

LEGEND

Note: areas of outcrop are shown by deep colour; inferred extensions are shown by a lighter tint
Note: this legend is common to maps 1337A, 1338A

| | | | | | |
|---|---|---|-------------|----------------------------------|---|
| PALEOZOIC | LOWER PALEOZOIC, (Undivided) | 27 Dolomite | PROTEROZOIC | PALEOHELIKIAN | MUSKOX COMPLEX |
| | CAMBRIAN ? | 26 Quartz sandstone, conglomeratic sandstone and siltstone | | 11 Sandstone, minor conglomerate | D Chiefly granophyre |
| | HADRYNIAN | 25 Dolomite | | 10 Sandstones, siltstones, shale | C Chiefly gabbroic rocks |
| | RAE GROUP (19-25) | 24 Red and green shales, minor gypsum | | 9 Dolomite | B Ultramafic rocks |
| | 23 Sandstone | 8 Sandstone, minor conglomerate | | APHEBIAN | A Granites, of similar age to Echo Bay Group and possibly earlier |
| | 22 Calcilitites, dololulites | 7 Porphyritic felsite | | | ECHO BAY GROUP (?) |
| | 21 Shaly sandstone, siltstone, shale | 6 RECLUSE FORMATION: greywacke, shales | | | EPWORTH GROUP (1-6) |
| | 20 Red and green sandstone, siltstone, mudstone | 5 ROCKNEST FORMATION: dolomite, chert | | | ODJICK FORMATION: sandstones, siltstones, shales |
| | 19 Sandstone, siltstone, shale | 4 Dolomite (correlation of this and following units with above uncertain) | | | 3 Phyllites, metaargillites |
| | HELIKIAN | 3 Phyllites, metaargillites | | | 2 Pillowed metabasalts |
| NEOHELIKIAN | 2 Pillowed metabasalts | 1 Pillowed metabasalts | | | |
| COPPERMINE RIVER GROUP (17-18) | 1 Pillowed metabasalts | | | | |
| HUSKY CREEK FORMATION: red sandstone and siltstone, intercalated basalt flows | | | | | |
| COPPER CREEK FORMATION: basalt flows, minor intercalated sandstone | | | | | |
| DISMAL LAKES GROUP (12-16) | | | | | |
| 16 Laminated dolomite | | | | | |
| 15 Massive dolomite | | | | | |
| 14 Laminated dolomite | | | | | |
| 13 Tan-weathering dolomite, red mudstone | | | | | |
| 12 Sandstone, intercalated black shale | | | | | |

| | |
|--|---------|
| Glacial drift | ..... |
| Rock outcrop | x |
| Geological boundary (defined, approximate and assumed) | ..... |
| Unconformity (defined, approximate and assumed) | ..... |
| Bedding and attitude of strata and sills (horizontal, inclined, vertical, overturned, dip unknown) | ..... |
| Schistosity (inclined, vertical, dip unknown) | ..... |
| Fault (defined, approximate, assumed) | ..... |
| Dyke (defined, interpreted from air photos and aeromagnetic map) | ..... |
| Anticline (arrow indicates plunge) | ..... |
| Syncline (arrow indicates plunge) | ..... |
| Frost-heaved fragments | ..... |
| Copper prospect 1, 47 Zone, Coppermine River Limited | ..... |
| 2, June Deposit, Bernac Coppermine Exploration Limited | ..... |

To accompany GSC Paper 71-39 by W.R.A. Baragar and J.A. Donaldson

Geology by W.R.A. Baragar and J.A. Donaldson, 1969

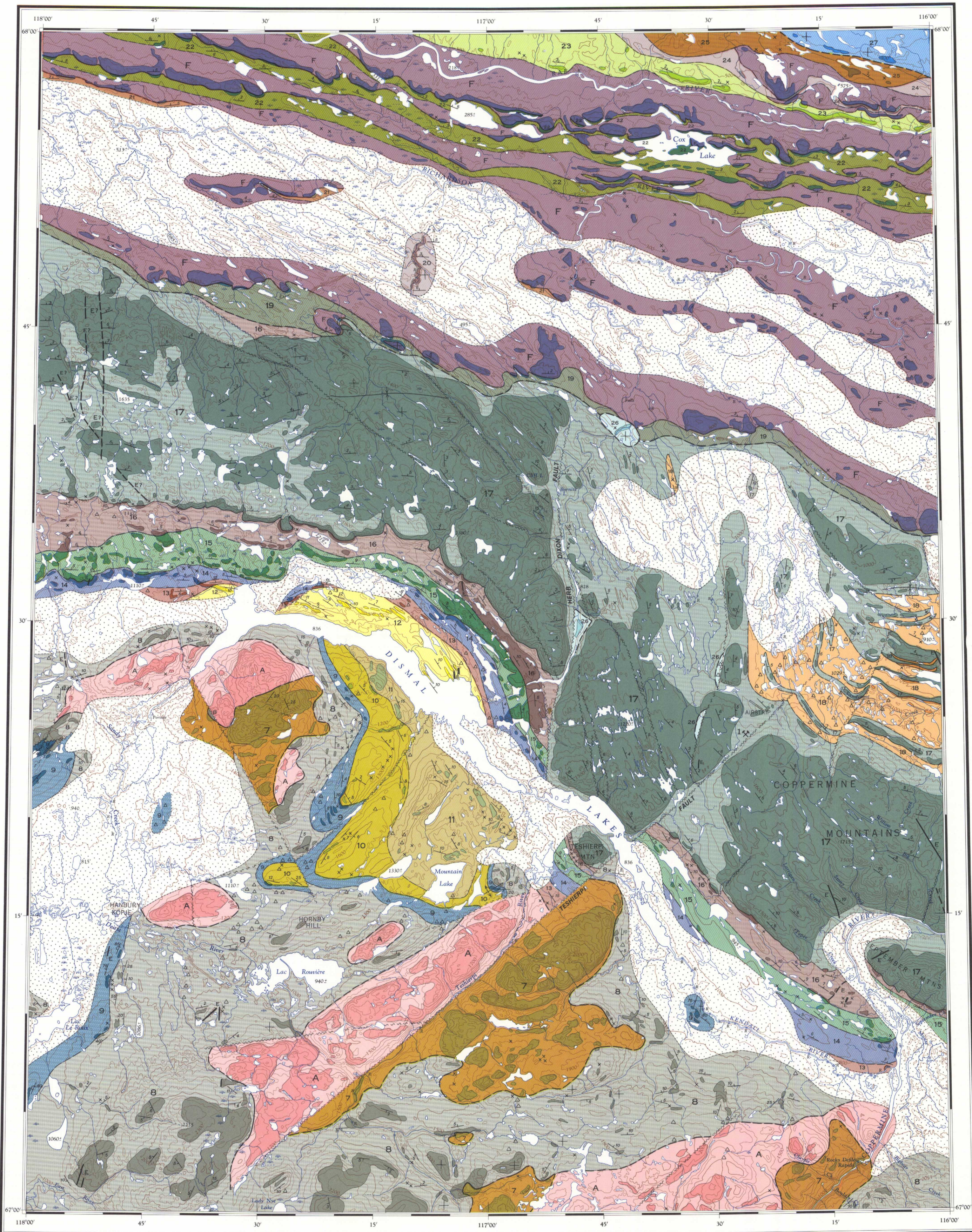
Geological cartography by the Geological Survey of Canada

Topographical base-map at the same scale published by the Army Survey Establishment R.C.E., 1965-1964

Copies of the topographical edition of this map may be obtained from the Canada Map Office 615 Booth Street, Ottawa, Ontario, K1A 0E9

Magnetic declination 1971, varies from 41°19' easterly at centre of west edge to 41°00' easterly at centre of east edge. Mean annual change decreasing 11.3'

Elevations in feet above mean sea-level

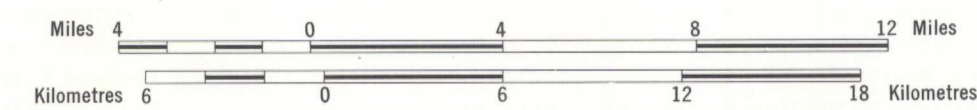


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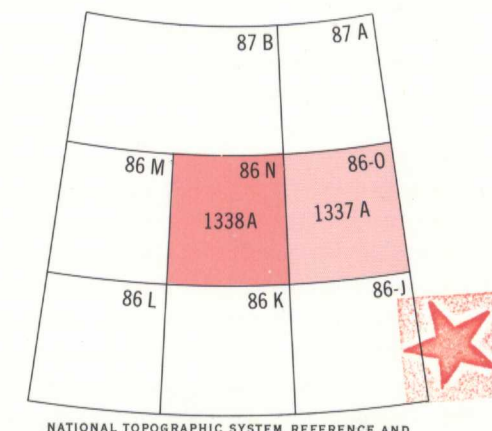
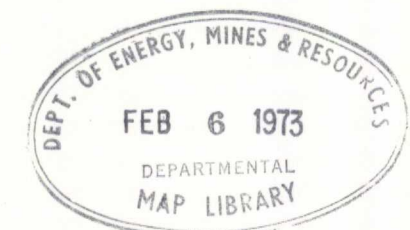


MAP 1338 A
PAPER 71-39
GEOLOGY
DISMAL LAKES
DISTRICT OF MACKENZIE

Scale 1:250,000



Universal Transverse Mercator Projection
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1338A

612 cap 1900 C
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