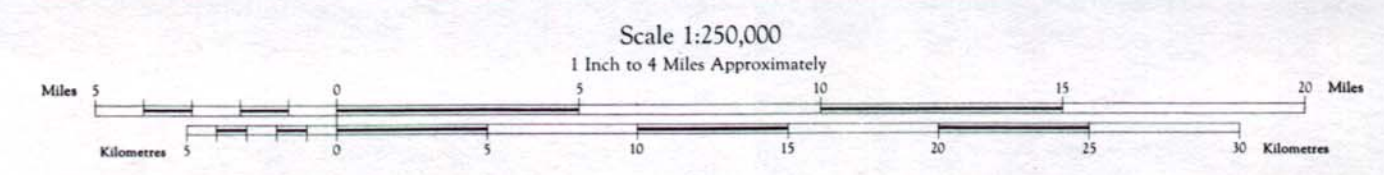




Base maps provided by the Survey and Mapping Branch, Department of Energy, Mines and Resources, Ottawa.

Published 1969

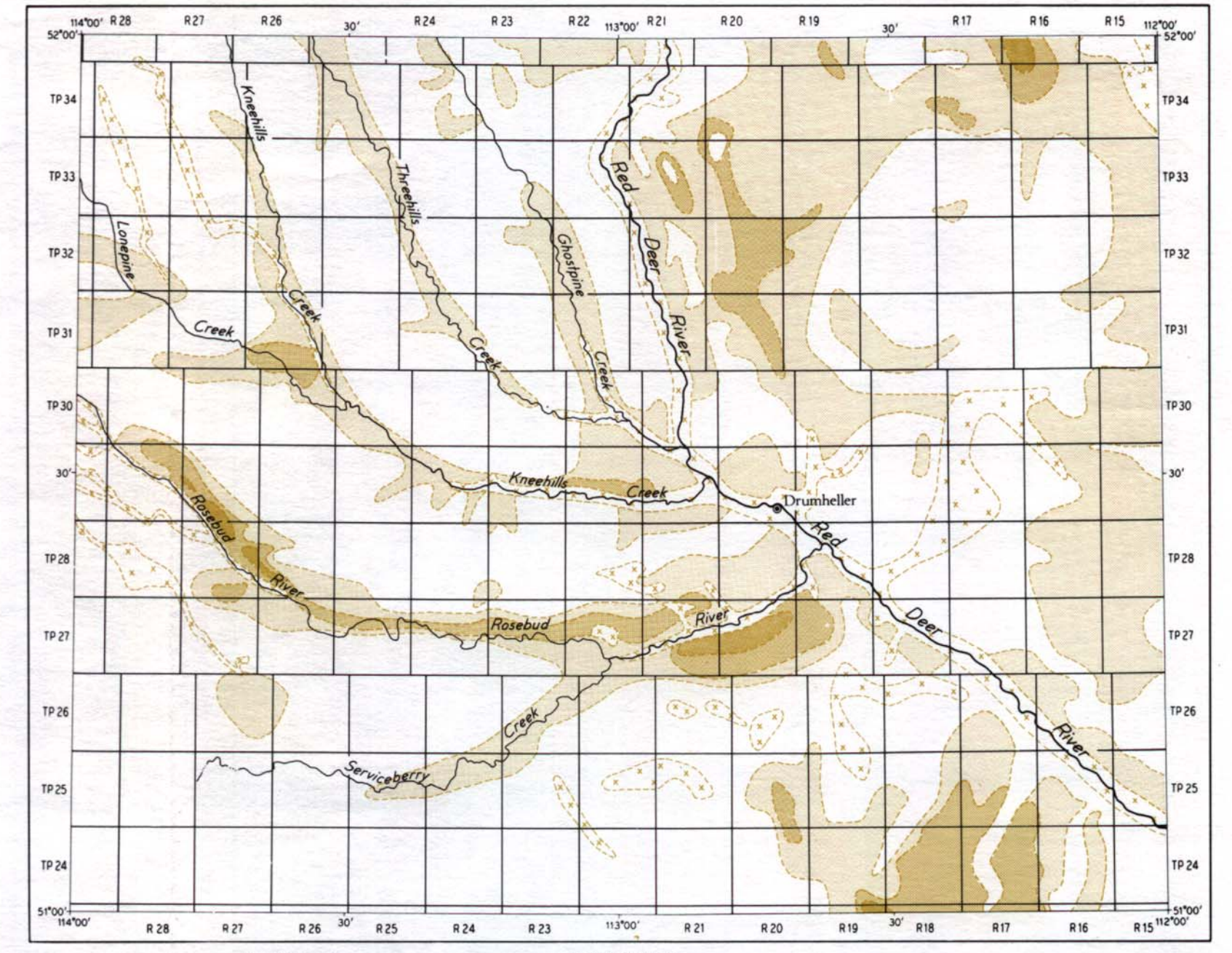


BEDROCK TOPOGRAPHY OF THE DRUMHELLER MAP-AREA, NTS 82P, ALBERTA

WEST OF FOURTH MERIDIAN

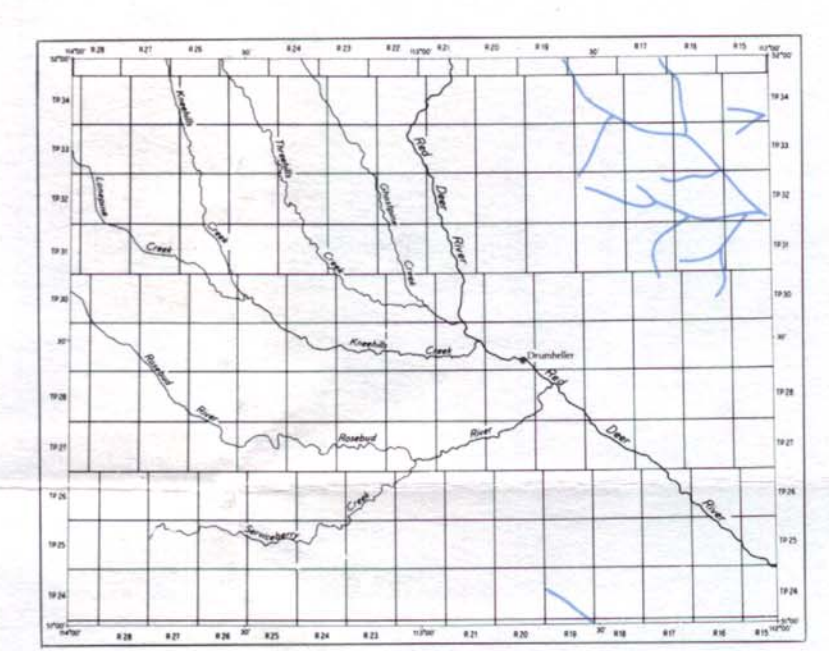
- LEGEND**
- Highway
 - Road
 - Trail
 - Railway
 - Section line
 - Township line

- LEGEND**
- Bedrock contours:
 - definite
 - approximate
 - Surface contours:
 - elevation
 - depression
 - All elevations above mean sea level
 - Contour interval 100 feet

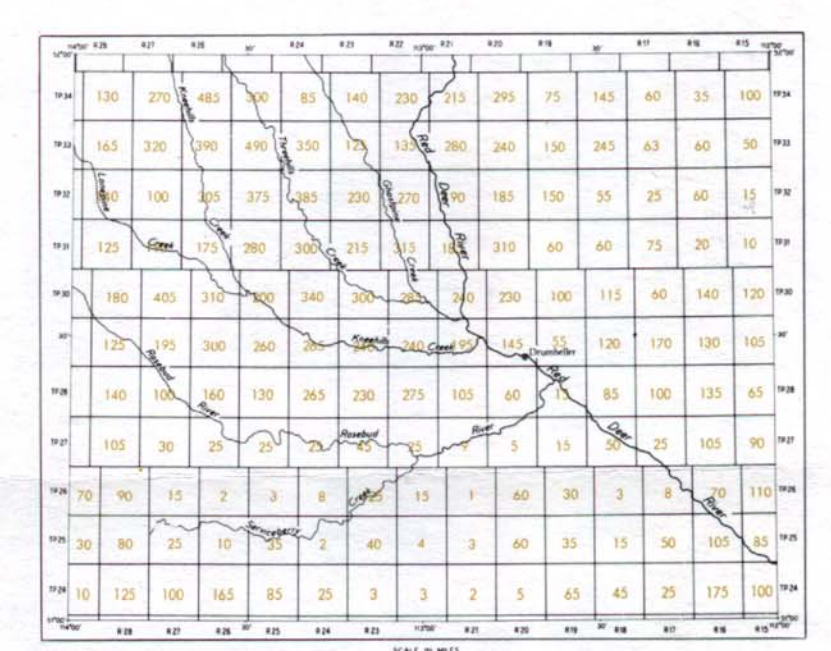


- LEGEND**
- Thickness of drift in feet:
- less than 50
 - 50 to 100
 - 101 to 150
 - more than 150
- exposed bedrock

DRIFT THICKNESS



THALWEGS
For bedrock valleys interpreted to be preglacial



DATA DENSITY
Number of logs used in each township and range



RESEARCH COUNCIL OF ALBERTA
Bedrock topography by V. A. Carlson, 1969.

Acknowledgments

Shot hole logs were the primary source of data used in compiling the bedrock topography and drift thickness maps. The companies listed below supplied these data and it is a pleasure to acknowledge their cooperation: Amerada Petroleum Corp.; Atlantic Richfield Company; British American Oil Company Ltd.; Canadian Pacific Oil and Gas Ltd.; Chevron Standard Limited; Great Plains Development Company of Canada Ltd.; Home Oil Company Ltd.; Hudson's Bay Oil and Gas Company Ltd.; Husky Oil Canada Ltd.; Imperial Oil Enterprises Ltd.; Mobil Oil Canada Ltd.; Pan American Petroleum Corp.; Shell Canada Ltd.; Texaco Exploration Company; Triad Oil Co. Ltd.; Union Oil Company of Canada Ltd.

Logs submitted by water-well drilling contractors also proved useful in the map compilation. Test drilling was carried out in areas where information was not available; costs were shared equally between the provincial and federal governments under the terms of the federal Agricultural and Rural Development Act (ARDA). This financial support is gratefully acknowledged.

