



EUROPEAN METALS

CINOVEC

A GLOBALLY SIGNIFICANT
LITHIUM PROJECT IN
THE HEART OF EUROPE



BENCHMARK WORLD TOUR - SEPTEMBER 2017

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COMPETENT PERSON

The Exploration information in this presentation is based on information compiled by Mr Widenbar who is a recognised geologist and consultant to European Metals. Mr. Widenbar has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Widenbar consents to the inclusion in this presentation of the matters based on his information in the form and the context in which it appears

CINOVEC PROJECT



- **Cinovec is a globally significant lithium project due to –**
 - **Location:** In the heart of Europe within close proximity to numerous potential end users.
 - **Size:** The largest lithium resource in Europe – fourth largest non-brine lithium resource in the world.
 - **Cost:** Low cost producer and potentially lowest cost hard rock producer in the world.

LITHIUM – NEW DEMAND EUROPE



LITHIUM – NEW DEMAND EUROPE



Plans 3 million EVs pa & 50 EV models by 2025. Total spend – EUR 70bn
Reports of EUR 10bn battery factory in Leipzig - 150kms from Cinovec



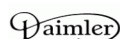
EUR 1bn EV program, headquarters in Stuttgart & factory in Leipzig. First EV production in 2019. 50% of all vehicles to be EV by 2023



EUR 2bn EV program with target to bring 10 EV models to the market by 2025, making up 15-25% of global sales. All models to have electric capability by 2022



Plans to introduce electric Mini and BMW X3 SUV to range of EV's.
Mass production of EV's by 2020 – 12 EV models by 2025



Based in Dresden, 45 minutes from Cinovec, building 2nd battery factory & expanding production by EUR 2bn. EUR 10bn by 2020 on 10 new EV's



VW's Skoda, headquartered in Mladá Boleslav, announced a new all-electric SUV with a 500km range. Plans to build 500k EV's per year

LITHIUM – NEW DEMAND EUROPE



Building battery factory in Wroclaw, Poland



Building battery factories in Hungary & Austria



Specialist Lithium-Ion battery manufacturers, recently began operations in new factory in Ostrava, Czech Republic



To build Europe's largest Lithium-Ion battery factory (US 4bn) in Sweden – ex-Tesla executives



Building a 2nd Gigafactory in Europe, reported to be in Czech Republic



Opened first section of what will be Europe's biggest lithium-ion battery factory in Karlstein, Bavaria & intend to launch their own extremely efficient cell by year-end



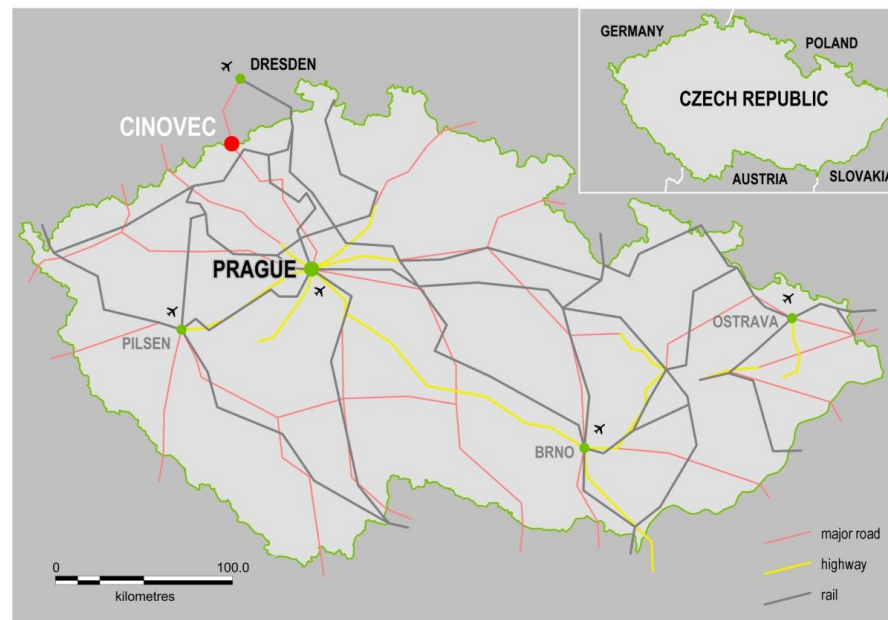
Plans to build Gigafactory in Germany with capacity of 34 GWh/year by 2028

CINOVEC – LOCATION



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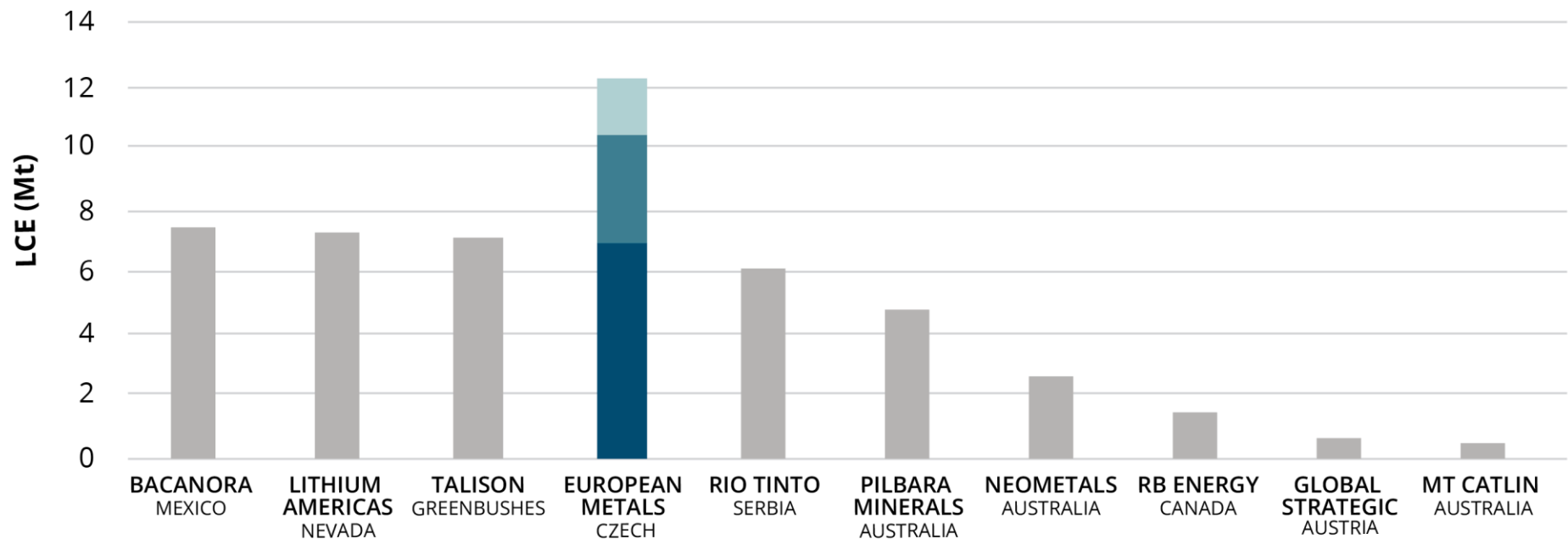
- **Located in the heart of Europe** - ready access to end users.
- **Large industrial and chemical plants** - excellent support services in Czech and Germany.
- **Rail access** - two lines within 10km of the deposit.
- **Road Access** - adjacent to main road.
- **Power available** – 110 KvA transmission lines in project area.
- **Water available** - good supply.
- **Miscellaneous infrastructure.**



PEER ANALYSIS – AVAILABLE RESOURCES



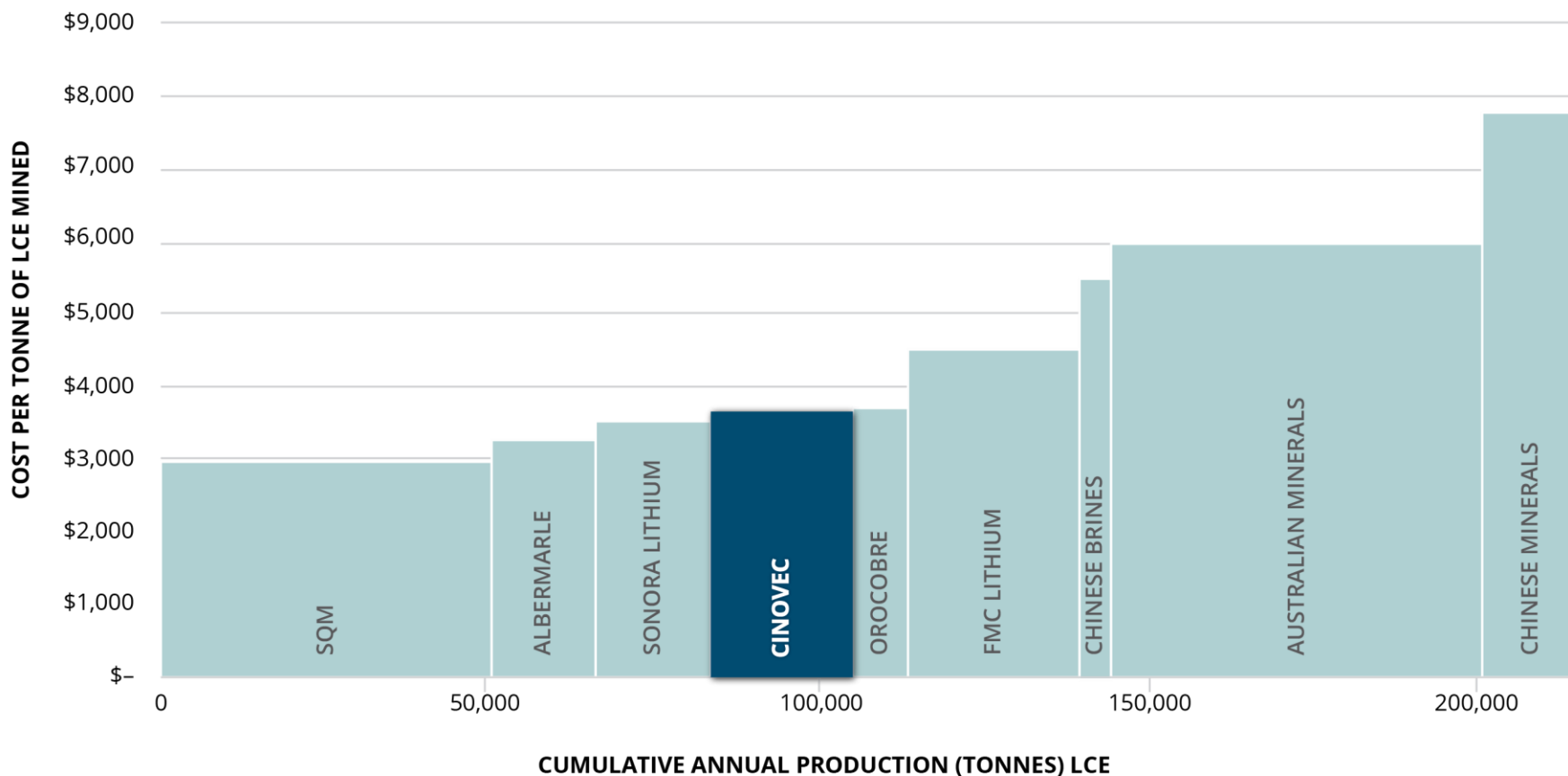
ACTIVE LITHIUM PROJECTS - NON BRINE



PEER ANALYSIS – COST OF PRODUCTION



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Source : Cadence Minerals

PFS SUMMARY – April 2017 (USD)

ANNUAL PRODUCTION	20,800 tpa battery grade Li_2CO_3
PROJECT LIFE	21 years
TOTAL JORC RESOURCE Inferred)	7.0 mt LCE (4.0 mt Indicated, 3.0 mt
CONSTRUCTION CAPITAL COSTS	\$ 393 million
OPERATING COSTS (without credits)	\$ 5,211/t Li_2CO_3
OPERATING COSTS (with credits)	\$ 3,483/t Li_2CO_3
LITHIUM CARBONATE PRICE ASSUMPTION	\$ 10,000/t battery grade Li_2CO_3
AFTER TAX ECONOMICS	\$ 540 million (NPV 8% Discount)
INTERNAL RATE OF RETURN	21%

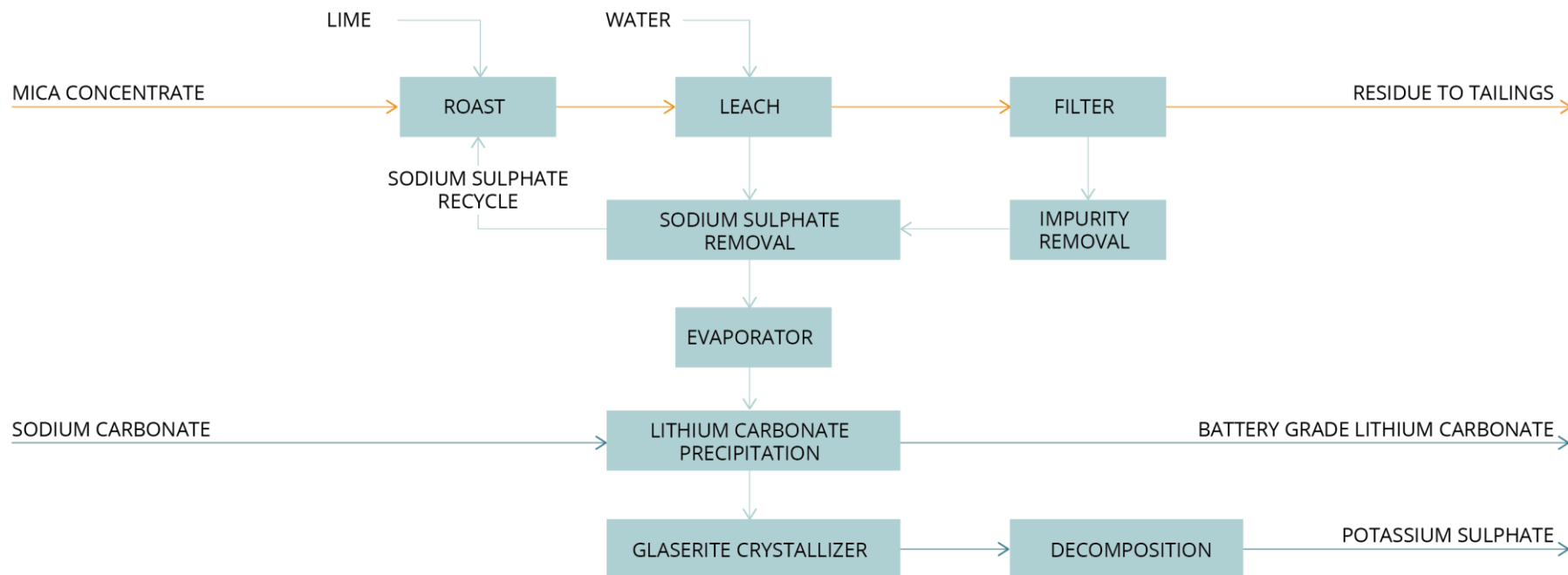
- The initial public report for the production target and forecast financial information was released on 19 April 2017;
- The Company confirms that all material assumptions underpinning the production target and forecast financial information continue to apply and have not materially changed.

PFS based on **21 years** of production, and approximately one third of the mineral resource of same metal content.

LITHIUM PROCESSING



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- Process flow sheet for the production of battery grade lithium carbonate
- Successfully used to produce $> 99.5\% \text{Li}_2\text{CO}_3$ – impurities below industry limits
- Process can be adapted to produce lithium hydroxide

CORPORATE SNAPSHOT



ASX & AIM CODE	EMH
CDI's	131M
MARKET CAP @ AUD 0.75	98M AUD
SHARE HOLDER STRUCTURE	
Cadence Minerals plc	20.6%
Held by Directors	12.6%
Top 20 Shareholders	79.6%

EMH 12 MONTH SHARE PRICE PERFORMANCE & VOLUME



DIRECTORS

KEITH COUGHLAN ^(AUS)
MANAGING DIRECTOR

DAVE REEVES ^(AUS)
NON EXECUTIVE CHAIRMAN

RICHARD PAVLIK ^(CZ)
EXECUTIVE DIRECTOR

KIRAN MORZARIA ^(GB)
NON EXECUTIVE DIRECTOR

THE TEAM



KEITH COUGHLAN (AUS) MANAGING DIRECTOR

- 30 years experience in mining finance
- Cross border listing and financing
- Development of early stage mining projects

DAVE REEVES (AUS) NON EXECUTIVE CHAIRMAN

- Qualified Mining Engineer
- 25 years global experience
- Honours degree from UNSW
- Grad Dip Applied Finance & Securities Investment, SIA

RICHARD PAVLIK (CZ) EXECUTIVE DIRECTOR

- GM of Geomet s.r.o. (CZ)
- Masters Mining Engineering
- 30 yrs Czech mining experience
- Previously Chief Engineer & Head of Surveying & Geology for OKD & New World Resources

KIRAN MORZARIA (GB) NON EXECUTIVE DIRECTOR

- CEO & Director of EMH's largest shareholder, Cadence Minerals in UK
- Bachelor of Engineering & MBA Finance
- Operational & Management experience in Mineral Resource Industry

CRAIG REIMER (AUS) PROJECT MANAGER

- 25 years project, engineering & business management experience
- Registered Professional Engineer
- Held senior leadership positions with Jacobs, UGL, Honeywell & SNC Lavalin
- Worked on projects for BHP, Vale Inco, Atlas Iron, ENK, Lynas, Rare Earths, Newmont & Alcoa

GRANT HARMAN (AUS) METALLURGICAL CONSULTANT

- Previously Manager Lithium Chemicals for Talison Lithium
- Held roles with UGL, SNC Lavalin, CleanTeq & Ausenco

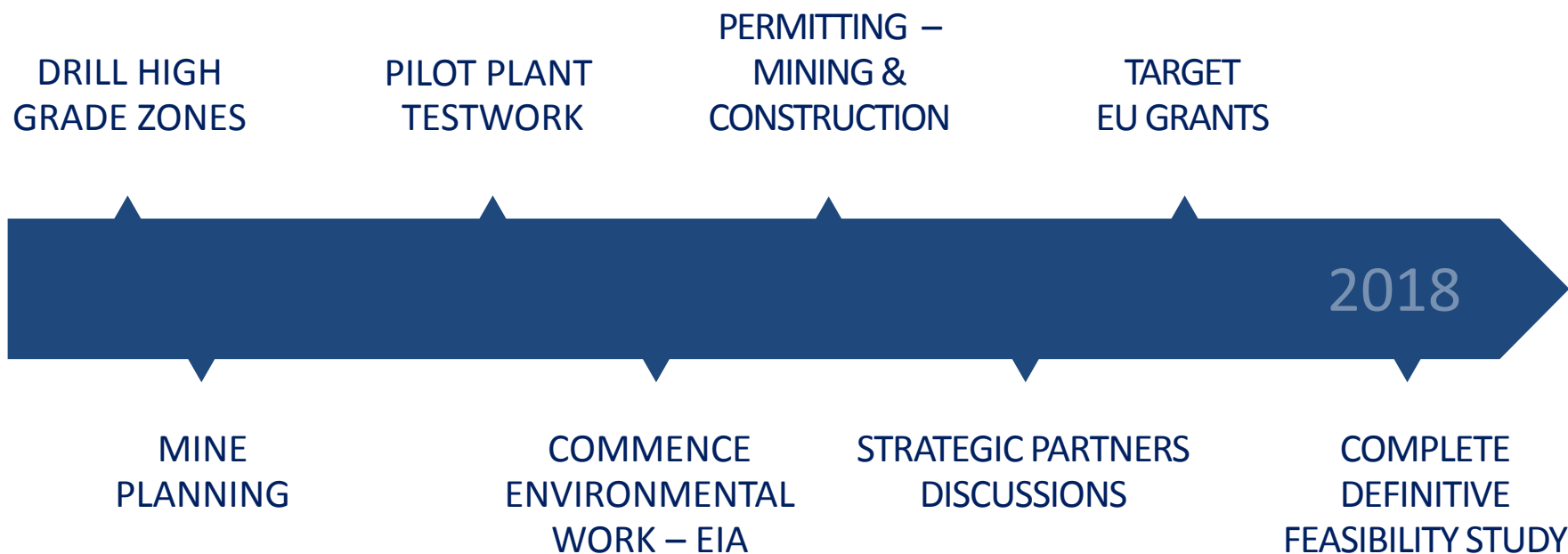
PAVEL REICHL (CZ) GEOLOGICAL CONSULTANT

- Certified Professional Geologist
- Member of American Institute Professional Geologists
- Fellow of Society of Economic Geologists
- Competent Person for Australasian Code
- Qualified Person for AIM Guidance Notes

PATH TO PRODUCTION



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