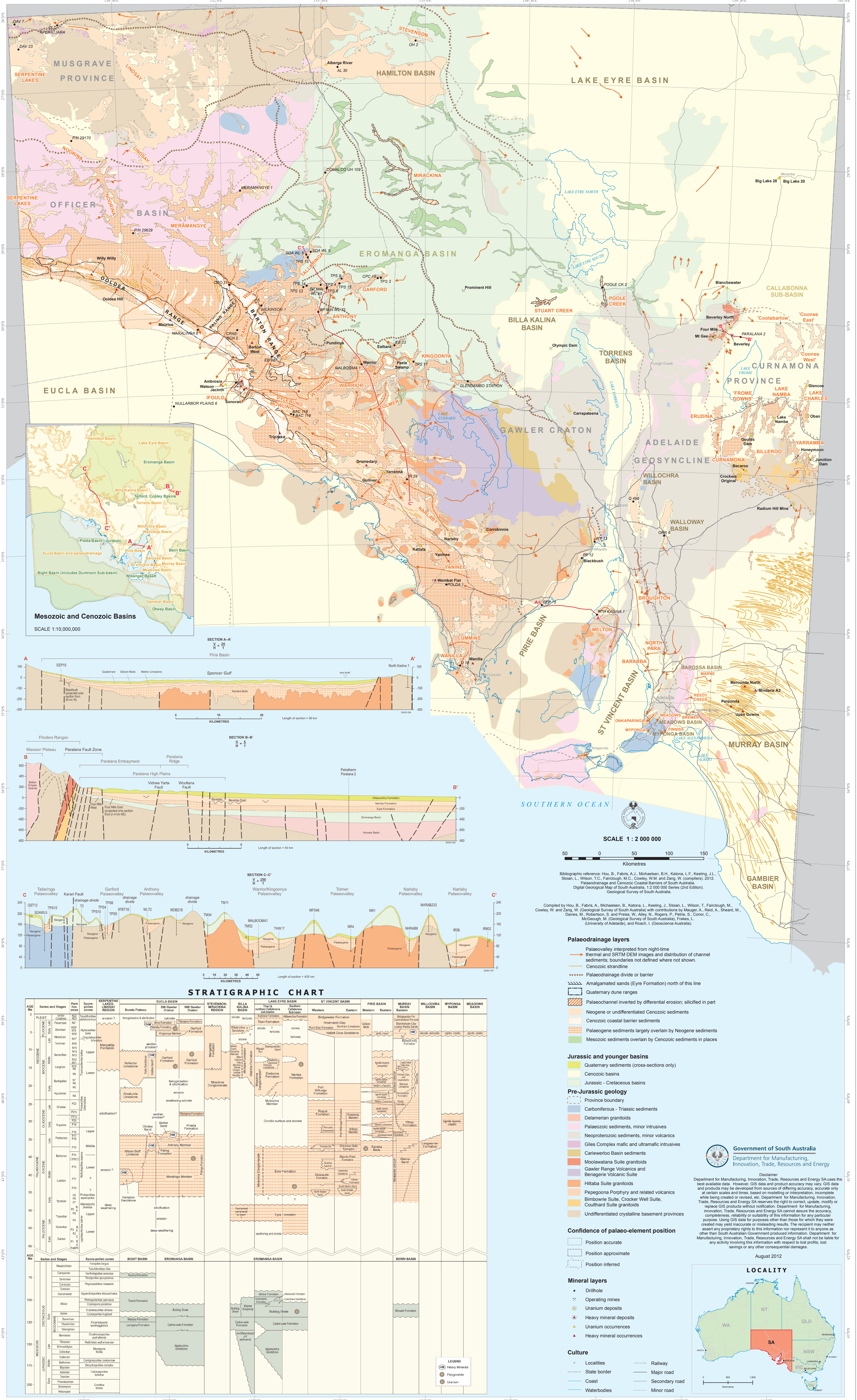


PALAEODRAINAGE AND CENOZOIC COASTAL BARRIERS OF SOUTH AUSTRALIA



Palaeodrainage layers

- Palaeovalley interpreted from night-time thermal and SRTM DEM images and distribution of channel sediments; boundaries not defined where not shown.
- Cenozoic strandline
- Palaeodrainage divide or barrier
- Amalgamated sands (Eyre Formation) north of this line
- Quaternary dune ranges
- Palaeochannel inverted by differential erosion; siltified in part
- Neogene or undifferentiated Cenozoic sediments
- Cenozoic coastal barrier sediments
- Palaeogene sediments largely overlain by Neogene sediments
- Mesozoic sediments overlain by Cenozoic sediments in places

Jurassic and younger basins

- Quaternary sediments (cross-sections only)
- Cenozoic basins
- Jurassic - Cretaceous basins

Pre-Jurassic geology

- Province boundary
- Carboniferous - Triassic sediments
- Delamerian granitoids
- Palaeozoic sediments, minor intrusives
- Neoproterozoic sediments, minor volcanics
- Giles Complex mafic and ultramafic intrusives
- Carriewerloo Basin sediments
- Moolawatana Suite granitoids
- Gawler Range Volcanics and Benagerie Volcanic Suite
- Hiltaba Suite granitoids
- Peppepoona Porphyry and related volcanics
- Bimbrowlie Suite, Crocker Well Suite, Coulthard Suite granitoids
- Undifferentiated crystalline basement provinces

Confidence of palaeo-element position

- Position accurate
- Position approximate
- Position inferred

Mineral layers

- Drillhole
- Operating mines
- Uranium deposits
- Heavy mineral deposits
- Uranium occurrences
- Heavy mineral occurrences

Culture

- Localities
- State border
- Coast
- Waterbodies
- Railway
- Major road
- Secondary road
- Minor road

Government of South Australia
Department for Manufacturing,
Innovation, Trade, Resources and Energy

Disclaimer
Department for Manufacturing, Innovation, Trade, Resources and Energy SA uses the best available data. However, GIS data and product accuracy may vary. GIS data and products may be developed from sources of differing accuracy, accurate only at certain scales and times, based on modelling or interpretation, incomplete while being created or revised, etc. Department for Manufacturing, Innovation, Trade, Resources and Energy SA cannot assume the accuracy, completeness, reliability or suitability of this information for any particular purpose. Using GIS data for purposes other than those for which they were created may yield inaccurate or misleading results. The recipient may neither assert any proprietary rights to this information nor represent it to anyone as other than South Australian Government produced information. Department for Manufacturing, Innovation, Trade, Resources and Energy SA shall not be liable for any activity involving this information with respect to lost profits, lost savings or any other consequential damages.

August 2012

