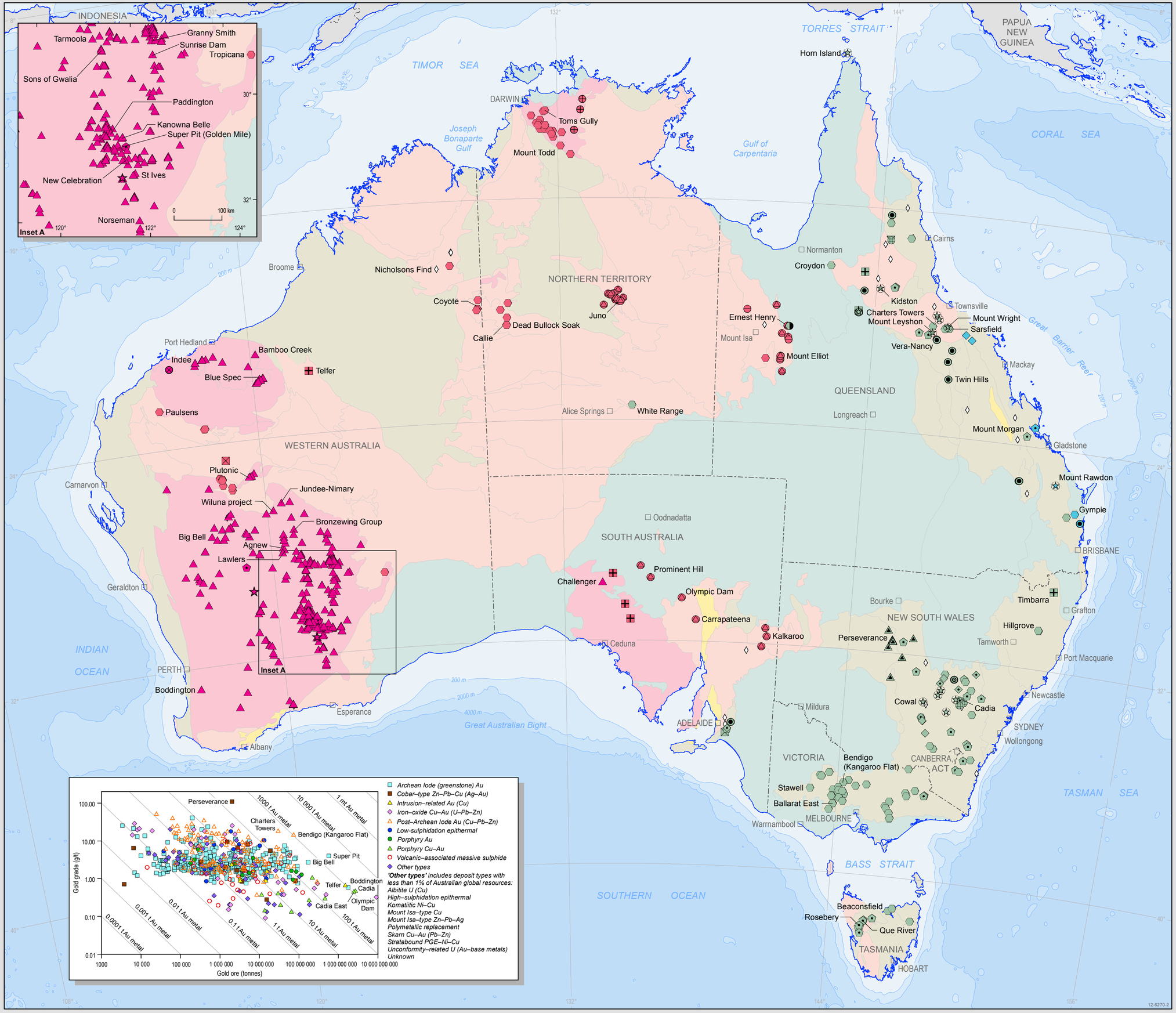


Australian Government
Geoscience Australia

AUSTRALIAN GOLD RESOURCES

(Sheet 2: Deposit types)

2012 EDITION

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

This map is based on information compiled from publicly available sources on 600 Australian gold deposits, including world-class and large deposits. Compilation of data is ongoing. Deposit size is the total tonnage of gold that is, or was, in a deposit as estimated by Geoscience Australia. Resources are derived by summing the aggregate production and the current remaining resources.

Geological regions defined here are based on Geoscience Australia's Geological Regions Boundaries arcinfo coverage. Preliminary resources for some deposits are assigned to the closest region. Gold deposit location information used in this map is derived from Geoscience Australia's OZMIN database for mineral deposits, available at:
http://www.ga.gov.au/meta/ANZCW0703003393.html

Ages of Gold Deposits

Geological age is depicted by the colour of the symbols

Cenozoic *Mesozoic* *Paleozoic* *Proterozoic* *Archean*

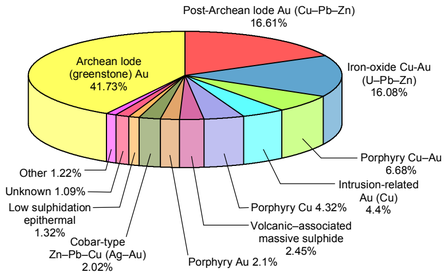
Types of Gold Deposits

- *Albitite U (Cu)*
- *Archean lode (greenstone) Au*
- *Cobar–type Zn–Pb–Cu (Ag–Au)*
- *High–sulphidation epithermal*
- *Intrusion–related Au (Cu)*
- *Iron–oxide Cu–Au (U–Pb–Zn)*
- *Komatiitic Ni–Cu*
- *Low sulphidation epithermal*
- *Mount Isa–type Cu*
- *Mount Isa–type Zn–Pb–Ag*
- *Polymetallic replacement*
- *Porphyry Au*
- *Porphyry Cu*
- *Porphyry Cu–Au*
- *Post–Archean lode Au (Cu–Pb–Zn)*
- *Skarn Cu–Au (Pb–Zn)*
- *Stratabound PGE–Ni–Cu bearing layers*
- *Unconformity U (Au–base metals)*
- *Unknown*
- *Volcanic–associated massive sulphide*

Main mineralised regions by predominant geological age

Cenozoic *Mesozoic–Cenozoic* *Paleozoic* *Proterozoic* *Archean*

Global resources (total production and remaining resources) of gold by deposit type



Compiled by S. Jaireth, A. Whitaker, A. Senior
Cartography by B. Reese (Product Development Support Section)

It is recommended that this map be referred to as: Jaireth, S., Whitaker, A., Senior, A., 2012, Australian Gold Resources (Sheet 1: Deposit types), 2012 Edition, 1:10 000 000 scale map, Geoscience Australia, Canberra, Australia.

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GeoCat # 74314
ISBN # 978-1-922103-71-0