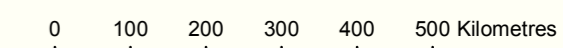




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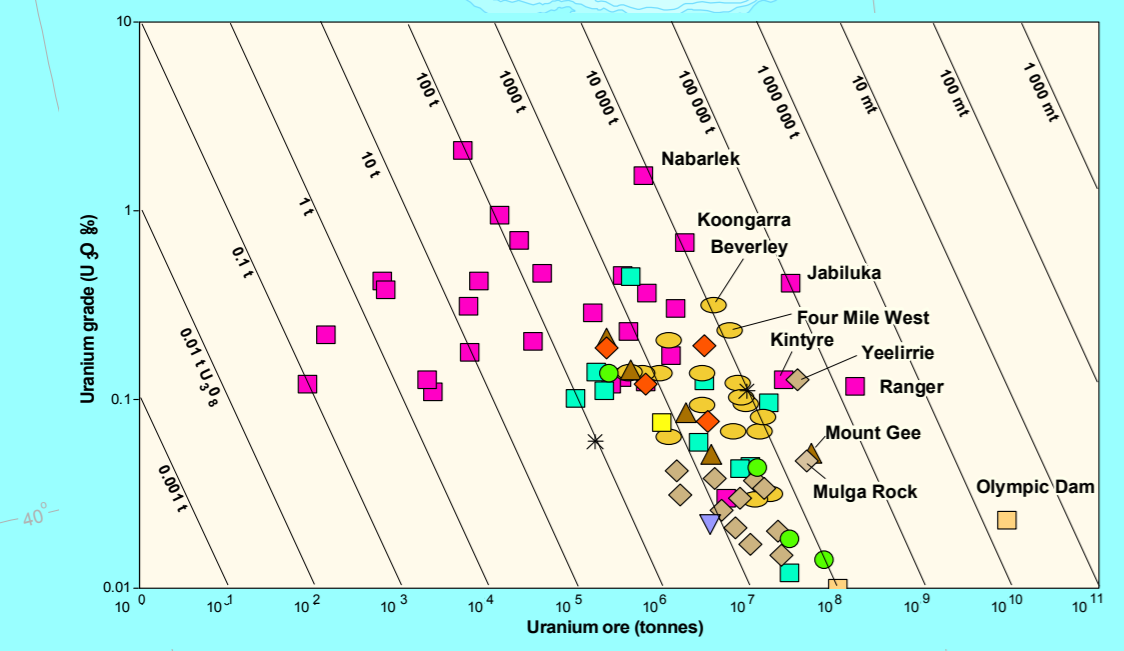
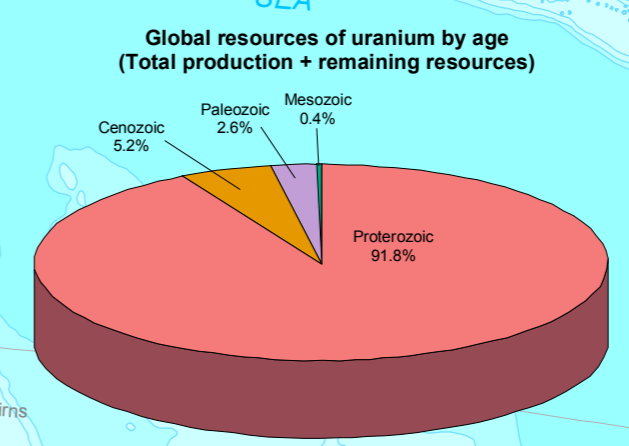
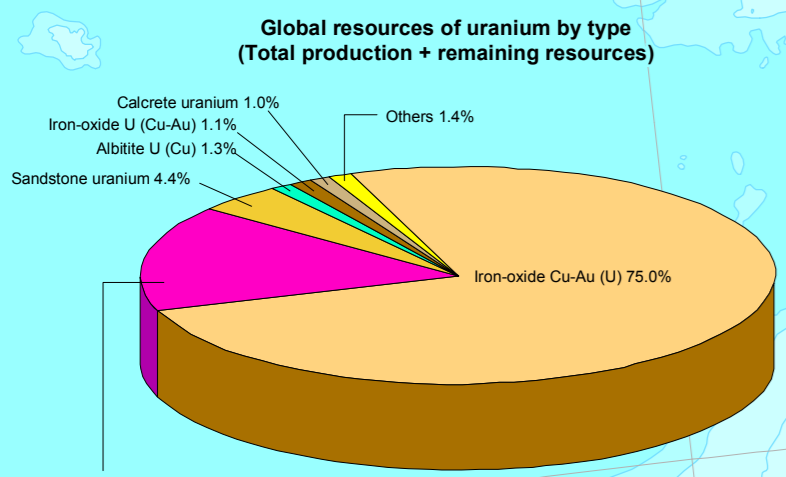
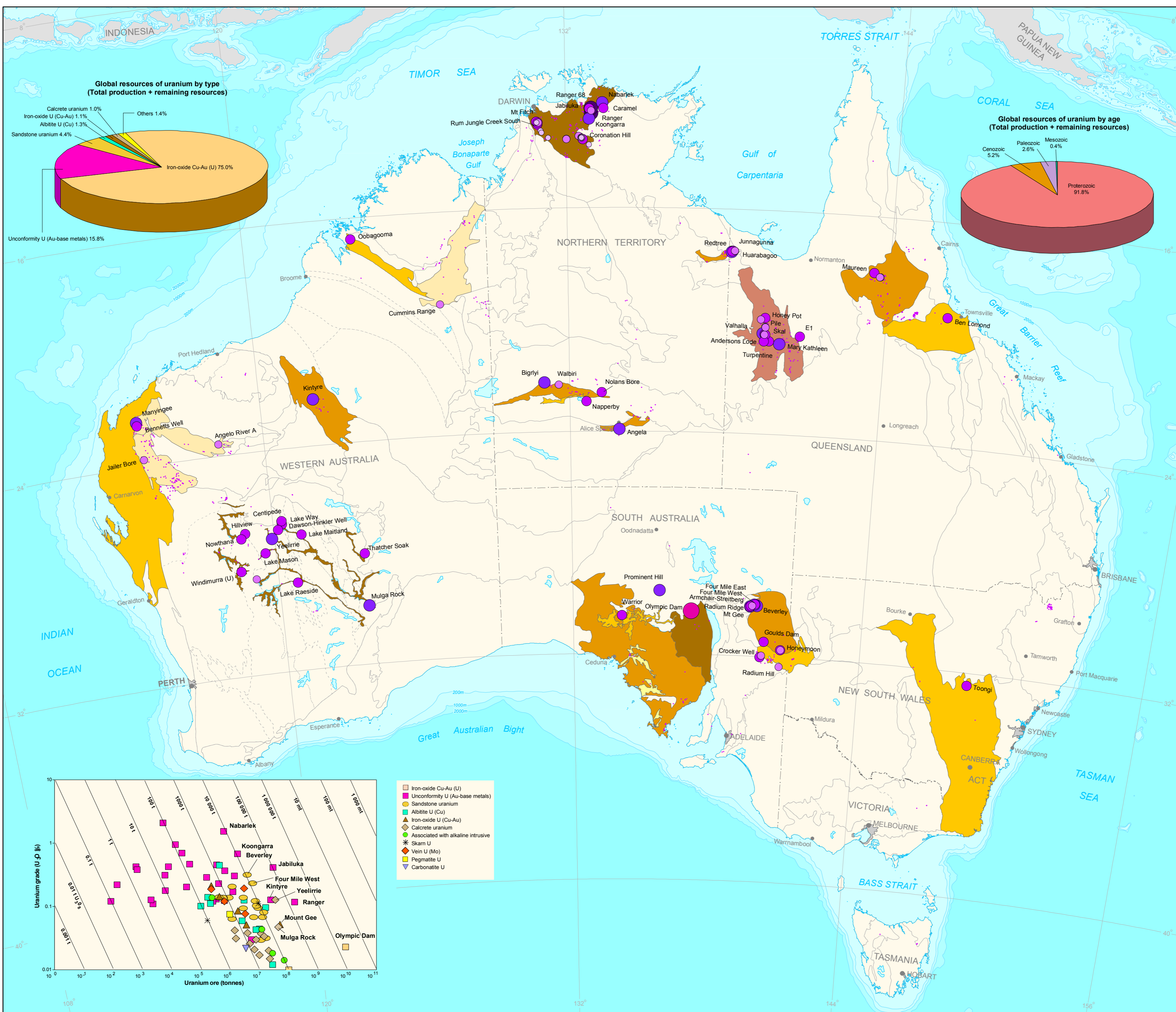
AUSTRALIAN URANIUM RESOURCES

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 tonne of U₃O₈ (10)
 - Mineral deposits with 100 to 1000 tonnes of U₃O₈ (24)
 - Mineral deposits with 1000 to 10 000 tonnes of U₃O₈ (37)
 - Mineral deposits with 10 000 to 100 000 tonnes of U₃O₈ (15)
 - Mineral deposits with 100 000 to 1 000 000 tonnes of U₃O₈ (2)
 - Mineral deposits with > 1 000 000 tonnes of U₃O₈ (1)
- Number of deposits shown in brackets
- Geological regions with up to 1000 tonnes of U₃O₈
 - Geological regions with 1000 to 10 000 tonnes of U₃O₈
 - Geological regions with 10 000 to 100 000 tonnes of U₃O₈
 - Geological regions with 100 000 to 1 000 000 tonnes of U₃O₈
 - Geological regions with > 1 000 000 tonnes of U₃O₈
 - Gawler Channels in South Australia
 - Geological regions boundary, broken where subdivided



- Iron-oxide Cu-Au (U)
- Unconformity U (Au-base metals)
- Sandstone uranium
- Abitite U (Cu)
- Iron-oxide U (Cu-Au)
- Calcrete uranium
- Associated with alkaline intrusive
- Skarn U
- Vein U (Mo)
- Pegmatite U
- Carbonatite U

Compiled by: A.D. McKay, Y. Miezitis, and S. Jaireth
Cartography by V.A. Cooper, and G.A. Young

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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 89 Australian uranium deposits, including world-class and large deposits. Compilation of data is ongoing

Deposit size is the total tonnage of U₃O₈ 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 arcino 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 paleochannel sediments that overlie the Yilgarn Craton. Mulga Rock deposit has been assigned to Tertiary paleochannel sediments that overlie the Gawler Craton as mapped by Rogers (1999). Paleochannels with undefined resources as mapped by Rogers (1999). Resources for Napperby calcrete deposit have been assigned to Tertiary paleochannel sediments that overlie the Arunta Region. Prominent Hill deposit is located in Paleoproterozoic sediments and volcanics of the Gawler Craton. Resources have been allocated to the Gawler Craton. 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., 2009, *Australian Uranium Resources, May 2009 Edition*, 1:10 000 000 scale map, Geoscience Australia, Canberra, Australia

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