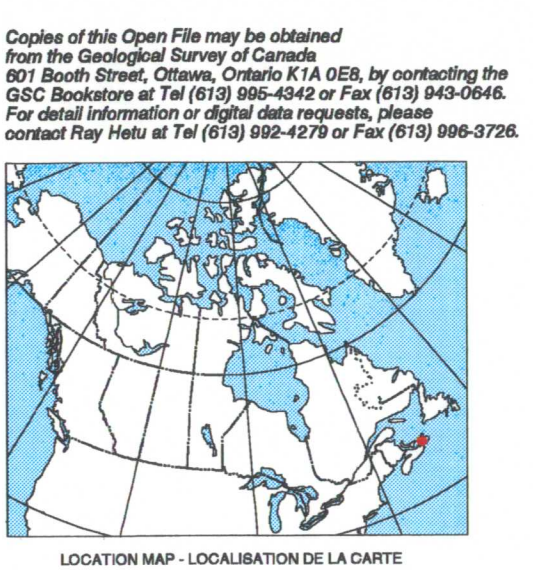
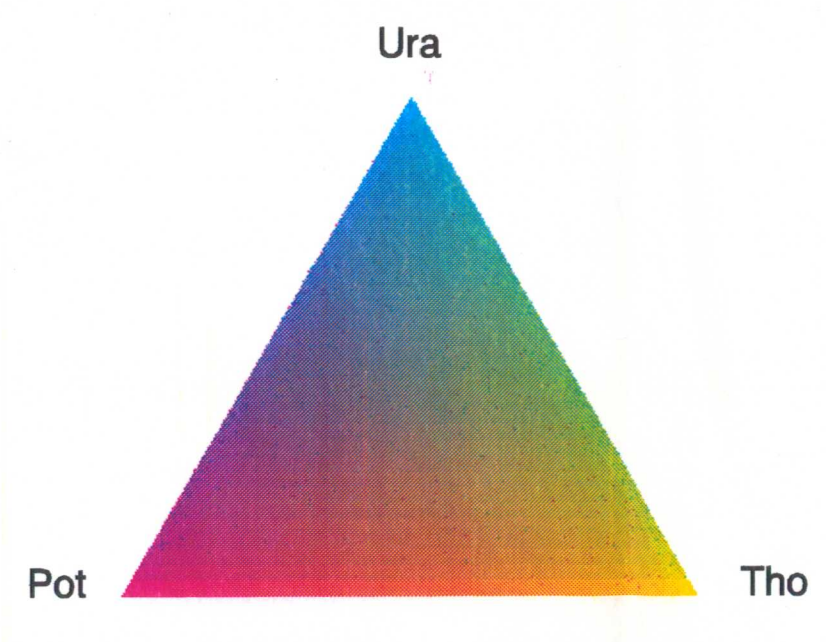


- Mineral Occurrence Legend**
- Recorded Mineral Occurrences (# 646)
  - ⊕ Copper (338 occurrences)
  - ⊕ Iron (281 occurrences)
  - ⊕ Zinc (189 occurrences)
  - ⊕ Silver (85 occurrences)
  - ⊕ Lead (70 occurrences)
  - ⊕ Molybdenum (46 occurrences)
  - ⊕ Bismuth (45 occurrences)
  - ⊕ Arsenic (40 occurrences)
  - ⊕ Gold (28 occurrences)
  - ⊕ Tungsten (24 occurrences)
  - ⊕ Manganese (21 occurrences)
  - ⊕ Nickel (9 occurrences)
  - ⊕ Tin (6 occurrences)
  - ⊕ Antimony (4 occurrences)

**NOTE:** This map identifies the major metallic mineral occurrences on Cape Breton Island. Of the 646 mineral occurrences listed in the NSDNR mineral occurrence database many are not plotted. For example, the industrial minerals, i.e. slate, gypsum, salt, etc. are not shown. In addition, when several occurrences were listed in the database with the same occ. number, only one symbol was plotted to represent the group. The mineral occurrence information is only provided as base level data to assist the interpretation of the geophysical results. For detailed information contact NSDNR, reference below.

**REFERENCE**  
1996: Nova Scotia Mineral Occurrence Database  
Nova Scotia Department of Natural Resources,  
Library, P.O. Box 606, Halifax, N.S., B3J 2T9

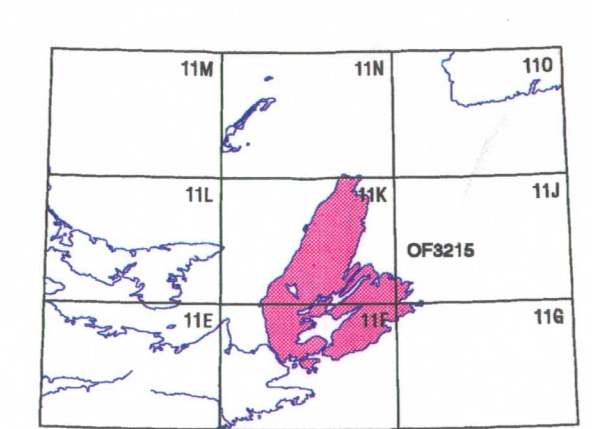


**Reference (Geology):**  
Lynch, G., Barr, S.M., Houlihan, T., and Giles, P., 1982: Geological Compilation, Cape Breton Island, Nova Scotia. Geological Survey of Canada, Open File 3159, scale 1:250 000.

**References (Gamma-ray surveys):**  
Geological Survey of Canada,  
1987: Geophysical areas maps of an airborne Gamma-ray Spectrometry survey with VLF and magnetics, Cape Breton Highlands, Nova Scotia, October. Geovis maps 3611(1), (2,3,6,7,9 & 10) scale 1:50 000.  
Ford, K.L., 1984: Multiparameter Geophysical Survey of Northern Cape Breton Island, Nova Scotia, April. G-series maps 3611(10), (11, 14, 15 & 16) and 3611(1), (2-5E & 4)G, scale 1:50 000.  
Ford, K.L., 1984: Multiparameter Geophysical Survey of Southeastern Cape Breton Island, Nova Scotia, April. G-series maps 3561(1), (2,3,6,7,9 & 10) and 3611(1), (2-5E & 4)G, scale 1:50 000.

**Airborne Gamma-ray Spectrometry Compilation**  
**Compilation de données de spectrométrie aéroportée par rayons gamma**  
**CAPE BRETON ISLAND**  
NOVA SCOTIA / NOUVELLE-ÉCOSSE  
**Ternary Radioelement Map**  
**Carte ternaire**  
Scale 1:250 000 - Échelle 1/250 000

Kilomètres 0 5 10 15 20 Kilomètres  
Projection transversale universelle de Mercator - Ceinture 20  
Projection transversale universelle de Mercator - Ceinture 20  
© Crown copyrights reserved



**Recommended Citation:**  
Hetz, R.J., Ford, K.L., and Holman, P.B., 1996: Airborne Gamma-ray Spectrometry Compilation, Ternary Radioelement Map, Cape Breton Island, Nova Scotia, Geological Survey of Canada, Open File 3215h, scale 1:250,000

This map has been reprinted from a scanned version of the original map.  
Reproduction par numérisation d'une carte sur papier

**OPEN FILE DOSSIER PUBLIC 3215h**  
GEOLOGICAL SURVEY OF CANADA  
COMMISSION GÉOLOGIQUE DU CANADA  
OTTAWA  
1996

Line spacing / Espacement des lignes = 1000 metres  
Digital cartography by R.J. Hetz and T. Houlihan (GSC)  
Cartographie numérique par R.J. Hetz et T. Houlihan (GSC)  
Surveys flown, compiled and funded by or for the Geological Survey of Canada under the Canada-Nova Scotia Mineral Development Agreements  
Ces levés ont été effectués, compilés et subventionnés par ou pour la Commission géologique du Canada sous les ententes Canada-Nouvelle-Écosse: les Ententes des exploitations minérales.  
Digital base map from Canada Centre for Geomatics published at the same scale. Generalized and modified by the Geological Survey of Canada