

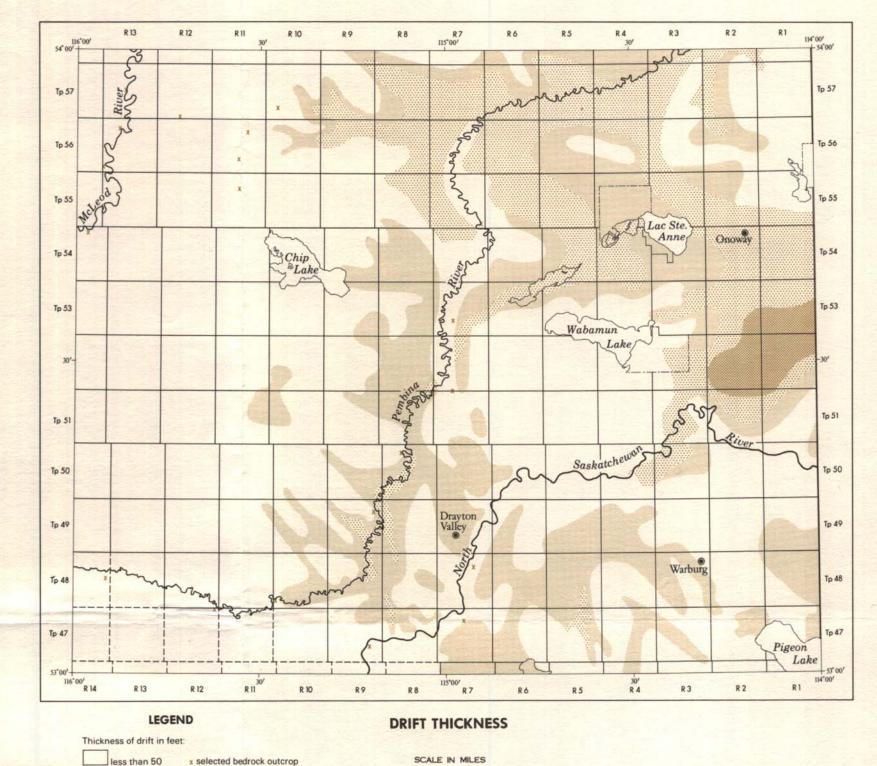
Stalker, A. M. (1961): Buried valleys in central and southern Alberta; Geol. Surv. Canada Paper 60-32, 13 pages.

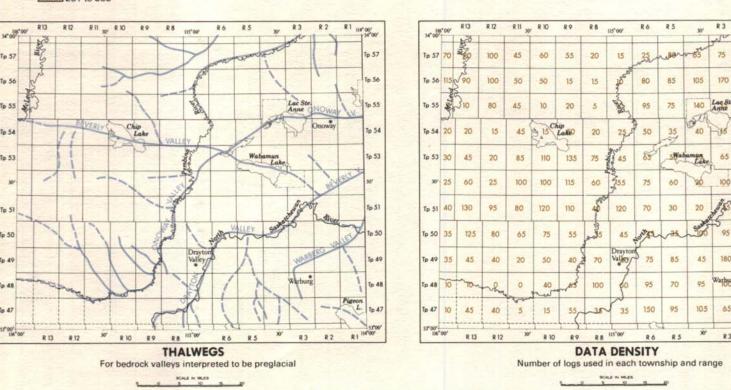
BEDROCK TOPOGRAPHY
OF THE WABAMUN LAKE MAP-AREA,
NTS 83G, ALBERTA
WEST OF FIFTH MERIDIAN

Scale 1:250,000 1 Inch to 4 Miles Approximately

Township line .....

Reported gravel and/or sand resting on bedrock .. approximate ... Surface contours elevation .....





RESEARCH COUNCIL OF ALBERTA

Bedrock topography by V. A. Carlson, 1970

Logs from seismic shotholes provided most of the information used in compiling the bed-rock topography map and the side maps. This information was supplemented by logs from water-well drilling contractors. Also, a number of logs from water wells drilled for oil-well injection supplies were available in the southern part of the map area. Included in the data used in map construction were bedrock outcrop locations supplied by Geology Division staff.

Those bedrock outcrops shown on the drift thickness map were selected to show the general

Previous Work

The general pattern of major preglacial drainage in the southern part of the province has been outlined by Stalker (1961) and Farvolden (1963). A bedrock topography map was constructed for a hydrogeological report on the Pembina area by Farvolden (1961).

The shothole logs used in compiling this map were supplied by the companies listed below and it is a pleasure to acknowledge their cooperation: Amerada Division, Amerada-Hess Corporation; Canadian Superior Oil Ltd.; Chevron Standard Limited; Imperial Oil Enterprises Ltd.; Amoco Canada Petroleum Co. Ltd.; and Tenneco Oil and Minerals Ltd. Bedrock outcrop information was supplied by G. B. Mellon and J. W. Kramers.

Farvolden, R. N. (1961): Groundwater resources of the Pembina area, Alberta; Res. Coun. Alberta Prelim. Rept. 61-4. groundwater hydrology of Alberta; Res. Coun. Alberta Bull. 12, p. 63-75.

