PepinNini Minerals

Investor Presentation

A diversified explorer pursuing world-class discoveries



ASX:PNN

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Corporate Snapshot

Board Management

Share Price (10/11/20) **\$0.17**

Market cap (10/11/20) **\$5.6m**

52 week low/high 0.001/0.30

Shares on issue 32.75m

Options on issue (unquoted & exercisable at various prices)
12,711,251

Top 20 holders **41.13%**

Chair & Managing Director
Rebecca HollandKennedy

Non Executive Director
Andre Wessels

Non Executive Director
Luis Kennedy

Company Secretary

Dom Francese

Argentina

Director
Ignacio Celorrio
Exploration Manager
Marcela Casini



Projects



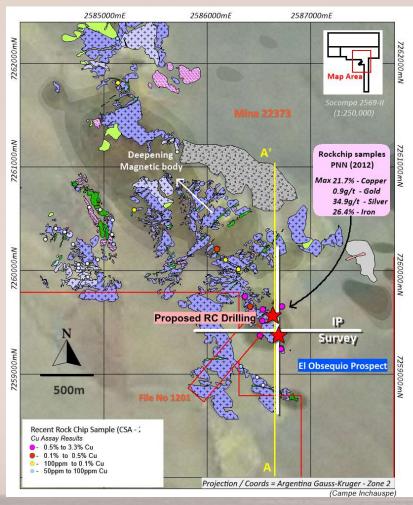
Santa Ines Copper Gold Project – Strategic Location

- Located 80km from Copper Mine Escondida (BHP) on same geological structure
- High grade surface samples from historic workings 21.7% Copper, 0.91g/t Gold, 34.9g/t Silver,
- Subsequent surface sampling 3.25% Copper, 0.8g/t gold, 12.5g/t Silver & 91.1ppm Molybdenum

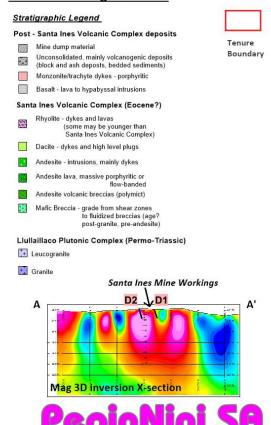




Santa Ines Copper Gold Project – Work done and planned



<u>Santa Ines Project - El Obsequio Prospect</u> <u>Planned Drilling Activities</u>

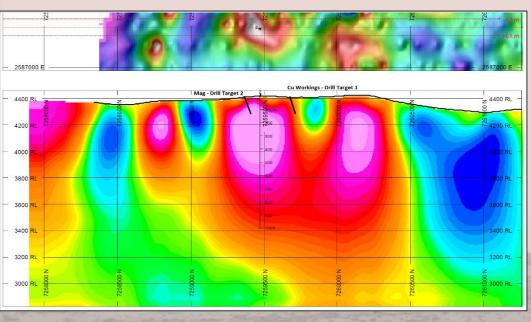


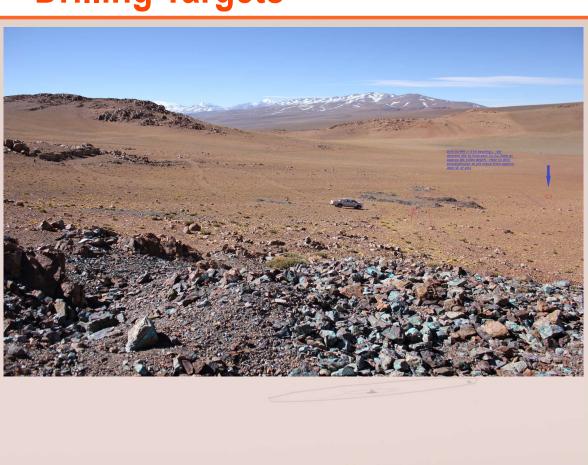
- Ground IP geophysical survey indicated potential targets for drilling
- Drilling permit expected before the end of the year
- Drilling planned initially two boreholes –January 2021



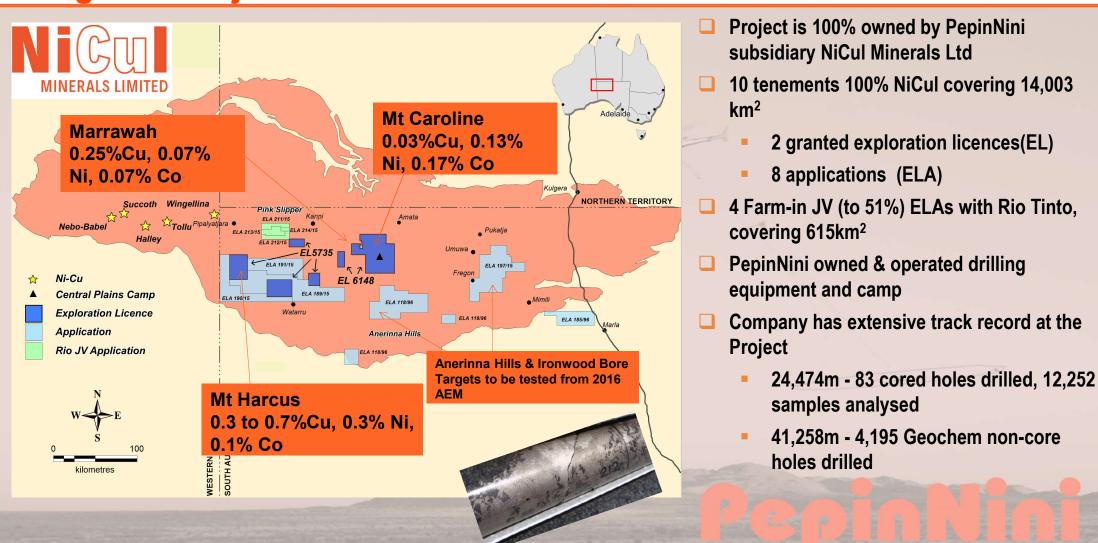
Santa Ines Copper Gold Project – Drilling Targets

- Drilling target 1 to test historic workings
- Drilling target 2 to test deeper geophysical target El Obsequio





Musgrave Project - Overview



Musgrave Project Highlights



AEM - Unlocking new discovery targets at Musgrave



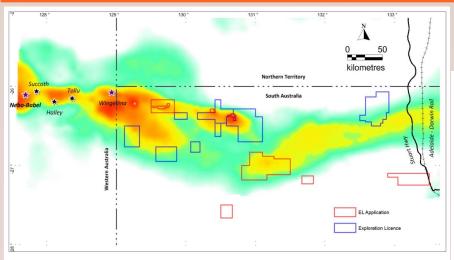
Helicopter mounted SkyTem ³¹² Fast AEM

Fixed Wing Tempest® AEM

- □ Collaboration of PNN, CSIRO, SA Govt and Geoscience Australia for airborne electromagnetic(AEM) survey over 31,000km² of Musgrave Province
- Targeting areas previously never surveyed including 50% of PNN tenure

Delivered accelerated target definition for PepinNini

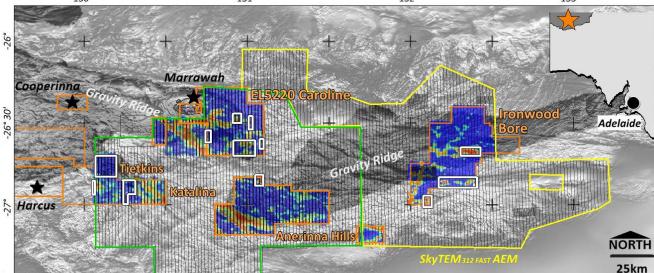
Technical innovation delivers enhanced targets



Musgrave Province Regional Gravity Image pre-2016 collaboration AEM

Collaboration AEM is a game changer – delivers enhanced geophysical targets

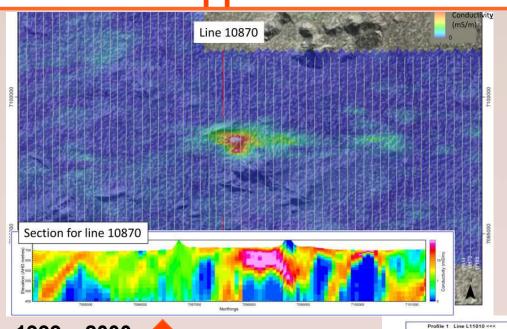
Targets generated by collaboration AEM to be drill tested



Geoscience Australia (GA) regional magnetics (greyscale), Regional gravity ridge (shadow)
Tempest EMZ channel 10 - Pseudocolour, SkyTEM EMZ channel 32

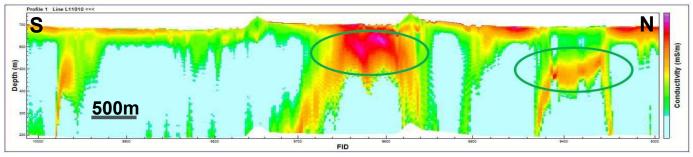
Datum = Lat/Long (GDA94)

The Pink Slipper – a once in a century target



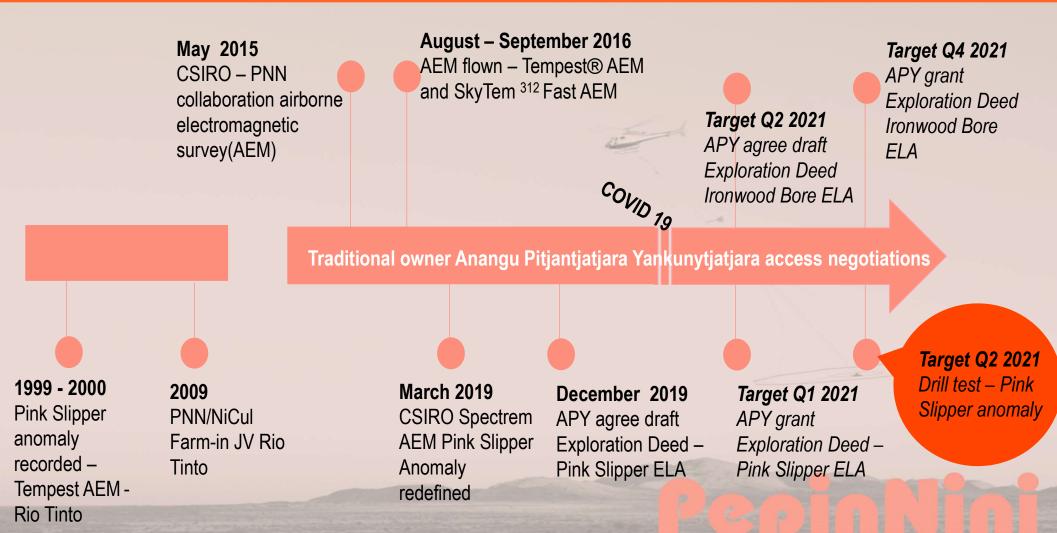
Pink slipper target is a bedrock anomaly coincident with the base of a large ultramafic intrusion - a good candidate for sulphide accumulation - the equivalent model to Voisey's Bay, Canada 124mt @ 1.66% Ni discovered in 1993 and 10 x Nova Bollinger

1999 – 2000 Tempest® AEM – Pink Slipper geophysical anomaly defined



March 2019 - Spectrem AEM – CSIRO Pink Slipper geophysical anomaly confirmed and refined

Project highlights timeline update – Momentum building



Highly efficient exploration model



- Company owned infrastructure drilling rigs,
 equipment and field camp
- Immediate rig availability
- No time lags and delays for camp set up/ rig deployment
- Low cost exploration with major upside potential



Land access Anangu Pitjantjatjara Yankunytjatjara Lands



Strong Relationship - Positive Social Impact

Investment Highlights – Musgrave: a high potential Project

- ✓ Large tenement holdings significant terrain, promising geology
- ✓ Successful exploration methodology massive sulphides identified within prospective rocks
- ✓ Value-accretive exploration with Traditional Owners to grant access with drilling of Pink Slipper target planned for 2021
- ✓ First-mover advantage unlocking access to previously untested ground
- ✓ Technical innovation CSIRO collaboration AEM unlocks high priority targets
- ✓ Cost-effective exploration company-owned and operated drilling equipment



Salta Lithium Brine Project - Argentina





PepinNini

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TARGETING, EXPLORATION, DISCOVERY

