



The Numbers Stack Up!

Presentation to RIU Sydney Resources Round-up 10 May 17

The Numbers Stack Up

‘in 2025 the battery market for lithium alone will be more than 2x bigger than the total lithium market today’

Deutsch Bank 2015



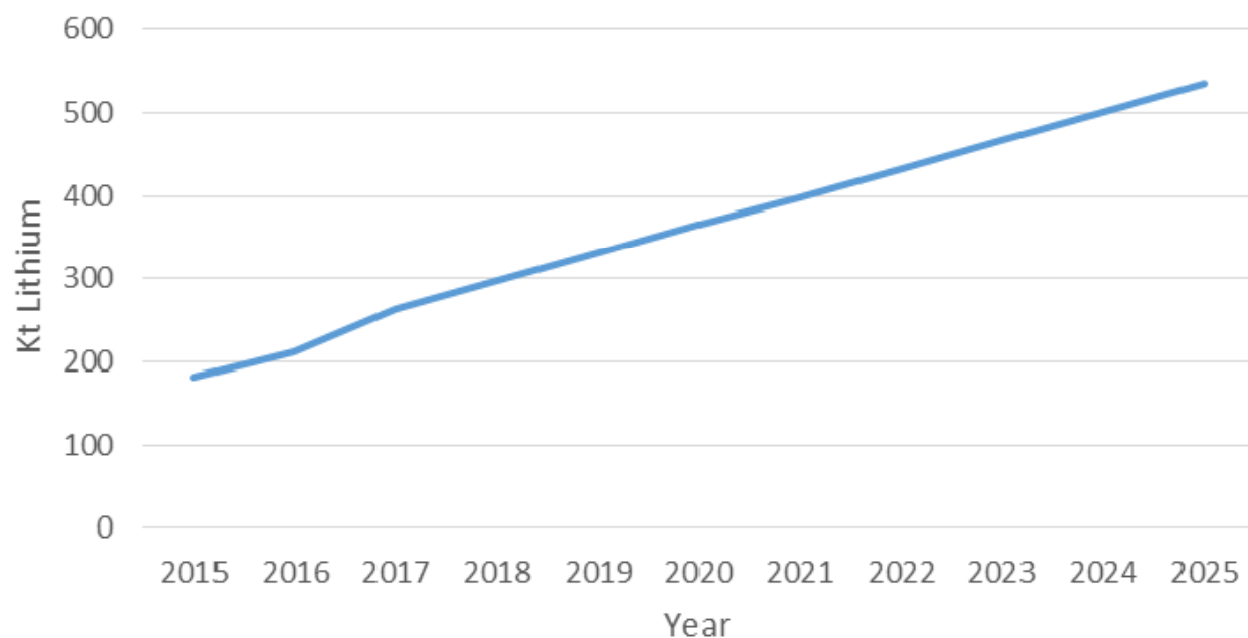
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Lithium demand to jump 295% over 10 year period

Lithium Demand - Deutsch 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?



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



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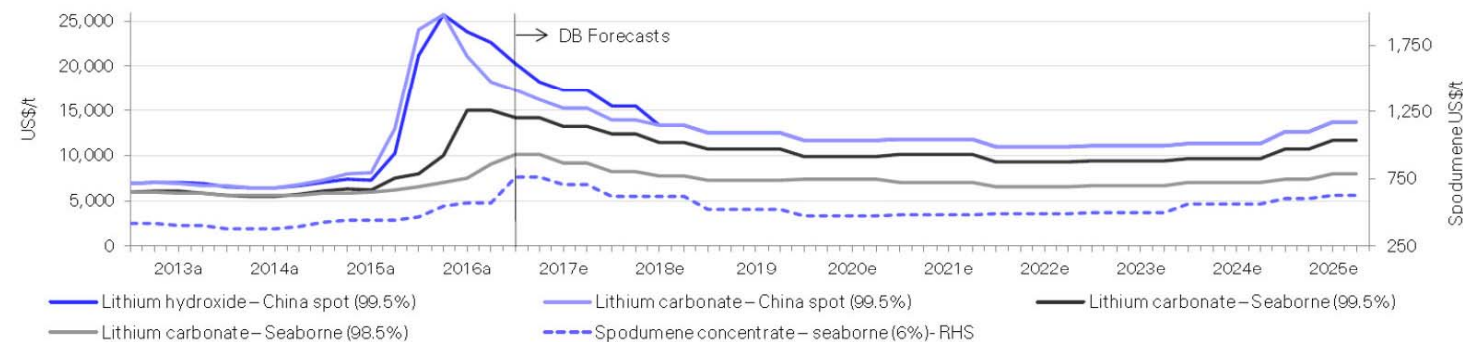
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Exploring
the
future
of
minerals

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



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Why brine is the smart choice over hard rock

This unique type of deposit is also:



Easier to Explore



Faster to Put
into Production



Requires Less Capital

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



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individuals

Why Argentina

- ❑ Company set up and in place since 2008
- ❑ Strategically located within the Lithium Triangle
- ❑ Large high grade reserves



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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



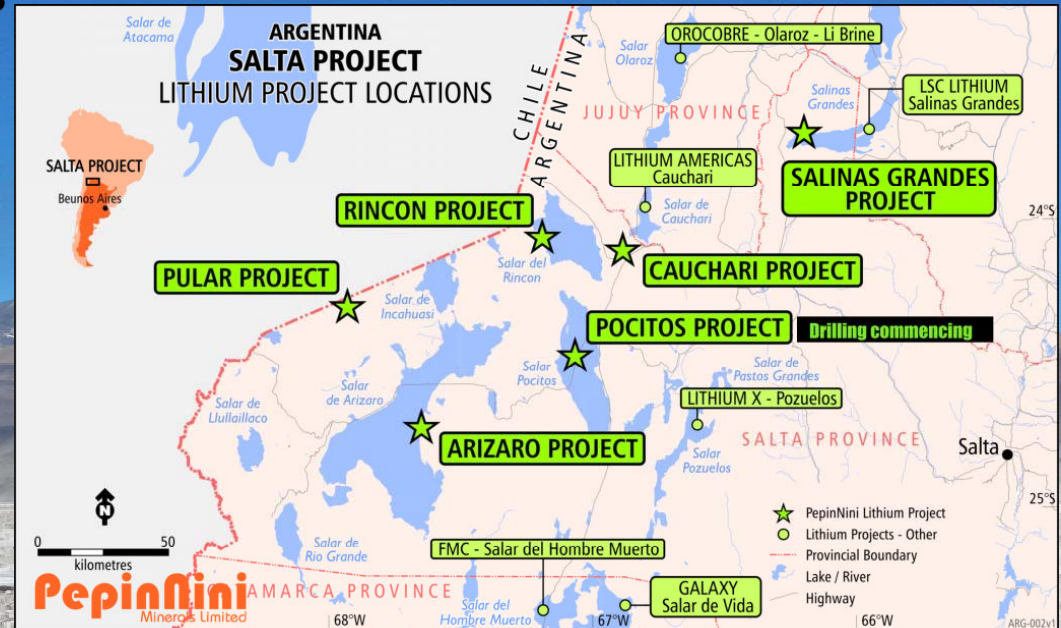
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Salta Lithium Project

- ❑ Six projects all located over dry salt lakes – Salars, in the Lithium Triangle
- ❑ 14 mining leases(mina) over 35,688 ha
- ❑ Geophysical surveys carried out on 4 projects
- ❑ Potential Lithium brine bearing aquifers indicated on all projects surveyed
- ❑ Drilling underway on Pocitos Project - targeting maiden resource(LCE) in 2017



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Salta Lithium Project

Salta Lithium Project – no infrastructure costs



- ☐ **Railway to coastal port in Chile of 300-400km**
- ☐ **Gas pipeline**
- ☐ **High voltage power line**



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Resource Targets and Strategic Direction

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



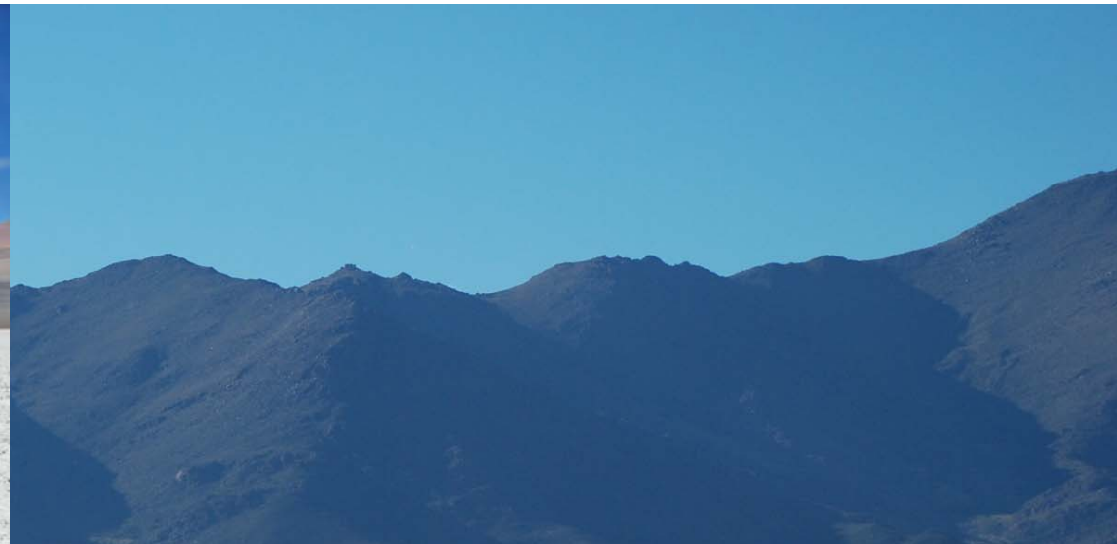
Li-ion



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Exploration

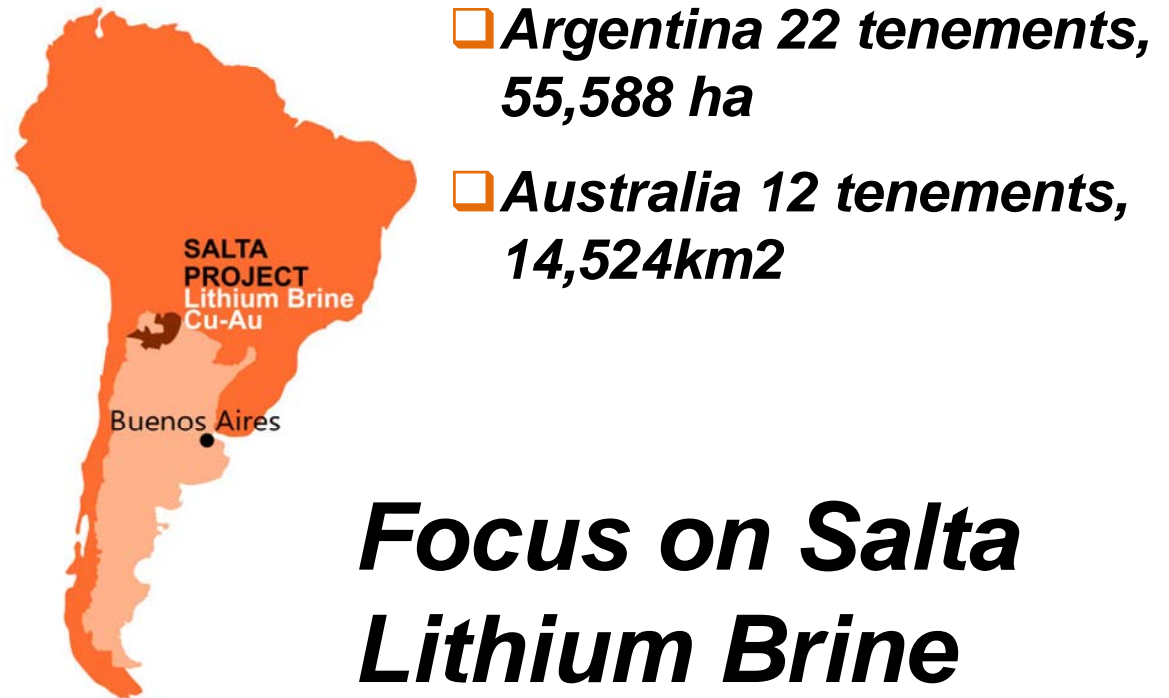


Where we are exploring

AUSTRALIA



ARGENTINA



□ Argentina 22 tenements,
55,588 ha

□ Australia 12 tenements,
14,524km²

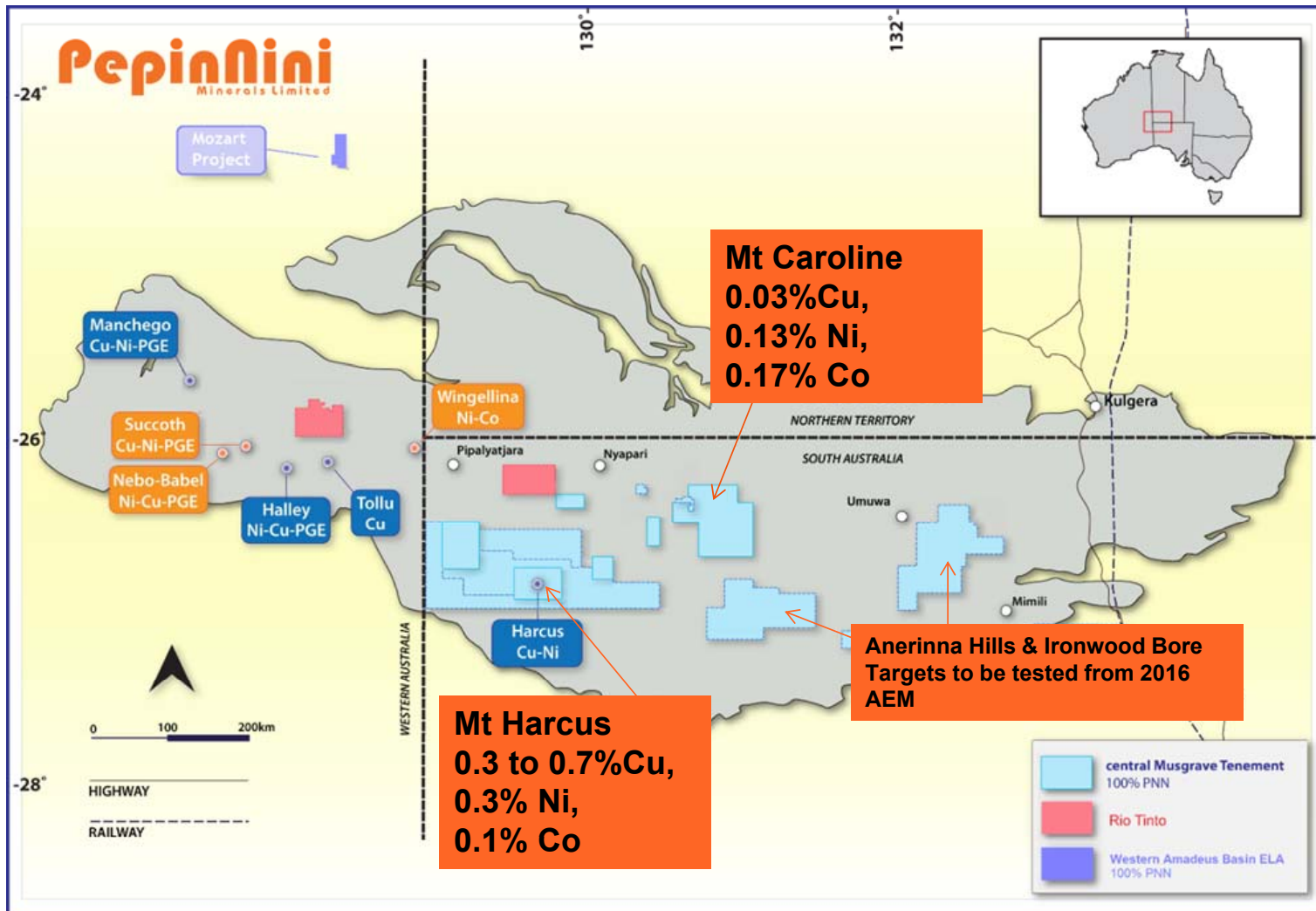
***Focus on Salta
Lithium Brine
Project***



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Musgrave Project – Nickel, Copper and Cobalt



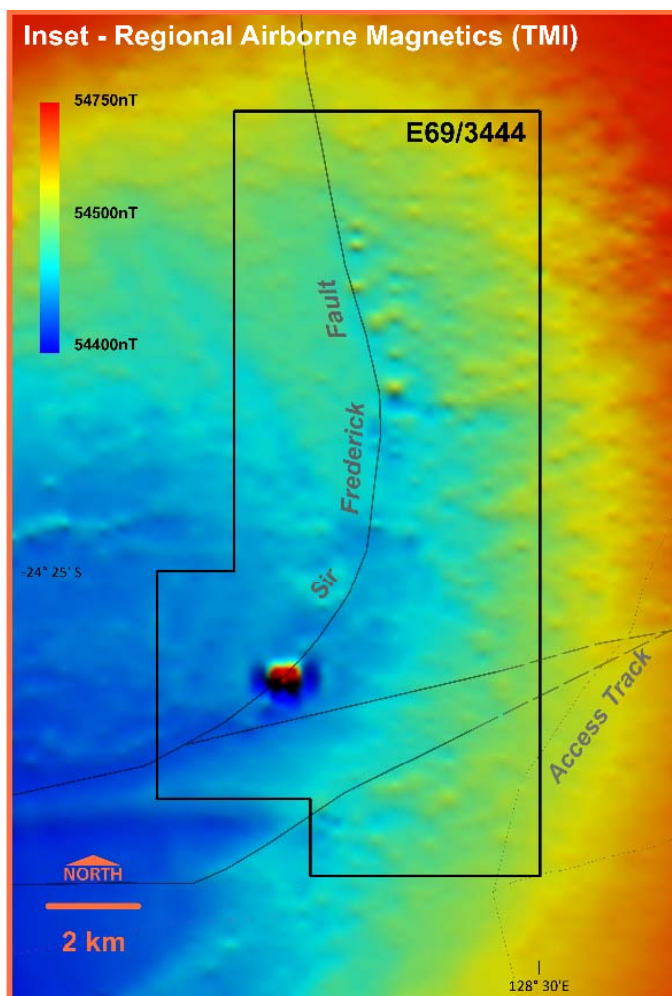
- ❑ 12 tenements of 14,524 km²
- ❑ Targeting magmatic Ni-Cu-Co sulphide deposits
- ❑ Targets generated from 2016 CSIRO-SA DSD - AEM



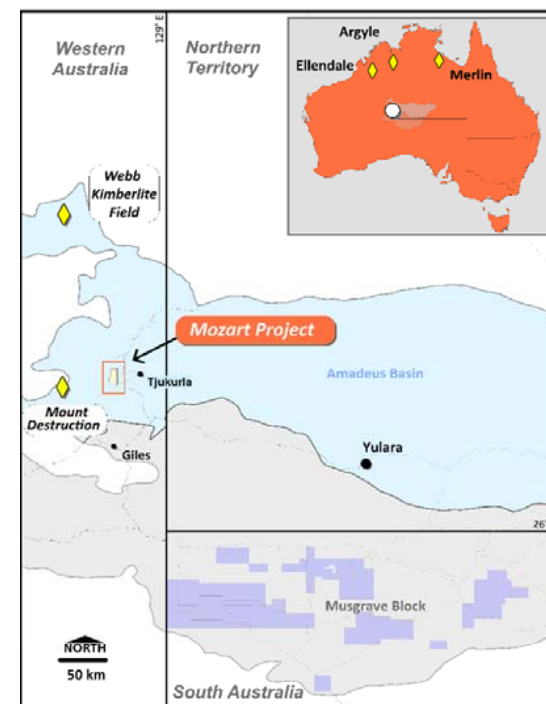
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Western Amadeus Basin – Mozart Diamond Project



- ❑ *Untested Discrete "bullseye" magnetic anomaly*
- ❑ *Potential kimberlite intrusion*
- ❑ *Logistically well located*



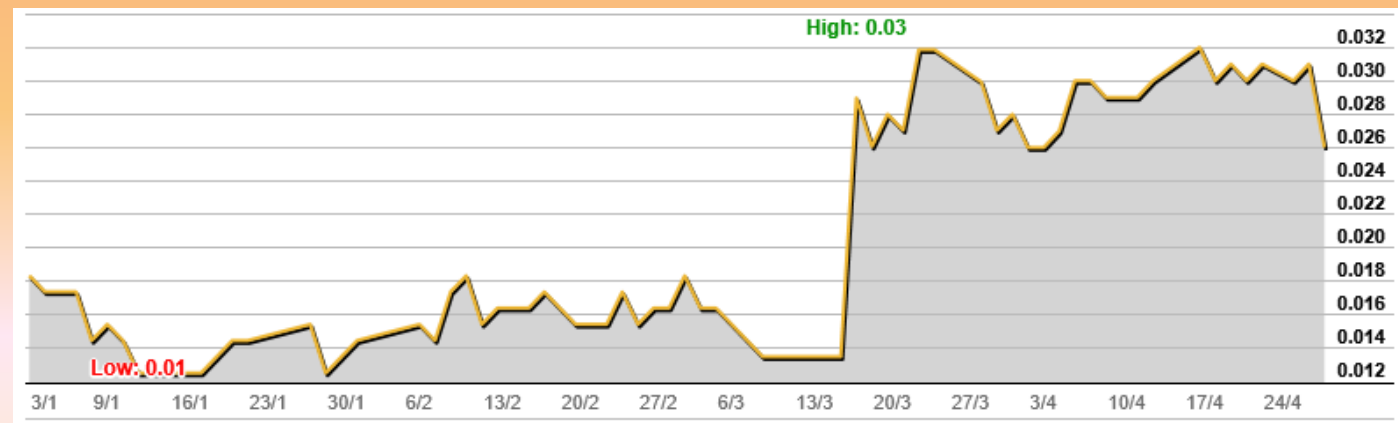
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PepinNini – Corporate

Snapshot 3 May 2017	ASX:PNN
Shares on issue	483,968,689
Options on issue(unquoted)	1,500,000
No. shareholders	3,069
Current Cash	\$3.4m
Market Cap	\$12.6m

- ☐ *Funded to complete planned exploration*
- ☐ *No debt*
- ☐ *Actively traded, good liquidity*



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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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The PepinNini Advantage

- ❑ *Several salars under tenure, 100 % PepinNini*
- ❑ *Focus on the salar with the greatest resource potential*
- ❑ *Multiple asset value creates reserve for development*

Share this
potential



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Still room to grow

*is PepinNini a 10
bagger or more?*

Period †	Open	High	Low
1 Week	0.026	0.027	0.024
1 Month	0.031	0.032	0.024
3 Months	0.016	0.035	0.014
6 Months	0.015	0.035	0.013
1 Year	0.015	0.045	0.013
3 Years	0.018	0.045	0.006
5 Years	0.051	0.135	0.006

Source advfn



Source google finance



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- ✓ Great Project
- ✓ Great People
- ✓ Great 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 PepinNini 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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