

Diamond Drilling



010

Township of VOGT

Report NO: 11

Work performed by: Aubay Uranium Mines Limited

| Claim NO | Hole NO | Footage | Date | Note |
|----------|---------|---------|---------|------|
| T 35228 | 1 | 91' | Apr/55 | |
| | 2 | 13' | May/55 | |
| | 3 | 254' | May/55 | |
| | 4 | 229' | May/55 | |
| | 5 | 305' | Sept/55 | |
| T 37009 | 6 | 110' | Nov/55 | |
| | 7 | 714' | July/56 | |

7 DH 1716 FT

Notes:

DIAMOND DRILL RECORD

Hole No. 1 Sheet No. 1 Co-ordinates Collar
 Property Aubay Lat. _____ Dep. _____
 Drilled by C. Nismetz Elev. Collar _____
 Date Begun April 24, 1955 Bearing South
 Date Finished April 27, 1955 Angle 77°
 Contractor's Footage 99' Working Place Claim T. 35228
 Total Depth 99'
 Ft. of Core Recovered _____
 % Recovery _____
 Size Bit Used _____
 Size Core EXT 7/8

| Depth Feet | Formation | Sample No. | Width | Ozs. Au. | % Cu. | % Ni. |
|------------|--|------------|-------|----------|-------|-------|
| 0.0 | <u>Casing</u> | | | | | |
| 16.0 | | | | | | |
| 16.0 | <u>Quartzite: gray impure quartzite,</u> | | | | | |
| 26.0 | <u>silicified and sheared. This formation correlates with pre-cobalt sediments. Nearby outcrops show Keewatin greenstone basement rock and basal conglomerate overlying.</u> | | | | | |
| 26.0 | <u>Pebble Conglomerate: quartz and</u> | | | | | |
| 35.5 | <u>chert pebbles, semirounded, scattered through quartzite. Sparsely mineralized with pyrite, pyrrhotite and chalcopyrite.</u> | | | | | |
| | <u>SAMPLE - 28.0 - 35.5</u> | <u>76</u> | | | | |
| 35.5 | <u>Quartzite: as above with few</u> | | | | | |
| 91.0 | <u>narrow slate bands @ 30° to core. Slips pyritized. @ 91.0' - 4" angular pebbles, no radioactivity. Few scattered pebbles in last 7'.</u> | | | | | |
| | <u>HOLE END - 91.0'</u> | | | | | |
| | <u>Note: Hole stopped at property boundary.</u> | | | | | |



Log By [Signature]
 for E. L. MacVEIGH

DIAMOND DRILL RECORD

222

| | | | |
|------------------------------------|-------------------------------------|--------------------------|-----------------------------|
| Hole No. 3 | Sheet No. 1 | Co-ordinates Collar | Total Depth 254.0' |
| Property Aubay | Drilled by C. Mienetz | Lat.: Dep. | Ft. of Core Recovered |
| Date Begun May 4th, 1955 | Date Finished May 10th, 1955 | Elev. Collar | % Recovery |
| Contractor's Footage 254.0' | Working Place Claim | Bearing S. 45° W. | Size Bit Used |
| | | Angle 64° | Size Core EXT. |

| Depth Feet | Formation | Sample No. | Width | Ozs. Av. | % Ca. | % Ni. |
|------------|---|------------|-------|----------|-------|-------|
| 0.0 | Casing | | | | | |
| 6.0 | | | | | | |
| 6.0 | Slate: Dense grained, sheared, | | | | | |
| 15.0 | gray rock. | | | | | |
| 15.0 | Slate & Graywacke with Scattered | | | | | |
| 60.0 | Pebbles: slate banded at 30° to 45° to core. Pebble sub-angular, whole rock shows shearing. | | | | | |
| | Greenish alteration may be chlorite. | | | | | |
| 60.0 | Slate & Graywacke: banded as above | | | | | |
| 85.0 | but showing granite pebbles and boulders up to 6" in diameter. | | | | | |
| 85.0 | Banded Slate, Graywacke & Quartz- | | | | | |
| 110.0 | ite: with larger granite pebbles and smaller sub-angular chert fragments. Few small calcite veinlets. | | | | | |
| 110.0 | Conglomerate: massive gray rock | | | | | |
| 128.5 | with numerous pebbles rounded to angular. Most pebbles appear to be granitic or chert. | | | | | |
| 128.5 | Conglomerate: silicified rock with | | | | | |
| 133.5 | quartz and chert pebbles showing some pyrite and sericite, split core shows no reaction on scintillometer | 77 | | | | |
| 135.0 | Quartzite: even grained gray rock | | | | | |
| 188.0 | with some chlorite streaks. | | | | | |
| | ⊙ 153' 1" slate band ⊙ 30° to core. | | | | | |
| | ⊙ 181' 4" quartz pebbles. | | | | | |

Log By
for B. L. MacVEIGH

ISLAND 364

Lake Timagami

Vogt township

On October 14th, 1960, the writer examined the core from a hole recently drilled by Chris. Niemetz across the iron formation on Island 364. A similar hole was drilled by him in 1957 through the same band of iron formation, on the adjacent mainland to the east. Niemetz brought the core by boat from his home on Island 191 to Dewey Derosier's dock on Island 203 where it was seen by the writer.

Niemetz did not bring the first 100 feet of the core which he said was all conglomerate. A summary log of the core is as follows:

- 100 - 110 feet - Conglomerate (Cobalt series).
- 110 - 147.5 " - Incipient Iron Formation, siliceous bands predominate. Occ. bands of green tuff. The number of narrow magnetite bands increasing. Erratic stringers of pyrite.
- 147.5 - 201 " - Iron Formation (Est. 25-30% Fe) 1/8" to 1/4" alternating bands of magnetite and silica.
- 201 - 220.5 " - Iron Formation better grade (Est. 30-35% Fe), some jasper bands.
- 220.5 - 240 " - Iron Formation (Est. 25-30% Fe)
- 240 - 251.5 " - Incipient Iron Formation, siliceous bands predominate.
- 251.5 - 254 " - Badly shattered core, banded tuff? Banding 20° from normal to the core.
- 254 - - End of Hole.

June 4th, 1964

W. S. Savage,
Resident Geologist.

DIAMOND DRILL RECORD

246

Hole No. 4 Sheet No. 1 Co-ordinates Collar
 Property Aubay Lat. : Dep.
 Drilled by C. Niemetz Elev. Collar
 Date Begun May 13, 1955 Bearing S 80° E
 Date Finished May 18, 1955 Angle 68°
 Contractor's Footage 226.0' Working Place Claim T. 35228

Total Depth 226.0'
 Ft. of Core Recovered
 % Recovery
 Size Bit Used
 Size Core EXT

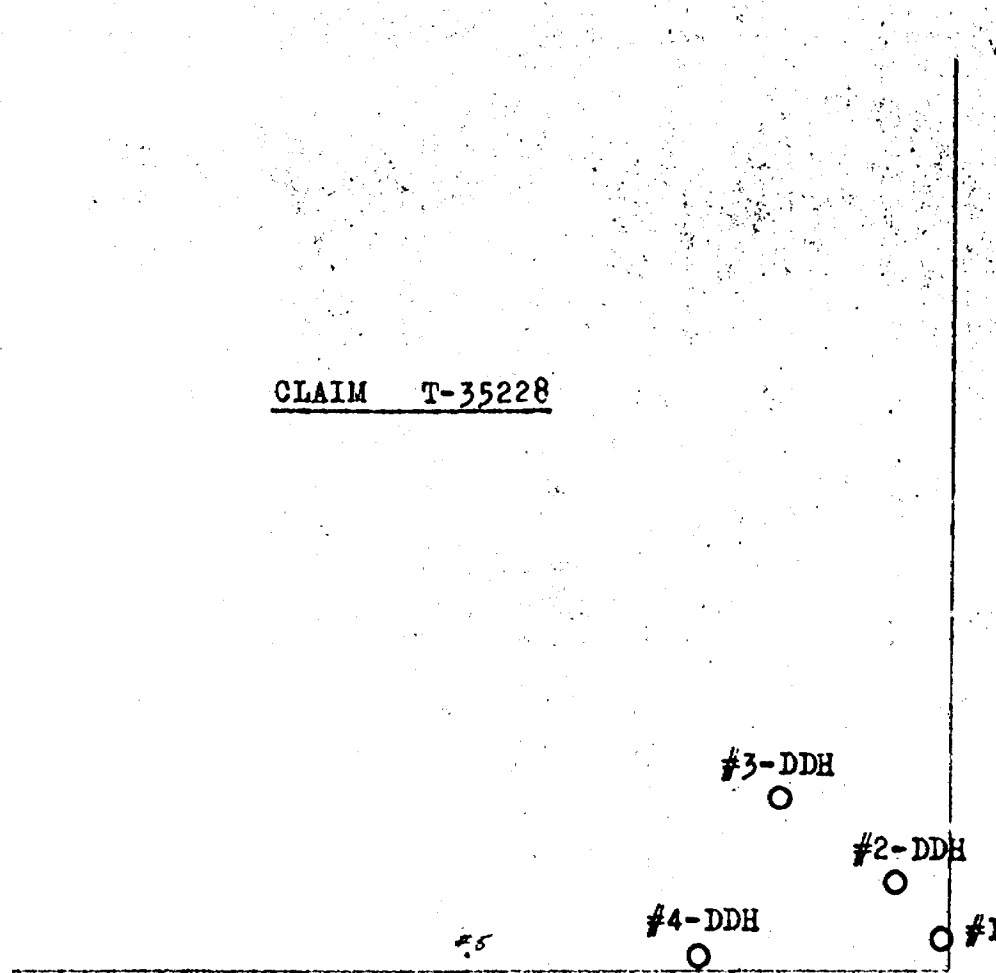
| Depth Feet | Formation | Sample No. | Width | Ozs. As. | % Cu. | % Ni. |
|------------|---|------------|-------|----------|-------|-------|
| 0.0 | Casing | | | | | |
| 4.0 | | | | | | |
| 4.0 | Slate & Graywacke: Banded slate | | | | | |
| 75.0 | and coarse grit. Bedding at 30° to core. Rock sheared and chloritized. Few granite pebbles. | | | | | |
| 75.0 | Slate & Graywacke: increasing | | | | | |
| 128.0 | amount of small pebbles and fragments of quartz and chert. 10" granite boulder @ 102.0'. | | | | | |
| 128.0 | Quartzite: hard silicified gray | | | | | |
| 198.7 | rock, massive and even grained. Few narrow slate beds @ 30° to core, rare small pebble. | | | | | |
| 198.7 | Pebble Conglomerate: silicified | | | | | |
| 206.5 | and pyritized with some sericite, chalcopyrite and pyrrhotite. | | | | | |
| | SAMPLES 198.5' - 201.5' | 84 | | | | |
| | 201.5' - 206.5' | 85 | | | | |
| 206.5 | Banded Chert: 30° to core | | | | | |
| 209.0 | | | | | | |
| 209.0 | Pebble Conglomerate: silicified | | | | | |
| 211.5 | and mineralized as above. | 86 | | | | |
| 211.5 | Banded Chert: 30° to core. | | | | | |
| 213.5 | | | | | | |
| 213.5 | Pebble Conglomerate: silicified | | | | | |
| 217.0 | and mineralized as above. | | | | | |
| | SAMPLES 213.5' - 217.0' | 87 | | | | |
| | 217.0' - 219.0' | 88 | | | | |
| 217.0 | Greenstone: basement rock, sheared | | | | | |
| 221.0 | and chloritized lava. | | | | | |
| 221.0 | Lost Core. | | | | | |
| 229.0 | | | | | | |
| | HOLE END - 229.0' | | | | | |

Log By *E. MacVigh*
 for E. L. MacVIGH



North

CLAIM T-35228

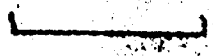


No. 2 Post of
Claim T.35228

AUBAY MINES LIMITED

Sketch Showing Drill Hole Locations For Assessment Recording

SCALE 1" to 200'



August 1st, 1955
E. L. MacVeigh

DIAMOND DRILL RECORD

PROPERTY PROSCO-AUBAY HOLE NO. 5

SHEET NUMBER 1 SECTION FROM 0 TO 301 STARTED Sept 10/55
 LATITUDE 2005' West of Hole 4 DATUM _____ COMPLETED Sept. 16/55
 DEPARTURE 470ft. " of Post 2 BEARING N 70° W. ULTIMATE DEPTH 505 ft.
 ELEVATION claim T-35228 DIP -65° PROPOSED DEPTH _____

| DEPTH FEET | FORMATION | SAMPLE NO. | WIDTH OF SAMPLE | GOLD g | SLUDGE GOLD g | U ₃₀₈₉ |
|------------|--|------------|-----------------|--------|---------------|-------------------|
| 0-14 | Casing | | | | | |
| 14-202 | Greywacke and Conglomerate (Gowganda-type) Consisting primarily of greywacke, occasionally sheared, with irregularly spaced pebbles and cobbles of granite, diorite and ^{occasional} traces quartz and quartzite. | | | | | |
| 202-292 | Arkose, impure Quartzite or "Grit" - containing minor, disseminated pyrite. | | | | | |
| | 292-294 Slightly radioactive. | 93 | 2' | Tr | — | 0.003 |
| 294-301 | Quartz Pebble Conglomerate Consisting of 1 in. ± rounded to angular pebbles of quartz and iron formation in a siliceous, sericitic, chloritic matrix. Pyrite, pyrrhotite and chalcopyrite occur in the matrix, local concentrations of up to 15% sulphides. | | | | | |

DRILLED BY C. J. Niemetz

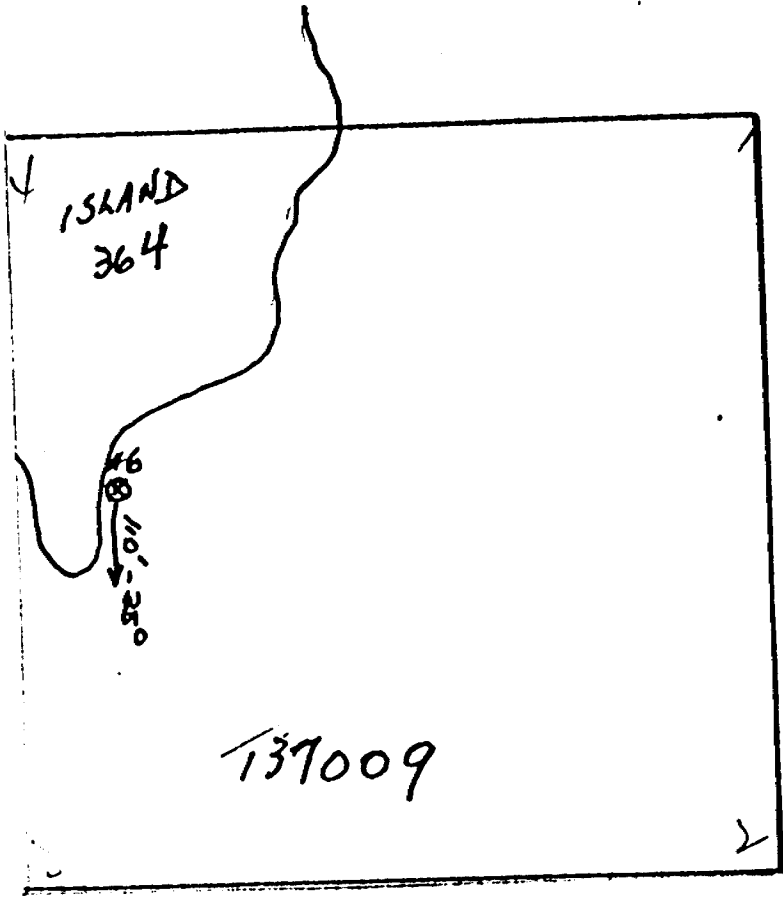
SIGNED [Signature]

DIAMOND DRILL RECORD

Hole **6** Sheet No. **1** S. Tip of Island #364
 Property **Niemetz** Co-ordinates Collar
 Drilled by **C. Niemetz** Lat. Dep.
 Date Begun **Nov. 9, 1955** Elev. Collar
 Date Finished **Nov. 12, 1955** Bearing **South**
 Contractor's Footage **110.0'** Angle **35** Size Bit Used **EXT**
 Working Place **Voght. Twp., Claim T37009** Total Depth **110.0'**
 Ft. of Core Recovered
 Size Core

| Depth Feet | Formation | Sample No. | Width | Ozs. Au. | % Cu. | % Ni. |
|------------|--|------------|-------|----------|-------|-------|
| 0.0 | <u>RHYOLITE</u> - Highly siliceous rock showing scattered fragments in a dense grained matrix. Shearing present at 20° to core. Little pyrite nests in core. | | | | | |
| 27.0' | | | | | | |
| 27.0 | <u>RHYOLITE</u> - As above with some flow structure showing dip at 30° to core. Some replacement sulphides present of pyrite, chalcopyrite & pyrrhotite. Total sulphides less than 1%. | | | | | |
| 55.0 | | | | | | |
| 55.0 | <u>RHYOLITE</u> - Multi-coloured rock showing strong banding @ 20° to core, may be partly shearing. | | | | | |
| 59.3 | | | | | | |
| 59.3 | <u>CHLORITIZED RHYOLITE</u> - Heavily pyritized and showing some quartz and calcite. | | | | | |
| 60.8 | | | | | | |
| 60.8 | <u>RHYOLITE</u> - Banded as above. | | | | | |
| 66.5 | | | | | | |
| 66.5 | <u>LAMPROPHYRE DYKE</u> - Dark gray rock showing mica. Upper contact 30° to core, lower contact 70° to core. | | | | | |
| 72.5 | | | | | | |
| 72.5 | <u>RHYOLITE</u> - Banded as above. | | | | | |
| 75.0 | | | | | | |
| 75.0 | <u>RHYOLITE</u> - Showing chloritized sections well mineralized with chalcopyrite & pyrite. See 75.6' - 76.0' and 78.5' - 79.4'. Some clacite and quartz present. | | | | | |
| 80.0 | | | | | | |
| 80.0 | | | | | | |
| 82.5 | <u>LOST CORE</u> | | | | | |

Log By *E. MacVeigh*
 for E. L. MacVEIGH

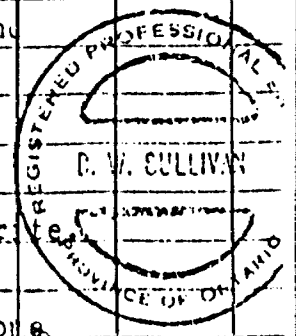


DIAMOND DRILL HOLE LOG

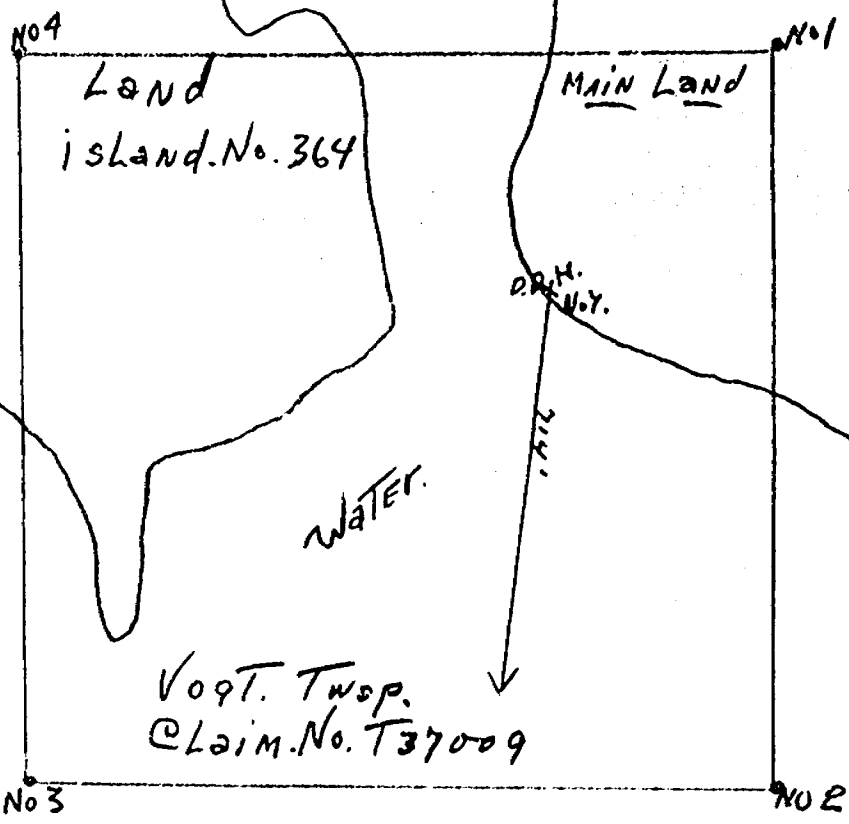
Property Aubay Uranium Mines Ltd. Hole No. 7
 Dip 45 degrees Location Vogt Township Depth 714
 Started July 24, 1956 Completed August 5, 1956 Logged By D.W. Sullivan
P.Eng (Ontario)



| FROM | TO | DESCRIPTION | WIDTH | % | | | |
|------|-------|--|-------|-----|--|--|--|
| | | Bearing of Hole is S12W, EXT core 7/8" core | | | | | |
| 0 | 90 | Highly bedded argillite and graywacke. No core 33 1/2 to 35' | 67' | 68' | | | |
| | 101 | Mixed argillite and impure quartzite. Some scattered small pebbles and traces of sulphides. | | | | | |
| | 166 | Gritty quartzite with some thin beds of argillite. Minor shearing and faulting as at 117'. Occasional quartz pebble and calcite stringer. Traces of pyrite and chalcopryite. No core 156' to 157'. | | | | | |
| | 199 | Pebble conglomerate of Cobalt Series. Pebbles 1/8" to 8" of red granite. 6" band of mineralized sediments at 196' and from 198' to 199'. | | | | | |
| | 315 | Banded Iron Formation at 45 deg. to core axis. Some pyrite and pyrrhotite along bedding or banding up to 273'. Some epidote alteration in places. Some beds of jasper. Minor faulting and contorted beds in places. From 312' to 315' there is considerable sulphides, mostly pyrite. At lower contact of I.F. sampling indicated traces of copper and nickel, 0.3% Cu, 0.2% Ni. | | | | | |
| | 352 | Sheared volcanics rhyolite and tuffs. Some sulphides pyrite and pyrrhotite. | | | | | |
| | 450 | Volcanic tuff and agglomerate. Some rhyolite. Contact at 352' shows some hematite stain with calcite. Bedding at 45 degs, to core axis. | | | | | |
| | 546.5 | Siliceous tuff and agglomerate. | | | | | |
| | 552 | Dark green, fine grained dyke. Lamprophyre. | | | | | |
| | 650 | Volcanic tuff and rhyolite. Some scattered pyrite, pyrrhotite, chalcopryite. Some reddish feldspar (feldspathized). Rock softer than above. | | | | | |
| | 714' | Volcanics as above but more hematite, carbonate and mica indicating some metamorphism from nearby intrusive. END OF HOLE. | | | | | |



Drilled By C. Nimitz Diamond Drilling, Temagami, Ontario. Engineer D.W. Sullivan, P.Eng.



RECEIVED
 SEP 20 1956
 TEMISKAMING
 MINING DIVISION