

LEGEND

- NASTAPOKA GROUP**
- 7** Mafic volcanics, unmapped, 100m or more thick
  - 6** Laminated and stromatolitic carbonate with intercalated 4m thick pyritic breccia zone, quartz arenite, grey arkose, shale; thickens south from 6m to about 100m  
Angular unconformity except 6 conformable on 4e
- RICHMOND GULF GROUP**
- 5a** mafic sills and 5b, mafic dykes cutting 1 to 4
  - 4** Thickness varied, up to over 500m;  
4a, basal red bed unit about 80m thick, of cross-bedded sandstone, rippled and mud-cracked siltstone and mudstone, with volcanic-cobble conglomerate generally 1-2m thick at base;  
4b, mainly pink cross-bedded arkose with pebbly arkose common in upper part of unit;  
4c, includes 4a, b;  
4c, mafic volcanic unit consisting of two flows;  
4d, consists of 4 where pyritised, mapped as a separate unit only in Lac Persillon area, 0-200m thick;  
4e, grey to white cross-bedded and parallel-bedded arkose inter-layered with dark grey siltstone and mudstone - of restricted occurrence
  - 3** Plateau basalt, amygdaloidal, vesicular, at least two flows, flow bases commonly massive or vesicular, locally pillowed; flow tops locally ropy or with flow top breccia, commonly showing concentric red weathering of columnar joints; local interflow clastic sediments include volcanogenic and quartzfeldspathic sandstone and mudcracked mudstone; 0-50m thick, rarely absent
  - 2** Pink cross-bedded arkose some of which is pebbly, minor green sandstone; minor red sandstone and conglomerates including hematitic quartz-pebble conglomerate, granitic orthoconglomerate and paraconglomerate near base; mudcracks in rare mudstone throughout unit; thickness variable, up to over 500m
  - 1** Nonconformity  
Granitic rocks (unmapped)

PROTEROZOIC (LATE APTHEBIAN)

ARCHEAN

**SYMBOLS**

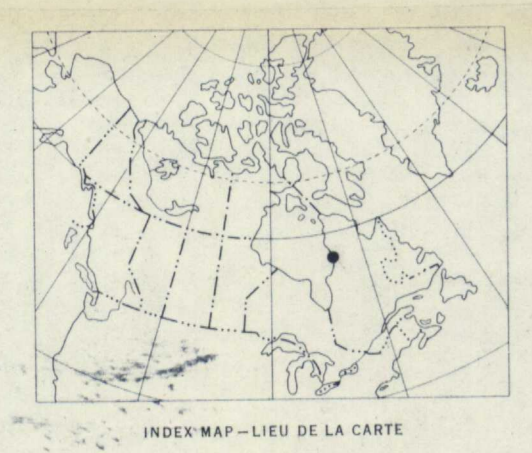
◆ ba, cp, ery, mc, py

- Occurrences of barite, erythrite, chalcocyanite, malachite and pyrite
- Fault; defined, approximate, assumed, circle shows downthrow
- Geological boundary; defined, approximate, assumed
- Limit of geological mapping
- Bedding; inclined, horizontal
- Anticline, with plunge
- Foliation inclined

Geology by F.W. Chandler 1977, 1978.  
A. Miller mapped part of Lac Persillon area in 1977.

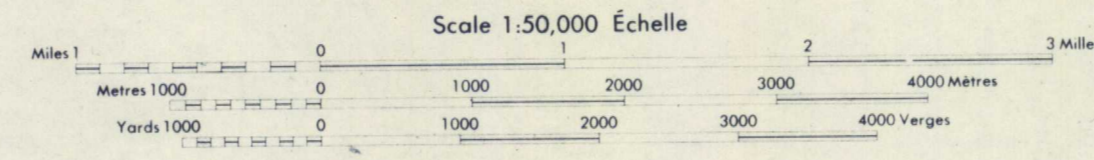
REFERENCE

Chandler, F.W. 1978. Geological environment of Apthebian rebeds of the north half of Richmond Gulf, New Québec, Geol. Surv. Canada, paper 78-1A, current Research part A, p. 107-110.



LAC PERSILLON mainly 34C/8  
NEW QUEBEC TERRITORY-TERRITOIRE DU NOUVEAU QUÉBEC  
QUÉBEC

ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL  
CONTOUR INTERVAL ..... 20 METRES



ELEVATIONS EN MÈTRES AU-DESSUS DU NIVEAU MOYEN DE LA MER  
EQUIDISTANCE DES COURBES ..... 20 MÈTRES

ETABLI PAR LA DIRECTION DES LEVÉS ET DE L'IGNITION DES RESSOURCES, OTTAWA, EN 1977  
LES CARTES SONT EN VENTE AU BUREAU DES CARTES DES RESSOURCES, OTTAWA, OU CHEZ LE VENDEUR  
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