

HUDSON BAY

BAIE D'HUDSON

DESCRIPTIVE NOTES

The Radioactivity Map of Manitoba is one of a set of 1:500,000 regional compilation maps that indicate the equivalent thorium/potassium (Th/P) radioactivity levels across the province of Manitoba. The map was compiled from a series of 1:250,000 scale maps produced by the Geological Survey of Canada (GSC) from 1970 to 1990. The maps were compiled using a computerized process that combined the Th/P data from the individual maps and converted the data to a common scale. The map is presented as a series of 1:500,000 scale maps, each covering a 1-degree by 1-degree area. The map is presented in a series of 1:500,000 scale maps, each covering a 1-degree by 1-degree area. The map is presented in a series of 1:500,000 scale maps, each covering a 1-degree by 1-degree area.

REFERENCES

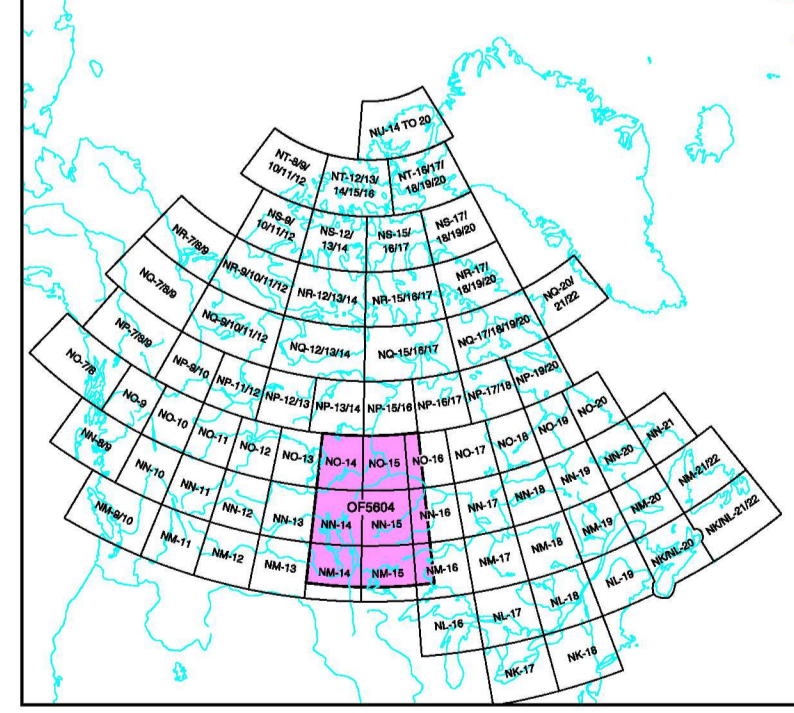
- Brook, J., Cross, J.M., Grant, J.A., and Ford, K.L. 1987. A method for determining the Th/P ratio and its application to the South Coast of Newfoundland. Geological Survey of Canada, Paper 87-1.
Cross, J.M., Holmer, P.R., Ford, K.L., Grant, J.A., and Blake, R.B.K. 2000. Atomic Canada: The Geospatial Information System. Atomic Canada: Geological Survey of Canada, Open File 2000-01.
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Geophysical compilation by J.M. Cross, P.R. Holmer, and K.L. Ford
Digital cartography by B. Blanchard-Pilon, Data Dissemination Division (DDO)

This map was produced from processes that conform to the Scientific and Technical Publishing Subdivision (STPS) Quality Management System, registered to the ISO 9001:2000 standard.

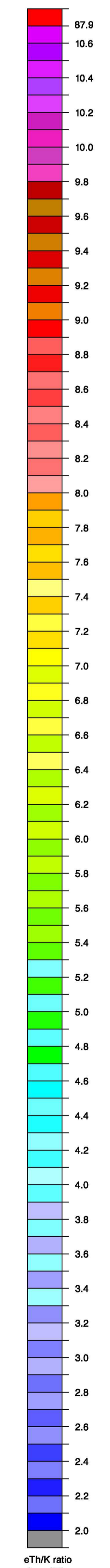
Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada.

Digital base map at the scale of 1:500,000 from the Digital Chart of the World (DCW) from Environmental Systems Research Institute (ESRI), with modifications by DDO.



OPEN FILE 5604
EQUIVALENT THORIUM/POTASSIUM RADIOACTIVITY MAP OF MANITOBA
MANITOBA

Scale 1:1 000 000/Echelle 1/1 000 000
Mètres 0 25 50 75 Kilomètres
Lambert Conformal Conic Projection
Standard Parallels 49°30'N and 50°30'N
North American Datum 1983
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RADIOACTIVITÉ ÉQUIVALENTE EN THORIUM/POTASSIUM
2008

Recommended citation:
Cross, J.M., Holmer, P.R., and Ford, K.L.
2008. Equivalent Thorium/Potassium radioactivity map of Manitoba.
Scale 1:1 000 000.