

**WASM Conference Centre  
Thursday 20 March 2025**

**GSWA  
Big Day<sup>Out</sup>  
2025**



**Doors open 08:00–08:30**

### Session one

- 08:30** Opening statement – Michele Spencer, Executive Director.
- 08:40** Welcome to Country – Aubrey Lynch, Wongatha Elder.
- 08:45** GSWA driving innovation and unlocking potential in mineral exploration – Fawna Korhonen, A/Director Geoscience.
- 09:00** The EIS and discovering tomorrow's ore bodies – Charlotte Hall, General Manager Investment.
- 09:10** Geochronology and geochemistry driving mineral exploration success – Rose Turnbull, Manager Analytical Data Acquisition.
- 09:20** Discovering the next ore body through open file data – Julia Thom, Manager Mineral Exploration Information.
- 09:40** Seismic shifts in discovery: an update on WA Array – Ruth Murdie, Manager Earth Imaging and Observation.

**Morning tea 10:00–10:20 – WASM Graduation Hall**

### Session two

- 10:20** Discovery of the Hercules Gold Deposit, Kalgoorlie – Sam Maloney, Senior Geologist Discovery, Northern Star Resources.
- 10:40** New stratigraphic, geochemical, and geochronological insights of the Norseman greenstone belt – Jyotindra Sapkota, Senior Geologist.
- 11:00** Geology and mineralisation of the Invincible Gold Deposit – Jay Stafford, Senior Exploration Geologist, Gold Fields Australia.
- 11:20** Yilgarn Craton geophysics and geochemistry advancing the discovery of hidden ore bodies – Klaus Gessner, Chief Geoscientist.

**Dr Jack  
Hallberg's  
geological maps  
of the Yilgarn  
Craton will be  
on display.**

**Lunch 11:40–13:00 – WASM Graduation Hall**

### Session three

- 13:00** Lithium pegmatites in Western Australia – Hugh Smithies, Manager Geoscience Mapping and Mineral Systems.
- 13:20** Exploring the Mt Marion Deposit: geological perspectives and discoveries – Will Candish, Principal Geologist - Project Generation, Mineral Resources.
- 13:40** The intrusion-hosted nickel system in the Mineral System Atlas – Lauren Grech, Senior Geologist.
- 14:00** Structural influences on komatiite nickel-sulphide systems across time and scale, examples from the Widgiemooltha District – Michael Outhwaite, Director and Principal Consultant, Lithify Pty Ltd.

## Afternoon tea 14:20–14:40 – WASM Graduation Hall

### Session four

- 14:40** West Yilgarn: the untapped potential of a hidden craton margin – Raphael Quentin De Gromard, Senior Geologist.
- 15:00** Gonneville and Broader Julimar Complex – Matthew Demmer, Principle Research Geologist, Chalice Mining Limited.
- 15:20** Understanding thermal controls on Archean cratonisation and ore body formation – Fawna Korhonen, A/Director Geoscience.
- 15:40** Mt Weld Global REE context and future – Marcelle Watson, Production Manager, Lynas Rare Earths Limited.



## Networking 16:00–16:30 – WASM Graduation Hall

- 16:30** Understanding the early Earth: the volcanological, paleoenvironmental, and tectonic evolution of the Archean Kalgoorlie Terrane LIP, WA, and geodynamic implications for the Yilgarn Craton – Ray Cas, Emeritus Professor, Monash University.

## Networking 17:30 onwards – WASM Graduation Hall



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