105 F-7 MM - Quiet Lake
Finlayson Lake
Geology - Area of Proposed Geochem and Geol. Recon.
To Accompany: D.S. Jennings 1976 MM Project Summary Report Fig. 2

GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

PRELIMINARY SERIES

SHEET 105F PRELIMINARY SERIES

SHEET 105G

LEGEND

Map-units 6d, 3a, appear on Map 8-1960, "Finlayson Lake" only

CENOZOIC

QUATERNARY
12 Unconsolidated glacial and alluvial deposits

TERTIARY
11 Dark brown and black basalt flows

PALEOCENE
10 Shale, sandstone, and conglomerate

MESOZOIC

JURASSIC AND/OR CRETACEOUS
9 Medium- to coarse-grained, biotite granodiorite and quartz monzonite, in part porphyritic; minor diorite, granite, and gneiss

PALAEOZOIC

MISSISSIPPIAN (?)
8 Current-bedded, ripple-marked, dark grey limestone; minor dark grey and brown argillite, and dolomite

MISSISSIPPIAN (?) OR EARLIER
7 Heterogeneous, shattered hornblende syenite, associated with unit 6

6 6a, partly altered green volcanic rocks, greenstone, meta-diorite; minor serpentine and amphibolite; 6b, green and maroon breccias, tuffs, and flows, minor meta-diorite, slate, chert, and greywacke; 6c, buff, rusty, and pale green felsic breccias and tuffs; minor chert and brown crinoidal limestone; 6d, massive grey and cream limestone

5 Brown and black-weathering, siliceous slate and shale, thin-bedded varicoloured cherts with shaly partings, speckled grey and brownish grey greywacke; minor chert pebble conglomerate

SILURIAN AND DEVONIAN
4 Grey and buff-weathering, thick-bedded dolomite with local lenses of chert; buff to reddish weathering, well-bedded, dark grey dolomite, and sandy and silty dolomites; buff, grey and white, lichen-covered quartzite

ORDOVICIAN AND SILURIAN
3 Black slate, platy black limestone, grey and pink siltstone; 3a, minor volcanic breccia

CAMBRIAN
MIDDLE AND UPPER CAMBRIAN (?)
2 Lustrous phyllite; grey and orange-weathering phyllite, in part limy and dolomitic, and locally changed to hornfels; minor greenstone, limestone, chert, greywacke, and phyllitic quartzite (perhaps younger); 2a, greenstone breccia and tuff

LOWER CAMBRIAN
1 1a, massive grey and buff quartzite; 1b, grey and brownish grey phyllite; 1c, grey, buff, and orange-weathering, grey limestone, locally oolitic; 1d, limestone, quartzite, and phyllite, undivided

A Quartz-biotite and quartz-chlorite schist, micaceous quartzite, hornfels; minor phyllite and limestone

B Limestone and minor dolomite associated with A and C

C Micaceous, quartzose gneiss, granitoid gneiss; minor quartz-biotite schist

D Dunite; minor peridotite, pyroxenite, and serpentinized equivalents; gabbro and diorite

Geological boundary (defined, approximate or assumed)
Limit of geological mapping, unmapped area ... U
Bedding (horizontal, inclined, vertical, overturned)
Bedding (dip known, tops unknown)
Bedding (estimated attitudes, includes foliation in metamorphic rocks; dip g, gentle, m, medium, s, steep)
Foliation (horizontal, inclined, vertical)
Fault (defined, approximate or assumed)
Thrust fault (defined, approximate or assumed)
Anticline (defined, approximate)
Syncline (defined, approximate)
Fossil locality
Mineral occurrence or prospect ... X Mo
Rock altered to hornfels

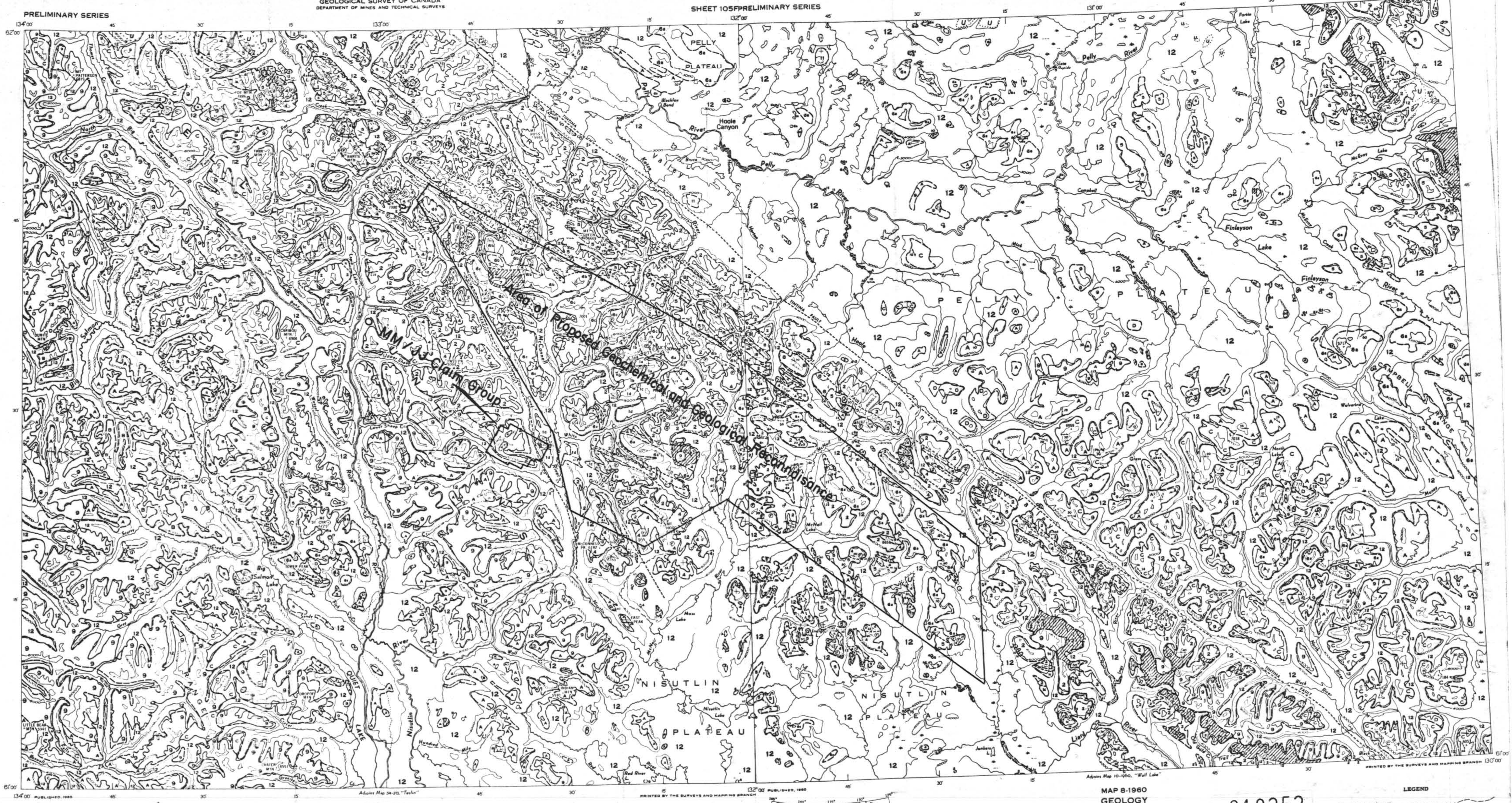
MINERAL SYMBOLS

Asbestos	asb	Lead	Pb
Barite	ba	Molybdenum	Mo
Copper	Cu	Silver	Ag
Gold	Au	Tungsten	W

Geology by J.O. Wheeler, 1956, 1958, 1959; L.H. Green, 1959, and J.A. Roddick, 1959

Air photographs covering this area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa

In response to public demand for earlier publication, Preliminary Series maps are issued in this simplified form and will be clearer to read if all or some of the map-units are hand-coloured



PUBLISHED, 1960

MAP 7-1960
GEOLOGY
QUIET LAKE
YUKON TERRITORY

Scale: One Inch to Four Miles = 1/253,440
Miles

COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

PRINTED BY THE SURVEYS AND MAPPING BRANCH

LEGEND

Road
Trail
Intermittent stream
Contours (interval 1000 feet)
Height in feet above mean sea-level

Cartography by the Geological Survey of Canada, 1960

Approximate magnetic declination, 33° 20' East

Geographical names subject to revision

inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
YUKON GEOLOGICAL SURVEY

MAP 8-1960
GEOLOGY
FINLAYSON LAKE
YUKON TERRITORY

Scale: One Inch to Four Miles = 1/253,440

COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

010252

LEGEND

Intermittent stream
Marsh
Contours (interval 1000 feet)
Height in feet above mean sea-level

Cartography by the Geological Survey of Canada, 1960

Approximate magnetic declination, 33° 54' East

Geographical names subject to revision

Figure: 2