



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

The Perth SEEBASE project 2022 has markedly increased the resolution of the Perth 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 precompetitive dataset for both, the minerals and energy industries.

The USB contains:

- Perth Basin SEEBASE structural study and GIS Report as a PDF
- ArcGIS mxd file — Perth Basin SEEBASE – Structural study and GIS.mxd
- ArcGIS mxd file — Perth Basin SEEBASE – Structural study and GIS – Gravity and magnetics.mxd
- QGIS project file — Perth Basin SEEBASE – Structural study and GIS.qgs
- QGIS project file — Perth Basin SEEBASE – Structural study and GIS – Gravity and magnetics.qgs

Perth Basin SEEBASE structural study and GIS data package 2022

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