

LEGEND

- ☐ Gabbro sheets/diabase dykes, in part interpreted from aeromagnetics
- HELKIAN**
- 16 ALGAK FORMATION: arkose, siltstone
- 17 EKALUKIA FORMATION: basalt flows
- 18 KANUYAK FORMATION: dolomite
- 19 PARRY BAY FORMATION: dolomite, grey shale
- 20 ELLICE FORMATION: kaolinitic quartzite and conglomerate
- 21 TINNEY COVE FORMATION: arkose, polymictic conglomerate
- APHEBIAN (Goulburn Group)**
- 22 Intrusive sedimentary breccia
- 23 AMAGOK FORMATION: arkose, minor conglomerate
- 24 BROWN SOUND FORMATION: arkose, siltstone, minor basalt flows
- 25 OMINGMAKTOOK MEMBER: solution collapse breccia
- 26 KUUVIK FORMATION: stromatolitic and clastic carbonates
- 27 PEACOCK HILLS FORMATION: mudstone rhythmites
- 28 QUADYUK FORMATION: stromatolitic carbonate
- 29 MARA FORMATION: siltstone, sandstone, hematitic ironstone, placoid dolomite
- 30 BURNSIDE RIVER FORMATION: quartzite, conglomerate, minor siltstone, dolomite
- 31 WESTERN RIVER FORMATION: quartzite, argillite, siltstone, dolomite
- ARCHEAN**
- 32 Massive to foliated granitic rocks
- 33 Gneiss, in part derived from 1 and 2
- 34 Metasedimentary rocks
- 35 Metavolcanic rocks

- Geological contact (approximate)
- Bedding (inclined, vertical)
- Fault (assumed)
- N14-2 Mineral deposit number (letter/number prefix denotes NTS 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
- x Pegmatitic deposits
- + Other

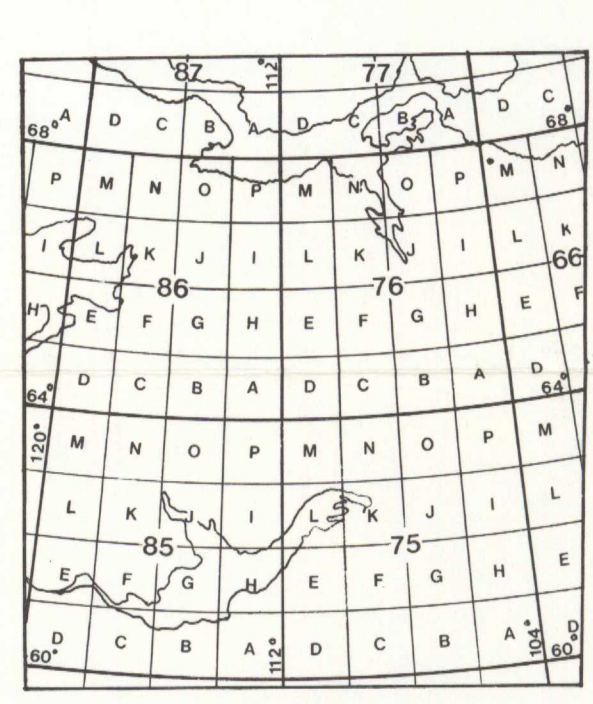
COMMODITY ABBREVIATIONS

- |             |                 |
|-------------|-----------------|
| Ag - Silver | Ni - Nickel     |
| Au - Gold   | Pb - Lead       |
| Cu - Copper | Stn - Soapstone |
| Fe - Iron   | U - Uranium     |

Geology compiled from J.A. Fraser 1963, G.S.C. Map 45-1063, F.H.A. Campbell and M.P. Cecile 1976, Open File Report # 332, C.W. Jefferson et al., prelim. Geol. Map 78 K/2, DINA, EGS 1976-6, Compilation by S.M. Roscoe and A.B. Taylor



GEOLOGY AND MINERAL DEPOSITS  
 BATHURST INLET AREA  
 District of Mackenzie N.T.S. 76/J,K,N,O  
 Figure 1



LEGEND

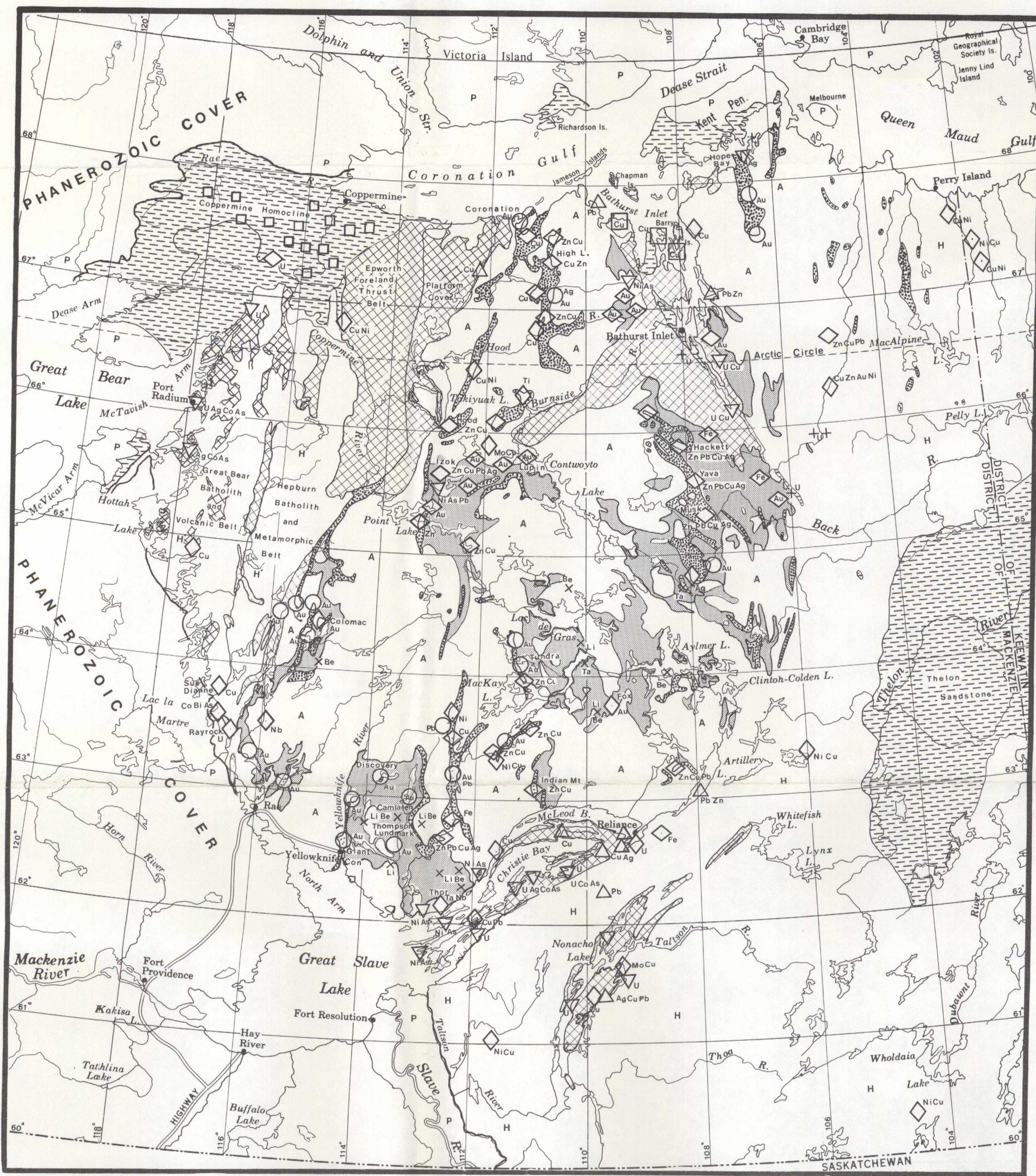
- ☐ Helkian strata
- ☐ Apebian strata, minor intrusions
- ☐ Archean metasedimentary rocks
- ☐ Archean metavolcanic rocks
- ☐ P - Phanerozoic cover
- H - Apebian igneous and metamorphic rocks
- H - Rocks (mainly Archean) metamorphosed in Apebian time
- A - Archean granulite rocks and gneisses

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- |             |                 |
|-------------|-----------------|
| Ag - Silver | Li - Lithium    |
| Au - Gold   | Mo - Molybdenum |
| Cu - Copper | Nb - Niobium    |
| Fe - Iron   | Ni - Nickel     |
|             | Pb - Lead       |
|             | Stn - Soapstone |
|             | Ta - Tantalum   |
|             | U - Uranium     |
|             | Zn - Zinc       |



SELECTED PRECAMBRIAN GEOLOGIC FEATURES AND MINERAL DEPOSITS  
 Eastern District of Mackenzie  
 Figure 2  
 SCALE 1:500,000