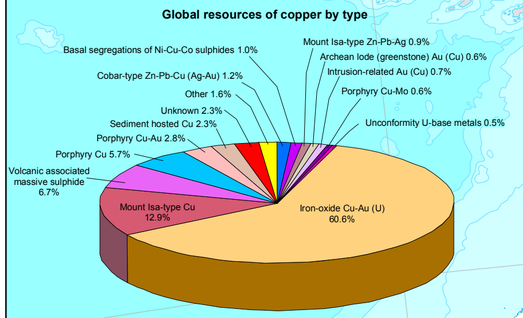

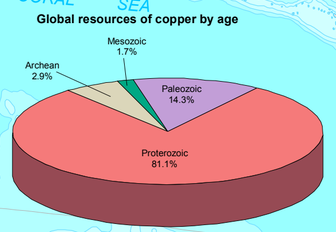

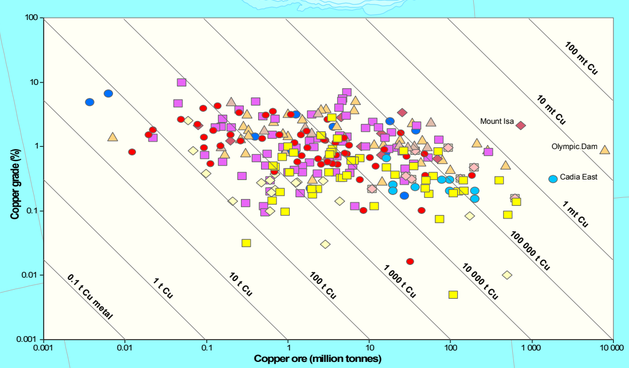

Archean lode (greenstone) Au (Cu)
Cobar-type Zn-Pb-Cu (Ag-Au)
Iron-oxide Cu-Au (U-Pb-Zn)
Komatiitic Ni-Cu
Mount Isa-type Cu
Porphyry Cu
Porphyry Cu-Au
Sediment-hosted Cu
Volcanic associated massive sulphide
Unknown
Other types

Only deposits with both grade and tonnage of ore have been plotted.

"Other types" includes deposit types with less than 1% of global resources:
Basal segregations of Ni-Cu-Co sulphides
BHT/Sullivan-type Zn-Pb-Ag (Cu-Au)
High sulphidation epithermal
Intrusion-related Au (Cu)
Lateritic Ni-Co (Cu)
Post-Archean lode Au (Cu-Pb-Zn)
Mount Isa-type Zn-Pb-Ag
Polymetallic replacement and vein
Porphyry Cu-Mo
Porphyry Cu (Pb Zn)
Skarn Cu-Au (Pb-Zn)
Skarn Cu (Pb-Zn)
Stratabound Cr-PGE layers
Stratabound PGE-Ni-Cu (Cr)-bearing layers
Unconformity-related U (Au-base metals)

Australian Government
Geoscience Australia

AUSTRALIAN COPPER RESOURCES

SCALE 1:10 000 000

0 100 200 300 400 500 Kilometres

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

Copper occurrences

Mineral deposits with up to 1 000 tonnes of copper (107)
Mineral deposits with 1 000 to 10 000 tonnes of copper (82)
Mineral deposits with 10 000 to 100 000 tonnes of copper (97)
Mineral deposits with 100 000 to 250 000 tonnes of copper (123)
Mineral deposits with 250 000 to 1 million tonnes of copper (80)
Mineral deposits with 1 million to 10 million tonnes of copper (9)
Mineral deposits with 10 million to 50 million tonnes of copper (1)
Mineral deposits with more than 50 million tonnes of copper (1)

Number of deposits shown in brackets

Geological regions with up to 1 000 tonnes of copper
Geological regions with 1 000 to 10 000 tonnes of copper
Geological regions with 10 000 to 100 000 tonnes of copper
Geological regions with 100 000 to 1 million tonnes of copper
Geological regions with 1 to 10 million tonnes of copper
Geological regions with 10 to 40 million tonnes of copper
Geological regions with more than 40 million tonnes of copper
Geological regions boundary, broken where subdivided

Compiled by S. Jaireth, K. Porritt

Cartography by V.A. Cooper, 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 some 500 Australian deposits with copper resources, including world-class deposits. Compilation of data is ongoing

Deposit size is the total tonnage of copper 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 Orogen and Yilgarn Craton are based on data from published sources

Location information used in this map is derived from Geoscience Australia's Ozmin database for deposits. Ozmin data for each deposit, including resources, can be accessed at: *http://www.australianminesatlas.gov.au*

It is recommended that this map be referred to as: Jaireth, S., Porritt, K., 2009, *Australian Copper Resources, March 2009 Edition*, 1:10 000 000 scale map, Geoscience Australia, Canberra, Australia

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