

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
Granite, granodiorite; diorite; 12a, gabbro, diorite; hornblende, pyroxenite;
granodiorite; 12b, syenite, monzonite, gabbro; granodiorite, diorite

TRIASSIC OR LATER

11 Diorite

MESOZOIC

10 Peridotite, pyroxenite; serpentine

TRIASSIC AND/OR JURASSIC (?)

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 (?)

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)

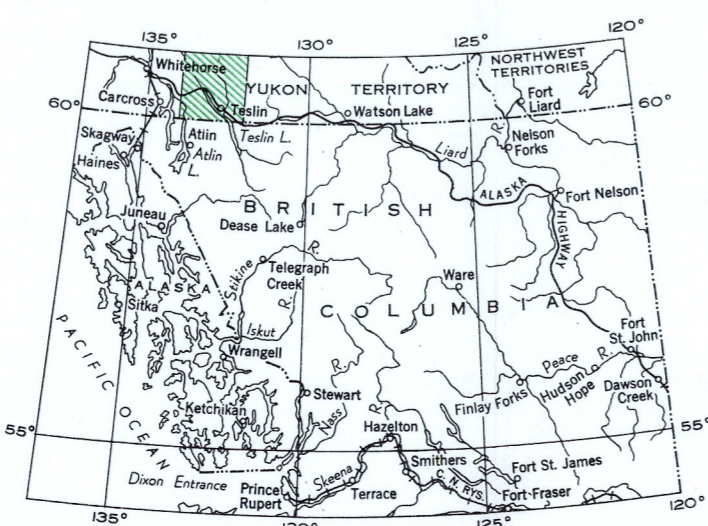
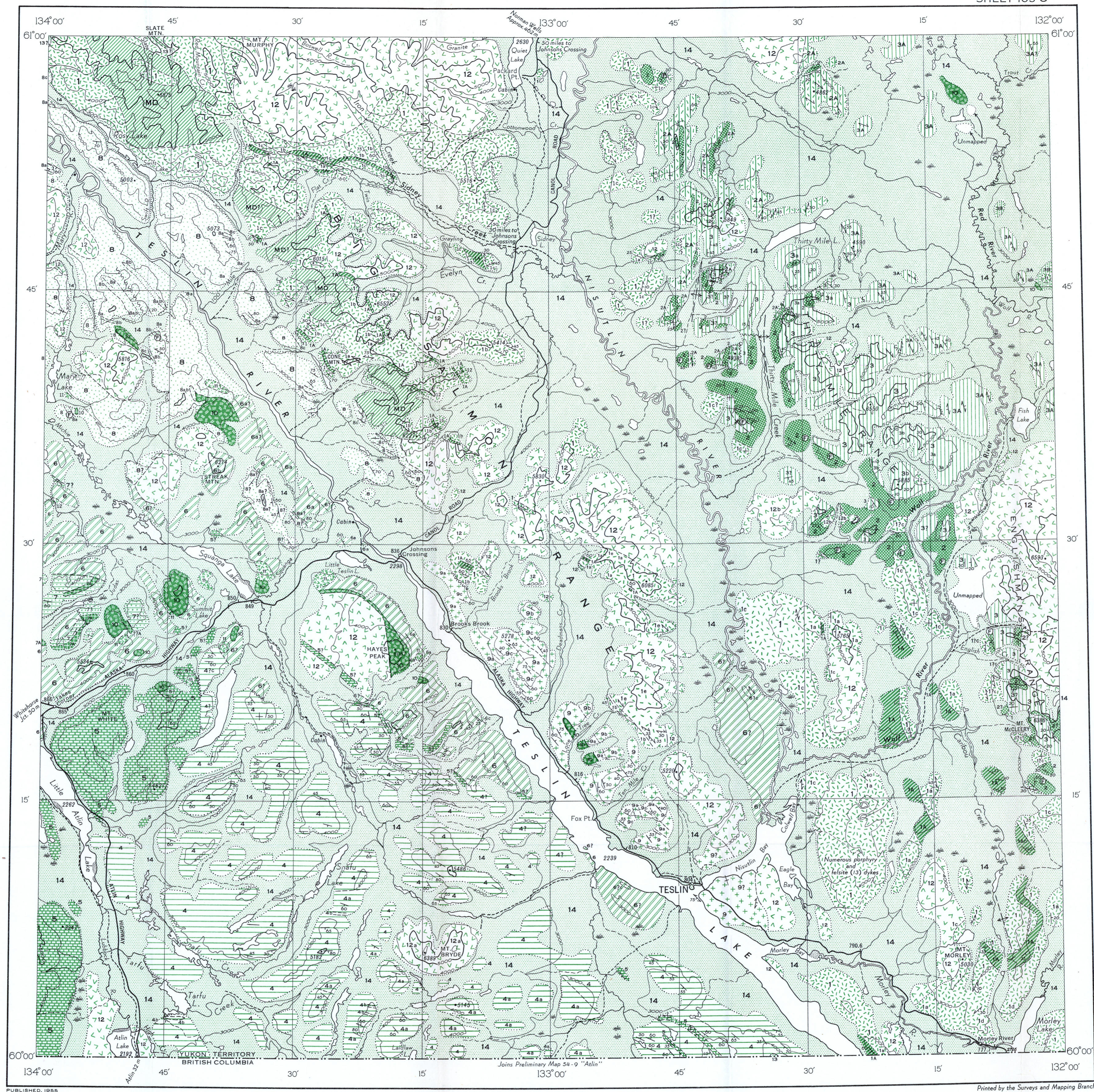
1 Schist, gneiss, quartzite, slate, greenstone, limestone; may be in part
equivalent to younger units; 1a, chiefly quartzite and quartz mica schist
and gneiss; 1b, chiefly dark, argillaceous slate, schist, quartzite;
1c, chiefly green, chloritic and epidotic rocks, biotite schist, amphibolite;
1d, albite 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).....+---+
Schistosity (inclined, vertical, dip unknown).....+---+
Fault (defined, assumed).....+---+
Anticlinal axis (approximate).....+---+
Synclinal axis (approximate).....+---+
Fossil locality.....Ⓢ

Geology by Robert Mulligan 1950, 1951, 1952, 1953

Cartography by the Geological Cartography Unit, 1955



PRELIMINARY MAP 54-20

TESLIN
YUKON TERRITORY

Scale: One Inch to Four Miles = $\frac{1}{253,440}$
Miles

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.....

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