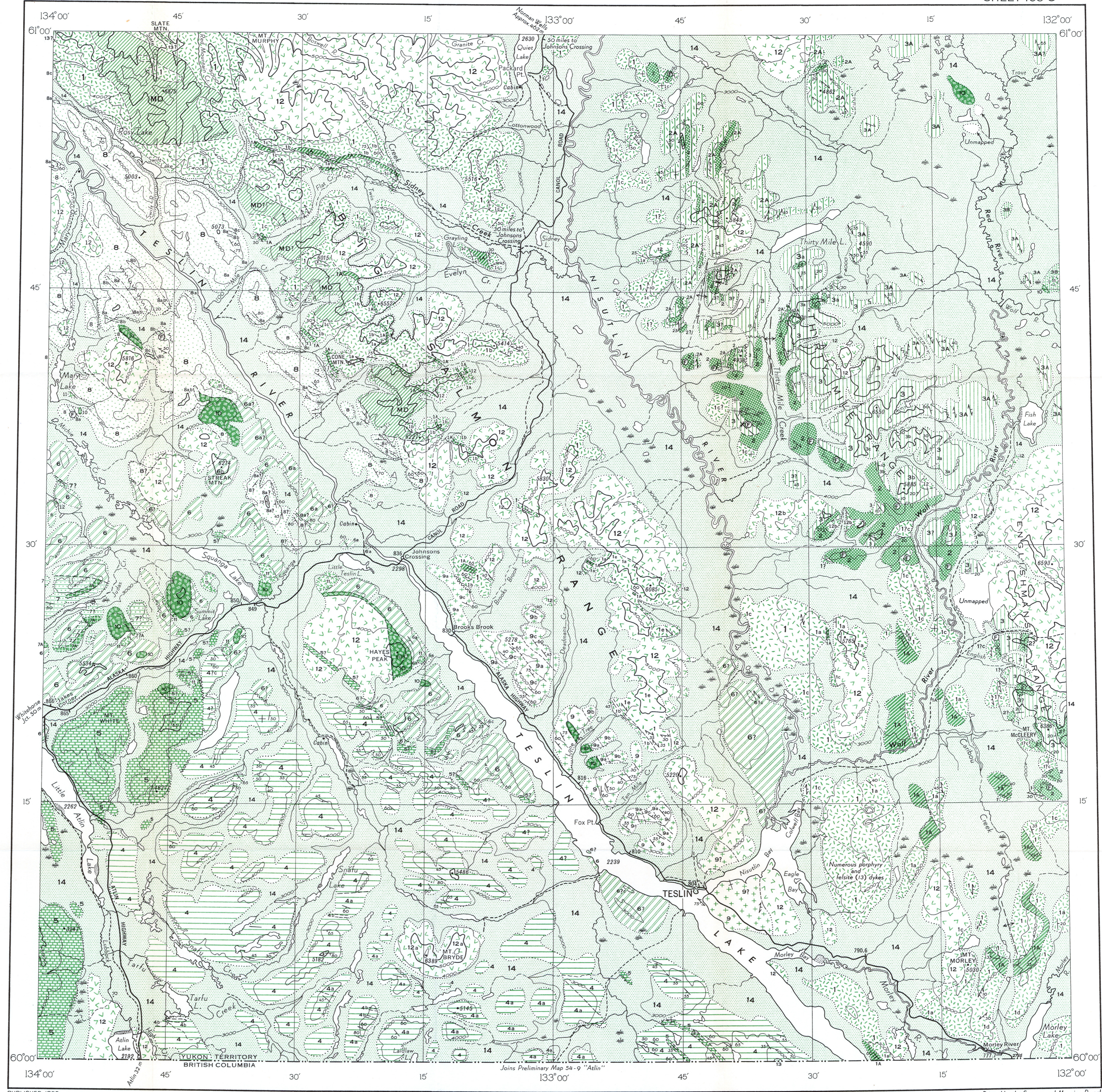
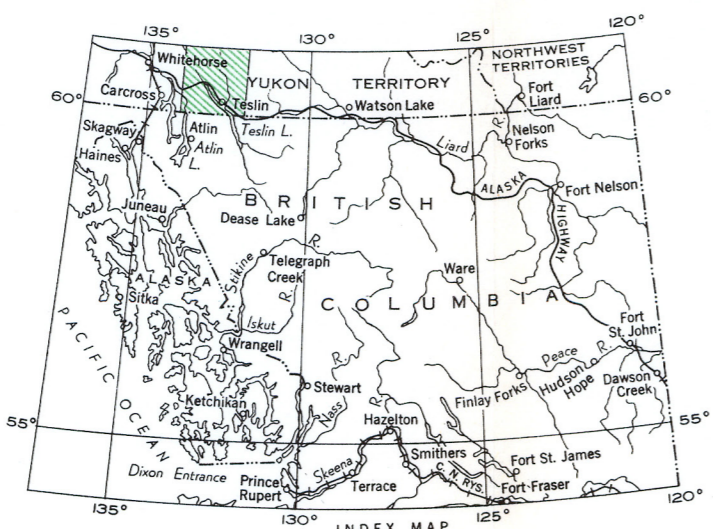


LEGEND

- CENOZOIC**
- QUATERNARY
PLEISTOCENE AND RECENT**
- 14 Drift and alluvium
- JURASSIC OR CRETACEOUS, AND/OR TERTIARY**
- 13 Feldspar-quartz porphyry, felsite
- JURASSIC OR CRETACEOUS
COAST INTRUSIONS**
- 12 Granite, granodiorite; diorite; 12a, gabbro, diorite; hornblende, pyroxenite; granodiorite; 12b, syenite, monzonite, gabbro; granodiorite, diorite
- TRIASSIC OR LATER**
- 11 Diorite
- 10 Peridotite, pyroxenite; serpentine
- TRIASSIC AND/OR JURASSIC (?)**
- 9 Undifferentiated volcanic and sedimentary rocks; 9a, mainly augite, hornblende, and feldspar porphyry flows; agglomerate, breccia, tuff; 9b, greenstone; 9c, argillaceous siltstone, sandstone, greywacke; banded chert
- TRIASSIC AND/OR JURASSIC**
- 8 Argillaceous sandstone and siltstone, greywacke; 8a, conglomerate; 8b, black limestone; 8c, associated volcanic rocks
- TRIASSIC (?)**
- 7 Argillite and sandstone
7A Limestone
- PERMIAN AND/OR TRIASSIC (?)**
- 6 Volcanic and altered volcanic (?) rocks, chert; minor argillite and quartzite; 6a, intermediate lava and pyroclastic rocks; 6b, basic lava; 6c, limestone; 6a and 6b may be Jurassic
- PERMIAN**
- 5 Limestone; minor chert, argillite, slate, greenstone
- PERMIAN (?), POSSIBLY LATER**
- 4 Argillaceous and quartzitic siltstone, sandstone, greywacke; chert; minor limestone; 4a, chiefly banded chert; 4b, limestone; 4c, conglomeratic greywacke
- MISSISSIPPIAN AND/OR LATER**
- 3 Argillaceous quartzite, slate, phyllite, chert; 3a, arkosic grit; 3b, conglomerate; 3c, greenstone
3A. Mainly schistose and silicified rocks; age uncertain
3B. Conglomerate and limestone; probably Permian or later
- MISSISSIPPIAN**
- 2 Limestone
2A. Quartzite, argillaceous phyllite, chert, grit; age uncertain
- MISSISSIPPIAN OR EARLIER (mainly)**
- 1 Schist, gneiss, quartzite, slate, greenstone, limestone; may be in part equivalent to younger units; 1a, chiefly quartzite and quartz mica schist and gneiss; 1b, chiefly dark, argillaceous slate, schist, quartzite; 1c, chiefly green, chloritic and epidotic rocks, biotite schist, amphibolite; 1d, albite gneiss, chlorite-epidote amphibolite; 1e, quartz-biotite-amphibole-epidote-plagioclase-garnet gneiss
1A. Limestone
- MD** Quartz-hornblende and quartz-feldspar-hornblende gneiss and amphibolite; diorite (?); at least in part derived from unit 1
- Bedding (horizontal, inclined, vertical, dip unknown) + x x x
Schistosity (inclined, vertical, dip unknown) / / / /
Fault (defined, assumed) - - - - -
Anticlinal axis (approximate) ~ ~ ~ ~ ~
Synclinal axis (approximate) ^ ^ ^ ^ ^
Fossil locality (C)
- Geology by Robert Mulligan 1950, 1951, 1952, 1953
Cartography by the Geological Cartography Unit, 1955



PUBLISHED, 1955
Printed by the Surveys and Mapping Branch



PRELIMINARY MAP 54-20
TESLIN
YUKON TERRITORY

Scale: One Inch to Four Miles = $\frac{1}{253,440}$
Miles
4 2 0 4 8 12
Approximate magnetic declination, 32° 40' East

- LEGEND**
- Main highway
Other roads
Trail and travelled route
Mile post, Alaska Highway
Provincial boundary
Marsh
Sand or gravel
Contours (interval 1000 feet)
Height in feet above mean sea-level 2292

PRELIMINARY MAP 54-20
TESLIN
YUKON TERRITORY
SHEET 105C

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

This document was produced by scanning the original publication. Ce document est le produit d'une numérisation par balayage de la publication originale.