

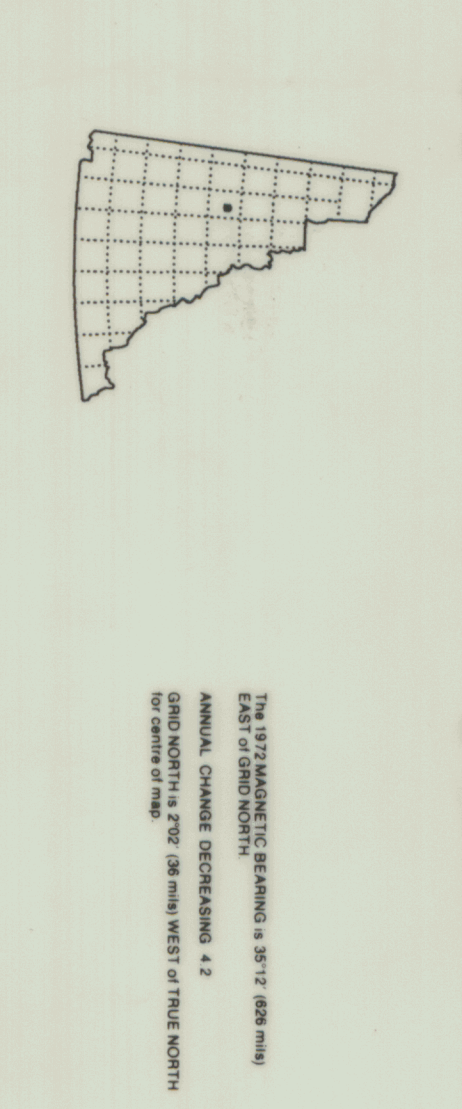
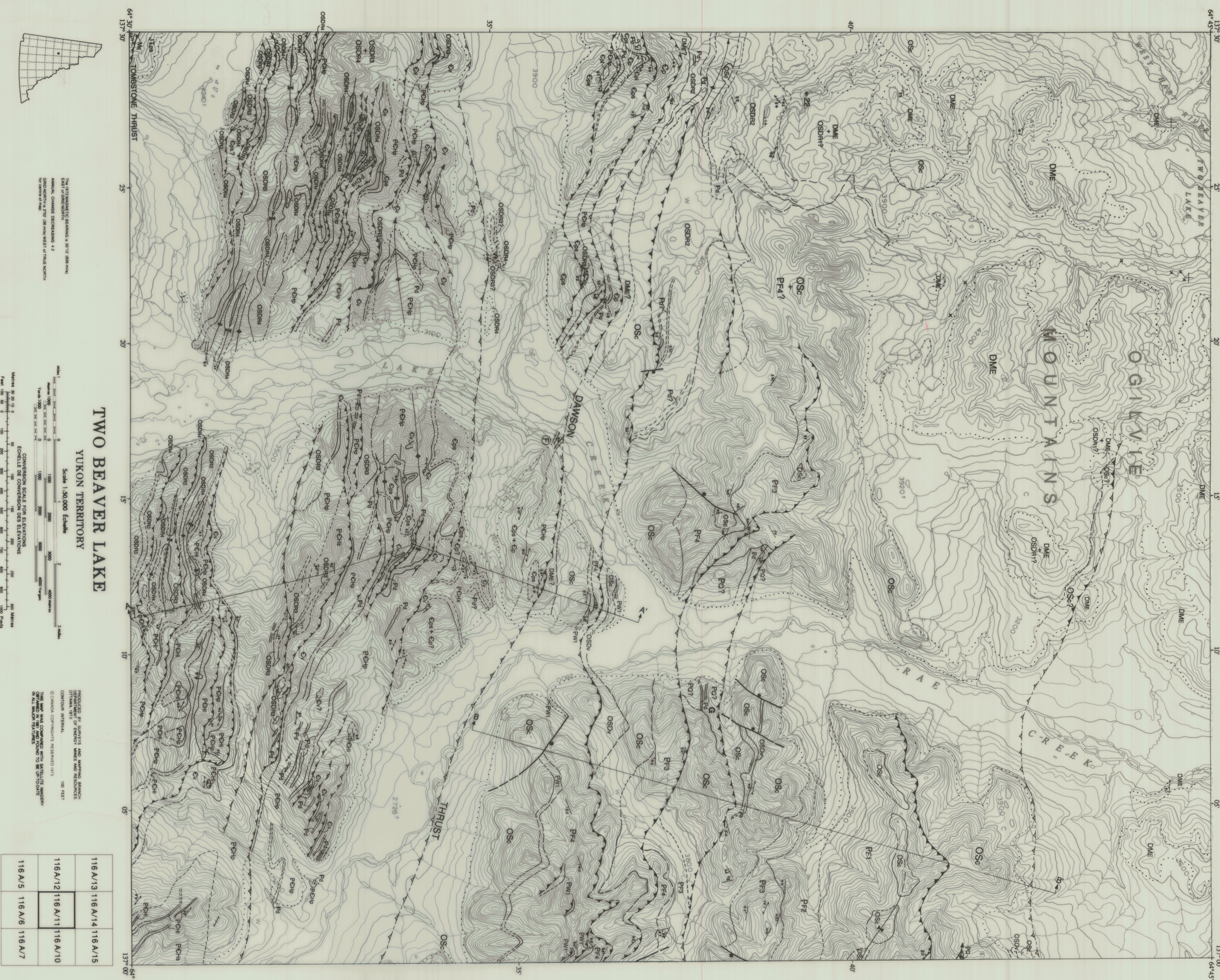
Canada



Geological Survey of Canada  
Géologie et Géologie

Yukon

137° 30' 64° 30' 25' 20' 15' 10' 05' 00' 137° 00'



**TWO BEAVER LAKE**  
YUKON TERRITORY

Scale 1:50,000

CONVERSION SCALE FOR ELEVATIONS  
Feet 100 200 300 400 500 600 700 800 900 1000  
Meters 0 100 200 300 400 500 600 700 800 900 1000

PROCESSED BY SURVEY AND MAPPING BRANCH  
GEOLOGICAL SURVEY OF CANADA  
GÉOLOGIQUE ET GÉOLOGIQUE  
YUKON TERRITORY

1:50,000  
1:50,000

116 A/13	116 A/14	116 A/15
116 A/12	116 A/11	116 A/10
116 A/5	116 A/6	116 A/7

**LEGEND**

**"SERIE SEQUENCE"  
SOUTH OF DAWSON THRUST**

**(?) JURASSIC, TRIASSIC AND (?) OLDER**  
Recessive grey/brown weathering black shale, lesser amounts of weedy calcareous micaceous siltstone, silty shale, and minor cross-laminated micaceous quartz sandstone.

**MISSISSIPPIAN**  
KENO HILL QUARTZITE  
M<sub>1</sub> Dark grey weathering massive to very thick bedded vitreous quartz arenite and minor black shale.

**(?) CAMBRIAN, (?) ORDOVICIAN, (?) SILURIAN, AND (?) DEVONIAN**  
P<sub>1</sub> Dark green weathering dolomite and massive greenstone sills; presumably leaders to Palaeozoic volcanics.

**(?) ORDOVICIAN, (?) SILURIAN, AND (?) DEVONIAN**  
OSD<sub>1</sub> Dark green weathering mafic flows and hyaloclastic breccias. May include more than one age.

**ORONOUCAN, (?) SILURIAN, AND (?) DEVONIAN**  
ROAD RIVER GROUP  
OSD<sub>2</sub> Thick to very thick bedded indurated grey chert.

**OSD<sub>3</sub>**  
Recessive, olive green weathering siltstone, interbedded with variable weathering siliceous shale.

**CAMBRIAN**  
C<sub>2</sub> Recessive drab brown weathering dull grey and greenish grey thinly laminated siltstone and bounded shale.

**C<sub>1</sub>**  
Buff weathering dark grey-brown shale, thin bedded buff sandy limestone, calcareous quartz sandstone, limestone conglomerate.

**C<sub>3</sub>**  
Dark grey and greenish grey phyllite, quartz sandstone and arenite breccias.

**C<sub>4</sub>**  
Reastant, dark green mafic volcanic flows, tuffs and hyaloclastic breccias.

**LATE PROTEROZOIC AND LOWER CAMBRIAN**  
M<sub>1</sub> Maroon, green, and grey shale, whitesser amounts of quartz sandstone and quartzfeldspathic grit.

**PCH<sub>1</sub>**  
Reastant light grey weathering limestone. Varies from thin bedded with green and thick beds of chert occur with the light grey limestone. Brown weathering sandy limestone.

**PCH<sub>2</sub>**  
Dull grey-brown weathering quartzfeldspathic grit, quartz sandstone and arenite with lesser amounts of interbedded dark grey phyllite and minor maroon and green phyllite.

**"SERIE SEQUENCE"  
NORTH OF DAWSON THRUST**

**DEVONIAN AND (?) MISSISSIPPIAN**  
EAM GROUP  
DME<sub>1</sub> Buff to exposed light brown to blue weathering chert, silver-blue siliceous shale, black shale, sandstone and minor chert/grit.

**(?) CAMBRIAN, (?) ORDOVICIAN, (?) SILURIAN, AND (?) DEVONIAN**  
P<sub>1</sub> Dark green weathering dolomite and massive greenstone sills; presumably leaders to Palaeozoic volcanics.

**(?) ORDOVICIAN, (?) SILURIAN, AND (?) DEVONIAN**  
OSD<sub>1</sub> Dark green weathering mafic flows and hyaloclastic breccias. May include more than one age.

**ROAD RIVER GROUP**  
OSD<sub>2</sub> Dark, blue weathering, granopelite, siliceous shale and chert. May include Devonian Eam Group.

**(?) CAMBRIAN, ORDOVICIAN, AND (?) SILURIAN**  
OS<sub>2</sub> Massive light blue-grey weathering dolomite.

**LATE PROTEROZOIC**  
WINDERMERE SUPERGROUP  
PW<sub>1</sub> Orange to dark grey weathering diamictite comprised of angular to rounded clasts of quartzite and grey dolomite up to 30 cm across, but generally pebble-sized or smaller, suspended in a matrix of orange to brown weathering silty shale and lesser grey shale. Some interbeds of orange weathering thinly laminated phyllite.

**(?) MIDDLE OR LATE PROTEROZOIC**  
FF<sub>1</sub> EN MILLE GROUP  
FF<sub>2</sub> Stony, shaly, and cherty of grey to black chert common.

**P<sub>1</sub>**  
Dark brown to rusty weathering thinly laminated to thick bedded quartzite, dark grey to greenish grey shale, quartz sandstone, minor orange dolomite, in southern third pale, abundant conglomerate matrix.

**P<sub>2</sub>**  
Buff weathering thin bedded, cream weathering limestone, thick bedded, cream weathering dolomite.

**P<sub>3</sub>**  
Lower member. Maroon, green, and brown weathering shale interbedded with thin to thick beds of maroon quartz sandstone. Middle member. Massive grey weathering orthoquartzite. Upper member. Maroon shale.

**MIDDLE PROTEROZOIC**  
P<sub>4</sub> Massive dolomite silt and dyke. Only includes the Wemacé Supergroup.

**WENACÉ SUPERGROUP**  
QUARTLET GROUP  
R<sub>0</sub> Black shale, siltstone and sandstone. Finely laminated brown and green weathering silty shale near top of sequence.

- SYMBOLS**
- Limit of outcrop.....
  - Geological boundary (defined, approximate, assumed, covered).....
  - Bedding (inclined horizontal, tops unknown).....
  - Foliation (inclined, vertical).....
  - Minor fold axes showing direction of plunge.....
  - Anticline.....
  - Syncline.....
  - Thrust fault (defined, approximate, assumed, covered).....
  - Normal fault (defined, approximate).....
  - Gneiss.....
  - Fossil locally.....
- MINERAL OCCURRENCES**
- \* 22 SHINE (work target)
- \*These mineral occurrences are described in YUKON MINFILE  
\*Symbols are from Yukon Exploration 1989.
- Acknowledgements**  
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- Geological Survey of Canada, Yukon, Indian and Northern Affairs Canada, Open File 1993-9 (9)**

**GEOLOGICAL MAP OF TWO BEAVER LAKE MAP AREA (116A/11), SOUTHEASTERN OGILVIE MOUNTAINS, YUKON TERRITORY**

by  
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