

LEGEND

- Gabbro sheets/diabase dykes, in part interpreted from aeromagnetics
- HELIKIAN**
- ALGAAK FORMATION : arkose, siltstone
- EKALLUJIA FORMATION : basalt flows
- KANUYAK FORMATION : dolomite
- PARRY BAY FORMATION : dolomite, grey shale
- ELLICE FORMATION : kaolinitic quartzite and conglomerate
- TINNEY COVE FORMATION : arkose, polymictic conglomerate
- APHEBIAN (Goulburn Group)**
- Intrusive sedimentary breccia
- AMAGOK FORMATION : arkose, minor conglomerate
- BROWN SOUND FORMATION : arkose, siltstone, minor basalt flows
- OMINGMAKTOOK MEMBER : solution collapse breccia
- KUUVIK FORMATION : stromatolitic and clastic carbonate
- PEACOCK HILLS FORMATION : mudstone rhythmites
- QUADYUK FORMATION : stromatolitic carbonate
- MARA FORMATION : siltstone, sandstone, hematitic ironstone, plioitic dolomite
- BURNSIDE RIVER FORMATION : quartzite, conglomerate, minor siltstone, dolomite
- WESTERN RIVER FORMATION : quartzite, argillite, siltstone, dolomite
- Massive to foliated granitic rocks
- Gneiss, in part derived from 1 and 2
- Metasedimentary rocks
- Metavolcanic rocks

- Geological contact (approximate)
- Bedding (inclined, vertical)
- Fault (assumed)
- Mineral deposit number (letter/number prefix denotes N.T.S. grid, see index map)

MINERAL DEPOSIT SYMBOLS

- Stratabound
- Disseminations and stockworks
- Veins, quartz-carbonate with precious metals
- Veins, base metal sulphides
- Veins and disseminations of native copper
- Veins, pitchblende, chalcocite, arsenides, native silver
- Pegmatitic deposits
- Other

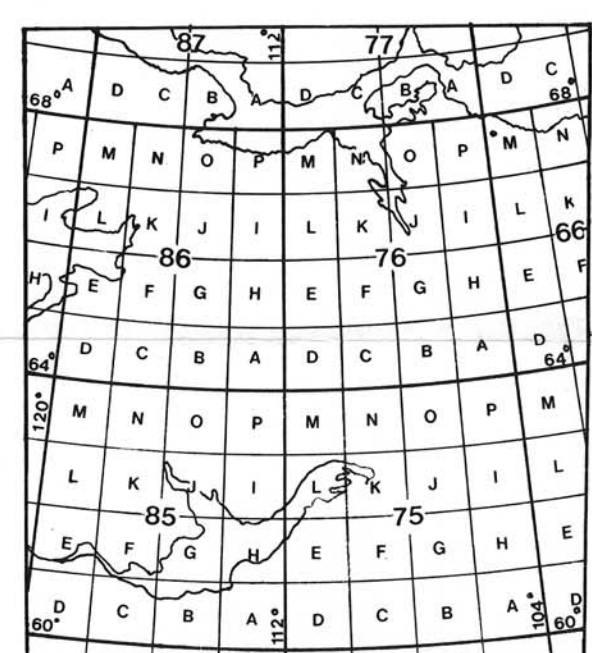
Ag - Silver	Ni - Nickel
Au - Gold	Pb - Lead
Cu - Copper	Sn - Stannite
Fe - Iron	U - Uranium

Geology compiled from J.A. Fraser 1983, G.S.C. Map 45-1963;
F.H.A. Campbell and M.P. Geole 1976, Open File Report # 332;
C.W. Jefferson et al., prelim. Geol. Map 76 K/2, DINA, EGS 1976-6;
Compilation by S.M. Roscoe and A.B. Taylor

Scale 1:250 000 Échelle
Kilomètres 0 5 10 15
Miles 0 5 10 15
Universitè Transmanitè Projection Projection Transmanitè de l'Universitè
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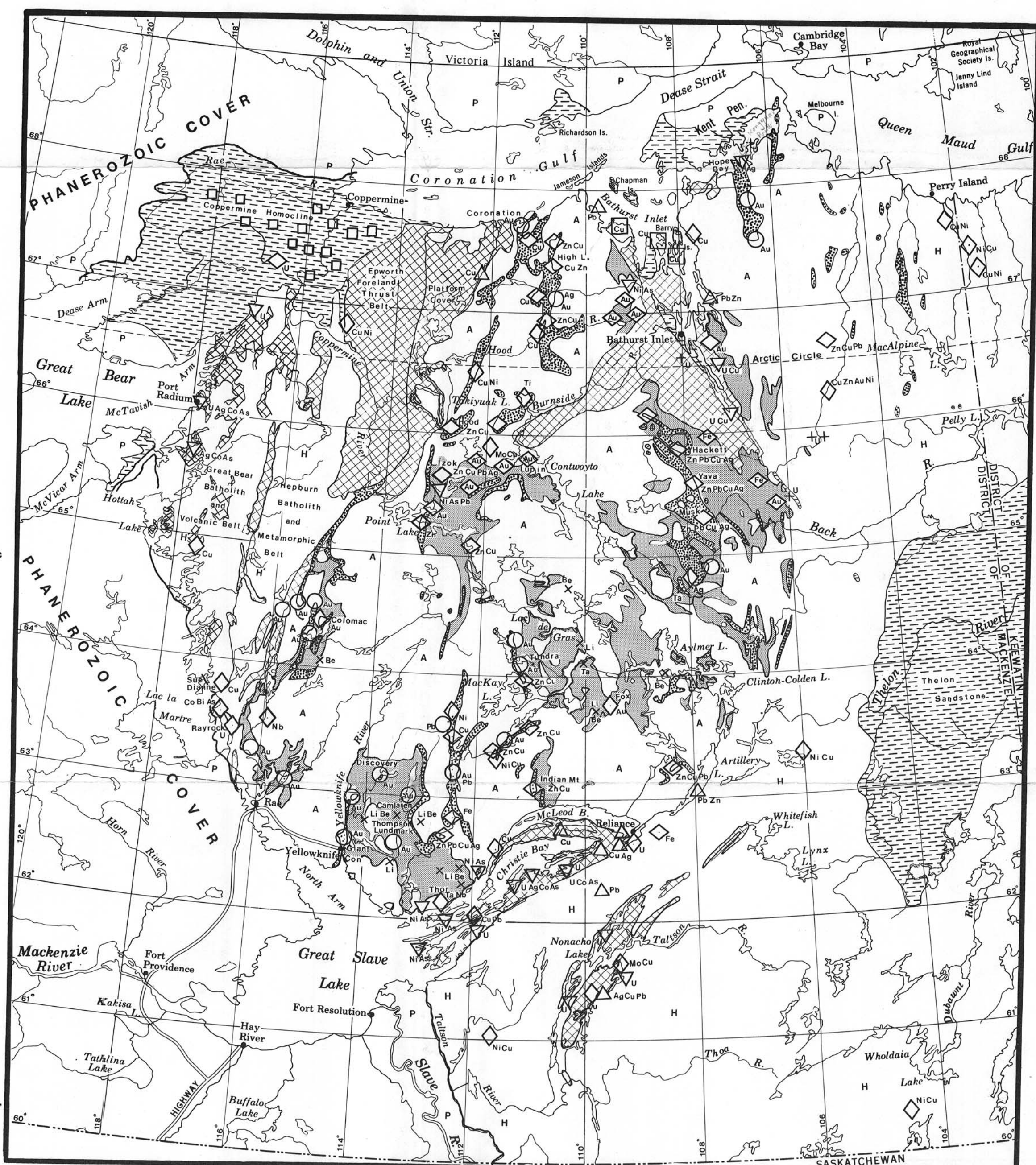
GEOLOGY AND MINERAL DEPOSITS
BATHURST INLET AREA
District of Mackenzie N.T.S. 76/J,K,N,O
Figure 1



- Helikian strata
- Aphenian strata, minor intrusions
- Archean metasedimentary rocks
- Archean metavolcanic rocks
- Phanerozoic cover
- H - Aphenian igneous and metamorphic rocks
- H - Rocks (mainly Archean) metamorphosed in Aphenian time
- A - Archean granitoid rocks and gneisses
- Stratabound
- Disseminations and stockworks
- Veins, quartz-carbonate with precious metals
- Veins, base metal sulphides
- Veins and disseminations of native copper
- Veins, pitchblende, chalcocite, arsenides and native silver
- Pegmatitic deposits
- Other

Ag - Silver	Li - Lithium
As - Arsenic	Mo - Molybdenum
Au - Gold	Ni - Nickel
Ba - Barium	Pb - Lead
Bi - Bismuth	Ta - Tantalum
Co - Cobalt	U - Uranium
Cu - Copper	Zn - Zinc
Fe - Iron	

Geology derived from maps and reports of the Geological Survey of Canada and mineral deposit data from files of Department of Indian and Northern Affairs. Compiled by S.M. Roscoe and A.B. Taylor, 1981



SELECTED PRECAMBRIAN GEOLOGIC FEATURES AND MINERAL DEPOSITS
Eastern District of Mackenzie
Figure 2
SCALE 1:3,000,000
Kilomètres 0 100 200 300
Miles 0 100 200 300

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