

# 2021 QUEENSLAND EXPLORATION COUNCIL TECHNICAL FORUM

*‘Exploration Initiatives for the Future’*

## PROGRAM

19 FEBRUARY 2021 | STAMFORD HOTEL

# WELCOME

Welcome to the 2021 Queensland Exploration Council (QEC) Technical Forum.

The Queensland Exploration Council is proud to present the 6th annual QEC Technical Forum with the theme “Exploration Initiatives for the Future”. After a year with very few events due to COVID-19, we are especially pleased to be able to bring Queensland’s exploration industry together again to discuss the future of our industry and progress made through innovation.

Today we will hear from 18 experts from industry, government and academia, which will deep dive into sessions on hydrogen, the Collaborative Exploration Initiative early results, advice and lessons learned from the field and critical minerals - exploration for the future.

Knowledge sharing is key to unlocking the vast potential of our resource rich state, and I hope today’s forum will encourage further innovation and inspire the audience.

Content from today’s event will be published on the Queensland Resources and Exploration Gateway, [www.QUREX.com.au](http://www.QUREX.com.au). IT is a one stop shop for everything exploration in Queensland. Here we share the latest about Queensland exploration, investment and innovation. If you wish to have content published on QUREX, please reach out to QEC.

The QEC is looking forward to hosting more events this year, including QE Connect lunch series and the QEC Investment Showcase throughout the year.

I hope you enjoy today’s forum.

Sincerely



Kim Wainwright  
QEC Chair



# PROGRAM

## SESSION 1 - INDUSTRY UPDATE AND HYDROGEN

*Chaired by Professor Rick Valenta*

TIME	PRESENTER	TOPIC
9.00am	<b>Kim Wainwright</b> QEC Chair	Welcome
9.05am	<b>Mike Kaiser</b> Acting Director-General, Department of Resources	Keynote address Vision for future exploration in Queensland
9.15am	<b>Rob Murdoch</b> Executive Director, Austex Resource Opportunities Pty Ltd	ASX resource sector update and outlook
9.40am	<b>Professor Andrew Garnett</b> Director, University of Queensland Centre of Natural Gas	Hydrogen energy update
10.05am	<b>Felicity Underhill</b> General Manager, Future Fuels, Origin Energy, Director and Deputy Chair, Australian Hydrogen Council	How to think about hydrogen amidst all the hype
10.30am	<b>MORNING TEA</b> (approx 30 minutes)	



## SESSION 2 - COLLABORATIVE EXPLORATION INITIATIVE

Chaired by Kim Wainwright

TIME	PRESENTER	TOPIC
11.00am	<b>Rhys Davies</b> CEI Grant Manager, GSQ	Update on Collaborative Exploration Initiative
11.10am	<b>Dan Johnson</b> Exploration Manager, Aeon Metals	Update on Aeon Metals project progress and results
11.30am	<b>Chris Bucknell</b> Lab Manager, Brisbane Met Labs	Update on Vecco Group project progress and results
11.50am	<b>Steve Harper</b> Geology Manager, Red River Resources	Update on Red River Resources project progress and results
12.10pm	<b>Matthew Haindl</b> Managing Director, Dover Castle Metals	Update on Dover Castle Metals project progress and results

12.30pm	<p><b>LUNCH</b> (approx 60 minutes) Proudly sponsored by Herbert Smith Freehills</p> <p>Lunch speaker - Alison Dodd, Partner, Herbert Smith Freehills, Melbourne</p>	
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## MANY THANKS TO OUR LUNCH SPONSOR



### Herbert Smith Freehills

Herbert Smith Freehills is one of the world's leading mining law firms. Our dedicated global team works with clients of all sizes, in many geographical regions, and at every stage of mine life – we get to see a lot. Drawing on our deep industry expertise, we help our clients find solutions on all aspects of mining: from exploration and approvals through to social licence issues, M&A, financing, mine development and construction, process plants, infrastructure, shipping, marketing, productivity improvements and mine care and maintenance or closure.

Our clients trust us with their most important transactions, disputes and projects because of our ability to cut through complexity and propose bespoke solutions that take into account our clients' everyday operations. Our industry knowledge is also second-to-none. We know that with the scale and timeframes of investment in the mining industry, our clients need us to be looking ahead, helping them to plan for future reform and developments in the regulatory and business environment before they arise.

We also provide highly strategic, board-level advice to assist on innovative and first-of-a-kind projects. We tackle the big issues within the mining industry to drive market reform, such as responding to the implications of climate change. More and more, we are guiding clients in their move toward automation and the varying ways to take advantage of the technology available across the industry.



## SESSION 3 - LETTER TO GRADUATE SELF

*Chaired by Dr Anita Parbhakar-Fox*

TIME	PRESENTER	TOPIC
1.30pm	<b>Loren Nicholls</b> Senior Exploration Geologist, Global Ore Discover	A career reflection and advice to 'graduate self'
1.40pm	<b>Kylie Prendergast</b> Partner, Petram Capital, MD Mining Associates	A career reflection and advise to 'graduate self'
1.50pm	<b>Derek Hoy</b> Geoscientist, Department of Resources	A career reflection and advise to 'graduate self'
2.00pm	<b>Professor Steven Micklethwaite</b> Principal Research Fellow - Geology, Sustainable Minerals Institute	A career reflection and advise to 'graduate self'
2.10pm	Panel session	An opportunity for students and audience to ask the speakers questions. People joining us online can submit questions via Q&A section
2.30pm	<b>Dr Helen Degeling</b> Director Minerals Geoscience, Geological Survey of Queensland, Department of Resources	An update from Geological Survey of Queensland
2.50pm	<b>AFTERNOON TEA</b> (approx 30 minutes)	



# SESSION 4 - CRITICAL MINERALS, EXPLORATION FOR THE FUTURE

Chaired by Professor Rick Valenta

TIME	PRESENTER	TOPIC
3.20pm	<p><b>Lindsay Ross</b> Director, Cherryvale Partners</p> <p><b>David Becknett</b> Director, Rockleigh Energy</p>	A view into the future energy enterprise
3.40pm	<p><b>Associate Professor Paul Gow</b> Acting Group Leader - Total Deposit Knowledge, WH Bryan Mining and Geology Research Centre, Sustainable Minerals Institute</p>	A deep dive into the North East Queensland mineral deposit atlas
4.00pm	<p><b>Dr Anita Parbhakar-Fox</b> Senior Research Fellow, Sustainable Minerals Institute, University of Queensland</p>	Exploring Queensland's mine waste: the search for new economy metals
4.20pm	Panel discussion	An opportunity for the audience to ask the speakers questions. The online audience can submit questions via Q&A section
4.50pm	Close	
5.00pm - 6.00pm	<b>NETWORKING EVENT</b>   Foyer, Stamford Plaza ballroom   includes drinks and finger food	



The journalists behind iQ Media Group have been publishing in the Queensland mining space for more than 15 years. There are currently six digital mastheads; the parent, iQ Industry Queensland, includes two daily updates on all breaking news. There is news by sector in the form of the

twice-weekly bulletins Mining North and iQ Coal and the people publications, also twice-weekly with iQ Geo covering news and professional development and Miner's Life, a FIFO publication.

Please go to [www.i-q.net.au](http://www.i-q.net.au) to subscribe.



# MANY THANKS TO OUR SPONSORS

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Carter Newell are trusted advisors to a diverse client base across the mining, oil & gas, power and renewables sectors.

We provide assistance across the full risk spectrum and lifecycle of a project, from asset acquisition, joint venture formation and project start-up, through commercialisation of the asset and management of the operational phase, up to final decommissioning and rehabilitation.

Our focus on providing commercial solutions to legal problems in a timely and cost-effective manner has allowed us to build long-term relationships with an enviable list of clients, from some of Australia's biggest petroleum and mining companies to many smaller, exploration focussed entities.

### Contact

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## Map to Mine



Map to Mine can provide complete turn-key services in mineral exploration, data management, data compilation and interpretation, and geological reporting across Australia and beyond.

Based in Townsville, Map to Mine offers quality, personalised services to the exploration industry. Our office and warehouse in South Townsville has an extensive range of highly skilled personnel, field equipment and a 4WD vehicle fleet which enables the efficient management of mineral exploration projects on virtually any scale.

Mick Clarke and Dee Rodwell established Map to Mine in 2006.

Our depth of knowledge and complementary skills are augmented by many years experience working together in the exploration industry.

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## GeoDrill Australia

GeoDrill Australia is an exploration, geotechnical and water bore drilling company based on the Sunshine Coast, Queensland.

Our prime objective is to deliver a safe working environment, whilst providing high quality, diverse and reliable drilling services. We pride ourselves on our core values of safety, family, passion, accountability and innovation.

*"We believe in providing a service in the safest way possible, which is economical and environmentally sustainable. Excellence and safety is at our core."*

### Contact

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## SRK Consulting

SRK Consulting is  **srk consulting** an independent, international consultancy providing focused advice and solutions to the resources industry. We offer services for the entire life cycle of a mining project, from exploration to closure.

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# NOTES

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