

Uramient and Magnetite in the Curnamona Province SA Copper/Gold, Lead/Zinc in the Curnamona Province SA Nickel/Copper, Lead, Zinc, Silve

the Musgrave Province SA

Iron Ore in the Midwest WA

Phosphate and Pota

Gold, Silver and C

- All

ilver, Copper and Uranium in North Qld

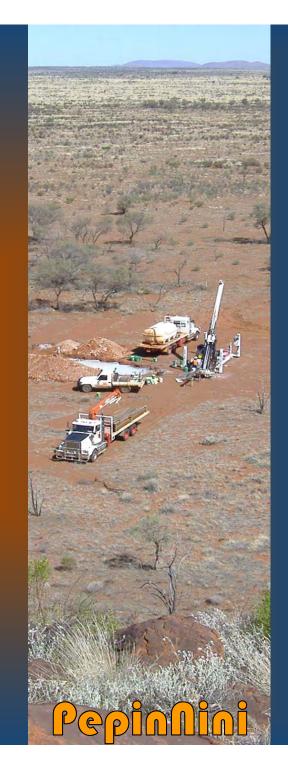
in North Qld

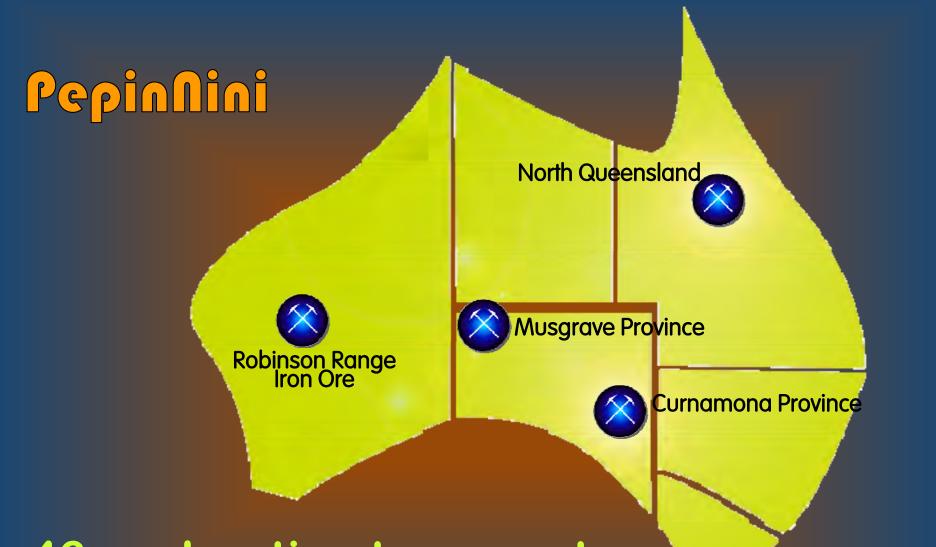
CPININI Mineral/limited

A diversified Australian mineral exploration company

Capital Structure (27th April, 2011)

- 89,702,499 shares on issue
- Currently 1,920 shareholders
- 48% of issued capital held by top 20 shareholders
- Currently capitalised at AUD\$15 million
- Current cash AUD\$5.4million (+ AUD\$4.6million expenditure from Sinosteel JV)



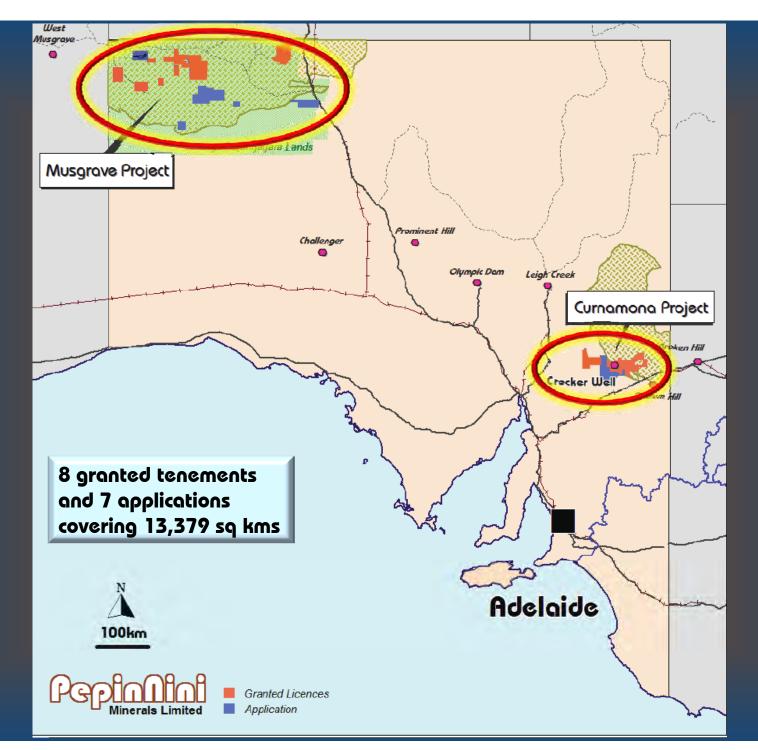


46 exploration tenements covering 16,000 sq.kms.

PepinNini

1 granted tenement and 6 applications covering 330 sq.kms.

Salta Province



Curnamona Province Project

(40% PepinNini 60% Sinosteel Corporation)

Advanced Uranium Project – Crocker Well

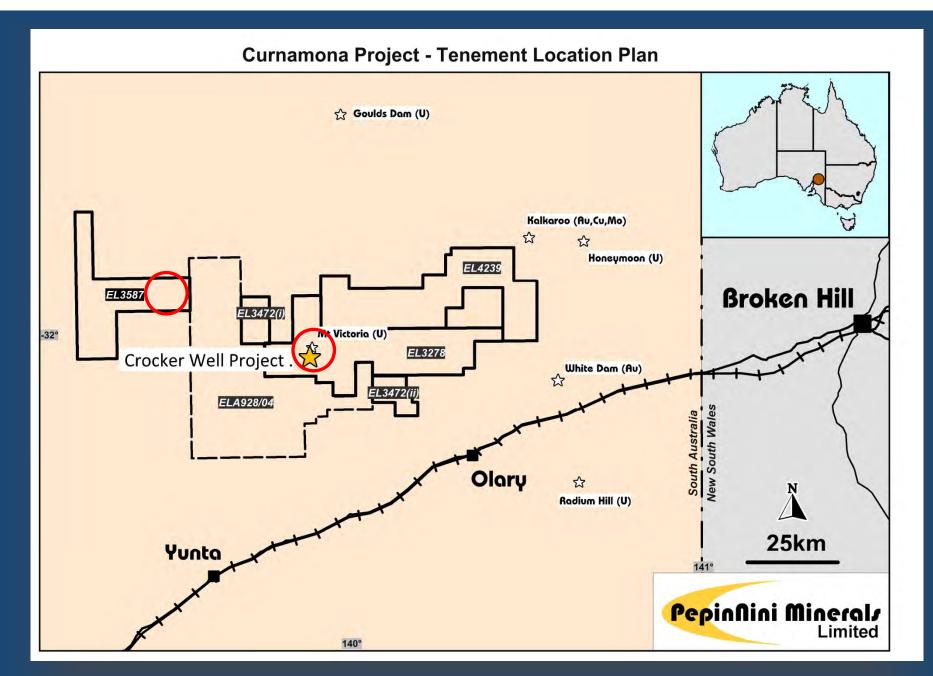
- Joint Venture alliance with Sinosteel Corporation to jointly explore and develop the Uranium Project
- JORC compliant U₃O₈ resource at Crocker Well of 11.66Mlbs (Indicated 8.27Mlbs, Inferred 3.39Mlbs) grading 281ppm
- BFS delayed until improvement in uranium price and \$US

Other Projects

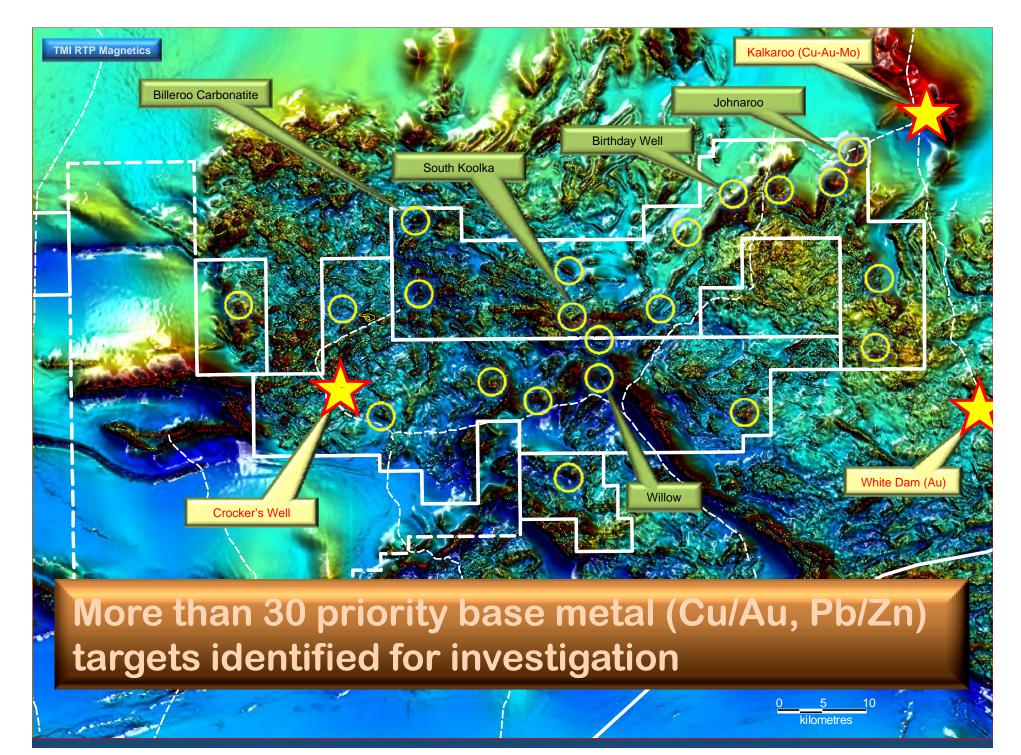
- More than 30 Base Metal (Copper/Lead/Zinc) and Gold targets ready to drill
- Three Braemar Iron Formation Magnetite Prospects identified







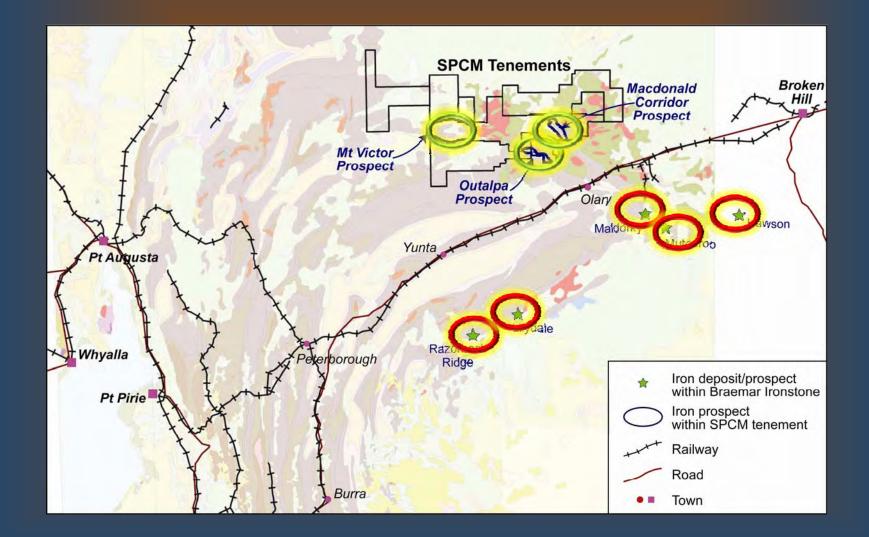
5 Tenements covering 3,778 sq kms



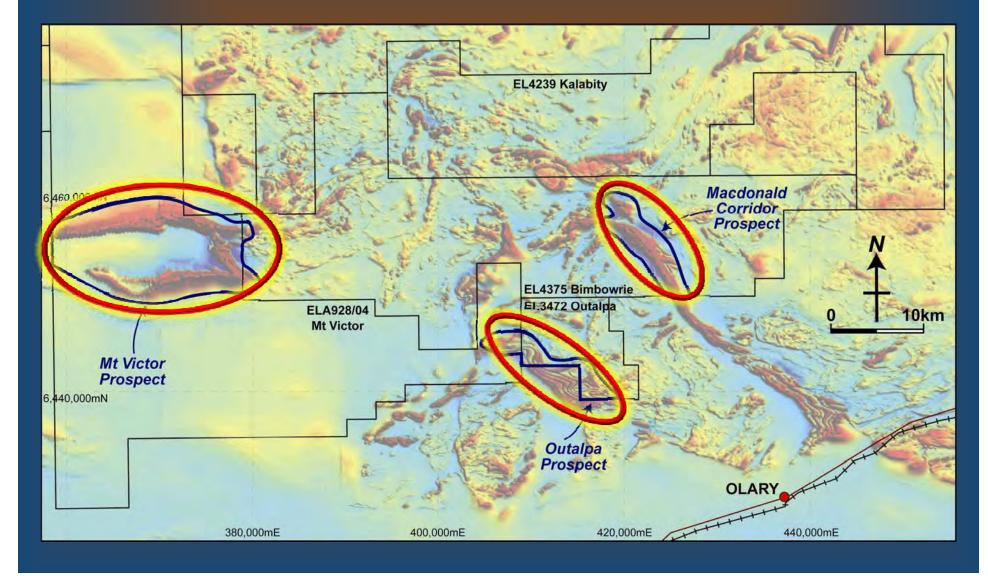


Encouraging drill intersections by previous explorers include 10m @ 2.07g/t Au, 0.74% Cu, 5.6m @ 8.5% Cu and 32m @ 0.66% Zn

Braemar Ironstone Magnetite



3 Initial Targets



Braemar Ironstone Magnetite

Encouraging positive exploration drilling and metallurgical results have recently been publicly reported by other explorers in the area

- Very thick (300 m +) and laterally very extensive sequences of magnetite-bearing strata with average DTR recoveries of 15–20% yielding a premium magnetite concentrate of 67–70% Fe
- Carpentaria Exploration Ltd have announced an Inferred Resource of 1.4 Billion tonnes with an average DTR mass recovery of 15.5%, yielding a magnetite concentrate containing 69.9% Fe for their Hawsons Iron Project



Braemar Magnetite Project

Project attractions:

- Potentially very large deposits (>billion tonnes) easily exploitable from surface and amenable to open cut mining
- Soft siltstone host with the magnetite being easily liberated, resulting in low cost mining and low power requirements for processing (greatly reducing OPEX)
- Ore does not require ultra-fine grinding thus reducing OPEX
- High-grade, premium quality concentrate product with low impurities (~68-70% Fe, ~<3% SiO2, <0.01% S)
- Access to open-access rail, road, power and port infrastructure with excess capacity (reducing CAPEX)



Iusgrave Province Project Nickel, copper, PGE's lead, zinc, silver





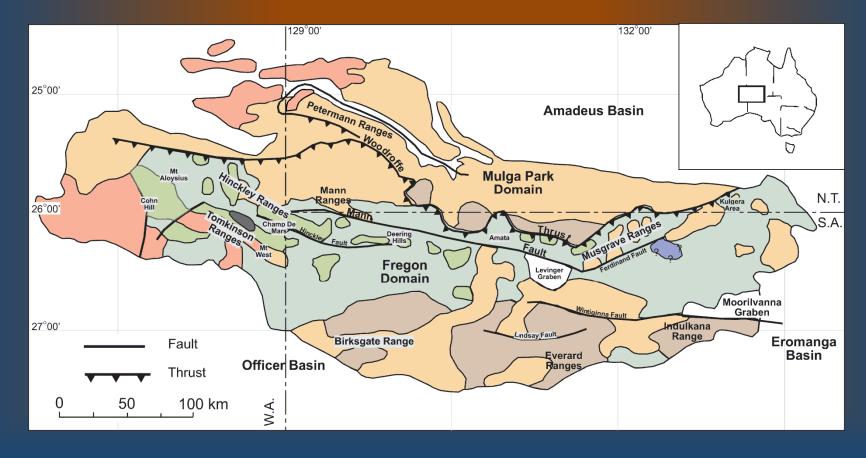
- Long term commitment to explore potential for world class size mineral deposits
- Company owned drilling rigs and support equipment
- Company owned field camp

Cost effective exploration

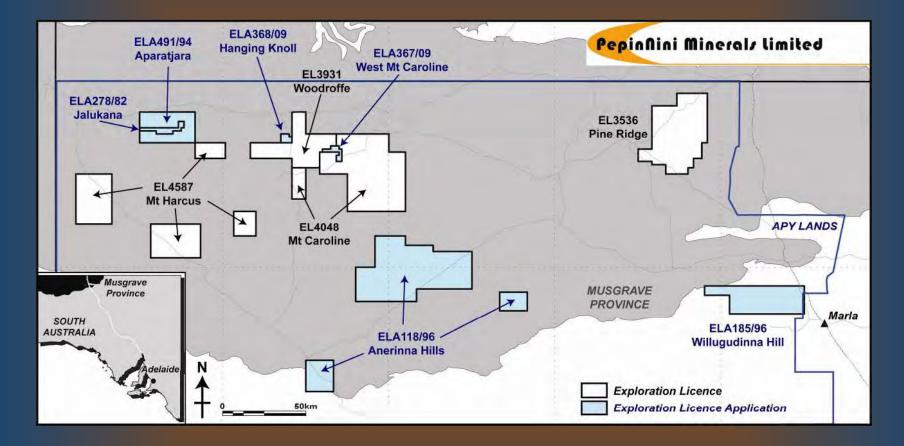


Musgrave Province Project

<u>TARGETING</u> Nickel, copper, PGE's (<u>Giles Complex</u>) Copper, lead, zinc, silver (<u>Birksgate Complex</u>)



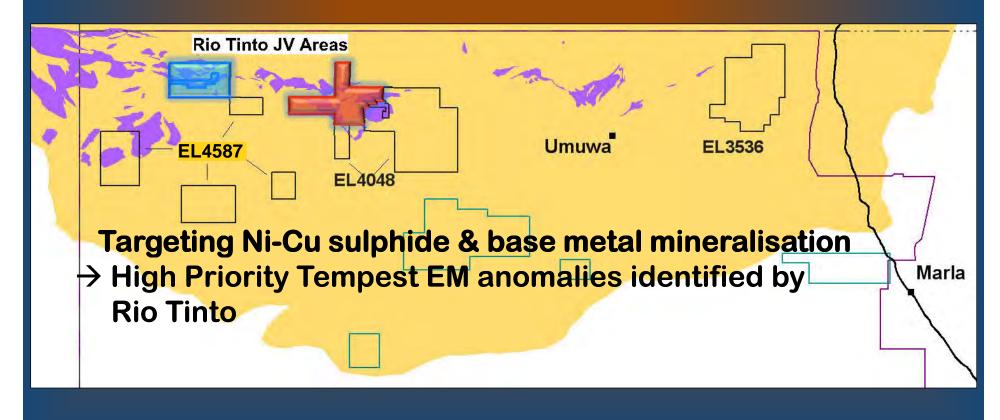
Musgrave Province Project

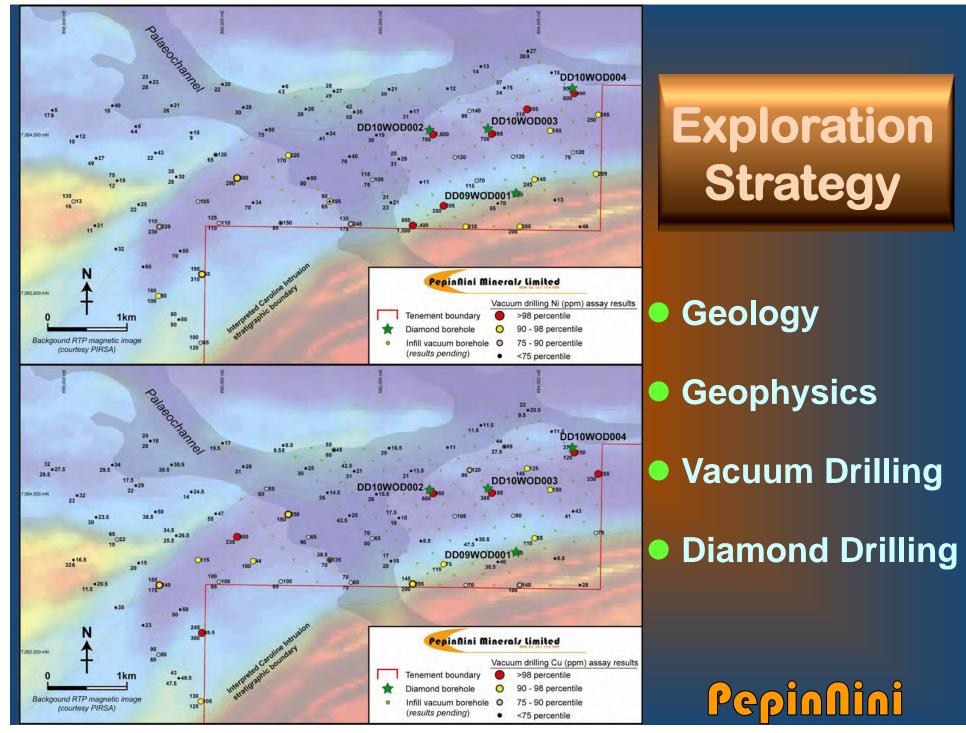


4 Granted Exploration Licences 6 Exploration Licence Applications covering 9,600km²

Rio Tinto Joint Venture

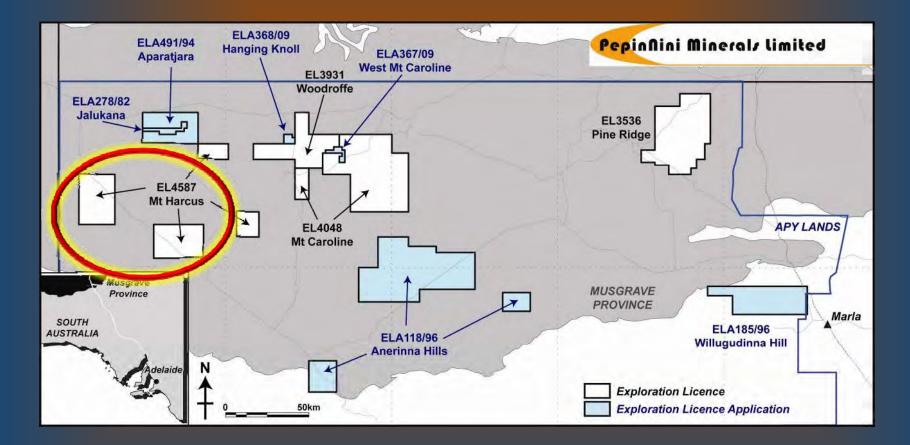
- Three tenements covering 1,382km²
- Expenditure of \$4m over 4 years to earn 51%
- One tenement granted EL3931 Woodroffe
- Two tenement applications Jalakana & Aparatjara





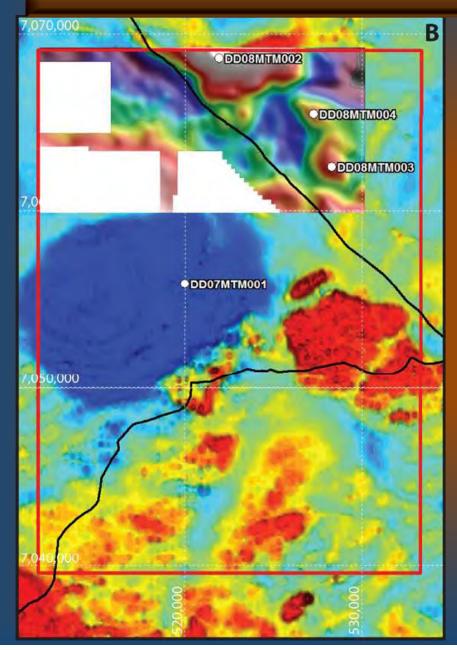
EL 4587 Mt Harcus

Two Magnetic Features have been investigated



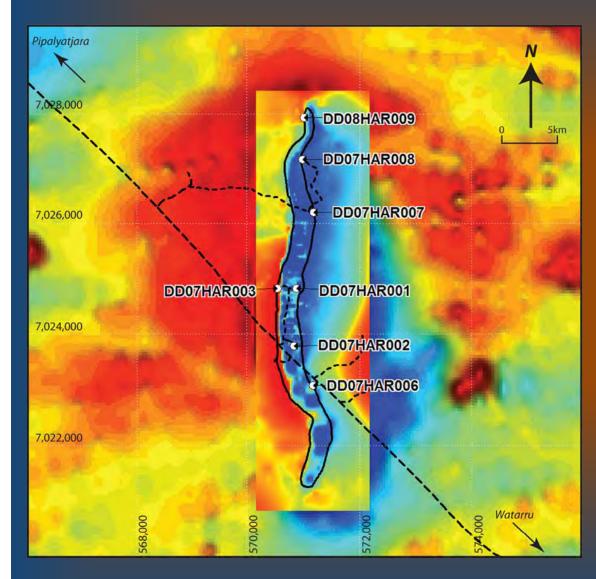
Pepinnini

Mt Moulden Block – Nickel Sulphide Targets



- Nickel copper sulphide & platinum group metal targets
- Prospective Giles Complex rocks in NE of block
- Similar geological setting to Voisey's Bay (Ni-Cu)
- Large 10x15km magnetic anomaly & gravity feature
- Sulphides intersected in PIRSA drilling - elevated Ni, Cu, Au, Pt in chip samples
- Four diamond drill holes sulphur saturation confirmed

Mt Harcus Block – Nickel Sulphide Targets



- Nickel copper sulphide & platinum group metal target
- Similar geological setting to Voisey's Bay (Ni-Cu)
- Extreme magnetic anomalies (up to 65,000nT)
- Harcus Intrusion 7km x 350m (mag-gravity) – 7 diamond drill holes
- Disseminated and massive sulphides intersected

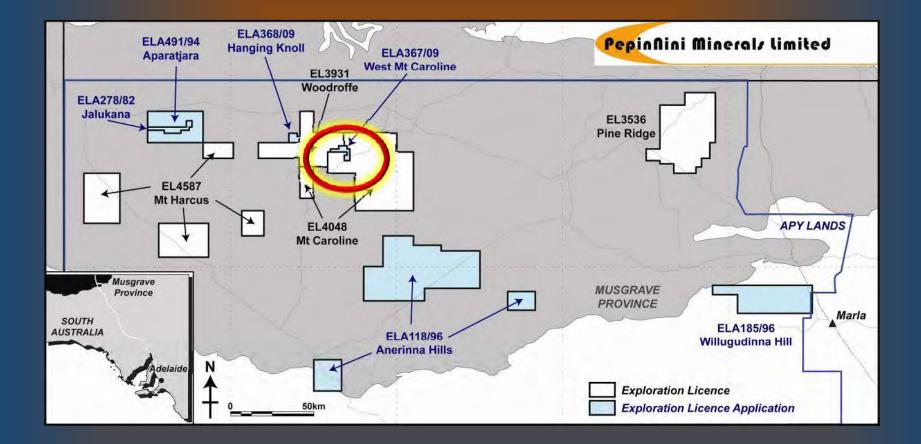




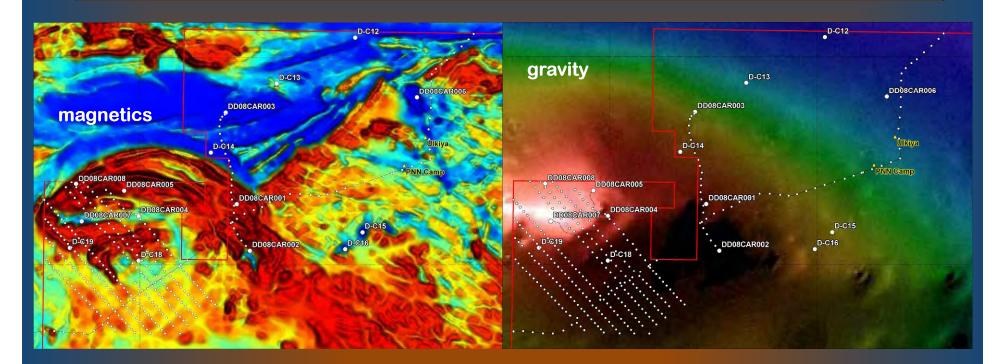


EL4048 Mt Caroline, EL3931 Woodroffe

Caroline Intrusion has been investigated

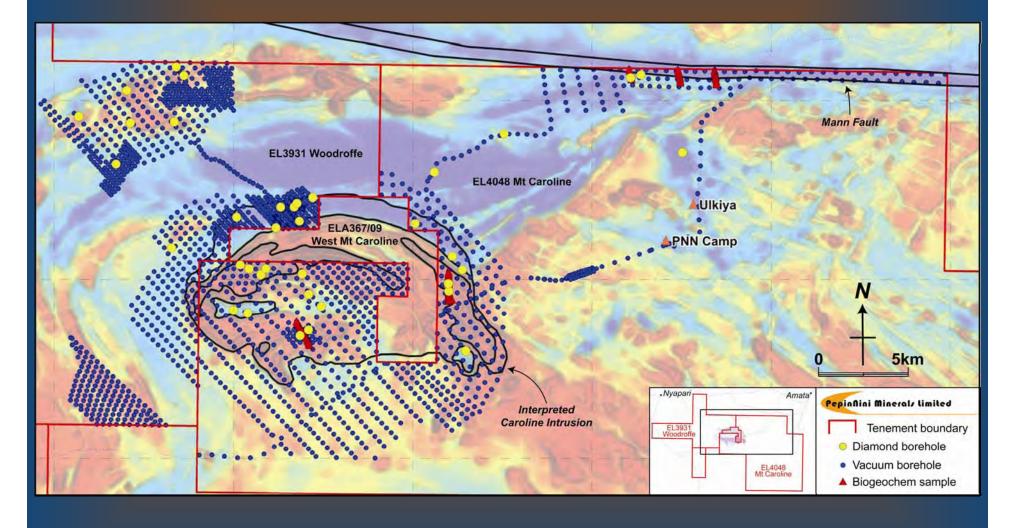


Mt Caroline – Nickel Sulphide Target



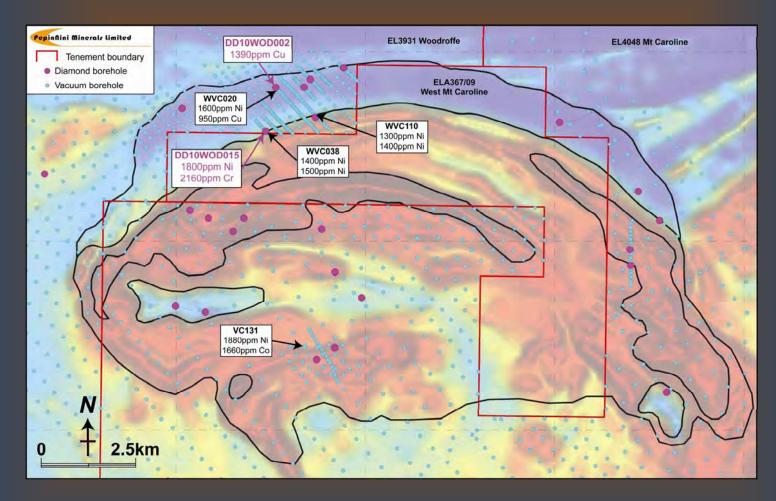
- Mt Caroline intrusion nickel copper sulphide & platinum group metal target
- Similar geological setting to Voisey's Bay
- Large (18x8kms), undercover, layered mafic/ultramafic intrusion
- Pendlandite reported in surface sample collected by PIRSA in 2004
- Airborne EM survey conducted by Rio Tinto over much of the intrusion

Diamond and Vacuum Drilling Mount Caroline Intrusion



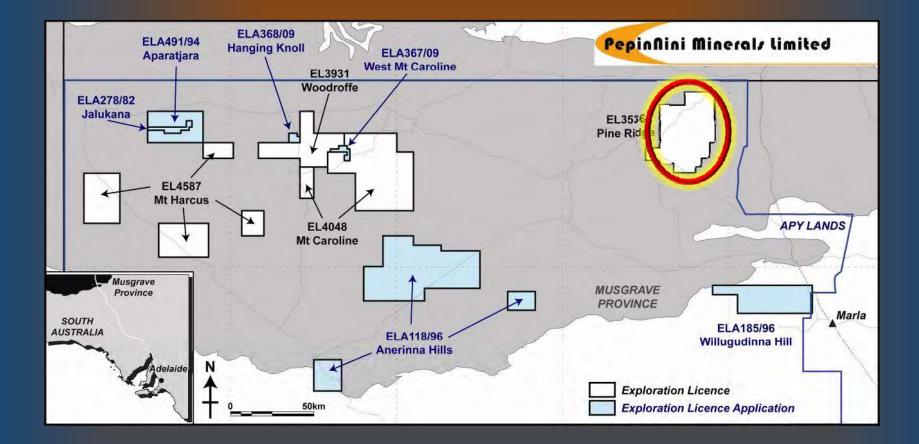
Pepinnini

Anomalous Diamond and Vacuum Drilling Results

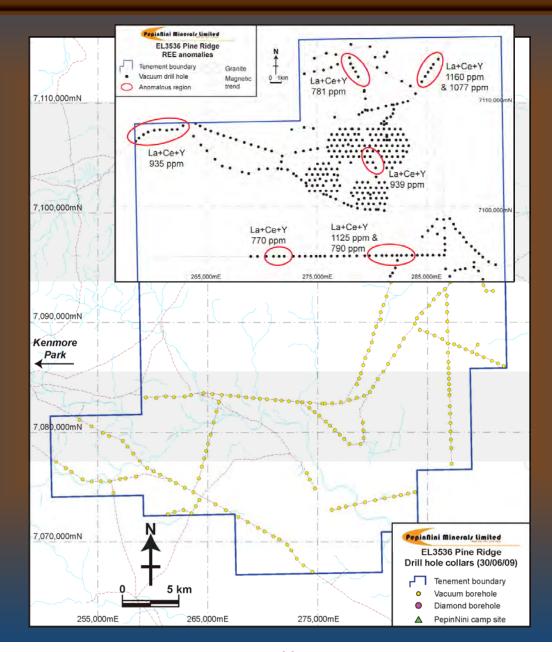


Sulphides intersected in the majority of diamond holes





- Mapped Ultramafic Proposed RAB Drilling Ni-Cu Prospect EL3536 "Pine Ridge" Kenmore 2 (Ni) Kenmore 1 (Ni) Eremorphila South Bank 5 km Geotem Survey Outifnes N Aidan Walking TMI - image Up to 2% Cu, 9.8m @ 0.41% Cu, rock chip samples up to 1.5% Ni
- Acquired from Rio Tinto
- Mapped ultramafic rocks
- Known Ni & Ni-Cu prospects
- Basement rocks similar to Broken Hill region
- Potential base metal targets



PIN002: 124.68m-124.97m 0.48% Cu

PINOO2: 310.5-312.15m 0.4% Cr

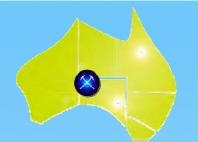
Mineralised migmatitic gneiss and metabasites rocks (Birksgate Complex)

Serpentinised olivine-bearing ultramafic rocks (Giles Complex?)



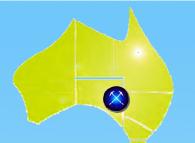
Garnetites & calcsilicates → Broken Hill-type?





Musgrave Project Summary

- **10 tenements covering 9,600 sq kms**
- Long term commitment to explore potential for world class size mineral deposits
- Targeting Giles Complex mafic-ultramafic intrusions – prospective for Ni-Cu sulphide & PGE mineralisation
- Base metal (Cu, Ag-Pb-Zn) mineralisation in felsic and mafic gneisses of the Birksgate Complex is also being targeted



Curnamona Project Summary

- **5** tenements covering 3,778 sq kms
- Markov Joint Venture with Sinosteel Corporation (Sinosteel 60% / PepinNini 40%)
- Advanced uranium project at Crocker Well (11.6Mlbs @ 281ppm)
- m Base Metal (Copper, Lead, Zinc) and gold
- Investigation of Braemar Iron Formation
 Magnetite Potential currently prioritised



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