

# PepinNini Minerals Limited

## ASX ANNOUNCEMENT

21 April 2015



### Commencement of Vacuum Drilling, Musgrave Project, South Australia

PepinNini Minerals (ASX: PNN) is pleased to announce the commencement of regional vacuum drilling across high-priority Nickel Sulphide (Ni-S) prospects identified within the Company's 100% owned Caroline Project EL5220 ("Caroline") in the central Musgrave Region of South Australia (Fig1).

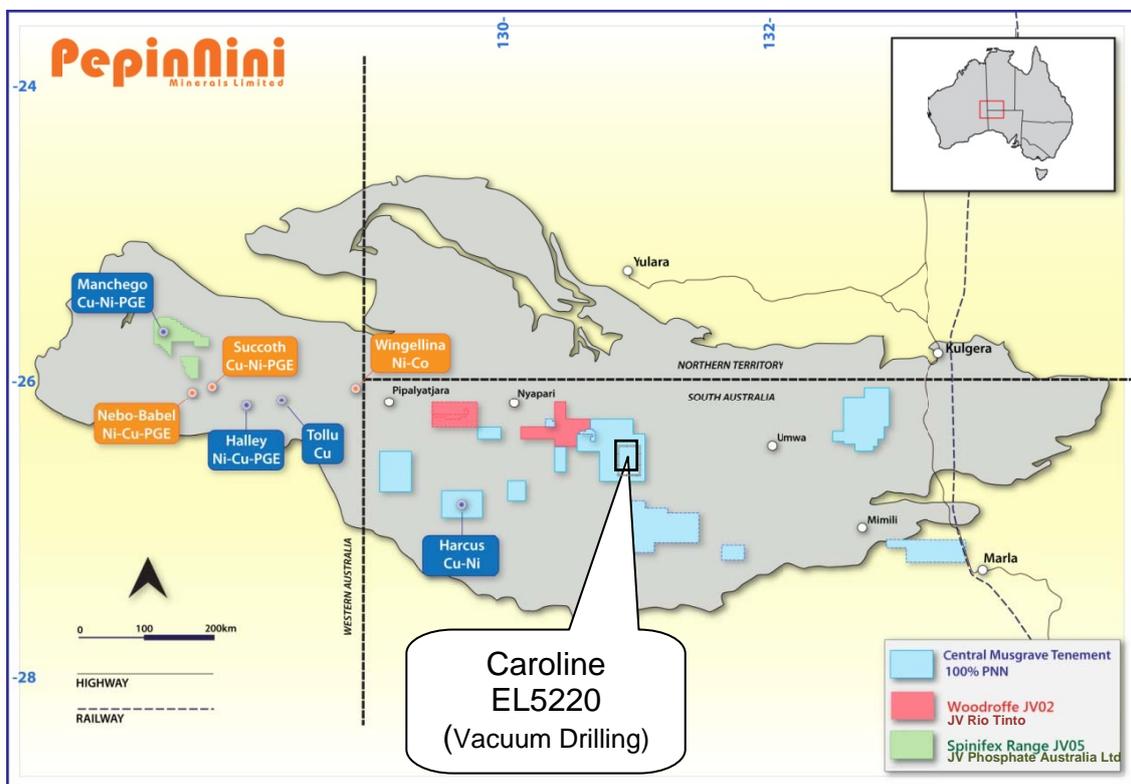
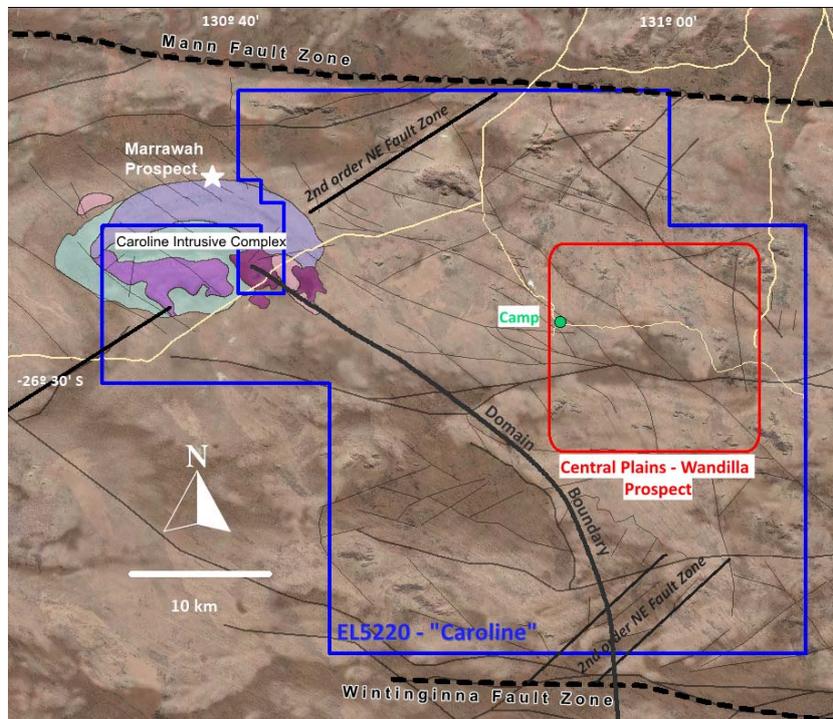


Figure 1: Location of Musgrave Project Tenure

Vacuum drilling has commenced across the Central Plains - Wandilla prospect area collecting soil and regolith samples to assess subsurface geochemical distributions that will enhance bedrock geological mapping, reconcile and validate geophysical target selection, and detect potential geochemical anomalies. The planned exploration work will investigate previously unexplored areas of the tenement where cultural heritage access approvals were secured during the later part of 2014.

The initial phase of sampling will involve approximately 150-200 drill holes on traverses which cover prospective geological and structural environments identified from airborne magnetic responses. The activities will map the thickness of cover soils and sands, validate interpretation of bedrock lithologies and investigate the fertility of mafic phases through top-of-basement geochemical sampling, and contribute to the identification of geochemical exploration targets for more extensive drill testing with the company's diamond drill rig.

The first-pass work is a low-cost generative activity which utilises the company owned vacuum drill rig. It is expected that the initial phase of drilling will take approximately one to two months to complete.



**Figure 2:** Location of Central Plains - Wandilla vacuum drilling project within EL5220 "Caroline".

The results of the vacuum drilling work will complement the collaborative CSIRO Airborne Electromagnetic Survey which is still planned to commence during Q2, 2015.

*The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Philip Clifford who is a member of the Australasian Institute of Mining and Metallurgy. Mr Clifford is employed full time by the company as Technical Director and has a minimum of five years relevant experience in the style of mineralisation and type of deposit under consideration and qualifies 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 of the information in this report 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)