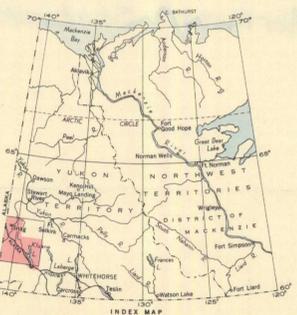


LEGEND

- QUATERNARY**
PLEISTOCENE AND RECENT
13 Till, gravel, sand, silt, peat, soil, volcanic ash
- TERTIARY AND LATER**
POST-EOCENE TO PLEISTOCENE
12 Rhyolite, granite porphyry, latite, and related rocks
- 11 Andesite, basalt, trachyte, latite, related pyroclastic rocks
- TERTIARY**
PALEOCENE TO OLILOCENE
10 Conglomerate, sandstone, shale, lignite
- MESOZOIC**
CRETACEOUS AND TERTIARY (mainly)
9 Mainly granodiorite and granite, but including porphyries and intrusive rocks of intermediate, basic, and ultrabasic compositions; 9a, gabbro (pre-Permian); 9b, porphyry, related to granitic rocks
- CRETACEOUS AND EARLIER**
8 Andesite, diabase, basalt, related pyroclastic rocks
- CARBONIFEROUS TO CRETACEOUS**
7 Shale, sandstone, conglomerate, limestone
- PERMIAN**
6 Sandstone, chert, tuff
- DEVONIAN AND/OR CARBONIFEROUS**
UPPER DEVONIAN AND/OR MISSISSIPPIAN (?)
5 Slate, phyllite, schist, limestone, quartzite, greenstone, granulite
- DEVONIAN**
3 Limestone
- PRE-SILURIAN TO CARBONIFEROUS**
2 Schist, phyllite, limestone, shale, chert
- PRE-SILURIAN TO CRETACEOUS**
4 Undifferentiated rocks (2-8)
- PRECAMBRIAN AND (?) LATER**
1 YUKON GROUP
Schist, quartzite, gneiss, limestone, amphibolite
- Ls Limestone (undifferentiated); Lsa, Carboniferous limestone, with some shale and chert
- Fault (approximate, assumed)
- Glacial striae
- Limit of last major glaciation
- Highway
- Road and building
- Trail
- Telephone line (along highway)
- Triangulation station
- Stream (position approximate)
- Sand and gravel bars
- Glacier
- Height in feet above mean sea-level



Geology compiled by H. S. Bostock from published and manuscript maps and reports, and from information derived in the field, 1945.

Cartography by the Geological Mapping Division, 1951

Base-map compiled from surveys by the Topographical Survey

Approximate magnetic declination, 30° East

CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

MAP 1012A
**NORTHWEST
SHAKWAK VALLEY**
YUKON TERRITORY

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

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