

LEGEND

- 10 Gneissic granodiorite and quartz monzonite, includes bands and irregularly shaped masses of pegmatite; 10a, pegmatitic granite or quartz monzonite; 10b, mixed gneisses, migmatites, granitized sediments
- 9 Meta-gabbro dykes or sills
- SNARE GROUP (6-8)
- 8 Thin- to coarse-bedded quartzites and feldspathic quartzites that occur within unit 7; 8a, conglomerate
- 7 Interbedded thin bands of siltstone and shale, graded bands of siltstone and shale, sub-greywacke, rusty pyritic shale; in part metamorphosed to biotite and knotted schists; includes locally thin beds of calc-silicates and quartzite; 7a, siltstone and shale bands with thin beds of calc-silicates that are metamorphosed limy beds
- 6 Dolomite; some dolomite is younger and occurs within rocks of unit 7
- 5 Massive to slightly foliated granodiorite and quartz monzonite; 5a, massive to sheared quartz monzonite and granodiorite, may be younger than rocks of Snare Group.
- YELLOWKNIFE GROUP (1-4)
- 4 Fine-grained, fine-banded hornblende gneiss of uncertain origin
- 3 Graded units of sub-greywacke and shale metamorphosed to biotite and knotted schists
- 2 Paraconglomerate; 2a, paraconglomerate with hornblende matrix
- 1 Metamorphosed and commonly sheared basalt or andesite; pillow lava, pillow breccia; minor tuff, volcanic breccia; undifferentiated rhyolite dykes and small diorite intrusions

- Drift-covered area
- Geological boundary (approximate, assumed)
- Limit of geological mapping
- Bedding (inclined, vertical, overturned)
- Schistosity, gneissosity (inclined, vertical)
- Axial plane cleavage (inclined, vertical)
- Lineation (inclined)
- Fault (approximate)
- Mylonite, sheared rock
- Trace of axial-plane of anticlinal fold
- Trace of axial-plane of synclinal fold
- Mineral prospect (gold, Au; hematite, hem; magnetite, mag) X Au

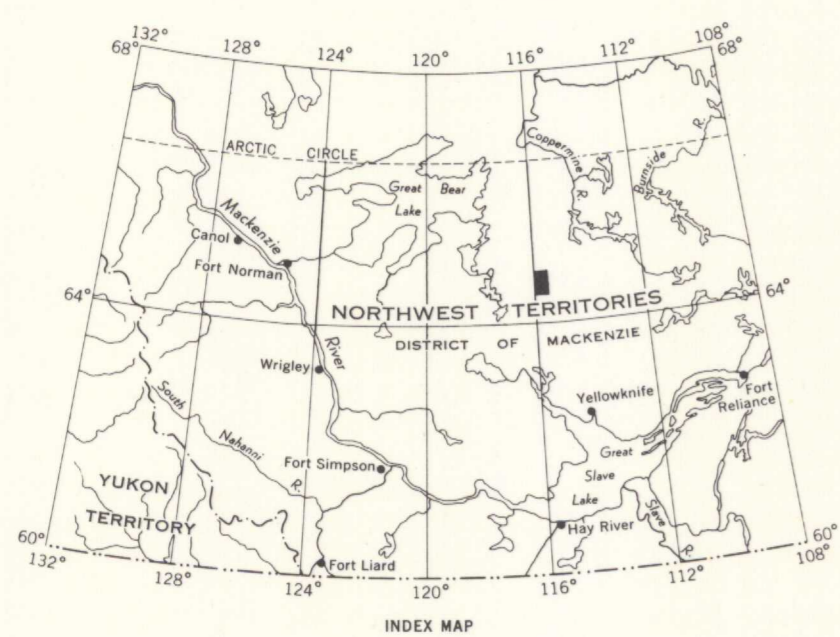
Geology by John McGlynn and J. V. Ross, 1961

Cartography by the Geological Survey of Canada, 1963

- Winter road
- Trail or portage
- Esker
- Intermittent stream
- Fall and rapid
- Marsh
- Reef, rock or small island

Base-map by the Surveys and Mapping Branch, 1949

Mean magnetic declination 36° 48' East decreasing 7.4' annually

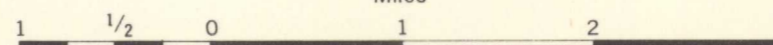


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MAP 41-1963  
TO ACCOMPANY PAPER 63-26  
GEOLOGY  
ARSENO LAKE  
DISTRICT OF MACKENZIE

Scale: One Inch to One Mile = 1/63,360 Miles



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