

# GOLD BY EVENT, STATUS AND TYPE

- Event**
- MinEv10 (~ 660 to 640 Ma)
  - MinEv9 (~ 860 to 840 Ma)
  - MinEv8 (~ 1080 to 1060 Ma) – not recorded for gold
  - MinEv7 (~ 1540 to 1500 Ma)
  - MinEv6 (~ 1600 to 1550 Ma)
  - MinEv5 (~ 1630 to 1600 Ma)
  - MinEv4 (~ 1700 to 1640 Ma)
  - MinEv3 (~ 1740 to 1720 Ma)
  - MinEv2 (~ 1810 to 1760 Ma)
  - MinEv1 (~ 1860 to 1840 Ma)

- Age**
- | Determined | Inferred | Deposit type                                               |
|------------|----------|------------------------------------------------------------|
| ◆          | ◇        | Iron-oxide copper-gold-uranium                             |
| ▲          | □        | Intrusive-related gold                                     |
| ●          | ○        | Orogenic lode gold                                         |
| ●          | ○        | Unconformity-related uranium-gold                          |
| ●          | ○        | Volcanic associated massive sulphide zinc-lead-copper-gold |
| ○          | ○        | Undefined                                                  |
| ○          | ○        | Gold occurrence (only within regions of Proterozoic age)   |

## Main mineralised regions by predominant geological age

- Proterozoic to Palaeozoic
- Proterozoic
- Archaean to Proterozoic

Mineralising events are defined based on the age of a mineral deposit.

**Determined** deposits/events for which mineralisation, alteration, or host rocks (for syngenetic deposits) have been directly dated (including Pb/Pb model age).

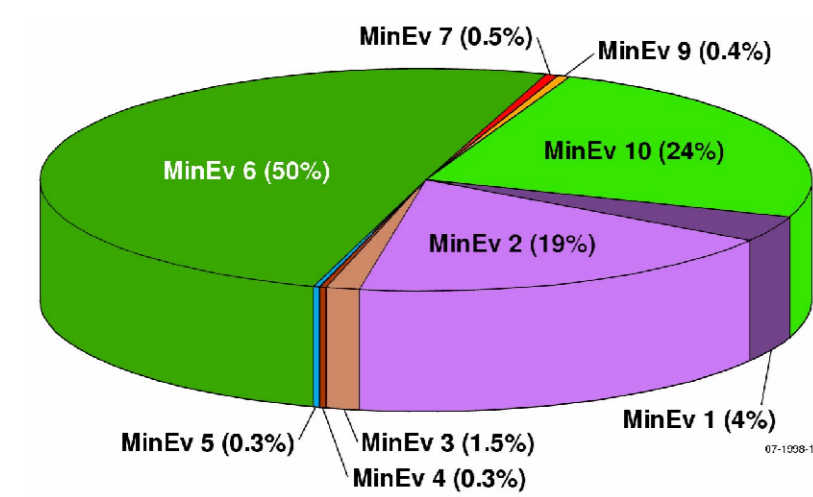
**Inferred** deposits for which the age is inferred based on the age of similar deposits of the dated category.

**Undefined**: Proterozoic deposits of undetermined age.

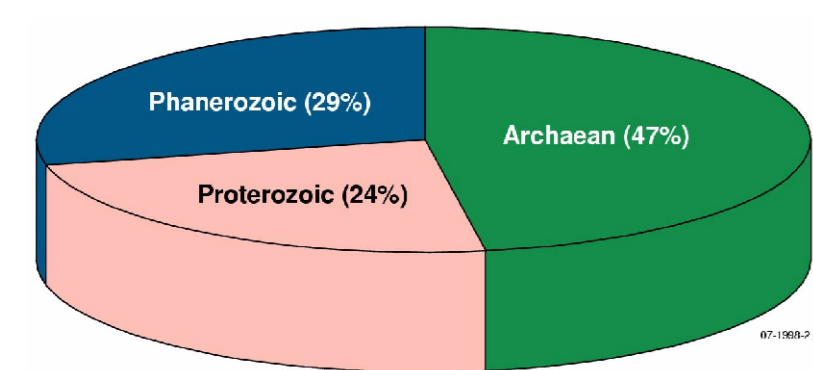
Out of the 10 major Proterozoic mineralising events (Gold, Uranium and Base metals) only 9 are identified as gold. MinEv 8 (1080 Ma to 1060 Ma) is not recorded.

Gold deposits and occurrences in the Adelaide, Charters Towers, Coen, King Island, Kanmantoo, Rocky Cape and Tyennan regions are of Phanerozoic age.

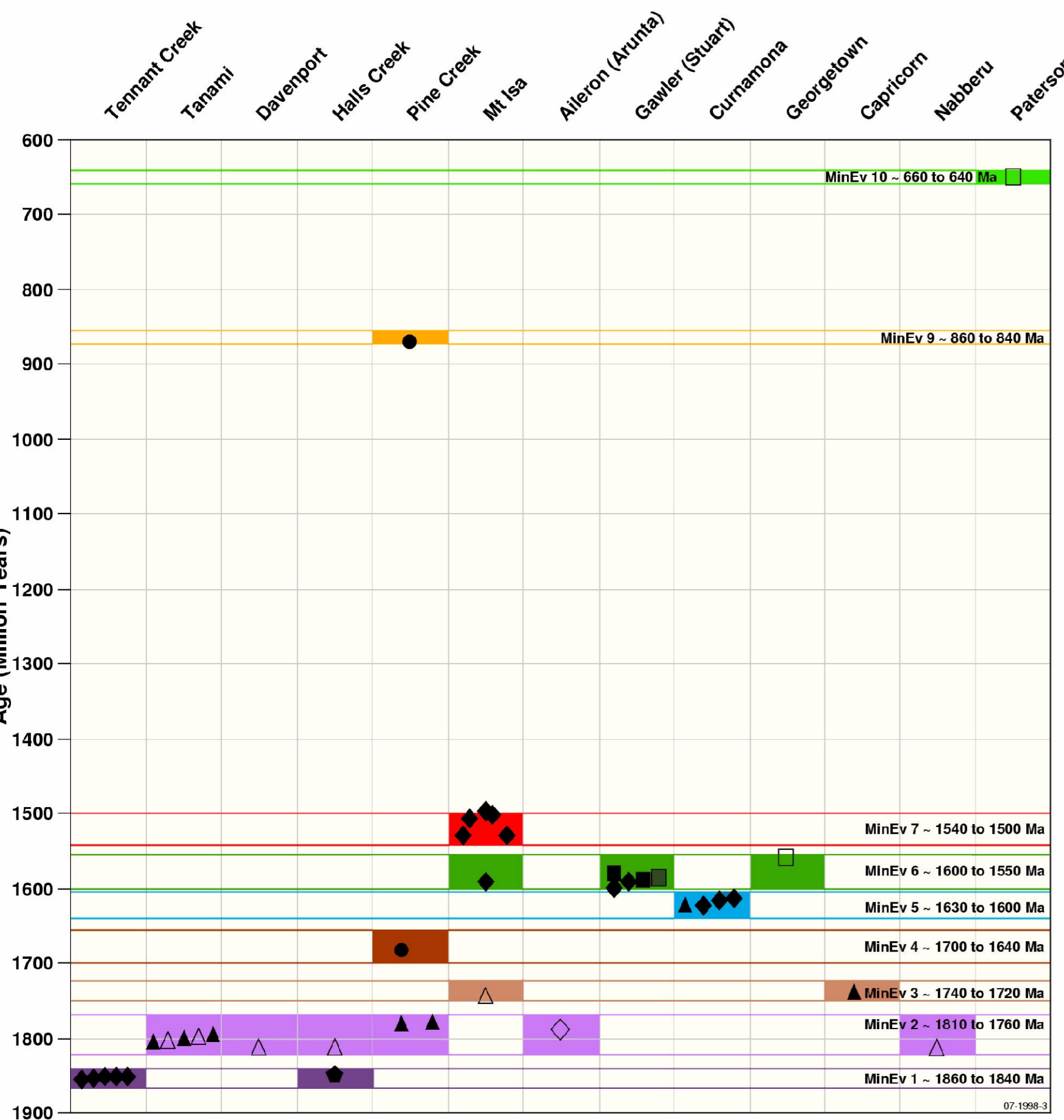
## Australian Resources (Global) of Gold by Proterozoic Mineralising Events



## Australian Resources (Global) of Gold by Age



## Time-Space-Event Chart



# AUSTRALIAN PROTEROZOIC MINERALISING EVENTS: GOLD (Map 2)

