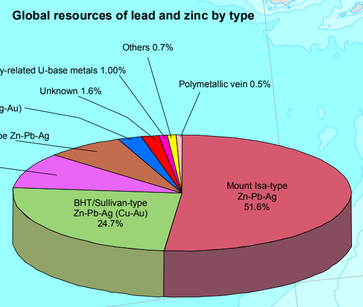
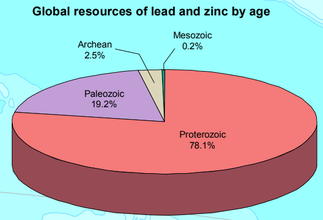
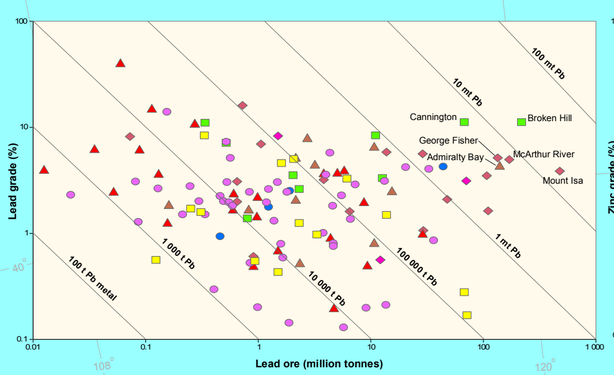
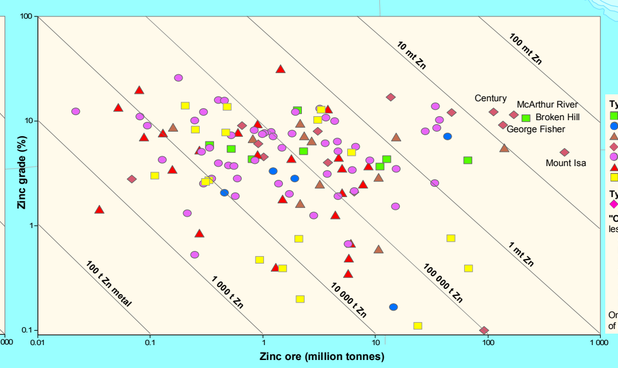




INDONESIA
TIMOR SEA
TORRES STRAIT
PAPUA NEW GUINEA
CORAL SEA
DARWIN
Browns
Woodcutters
Rum Jungle
Joseph Bonaparte Gulf
Gulf of Carpentaria
Sandy Creek
Sorby Hills
Hargeaves
McArthur River
NORTHERN TERRITORY
Walford Creek
Normanton
Cairns
King Vol
Mungana
Mt Garnet
Broome
Fossil Downs
Pillara
Lamboo
Koongie Park
Kutarta
Emull
Kapok
Cadjebut
Admiral Bay
Explorer 108
Silver King
Century
Lady Loretta
George Fisher
Mount Isa
Dugald River
Altia
Pegmont
Cannington
Mt Misery
Dry River South
Balcooma
Surveyor 1
Thalanga
Liontown
Townsville
Great Barrier Reef
Mackay
Port Hedland
Sulphur Springs
Kangaroo Caves
Lennons Find
Alice Springs
Longreach
Foresthome
Gladstone
Mount Clement
Prairie Downs
WESTERN AUSTRALIA
QUEENSLAND
Abra
Camarvon
Magellan
SOUTH AUSTRALIA
Oodnadatta
Jaguar
Teutonic Bore
Northampton
Geraldton
Scuddles
Golden Grove
BRISBANE
Bourke
Beltana
Ediacara
North Flinders
Broken Hill
Potosi
Endeavor
CSA
Hera
Conrad
Grafton
Tamworth
Port Macquarie
Belara
Bowdens
Lewis Ponds
Newcastle
INDIAN OCEAN
PERTH
Ceduna
Menninnie Dam
NEW SOUTH WALES
Mildura
SYDNEY
Wollongong
Great Australian Bight
Esperance
ADELAIDE
Angas
Wet Lagoon
CANBERRA
Woodlawn
Trilogy
Albany
TASMAN SEA
VICTORIA
Currawong
Wilga
MELBOURNE
Warrnambool
BASS STRAIT
Hellyer
Roseberry
Comstock
Zeehan
Que River
Mount Farrell
TASMANIA
HOBART





Types common to lead and zinc
- BHT/Sullivan-type Zn-Pb-Ag (Cu-Au)
- Cobar-type Zn-Pb-Cu (Ag-Au)
- Mississippi Valley-type Zn-Pb-Ag
- Mount Isa-type Zn-Pb-Ag
- Volcanic associated massive sulphide
- Unknown
- Other types

Types unique to lead
- Unconformity-related U (Au-base metals)

"Other types" includes deposit types with less than 1% of global resources:
- Cu Pb-Zn skarn
- Iron Oxide Cu-Au (U-Pb-Zn)
- Post-Archean lode Au-Cu (Pb-Zn) - unique to zinc
- Low sulphidation epithermal
- Polymetallic vein and replacement
- Porphyry Cu (Pb-Zn)

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

Australian Government
Geoscience Australia

AUSTRALIAN LEAD AND ZINC 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

- *Lead-zinc occurrence*
- *Mineral deposits with 1 to 10 000 tonnes of lead and zinc (37)*
- *Mineral deposits with 10 000 to 100 000 tonnes of lead and zinc (62)*
- *Mineral deposits with 100 000 to 1 million tonnes of lead and zinc (56)*
- *Mineral deposits with 1 to 10 million tonnes of lead and zinc (13)*
- *Mineral deposits with 10 to 40 million tonnes of lead and zinc (4)*
- *Mineral deposits with more than 40 million tonnes of lead and zinc (2)*

Number of deposits shown in brackets

- *Geological regions with up to 10 000 tonnes of lead and zinc*
- *Geological regions with 10 000 to 100 000 tonnes of lead and zinc*
- *Geological regions with 100 000 to 1 million tonnes of lead and zinc*
- *Geological regions with 1 to 10 million tonnes of lead and zinc*
- *Geological regions with 10 to 40 million tonnes lead and zinc*
- *Geological regions with 40 to 80 million tonnes lead and zinc*
- *Geological regions with more than 80 million tonnes of lead and zinc*
- *Geological regions boundary, broken where subdivided*

Compiled by: S. Jaireth, K. Porritt

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

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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 174 Australian lead and zinc deposits, including world-class and large deposits. Compilation of data is ongoing

Deposit size is the total tonnage of lead and zinc 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 feature class. Subdivisions of the Canning Basin, 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 and Minloc for lead and zinc occurrences. 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 Lead and Zinc Resources, March 2009 Edition, 1:10 000 000 scale map, Geoscience Australia, Canberra, Australia

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