SHEET 105 D

LEGEND

CENOZOIC

QUATERNARY
PLEISTOCENE AND RECENT

13 — *Alluvium, glacial deposits, volcanic ash*

TERTIARY

12 — *MILES CANYON BASALTS: basalt; minor pyroclastic rocks*

Granite porphyry

SKUKUM VOLCANIC ROCKS

10 — *Basalt, andesite, rhyolite, and trachyte flows, tuffs, and agglomerate*

CRETACEOUS OR LATER

Pink granite — "Brown 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, *gneissic porphyritic granodiorite;* 8f, *'intrusive breccia'*

Pyroxenite, peridotite; serpentine

HUTSHI GROUP

Basalt, andesite, quartz latite, and rhyolite flows, breccias, and tuffs; conglomerate; minor greywacke and argillite

MESOZOIC

JURASSIC OR CRETACEOUS
UPPER JURASSIC OR LOWER CRETACEOUS

TANTALUS FORMATION: conglomerate, sandstone, shale, coal

JURASSIC
LOWER JURASSIC AND (?) LATER
LABERGE GROUP

4A, 4B — 4A. *Conglomerate, greywacke, arkose, quartzite, siltstone, argillite*
4B. *Mainly conglomerate*

TRIASSIC AND (?) JURASSIC
UPPER TRIASSIC AND (?) LATER
LEWES RIVER GROUP

3A, 3B — 3A. *Conglomerate, greywacke, arkose, siltstone, argillite, and tuffaceous equivalents;* 3Aa, *may be of Jurassic age*
3B. *Basic lavas and associated pyroclastic rocks*

PRECAMBRIAN AND LATER PALÆOZOIC

CARBONIFEROUS AND/OR PERMIAN (?)
TAKU GROUP

2A, 2B — 2A. *Mainly chert*
2B. *Basic lavas and pyroclastic rocks*

YUKON GROUP

1A, 1B — 1A. *Quartz-mica, quartz-chlorite, and mica schists; quartzite, micaceous quartzite, and gneiss*
1B. *Feldspathic gneiss, gneissic granite*

A — *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*

B — *Volcanic rocks of uncertain age*

C1–C3 — *Limestone:* C1, *in Yukon group;* C2, *Palaeozoic;* C3, *Upper Triassic*

Bedding (horizontal, inclined, vertical, overturned)
Slaty cleavage, schistosity, gneissosity (inclined, vertical)
Fault (defined, assumed)
Anticlinal axis
Synclinal axis
Fossil locality (F)
Mine
Mineral occurrence
Placer deposit

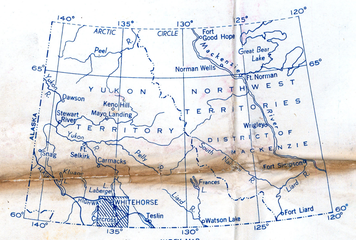
SYMBOLS FOR METALS AND MINERALS

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

Geology by J. G. Fyles, 1946; 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 TERRITORY

Scale: One Inch to Two Miles = 1/126,720
Miles 2 1 0 2 4 6 8

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