



- LEGEND**
- CENOZOIC**
- QUATERNARY**  
PLEISTOCENE AND RECENT  
15 Drift and alluvium
- CRETACEOUS**
- 13 **COAST AND CASSIAR INTRUSIONS**  
Granite, granodiorite, diorite; 13a, gabbro, diorite; hornblende, pyroxenite; granodiorite; 13b, syenite, monzonite, gabbro; granodiorite, diorite
- 12 Diorite
- 11 Peridotite, pyroxenite; serpentine
- 9 **TRIASSIC AND/OR JURASSIC**  
UPPER TRIASSIC AND/OR JURASSIC  
Argillaceous sandstone and siltstone, greywacke; 9a, conglomerate; 9b, black limestone; 9c, associated volcanic rocks
- 8 **TRIASSIC**  
UPPER TRIASSIC  
LEWIS RIVER GROUP  
Argillite and sandstone; 8a, limestone
- 6 **PERMIAN OR (?) LATER**  
Conglomerate, greywacke, limestone
- 4 5 **PENNSYLVANIAN (?) AND PERMIAN**  
CACHE CREEK GROUP (4,5)  
5, Limestone; minor chert, argillite, slate, greenstone  
4, Argillaceous and quartzitic siltstone, sandstone, greywacke; chert; minor limestone; 4a, chiefly banded chert; 4b, limestone; 4c, conglomeratic greywacke; 4d, banded argillite and argillaceous quartzite
- 2 3 **MISSISSIPPIAN**  
ENGLISHMANS GROUP (2,3)  
3, Argillaceous quartzite, slate; phyllite, chert; 3a, arkosic grit; 3b, conglomerate; 3c, limestone; 3d, greenstone  
3A, Quartzose and argillaceous schist and phyllite; minor limestone; mainly equivalent to 2 and 3, but in part to 1, and in part of uncertain age  
2, Limestone
- 1 **MISSISSIPPIAN OR EARLIER (MAINLY)**  
BIG SALMON COMPLEX  
Schist, gneiss, quartzite, 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, limestone; 1d, chiefly green, chloritic and epidotic rocks, biotite schist, amphibolite; 1e, albite gneiss, chlorite-epidote amphibolite; 1f, quartz-biotite-amphibole-epidote-plagioclase-garnet gneiss
- A Quartz-hornblende and quartz-feldspar-hornblende gneiss and amphibolite; diorite (?); at least in part derived from 1

- Bedding (horizontal, inclined, vertical, dip unknown)
- Schistosity (inclined, vertical, dip unknown)
- Fault (defined, assumed)
- Anticline (approximate)
- Syncline (approximate)
- Fossil locality

Geology by R. Mulligan, 1950-1953

Geology of northwestern part of map-area in part adapted from Lees, 1936 map and field notes; including practically all the part north of the immediate valley of Sidney Creek, upper Swift River, and the trench through Swift Lake and Rosy Lake

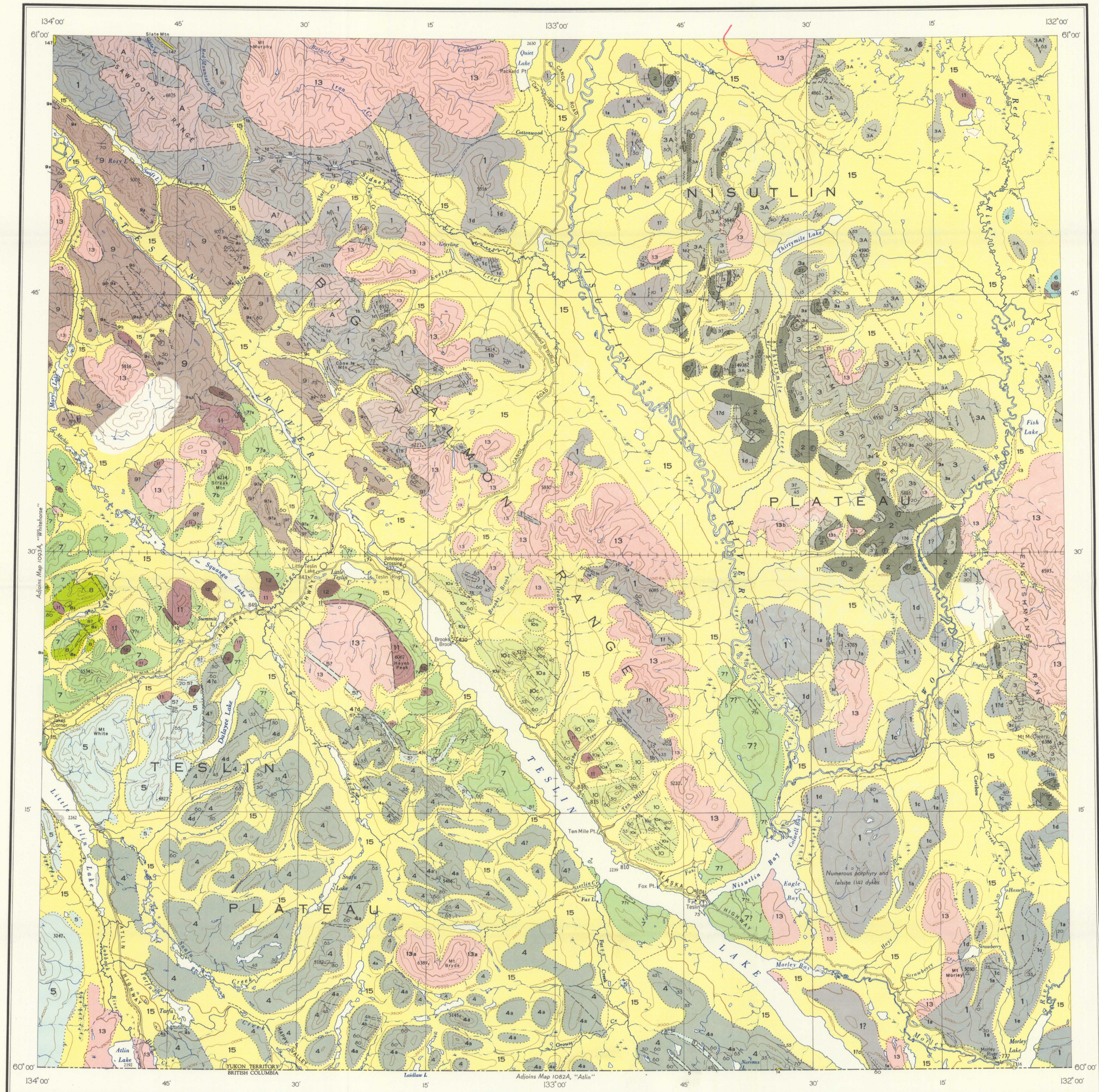
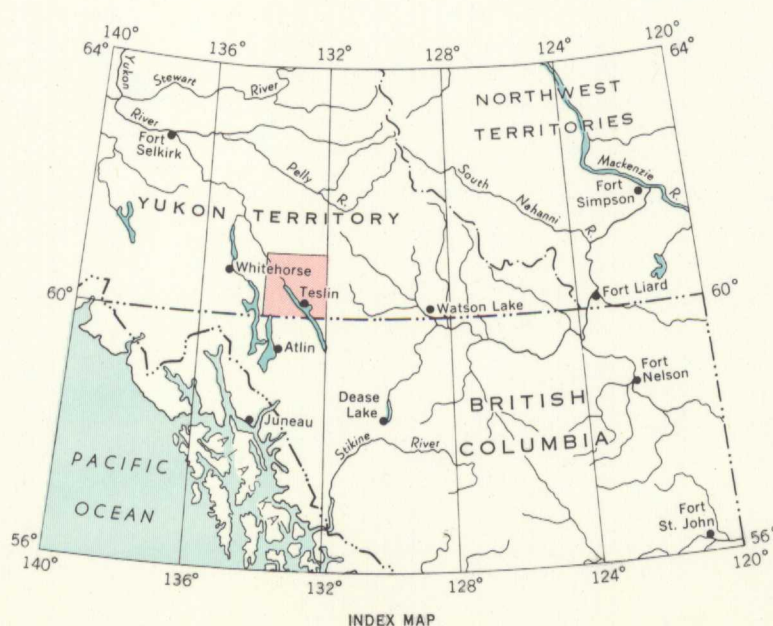
To accompany G. S. C. Memoir 326 by R. Mulligan

Cartography by the Geological Survey of Canada, 1963

- Road, loose surface, all weather
- Trail and travelled route
- Milepost, Alaska Highway
- Telephone, trunk line
- Building
- Post Office
- Landing strip
- Seaplane anchorage
- Horizontal control point
- Boundary monument
- Provincial boundary
- Intermittent stream
- Marsh
- Sand or gravel
- Contours (interval 500 feet)
- Height in feet above mean sea-level

Base-map prepared by the Surveys and Mapping Branch, 1950-1952

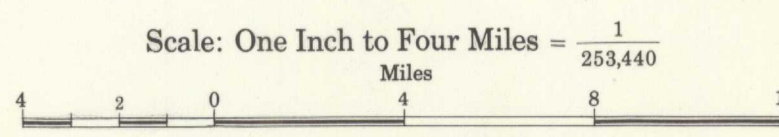
Mean magnetic declination, 32° 20' East, decreasing 3.7' annually.  
Readings vary from 31° 20' in the S W corner to  
33° 11' in the N E corner of the map-area



PUBLISHED, 1963  
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MAP 1125A  
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