

AUSTRALIA MINERALS

REALISE THE OPPORTUNITY



PDAC 2024 PRESENTATIONS

AUSTRALIA PRESENTATION DAY: WORLD-CLASS MINERAL EXPLORATION, INNOVATION AND INVESTMENT OPPORTUNITIES

Room 205D, North Building, Monday 4 March, 8:30 am–3:30 pm
Registration not required

8:30 am	WORLD'S BEST DATA PRODUCING THE WORLD'S BEST RECORD OF DISCOVERY Presented by Australia Minerals
	<p>Chair: Andrew Heap, Chief of Minerals, Energy and Groundwater Division, Geoscience Australia</p> <p>Australia's precompetitive advantage Allison Britt, Director, Mineral Resources Advice and Promotion, Geoscience Australia</p> <p>Exploration boom! The impact of precompetitive data Ian Scrimgeour, Executive Director, Northern Territory Geological Survey</p> <p>Precious legacy: geological survey data de-risking exploration Andrew McNeill, Chief Government Geologist, Mineral Resources Tasmania</p> <p>Discovering and visualising massive precompetitive data at multiple scales Steve Micklethwaite, Associate Professor, Sustainable Minerals Institute, University of Queensland</p> <p>What comes next? Thriving in a net zero economy Tony Knight, Chief Government Geologist, Geological Survey of Queensland</p> <p>Q&A</p>
9:20–9:45 am	Networking break (refreshments provided)
9:45 am	NEW APPROACHES FOR CRITICAL MINERAL DISCOVERY AND CHARACTERISATION Presented by CSIRO
	<p>Introduction to CSIRO Mineral Resources Sandra Occhipinti, Research Director, Discovery, CSIRO Mineral Resources</p> <p>REE's characterisation, deportment, discovery and new research and technology developments Mark Pearce, Research Director, Characterisation, CSIRO Mineral Resources</p> <p>Discovery for critical minerals Sandra Occhipinti, Research Director, Discovery, CSIRO Mineral Resources</p> <p>Q&A</p>
10:45–11:00 am	Networking break (refreshments provided)

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11:00 am	ENERGISING THE ENERGY TRANSITION: ACROSS THE BATTERY MINERALS SPACE IN AUSTRALIA Presented by Australia Minerals
	<p>The battery minerals sector in Western Australia Richard Chopping, Manager Geoscience Mapping Through Cover, Geological Survey of Western Australia</p> <p>IGO's role in making the energy transition Suzanne Hunt, General Manager Exploration, IGO Limited</p> <p>Queensland battery materials Tony Knight, Chief Government Geologist, Geological Survey of Queensland</p> <p>Vanadium redox flow battery technology Tom Plant, Chief Financial Officer, Australian Vanadium Limited</p> <p>Powering tomorrow: Unveiling the rich potential of battery minerals in South Australia Bronwyn Camac, Director, Geological Survey South Australia</p> <p>Q&A</p>
12:15–1:00 pm	Lunch break (refreshments provided)
1:00 pm	BRINGING NEW EXPLORATION TECHNOLOGY TO MARKET Presented by MinEx CRC
	<p>MinEx CRC overview Andrew Bailey, CEO, MinEx CRC</p> <p>Innovative CT and conventional drilling technology that will deliver 50% productivity improvement Cameron Jackson, Drilling Operations and Commercial Manager, MinEx CRC</p> <p>Downhole LIBS, swept frequency EM and seismic with optic fibres for decision-making and efficient targeting David Giles, Chief Scientific Officer, MinEx CRC</p> <p>Augmented reality core logging: multi-user interactive core logging enhanced with data overlay David Giles, Chief Scientific Officer, MinEx CRC</p> <p>Q&A</p>
1:45–2:30 pm	Networking break (refreshments provided)



2:30 pm	TOWARD NET ZERO: MINERALS INVESTMENT OPPORTUNITIES IN AUSTRALIA Presented by Australia Minerals
	<p>Welcome and overview Catherine Haar, Geologist—Development, Geological Survey of Victoria</p> <p>The strategic position of the Nyngan Scandium Project in NSW Peter Evensen, Chief Executive Officer, Scandium International</p> <p>Unlocking rare earth elements from Victoria's world-class mineral sands Mark Saxon, Executive Director, ACDC Metals</p> <p>Castile Resources—downstream critical minerals produced in Australia Mark Hepburn, Managing Director, Castile Resources</p> <p>The Australian Vanadium Project Tom Plant, Chief Financial Officer, Australian Vanadium Limited</p> <p>CopperCorp: exploring for copper-rare earths in Tasmania Stephen Swatton, Chief Executive Officer and Director, Copper Corp Resources Inc.</p> <p>The Siviour Graphite Project: Battery anode material from Australia David Christensen, Managing Director, Renascor</p> <p>Copper South Australia—Think & Act Differently. Powered by BHP Jared Townsend, Principal Geophysicist, BHP Innovation and Ventures, BHP</p> <p>Q&A</p>
3:30–4:00 pm	Networking (refreshments provided)

PRESENTATION OF INTEREST TECHNICAL SESSION

Sediment-hosted copper deposits: A key component of the green energy transition?

Room 716, 10:00 am–12:00 pm, Tuesday 5 March

TUESDAY	SPEAKER
10:48 am	<p>Applying an energy system approach to unravel sedimentary-hosted mineral deposits in the world-class Olympic IOCG province of South Australia Carmen Krapf, Team Leader Mineral Systems & Resources, Geological Survey of South Australia</p>

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AUSTRALIA PAVILION PRESENTATIONS

Australia Minerals booth, Trade Show South

SUNDAY	SPEAKERS
11:00 am	The Atlas of Australian Mine Waste Allison Britt, Director, Mineral Resources Advice and Promotion, Geoscience Australia
1:00 pm	New rare earths, graphite and lithium opportunities in Australia's Northern Territory Ian Scrimgeour, Executive Director, Northern Territory Geological Survey
2:00 pm	Geoscience data delivery: Delivering future tools to enable data-driven exploration and discovery Christie Gerrard, Manager, Geoscience Information and Delivery, Geological Survey of South Australia
3:00 pm	Critical mineral opportunities Andrew McNeill, Chief Government Geologist, Mineral Resources Tasmania
MONDAY	
8:30 pm–3:30 pm	Australia Presentation Day: World-class mineral exploration, innovation and investment opportunities, Room 205D, North Building
TUESDAY	SPEAKERS
11:30 am	Investing in Queensland. Critical minerals opportunity Shaun Ferris, Deputy Director-General, Georesources, Department of Resources, Queensland Government
12:00 pm	Un-covering Tasmania: Pre-competitive data to de-risk exploration Andrew McNeill, Chief Government Geologist, Mineral Resources Tasmania
1:00 pm	Victoria: an emerging critical minerals opportunity Catherine Haar, Geologist—Development, Geological Survey of Victoria
2:00 pm	Let's get critical: Critical mineral opportunities in South Australia Carmen Krapf, Senior Principal Geologist, Geological Survey South Australia
3:00 pm	Western Australia's critical minerals Ben Laidler, Director Mineral and Energy Resources, Geological Survey Western Australia