



THURSDAY 27 NOVEMBER 2025
PROGRAM

SESSION 1	STATE OF PLAY Session chair: Bronwyn Camac
Welcome to Country Uncle Mickey	
Opening address Paul Martyn, Department for Energy and Mining	
GSSA Director's 2025 highlights Bronwyn Camac, Department for Energy and Mining	
More and easier - Improving access and availability of geoscience data Christie Gerrard, Department for Energy and Mining	
Upstream energy in South Australia: a 2025 update Chris Cubitt, Department for Energy and Mining	
My graduate journey with GSSA Joanne Ciancio, Department for Energy and Mining	
SESSION 2	NEW GEOSCIENCE: TOOLS AND APPLICATIONS Session chair: Adrian Fabris
Results of the Northern Gawler NDI drilling campaign to date Claire Wade, Department for Energy and Mining	
Rare earth elements secondary prospectivity of mine waste in South Australia Francesco Colombi, Environmental Geochemistry International (EGi)	
Update on GSSA's Paleovalley mapping: Paleovalley characteristics and mineral potential of the northwestern Gawler Craton Baohong Hou, Department for Energy and Mining	
HyLogger Review 2025 - transitioning to a new era Alicia Caruso, Department for Energy and Mining	
Monazite U-Th-Pb age mapping: a tool to understand complex metamorphism Alex De Vries Van Leeuwen, Department for Energy and Mining	
SA Geology: Laying the groundwork for an integrated approach to geological mapping Jonathan Irvine, Department for Energy and Mining	



THURSDAY 27 NOVEMBER 2025
PROGRAM

SESSION 3

NEW GEOSCIENCE: TECTONICS THROUGH TIME

Session chair: Liz Jagodzinski

Curnamona Cube

Graham Heinson, Adelaide University

Remote Mapping in the Northern Gawler Craton: Ooldea to Oolgelima

Jack Percival, Department for Energy and Mining

Paleo to Mesoproterozoic tectonic evolution of the Coober Pedy Domain (northern Gawler Craton)

Rashed Abdullah, Department for Energy and Mining

The Penong Complex: a new unit with big implications for the Nuyts Domain

Mark Pawley, Department for Energy and Mining

Updated stratigraphic framework for magnetite deposits in the Gawler Craton

Mitchell Bockmann, Department for Energy and Mining

SESSION 4

THE GEOSCIENCE OF OUR COMMODITIES

Session chair: Tom Wise

Delamerian mineral systems and mineral potential

Yanbo Cheng, Geoscience Australia

An introduction to the Mineral Database (MinDep), a key to unlocking information of the state's prospectivity

Rhiannon Lord, Department for Energy and Mining

Data Metallogena – The value of representative geological collections

Peter Keller, Department for Energy and Mining

GSSA's new ventures across the Eyre Peninsula

Carmen Krapf, Department for Energy and Mining

Closing remarks