

LEGEND

QUATERNARY
PLEISTOCENE AND RECENT

13 Alluvium, glacial deposits, volcanic ash

TERTIARY

MILES CANYON BASALTS
basalt, minor pyroclastic rocks

Granite porphyry

SKURUM VOLCANIC ROCKS

Basalt, andesite, rhyolite, and trachyte
flows, tuffs, and agglomerate

CRETACEOUS OR LATER

Pink granite

CRETACEOUS

COAST INTRUSIONS (8)
Granite, quartz monzonite, granodiorite, quartz diorite, and allied
rocks: 8A, biotite-oligoclase granodiorite; 8B, biotite granite;
8C, hornblende-biotite quartz diorite; 8D, hornblende diorite;
8E, gneiss porphyritic granodiorite; 8F, intrusive breccia

Pyroxenite, peridotite, serpentinite

HUTSHI GROUP

Basalt, andesite, quartz latite, and rhyolite flows, breccias, and
tuffs; conglomerates; minor gneiss and argillite

JURASSIC OR CRETACEOUS

UPPER JURASSIC OR LOWER CRETACEOUS

TANTALUS FORMATION: conglomerate,
sandstone, shale, coal

JURASSIC

LOWER JURASSIC AND (?) LATER

LABERGE GROUP

4A Conglomerate, greywacke, arkose, quartzite,
siltstone, argillite

4B Mainly conglomerate

TRIASSIC AND (?) JURASSIC

UPPER TRIASSIC AND (?) LATER

LEWES RIVER GROUP

3A Conglomerate, greywacke, arkose, siltstone, argillite,
and tuffaceous equivalent; 3B, may be of Jurassic age

3B Basic lavas and associated pyroclastic rocks

CARBONIFEROUS AND/OR PERMIAN (?)

TAKU GROUP

2A Mainly chert

2B Basic lavas and pyroclastic rocks

YUKON GROUP

1A Quartz-mica, quartz-chlorite, and mica schists; quartzite,
micaceous quartzite, and gneiss

1B Feldspathic gneiss, gneissic granite

Metamorphosed equivalents of the Lewes River group and,
possibly, of the Taku, Laberge, and Hutshi groups:
meta-sedimentary and meta-volcanic rocks, greenstone, gneiss,
biotite and chlorite schists, amphibolite, and crystalline
limestone; AG, granitized rocks; AS, volcanic rocks containing
serpentine bodies

Volcanic rocks of uncertain age

Limestone: C1, in Yukon group; C2, Paleozoic;
C3, Upper Triassic

Bedding (horizontal, inclined, vertical, overturned)

Slaty cleavage, schistosity, gneissosity (inclined, vertical)

Fault (defined, assumed)

Anticlinal axis

Synclinal axis

Fossil locality

Mine

Mineral occurrence

Placer deposit

SYMBOLS FOR METALS AND MINERALS

Gold: Au Zinc: Zn

Silver: Ag Antimony: Sb

Copper: Cu Fluorite: F

Lead: Pb Coal: Coal

Geology by J. G. Fyles, 1945; J. R. Johnston, 1947; and
J. O. Wheeler, 1948, 1949, 1950, 1951.

Main road and building

Other roads

Trail

Sand or gravel

Intermittent stream

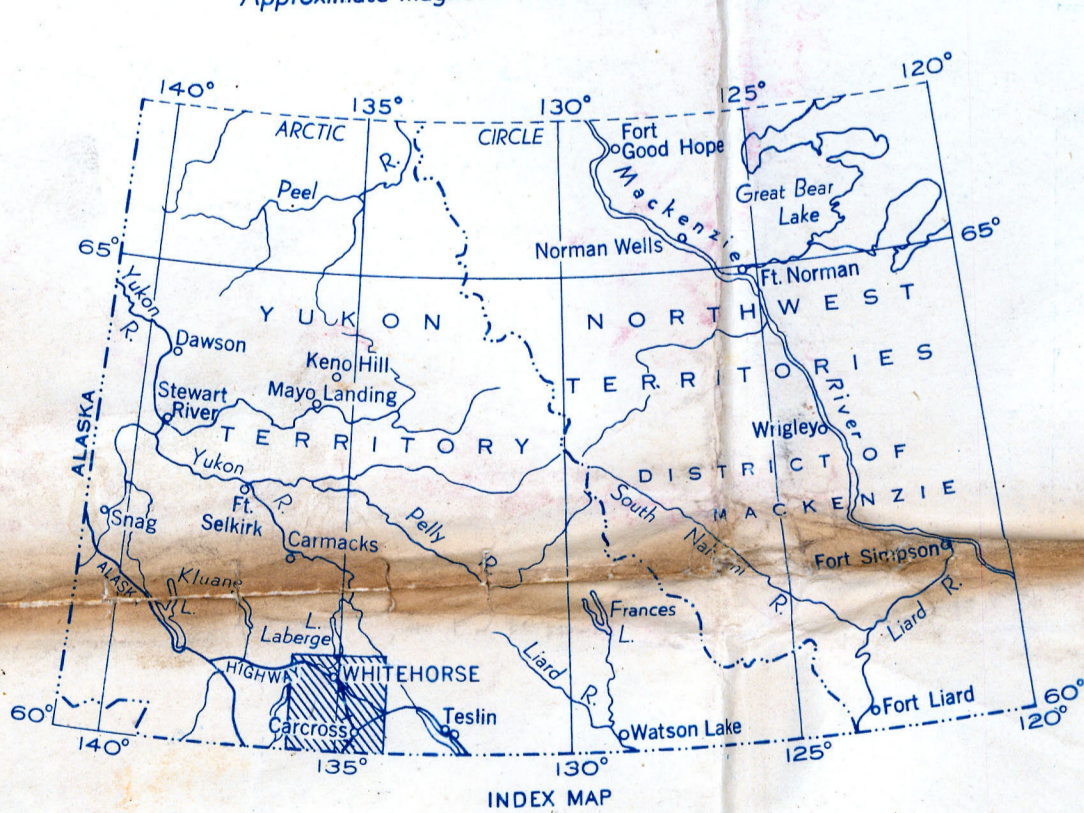
Marsh or swamp

Contours (interval 1000 feet)

Contours (position approximate)

Height in feet above mean sea-level 6670

Approximate magnetic declination, 31° 30' East

CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

PRELIMINARY MAP 52-30A

WHITEHORSE
YUKON TERRITORYScale: One Inch to Two Miles = 1:126,720
Miles