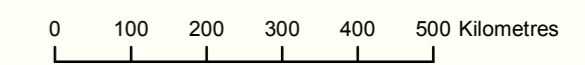




Australian Government
Geoscience Australia

AUSTRALIAN URANIUM RESOURCES

SCALE 1:10 000 000



LAMBERT CONFORMAL CONIC PROJECTION
Central Meridian: 134°E Standard Parallels: 18°S, 36°S
Geocentric Datum of Australia

- Uranium occurrence
 - Mineral deposits with up to 100 tonnes of U₃O₈ (11)
 - Mineral deposits with 100 to 1000 tonnes of U₃O₈ (25)
 - Mineral deposits with 1000 to 10000 tonnes of U₃O₈ (35)
 - Mineral deposits with 10000 to 100000 tonnes of U₃O₈ (15)
 - Mineral deposits with 100000 to 1000000 tonnes of U₃O₈ (2)
 - Mineral deposits with > 1000000 tonnes of U₃O₈ (1)
- Number of deposits shown in brackets
- Geological regions with up to 1000 tonnes of U₃O₈
 - Geological regions with 1000 to 10000 tonnes of U₃O₈
 - Geological regions with 10000 to 100000 tonnes of U₃O₈
 - Geological regions with 100000 to 1000000 tonnes of U₃O₈
 - Geological regions with > 1000000 tonnes of U₃O₈
 - Gawler Channels
 - Geological regions boundary, broken where subdivided

Compiled by: A.D. McKay, Y. Miezitis, and S. Jaireth

Cartography by V.A. Cooper, G.A. Young

This work is copyright. Apart from any fair dealings for the purposes of study, research, criticism or review, as permitted under the Copyright Act, no part may be reproduced by any process without permission. Inquiries should be directed to the Communication Unit, Geoscience Australia, GPO Box 378, Canberra City, ACT, 2601, Australia

Geoscience Australia has tried to make the information in this product as accurate as possible. However, it does not guarantee that the information is totally accurate or complete. THEREFORE, YOU SHOULD NOT RELY SOLELY ON THIS INFORMATION WHEN MAKING A COMMERCIAL DECISION

Published by Geoscience Australia, Department of Resources, Energy and Tourism, Canberra, Australia. Issued under the authority of the Minister for Resources, Energy and Tourism

Copies of this map may be downloaded from the Geoscience Australia website at: <http://www.ga.gov.au>

This map is based on information compiled from publicly available sources on some 89 Australian uranium deposits, including world-class and large deposits. Compilation of data is ongoing

Deposit size is the total tonnage of U₃O₈ that is or was in a deposit as estimated by Geoscience Australia. It was derived by summing the aggregate production from a deposit and the current or remaining resources in that deposit

Regional resources are the aggregate of resources in deposits occurring in the region. Regions defined here are based on Geoscience Australia's Georegions arcinfo coverage. Subdivisions of the Lachlan Fold Belt and Yilgarn Craton are based on data from published sources. Yeelirrie, Lake Way and other calcrete deposits have been assigned to Tertiary palaeochannel sediments that overlie the Yilgarn Craton. Mulga Rock deposit has been assigned to Tertiary palaeochannel sediments. Resources for Warrior deposit are assigned to Tertiary palaeochannel sediments that overlie the Gawler Block as mapped by Rogers (1999). Palaeo channels with undefined resources as mapped by Rogers (1999). Resources for Napperby calcrete deposit has been assigned to Tertiary palaeochannel sediments overlying the Arunta Block. Prominent Hill deposit is located in Palaeoproterozoic sediments and volcanics of the Gawler Block. Resources have been allocated to the Gawler Block. Beverley and Honeymoon sandstone deposits have been assigned to the Frome Embayment sediments. The extent of the Frome Embayment is based on Brunt (1978).

It is recommended that this map be referred to as: McKay, A.D., Miezitis, Y., Jaireth, S., 2008, *Australian Uranium Resources, May 2008 Edition*, 1:10 000 000 scale map, Geoscience Australia, Canberra, Australia

Geocat No 65938 ISBN: 978 1 921236 94 5

© Commonwealth of Australia, 2008
Produced by Geoscience Australia

MAY 2008 EDITION

