



LEGEND

Map-units 1 to 15 inclusive, 17, 18 and 25 appear on Map 27-1958, "Great Slave". Map-units 15 to 24 inclusive appear on Map 28-1958, "Trout River".

- CENOZOIC**
- PLEISTOCENE AND RECENT**
- 25 Deltic and alluvial sands and silts of Slave River
- MESOZOIC**
- CRETACEOUS**
- 24 Sandstone and shale
- 23 Dark grey, fissile, rusty shale, concretionary, gypsiferous
- DEVONIAN**
- UPPER DEVONIAN**
- 22 Sandy and cryptocrystalline limestone
- 21 Sandy limestone; reefs
- 20 Sandstone, siltstone, sandy limestone; mudstone
- 19 Greenish grey shale, siltstone
- 18 Varicoloured limestone and shale; reefs
- 17 ALEXANDRA FORMATION: limestone, shale; reefs
- 16 SIMPSON FM. greenish grey shale, siltstone
- 15 Greenish grey shale, limestone, sandstone; 15a, lower reef; 15b, upper reef
- MIDDLE DEVONIAN**
- 14 Fine-grained, brown, stromatopora limestone
- 13 Cryptograind, fine-grained, stromatopora limestone; green shale; in part equivalent to 12
- 12 PRESQU'ILE FORMATION: massive, coarse-grained, vuggy dolomite; equivalent to part of 13
- 11 FINE POINT FORMATION: fine-grained, dark grey limestone, dark grey shale; 11a, limestone and shale; 11b, fine-grained, brown, vuggy dolomite
- 10 Gypsum, limestone, dolomite
- 9 Gypsum, salt, limestone, dolomite; breccia
- ORDOVICIAN**
- 8 Red shale and dolomite; gypsum
- PROTEROZOIC**
- ET-THEN GROUP**
- 7 Sandstone, quartzite, conglomerate
- 6 Diorite
- GREAT SLAVE GROUP**
- 5 Sedimentary and volcanic rocks
- ARCHAEAN**
- 4 Granite, granodiorite, quartz diorite
- 3 Sedimentary gneiss and granitic rocks
- 2 Chloritized granite
- POINT LAKE-WILSON ISLAND GROUP**
- 1 Sedimentary and volcanic rocks

- Rock outcrop
- Geological boundary (approximate, assumed)
- Limit of geological mapping
- Bedding (inclined)
- Fault (approximate, solid circle indicates downthrown side)
- Gas well
- Well, abandoned or suspended

Note 1: Exposures and contacts in Hay River gorge not shown (see text)

ABBREVIATIONS OF WELL NAMES

British American Hudson's Bay	Northwest Territories	Numbers 1 and 2	N
Jean Marie Creek	BAHBJMC	Big Island	NBI
Briggs		Deep Bay	NDB
Foetus Lake	BFL	Desmarais Lake	NDL
Great Slave Lake	BGSL	Escarpment Lake	NEL
Northwest Tathlina Lake	BNTL	Heart Lake	NHL
Rabbit Lake	BRL	Punch Deep Bay	PDB
Tathlina Lake	BTL	Shell Kakisa River	SKR
Tetcho Lake	BTEL	Union Alexandra Falls	UAF
Trout River	BTR	Westerol	W
Turkey Lake	BTUL	Liard Rapids	WLR
Imperial Island River	IIR		

Geology by R. J. W. Douglas, P. Harker, D. J. McLaren, A. W. Norris, D. K. Norris, D. F. Stott, 1957. Compiled by R. J. W. Douglas, 1958

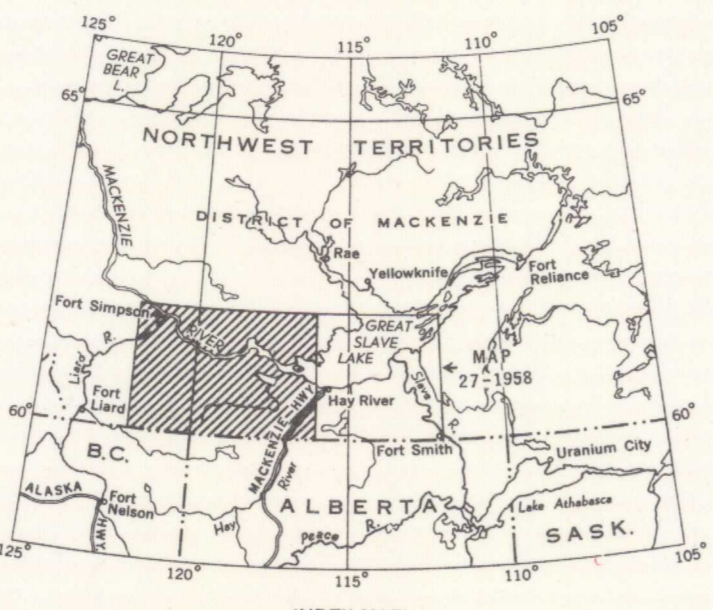
Approximate magnetic declination, 33° 17' East

Cartography by Geological Cartography Unit, 1959

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

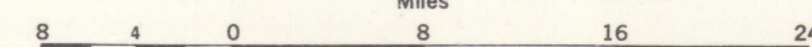
In response to public demand for earlier publication, Preliminary Series maps are now being issued in this simplified form, thereby effecting a substantial saving in time. There is no loss of information, but the maps will be clearer to read if all or some of the map-units are hand-coloured.

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



MAP 28-1958
TO ACCOMPANY PAPER 58-11
TROUT RIVER
DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES

Scale: One Inch to Eight Miles = 1/506,880



Geographical names subject to revision

LEGEND

- Roads
- Winter road
- Provincial boundary
- Surveyed line
- Intermittent lake and stream
- Fall and rapid
- Marsh
- Sand or gravel
- Contours (interval 100 feet)
- Height in feet above mean sea-level