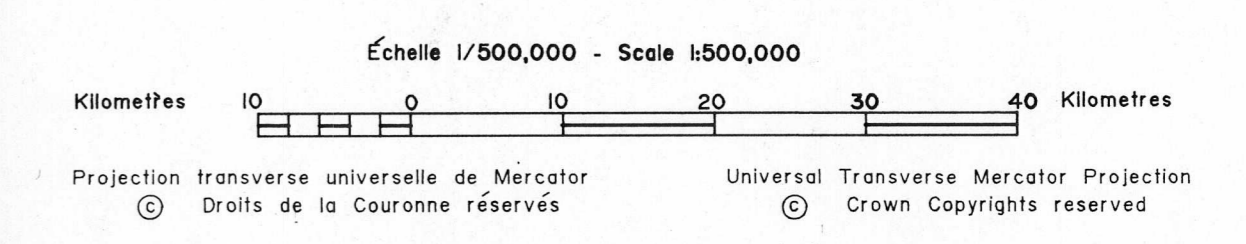


FIGURE 5
 SUMMARY GEOLOGY OF
 BROCK INLIER / BLUENOSE LAKE AREA*
 DISTRICT OF MACKENZIE
 NORTHWEST TERRITORIES



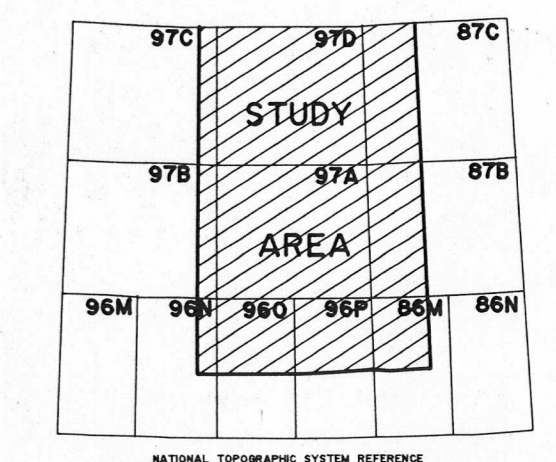
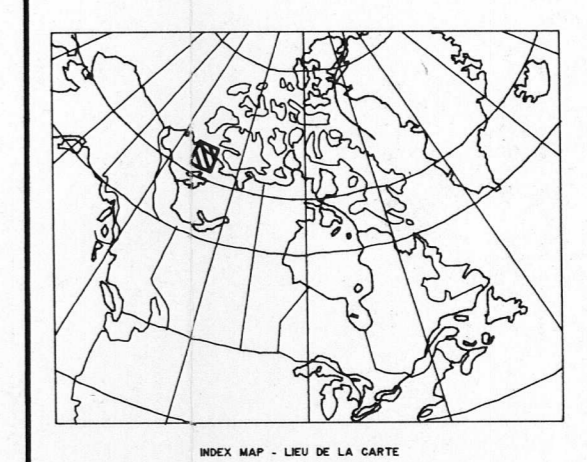
LEGEND

- CENOZOIC**
 TERTIARY/NEOGENE AND QUATERNARY
 MIOCENE TO HOLOCENE
 TQs BEAUFORT AND WORTH POINT FORMATIONS
 Quaternary sediments
- MESOZOIC**
 CRETACEOUS
 LOWER CRETACEOUS
 KHR HORTON RIVER FORMATION
 KLB LANGTON BAY FORMATION
- PALEOZOIC**
 DEVONIAN
 UPPER DEVONIAN
 DHI HARE INDIAN FORMATION
 MIDDLE DEVONIAN
 DH HUME FORMATION
 DBR BEAR ROCK FORMATION
 ORDOVICIAN AND SILURIAN
 UPPER ORDOVICIAN TO UPPER SILURIAN
 OSC MOUNT KINDLE FORMATION
- ORDOVICIAN**
 LOWER ORDOVICIAN
 OFM FRANKLIN MOUNTAIN FORMATION (upper member)
 CAMBRIAN AND ORDOVICIAN
 UPPER CAMBRIAN AND LOWER ORDOVICIAN
 COFM FRANKLIN MOUNTAIN FORMATION (undivided)
 COFMm FRANKLIN MOUNTAIN FORMATION (middle member)
 CAMBRIAN
 UPPER CAMBRIAN
 CFM FRANKLIN MOUNTAIN FORMATION (lower member)
 MIDDLE CAMBRIAN
 CSR SALINE RIVER FORMATION
 mEMC MOUNT CAP FORMATION
 LOWER CAMBRIAN
 IEMC MOUNT CLARK FORMATION
 COFI OLD FORT ISLAND FORMATION
- HADRYNIAN**
 NEOHADRYNIAN
 Hib P₆ gabbro, dykes, and sills
 PALEOHADRYNIAN
 SHALER GROUP (H_{ip} to H_{ic}) H_{hr} RAE GROUP (undivided)
 H_{ice} P₅ carbonate, evaporite
 H_{ic} P₄ undivided carbonate
 H_{icu} P_{4,c,d} grey and tan limestone and dolostone
 H_{icl} P_{4,e,b} undivided orange stromatolite and quartzite
 H_{iq} P₃ quartzite
 H_{ict} P₂ carbonate, chert
 H_{ip} P₁ pelite
- NEOHELKIAN**
 N_v COPPERMINE RIVER GROUP (undivided basalt and clastic rocks)
 N_c DISMAL LAKES GROUP (undivided carbonate rocks)

Areas with thick drift cover.....
 Geological boundary (approximate, assumed).....
 Normal fault, solid circle on hanging wall
 (approximate, assumed).....
 Thrust fault, teeth on hanging wall
 (approximate, assumed) null point.....
 Anticline (approximate, assumed).....
 Syncline (approximate, assumed).....

Geology is modified from Okulitch (1991) based on additional field work by T. A. Jones and C. W. Jefferson. Additional data and contacts from Cook and Aitken (1969, 1971). Geological control is variable across the map sheet; in large areas of no outcrop geology is assumed. The authors would welcome any additional information provided by users.

Drawing Prepared By: A. J. Robinson & Associates Inc. Kanata, Ontario CONSULTING ENGINEERS (613) 592-6060



OPEN FILE
 DOSSIER PUBLIC
 2434
 GEOLOGICAL SURVEY OF CANADA
 COMMISSION GÉOLOGIQUE DU CANADA
 OTTAWA

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

BROCK INLIER / BLUENOSE LAKE AREA
 DISTRICT OF MACKENZIE
 NORTHWEST TERRITORIES