GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

LEGEND

CENOZOIC

PLEISTOCENE AND RECENT

12 Fluvio-glacial deposits

MESOZOIC

CRETACEOUS

11 Biotite quartz monzonite, minor granodiorite and granite; 11a, rhyolite dykes

PALAEOZOIC

CAMBRIAN

MIDDLE AND (?) UPPER CAMBRIAN

9 Silty limestone, siltstone, light grey, thin banded, platy; 9a, black argillite, slate; minor dark grey limestone

LOWER CAMBRIAN

6 Dolomite, cream to white, massive, coarsely crystalline, buff weathering; minor quartzite; 6a, quartzite, pure white, coarse-grained

5 "Hanging-wall" argillite; argillite, slate, hornfels; black to brown; minor dolomite, marble and quartzite

4 Dolomite, coarsely crystalline, massive, pink-orange weathering; dark grey platy dolomite at base

3 "Ore-limestone"; coarse-grained blue-grey marble and light grey finely crystalline limestone

2 "Swiss-cheese limestone"; dolomitic, calcareous siltstone with bands, pods and lenses of light grey silty limestone

LOWER CAMBRIAN AND (?) EARLIER

1 "Footwall-argillite"; silty slate, siltstone, fine-grained quartzite, red to red-brown weathering; minor hornfels

S Scheelite-bearing skarn; Sa, skarn with rare scheelite

Locally drift-covered area (shown by letter D after unit number) . . . 6D
Geological boundary (defined, approximate, assumed)
Geological boundary (projected) . . . . . .
Limit of geological mapping . . . . . .
Bedding (inclined, overturned), ...
Cleavage (inclined, vertical), ...
Lineation, axes of minor folds (horizontal, inclined) . . . . . .
Trend line (appears in sections only) . . . . . .
Fault (defined, approximate and assumed, solid circle indicates downthrow side) . . . . . .
Joint (inclined, vertical) . . . . . .
Anticline (defined, approximate, arrow indicates direction of plunge) . . . . . .
Syncline (defined, approximate, arrow indicates direction of plunge) . . . . . .
Anticline, syncline (overturned) . . . . . .
Fossil locality . . . . . .
Hot spring . . . . . .

Geology by S. L. Blusson, 1962, 1963

Geological cartography by the Geological Survey of Canada, 1967

Base-map cartography by the Geological Survey of Canada, 1967
from maps of the Canada Tungsten Mining Corporation Limited

Elevations in feet above mean sea-level

Published, 1968

Printed by the Surveys and Mapping Branch

Figure 13. Geology in the vicinity of the Canada Tungsten mine, Yukon Territory and District of Mackenzie.

Scale 1:9,600
(1 inch to 800 feet)

Feet 800 — 0 — 800 — 1600 — 2400 Feet
Metres 200 — 0 — 200 — 400 — 600 Metres

To accompany GSC Paper 67-22 by S. L. Blusson

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