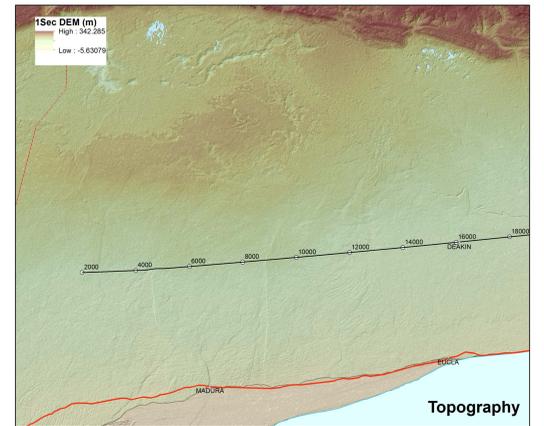
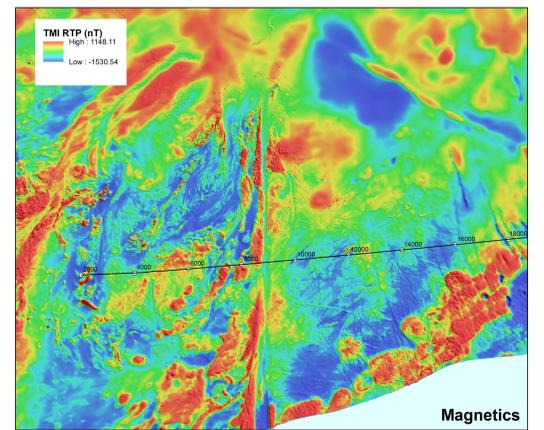
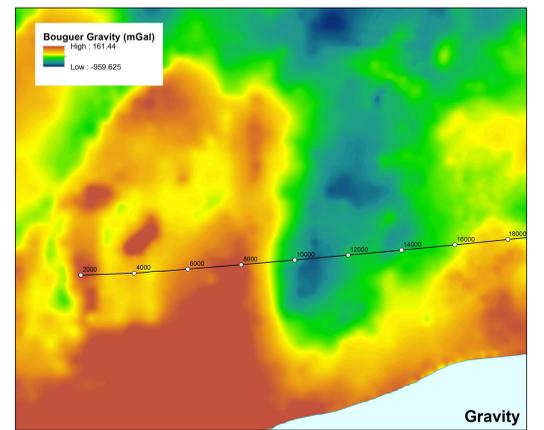


Seismic Interpretation Legend

Code	Description	Geological Interpretation
Yellow	Eucla Basin	Eucla Basin
Green	Officer Basin	Officer Basin
Blue	Mundrabilla Shear Zone	sheared rocks, includes intrusions of Moodini Supersuite
Light Blue	Moodini Coompana Province	Coompana Province
Light Green	Kestral Cavern Gabbro	ferro-monzogabbro, coarse plagioclase-rich leucogabbro
Light Blue	Moodini Madura Province	Dominantly Moodini Supersuite; Madura Province
Light Blue	Moodini Supersuite	granite
Light Blue	Moodini W Coompana	western Coompana Province
Purple	Moodini Bottle Corner	includes Bottle Corner Shoshonite, bottle-hornblende metadiorite to metamonzodiorite
Orange	Madura Province undivided	sheared metagranite and metagabbroic rocks; may include tectonic slivers of Madura Province rocks
Red	Normalup Zone	metagranite and metamorphosed mafic rocks; undivided; may include metasedimentary rocks
Pink	Madura Province	metagranite and metamorphosed mafic rocks; undivided; may include metasedimentary rocks
Purple	Haig Cave Supersuite	metagabbro interlayered with trondhjemic plagiogranite; locally includes peridotite cumulate
Light Green	Madura Province	interlayered metabasalt and metasedimentary rocks with intrusions of gabbro and granite
Light Green	Plinto Basalt	basalt schist intruded by Haig Cave Supersuite plagiogranite veins and pods
Light Green	Undawidji Supersuite	intruded by Moodini Supersuite
Light Green	Undawidji Supersuite	foliated metagranite and felsic metavolcanic rocks
Light Green	Tooligana Supersuite	granitic and mafic gneiss

- Structure**
- Basin fault
 - Fault
 - Shear Zone, Major
 - Shear zone
 - Shear zone, inferred
- Contact**
- Top of Officer Basin
 - Base of Cover
 - NW-trending dyke
 - Intrusive contact
 - Geological boundary
 - Top of reflective mid-crust
 - Top of Gunnadorrah Seismic Province
 - Top of reflective lower crust
 - Moho



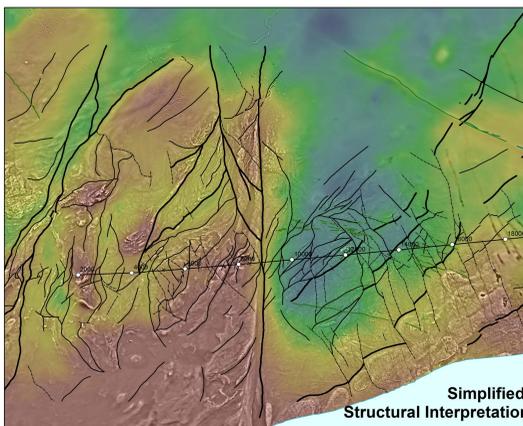
Geological Interpretation of the Madura Province section of the Eucla-Gawler Seismic Line (13GA-EG1)

Geological Interpretation Poster of the Madura Province section of the Eucla-Gawler Seismic Line (13GA-EG1E) was compiled by Wise, TW (Geological Survey of South Australia) based on interpretations by Spaggiari, CV, Dutch, RA, Doublier, MP, Gessener, K, Thiel, S, Pawley, MJ, Kennett, BLN, Smithies, RH, Clark, DJ, Holzschuh, J, Kernnet, BLN, Smithies, RH, Wise, TW, Clark, DJ, Holzschuh, J. Contributions also by many individuals and researchers from the Geological Surveys of South Australia and Western Australia. Cartography by Geological Survey of South Australia, Department of State Development. Published 20th June 2016. Any reference to, or reuse or distribution of all or part of this work must include the following attribution: Wise, TW, Spaggiari, CV, Dutch, RA, Doublier, MP, Gessener, K, Thiel, S, Pawley, MJ, Kennett, BLN, Smithies, RH, Clark, DJ, Holzschuh, J. 2016. Geological Interpretation Poster of the Madura Province section of the Eucla-Gawler Seismic Line (13GA-EG1). Australian Earth Sciences Convention, Adelaide, June 2016. © 2016 Government of South Australia.

Simplified Structural Interpretation Legend

- Dyke
- Fold, antiform
- Fold, synform
- Major Shear Zone
- Shear Zone
- Fault

0 15 30 60 90 120 Kilometers



PRELIMINARY EDITION
SUBJECT TO AMENDMENT

