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Armstrong H.S., Gittins J. 1968. Glamorgan township, Haliburton County; Ontario Department of Mines, Preliminary Map P.0059, scale 1:31 680.

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# GLAMORGAN TOWNSHIP

HALIBURTON COUNTY

Scale 1 inch to 1/2 mile

N.T.S. Reference: 31 D/15, 31 D/16, 31 E/1  
G.S.C. Aeromagnetic Maps: 99C, 146G, 110G

## LEGEND

- CENOZOIC**  
PLEISTOCENE AND RECENT  
Sand, gravel and clay
- UNCONFORMITY
- PRECAMBRIAN**
- PLUTONIC ROCKS**
- GRANITIC ROCKS**
- 8 Pink and white leucogranite; granite gneiss  
8b Biotite granite; biotite granite gneiss  
8h Hornblende granite; hornblende granite gneiss  
8H Hybrid granite gneiss, (interbanded granite gneiss and metasediment); granitized gneiss  
8P Granite pegmatite; pegmatitic granite
- SYENITIC ROCKS**
- 7 Pink and white leucosyenite; syenite gneiss  
7b Biotite syenite; biotite syenite gneiss  
7h Hornblende syenite; hornblende syenite gneiss  
7H Hybrid syenite gneiss, (interbanded syenite gneiss and metasediment); feldspathized gneiss  
7P Syenite pegmatite
- NEPHELINE-BEARING ROCKS**
- 6 Sy Hypersolvus nepheline syenite with igneous texture  
6b Biotite nepheline gneiss  
6h Hornblende nepheline gneiss  
6i Ijolite; massive nepheline-pyroxene rock  
6e Nepheline-poor gneiss  
6P Nepheline pegmatite  
6Th Theralitic canadite (nepheline gabbro)
- MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS**
- 4 4Di Diorite  
4Gb Gabbro  
4Tr Troctolite  
4Per Peridotite  
4Px Pyroxenite  
4Mg Metagabbro  
4Am Amphibolite  
4Db Diabase
- METASEDIMENTS**
- MARBLE**
- 3 Crystalline limestone; dolomite; marble  
3d Diopside marble  
3p Phlogopite marble  
3g Graphite marble  
3Ch Chondrodite marble  
3S Calc-silicate rock; calc-silicate - calcite rock
- PARAGNEISS-AMPHIBOLITE GROUP**
- 2 2A Para-amphibolite; hornblende - rich gneiss; hornblende-plagioclase gneiss  
2F Feldspathic paragneiss; quartzo-feldspathic paragneiss  
2P Paragneiss; 2Pc, calcareous paragneiss; 2Ph hornblende paragneiss (less hornblende than 2A); 2Pg, garnet paragneiss  
2Q Quartzite; 2Qp, pyroxene quartzite; 2Q Act, actinolite quartzite

- GEOLOGICAL AND MINING SYMBOLS**
- \* Small bedrock outcrop.      / Geological boundary, observed.  
 [ ] Area of bedrock outcrop.      - - - Geological boundary, position interpreted.  
 [ ] Bedding, top unknown; (inclined, vertical).      [ ] Anticline, syncline, with plunge.  
 [ ] Gneissosity, (horizontal, inclined, vertical).

**MINERAL OCCURRENCES REFERENCE\***

Fe	.....	Iron	Mo	.....	Molybdenum
fel	.....	Feldspar	ne	.....	Nepheline
mi	.....	Mica	st	.....	Building stone

\* Locations approximate, mostly from Satterly (1943).

- LIST OF URANIUM PROPERTIES**  
(as of 1956)
- \*1 Bancroft Uranium Mines Ltd.  
2 Cassiar Rainbow Gold Mines Ltd.  
3 Nu-Cycle Uranium Mines Ltd.  
4 Nu-World Uranium Mines Ltd.
- \* Not described in Open File Report 5021 (see Satterly 1956)

- REFERENCES**
- Adams, F.D., and Barlow, A.F.  
1910: Geology of the Haliburton and Bancroft area, Province of Ontario; accompanied by Map No.708, Haliburton sheet; Geol. Surv. Canada, Mem.6.
- Hewitt, D.F.  
1960: Nepheline syenite deposits of southern Ontario; Ontario Dept. Mines, Vol.69, pt.8.
- Satterly, J.  
1943: Mineral occurrences in the Haliburton area; Ontario Dept. Mines, Vol.52, pt.2.  
1956: Radioactive mineral occurrences in the Bancroft area; Ontario Dept. Mines, Vol.65, pt.6.

- SOURCES OF INFORMATION**
- Geology by H.S. Armstrong and assistants, 1952, 1955, 1956, and J. Gittins 1965, 1966, 1967.
- Base map derived from maps of the Forest Resources Inventory, Ontario Department of Lands and Forests with additional information by J. Gittins from recent air photographs.
- Lot and concession lines very approximate.  
Geology not tied to surveyed lines.  
Magnetic declination approx. 9°30'W, 1965.
- Issued 1960. Revised edition issued 1968.

