

GEOLOGICAL SURVEY OF CANADA  
DEPARTMENT OF ENERGY, MINES AND RESOURCES

# LEGEND

- Extent of future reservoir
- Piezometric contours, in feet above sea-level, showing approximate distribution for Upper Cretaceous aquifers (largely based on 1935 data, GSC Water Supply papers)
- Boundary of area of flowing wells
- Quality contours, total dissolved solids, in parts per million
- Elevation of top of the Ardkeneth member or its equivalent, in feet above sea-level

Geology by R. O. van Everdingen, 1965

To accompany GSC Paper 65-39 by R. O. van Everdingen

Geological cartography by the Geological Survey of Canada, 1967

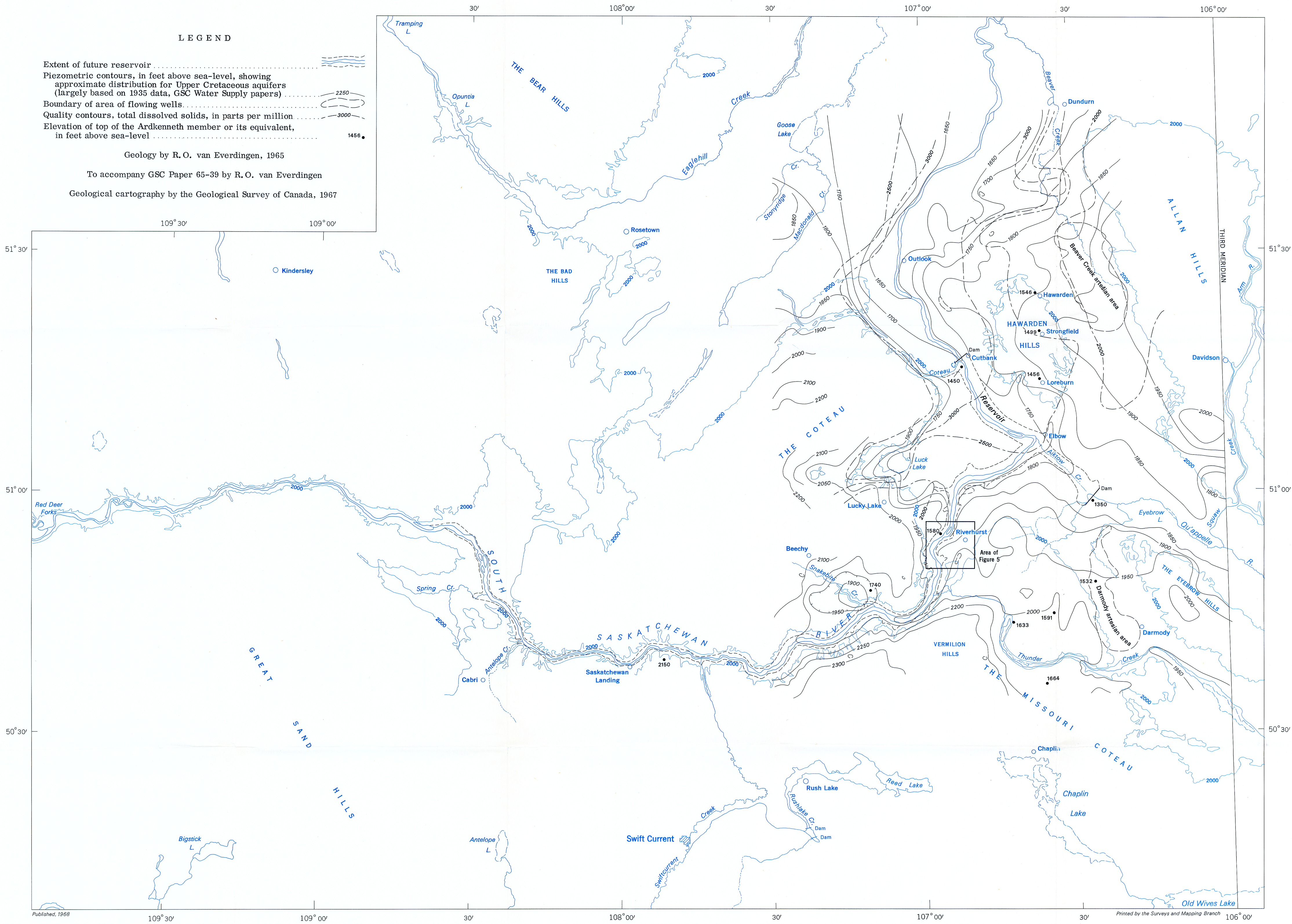
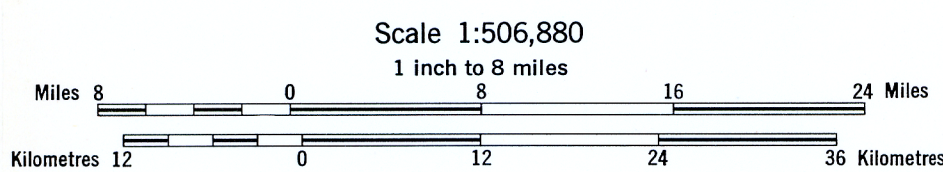


Figure 1  
Piezometric distribution of Upper Cretaceous aquifers, eastern part of South Saskatchewan Reservoir area, Saskatchewan



Mean magnetic declination, 1967, 18° 44' East, decreasing 2.8' annually. Readings vary from 16° 55' in the SE corner to 20° 04' in the NW corner of the map-area

Intermittent lake and stream  
Two thousand foot contour (elevation above sea-level)  
Base-map cartography by the Geological Survey of Canada, 1967, from maps published at 1/500,000 scale by the Surveys and Mapping Branch, 1964

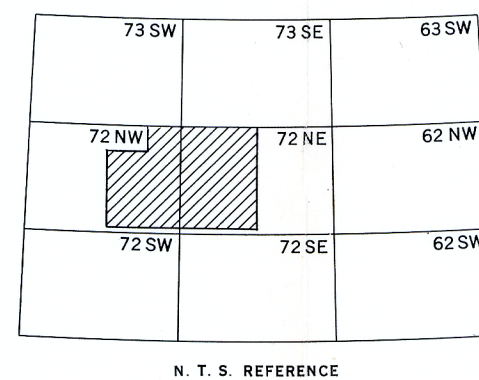


Figure 1