GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

Figure 5

Surficial geology of Slave River and Redstone River map-areas, southwestern District of Mackenzie

Scale 1: 1,013,760

1 inch to 16 miles

Miles 16 0 16 32 Miles

Kilometres 25 0 25 50 Kilometres

LEGEND

AEOLIAN DEPOSITS: *sand*

Individual dune ridges

Short parallel ridges

Long dune ridges with short en echelon cross ridges

Hummocky dune ridges with random orientation

ALLUVIAL DEPOSITS: *sand, silt, minor clay*

Closely spaced braided network of abandoned channels

Broadly spaced, random, abandoned channels

ICE-FRONT DEPOSITS: *till, minor silt and gravel*

End moraine ridge

Hummocky moraine

Minor moraine

GLACIO-FLUVIAL DEPOSITS: *mostly gravel*

Esker complex, esker (continuous, discontinuous)

Pitted outwash

Limit of topography due almost entirely to bedrock control (defined, approximate)

Drumlinoid forms

Striae (direction of ice movement known, unknown)

Abandoned channels

Drift thickness in feet 200

Geology by B. G. Craig, 1957

To accompany G. S. C. Bulletin 122 by B. G. Craig

Geological cartography by the Geological Survey of Canada, 1965. Base-map cartography by the Geological Survey of Canada from maps published by the Surveys and Mapping Branch

Road, all weather

Winter road

Provincial boundary

Intermittent lake or stream

Contour (interval 500 feet) 1000

Height in feet above mean sea-level 1550

Mean magnetic declination, 34° 10′ East, decreasing 5.6′ annually. Readings vary from 28°13′ in the SE. corner to 37°21′ in the NW. corner of the map-area

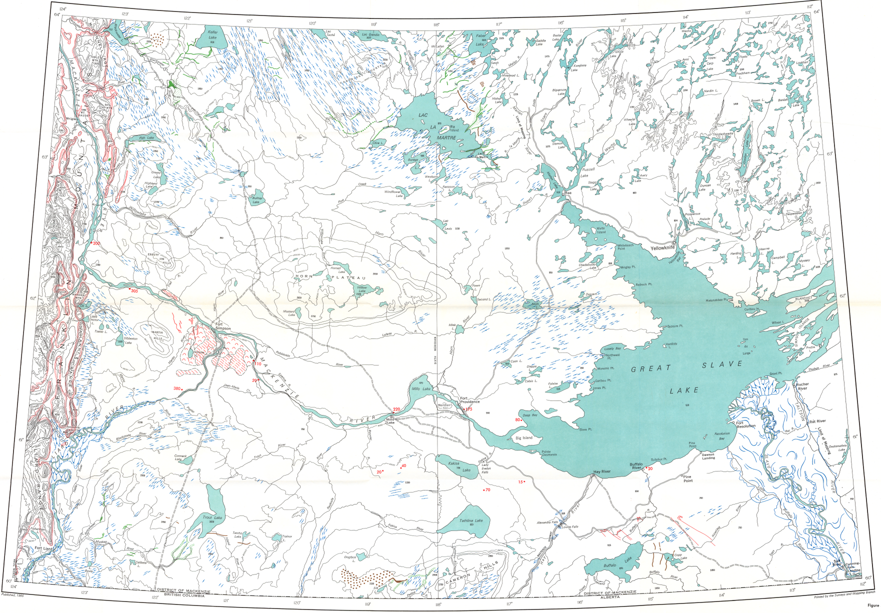
64°
124°
123°
122°
121°
120°
119°
118°
117°
116°
115°
114°
113°
112°
63°
62°
61°
60°
MACKENZIE MOUNTAINS
FRANKLIN RANGE
LIARD RANGE
Keller Lake
Lac Tâché
Lac Grandin
Faber Lake
LAC LA MARTRE
Big Island
Lac la Martre
Clive L.
Bartlett
Weyburn
Fish Lake
Greasy Lake
Highland Lake
Bulmer Lake
Willowlake River
Windflower Lake
Raccoon L.
Rae
Russell Lake
Yellowknife
Whitebeach Point
Wrigley Pt.
Redrock Pt.
Chedabucto Lake
HORN PLATEAU
Horn River
Willow Lake
Mustard Lake
EBBUTT HILLS
Fawn L.
Second L.
Birch L.
Mink L.
MARTIN HILLS
Sibbeston Lake
Little Doctor L.
Trout L.
Fort Simpson
MACKENZIE RIVER
Rabbitskin River
Jean-Marie Cr.
Mills Lake
Mills Lake
Fort Providence
SIXTH MERIDIAN
GREAT SLAVE LAKE
Lonely Bay
Moraine Pt.
Caribou Pt.
Jones Pt.
Gypsum Pt.
Matonabbee Pt.
Caribou Is.
Wilson I.
Deep Bay
Big Island
Slave Pt.
Pointe Desmarais
Sulphur Pt.
Pine Point
Buffalo River
Hay River
Fort Resolution
Resolution Bay
Dawson Landing
Rocher River
Rat River
TALTSON RIVER
SLAVE RIVER
Kakisa L.
Lady Evelyn Falls
Tathlina Lake
Alexandra Falls
Louise Falls
Trout Lake
Tetcho Lake
Trainor L.
Dogface L.
CAMERON HILLS
Buffalo Lake
Copp Lake
Fort Liard
LIARD RIVER
Blackstone River
Muskeg River
Kakisa River
Petitot River
Fort Smith
Cunningham Landing
YUKON TERR.
DISTRICT OF MACKENZIE
BRITISH COLUMBIA
ALBERTA
200
305
380
110
20
220
175
80
40
20
70
15
20

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Figure 5

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