered thruout. Odd spec of chalcopyrite. Some minor chalcopyrite in fracture at 405.7.
- 407.5-408.5 : CHLORITE SERICITE SCHIST. Carbonatized. 5% pyrite and pyrrhotite.
- 408.5-410.7 : PYRRHOTITE ZONE. 40% pyrrhotite and lesser pyrite with chlorite, talc, carbonate, actinolite. Highly contorted and finely folded.
- 410.7-411.5 : ACTINOLITE SCHIST. Carbonate and long crystals of actinolite. Fine sulfides.
- 411.5-413.5 : CHLORITE SERICITE SCHIST. Lt greenish, compact, carbonatized, Fine sulfides.

- 413.5-425.0:BIOTITIC TACTITE. Very fine biotite. Nearly massive. Like a serpentized gabbro, but 'soaked' in syenitic juice. Grading into next.
- 425.0-448.0:SERPENTINIZED GABBRO. Dk green. Highly altered to serpentine in places, schistose in places and fine-grd.
- 448.0-475.0:TACTITE. Dk green. Fine-grd. Altered and silicified, gabbroic relict structure sometimes visible. Some fine biotite scattered thruout. Scattered specs of chalcopyrite in fractures, particularly from 469.0-472.0. Some fine pyrrhotite scattered thruout particularly in fractures.
- 475.0-515.0:ALTERED PYROXENITE. Dk green. As above but less altered. Granular structure plainly visible, grading into greenstone-like rock towards end.
- 508.0-509.5: Biotite Schist.
- 515.0-525.0:CHLORITE SCHIST. Green, schistosity at 45° to core angle. Streaked lightly with white lines of carbonate.
- 522.0-523.0: Considerable biotite.
- 525.0-541.5:GREENSTONE. In a few places grades into possibly a very fine pyroxenite. Chloritized on contact with below.
- 541.5-545.5:SERPENTINIZED ACTINOLITE SCHIST. Lt green, felty.
- 545.5-547.5:ALTERED GREENSTONE. Altered to a hornblende type of rock, indistinctly grained, with glomeroporphyritic phenocrysts of hornblende.
- 547.5-553.7:CHLORITE SCHIST. Green. Few streaks of carbonate.
- 553.7-557.7:QUARTZ CARBONATE. Whitish, fine-grd. Some sericite. 10% pyrite and pyrrhotite. Minor chalcopyrite & gray mineral.
- 557.7-562.0:ALTERED GREENSTONE. Hornblende type of rock. mineral.
- 558.2-558.7: White quartz with pyrrhotite.
- 562.0-562.7:CHLORITE SCHIST.
- 562.7-563.7:BIOTITE SCHIST. Brownish black.
- 563.7-565.0:CHLORITE SCHIST.
- 565.0-570.0:BIOTITE SCHIST.
- ~~567.5-568.5~~ 563.8, 0.5 ft. Qtz-carb with 10% pyrrhotite & pyrite.
- 570.0-581.0:PYROXENE BIOTITE GNEISS. Greenish. Crse-grd., irregularly gneissic. Highly serpentized.
- 581.0-583.5:HORNBLende GNEISS. Greenish black. Hard and compact.
- 583.5-587.0:SERPENTINIZED ACTINOLITE SCHIST. Green.
- 587.0-592.5:HYBRID GNEISS. Grayish, crse-grd. Dioritic in appearance but with much mafic material- biotite, pyroxene, etc. In places grading into a greasy-looking diorite. Scattered crse sulfides, mostly pyrite, about 1%.
- 592.5-595.0:SERPENTINIZED ACTINOLITE BIOTITE SCHIST. Very compact.
- 595.0-600.0:HYBRID GNEISS. As above.
- 600.0-614.0:DIORITE. Lt colored, crse-grd. May be a very light colored gabbro. Some epidote. Scattered fine sulfides.
- 614.0-616.0:BIOTITE PYROXENE GNEISS. Nearly black. Med-grd. Compact.
- 616.0-617.0:DIORITE.
- 617.0-626.0:HYBRID GNEISS. Nearly black, almost a shonkinite in places. Much biotite, pyroxene, chlorite and serpentine.
- 626.0-682.0:DIORITE. Contains some gneissic material.
- 682.0-703.5:HYBRID GNEISS. Almost black. Much biotite, pyroxene, chlorite, serpentine, etc.
- 703.5-707.5:DIORITE.
- ~~707.5-708.5~~ 708.5:HORNBLende.

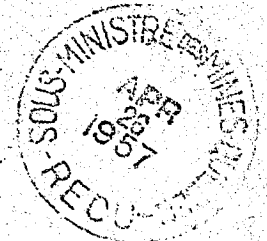
~~XXXX~~

- 708.5-723.5:DIORITE.
- 723.5-725.0:HORNBLENDITE.
- 725.0-737.0:DIORITE.
- 737.0-743.0:SHONKINITE.
- 743.0-800.0:DIORITE. Schistose altered greenstone from 791.0-791.8 and 792.5-793.2.
- 800.0-832.5:BIOTITE CHLORITE SCHIST. Dark greenish gray-black. Schistosity at 60° to core. Irregularly marked with small blotches of black biotite. Some small white spots of carbonate. Scattered minor pyrite crystals.
- 832.5-877.0:GABBRO. Similar to above dioritic rock but darker grading more into a true gabbro.
- 877.0-878.5:HYBRID GNEISS. Biotitic.
- 878.5-905.0:DIORITE GNEISS. Some chloritic and biotitic material. Minor pyrite.
- 905.0-922.0:HYBRID GNEISS. Well streaked at 55° to core. Dark greenish gray.
- 922.0-922.5:QUARTZ. White, with few bits of pyrrhotite and pyrrhotite.
- 922.5-925.0:CHLORITE BIOTITE HYBRID GNEISS. Slaty gray. Somewhat silicified.
- 925.0-928.0:SYENITE GNEISS. Dark gray. Dark, almost shonkinite.
- 928.0-955.0:BIOTITE CHLORITE HYBRID GNEISS.

END OF HOLE

List of Samples

| Sample #          | Interval    | Depth   | Analysis   |
|-------------------|-------------|---------|--|
| # 7535            | 392.5-394.5 | 2.0 ft. | Au <u>Tr.</u> ; Ag .07; Cu 0.15; Ni <u>Tr.</u> ; Zn 0.05                   |
| # <del>7536</del> | 394.5-396.5 | 2.0 ft. | Au <u>Tr.</u> ; Ag .14; Cu 0.20; Ni <u>Tr.</u> ; Zn <del>0.05</del> (0.05) |
| # 7537            | 396.5-400.0 | 3.5 ft. | Au <u>Tr.</u> ; Ag .14   |
| # 7538            | 400.0-405.0 | 5.0 ft. | Au <u>Tr.</u> ; Ag .11   |
| # <del>7539</del> | 405.0-407.5 | 2.5 ft. | Au <u>Tr.</u> ; Ag .26   |
| # 7540            | 407.5-408.5 | 1.0 ft. | Au .01; Ag .08   |
| # 7541            | 408.5-410.7 | 2.2 ft. | Au .01; Ag .09; Cu 0.20; Ni .02; Co .05; Zn .05                            |
| # 7542            | 410.7-413.0 | 2.3 ft. | Au <u>Tr.</u> ; Ag .12   |
| # 7543            | 553.7-557.7 | 4.0 ft. | Au <u>Tr.</u> ; Ag 0.17; Cu 0.15; Ni <u>Tr.</u>                            |
| # <del>7544</del> | 557.7-558.7 | 1.0 ft. | Au <u>Tr.</u> ; Ag 0.19  |
| # 7545            | 700.0-702.0 | 2.0 ft. | Au <u>Tr.</u> ; Ag 0.16  |



RIDGEFIELD URANIUM MINING CORPORATION LTD

Saussure Twsp, Chibougamou, Que.

*James Dowhaluk*

DIAMOND DRILL HOLE NO. 7

BEARING : Due South  
 DIP : -45°  
 LENGTH : 377.0 ft.  
 LOGGED BY: H Dowhaluk

LOCATION: L-13-W, 1-N  
 CLAIM : L-33091  
 BEGUN : Mar. 22, 1957.  
 COMPLETED Mar. 27, 1957.

- 0.0-22.0 : CASING
- 22.0-38.0 : CARBONATIZED GREENSTONE. Lt gray. Probably a tuff on origin, in places almost completely carbonatized. Occasional minor sulfides scattered about. At 36.0 ft, 3" graphite.
- 38.0-42.0 : CHLORITE CARBONATE ROCK. Green. Cres-grd and mottled, may be of gabbroic origin.
- 42.0-56.0 : CARBONATIZED GREENSTONE.
- 56.0-61.0 : QUARTZ CARBONATE. Lt gray. Largely carbonate with some quartz and graphite. Pyrite and pyrrhotite up to 5%, usually rather fine.
- 61.0-62.0 : GRAPHITE SCHIST. ~~xxx~~ 85-90% graphite. Black.
- 62.0-100.5 : CARBONATIZED GREENSTONE. Schistose to massive, cherty in places with up to 10% graphite in spots. Variable. Occasional small amount of pyrite.
- 100.5-106.5 : GRAPHITE SCHIST. 50-90% graphite with some streaks of qtz-carbonate and small amount of pyrite.
- 106.5-111.0 : TRACHYTE SCHIST. Lt buffy gray. Minor graphite.  
 106.5-107.0 : Qtz-carbonate with some pyrrhotite.
- 111.0-125.0 : GRAPHITIC GREENSTONE SCHIST. Black. 5-10% graphite quite uniformly spread out thru the rock.
- 125.0-129.0 : QUARTZ CARBONATE. Lt gray. Some sericite, about 10-15% pyrrhotite.
- 129.0-141.0 : GRAPHITIC GREENSTONE SCHIST.
- 141.0-142.0 : SYENITE SCHIST. Considerable fine biotite.
- 142.0-145.0 : QUARTZ CARBONATE. Whitish, some graphitic material from  
 142.0-143.0. 5% pyrrhotite and lesser pyrite.
- 145.0-154.0 : GRAPHITIC SCHIST.
- 154.0-170.0 : GREENSTONE SCHIST. Green to gray. An interbanded zone of chlorite, graphite, biotite streaks, also actinolite, in general approximating a greenstone schist.  
 A contact phase. ~~xxxxxxx~~
- 170.0-187.5 : SYENITE HYBRID SCHIST. Lt gray. Graphitic in spots. Fine biotite gives it schistosity, at 45° to core angle.
- 187.5-223.0 : SYENITIC GNEISS. Largely of intrusive material, schiellen gives gneissic appearance. Sprinkled with small grains of pale garnet.
- 223.0-227.5 : BIOTITE CHLORITE SCHIST. Dark green, coarse-grd.
- 227.5-232.0 : SYENITIC GNEISS. As above.
- 232.0-234.0 : BIOTITE CHLORITE SCHIST.
- 234.0-246.0 : SYENITIC GNEISS (GRAPHITIC). Dk gray, schistose, with small pale garnets.
- 246.0-262.0 : GRAPHITIC GREENSTONE SCHIST. High graphite content. Silicified. Cherty in places; pyrite mineralization from 5-35% in coarse streaks with minor qtz-carbonate associated in the streaks. Grading into next.

262.0-266.0: GRANITIC HYBRID GNEISS. Schistose to almost massive.  
 Dark gray. Abundant siliceous material. Some graphite  
 and abundant scattered small garnets.

266.0-273.0: GRAPHITIC GREENSTONE SCHIST.

273.0-274.0: LOST CORE.

274.0-295.5: GRAPHITIC ~~SCHIST~~ GREENSTONE SCHIST. Slightly  
 silicified and scattered pyrite from 10-20% in the  
 section 288.5-295.7.

295.5-299.0: GREENSTONE. Green, massive, grading into next.

299.0-301.0: CARBONATE. Gray, fine 5-10% pyrite mineralization.

301.0-377.0: GREENSTONE SCHIST. Greenish gray. Schistosity at 40°  
 to core. Some fine streaks of trachytic material.  
 In places inclined towards hornblende schist and in  
 others quite carbonatized.

End of hole

DIP TESTS  
 Read

Corrected

300 ft.

List of Samples

| Sample # | Interval    | Depth   | Analysis                        |
|----------|-------------|---------|---------------------------------|
| #7546    | 44.5-45.5   | 1.0 ft. | Au Tr. Ag 0.04                  |
| #7547    | 56.0-61.0   | 5.0 ft. | Au Tr. Ag 0.04                  |
| #7548    | 101.5-107.0 | 5.5 ft. | Au 0.01 Ag 0.06                 |
| #7549    | 125.0-129.0 | 4.0 ft. | Au Tr. Ag 0.04                  |
| #7550    | 141.0-142.3 | 1.3 ft. | Au Tr. Ag 0.07                  |
| #7551    | 142.3-145.0 | 2.7 ft. | Au Tr. Ag 0.04                  |
| #7552    | 241.0-245.0 | 4.0 ft. | Au Tr. Ag Nil. 2 2              |
| #7553    | 251.0-255.0 | 4.0 ft. | Au Tr. Ag 0.04 Cu 0.05 Zn       |
| #7554    | 255.0-259.0 | 4.0 ft. | Au 0.01 Ag 0.07 Cu 0.05 Zn 0.25 |
| #7555    | 263.5-265.0 | 1.5 ft. | Au Tr. Ag 0.04                  |
| #7556    | 288.5-293.5 | 5.0 ft. | Au Tr. Ag 0.03 Cu 0.10 Zn 0.35  |
| #7557    | 293.5-295.7 | 2.2 ft. | Au Tr. Ag 0.07 Cu 0.20 Zn 0.95  |
| #7558    | 299.0-301.0 | 2.0 ft. | Au Tr. Ag Nil                   |



RIDGEFIELD URANIUM MINING CORPORATION LTD

Saussure Twsp, Chibougamou, Que.

*Henry D. Dubaluk*

DIAMOND DRILL HOLE NO. 8

BEARING : Due South  
 DIP : 45°  
 LENGTH : 409 ft.  
 LOGGED BY : H Dowhaluk

LOCATION : L-21-W, 34-N  
 CLAIM : L-33096  
 BEGUN : Mar. 28, 1957.  
 COMPLETED : Mar. 31, 1957.

\* \* \* \* \*

- 0.0-50.0 : CASING.  
 50.0-61.5 : FELDSPATHIC GRAYWACKE. Carbonatized.  
 61.5-111.5 : SERICITE CARBONATE SCHIST. Lt gray. Slightly graphitic, occasional mineralization, fine streaks of pyrite.  
 61.5-64.0: 5% pyrite, qtz-carbonate streaking.  
 111.5-163.0: GRAPHITE CARBONATE SCHIST. Black, considerable carbonate.  
 118.0-121.0; 122.0-125.0: Lost core.  
 130.5-131.5; 134.0-135.0; 147.0-148.5: Lost core.  
 135.0-141.0: 2-5% pyrite & lesser pyrrhotite.  
 141.0-145.0: 10-15% pyrite and pyrrhotite.  
 145.0-147.0: 2-3% pyrite.  
 148.5-163.0: Heavy pyrite, 15-25%.  
 157.0-157.7: Highly silicified, small amount of chalcopyrite  
 163.0-203.5: SERICITE CARBONATE SCHIST. Some graphite. Up to 5% pyrite and pyrrhotite.  
 175.0-198.0: 5% pyrite and pyrrhotite in fine streaks.  
 203. 197.0-198.0: Graphitic.  
 198.0-200.0: 5% sulfides.  
 201.0-203.5: 10% pyrite.  
 203.5-208.5: GRAPHITE SERICITE CARBONATE SCHIST. 10% pyrite.  
 208.0-264.0: SERICITE CARBONATE SCHIST.  
 215.0-264.: 10-15% pyrite, lumpy, marcasitic, in nodules, etc.  
 264.0-336.0: GRAPHITE SERICITE CARBONATE SCHIST. 10% pyrite and pyrrhotite. Grading into carbonaceous slate in spots.  
 326.0-327.0: Heavy marcasitic pyrite, 30%  
 330.0-335.0: " "  
 336.0-360.0: SERICITE CARBONATE SCHIST. Lt gray. Mostly 5-10% sulfides, pyrite & pyrrhotite.  
 335.5-339.0: 30% marcasitic pyrite.  
 Grading into feldspathic graywacke in spots.  
 360.0-364.5: GRAPHITE SERICITE CARBONATE SCHIST. Few sulfides.  
 364.5-365.5: QUARTZ CARBONATE. Bluish gray. High quartz. 1% fine sulfides.  
 365.5-368.5: QUARTZ CARBONATE. 50-60% pyrite and pyrrhotite with scattered specs of chalcopyrite and  $\frac{3}{4}$ " band of sphalerite at 365.5.  
 368.5-371.0: GRAPHITE SERICITE CARBONATE SCHIST. Up to 5% sulfides.  
 371.0-372.0: QUARTZ CARBONATE. Lt gray. Fine sulfides.  
 372.0-409.0: GRAPHITE SERICITE SCHIST. 10% pyrite and pyrrhotite.  
 393.5-394.5: Qtz carbonate with 25% pyrite.

END OF HOLE

DIP TESTS

At 200 ft. Read, 55° , Corrected, 47 $\frac{1}{2}$ °  
 At 400 ft. Read, 50° , Corrected, 42 $\frac{1}{2}$ °

LIST OF SAMPLES FROM HOLE 8

|       |             |         |                               |
|-------|-------------|---------|-------------------------------|
| #7559 | 61.5-64.0   | 2.5 ft. | Au Tr Ag Nil                  |
| #7560 | 137.5-138.5 | 1.0 ft. | Au Tr Ag Nil                  |
| #7561 | 141.0-145.0 | 4.0 ft. | Au Tr Ag Nil Zn 0.20          |
| #7562 | 148.5-152.0 | 3.5 ft. | Au Tr Ag Nil Zn 0.20          |
| #7563 | 152.0-157.0 | 5.0 ft. | Au .01 Ag .06 Zn .030         |
| #7564 | 157.0-157.7 | 0.7 ft. | Au .01 Ag .11 Zn 1.90 Cu 0.30 |
| #7565 | 157.7-163.0 | 5.3 ft. | Au .01 Ag .09                 |
| #7566 | 163.0-170.0 | 7.0 ft. | Au Tr Ag 0.04                 |
| #7567 | 170.0-175.0 | 5.0 ft. | Au .01 Ag 0.04                |
| #7568 | 201.0-203.5 | 2.5 ft. | Au Tr Ag Nil                  |
| #7569 | 203.5-208.5 | 5.0 ft. | Au Tr Ag Nil                  |
| #7570 | 215.0-220.0 | 5.0 ft. | Au Tr Ag Nil                  |
| #7571 | 220.0-225.0 | 5.0 ft. | Au .01 Ag .08                 |
| #7572 | 225.0-230.0 | 5.0 ft. | Au Tr Ag 0.06                 |
| #7573 | 235.0-240.0 | 5.0 ft. | Au .01 Ag 0.07                |
| #7574 | 240.0-245.0 | 5.0 ft. | Au Tr Ag 0.09 6 Cu 0.05       |
| #7575 | 245.0-250.0 | 5.0 ft. | Au Tr Ag Nil Zn 0.10 Cu 0.05  |
| #7576 | 250.0-255.0 | 5.0 ft. | Au Tr Ag Nil Cu 0.05          |
| #7577 | 260.0-265.0 | 5.0 ft. | Au Tr Ag Nil Cu 0.10          |
| #7578 | 300.0-303.0 | 3.0 ft. | Au Tr Ag Nil Cu 0.15          |
| #7579 | 335.5-340.0 | 4.5 ft. | Au .02 Ag .13                 |
| #7580 | 365.3-366.5 | 1.2 ft. | Au .01 Ag .22 Zn 0.00 Cu 0.10 |
| #7581 | 366.5-368.5 | 2.0 ft. | Au .02 Ag .19 Zn 0.05 Cu 0.10 |



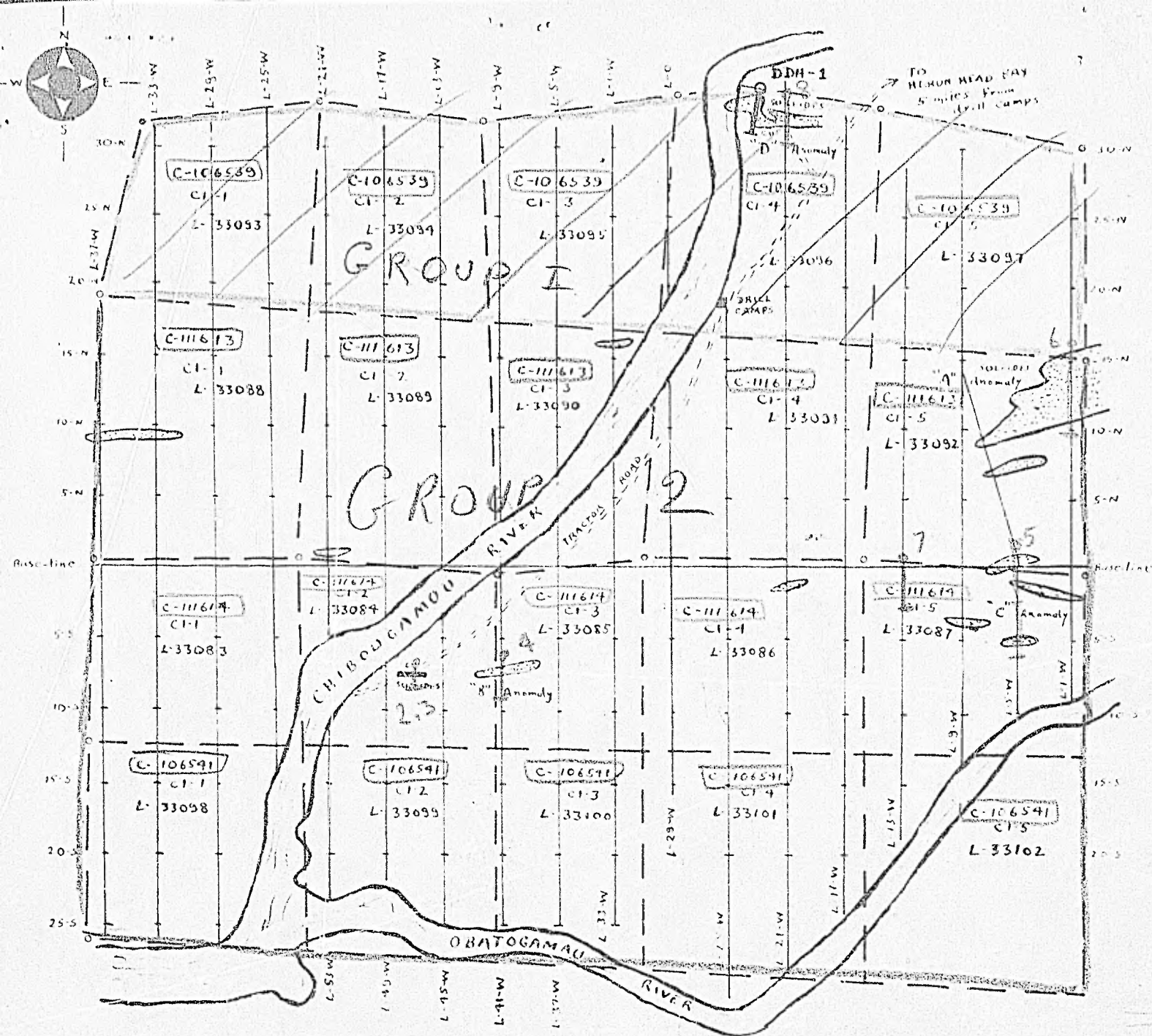


LIST OF SAMPLES, HOLE 8

#7559  
#7560

61.5-64.0

Au            Ag



Sketch of Property of  
 RIDGEFIELD URANIUM MINING CORPORATION LIMITED  
 Saussure Township Chibougamou  
 Scale: 1" = 1000'  
 February, 1957

Showing magnetic anomalies

QUEBEC DEPARTMENT OF MINES  
 MAY 6 1957  
 MINERAL DEPOSITS BRANCH  
 No G M- 4711-B

PUBLIC

SOUS-MINISTRE DES MINES  
 1957  
 REC