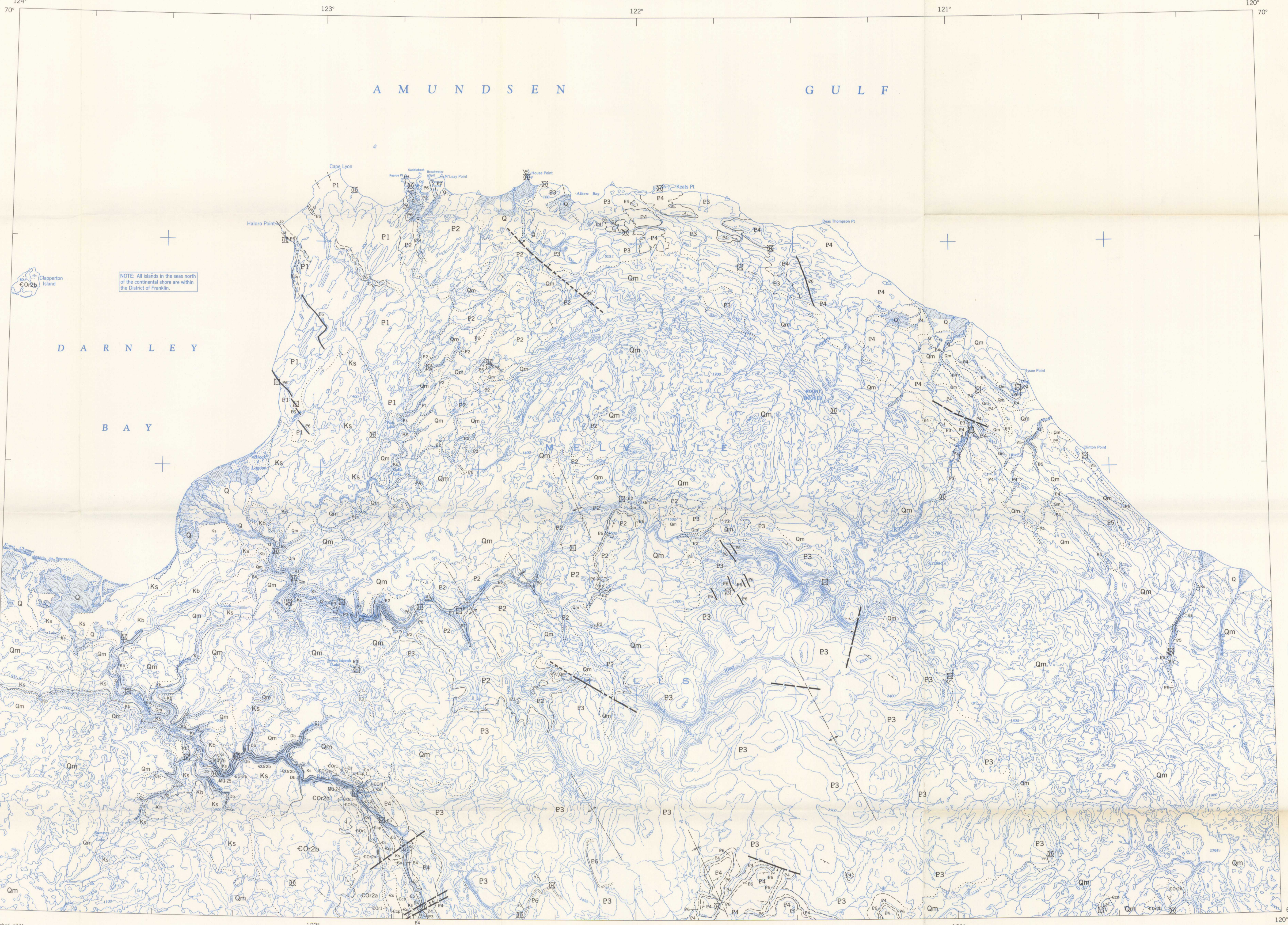


- LEGEND
- QUATERNARY
- Q Alluvium and delta deposits: gravel, sand, silt and clay
 - Qm Thick moraines: gravel, sand, silt, clay and till
- CRETACEOUS
- LOWER CRETACEOUS
- Kb 'Bentonitic zone': black, soft, plastic shale; fossiliferous, orange ironstone concretions
 - Ks 'Silty zone': upper division - argillaceous siltstone and mudstone; lower division - light grey, friable sandstone, and coal
- DEVONIAN
- LOWER (?) AND MIDDLE DEVONIAN
- Db BEAR ROCK FORMATION: light brown-grey and green-grey dolomite; green, pink and maroon shale at base
- CAMBRIAN AND ORDOVICIAN
- MIDDLE (?) AND UPPER CAMBRIAN AND LOWER ORDOVICIAN
- 'RONNING GROUP'
- CO2b Unit 2b: pale buff and pale grey dolomite with drusy quartz and stromatolitic and oolitic chert
 - CO2a Unit 2a: pale grey dolomite interbedded with pale orange dolomite
 - CO1 Unit 1: thin-bedded dolomite; cyclic repetitions of laminated beds, oolitic beds, stromatolitic beds and thin beds of dolomitic shale
- CAMBRIAN
- MIDDLE CAMBRIAN
- Cs SALINE RIVER FORMATION: red and green shale; minor gypsum
- LOWER (?) AND MIDDLE CAMBRIAN
- MOUNT CAP FORMATION: glauconitic sandstone; green and grey shale
- LOWER CAMBRIAN
- OLD FORT ISLAND FORMATION: white, grey, locally red and green, friable sandstone; crossbedded
- NEOHELKIAN OR HADRYNIAN
- P6 / Gabbro sills and dykes
- SHALER GROUP
- P5 Unit B5: maroon and green dolomite and siltstone; minor gypsum
 - P4 Unit B4: pink and buff dolomite; stromatolites
 - P3 Unit B3: pink, buff and maroon quartz sandstone
 - P2 Unit B2: buff, pink and grey dolomite
 - P1 Unit B1: green shale, argillite and siltstone



- Ground observation
- Geological boundary (defined, approximate, assumed; includes contacts extended by air-photo interpretation)
- Bedding, tops known (inclined)
- Bedding, tops known, (estimated from air-photos or from aircraft; horizontal, dip 5°-15°)
- Fault (approximate)
- Fault, (defined, approximate, covered; solid circle indicates downthrow side)
- Anticline (approximate)
- Syncline (approximate)
- Stratigraphic section studied

Stratigraphic Section References

R. W. MacQueen M624

Geology by H. R. Balkwill, C. J. Yorath, R. W. Klassen and R. W. MacQueen, 1968

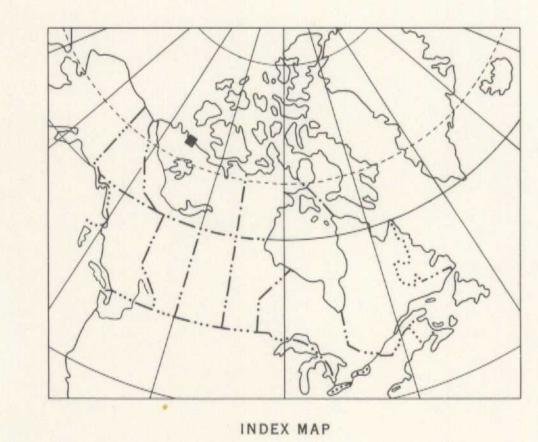
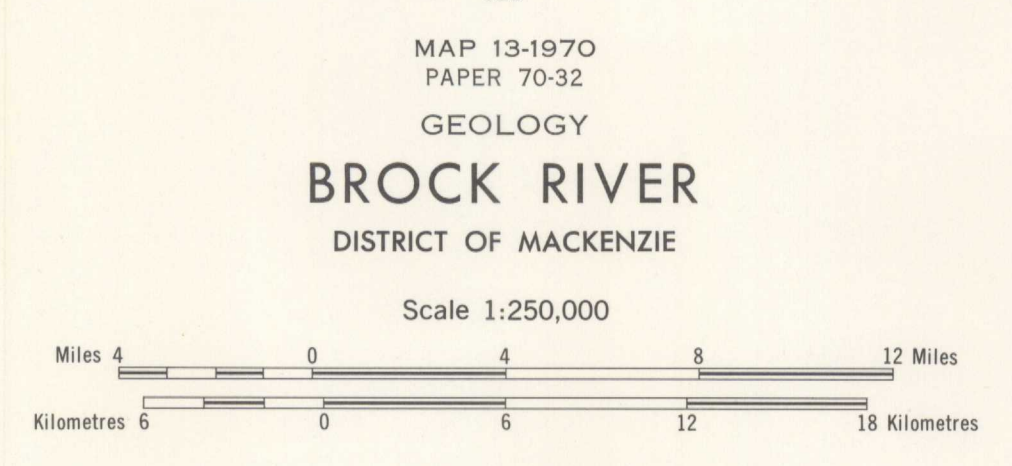
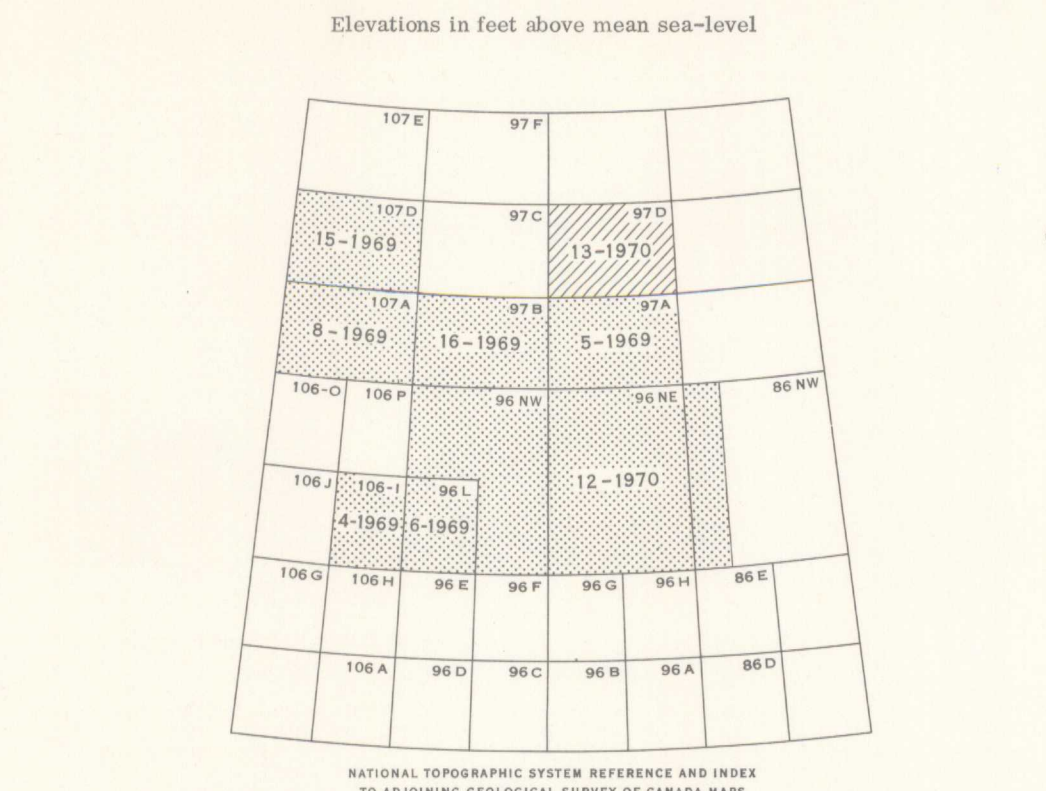
Compiled by H. R. Balkwill and C. J. Yorath, 1970

To accompany GSC Paper 70-32, by H. R. Balkwill and C. J. Yorath

Geological cartography by the Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada

Topographic base-map at the same scale published by the Army Survey Establishment R. C. E., 1962

Magnetic declination 1970 varies from 44°30' easterly at centre of west edge to 45°18' easterly at centre of east edge. Mean annual change 9.8' westerly



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