

Headlines

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PAST EVENT: Technical Meeting Monday 13 August 2018

Venue: The Celtic Club, 48 Ord St, West Perth

Speaker: Owen Rayner - Senior Specialist - Mining & Resources, Corporations
Rhian Richards - Senior Manager, Corporations

Topic: The Minefield of Mining Disclosures: A Regulator's Perspective

Sessions Summary

Mining companies face one of the most complex disclosure regimes in Australia with practitioners required to navigate industry codes, Listing Rules and the requirements of the Corporations Act. In this session ASIC will present on the role of the Corporations Act in mining disclosures, including discussion on the regulator's perspective, understanding 'reasonable basis' and common pitfalls observed in practice. Presenting the session will be Rhian Richards and Owen Rayner of ASIC's Perth office.

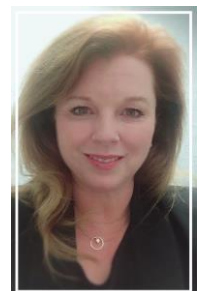
Speaker:

Owen is a lawyer and Chartered Accountant with over 10 years experience in the mining sector across operations, finance and regulatory roles. As Senior Specialist - Mining & Resources, Owen has national oversight ASIC's regulation of mining and resource corporate finance transactions and policy initiatives relating to the resources sector. Currently, as the Senior Manager for the ASIC Corporations team in Perth, she manages a team of professional staff, providing oversight on the regulation of corporate finance transactions, continuous disclosure, corporate governance and financial reporting. This role includes developing and maintaining strong working relationships with a wide range of industry and government stakeholders.



Speaker:

Rhian is a qualified accountant, with post graduate qualifications in Applied Finance & Investment and Business Administration. Her key skills include: Strategy & Policy, Governance, Risk Management (in particular Financial Crime, Compliance & Conduct risk).



Where:

The Celtic Club
48 Ord St
West Perth

Cost:

Free for all Attendees

Includes:



Networking from 5:00pm
Technical Talk from 6:00pm



This technical meeting is brought to you by The AusIMM Perth Branch and is worth 1 PD hour



Delprat Lecture - 2018


This year's Delprat Lecture will be broadcast on the web from Brisbane, due to the travel restrictions for our speaker Professor Geoffrey Blainey. The timing of the lecture will be **4:30-6:30pm (Perth broadcast)** fed live from 6:30-8:30 pm in Brisbane on **Tuesday 28 August**. The broadcast will be a live feed over YouTube, and open to all AusIMM members. The Perth branch is organising a venue for members who may be interested in viewing the broadcast as a group, and details for the location as well as how to access the feed will be sent to members as soon as they are finalised. Follow this [link](#) to register.








DISTINGUISHED LECTURE SERIES



 Tuesday 28th August 2018

 6.00pm for 6.30pm start

 Brisbane Convention & Exhibition Centre
Cnr Merivale & Glenelg Streets
South Bank, Brisbane, Qld
OR
View the internet live stream

 Free for members and non members

REGISTER HERE 

1  **LIVE** 

Guest Speaker:

Professor Geoffrey Blainey AC





To celebrate the AusIMM's 125th Year Anniversary, the AusIMM Metallurgical Society GD Delprat Lecture will be delivered by preeminent historian Professor Geoffrey Blainey.

Geoffrey Blainey is one of Australia's most significant historians. His impeccably researched presentations delivered with humour, reveal breathtaking insight. His vast knowledge and historical understanding reinforce his growing reputation as a futurist in both the economic and business milieu and on social and political trends.

Professor Blainey's lecture will be a historically themed commentary of the Australian mining industry, with a highlight being his memories of personally meeting with GD Delprat and other mining luminaries in the 1950's.

This year's lecture will only be presented in Brisbane. For those unable to be in Brisbane there is an option of live streaming to your phone, tablet or computer and the recording will be available afterwards.

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ROVING REPORT

Dear Member,

As I read over my notes for this month's missive, I am reminded of the title of a deliciously tongue-in-cheek BBC Radio Series "Bleak Expectations" – best described as a pastiche of the works of Dickens which parodies several of his plot devices such as cruel guardians, idyllic childhoods interrupted, lifelong friendships, earnest young people, together with a highly surreal humour in the best tradition of the Goon Show. Characters such as the evil and inappropriately named Mr. Gently Benevolent – the Hero (Philip (or Pip) Bin's nemesis who he constantly tries to thwart); Benevolents' equally evil family dysasties of the The Hardthrashers, Sternbeaters and Whackwallops who serve as his accomplices. Too much like the uncertain world of today's politics for comfort, I fear!



Certainly there's not been a lot of "good news" around as I apply my quill pen to paper once again, but here goes anyway.

Something rather unusual to cover this month by way of South American country as I shift perspective for a change to the world of mining in Bolivia. Not much good news comes from there these days on many fronts, not least in the mining industry, and specifically not since left-wing President Morales seized mining assets (including from Glencore, which has filed for arbitration) when he first took over power. Now private investment in this and many other sectors has crashed.

State mining company Comibol has, however, been receiving a good deal of government investment, but is in turn faced with declining production, a chunk of which comes from stealing – specifically from its underground tin mine and associated plants, Huanini. And not just any old pocketing of a few kilos of concentrate; so much so that a State of Emergency was declared as about a third of its production apparently regularly disappears. It is known locally as "juqueo" (play) but it's far from that. Thieves supposedly set off an explosion that left 10 workers dead in April to show their contempt for tighter controls to prevent theft and large contingents of the army have been drafted in to restore some semblance of order. A major strike took place last year as workers rejected plans to reduce the workforce.

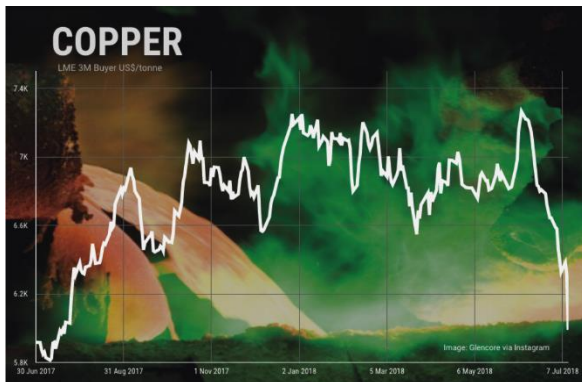


Back in Chile, potential strikes are again on the horizon. Labour negotiations at Minera Escondida Ltda (MEL) appear to be frozen without agreement just over a week before the current contract expires.

The union (Sindicato 1) rejected MEL's offer which was said to include a large bonus, incentives, health care improvements and salary adjustments. Last year's strike lasted over six weeks and damaged Chile's economy, so no-one really wants to see a repeat.

At Codelco, collective bargaining agreements seem to have been reached with some unions at Salvador and Andina – again with the payment of large bonuses, changes to shift systems and improved education and housing benefits. The future of these two mines is dependent upon bringing in technological improvements

and meeting goals of higher productivity. This against a background of a drop in the price of copper – mainstay of Chile's economy. Donald Trump's election gave a boost to the price of copper only a few heady months ago as investors saw a pro-business and pro-mining agenda being rolled out. Now as ever more mercurial tweets (including those in pure CAPITALS) create market havoc, who knows where copper might go now that the Donald has chosen to wage global Trade Wars as part of his "Make Me (Look) Great" and "Me First" policies.



Copper has recently sunk to an almost one-year low, a drop of 16% from June's highs. All the major metals were in the red last week as Trump unveiled tariffs on anywhere between \$200 and \$500 billion worth of Chinese-made imports. Many mining stocks also took a hit; uncertain times ahead for us all.

Both Bolivia and Chile are host to some of the world's largest Lithium resources. However, Argentina beats both of them and furthermore is encouraging investment and steaming ahead with new projects. Posco alone is said to be investing nearly half a billion dollars in Argentinean lithium projects. Local communities appear to have been more receptive to investment and we haven't seen the strong social opposition to mining projects per se as experienced in Chile and Peru.

Certainly Argentina has a much more investor-friendly legal system in relation to concessions, particularly in the provinces of Jujuy, Salta and Catamarca. As a measure of red tape, it is believed that whilst the average number of permits in Argentina might be some 25, a comparative number in Chile could be a staggering 700 for medium-sized mining projects according to Chile's mining minister Baldo Prokurica.



So to end on a "glass half full" note, there is good news for Chile of moving in the right direction. Foreign Direct Investment (FDI) hit nearly \$8.5 billion in Quarter 1, nearly 25% higher than for the whole of 2017. President Sebastian Piñera has set a target of increasing investment by 6-7% during his (second) term and has specifically introduced new laws to cut red tape. We shall await with bated breath....and hope for better news next month.

Saludos cordiales from a very cold morning (-3°C) in Santiago.

Richard F. Dewhirst FAusIMM(CP) cavallhao@gmail.com (skype : richarddewhirst1): +56 9 3201 5500



Government of Western Australia
Department of Mines, Industry Regulation and Safety

Mines Safety Bulletin No. 152

Subject: Hazards associated with accessing unoccupied mines for recreational Purposes

Date: 22 June 2018

Background

Mines are designed, constructed and maintained to be safe while in operation. However, once work ceases, mines can fall into disrepair and become increasingly hazardous. Some mines may not be active and are under 'care and maintenance' or 'suspension' while others remain undocumented or unknown.

Unoccupied mines can present a serious hazard to anyone participating in recreational activities such as swimming, abseiling, rock climbing, hiking, dirt biking, using water-going equipment or driving off-road. There have been several fatal accidents after unauthorised access (whether intentional or inadvertent) of unoccupied mines by members of the public for recreational purposes.

- In 2018, a jet skier suffered serious injuries in a collision with another jet skier on a body of water in an open cut mine. He died on the way to hospital.
- In 2017, a man suffered serious injuries and drowned after jumping into water at a disused quarry.
- In 2016, four people entered an open cut to go jet skiing on the body of water in an open pit.
- One of the people walked along the highwall of the pit and fell in, suffering fatal injuries.
- *Note: Highwalls are the excavated near-vertical cliffs in surface pits and quarries.*
- In 2015, human remains were found at the bottom of a mineshaft. They were confirmed to be the remains of a missing prospector.
- In 2011, a woman died after falling into a quarry. Her photographic equipment was located nearby.



Hazards associated with water-filled unoccupied open pits may be less obvious. Hazards may include unstable highwalls around the pit and hidden obstacles beneath the water's surface.

Summary of hazard

Many hazards associated with unoccupied mine sites may not be obvious, but can pose serious risks to anyone entering. Hazards include:

- water (e.g. low temperatures, high alkalinity, high acidity, microbial contamination)
- rockfalls and roof collapses [e.g. unstable highwalls, rotting timbers and unstable rock]
- formations in horizontal mine openings (adits)]
- hidden vertical shafts and edges of highwalls
- dangerous atmospheres [e.g. oxygen deficient air, unsafe levels of poisonous gases such as methane (CH₄), carbon monoxide (CO) and hydrogen sulfide (H₂S)]
- radioactivity [e.g. naturally occurring radioactive decay product such as radon gas (Rn)]
- unstable explosives (e.g. ageing and deteriorating blasting caps)
- dangerous chemicals (e.g. cyanide, arsenic and mercury leaking from deteriorating containers)
- wildlife (e.g. snakes).



Abandoned mine workings, showing underground tunnel (A) and vertical shaft opening (B).

Contributory factors

- Inadequate barricading or signage to existing workings.
- Deterioration of safety signage.
- Unidentified or obscure existing workings (e.g. hard-to-see vertical shafts).
- Poor visibility (e.g. darkness inside mines, hidden hazards under water).
- Deliberate disregard of safety signage or barricading by members of the public.
- Use of social media to promote an unoccupied mine site for recreational purposes.

Actions required

Report any damaged fencing, gates or bunds at unoccupied mine sites to the Department of Mines, Industry Regulation and Safety, on 1800 SAFE MINE (1800 7233 6463).

By mining companies and mine owners:

The following actions are recommended:

- Maintain fences, gates, bunds and barricades to prevent unauthorised access.
- Periodically assess the adequacy of signage, fencing and bunding.
- Consider initiating prosecution under trespassing laws.
- Track social media posts that encourage access to their unoccupied sites and post cautions.

By the public:

Members of the public are reminded that unoccupied mines should not be accessed for recreational purposes. Access is not safe and there is no infrastructure or support on site for emergency response to incidents. To ensure the safety of members of the public, the following actions are recommended:

- Stay away from unoccupied mine sites.
- Take precautions when travelling into unfamiliar areas (e.g. check with appropriate authorities).
- Do not remove or break down fences, gates, bunds or barricades to gain access.

Further information

- Department of Mines, Industry Regulation and Safety, Mining safety publications, http://www.dmp.wa.gov.au/Documents/Safety/MSH_SB_152.pdf

Old mine workings – pamphlet

Danger of old mine workings (web page)

This Mines Safety Bulletin was approved for release by the State Mining Engineer on 22 June 2018



OUT AS A STAND ALONE EMAIL

PULL OUT OF NEWSLETTER AND HAVE SENT

AusIMM Perth Branch partnership with CORE

The AusIMM Perth Branch has committed to a 12-month Network Partner agreement with CORE Innovation Hub in the Perth CBD.

As part of this agreement, Perth Branch members together with visiting Western Australian members are invited to access and utilise a managed, co-working 'hot desking' space, located on the Ground Floor and Basement level of 191 St George's Terrace, Perth.

The purpose of this 12-month arrangement is to encourage inter/intra-member networking, expose members to ongoing collaboration initiatives and strengthen a wide range of partnership and innovation opportunities across the resources sector.

This facility offers 'hot desk' options – desk, quiet corner (including kitchenette and complimentary WiFi) together with access to CORE's event programs.

With a view to accelerating professional development, the Perth Branch will continue hosting its Masterclass Series at the CORE venue, where other events such as hackathons, presentations, sundowners and workshops will also be held.

AusIMM Western Australian members are also encouraged to attend the following regular events:

- **Member Monday Morning Tea:** 10am every Monday in the CORE entrance. [Start the week sharing news and ideas with other members] BYO coffee.
- **Member Happy Hour:** 4.30pm every Friday.
- **Meet the Innovator:** 5pm on the first Wednesday of the month in the Basement. [Each month a guest Innovator shares insights about their work, global opportunities and professional journey].

For both under-utilised and over-utilised members, a significant benefit of co-working is the opportunity it provides to forge new connections. With this in mind, please do introduce yourself to others in the space.

Member Access

Members can arrange access to CORE's facilities for up to one day at a time. To take advantage of this opportunity, email PerthCore@ausimm.com.au at least one day before you plan to work from CORE, with the date and time you require access

Technical Talk Downloads and DVDs

Dear Members,

All Technical Talks up to February 2014 are filmed and are available for downloading free to members. Please see the AusIMM Shop or AusIMM YouTube channel for these talks.

Selected talks after Feb 2014 have been recorded as podcasts, with accompanying PowerPoint slides. Please contact the branch directly (perth@ausimm.com.au) for details.

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Perth Women's Auxiliary

- Postal Correspondence
Barbara Steemson is now the person to contact for **ALL** information, enquiries or to give apologies.
- Email Correspondence
Lorraine Mackay will monitor the email correspondence and forward as necessary.

Perth Women's Auxiliary Committee 2015

President	Barbara Steemson
Main Contact, Gifts & Speakers	Barbara Steemson
Vice President/Minutes Secretary	Rosemary Morrow
Administration Secretary	Lorraine Mackay
Treasurer	Lesley Player
Committee	Valmai Farthing
Committee	Heidi Hardy
Committee	Rae Flanagan
Email correspondence to: ausimmpwa@westnet.com.au	

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Advertisements Size	Per Issue/month
Full page (A4):	\$440 (gst excluded)
Half Page	\$220 (gst excluded)
Third Page	\$143 (gst excluded)
Quarter Page	\$110 (gst excluded)
Business Card size	\$55 (gst excluded)

Dimensions are only approximate and will be edited to fit the space available

Inserts (PDF version to be supplied)

Pre-printed A4 \$385

All enquiries please contact: perth@ausimm.com.au

An invoice will be sent to you. Please post payment to the Treasurer,
Perth Branch The AusIMM, PO Box 1369, West Perth, WA, 6872.

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MetSoc Liaison	Richard Williams Dean David
Editor/Secretariat	Deidre Watson
<p>Please address mail correspondence to: Email correspondence to:</p> <p>AusIMM Perth Branch perth@ausimm.com.au PO Box 1369 West Perth WA 6872</p>	

Perth Student Chapter Presidents 2018		
Curtin Student Chapter President	Anthony Pietruszko	CurtinSC@ausimm.com.au
Murdoch Student Chapter President	Kristian Monterio	k.a.monteiro@hotmail.com MurdochSC@ausimm.com.au
UWA Student Chapter President	Alex Turner	UwaSC@ausimm.com.au

Kalgoorlie Branch Committee 2018

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Vice Chair	Carla Vincent MAusIMM
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Committee	Tim Mills MAusIMM
Email correspondence to: Kalgoorlie@ausimm.com.au	

Kalgoorlie Student Chapter Committee 2018

President	Francois Theron SAusIMM
Email correspondence to: kalgoorlieSC@ausimm.com.au	

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From the chair



Mike Spreadborough
FAusIMM

GML 2018
Conference Chair

This conference aims to provide a forum for 'thought leadership' on global issues impacting the mining industry. The program will feature global mining CEOs who are recognised for their leadership in the mining industry, significant experience and who can provide a perspective on the following topics:

- Trust in the industry
- Making globalisation work
- The role and impact of technological disruption
- Capitalising on emerging global opportunities

Why attend?

1

Gain insight into how some of the most influential and respected leaders are undertaking initiatives to ensure viable and sustainable business strategies

2

Benefit from unparalleled opportunity to see, hear and meet with global leaders in the mining industry

3

Discover relevant and current trends identified by global mining leaders

4

Interact in panel discussions and Q&A which offer sufficient time for a constructive debate and an interactive learning experience

Register now via
miningleaders.ausimm.com



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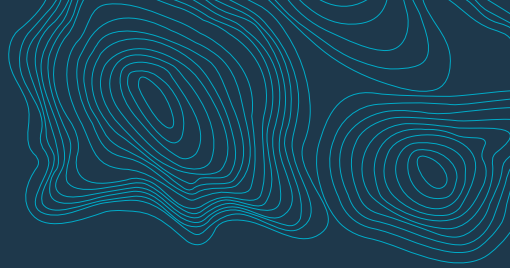
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