

Rebecca Holland Kennedy  
Managing Director



## Latest Developments

Presentation to

**SydneyResourcesRound-up** 12 May 2016

# Innovation to greater diversity

*Three new projects in train through innovative thinking and good geology*

1

**Mozart Project – Amadeus Basin,  
WA - Diamonds, Gold and Base  
Metals – tenure application**



2

**Oasis Gold Project – Queensland  
- existing tenure**



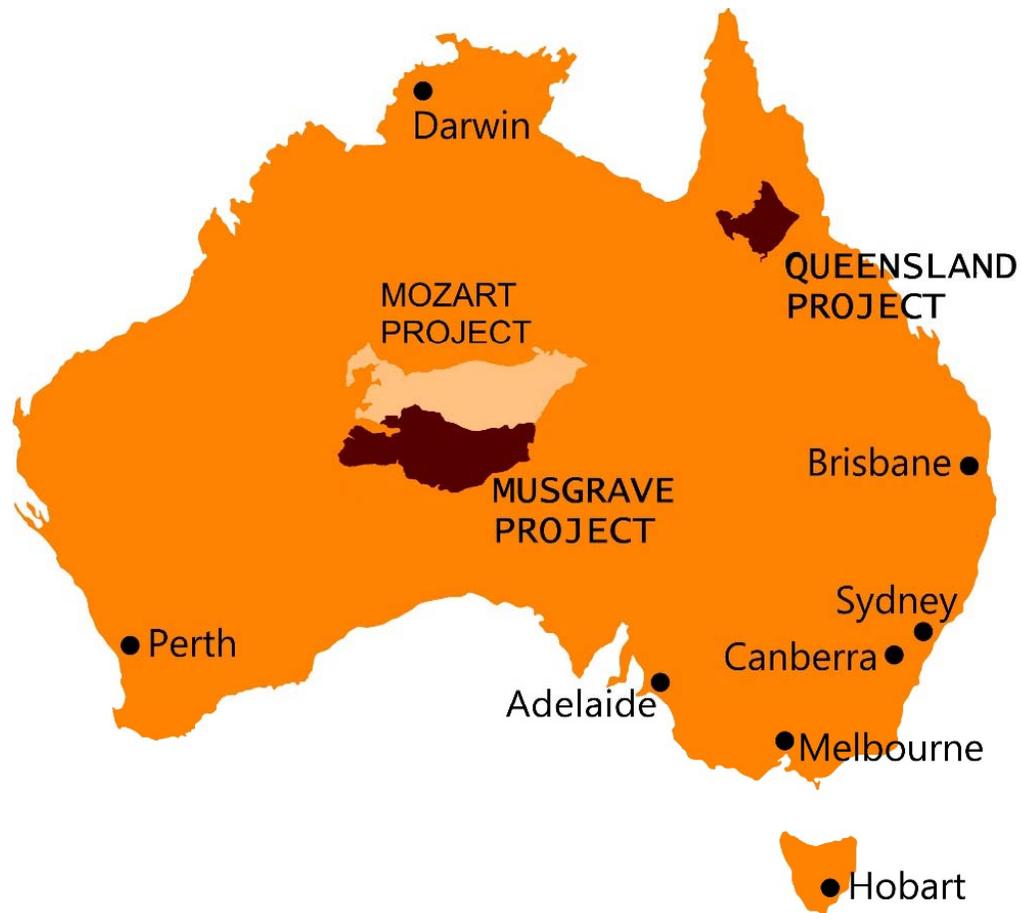
3

**Salta Lithium Brines – Argentina  
- *project generation***



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# PepinNini – Greenfield Exploration Projects

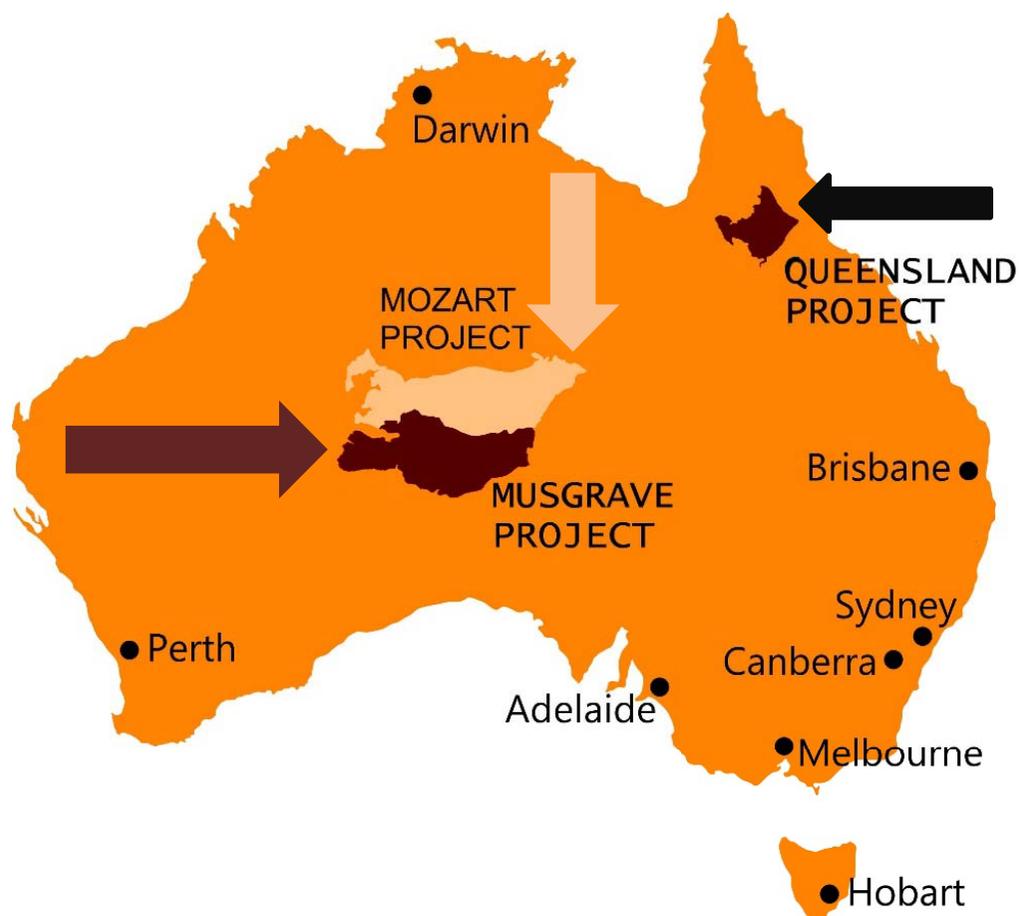


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# Australian Exploration Projects



❑ **Musgrave** – Nickel, Copper Cobalt, Platinum and Palladium (established project)

❑ **Mozart** - diamonds, base metals and gold (new project)



❑ **Queensland** – Oasis gold (new project) and uranium (established project)



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# Argentina Exploration Projects

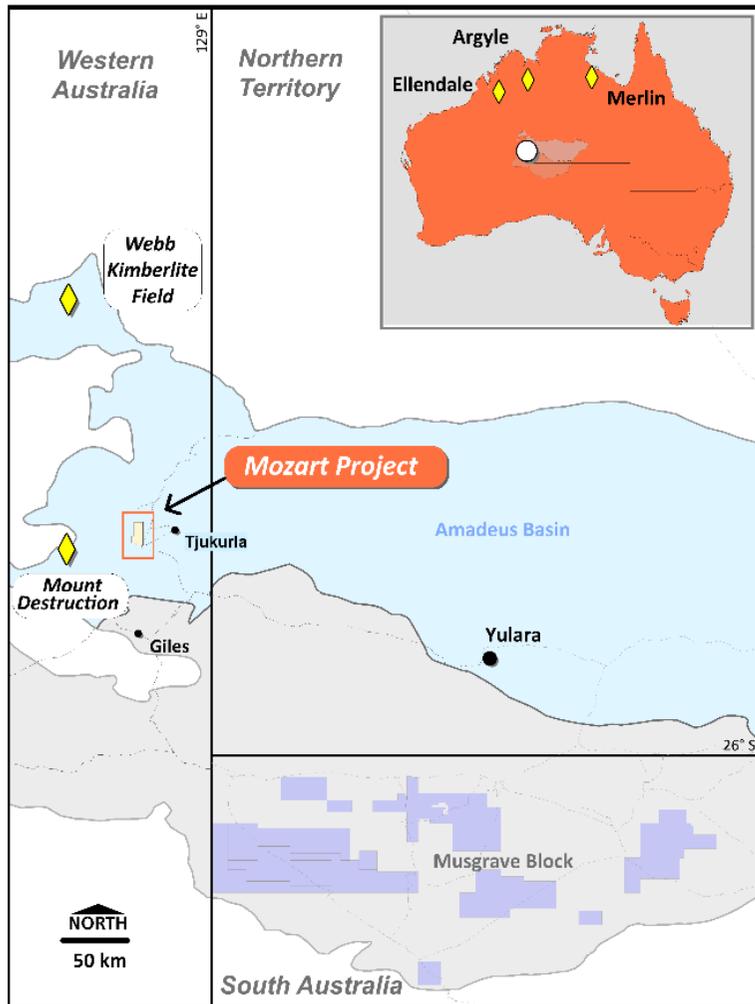


- ❑ **Santa Ines** - Copper, Gold & silver(established project)
- ❑ **Salta Lithium Project** – Lithium brine(being established)



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# Western Amadeus Basin – Mozart Diamond Project



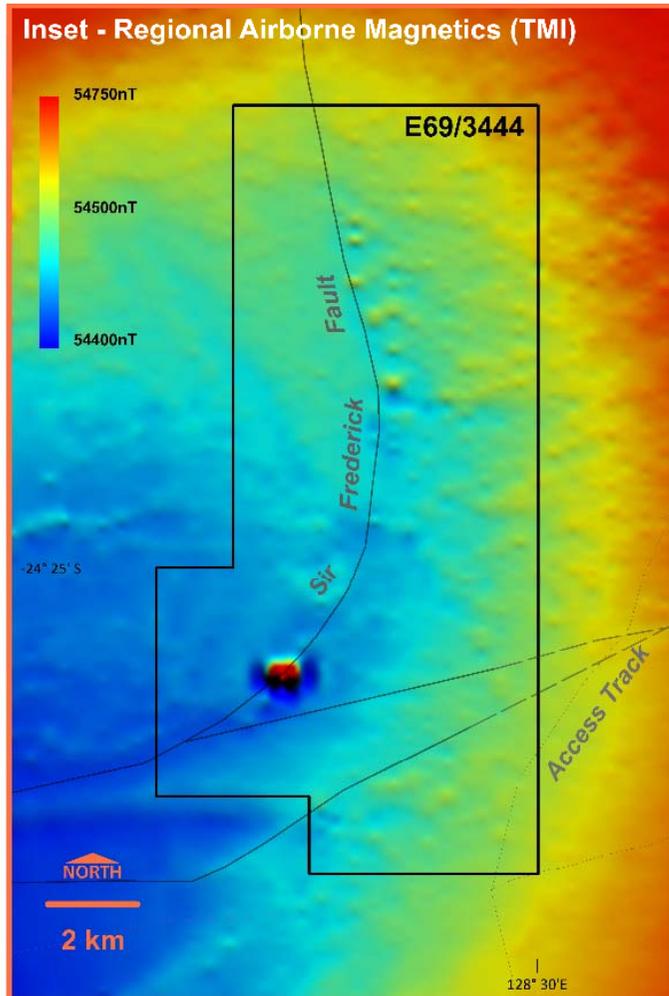
- ❑ Diamonds, base metals and gold potential
- ❑ Unexplored region well located
- ❑ Operational synergy with PNN's Musgrave Project



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# Western Amadeus Basin – Mozart Diamond Project



- ❑ Untested Discrete "bullseye" magnetic anomaly
- ❑ Ground unexplored since 1996 airborne regional geophysical survey
- ❑ Logistically feasible and accessible



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# Argentina - Salta Project – Diverse Commodities



## Santa Ines Project

- Targets are Copper Gold and Silver

## Salta Lithium Project

- Strategic targets are Lithium brines
- High potential for discovery and development
- Infrastructure available



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# Lithium Brine Exploration – Salta, Argentina



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# Lithium Brine Lake – Argentine border to Chile

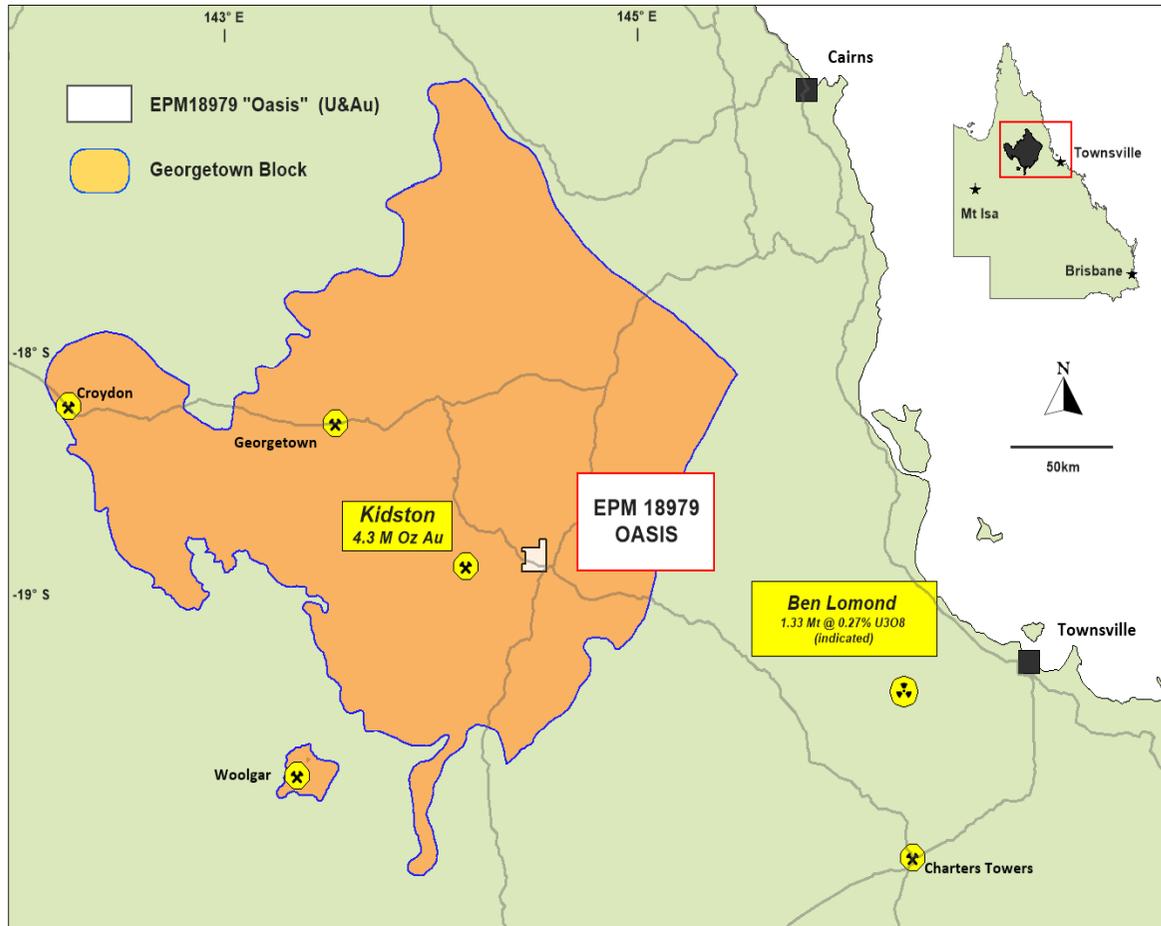


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# Oasis Gold Project –



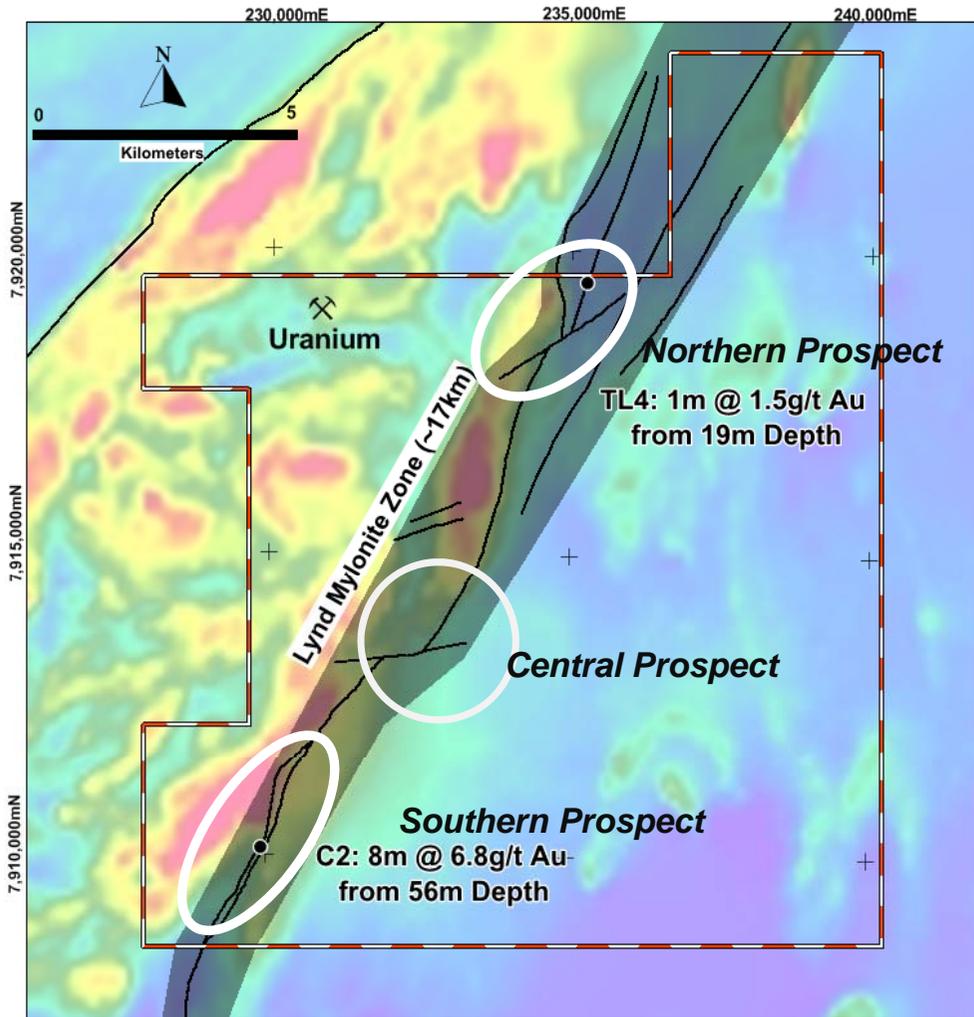
- Known Uranium mineralisation at Oasis
- Historic Gold intersections
- Diligent reinterpretation of geology



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# Oasis Gold Project – potential for discovery



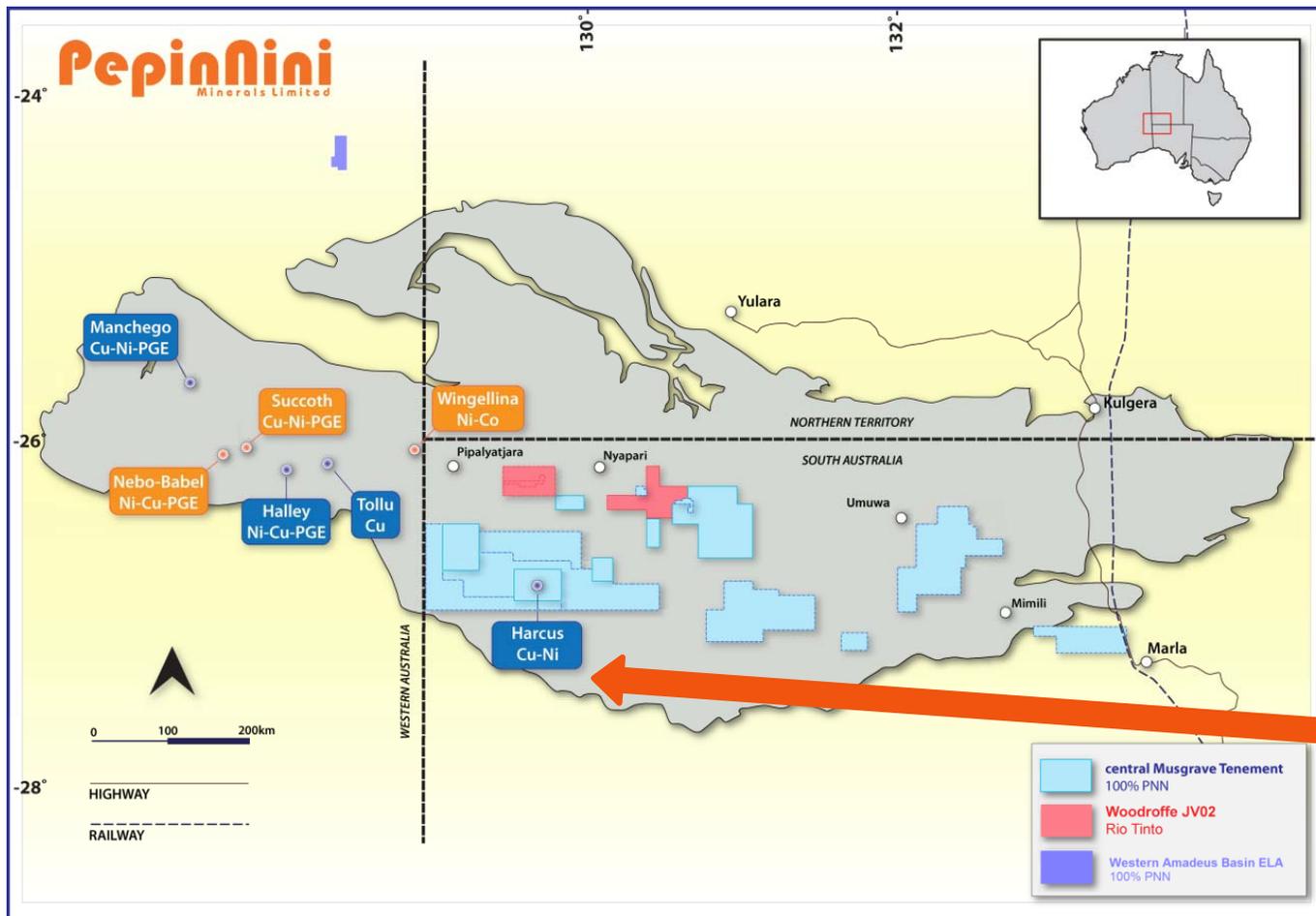
- Gold mineralisation potential along Lynd Mylonite zone



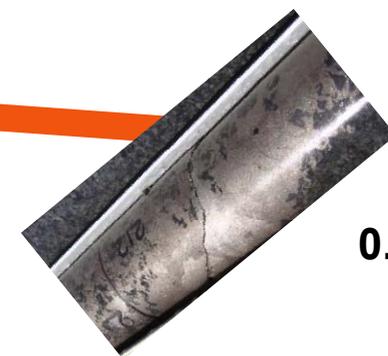
- Potential for epithermal gold deposit
- Field work undertaken and further planned



# Musgrave – project recap and update



- 15 tenements of 15,382 km<sup>2</sup>
- Prospective for Copper, Nickel and Platinum Group Elements (PGEs)
- JV with RioTinto



**Mt Harcus**  
0.3% to 0.7%Cu,  
0.3% Ni



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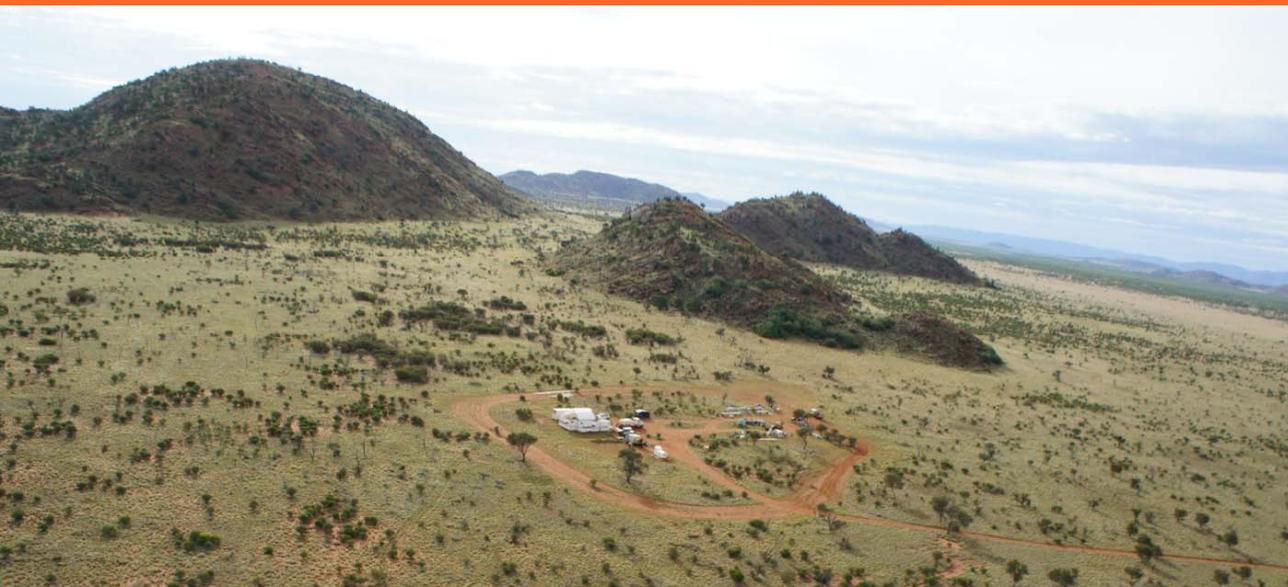
**Extensive Airborne Electromagnetic Survey planned in collaboration with CSIRO and SA DSD**



# Positive engagement with Traditional Owners



# Portable camp and equipment



# Exploration activity planned next 12 months

- ❑ *Musgrave - Airborne Electromagnetic Survey(AEM) - CSIRO and SA DSD*
- ❑ *Argentina – tenure and site verification to tenement application*
- ❑ *Oasis Gold – field work for Northern Prospect and epithermal pathfinders*
- ❑ *Musgrave - Drilling with company drill rigs for targets generated by AEM*
- ❑ *Mozart WA – tenement processing to grant and exploration planning*



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# 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



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# PepinNini – a good value investment

*Exploration is the backbone of the resources industry, be ready for the upswing -*

- ❑ Diverse commodity portfolio
- ❑ Potential Discovery Share Price increase from low base
- ❑ Debt-free
- ❑ Self sufficient exploration capability

April 2016

ASX:PNN

Shares on issue

270,739,774

Options on  
issue(unquoted)

7,800,000

*New Targets –  
Gold, Lithium  
and Diamonds*



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# Thank you



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- ✓ **Gold & Diamonds**
- ✓ **Copper - Nickel**
- ✓ **Lithium**

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