

## ASX ANNOUNCEMENT

29<sup>th</sup> April, 2013

### Cooperinna Project - Exploration Update Musgrave Project, SA.

- Commencement of ground EM surveying of V-TEM/SkyTEM<sup>508</sup> targets.
- Infill Vacuum Drilling across VTEM prospect areas.

PepinNini Minerals is pleased to announce the commencement of ground geophysical surveying within the Cooperinna Block of EL4587 (100% PepinNini).

The ongoing exploration activities will include the ground electromagnetic (EM) surveys as well as infill vacuum drilling which will enable PepinNini to refine and prioritise the diamond drill testing of a number of priority VTEM and SkyTEM<sup>508</sup> targets within the Cooperinna Project area. The work will contribute to the Company's ongoing search for magmatic Nickel-Copper sulphide deposits across the Musgrave Province of South Australia (*figure 1*).

The geophysical surveys will be undertaken to further refine and model airborne V-TEM / SkyTEM<sup>508</sup> conductivity targets. Both moving loop (MLEM) and targeted fixed loop electromagnetic surveying (FLEM) are planned and should take approximately two weeks to complete. The survey activities had been deferred until now due to delays incurred securing adequate heritage clearance and awaiting the availability of suitable geophysical survey crew and equipment.

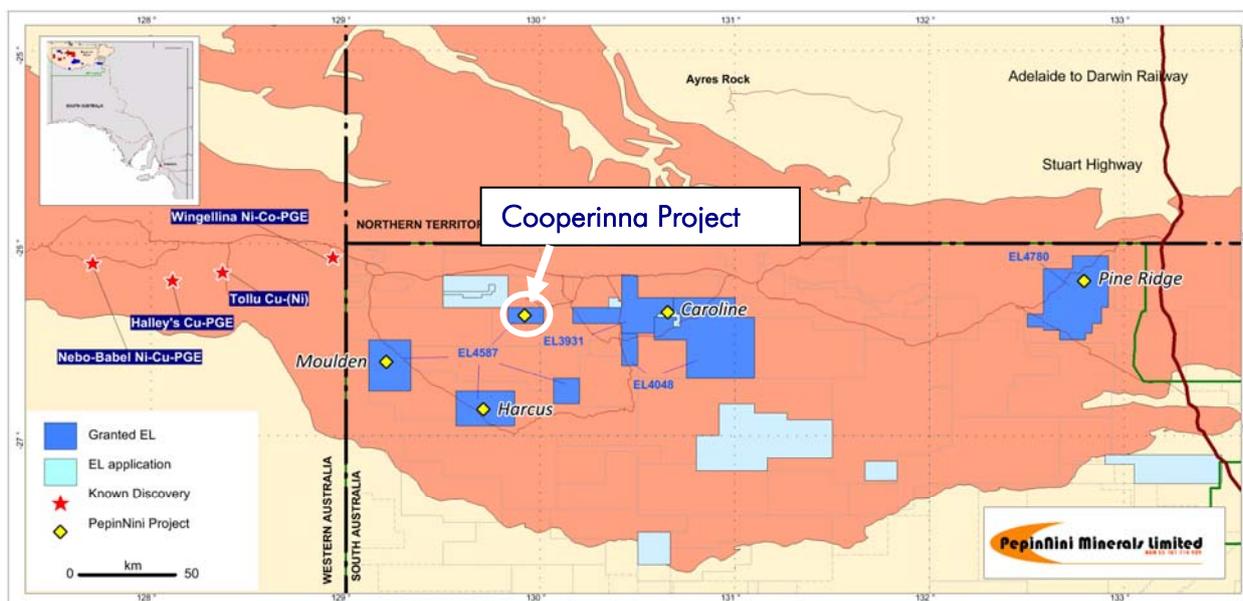


Figure 1: Tenement Location Plan

**Cooperinna EL4587 : Planned Ground EM Follow-up Locations**

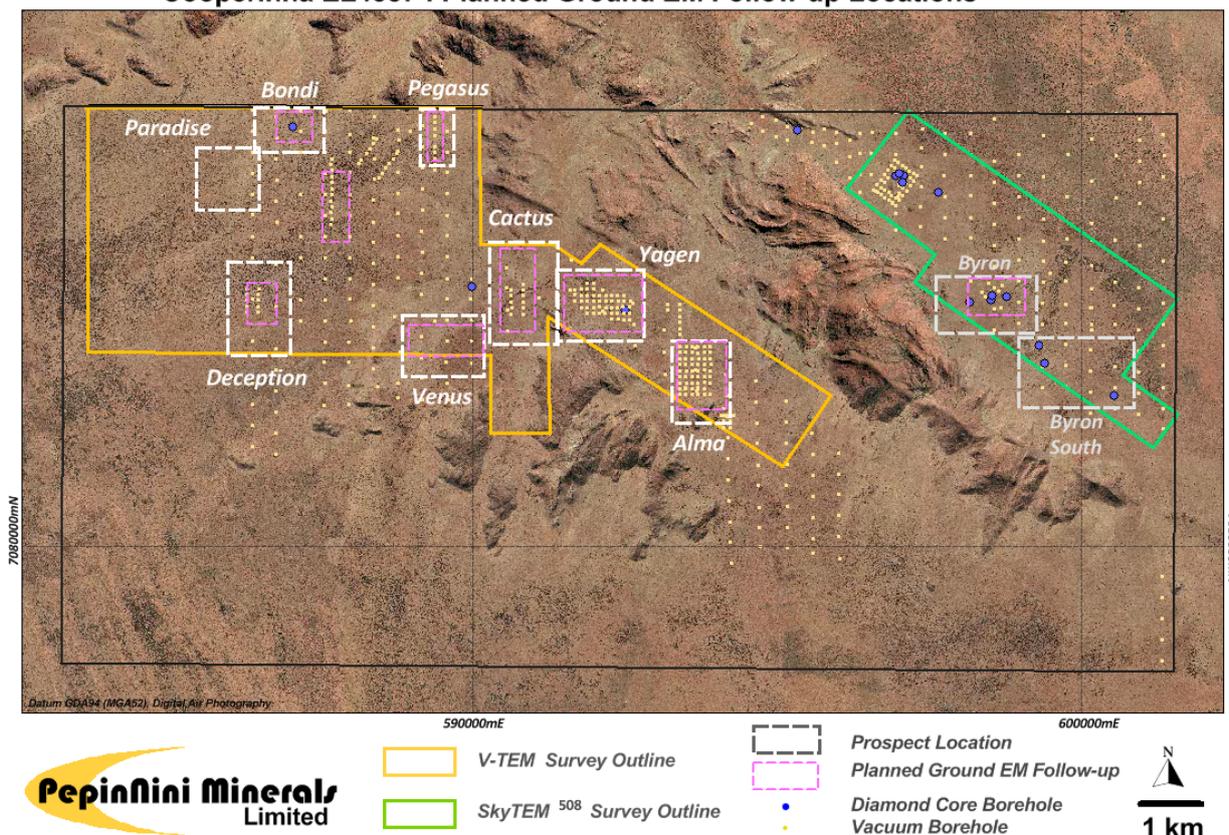


Figure 2: Location of planned ground EM follow-up, Cooperinna block (EL4587)

Infill vacuum drilling activities have focussed on the Yagen, Alma, Pegasus, Cactus and Deception Prospects during the first part of 2013 with the aim of extending bedrock mapping beneath shallow cover and testing the geochemical dispersion patterns across each of the prospect areas. Geochemical analyses of regolith samples taken using the vacuum rig have returned maximum values of 260ppm Ni and 350ppm Cu from the Alma Prospect and 470ppm Ni and 130ppm Cu from the Yagen Prospect.

*The information in this report that relates to Exploration Results is based on information compiled by Phil Clifford BSc MAusIMM. Phil Clifford is the Exploration Manager 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 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Phil Clifford consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

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**Note:** Additional information on PepinNini Minerals Limited can be found on the website [www.pepinnini.com.au](http://www.pepinnini.com.au)