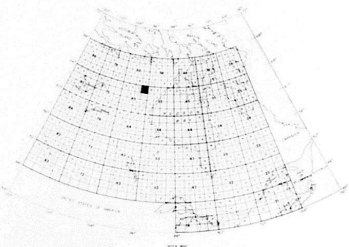


Page 197




EQUIVALENT THORIUM (eTh)  
MAP 36665G  
**THIRTY MILE LAKE**  
DISTRICT OF KEEWATIN  
NORTHWEST TERRITORIES

Contour interval 1.0 ppm

Flight Line and Fiducial

Flight Line and Fiducial	Value
979	979
980	980
981	981
982	982

SCALE 1:250 000



5 MILES 0 2.5 5

0 5 10 15 20 KILOMETERS

COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR GENERAL  
GEOLOGICAL SURVEY OF CANADA, OTTAWA.

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

Thermal Ar is compared from an online gas/liquid spectrometer data recorded over the night using the following: the spectrometer, Ar line of 369.6 nm of pulsed source; 700 mPa; 1.5 MPa; 1.8 MPa; 2.2 MPa; 2.6 MPa; 3.0 MPa; 3.4 MPa; 3.8 MPa; 4.2 MPa; 4.6 MPa; 5.0 MPa; 5.4 MPa; 5.8 MPa; 6.2 MPa; 6.6 MPa; 7.0 MPa; 7.4 MPa; 7.8 MPa; 8.2 MPa; 8.6 MPa; 9.0 MPa; 9.4 MPa; 9.8 MPa; 10.2 MPa; 10.6 MPa; 11.0 MPa; 11.4 MPa; 11.8 MPa; 12.2 MPa; 12.6 MPa; 13.0 MPa; 13.4 MPa; 13.8 MPa; 14.2 MPa; 14.6 MPa; 15.0 MPa; 15.4 MPa; 15.8 MPa; 16.2 MPa; 16.6 MPa; 17.0 MPa; 17.4 MPa; 17.8 MPa; 18.2 MPa; 18.6 MPa; 19.0 MPa; 19.4 MPa; 19.8 MPa; 20.2 MPa; 20.6 MPa; 21.0 MPa; 21.4 MPa; 21.8 MPa; 22.2 MPa; 22.6 MPa; 23.0 MPa; 23.4 MPa; 23.8 MPa; 24.2 MPa; 24.6 MPa; 25.0 MPa; 25.4 MPa; 25.8 MPa; 26.2 MPa; 26.6 MPa; 27.0 MPa; 27.4 MPa; 27.8 MPa; 28.2 MPa; 28.6 MPa; 29.0 MPa; 29.4 MPa; 29.8 MPa; 30.2 MPa; 30.6 MPa; 31.0 MPa; 31.4 MPa; 31.8 MPa; 32.2 MPa; 32.6 MPa; 33.0 MPa; 33.4 MPa; 33.8 MPa; 34.2 MPa; 34.6 MPa; 35.0 MPa; 35.4 MPa; 35.8 MPa; 36.2 MPa; 36.6 MPa; 37.0 MPa; 37.4 MPa; 37.8 MPa; 38.2 MPa; 38.6 MPa; 39.0 MPa; 39.4 MPa; 39.8 MPa; 40.2 MPa; 40.6 MPa; 41.0 MPa; 41.4 MPa; 41.8 MPa; 42.2 MPa; 42.6 MPa; 43.0 MPa; 43.4 MPa; 43.8 MPa; 44.2 MPa; 44.6 MPa; 45.0 MPa; 45.4 MPa; 45.8 MPa; 46.2 MPa; 46.6 MPa; 47.0 MPa; 47.4 MPa; 47.8 MPa; 48.2 MPa; 48.6 MPa; 49.0 MPa; 49.4 MPa; 49.8 MPa; 50.2 MPa; 50.6 MPa; 51.0 MPa; 51.4 MPa; 51.8 MPa; 52.2 MPa; 52.6 MPa; 53.0 MPa; 53.4 MPa; 53.8 MPa; 54.2 MPa; 54.6 MPa; 55.0 MPa; 55.4 MPa; 55.8 MPa; 56.2 MPa; 56.6 MPa; 57.0 MPa; 57.4 MPa; 57.8 MPa; 58.2 MPa; 58.6 MPa; 59.0 MPa; 59.4 MPa; 59.8 MPa; 60.2 MPa; 60.6 MPa; 61.0 MPa; 61.4 MPa; 61.8 MPa; 62.2 MPa; 62.6 MPa; 63.0 MPa; 63.4 MPa; 63.8 MPa; 64.2 MPa; 64.6 MPa; 65.0 MPa; 65.4 MPa; 65.8 MPa; 66.2 MPa; 66.6 MPa; 67.0 MPa; 67.4 MPa; 67.8 MPa; 68.2 MPa; 68.6 MPa; 69.0 MPa; 69.4 MPa; 69.8 MPa; 70.2 MPa; 70.6 MPa; 71.0 MPa; 71.4 MPa; 71.8 MPa; 72.2 MPa; 72.6 MPa; 73.0 MPa; 73.4 MPa; 73.8 MPa; 74.2 MPa; 74.6 MPa; 75.0 MPa; 75.4 MPa; 75.8 MPa; 76.2 MPa; 76.6 MPa; 77.0 MPa; 77.4 MPa; 77.8 MPa; 78.2 MPa; 78.6 MPa; 79.0 MPa; 79.4 MPa; 79.8 MPa; 80.2 MPa; 80.6 MPa; 81.0 MPa; 81.4 MPa; 81.8 MPa; 82.2 MPa; 82.6 MPa; 83.0 MPa; 83.4 MPa; 83.8 MPa; 84.2 MPa; 84.6 MPa; 85.0 MPa; 85.4 MPa; 85.8 MPa; 86.2 MPa; 86.6 MPa; 87.0 MPa; 87.4 MPa; 87.8 MPa; 88.2 MPa; 88.6 MPa; 89.0 MPa; 89.4 MPa; 89.8 MPa; 90.2 MPa; 90.6 MPa; 91.0 MPa; 91.4 MPa; 91.8 MPa; 92.2 MPa; 92.6 MPa; 93.0 MPa; 93.4 MPa; 93.8 MPa; 94.2 MPa; 94.6 MPa; 95.0 MPa; 95.4 MPa; 95.8 MPa; 96.2 MPa; 96.6 MPa; 97.0 MPa; 97.4 MPa; 97.8 MPa; 98.2 MPa; 98.6 MPa; 99.0 MPa; 99.4 MPa; 99.8 MPa; 100.2 MPa; 100.6 MPa; 101.0 MPa; 101.4 MPa; 101.8 MPa; 102.2 MPa; 102.6 MPa; 103.0 MPa; 103.4 MPa; 103.8 MPa; 104.2 MPa; 104.6 MPa; 105.0 MPa; 105.4 MPa; 105.8 MPa; 106.2 MPa; 106.6 MPa; 107.0 MPa; 107.4 MPa; 107.8 MPa; 108.2 MPa; 108.6 MPa; 109.0 MPa; 109.4 MPa; 109.8 MPa; 110.2 MPa; 110.6 MPa; 111.0 MPa; 111.4 MPa; 111.8 MPa; 112.2 MPa; 112.6 MPa; 113.0 MPa; 113.4 MPa; 113.8 MPa; 114.2 MPa; 114.6 MPa; 115.0 MPa; 115.4 MPa; 115.8 MPa; 116.2 MPa; 116.6 MPa; 117.0 MPa; 117.4 MPa; 117.8 MPa; 118.2 MPa; 118.6 MPa; 119.0 MPa; 119.4 MPa; 119.8 MPa; 120.2 MPa; 120.6 MPa; 121.0 MPa; 121.4 MPa; 121.8 MPa; 122.2 MPa; 122.6 MPa; 123.0 MPa; 123.4 MPa; 123.8 MPa; 124.2 MPa; 124.6 MPa; 125.0 MPa; 125.4 MPa; 125.8 MPa; 126.2 MPa; 126.6 MPa; 127.0 MPa; 127.4 MPa; 127.8 MPa; 128.2 MPa; 128.6 MPa; 129.0 MPa; 129.4 MPa; 129.8 MPa; 130.2 MPa; 130.6 MPa; 131.0 MPa; 131.4 MPa; 131.8 MPa; 132.2 MPa; 132.6 MPa; 133.0 MPa; 133.4 MPa; 133.8 MPa; 134.2 MPa; 134.6 MPa; 135.0 MPa; 135.4 MPa; 135.8 MPa; 136.2 MPa; 136.6 MPa; 137.0 MPa; 137.4 MPa; 137.8 MPa; 138.2 MPa; 138.6 MPa; 139.0 MPa; 139.4 MPa; 139.8 MPa; 140.2 MPa; 140.6 MPa; 141.0 MPa; 141.4 MPa; 141.8 MPa; 142.2 MPa; 142.6 MPa; 143.0 MPa; 143.4 MPa; 143.8 MPa; 144.2 MPa; 144.6 MPa; 145.0 MPa; 145.4 MPa; 145.8 MPa; 146.2 MPa; 146.6 MPa; 147.0 MPa; 147.4 MPa; 147.8 MPa; 148.2 MPa; 148.6 MPa; 149.0 MPa; 149.4 MPa; 149.8 MPa; 150.2 MPa; 150.6 MPa; 151.0 MPa; 151.4 MPa; 151.8 MPa; 152.2 MPa; 152.6 MPa; 153.0 MPa; 153.4 MPa; 153.8 MPa; 154.2 MPa; 154.6 MPa; 155.0 MPa; 155.4 MPa; 155.8 MPa; 156.2 MPa; 156.6 MPa; 157.0 MPa; 157.4 MPa; 157.8 MPa; 158.2 MPa; 158.6 MPa; 159.0 MPa; 159.4 MPa; 159.8 MPa; 160.2 MPa; 160.6 MPa; 161.0 MPa; 161.4 MPa; 161.8 MPa; 162.2 MPa; 162.6 MPa; 163.0 MPa; 163.4 MPa; 163.8 MPa; 164.2 MPa; 164.6 MPa; 165.0 MPa; 165.4 MPa; 165.8 MPa; 166.2 MPa; 166.6 MPa; 167.0 MPa; 167.4 MPa; 167.8 MPa; 168.2 MPa; 168.6 MPa; 169.0 MPa; 169.4 MPa; 169.8 MPa; 170.2 MPa; 170.6 MPa; 171.0 MPa; 171.4 MPa; 171.8 MPa; 172.2 MPa; 172.6 MPa; 173.0 MPa; 173.4 MPa; 173.8 MPa; 174.2 MPa; 174.6 MPa; 175.0 MPa; 175.4 MPa; 175.8 MPa; 176.2 MPa; 176.6 MPa; 177.0 MPa; 177.4 MPa; 177.8 MPa; 178.2 MPa; 178.6 MPa; 179.0 MPa; 179.4 MPa; 179.8 MPa; 180.2 MPa; 180.6 MPa; 181.0 MPa; 181.4 MPa; 181.8 MPa; 182.2 MPa; 182.6 MPa; 183.0 MPa; 183.4 MPa; 183.8 MPa; 184.2 MPa; 184.6 MPa; 185.0 MPa; 185.4 MPa; 185.8 MPa; 186.2 MPa; 186.6 MPa; 187.0 MPa; 187.4 MPa; 187.8 MPa; 188.2 MPa; 188.6 MPa; 189.0 MPa; 189.4 MPa; 189.8 MPa; 190.2 MPa; 190.6 MPa; 191.0 MPa; 191.4 MPa; 191.8 MPa; 192.2 MPa; 192.6 MPa; 193

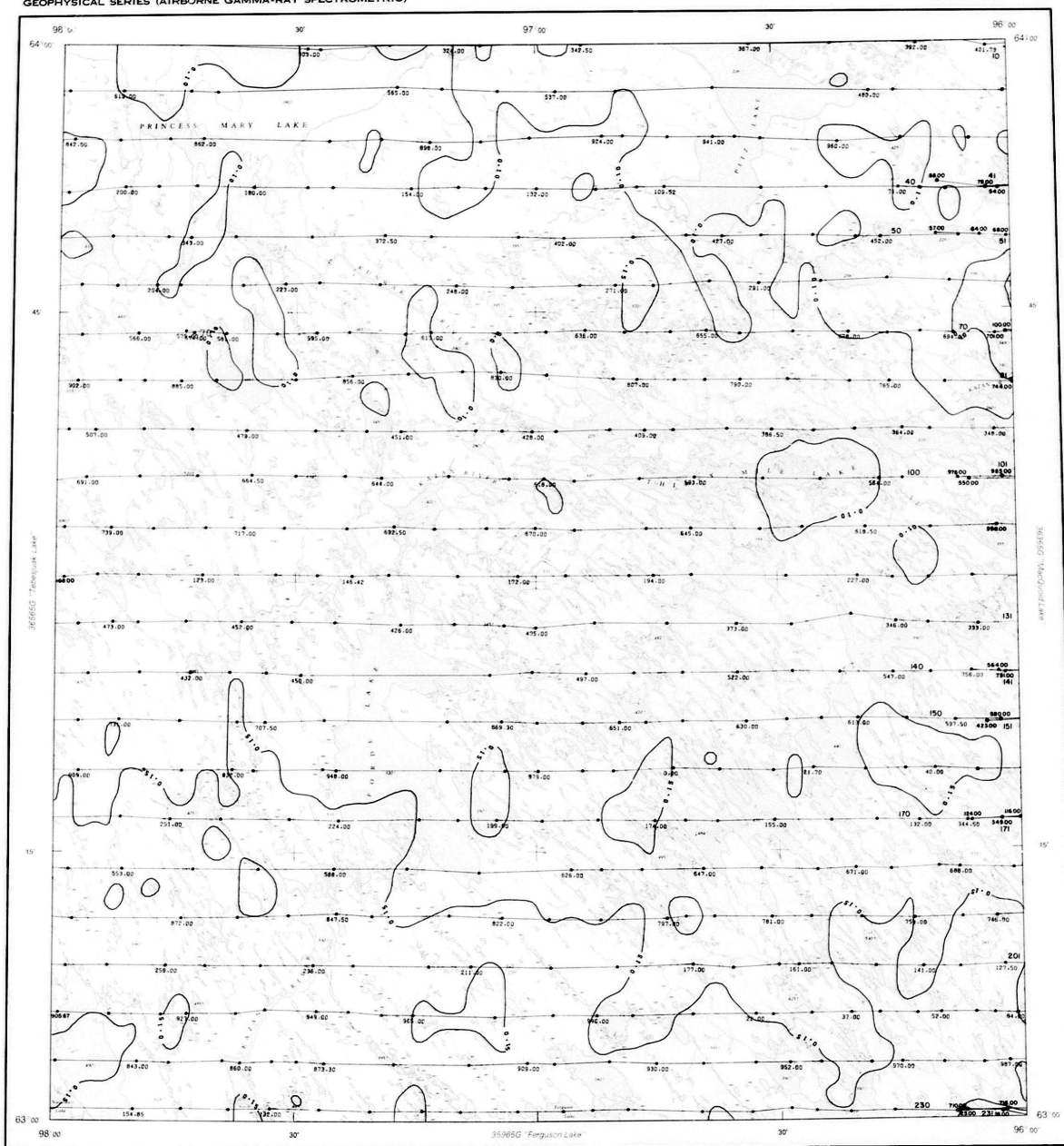
**EQUIVALENT THORIUM (eTh)**  
THIRTY MILE LAKE  
MAP 3666G



GEOLOGICAL SURVEY OF CANADA  
DEPARTMENT OF ENERGY, MINES AND RESOURCES

GEOPHYSICAL SERIES (AIRBORNE GAMMA-RAY SPECTROMETRIC)

eU/eTh RATIO 65P



36665G

Published 1977

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MAP 36665G

### THIRTY MILE LAKE

DISTRICT OF KEEWATIN  
NORTHWEST TERRITORIES

SCALE 1:250 000

COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR GENERAL  
GEOLOGICAL SURVEY OF CANADA, OTTAWA

Long-term Reconnaissance Program Airborne Gamma-Ray Spectrometric Survey, 1976, was completed for the construction of Tera Survey 198, a composite geophysical map of the Keewatin District, Northwest Territories.

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

This map was compiled from airborne gamma-ray spectrometric data recorded along the flight lines shown. The spectrometer was 50 metres of sodium iodide (NaI) crystals, which were calibrated in both channels, with the following energy ranges:  
Channel 1: 242 - 246 MeV  
Channel 2: 146 - 148 MeV  
Channel 3: 136 - 138 MeV  
Channel 4: 126 - 128 MeV

Channels 1 and 2 were combined on the 242 MeV Tera Survey 198. The 136 MeV data were combined on the 136 MeV Tera Survey 198. The 146 MeV data were combined on the 146 MeV Tera Survey 198. The 126 MeV data were combined on the 126 MeV Tera Survey 198.

The data were corrected for dead time, atmospheric absorption, and background. The ground surface was corrected for elevation and topography. The data were then converted to a ratio of eU/eTh. The ratio was then converted to a ratio of eU/eTh. The ratio was then converted to a ratio of eU/eTh.

The data were corrected for dead time, atmospheric absorption, and background. The ground surface was corrected for elevation and topography. The data were then converted to a ratio of eU/eTh. The ratio was then converted to a ratio of eU/eTh. The ratio was then converted to a ratio of eU/eTh.

The data were corrected for dead time, atmospheric absorption, and background. The ground surface was corrected for elevation and topography. The data were then converted to a ratio of eU/eTh. The ratio was then converted to a ratio of eU/eTh. The ratio was then converted to a ratio of eU/eTh.

eU/eTh RATIO  
THIRTY MILE LAKE

