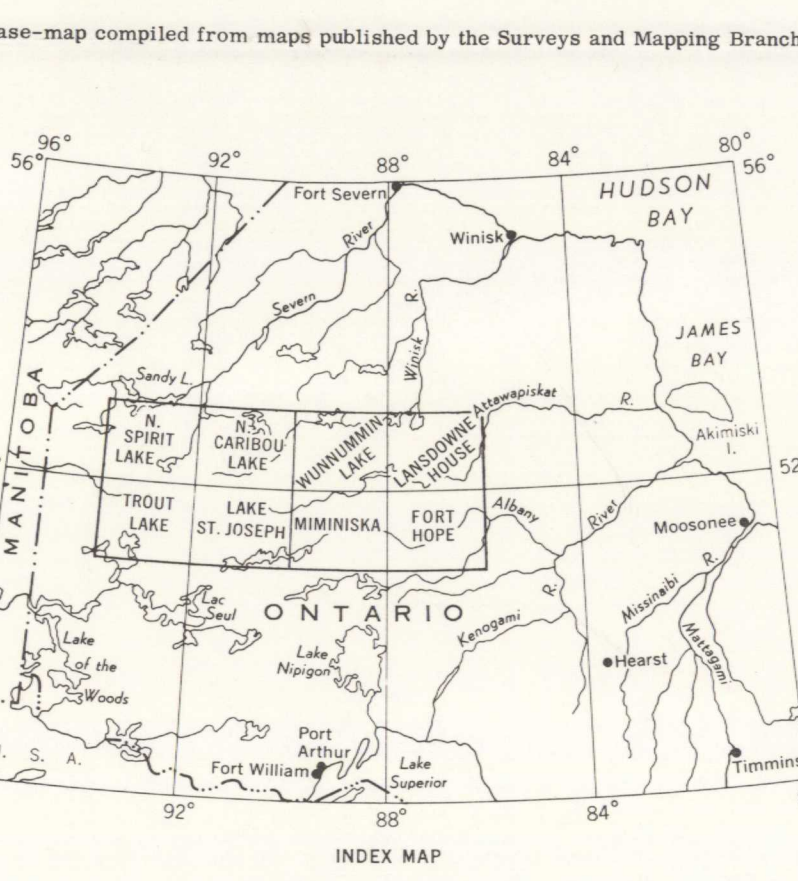


- QUATERNARY**
- 4 Esker, esker-complex, kame, outwash delta, (in large part lake-modified and may include some re-worked moraine) silt, sand, gravel, boulders; 4s, silt-sand ridges, 20 to 120 ft. high, representing esker, kame, and delta deposits; 4b, sand and gravel delta deposits
 - 3 Lake-modified moraine (and moraine, minor interlobate moraine); sand, gravel, boulders
 - 2 End moraine, interlobate moraine (with some included esker, kame, outwash and kettled outwash); silt to sandy till, sand, gravel, boulders (in part lies below the level of maximum glacial lake development, but was protected by the ice until the lake level lowered; in part has been subjected to limited lake action but not to the extent of the lake-modified moraine unit)
 - 1 Ground moraine, minor hummocky and ribbed moraine; silt to sandy till; ls, clayey till (eastern side of map-area only)

- LEGEND**
- Dune areas; symbol approximates orientation of individual dunes
 - Assumed boundary of areas unaffected by extensive glacial lake action
 - Probable marine limit
 - Possible marine strandline
 - Raised beach
 - Spillway channels (formed mainly subsequent to lowering of glacial lake levels)
 - Crag and tail hill
 - Drumlin, drumlinoid ridge (straight, curved)
 - Glacial fluting, furrowing, and linear drift areas formed parallel to ice movement (straight, curved)
 - Glacial striae (sense of direction assumed in most cases); direction unknown
 - Small moraine and nondescript drift ridges formed mainly transverse to ice movement (includes end, minor moraine, wash-board moraine, and some ribbed moraine)
 - Western limit of area affected by the last (southward) ice movement

- Geology by V. K. Prest, 1960-61
- Cartography by the Geological Survey of Canada, 1963
- Roads
 - Surveyed line
 - Post Office
 - Trading Post
 - Wireless Station
 - Marsh
 - Falls and Rapids
 - Height in feet above mean sea-level



G
 3401
 .C5
 1956
 G4
 omrsc

5-1963
 C2

MAP 5-1963
 TO ACCOMPANY PAPER 63-6
SURFICIAL GEOLOGY
RED LAKE-LANSDOWNE HOUSE AREA
 ONTARIO

Scale: One Inch to Eight Miles = $\frac{1}{506,880}$
 Miles

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MAP 5-1963
 ONTARIO
 RED LAKE-LANSDOWNE HOUSE AREA
 PARTS OF 42, 43, 52, 53
 DEPARTMENT OF MINES & TECHNICAL SURVEYS
 GEOGRAPHICAL BRANCH
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