

LEGEND

Note: Weighted legend blocks indicate map-units that appear on this map

- QUATERNARY**
- Q** Glacial till, outwash, alluvium, etc.; mapped only where deposits are thick and continuous
- Qm** Thick moraine deposits forming prominent topography (Amundsen and Great Bear lobe moraines)
- TERTIARY and/or QUATERNARY**
- Tb** BEAUFORT FORMATION (?): unconsolidated gravel and sand; quartzite, dolomite and black chert pebbles; wood fragments
- CRETACEOUS**
- UPPER CRETACEOUS**
- Kps** "Pale shale zone": pale grey shale and mudstone; grey brown ferruginous shale; minor ironstone concretionary beds
- Kbt** "Bituminous zone": black bituminous shale; yellow jarosite; local earthy hematite; pale grey clay; local basal ironstone-pebble and shale-chip conglomerate
- LOWER CRETACEOUS**
- Kb** "Bentonitic zone": black, soft, plastic shale; fossiliferous orange ironstone concretionary beds
- Ks** "Silty zone": upper division - argillaceous siltstone and mudstone; lower division - light grey friable sandstone and coal
- DEVONIAN**
- UPPER DEVONIAN**
- Di2** IMPERIAL FORMATION: shale, brown, greenish grey, generally fissile; subordinate sandstone, brown, impure, very fine grained; minor siltstone
- Di1** Basal unit; shale, brown, fissile, with siltstone laminae and clay ironstone concretions

- Rock outcrop x
- Rock outcrop visited by helicopter [Symbol]
- Geological boundary (defined, approximate, assumed; includes contacts extended by air photo interpretation) [Symbol]
- Limit of thick continuous Quaternary cover [Symbol]
- Fossil locality (GSC catalogue number where collection taken) [Symbol]
- Stratigraphic section studied [Symbol]
- Abandoned well [Symbol]

Stratigraphic Section References

C. J. Yorath YB-21 T. P. Chamney CR5-68

Geology by C. J. Yorath, H. R. Balkwill, T. P. Chamney, 1968

Compiled by C. J. Yorath, H. R. Balkwill, 1969

To accompany GSC Paper 69-9, by C. J. Yorath, H. R. Balkwill

Abandoned Well Names

Texcan C & E Nicholson G-56 1

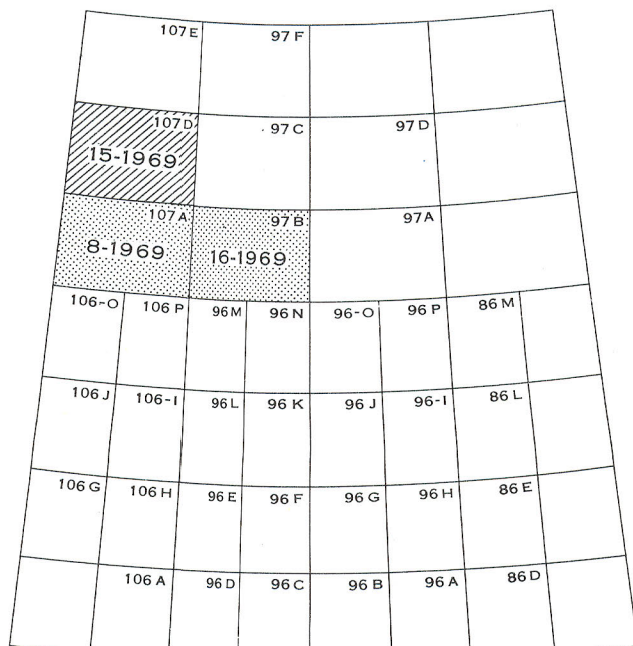
Texcan C & E Nicholson N-45 2

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., 1964

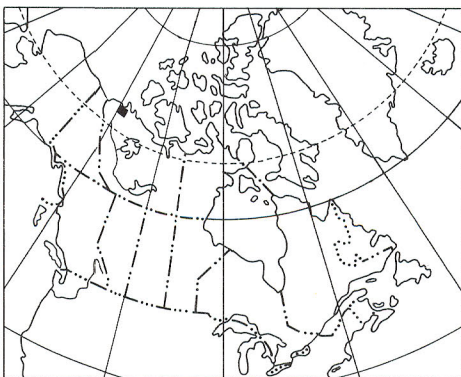
Magnetic declination 1970 varies from 40° 46' easterly at centre of west edge to 42° 22' easterly at centre of east edge. Mean annual change 7.2' westerly

Elevations in feet above mean sea-level



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

National Topographical System designations indicate other quadrangles mapped geologically during Operation Norman



INDEX MAP



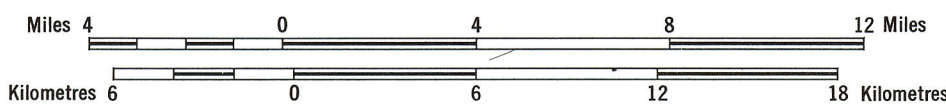
GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

PRELIMINARY SERIES



MAP 15-1969
PAPER 69-9
GEOLOGY
STANTON
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Scale 1:250,000



MAP 15-1969
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