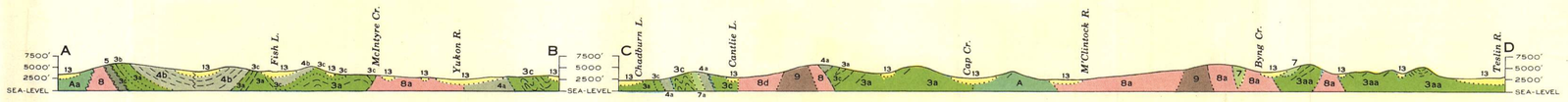
GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS



Sections along lines A-B and C-D

SHEET 105 D

LEGEND

CENOZOIC

QUATERNARY

- **13** — *Alluvium, glacial deposits, volcanic ash, loess*
- **12** — *MILES CANYON BASALT: basalt, minor pyroclastic rocks*

TERTIARY OR EARLIER

- **11** — *Granite porphyry, rhyolite*

SKUKUM GROUP

- **10** — *Andesite, basalt, rhyolite, and trachyte breccias, tuffs, and flows, 'granitic agglomerate'; minor greywacke*
- **9** — *Pink quartz monzonite*

MESOZOIC

CRETACEOUS

COAST INTRUSIONS

- **8** — *Granodiorite, granite, quartz monzonite, quartz diorite, and allied rocks;* **8a**, *hornblende-biotite-oligoclase granodiorite;* **8b**, *leucocratic granite, biotite granite;* **8c**, *biotite-hornblende quartz diorite;* **8d**, *hornblende diorite;* **8e**, *gneissic 'porphyritic' granodiorite;* **8f**, *shattered granodiorite and 'granitic breccia';* **8g**, *pegmatitic syenite*

HUTSHI GROUP

- **7** — *Basalt, andesite, quartz latite, and rhyolite flows, breccias, and tuffs; conglomerate; minor greywacke and argillite;* **7a**, *basalt dyke;* **7b**, *altered volcanic rocks probably belonging to Hutshi group*
- **6** — *Peridotite, dunite, serpentinite, pyroxenite*

JURASSIC (?) AND CRETACEOUS
UPPER JURASSIC (?) AND LOWER CRETACEOUS

- **5** — *TANTALUS FORMATION: arkose, siltstone, conglomerate, argillite, coal*

JURASSIC
LOWER JURASSIC AND LATER
LABERGE GROUP

- **4** — **4a**, *greywacke; arkose, quartzite, conglomerate, siltstone, argillite, hornfels;* **4b**, *mainly conglomerate*

TRIASSIC
UPPER TRIASSIC
LEWES RIVER GROUP

- **3** — **3a**, *greywacke, siltstone, argillite, conglomerate, and tuffaceous equivalents;* **3aa**, *includes Jurassic rocks;* **3b**, *andesite, basalt flows and associated pyroclastic rocks;* **3c**, *limestone, limestone breccia;* **3d**, *metamorphosed rocks probably belonging to Lewes River group*

PALÆOZOIC

PENNSYLVANIAN (?) AND PERMIAN
TAKU GROUP

- **2** — **2a**, *mainly chert;* **2b**, *greenstone flows and pyroclastic rocks;* **2c**, *limestone, limestone breccia;* **2d**, *metamorphosed volcanic rocks, probably belonging to Taku group;* **2ds**, *metamorphosed volcanic rocks containing numerous serpentine bodies*

PRECAMBRIAN AND LATER

YUKON GROUP

- **1** — **1a**, *Quartz-mica, quartz-chlorite, and mica schists; quartzite, micaceous quartzite, gneiss, and amphibolite;* **1b**, *feldspathic gneiss, gneissic granitic rocks, lit-par-lit gneiss;* **1c**, *crystalline limestone*

- **A** — *Volcanic rocks of uncertain age;* **Aa**, *metamorphosed volcanic rocks*

Bedding (horizontal, inclined, vertical, overturned)
Bedding (dip known, top of bed unknown)
Schistosity, gneissosity (inclined, vertical)
Slaty cleavage (inclined, vertical)
Fault (defined, approximate, assumed)
Anticlinal axis (arrow indicates direction of plunge)
Synclinal axis (arrow indicates direction of plunge)
Fossil locality ..... 23 Ⓕ
Mine ..... 15 ⚒
Mineral occurrence ..... 16 ×
Placer deposit ..... ×

SYMBOLS FOR METALS AND MINERALS

Antimony	Sb	*Gold*	Au
Coal	Coal	*Lead*	Pb
Copper	Cu	*Silver*	Ag
Fluorite	fl	*Zinc*	Zn

Geology by J. G. Fyles, 1946; J. R. Johnston, 1947; and J. O. Wheeler, 1948–1951

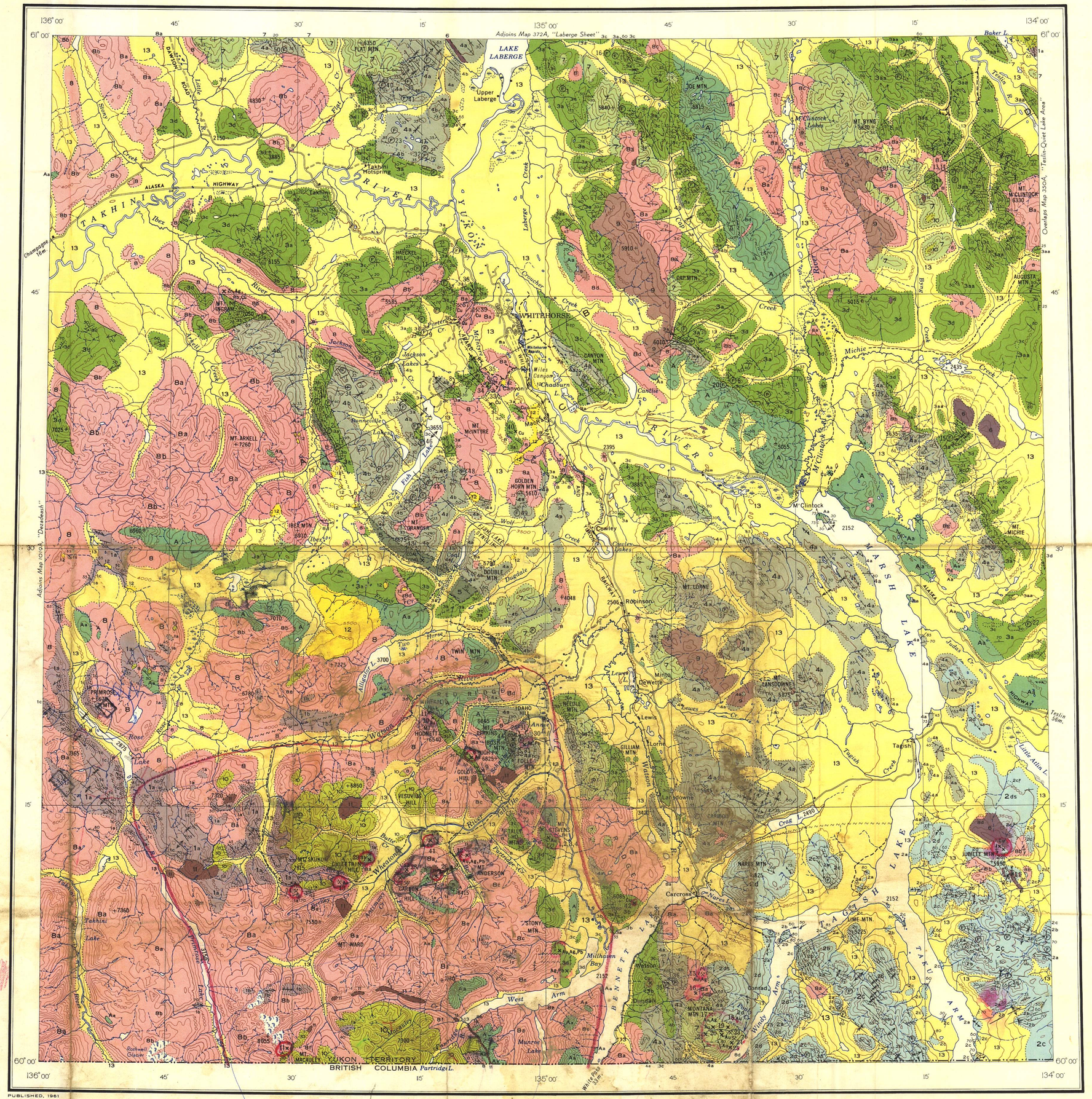
To accompany G.S.C. Memoir 312 by J. O. Wheeler

Approximate magnetic declination 31° 16′ East

Base-map compiled by the Topographical Survey, 1947

Cartography by the Geological Survey of Canada, 1960

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


136° 00′
135° 00′
134° 00′
61° 00′
60° 00′
45′
30′
15′
Adjoins Map 372A, "Laberge Sheet"
Adjoins Map 1010A, "Decadeach"
Overlaps Map 350A, "Teslin-Quiet Lake Area"
LAKE LABERGE
Upper Laberge
Baker L.
TAKHINI RIVER
YUKON RIVER
ALASKA HIGHWAY
WHITEHORSE
Takhini Hotspring
Takhini
Champagne 16m.
Teslin 56m.
White Pass 33m.
Little Atlin L.
Atlin L.
Tagish Lake
Marsh Lake
Bennett Lake
Taku Arm
Tagish Arm
Windy Arm
Carcross
Robinson
Cowley
Lewes
Minto
Dewey
Lewis
Lorne
Tagish
Conrad
Dunjaik
Milkhaven Bay
Croft L. 2490
Nares L.
Partridge L.
Munroe Lake
Rothwell Glacier
Mt. Ward
Mt. Skukum
Mt. Anderson
Mt. Stevens
Mt. McIntyre
Mt. Orange
Mt. Arkell
Mt. Byng
Mt. McClintock
Mt. Michie
Mt. Lorne
Mt. Lansdowne
Mt. Macauley
Mt. Primrose
Mt. Ibex
Mt. Haeckel
Mt. Jubilee
Mt. Lime
Mt. Nares
Mt. Conrad
Mt. Montana
Mt. Joe
Mt. Cap
Mt. Canyon
Mt. Gilliam
Mt. Stony
Mt. Augusta
Mt. Lansdowne
Mt. Lewes
Mt. Lewis
Mt. Minto
Mt. Dewey
Mt. Tagish
Mt. Carcross
Mt. Robinson
Mt. Cowley
Mt. Tagish
Mt. Michie
Mt. Byng