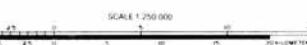


TOTAL COUNT
MAP 357666
DEEP ROSE LAKE
DISTRICT OF KEEWATIN
NORTHWEST TERRITORIES



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GEOLOGICAL SURVEY OF CANADA, OTTAWA

Information for this map was compiled from the 1976 Airborne Gamma-Ray Spectrometry Survey, 1976, flown and completed by the Department of Energy, Mines and Resources, Geological Survey of Canada, and the Northwest Territories, Geological Survey of Canada, and the Northwest Territories, Geological Survey of Canada.

For a complete list of the names of the lakes and rivers shown on this map, see the list of names published by the Department of Energy, Mines and Resources, Ottawa.

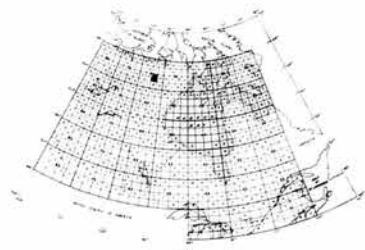
This map was compiled from the 1976 Airborne Gamma-Ray Spectrometry Survey, 1976, flown and completed by the Department of Energy, Mines and Resources, Geological Survey of Canada, and the Northwest Territories, Geological Survey of Canada, and the Northwest Territories, Geological Survey of Canada.

The data were collected using 40 data points along the flight line, with a 100' by 100' grid. The data were processed using a computer program to produce the contour lines shown on this map.

The contour lines represent gamma-ray counts, with values ranging from 100 to 250. The data points are marked with numbers and letters.

The map is a grid of 100' by 100' sections. Contour lines represent gamma-ray counts, with values ranging from 100 to 250. Data points are marked with numbers and letters.

The map is titled 'TOTAL COUNT MAP 357666' and 'DEEP ROSE LAKE DISTRICT OF KEEWATIN NORTHWEST TERRITORIES'.



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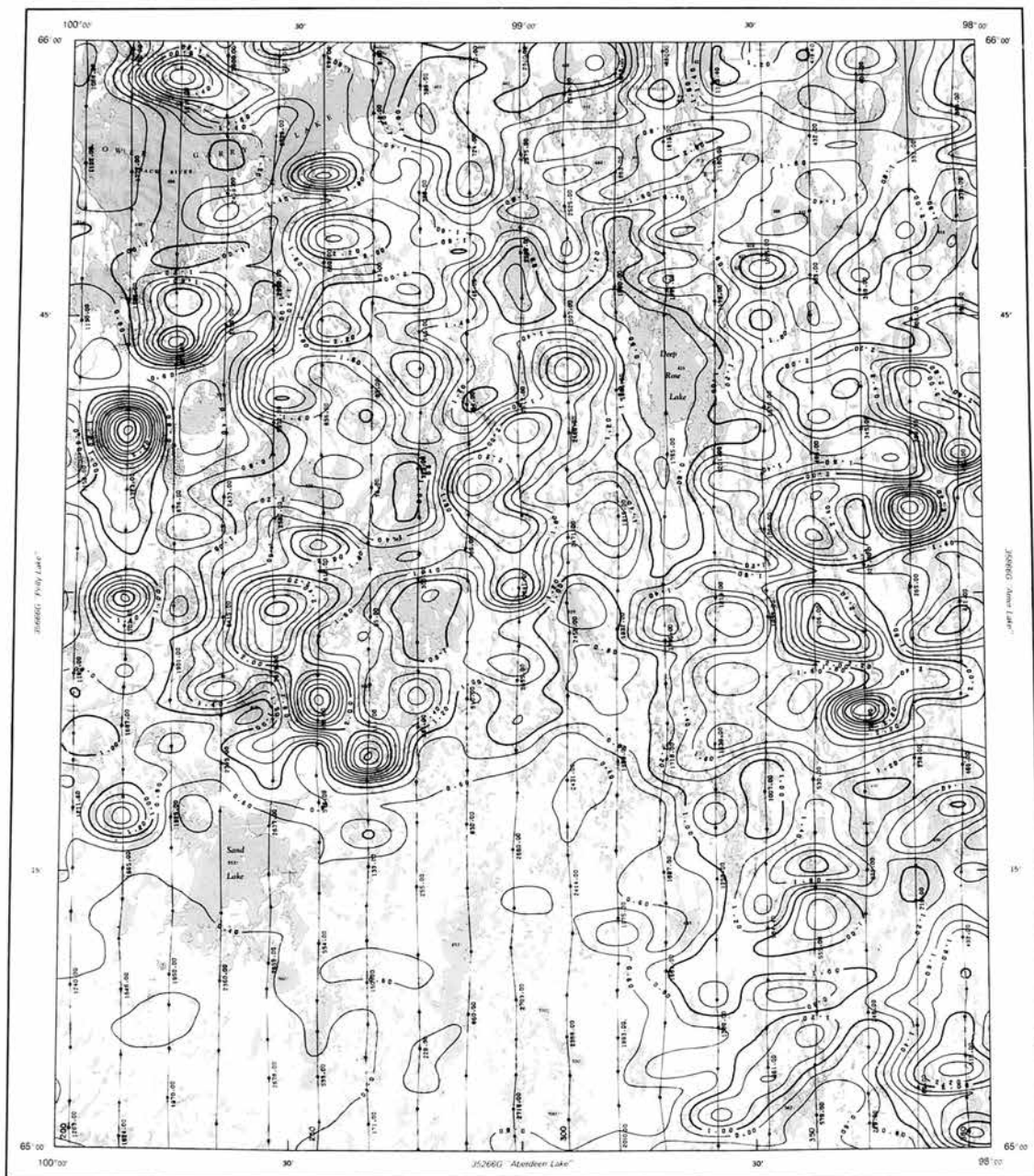
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GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

GEOPHYSICAL SERIES (AIRBORNE GAMMA-RAY SPECTROMETRIC)

POTASSIUM (K) 66G



Published 1979

POTASSIUM (K)
MAP 35266G
DEEP ROSE LAKE
DISTRICT OF KEENWATIN
NORTHWEST TERRITORIES

SCALE 1:250 000

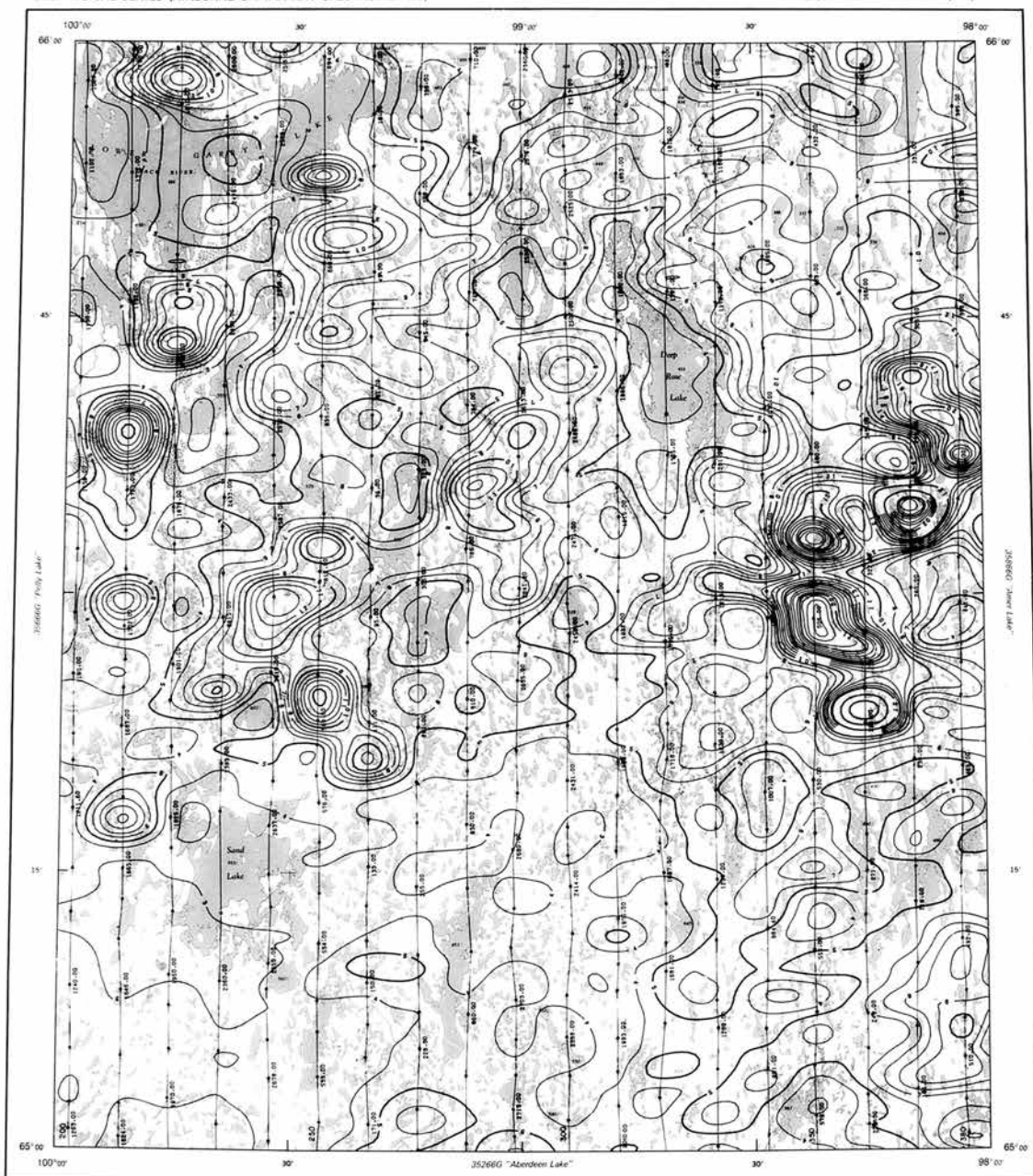


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This map is a reproduction of the original map published by the Geological Survey of Canada in 1979. It is a map of the Deep Rose Lake area in the District of Keewatin, Northwest Territories. The map shows the results of an airborne gamma-ray spectrometric survey for potassium (K). The map is oriented with North at the top. The map is labeled with '35266G - Atlin Lake' at the bottom center. The map is framed by a double line border with latitude and longitude coordinates.

The map is a reproduction of the original map published by the Geological Survey of Canada in 1979. It is a map of the Deep Rose Lake area in the District of Keewatin, Northwest Territories. The map shows the results of an airborne gamma-ray spectrometric survey for potassium (K). The map is oriented with North at the top. The map is labeled with '35266G - Atlin Lake' at the bottom center. The map is framed by a double line border with latitude and longitude coordinates.

POTASSIUM (K)
DEEP ROSE LAKE
MAP 35266G
NORTHWEST TERRITORIES
66G



Published 1979

EQUIVALENT THORIUM (eTh)
MAP 35766G
DEEP ROSE LAKE
DISTRICT OF KEEWATIN
NORTHWEST TERRITORIES

Diagram Recumbence Program Airborne Gamma Ray Spectrometer Survey 1978. Run and compiled by the Department of Energy, Mines and Resources, Geological Survey of Canada, Ottawa.

The topography for this series of maps was derived from 1:250,000 topographic maps published by the Department of Energy, Mines and Resources, Ottawa.

This map was compiled from airborne gamma ray spectrometer data recorded digitally along the flight lines shown. The spectrometer, with 50 channels of sodium iodide (NaI) crystals, recorded gamma and x-ray counts per minute. The following energy ranges were used:

Channel 1 242 - 243 MeV
Channel 2 243 - 244 MeV
Channel 3 244 - 245 MeV
Channel 4 245 - 246 MeV

Channels 1 and 2 are based on the 242 MeV 114 keV peak from ²³²Th. The data were corrected for dead time, atmospheric absorption, and for the effect of the terrain on the count rate. The data were then converted to equivalent thorium (eTh) using a conversion factor of 1.0 eTh = 1.0 MeV.

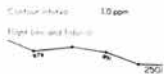
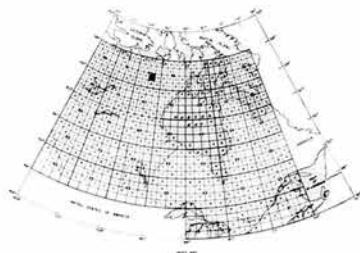
The data were corrected for dead time, atmospheric absorption, and for the effect of the terrain on the count rate. The data were then converted to equivalent thorium (eTh) using a conversion factor of 1.0 eTh = 1.0 MeV.

Channel 1 242 - 243 MeV
Channel 2 243 - 244 MeV
Channel 3 244 - 245 MeV
Channel 4 245 - 246 MeV

Data were collected using 40 data points along the flight lines. The data were then converted to equivalent thorium (eTh) using a conversion factor of 1.0 eTh = 1.0 MeV.

The contour values are subject to measurement uncertainties averaged over areas of approximately 100,000 square metres. These areas generally include some water, some barren land, and some other types of land. Consequently the concentrations indicated by the contours are approximate values for the conversion factor.

EQUIVALENT THORIUM (eTh)
DEEP ROSE LAKE
MAP 35766G
NORTHWEST TERRITORIES
66G



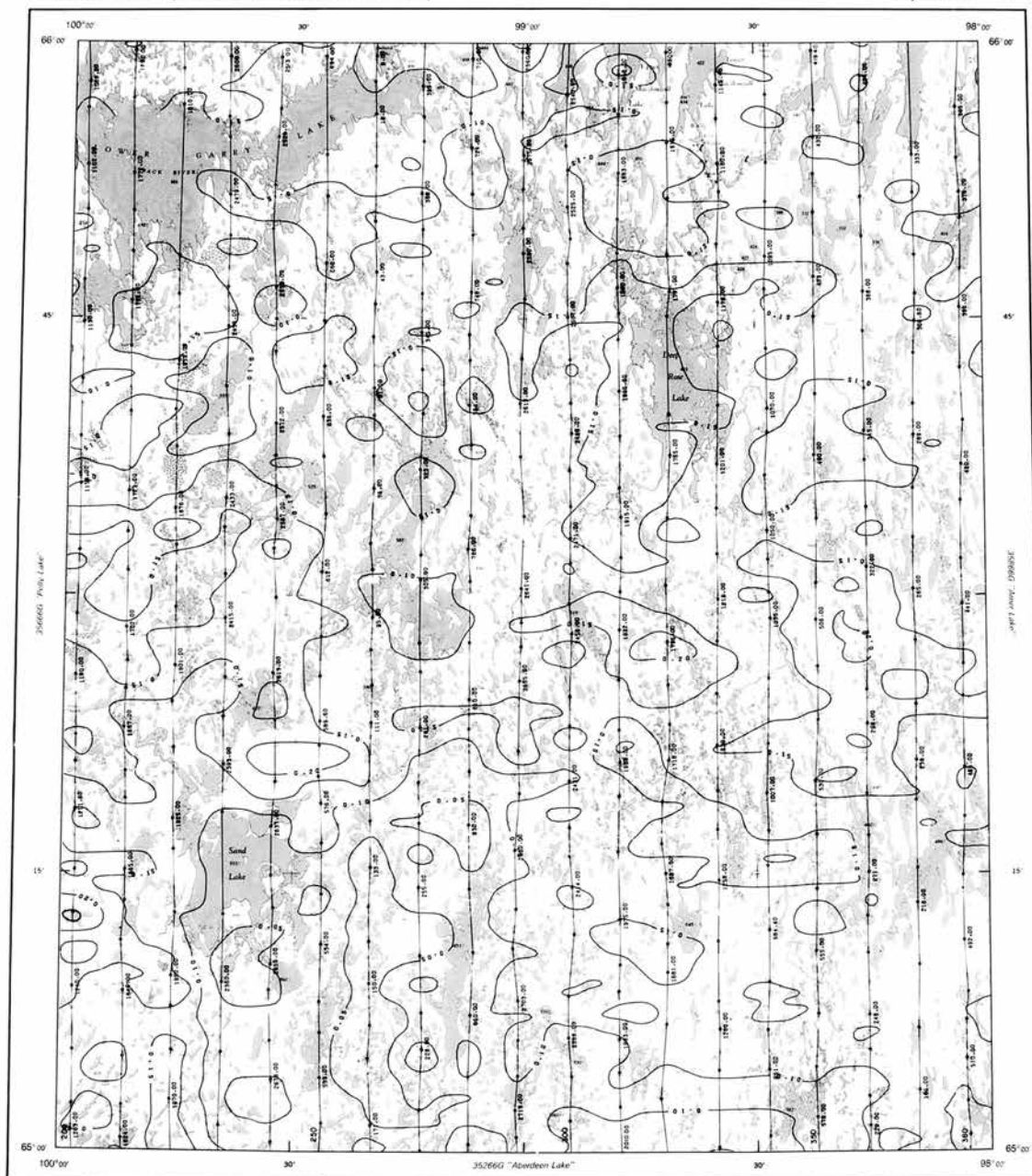
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GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

GEOPHYSICAL SERIES (AIRBORNE GAMMA-RAY SPECTROMETRIC)

eu/eth RATIO 66G



eu/eth RATIO
MAP 35766G

DEEP ROSE LAKE

DISTRICT OF KEWATIN
NORTHWEST TERRITORIES

SCALE 1:250 000

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GEOLOGICAL SURVEY OF CANADA, OTTAWA

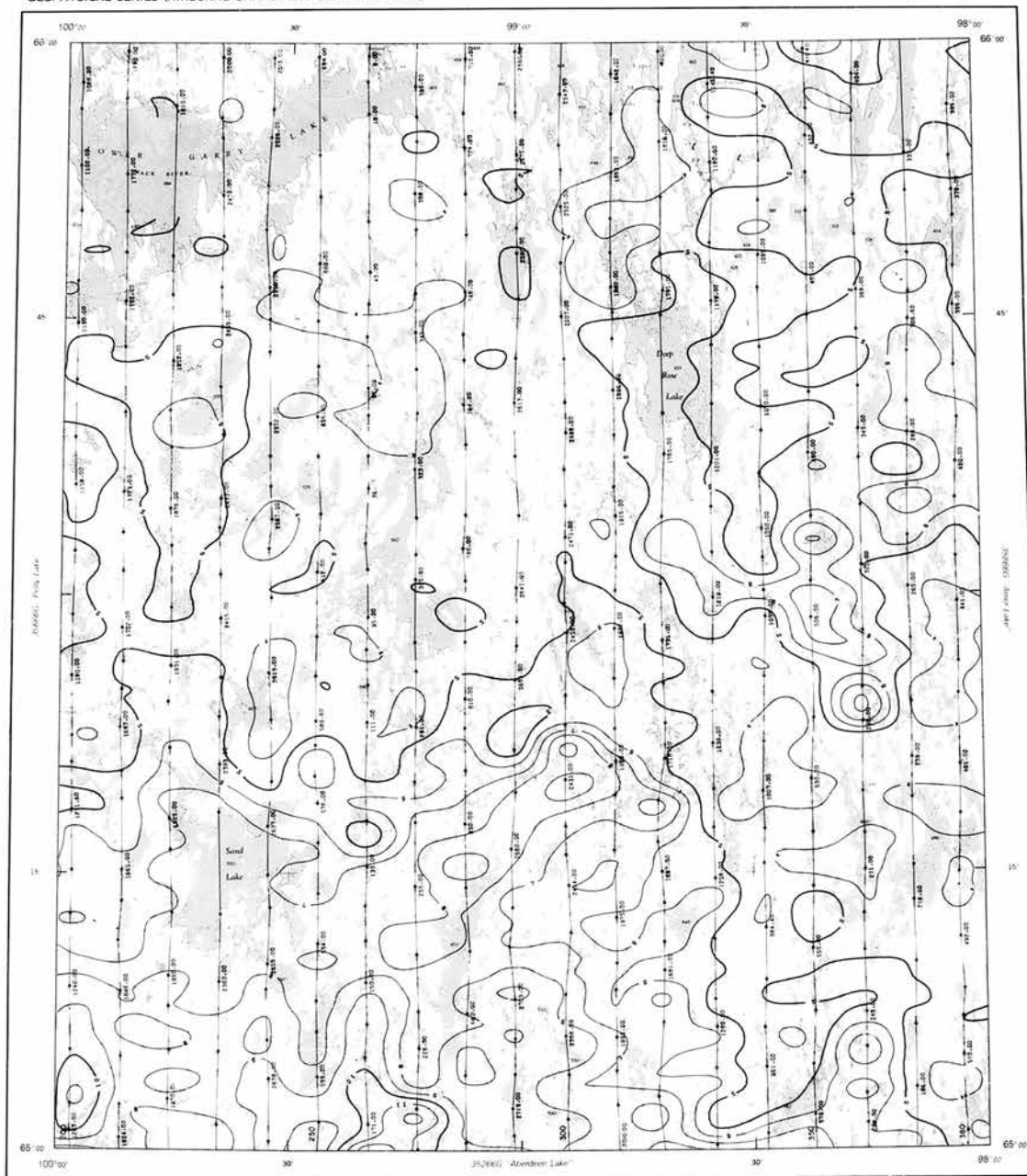
Information concerning this map is available from the
Geological Survey of Canada, 1250, 125th Avenue, NW, Calgary, Alberta, T2C 1A8.
The map is a compilation of data from the following sources:
1. Data from the 1970s and 1980s.
2. Data from the 1990s.
3. Data from the 2000s.
4. Data from the 2010s.
5. Data from the 2020s.
6. Data from the 2030s.
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GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY MINES AND RESOURCES

GEOPHYSICAL SERIES (AIRBORNE GAMMA-RAY SPECTROMETRIC)

Th/K RATIO 666



Published 1979

Th/K RATIO
MAP 35766G

DEEP ROSE LAKE

DISTRICT OF KILWATIN
NORTHWEST TERRITORIES

Scale 1:50,000

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Th/K RATIO
DEEP ROSE LAKE
MAP 35766G
NORTHWEST TERRITORIES
666