LEGEND

CENOZOIC

QUATERNARY

6 — Recent alluvial, talus, and bog deposits, stratified sand, gravel, and clay

MESOZOIC

CRETACEOUS

LOWER CRETACEOUS

UPPERMOST BARREMIAN(?) AND/OR APTIAN

5 — Upper sandstone division: resistant, light grey, buff or rusty coloured, fine- to coarse-grained sandstone; considerable soft, grey to blackish grey, silty or clayey, shale-like sandstone and siltstone; minor gritty sandstone

UPPER HAUTERIVIAN(?) AND BARREMIAN

4 — Upper shale-siltstone division: dark grey to blackish grey shale and siltstone; rusty weathering clay ironstone often plentiful; considerable grey silty, shale-like sandstone near middle and top; minor resistant, light coloured sandstone near top

UPPER BERRIASIAN AND VALANGINIAN

3 — Lower sandstone division: resistant, light grey, white, and buff, fine- to coarse-grained sandstone; minor soft, dark to blackish grey, clayey, and shale-like sandstone; minor interbeds of coaly rocks; may be in part non-marine

JURASSIC AND CRETACEOUS

UPPER JURASSIC AND LOWER CRETACEOUS

UPPER OXFORDIAN(?) TO UPPER BERRIASIAN

2 — Lower shale-siltstone division: dark to brownish grey shale and siltstone; rusty weathering clay ironstone often plentiful; considerable sandy siltstone and silty sandstone in upper part; minor gritty to pebbly sandstone, pebble conglomerate, and coquina sandstone

PALAEOZOIC AND MESOZOIC

JURASSIC AND EARLIER

1 — 1a, Palaeozoic rocks: red weathering conglomerate and sedimentary breccia; resistant, buff to rusty coloured, fine- to medium-grained, marine sandstone; grey, bluish black, buff, and reddish shale and argillite; 1b, Jurassic rocks: resistant, light-grey to buff or rusty coloured, fine-grained sandstone; considerable grey, to blackish grey, silty, shale-like, fine-grained sandstone and sandy siltstone; minor grey to blackish grey shale, grit, and pebble conglomerate

Geological boundary (defined, approximate, assumed)

Limit of geological mapping

Bedding (inclined, vertical, overturned)

Bedding (from air photographs or distant observation)

Fault (defined, approximate, assumed)

Anticline (defined, approximate, arrow indicates plunge)

Syncline (defined, approximate, arrow indicates plunge)

Approximate position of sections described ①

Top of prominent mountain +

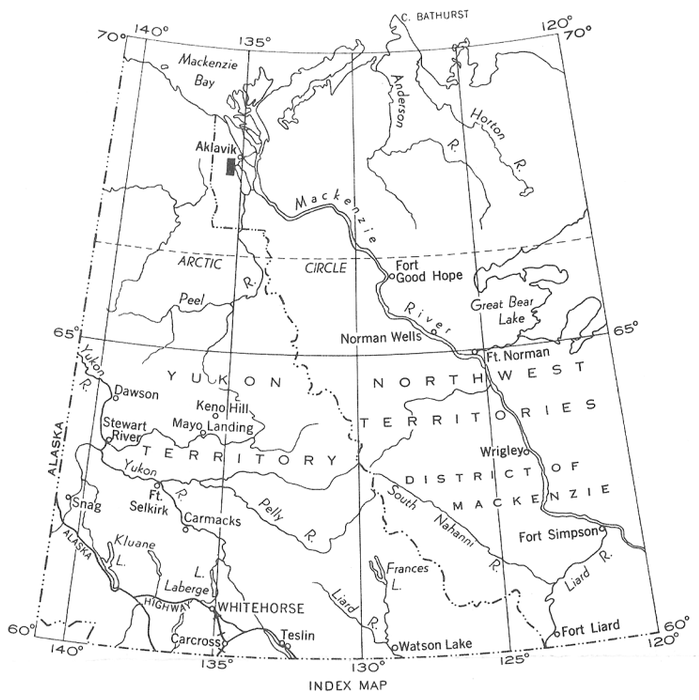
Geology by J. A. Jeletzky, 1955

Approximate magnetic declination, 42° 15' East

Geographical names subject to revision

Cartography by the Geological Cartography Unit, 1958

To accompany Paper 58-2, by J. A. Jeletzky



INDEX MAP

CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS

GEOLOGICAL SURVEY OF CANADA

Figure 1

Sketch map showing geology and selected sections of the Aklavik Range, District of Mackenzie, Northwest Territories

Scale: One Inch to One Mile = $\frac{1}{63,360}$

Miles

1 ½ 0 1 2

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