

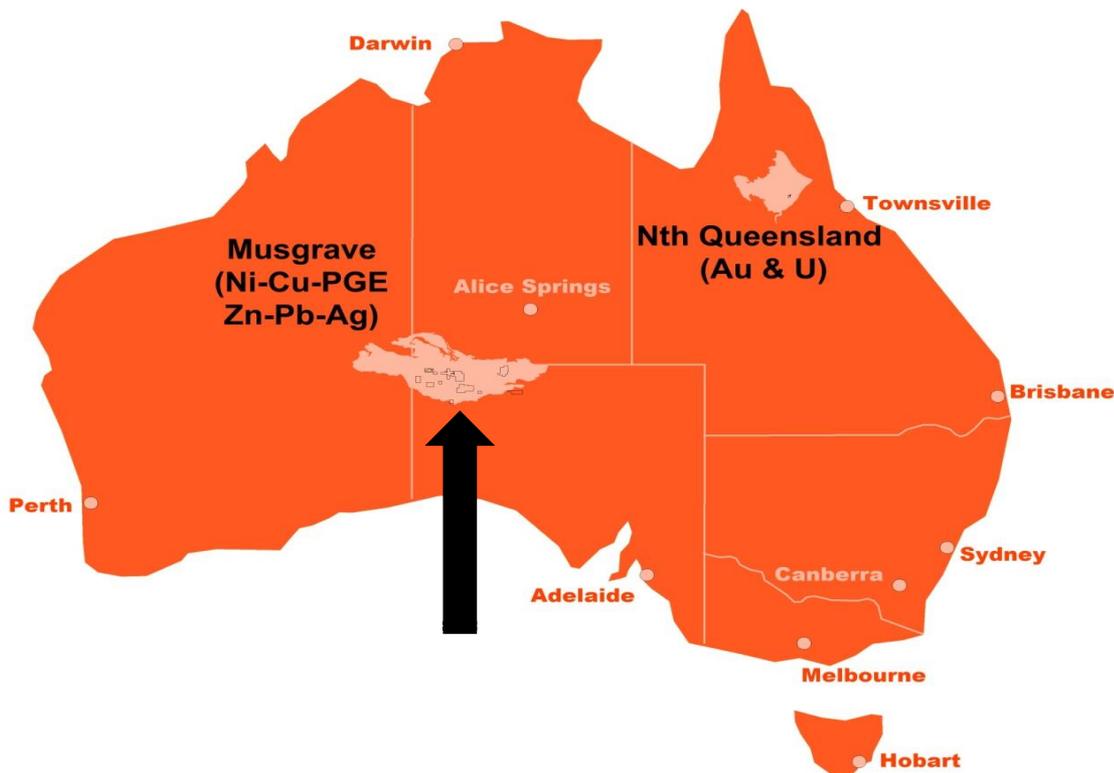
Rebecca Holland Kennedy
Chief Executive Officer



Presentation to Mines & Money, Hong Kong - 6 April 2016

Australian Exploration Projects – April 2016

- Big Ground
- Big Targets
- Big Ambition



We Explore

PepinNini – an active greenfield explorer

- ❑ ***Diversified exploration portfolio***
 - ***Diversification across mineral type: Ni, Cu, Au, Ag, Platinum Group, and Uranium***
 - ***Strategic locations in ancient terrain***
- ❑ ***Low-cost exploration model***
 - ***Company-owned infrastructure – drilling rig and field camp***
 - ***Lean cost base***
- ❑ ***Quality partnership – Rio Tinto Exploration***
- ❑ ***Experienced leadership team with exploration focus***



We Explore

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
and Exploration
Manager**

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

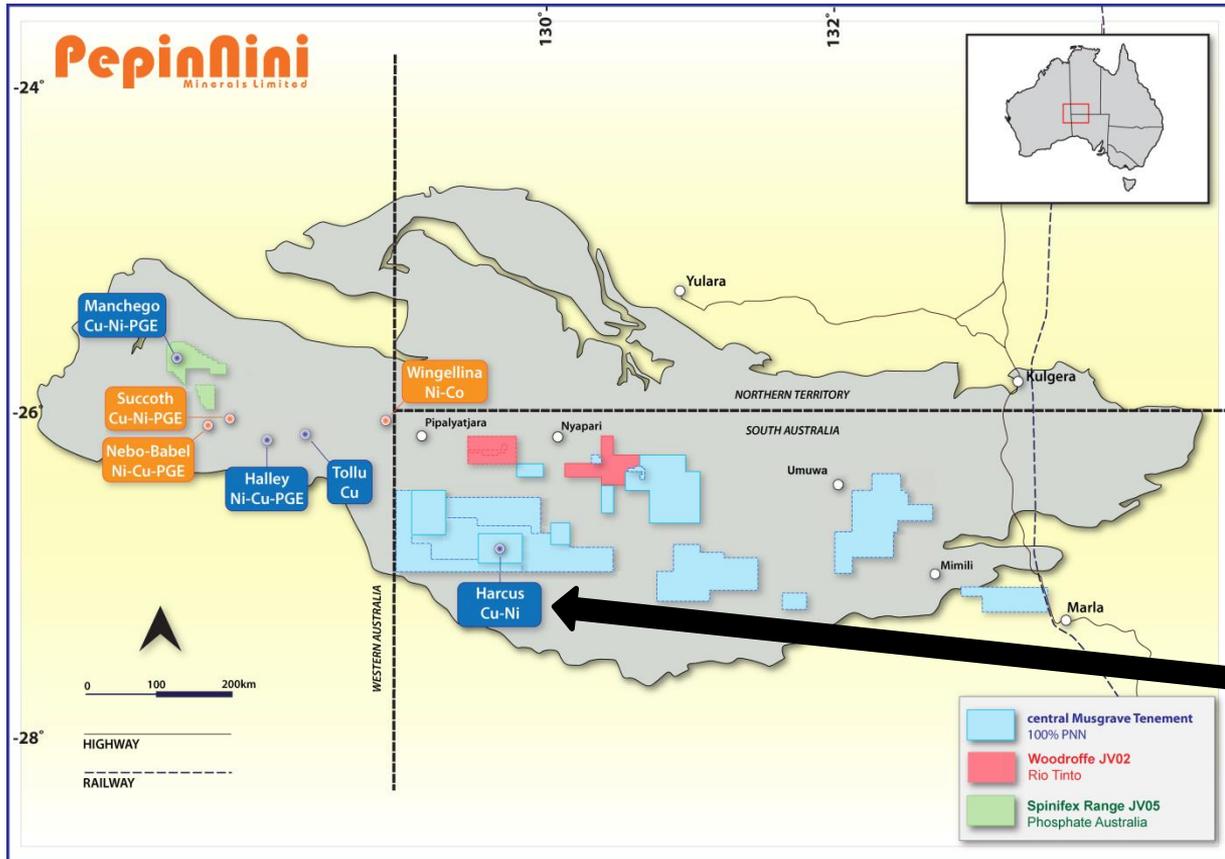


We Explore

A cohesive team – efficient and innovative explorers



Musgrave – a quality project in a safe jurisdiction



- 15 tenements of 15,382 km²
- Prospective for Copper, Nickel and Platinum Group Elements (PGEs)
- PNN strategic foothold in an ancient terrain



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

Exploration activity planned next 12 months

- ❑ ***Airborne Electromagnetic Survey for target generation in conjunction with CSIRO and South Australian Dept of State Development***
- ❑ ***Heritage clearance with traditional owner groups***
- ❑ ***Follow up ground geophysical magnetic survey***
- ❑ ***Vacuum drilling with company drill rig for soil sampling and assay***
- ❑ ***Diamond core drilling with company drill rig for drill testing and sample assay***



We Explore

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



Positive engagement with Traditional Owners



Portable camp and equipment



PepinNini – a resourceful and lucky explorer



We Explore

PepinNini
Minerals Limited

PepinNini Vision - targeting shareholder value

- ❑ *Focus on co-funded exploration collaborations CSIRO & DSD partnership for accelerated targeting*
- ❑ *Maintain strategic equity partnerships*
- ❑ *Cost-effective operations PepinNini owned and operated drilling equipment and field camp*
- ❑ *Maintain standards and Corporate Social Responsibility(CSR)*
- ❑ *Continuous exploration for continuous news flow*
- ❑ *Target discovery for shareholder value*
- ❑ *Be smart Explorers*

Exploration



PepinNini – *a smart investment*

- ❑ Entitlements issue and shortfall shares available at significant discount
- ❑ Potential Discovery Share Price increase from low base
- ❑ Debt-free
- ❑ Fallback Options for resilience
 - Collaborations and equity partners
 - Diverse commodity targets
 - Self sufficient exploration capability

*Funding Target
\$A1 million for
Musgrave Project*

December 2015

ASX:PNN

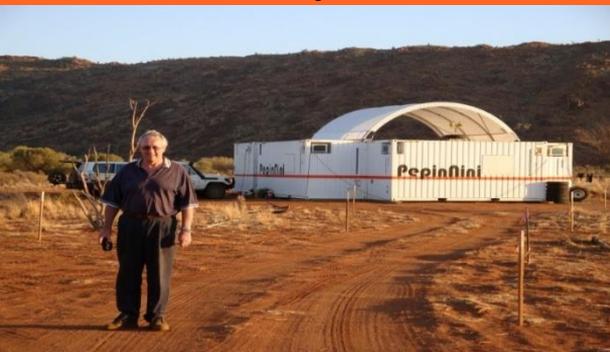
Shares on issue 219,484,486

Options on issue(unquoted) 8,100,000



We Explore

Thank you



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- 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

We Explore

- ✓ **Big Ground**
- ✓ **Big Targets**
- ✓ **Big Ambition**