

URANIUM MINERALISATION BY EVENT, STATUS AND TYPE

- Event**
- MinEv10 (~ 660 to 640 Ma) – not recorded for uranium
 - MinEv9 (~ 860 to 840 Ma)
 - MinEv8 (~ 1080 to 1060 Ma) – not recorded for uranium
 - MinEv7 (~ 1540 to 1500 Ma)
 - MinEv6 (~ 1600 to 1550 Ma)
 - MinEv5 (~ 1630 to 1610 Ma)
 - MinEv4 (~ 1700 to 1640 Ma)
 - MinEv3 (~ 1740 to 1720 Ma)
 - MinEv2 (~ 1810 to 1760 Ma) – not recorded for uranium
 - MinEv1 (~ 1860 to 1840 Ma) – not recorded for uranium

- Age**
- | Determined | Inferred | Deposit type |
|------------|----------|---|
| ★ | ☆ | Intrusive uranium |
| ◆ | ◇ | Iron-oxide copper-gold-uranium |
| ★ | ☆ | Metasomatic uranium |
| ◆ | ◇ | Pegmatitic uranium |
| ▲ | ▽ | Sandstone uranium |
| ▼ | △ | Sediment-hosted copper-lead-zinc-uranium |
| ● | ○ | Unconformity-related uranium-gold |
| ○ | ○ | Undefined |
| ○ | ○ | Uranium occurrence (only within regions of Proterozoic age) |

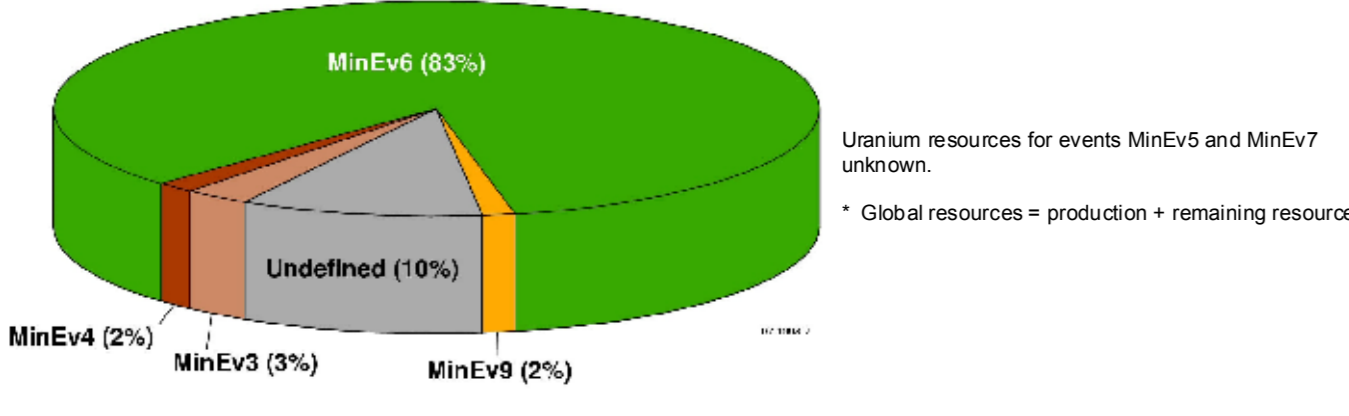
MAIN MINERALISED REGIONS BY PREDOMINANT GEOLOGICAL AGE

- Proterozoic to Palaeozoic
- Proterozoic
- Archaean to Proterozoic

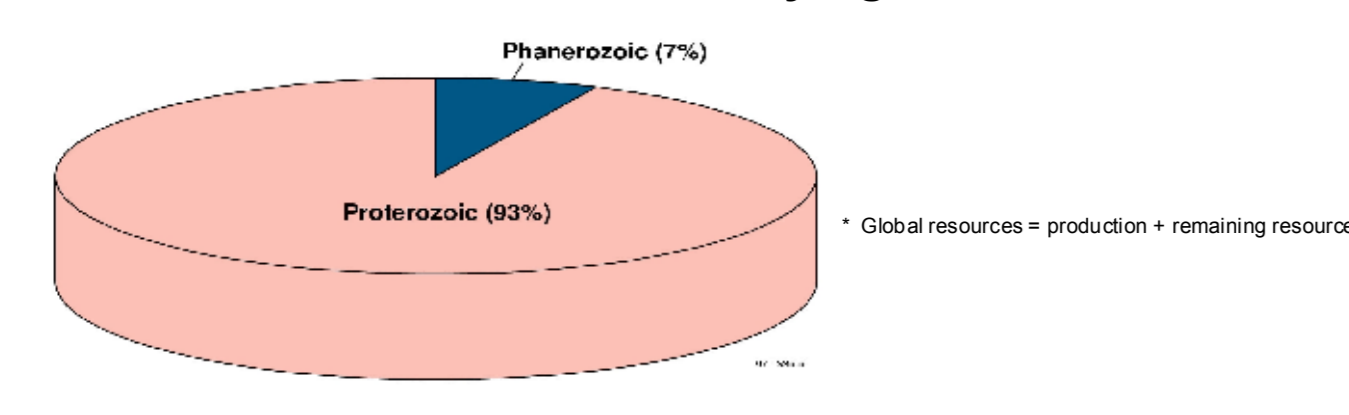
Mineralising events are defined from the age of mineral deposits.
Determined: deposits/events for which mineralisation, alteration, or host rocks (for syngenetic deposits) have been directly dated (including Pb/Pb model age);
Inferred: deposits for which the age is inferred from the age of similar deposits of the dated category, and
Undefined: Proterozoic deposits of undetermined age.

Uranium deposits and occurrences in the Charters Towers, Coen, and Georgetown regions are of Phanerozoic age.

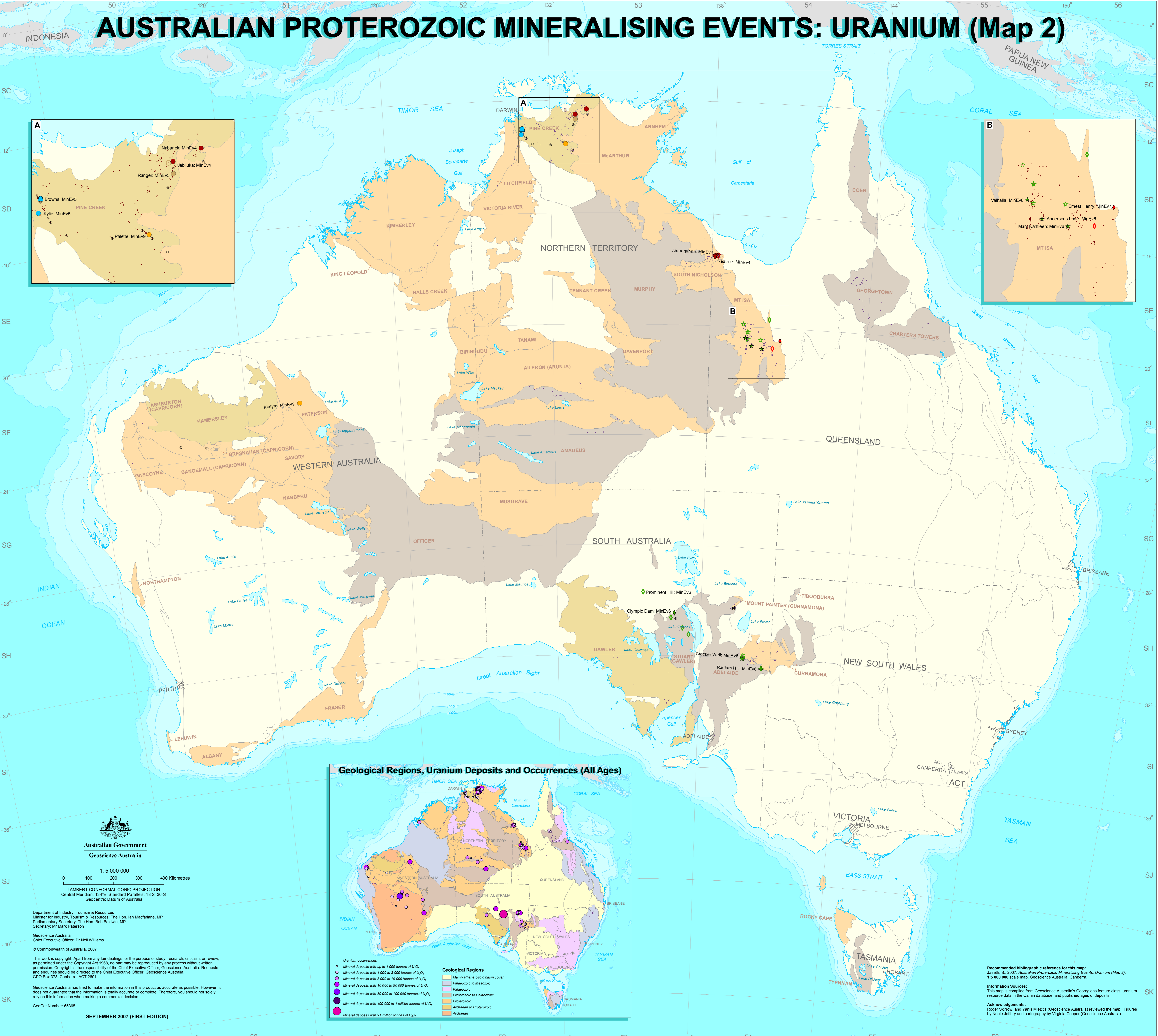
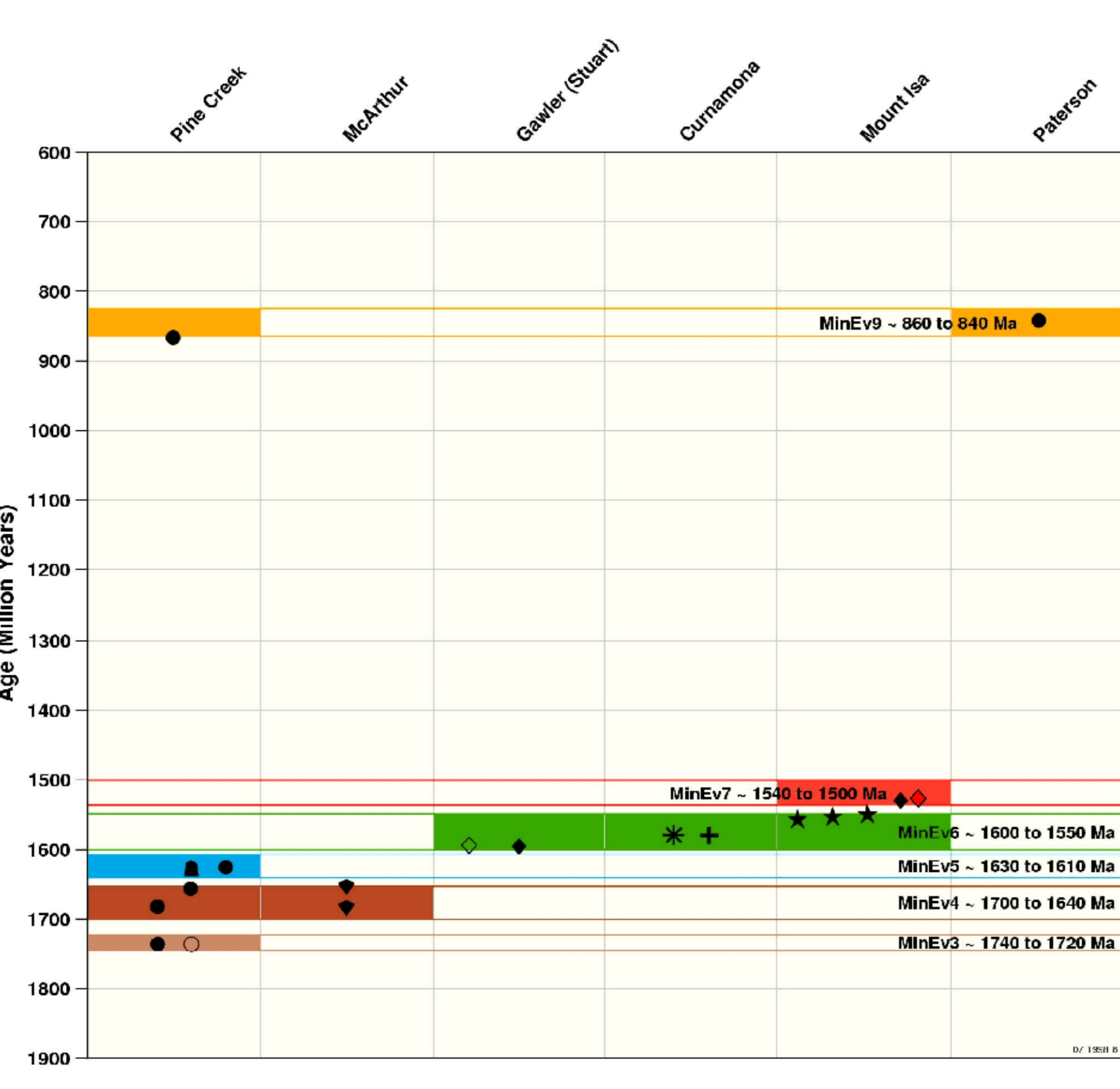
Australian Resources of Uranium by Proterozoic Mineralising Events



Australian Resources of Uranium by Age



Time-Space Chart of Uranium Mineralising Events



Australian Government
Geoscience Australia

1:5 000 000
 0 100 200 300 400 Kilometres

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

Department of Industry, Tourism & Resources
 Minister for Industry, Tourism & Resources: The Hon. Ian Macfarlane, MP
 Parliamentary Secretary: The Hon. Bob Baldwin, MP
 Secretary: Mr Mark Patterson

Geoscience Australia
 Chief Executive Officer: Dr Neil Williams

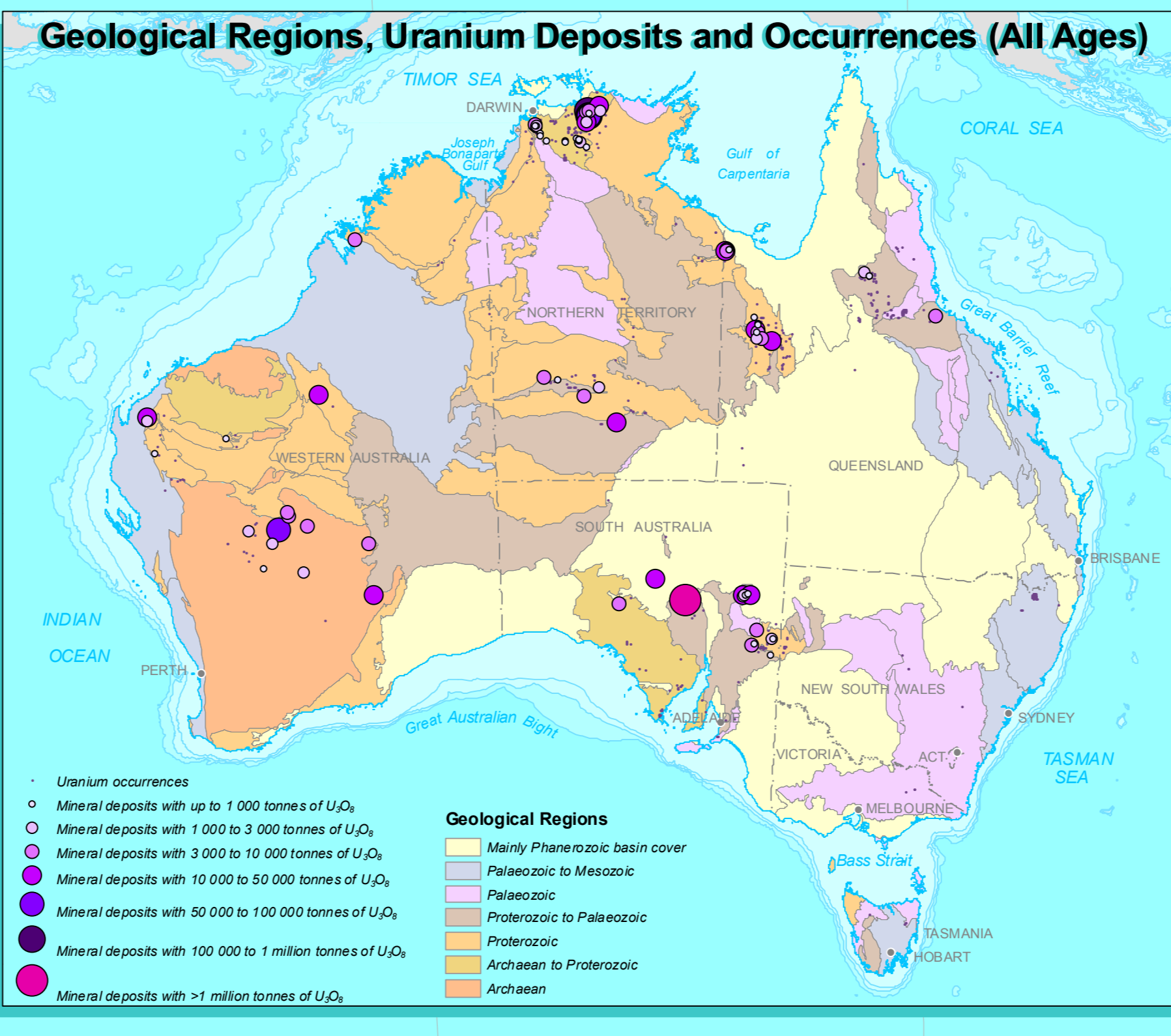
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Information Sources:
 This map is compiled from Geoscience Australia's Geogions feature class, uranium resource data in the Ozmin database, and published ages of deposits.

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 Roger Skirrow, and Yaris Mezitis (Geoscience Australia) reviewed the map. Figures by Neale Jeffrey and cartography by Virginia Cooper (Geoscience Australia).