

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	<p>WORLD'S BEST DATA PRODUCING THE WORLD'S BEST RECORD OF DISCOVERY Presented by Australia Minerals</p>
	<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	<p>NEW APPROACHES FOR CRITICAL MINERAL DISCOVERY AND CHARACTERISATION Presented by CSIRO</p>
	<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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<p>11:00 am</p>	<p>ENERGISING THE ENERGY TRANSITION: ACROSS THE BATTERY MINERALS SPACE IN AUSTRALIA Presented by Australia Minerals</p>
	<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>
<p>12:15–1:00 pm</p>	<p>Lunch break (refreshments provided)</p>
<p>1:00 pm</p>	<p>BRINGING NEW EXPLORATION TECHNOLOGY TO MARKET Presented by MinEx CRC</p>
	<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>
<p>1:45–2:30 pm</p>	<p>Networking break (refreshments provided)</p>



Australian Government
Geoscience Australia



Australian Government
Australian Trade and Investment Commission



AUSTRALIA



NSW
GOVERNMENT



GOVERNMENT OF
WESTERN AUSTRALIA

Department of Energy, Mines,
Industry Regulation and Safety



VICTORIA
State
Government
Australia



SOUTH
AUSTRALIA



Government
of South Australia
Department for
Energy and Mining



Queensland
Government
Australia



Tasmanian
Government



AUSTRALIA'S
NORTHERN
TERRITORY

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>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>



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
12:00 pm	Copper South Australia—Think & Act Differently. Powered by BHP Jared Townsend, Principal Innovation, Product Development, Think and Act Differently, BHP
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