

Canada
Department of Mines

HON. T. A. CRERAR, MINISTER, CHARLES CAMSELL, DEPUTY MINISTER.

BUREAU OF ECONOMIC GEOLOGY
GEOLOGICAL SURVEY

Issued 1936
REPRINTED, 1956

LEGEND

- | | | |
|------------------------------|----|---|
| 916 | 14 | Recent alluvium, glacial drift, volcanic ash |
| MODERN AND TERTIARY | | |
| | 15 | SELKIRK SERIES: Basalt and andesite flows |
| | 14 | SELKIRK SERIES: Basalt and andesite flows, breccias and tuffs; 14a, gravel and sand underlying the volcanic rocks |
| 925 | 13 | TERTIARY: Quartz porphyry, granite porphyry, rhyolite |
| 929 | 12 | CARMACKS VOLCANICS: Basalt, andesite, dacite and trachyte flows, breccias and tuffs |
| 946 | 11 | Conglomerate, tuff, tuffaceous sandstone, shale |
| 940 | | |
| JURASSIC OR LATER | | |
| 921 | 10 | Granite, granodiorite, and allied rock types |
| 745 | 9 | Syenite, monzonite, and allied rock types |
| 745 | 8 | Diorite, gabbro, and allied rock types |
| MESOZOIC | | |
| 94 | 7 | MOUNT NANSEN GROUP: Basalt, andesite and dacite flows, breccias and tuffs |
| | 6 | TANTALUS FORMATION: Conglomerate, sandstone, shale, coal seams |
| JURASSIC | | |
| | 5 | LABERGE SERIES: Conglomerate, sandstone, arkose, greywacke, shale, tuff, coal seams |
| TRIASSIC | | |
| 911 | 4 | LEWES RIVER SERIES: Limestone, some tuffaceous sandstone |
| PRECAMBRIAN AND LATER | | |
| 745 | 3 | Granite-gneiss, diorite-gneiss |
| 742 | 2 | YUKON GROUP: Limestone |
| 742 | 1 | Mica-quartz schist; some chlorite schist, graphite schist, quartzite, serpentine, gneiss, limestone |
| 929 | 10 | Areas in which dykes and irregular bodies of Tertiary quartz porphyry, granite porphyry and rhyolite are numerous |
| 908 | | Limit of last glaciation |
| | | Geological boundary (defined, approximate, assumed) |
| | | Glacial striae |
| | | Trail |

Surveys and topography by the Topographical Division, Geological Survey, Department of Mines.
Geology by H. S. Bostock, 1932, 1933, and 1934.

INDEX TO MINERAL PROPERTIES

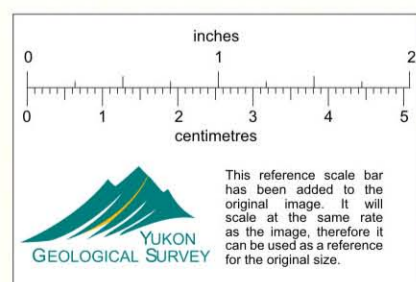
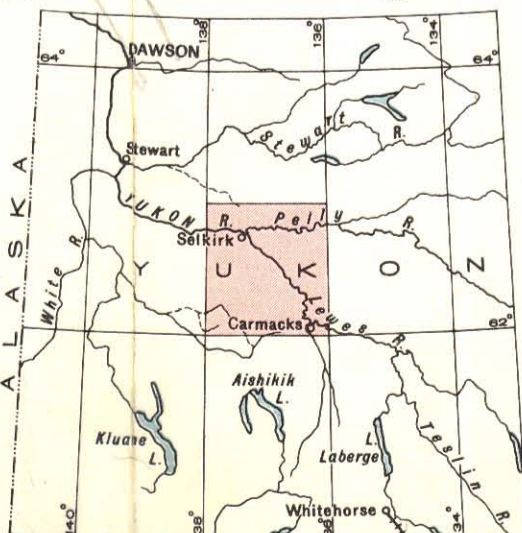
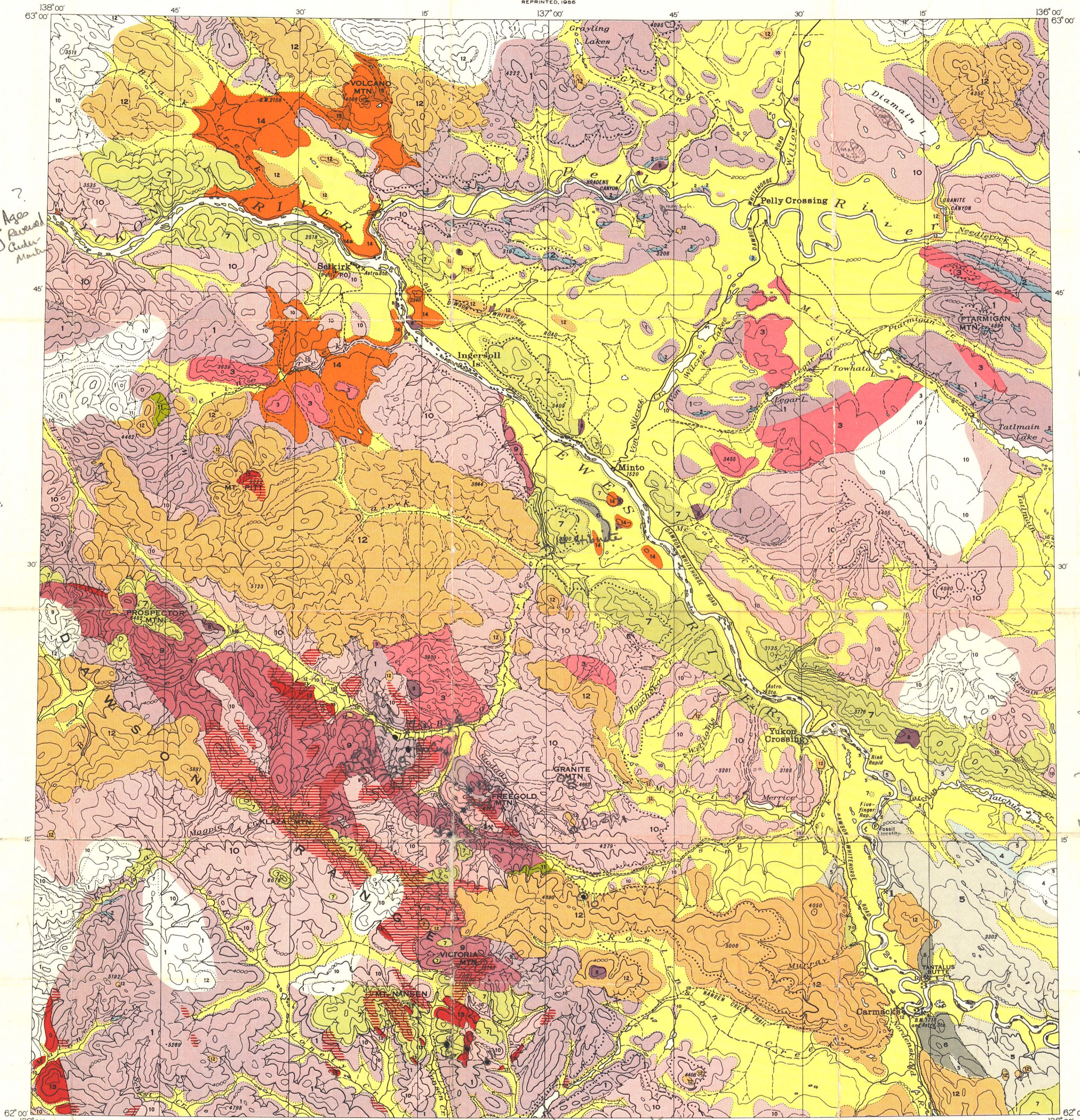
- | | |
|--------------------------|-----------------------------|
| 1. Five Finger Coal Mine | 3. Tantalus Butte Coal Mine |
| 2. Tantalus Coal Mine | 4. Goose Mineral Claim |

PROSPECTING POSSIBILITIES

The district, in all but the southeastern part, contains intrusive bodies with which mineral deposits are likely to be associated and for this reason most of it offers some promise for prospecting. The most promising parts are the broad slopes of Dawson Range and the contact between the granites and the Mount Nansen group stretching northwest from Yukon Crossing. Little is to be expected of the areas of Carmacks and Selkirk volcanics. These recommendations refer to both lode and placer possibilities, but for placer prospecting the unglaciated country is the more favourable.

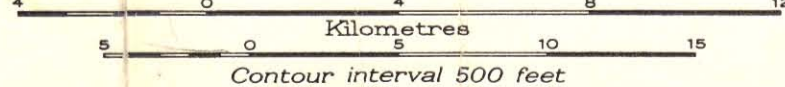
TRAVEL NOTE

In descending Lewes river in a small boat it is advisable to keep to the channel along the right bank or east side in both Five-finger and Rink rapids.



MAP 340A
CARMACKS SHEET
YUKON TERRITORY

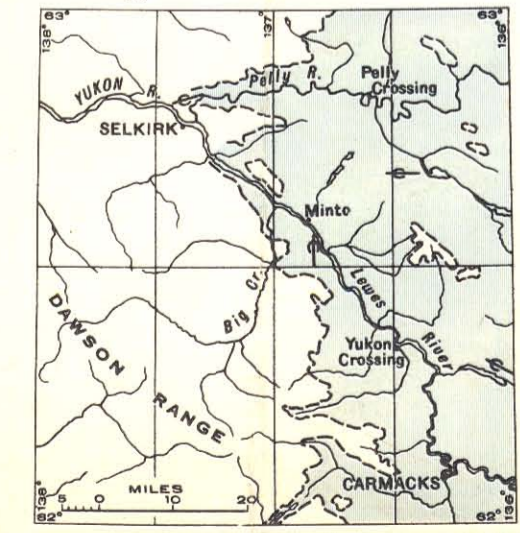
Scale, 25,000 or 1 Inch to 4 Miles



Contour interval 500 feet

Approximate magnetic declination 34'16" East

Printed by the Surveys and Mapping Branch



INDEX MAP SHOWING AREA (COLOURED BLUE) COVERED BY ICE DURING THE LAST GLACIATION

PbZn Tutu Hill
concent 1960
Pb₂ Calumashony
Cuden
Au₂ Lode gold
in 18" gte v.
Cuden.
Au₂ Lode
show Cuden
Revenue etc.
5 Obsidian
x6 } Leo Proclo
x7 } drilled in 1960
x6 2 holes, 3' & 34'
x7 2 holes 14' & 26'
8 2 claims
contains
sulphides
concent 1959
9 Au Caribou
etc
Cuden had small
mill here.
4x Ormsby Mines
o/10 Agate
o/11 Brown
Mc Dade
o/12 Mt. Nansen
o/13 Heurleis
14 Stibnite spec
Fred stretch
15 Cuden
small
showing Spchal
CP & barite
July 6/66
Silver Standards
holdings - see
D. Campbell's
report
Bill Deem has
Brown Mc Dade
files.
Dave Miller - there
on alteration
Kernie Lab?
1946
Nansen thesis
on geology

013199

Geol. Field Sheet 1969