

Pepinini
Minerals Limited

Managing Director
Rebecca Holland-Kennedy



Confirming Potential

Presentation to Gold Coast Investment Showcase 21 June 17

A bike story from China

1999



150,000 e-bikes

Source – © Quentin Perrot



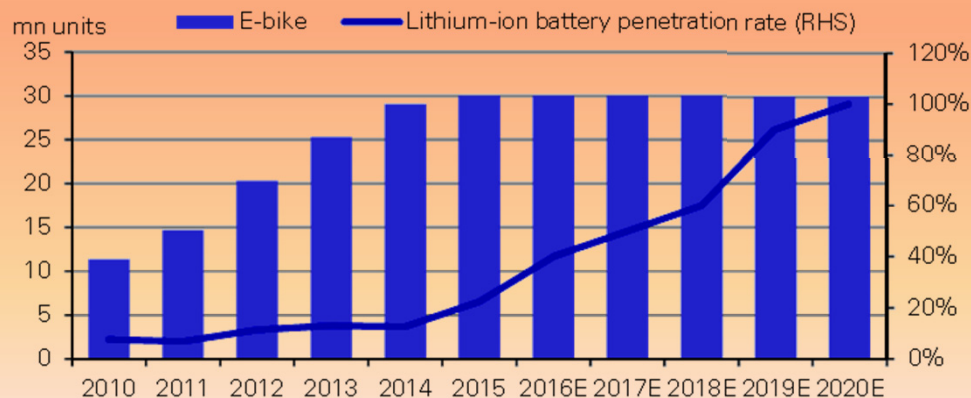
**Lead-acid
battery
13-18 kg**

2016



200,000,000 e-bikes

**Lithium ion
battery – 2-3kg**



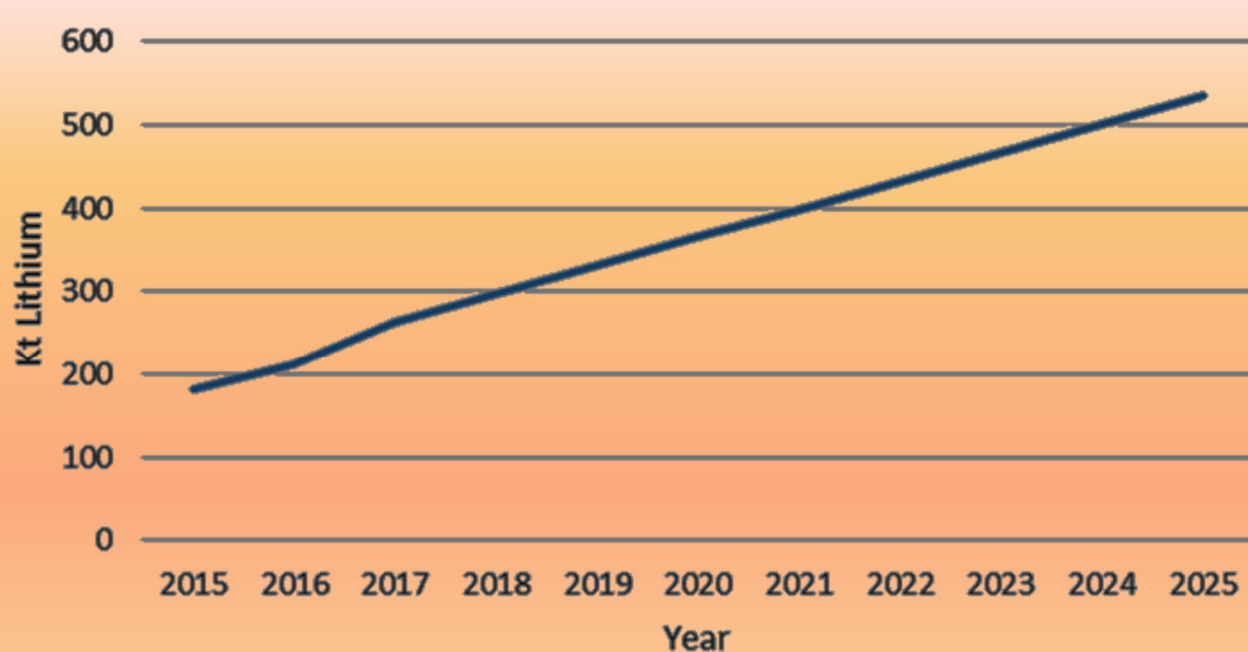
Source – Deutsche Bank Markets Research May 2016

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Lithium demand to jump 295% over 10 year period

Lithium Demand – Deutsche Bank Forecast



*Actual increase in 2016 is
17%*

*On target for 24% increase
2017*

*Forecast further 100%
increase from end of year
by 2025*



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Why the increased demand? What are we using it on?



E-Bike Batteries
2 - 3 kg



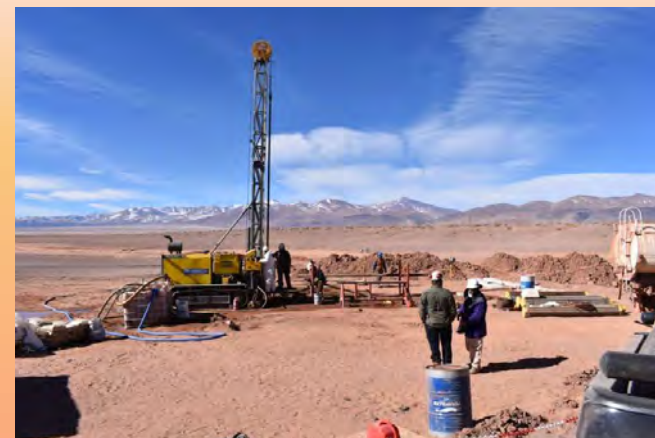
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Exploring the future

PepinNini's Lithium Brine Project

ARGENTINA



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The Lithium Triangle – Argentina, Bolivia and Chile

- ❑ **Contains 66% of the world's reserves of Lithium Carbonate(LCE)**
- ❑ **Contains 53% of the world's high grade Lithium reserves**
- ❑ **48% of global LCE production in 2015 and 50% in 2016**



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Why brine is the smart choice over hard rock

Source <http://www.visualcapitalist.com/lithium-fuel-green-revolution/>

This unique type of deposit is also:



Easier to Explore



Faster to Put
into Production



Requires Less Capital

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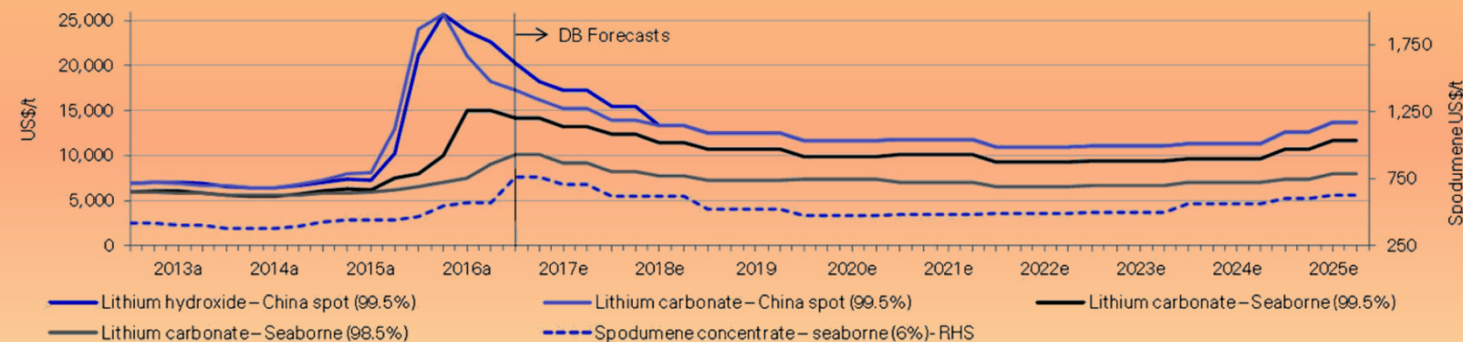
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Why brine is the smart choice over hard rock

Current Lithium pricing and production costs

- ❑ **Current Lithium carbonate price is predicted to stay above US\$10,000 per tonne through to 2025**
- ❑ **Production cost of other Lithium Brine producers US\$2,500 to US\$3,500 per tonne**
- ❑ **Estimated up to 400% profit margins**

Figure 50: DB lithium and spodumene price forecasts (in nominal terms)



Source: Deutsche Bank, Asian Metals

Source – Deutsche Bank Markets Research March 2017

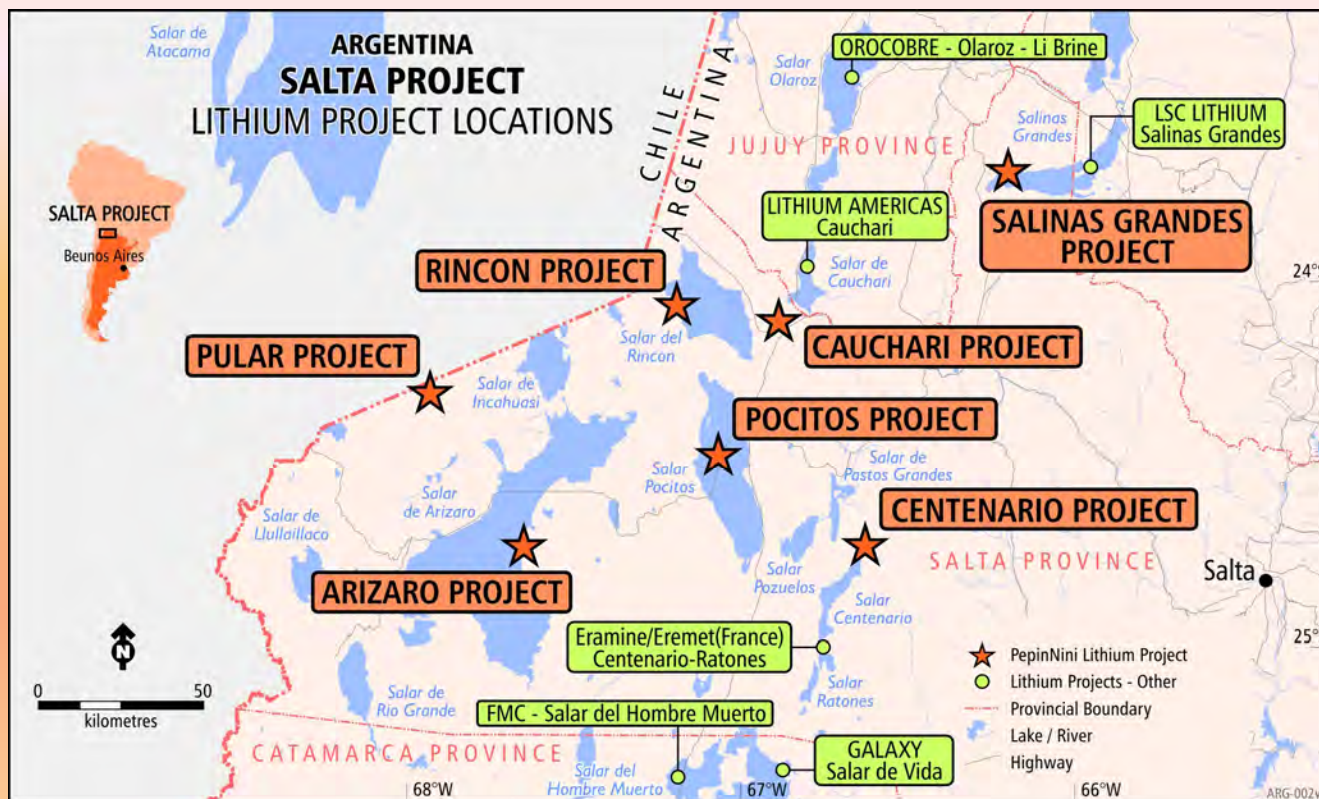


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Salta Lithium Brine Project



- 7 projects all located over dry salt lakes – Salars, in the Lithium Triangle
- 15 mining leases(mina) over 37,191 ha
- Exploration underway - targeting an inferred resource in 2017



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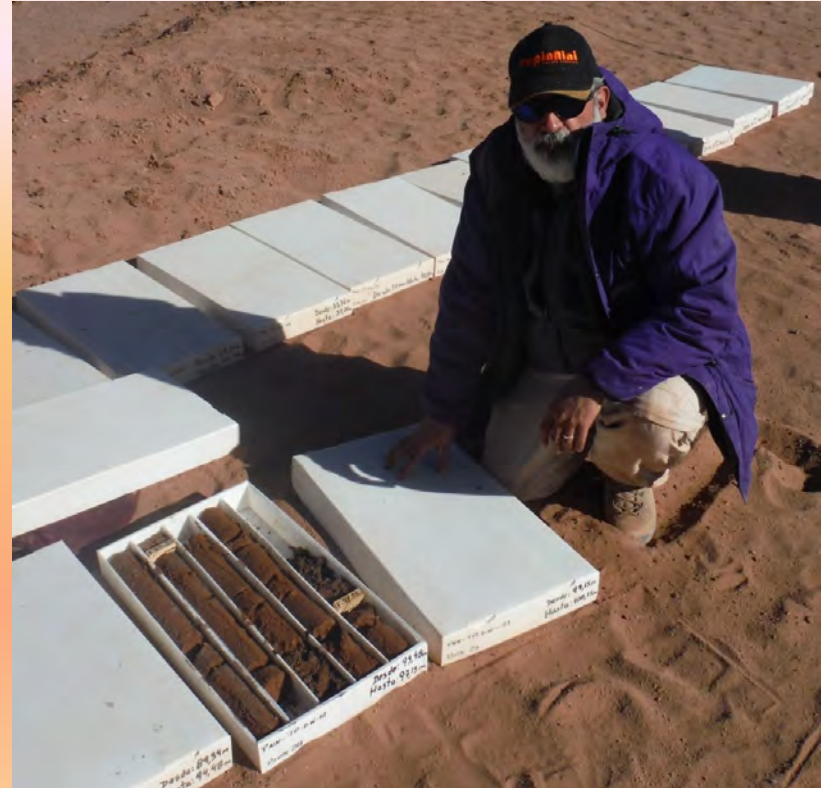
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Salta Lithium Brine Project

Drilling Underway – Pocitos Project



- ❑ First borehole completed to 275.5m
- ❑ Upper and lower aquifer zones intersected
- ❑ Packer sampling of brine underway



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Lithium Brine Exploration

The density is important for Lithium Brine



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PepinNini expertise and experience in Argentina

- *Working in Argentina since 2010*
- *Experienced responsible explorer*
- *Agile and resourceful*



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PepinNini Team and Community



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PepinNini – Corporate

Snapshot 16 June 2017	ASX:PNN
Shares on issue	483,968,689
Options on issue(unquoted)	1,500,000
No. shareholders	2,996
Current Cash	\$2.8m
Market Cap	\$8.2m



- ***Funded to complete exploration planned***
- ***No debt so structure development to advantage of investors***
- ***Actively traded, good liquidity***



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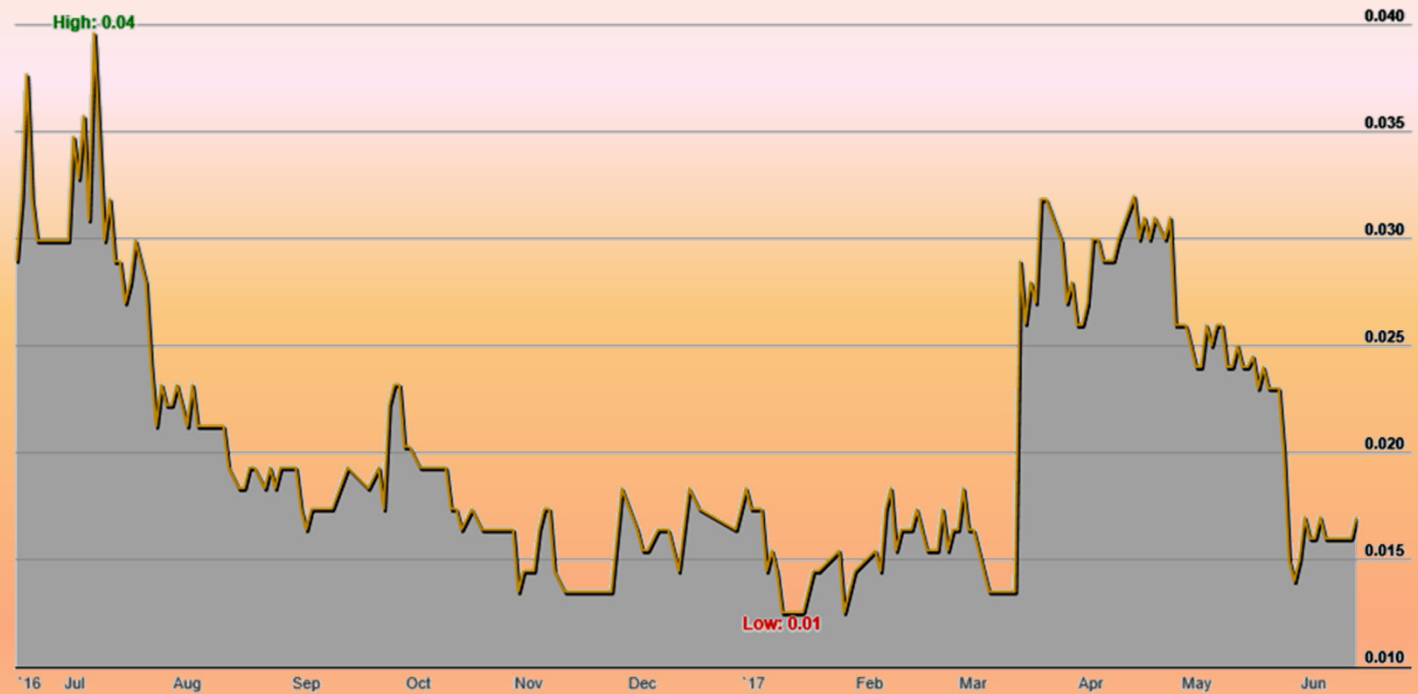
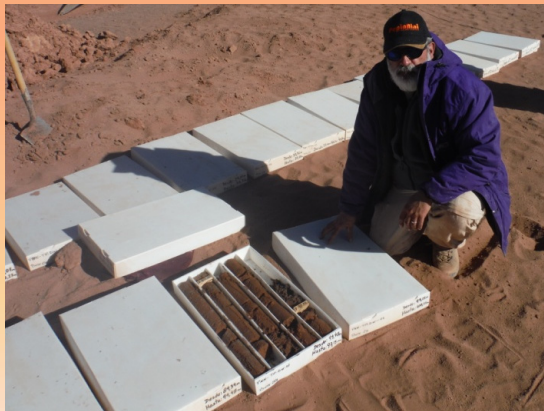
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A hell of a ride

Period †	Open	High	Low
1 Week	0.016	0.017	0.016
1 Month	0.024	0.024	0.016
3 Months	0.033	0.033	0.016
6 Months	0.018	0.035	0.013
1 Year	0.033	0.041	0.013
3 Years	0.012	0.045	0.006
5 Years	0.036	0.135	0.006

Source: ADVFN.com



Source: Commsec

➤ exploration results to come



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PepinNini Board of Directors



Rebecca Holland-Kennedy

B.Sc., B.Arts, MAusIMM, GAICD

Executive Chairman and Managing Director, Co-founder

Geologist with more than 35 years experience in exploration and management.



Phil Clifford

B.Sc., MAusIMM

Executive Technical Director and Exploration Manager

Geologist with more than 25 years experience in exploration management within Australia; 15 years with Rio Tinto.



Sarah Clifton-Brown

B.Arts, (Hons) Accountancy, FCCA, GAICD

Executive Finance Director

Fellow of the Chartered Certified Accountants with more than 12 years experience in company administration, financial reporting and analysis.



Robert (Wei) Sun

M.Econ (Commerce), M.Econ (IEM)

Non-Executive Director

Resource investment analyst with more than 12 years experience in international trade and the resource industries of China, Canada and Australia.



Justin Nelson

B.Arts(Jurisprudence)LLB

Company Secretary

Lawyer, previously ASX State Manager, SA and Manager, Listings (Adelaide). He has extensive knowledge of ASX listing rules and is a Principal with DMAW Lawyers.



Ignacio Celorrio

LLB/JD Partner

Director

PepinNini SA
Lawyer with Quevedo Abogados Buenos Aires. *Distinguished Leading Individual* in areas of Energy and Natural Resources in Argentina



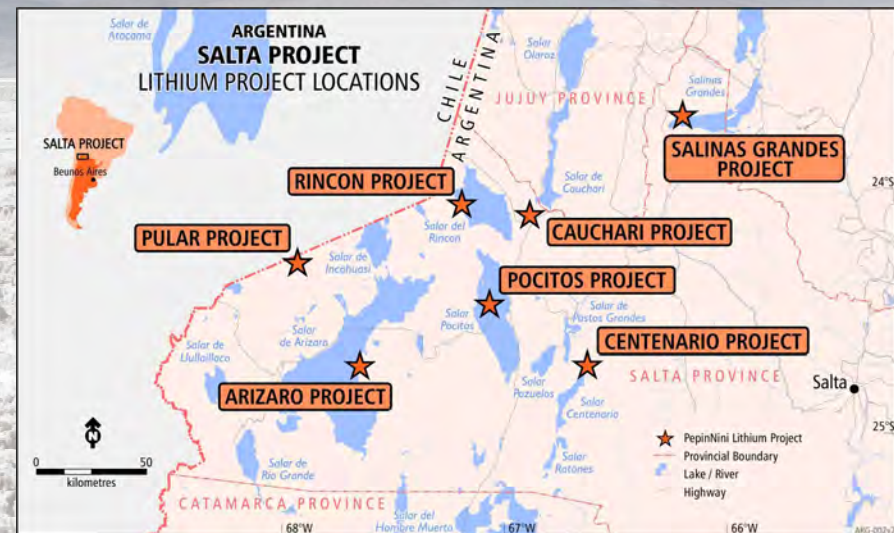
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Strategic direction

- ❑ *Lithium Carbonate Resources targeted for 2017-2018*
- ❑ *Focus on the best resource potential projects*
- ❑ *Commence scoping study 2018*



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PepinNini Advantage

- **Commodity demand high**
- **Large holding gives choice and versatility**
- **Soft brine advantage**



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- ✓ Right Commodity
- ✓ Right People
- ✓ Right Price



pepinnini.com.au

Thank you



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- The information in this presentation that relates to Exploration Results and Mineral Resources in Australia is based on information compiled by Philip Clifford BSc MAusIMM. Mr Clifford is the Technical Director of Pepinini Minerals Limited who has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration 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 Clifford consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.
- The section in the presentation on the Salta Lithium project has been reviewed by Mark King Ph.D., P.Geo., F.G.C., Groundwater Insight, Inc, Halifax, Nova Scotia, Canada, who has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration 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 and the Canadian National Instrument 43-101". Mark King consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.



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Exploration