

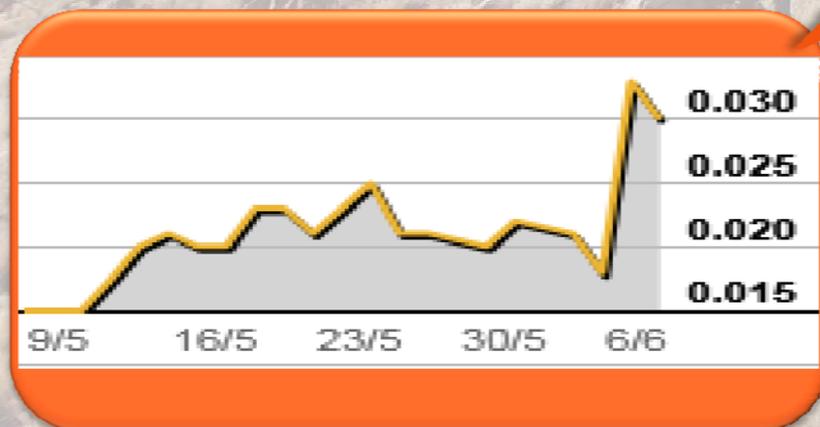
Rebecca Holland Kennedy
Managing Director



Gold Coast Investment Showcase – 22 June 16

PepinNini – the biggest mover

*The biggest mover was PepinNini Minerals, which soared 83% to 3.3c after securing lithium ground in Argentina.
Mining News 7 June 16*



PepinNini

The case for Lithium Exploration Target

Lithium is the lightest metal, highly chemically reactive and soluble so able to power modern technology

Vast number of uses

Batteries, phones, vehicles, aerospace

66% world's lithium found in brines

- Easy to explore
- Fast to put into production
- Require less capital for development

Salta Lithium Brines – Argentina

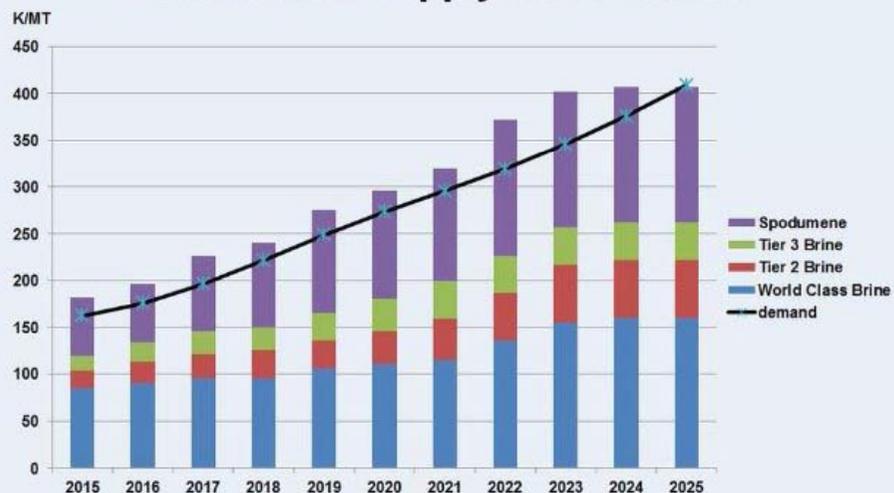
A strategic location with track record of good quality deposits



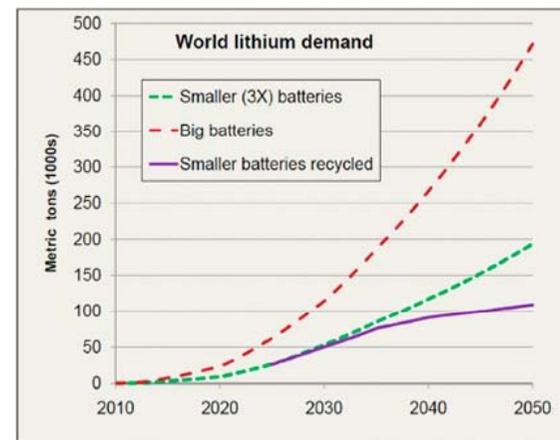
We Explore

Lithium Supply and Demand

Global LCE Supply and Demand



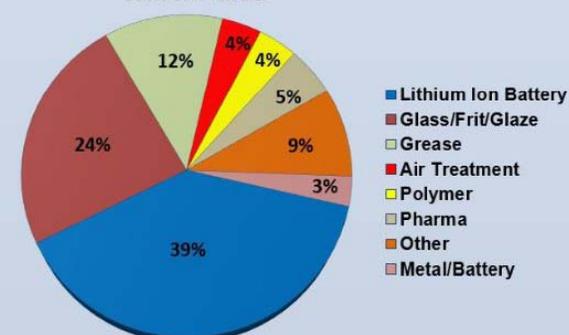
Demand rise predicted for batteries



Lithium Market – Demand* by End-Use 2015

Total demand in 2015: ~163K metric tons

©Global Lithium LLC 2016



- ❑ Demand to increase
- ❑ Hard rock lithium supply to fill demand
- ❑ Cheaper brine production assured of price
- ❑ Lithium price increase in last 6 months from \$US7,000/t to \$US20,000/t



We Explore

Argentine Exploration Projects

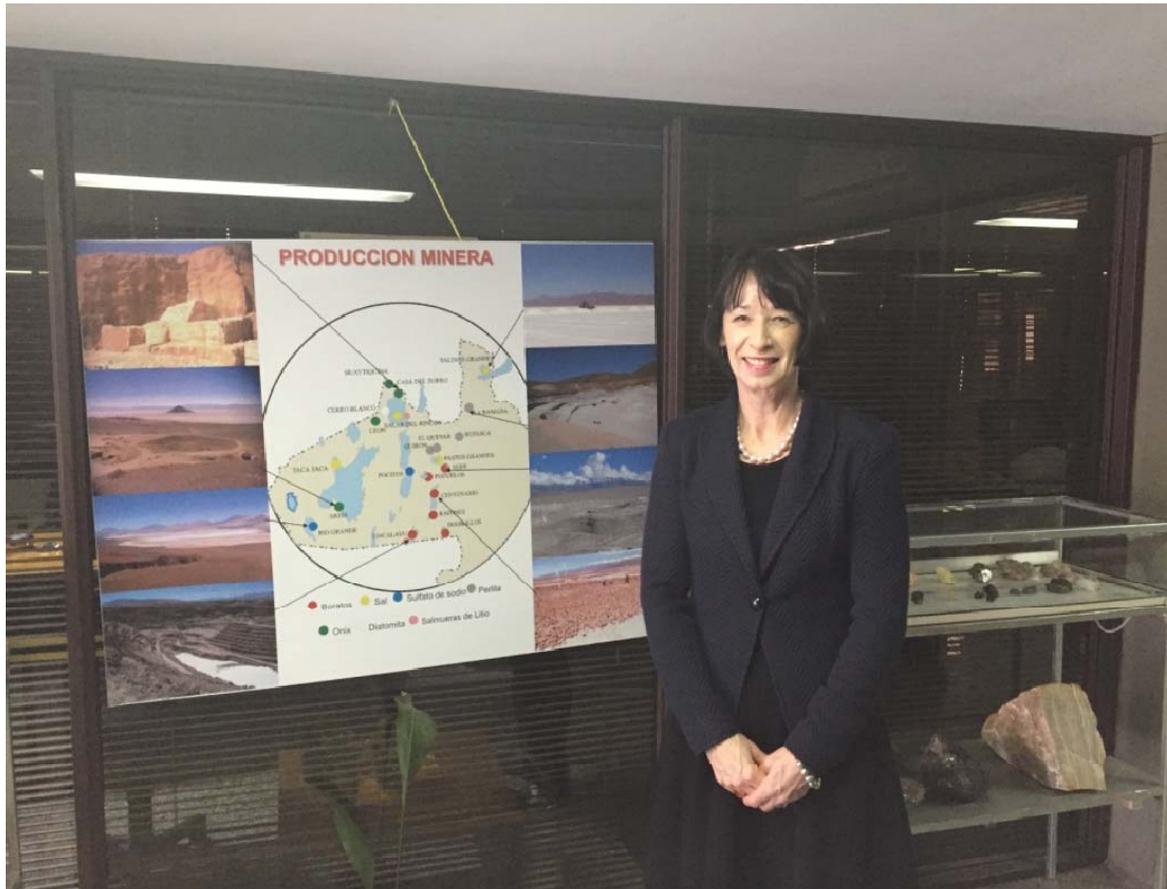


- ❑ Santa Ines - Copper, Gold & Silver
- ❑ Salta Lithium Project – Lithium



We Explore

Rebecca Holland-Kennedy in Argentina

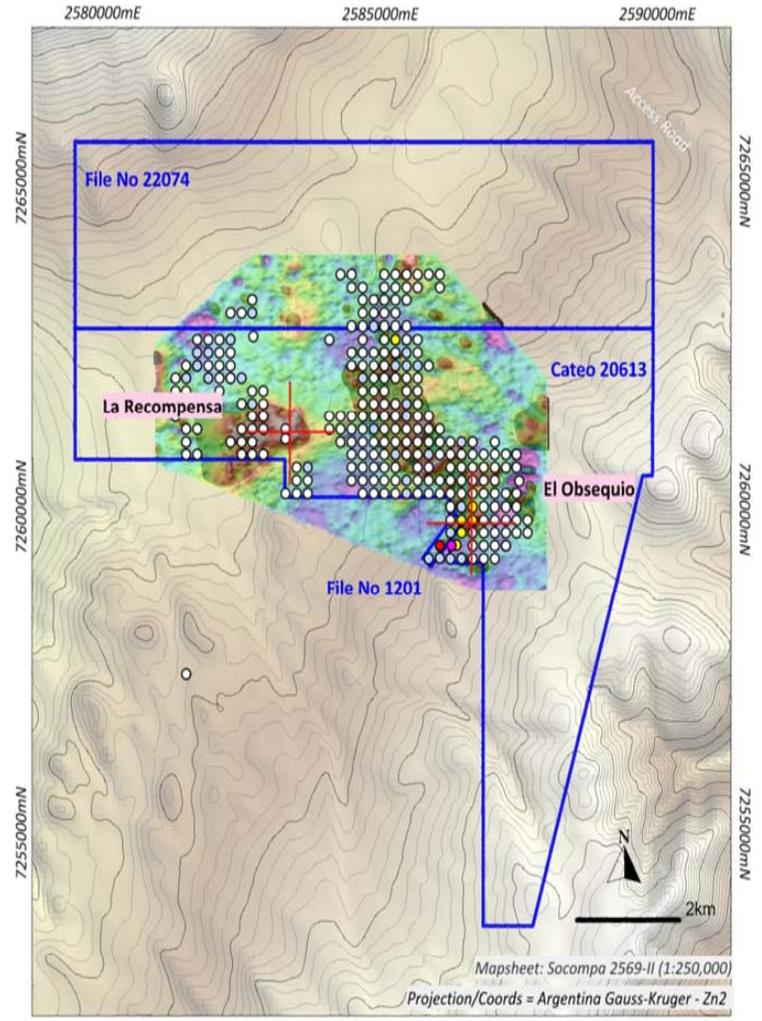


Rebecca Holland-Kennedy



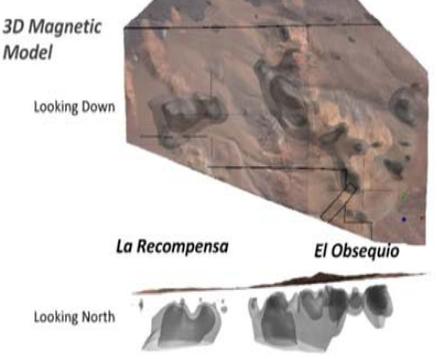
Argentina
Santa Ines Project
December 13 to February 14

PepinNini SA Exploration activities - 2014



Santa Ines Project
Phase 2 Soil Sampling and Induced Polarisation (IP)
Location Plan

-  **Tenure Boundaries**
-  100m topographic contour
20m topographic contour
[Background = Digital Elevation Model]
-  **Ground Magnetic Target**
Shadow = surface expression of 3D magnetic model
[Image = Ground Magnetics RTP (Reduced to Pole)]
-  **Induced Polarisation (IP) lines**
[2750m E-W and N-S profiles across Magnetic Targets]



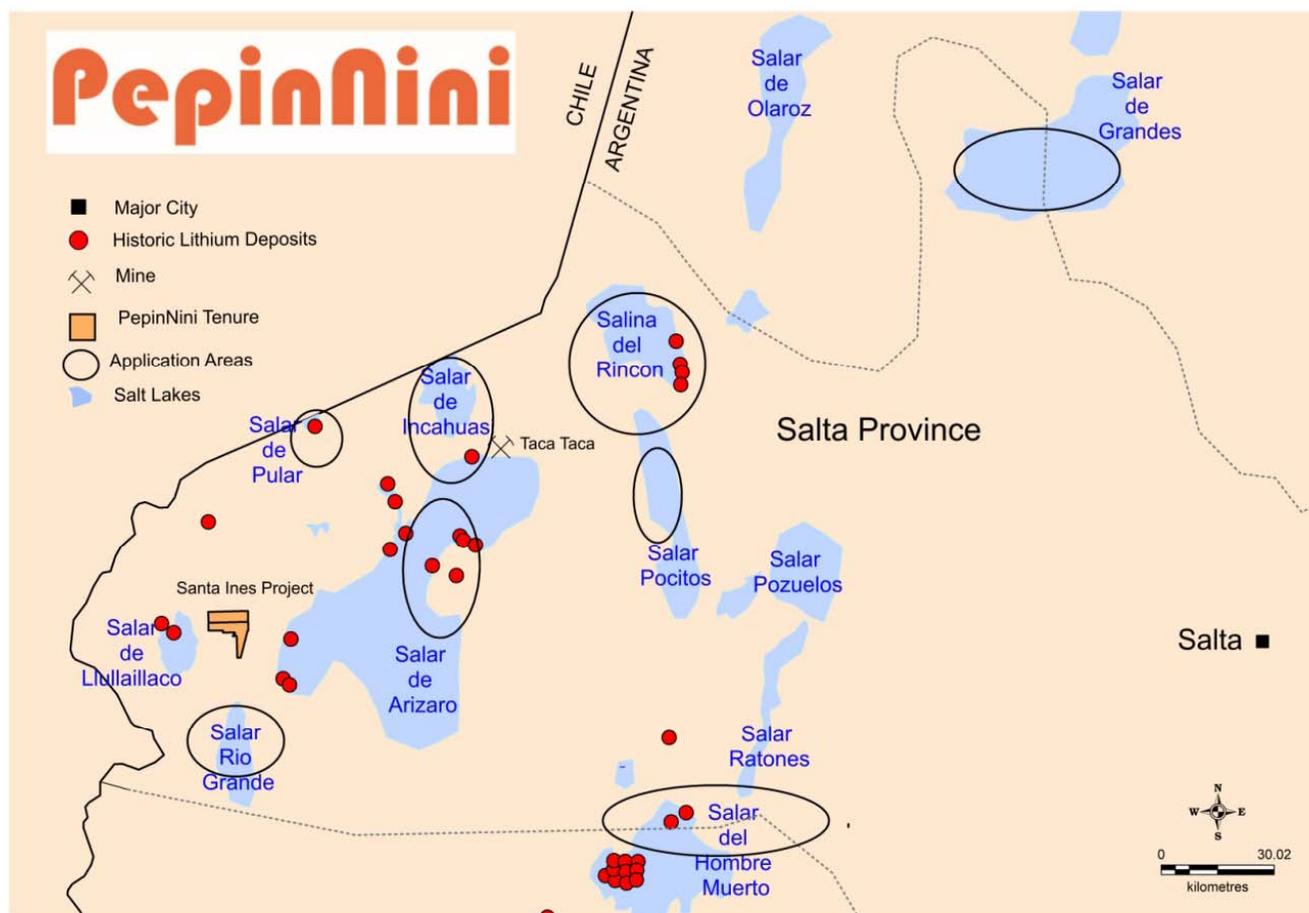
PepinNini SA field program - 2014



We Explore

PepinNini
Minerals Limited

Mining Lease - Mina Applications – June 2016



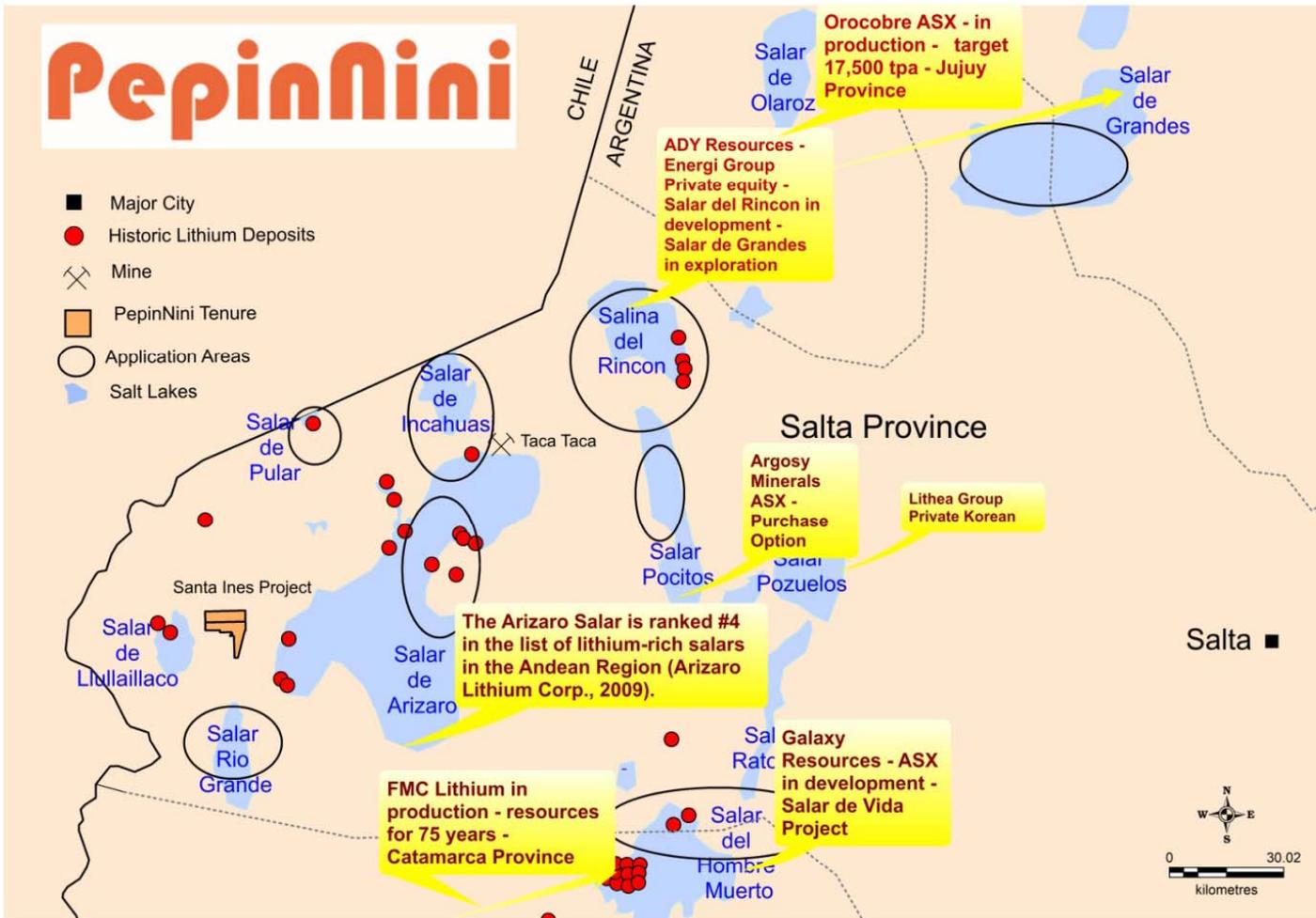
- 8 Mina applications confirmed over 15,212ha or 152km² of crown land
- Historic Li surface occurrences with untested aquifers



We Explore

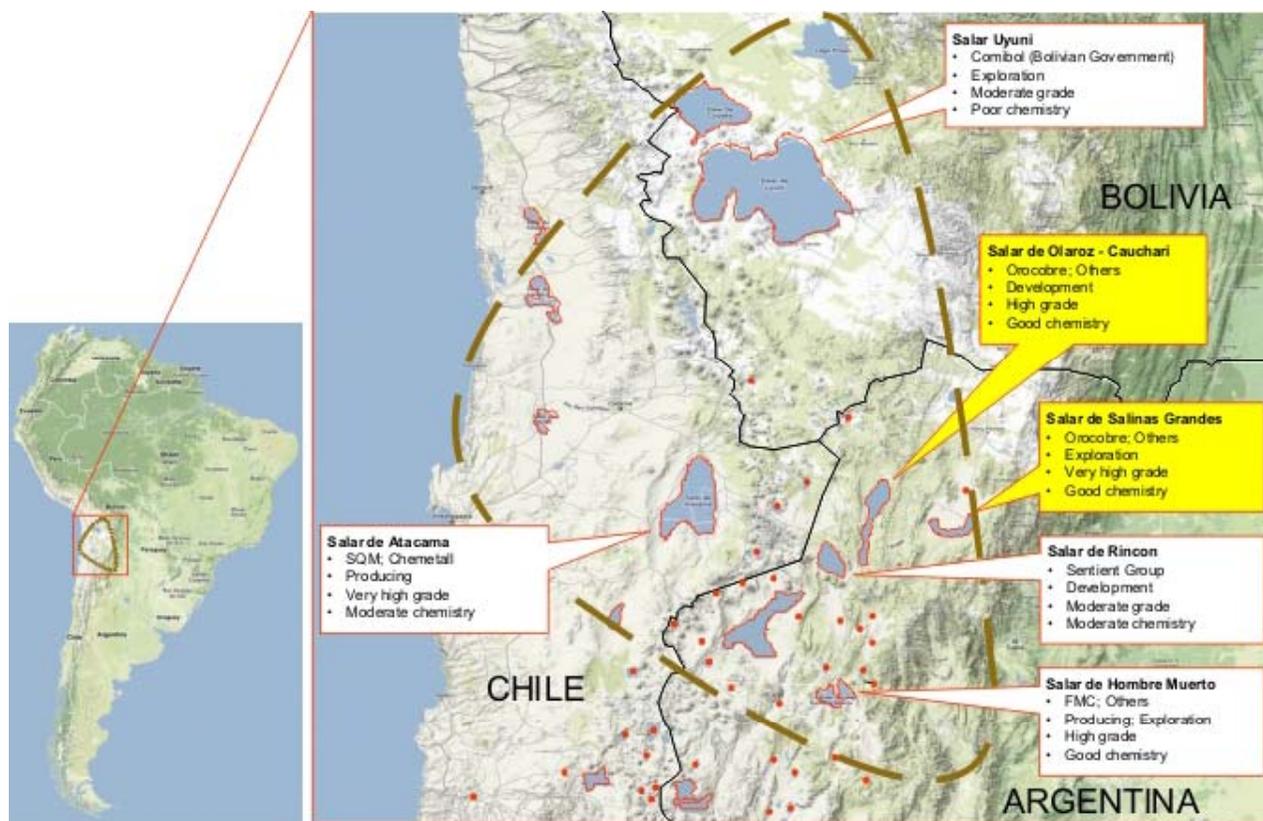
Pepinini
Minerals Limited

Lithium Activity – Catamarca, Salta, Jujuy



- ❑ Infrastructure in place – rail, gas and power
- ❑ PNN in good company – Galaxy, Orocobre and FMC
- ❑ Salta Province, Argentina a good place to explore

Lithium Triangle – Chile, Bolivia, Argentina



Sources: Company presentations, Roskill and independent consultants (to Orocobre) estimates

Note: stated resources are not NI 43-101 compliant

• Represents smaller brines

- ❑ High grade deposits in production
- ❑ Potential for new discoveries in Salta province - PNN ground
- ❑ Argentina new pro-mining, pro-business government Nov 15



We Explore

Pepini
Minerals Limited

Salar de Pular – Historic Lithium mined salar



Socompa –
active volcano
6,051 m



We Explore

Pepinini
Minerals Limited

Salt Lakes and Volcanoes



Volcanoes provide the heat flow for Lithium brine concentrations in the Salars

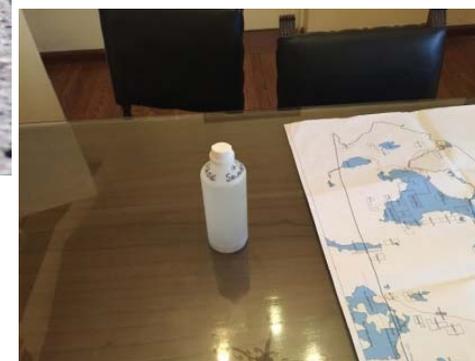


We Explore

Lithium Brine Exploration – Salta, Argentina



Lithium
Brine sample



!Pepini

PepinNini – the biggest mover

Australian Exploration Company ASX listed for 11 years -

- ❑ Diverse commodity portfolio in Australia and Argentina
- ❑ Debt free
- ❑ Resourceful experienced explorer

June 2016

ASX:PNN

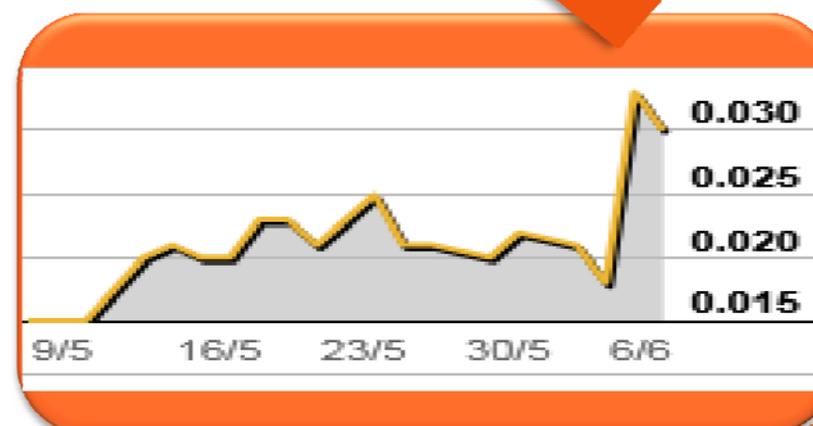
Shares on issue 270,739,774

Options on issue(unquoted) 1,200,000

Current share price 3c

The biggest mover was PepinNini Minerals, which soared 83% to 3.3c after securing lithium ground in Argentina.

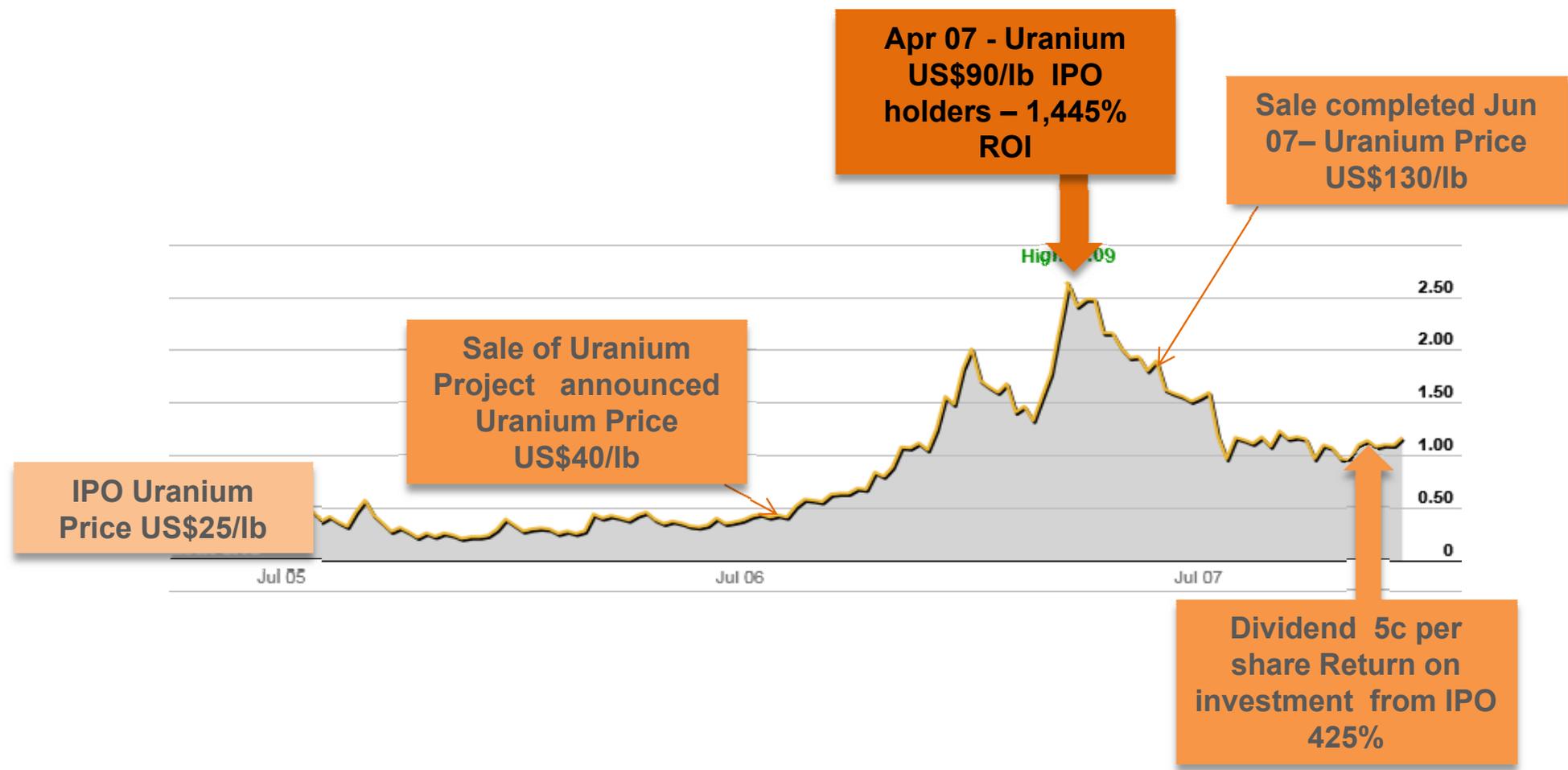
Mining News 7 June 16



We Explore

PepinNini
Minerals Limited

PepinNini track record for adapting to commodity cycle



PepinNini Minerals Limited

Leadership Group – Experience and Integrity



Rebecca Holland-Kennedy
B.Sc., B.Arts,
MAusIMM, GAICD

**Chief Executive Officer,
Co-founder**
Geologist with more than 35 years experience in exploration



Phil Clifford
B.Sc., MAusIMM

Executive Technical Director
Exploration
Geologist with more than 25 years and 15 years with Rio Tinto



Sarah Clifton-Brown
B.Arts,(Hons)
Accountancy,
FCCA, GAICD
Executive Finance Director
Fellow of the Association of Chartered Certified Accountants



Robert (Wei) Sun
M.Econ
(Commerce),
M.Econ (IEM)
Non-Executive Director
Resource investment analyst with experience in international trade and the resource industries of China, Canada and Australia



Justin Nelson
B.Arts
(Jurisprudence)
LLB
Company Secretary
Lawyer, Principal with DMAW Lawyers
previously ASX State Manager, South Australia



Nicole Galloway Warland
B.Sc.(Hons),
MAIG
Exploration Manager
Geologist with more than 25 years exploration experience and Chair SACOME Exploration Committee



We Explore

Pepini
Minerals Limited

PepinNini – offering unique upside potential

- ✓ **Strategic location** – Lithium triangle Argentina
- ✓ **Strategic target commodity** – Lithium market assured
- ✓ **Strategic exploration targets** – Lithium brine salt lakes
- ✓ **Momentum building** – Exploration planned, additional tenure forecast, news flow of activity

PNN - an opportunity for investors to gain early-stage exposure to a strategic commodity explorer with track record of rewarding investors



We Explore

PepinNini

Thank you



Disclaimer and Competent Persons Statement

- The information in this presentation is published to inform you about PepinNini Minerals Limited and its activities. All reasonable effort has been made to provide accurate information, but we do not warrant or represent its accuracy and we reserve the right to make changes to it at any time without notice.
- To the extent permitted by law, PepinNini Minerals Limited accepts no responsibility or liability for any losses or damages of any kind arising out of the use of any information contained in this presentation. Readers are advised to consult a stockbroker or professional adviser before making any investment decisions.
- The information in this presentation that relates to Exploration Results and Mineral Resources is based on information compiled by Philip Clifford BSc MAusIMM. Mr Clifford is the Technical Director of PepinNini Minerals Limited and 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.



We Explore

PepinNini
Minerals Limited

We Explore

*Come on the Lithium journey
with PepinNini Minerals Ltd*

pepinnini.com.au