

LEGEND

- PROTEROZOIC**
- 13 Late gabbro and basalt dykes and sills
- 12 Gabbro sill and dyke
- 11 GOULBURN GROUP (5-11)  
KUUVIK FORMATION: limy and dolomitic rocks;  
minor siliceous and argillaceous material
- 10 PEACOCK HILLS FORMATION: red, grey, green and  
black argillites; pink quartzite
- 9 BURNSIDE RIVER FORMATION: pink quartzite;  
9a, minor quartz-pebble conglomerate layers;  
9b, with some milky white quartz veins;  
9c, some white quartzite
- 8 WESTERN RIVER FORMATION (5-8)  
Undifferentiated grey and red argillites; 8a, grey  
argillite and greywacke; 8b, red argillite
- 7 7a, pink quartzite and siltstone; 7b, white quartzite
- 6 6a, concretionary red argillite; 6b, red argillite;  
6c, grey argillite and greywacke; 6d, red argillite
- 5 5a, quartz-pebble conglomerate; 5b, grey and green  
argillite, greywacke; 5c, white glassy quartzite;  
5d, red, grey and green argillites, greywacke,  
locally slaty; 5e, thin beds of carbonate rocks;  
5f, grey argillite; 5g, red argillite
- ARCHAEO**
- 4 Biotite-muscovite granite, coarse-grained and  
pegmatitic; 4a, pegmatite; 4b, hybrid, mafic-rich;  
4c, remnants of nodular quartz-feldspar-biotite  
schist and gneiss (2); 4d, remnants of garnet-  
hornblende-quartz-sulphides rocks (2b)
- 3 Amphibolite, altered gabbroic rocks; 3a, dioritic
- 2 Nodular (cordierite and andalusite) quartz-feldspar-  
biotite schist and gneiss; 2a, granitized or in part  
faintly granitoid; 2b, garnet-hornblende-quartz-  
sulphides rocks; 2c, with pegmatite
- 1 Argillite, siltstone, greywacke, impure quartzite,  
minor white quartzite; 1a, garnet-hornblende-quartz-  
sulphide gneiss and schist, in part amphibolitic,  
locally massive

- Gravel or sand . . . . .
- Rock outcrop . . . . .
- Geological boundary (defined, approximate) . . . . .
- Bedding, tops known (horizontal, inclined,  
dip unknown) . . . . .
- Bedding tops unknown (inclined, vertical,  
dip unknown) . . . . .
- Bedding, general trend or trace of . . . . .
- Schistosity (inclined, vertical, dip unknown) . . . . .
- Cleavage, late (inclined, vertical, dip unknown) . . . . .
- Foliation (inclined, vertical, dip unknown) . . . . .
- Lamination (inclined) . . . . .
- Drag fold . . . . .
- Fault (defined, approximate) . . . . .
- Anticline . . . . .
- Syncline . . . . .
- Glacial striae . . . . .
- Intersecting glacial striae (numbers indicate  
relative age, 1 being the oldest) . . . . .
- Rock trench and stripped area . . . . .

MINERALS

- Andalusite . . . . . and Pegmatite . . . . . p
- Arsenopyrite . . . . . asp Pyrite . . . . . py
- Garnet . . . . . gt Pyrrhotite . . . . . po
- Gold . . . . . Au Tourmaline . . . . . tl

Geology by L. P. Tremblay, 1965

To accompany GSC Paper 66-28 by L. P. Tremblay

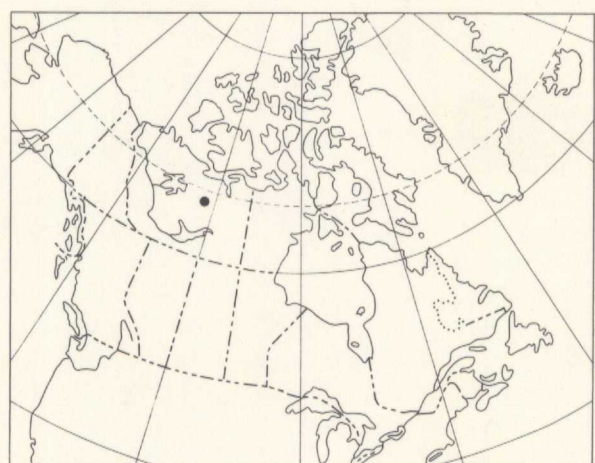
Geological cartography by the Geological Survey of Canada, 1966

- Building . . . . .
- Esker . . . . .
- Contours (interval 100 feet) . . . . .
- Height in feet above mean sea-level . . . . . 1460'

Base-map cartography by the Geological Survey of Canada, 1966  
from part of 1/250,000 scale map "Contwoyto Lake" published by  
Surveys and Mapping Branch in 1963

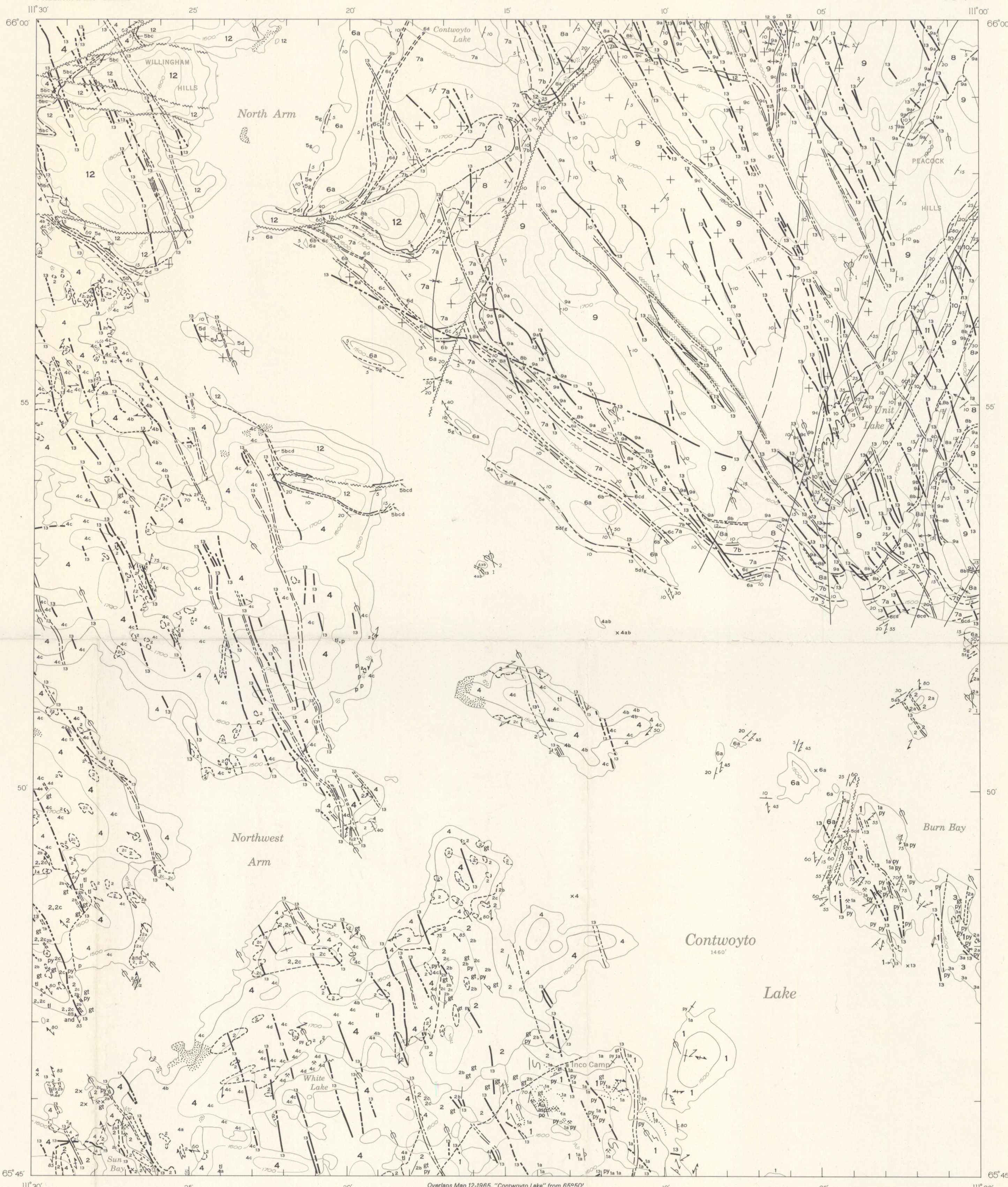
Geographical names subject to revision

Approximate magnetic declination 1966, 34° 23' East, decreasing 8.0' annually



INDEX MAP - LIEU DE LA CARTE

PRELIMINARY SERIES



Published 1967, the Centennial  
of Canadian Confederation

MAP 10-1966  
PAPER 66-28

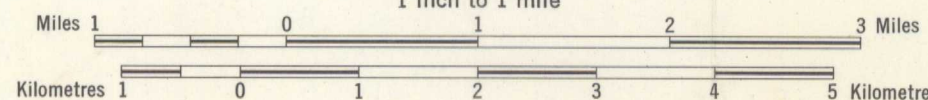
GEOLOGY

CONTWOYTO LAKE  
(North Half)

DISTRICT OF MACKENZIE

Scale 1:63,360

1 inch to 1 mile



Printed by the Surveys and Mapping Branch  
Copies of this map may be obtained from the  
Director, Geological Survey of Canada, Ottawa

MAP 10-1966  
CONTWOYTO LAKE  
(North Half)  
DISTRICT OF MACKENZIE

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