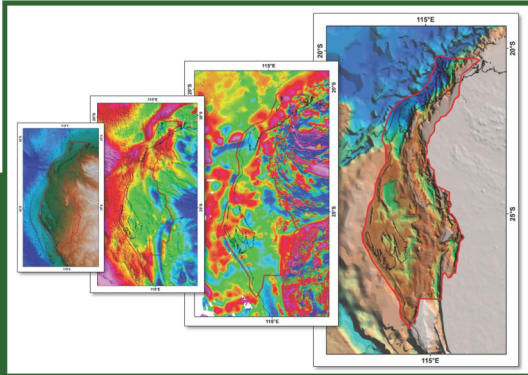


**2018 CARNARVON BASIN
SEEBASE STUDY AND GIS**by
Frogtech Geoscience

In 2005, Frogtech Geoscience completed the 'Structurally Enhanced view of Economic BASEment' (OZ SEEBASE) project, resulting in a continental-scale depth-to-basement grid highlighting the Phanerozoic basins across Australia. With the acquisition of new potential field and seismic datasets in the Carnarvon Basin since then, the Geological Survey of Western Australia (GSWA) contracted Frogtech to revise the SEEBASE model of the Carnarvon Basin, and to provide interpretations of basement terrane and lithology.

The 2018 Carnarvon SEEBASE project has markedly increased the resolution of the Carnarvon Basin depth-to-basement model compared to the 2005 version, improved identification and mapped major structures, basement faults, crustal architecture and basement composition. These new products form a valuable pre-competitive dataset for both the minerals and petroleum industries.

The USB contains:

- 2018 Carnarvon Basin SEEBASE Report as a PDF
- 2018 Carnarvon Basin SEEBASE appendix I geophysical processing as a PDF
- 2018 Carnarvon Basin SEEBASE appendix II geophysics enhancements as a PDF
- ArcGIS mxd files
- QGIS project file
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