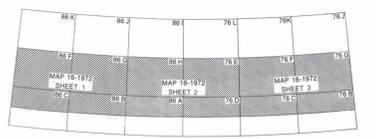
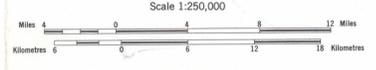


- LEGEND**
- HADRYNIAN**
- Hb Gabbro sheet, silt
- ALPHEBIAN**
- Alp Felitic porphyry
 - Ag Granodiorite, diorite, quartz diorite
 - An Migmatite, granitic gneiss
- CAMERON BAY GROUP**
- cAv Intermediate porphyritic flow, tuff, agglomerate
 - cAr Red arkose, conglomerate, shale
- PROTEROZOIC**
- Ab Gabbro, diorite
- SNARE GROUP**
- sAb Basalt, tuff, minor chert
 - sAs Quartzite, dolomite, siltstone, shale
- EPWORTH GROUP**
- eApw RECLUSE FORMATION: argillite, shale, greywacke
 - eAc ROCKNEST FORMATION: dolomite
 - eAsp ODJICK FORMATION: sandstone, shale, argillite, sandstone
 - eAsd Metamorphosed Epworth Group
- ANCIENT**
- Ag Quartz diorite, quartz monzonite, granodiorite, granite. In part porphyritic
 - An Granite gneiss, migmatite, mixed gneisses involving Yellowknife rocks
 - cAg Complex of plutonic granitic rocks that may be, in part, older than Yellowknife Supergroup
- YELLOWKNIFE SUPERGROUP**
- yAv Greywacke, shale
 - yAsd Cordillerite-schist bearing knotted schist and other metamorphic equivalents of yAv
 - yAvd Intermediate to basic lava, tuff, agglomerate, and undifferentiated acidic volcanic rocks
- Boundary between Bear and Slave geological provinces.....
- Fault, observed or assumed.....
- Mineral prospect showing principal elements).....
- Location and number of sample site (sediment stored to minus 250 mesh, second number indicates duplicate sample).....
- Location and number of sample site (sediment stored to minus 100 mesh, second number indicates duplicate sample).....

- MINERALS**
- | | |
|------------------|-------------------|
| Asbestos.....Asb | Molybdenum.....Mo |
| Bismuth.....Bi | Nickel.....Ni |
| Cobalt.....Co | Silver.....Ag |
| Copper.....Cu | Thorium.....Th |
| Gold.....Au | Uranium.....U |
| Lead.....Pb | Zinc.....Zn |
- Geology after unpublished map compiled by J. C. McElyan, 1971
- Location numbers drawn by computer drum plotter
- Field work by R. J. Allan, E. M. Cameron, C. C. Durham, R. Benson, R. Colley, R. Cumming, G. Land, D. Mann, C. Priddy, G. Thomas and R. Woronuk
- Geological cartography by the Geological Survey of Canada
- Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada
- Base-map assembled by the Geological Survey of Canada from maps published at the same scale by the Army Survey Establishment R. C. E. in 1961, 1962
- Copies of the topographical maps covering this map-area may be obtained from the Canada Map Office, 615 Booth Street, Ottawa, Ontario K1A 0E9
- Mean magnetic declination 1972, 36°31' East, decreasing 6.7' annually. Readings vary from 34°52' in the SE corner to 38°42' in the NW corner of the map-area
- Elevations in feet above mean sea-level



MAP 16-1972
SHEET 1
**LAKE SEDIMENTS SAMPLE LOCATIONS
BEAR - SLAVE OPERATION**
DISTRICT OF MACKENZIE



LAKE SEDIMENTS SAMPLE LOCATIONS
BEAR - SLAVE OPERATION
DISTRICT OF MACKENZIE