ASX Release: 31 January 2014

December 2013 Quarter — Report to Shareholders

Navarre Minerals Limited
ABN 66 125 140 105
ASX Code: NML

Corporate Details

Issued capital:
59.6M ordinary shares
3.9M unlisted options

Directors & Management:
Kevin Wilson
(Non-Executive Chairman)

Geoff McDermott
(Managing Director)

John Dorward
(Non-Executive Director)

Colin Naylor
(Non-Executive Director)

Jane Nosworthy
(Company Secretary)

Wessley Edgar
(Exploration Manager)

Contact Details

Geoff McDermott
Managing Director

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KEY POINTS

- **Completed IP geophysics survey to define potential porphyry-style high grade copper and gold mineralisation at Eclipse**
- **Preliminary IP results show "text book" porphyry response**
- **Subsequent to quarter, shallow RC drilling program commenced to confirm shallow secondary copper potential at Eclipse**

1. EXPLORATION

Navarre Minerals Limited (ASX: NML) ("Navarre" or "the Company") is focused on developing its copper and gold interests in western Victoria.

Activity during the December quarter was focused on the Eclipse porphyry prospect, part of the Company's Western Victoria Copper Project.

***WESTERN VICTORIA COPPER PROJECT** (ELs 4973, 4590, 5425, 5426 & ELA5497)*

Eclipse prospect (EL 4590)

The Eclipse prospect is one of four porphyry targets identified by Navarre within its 100%-owned Western Victoria Copper Project. The Project captures multiple, largely untested targets in 130 kilometres of Miga Arc volcanics (Figure 1). The Miga Arc is recognised as a continental margin arc setting like the Andes, host to the world's largest known copper porphyry deposits.

As announced on 5 December 2013, Navarre commenced its field season with an Induced Polarisation (IP) geophysics survey over the Eclipse prospect. The 3D survey was aimed at delineating primary copper and gold mineralisation associated with a predicted porphyry beneath a surface geochemical footprint of 1,000m by 500m. The survey was completed on 14 December 2013.

Preliminary results of the survey indicate three targets to be present: a porphyry target, and two discrete chargeability anomalies interpreted to represent epithermal or breccia pipes (Figures 2 & 3). Final results are expected in February 2014.

An initial report from Navarre's consultant geophysicist, Kim Frankcombe of ExploreGeo Pty Ltd, states that the porphyry anomaly detected is "close to the textbook geophysical response we would expect to see from a porphyry deposit".

The next steps at Eclipse are to complete processing of the geophysics data to enable target selection for a diamond drilling program.

In addition to the IP survey and, subsequent to the quarter, the Company announced on 28 January 2014 the commencement of a shallow Reverse Circulation (RC) drill program comprising 10-15 drill holes for approximately 1,000 metres aimed at confirming a supergene blanket of secondary copper (chalcocite) mineralisation (Figure 4). Chalcocite, a secondary enrichment material, forms from the alteration of copper minerals that react with oxygen above the water table. The oxygenated copper fluids descend to the water table where a chemical reaction results in the formation of a chalcocite copper blanket. A chalcocite blanket is strong evidence for a deeper primary source of copper mineralisation.

RC drill samples will be geologically logged and scanned on-site using a field portable X-Ray Fluorescence (XRF) instrument (Figure 5). Samples from anomalous intervals identified by XRF scanning will be assayed at a commercial laboratory using standard analytical methods. Four of the six holes completed at the date of this report show significant chalcocite mineralisation and will be dispatched for analysis.

The drilling program is expected to be completed in early February, with assay results subsequently available in approximately four to six weeks' time.

2. ACTIVITIES PLANNED FOR MARCH 2014 QUARTER

- Complete processing and modeling of IP survey data to inform target selection for next phase of drilling;
- Complete RC drilling and confirmation of secondary copper potential;
- Design and permit diamond drill program to test Eclipse porphyry IP targets; and
- Continue generative efforts to establish new copper and gold targets.

3. CORPORATE

The cash balance as at 31 December 2013 was $1.1 million ($1.6 million at 30 September 2013).

4. COMPANY MINERAL TENEMENT PORTFOLIO

The mineral tenement holding of the Navarre Minerals Limited Group (including Navarre's wholly-owned subsidiary Black Range Metals Pty Ltd) at 31 December 2013 is:

Name	Tenement	Tenure Type	Status	NML Group Interest
BENDIGO NORTH GOLD PROJECTS (north of Bendigo, Victoria)				
Tandarra	EL4897	Exploration Licence	Granted	100%
Raydarra	EL5266	Exploration Licence	Granted	0%[#]
Sebastian 1	EL4536	Exploration Licence	Granted	51%[#]
Sebastian 2	EL4974	Exploration Licence	Granted	51%[#]
LANDSBOROUGH FAULT GOLD PROJECT (east of Stawell, Victoria)				
Kingston	EL5280	Exploration Licence	Granted	100%
Glendhu	EL5380	Exploration Licence	Granted	100%
STAWELL CORRIDOR GOLD PROJECT (south of Ararat, Victoria)				
Ararat	*ELA5476*	*Exploration Licence*	*Pending*	*0%*
Tatyoon	*ELA5480*	*Exploration Licence*	*Pending*	*0%*

WESTERN VICTORIA COPPER PROJECT (west of Stawell, Victoria)				
Black Range	EL4590	Exploration Licence	Granted	100%
Stavely	EL5425	Exploration Licence	Granted	100%
Mitre	EL4973	Exploration Licence	Granted	100%
Cherrypool	EL5426	Exploration Licence	Granted	100%
Glenlyle	*ELA5497*	*Exploration Licence*	*Pending*	*0%*

[#] Navarre is entitled to earn up to a 75% interest under farm-in arrangements with Castlemaine Goldfields Ltd.

The Company did not acquire or dispose of any mining tenements during the quarter.

The Company's beneficial interests in any farm-in or farm-out agreements in respect of any mining tenement interests did not change during the quarter, except as specifically stated elsewhere in this Report.

- ENDS -

For further information, please visit www.navarre.com.au or contact:

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Competent Person Declaration

The information in this release that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Wessley Edgar, who is a Member of The Australasian Institute of Mining and Metallurgy and who is Exploration Manager of Navarre Minerals Limited. Mr Edgar has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he is undertaking, 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 Edgar consents to the inclusion in the release of the matters based on his information in the form and context in which it appears.

Forward-Looking Statements

This announcement contains "forward-looking statements" within the meaning of securities laws of applicable jurisdictions. Forward-looking statements can generally be identified by the use of forward-looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "believe", "continue", "objectives", "outlook", "guidance" or other similar words, and include statements regarding certain plans, strategies and objectives of management and expected financial performance. These forward-looking statements involve known and unknown risks, uncertainties and other factors, many of which are outside the control of Navarre and any of its officers, employees, agents or associates. Actual results, performance or achievements may vary materially from any projections and forward-looking statements and the assumptions on which those statements are based. Exploration potential is conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource. Readers are cautioned not to place undue reliance on forward-looking statements and Navarre assumes no obligation to update such information.



Figure 1: Location of Navarre's Victorian exploration tenements, including location of Miga Arc

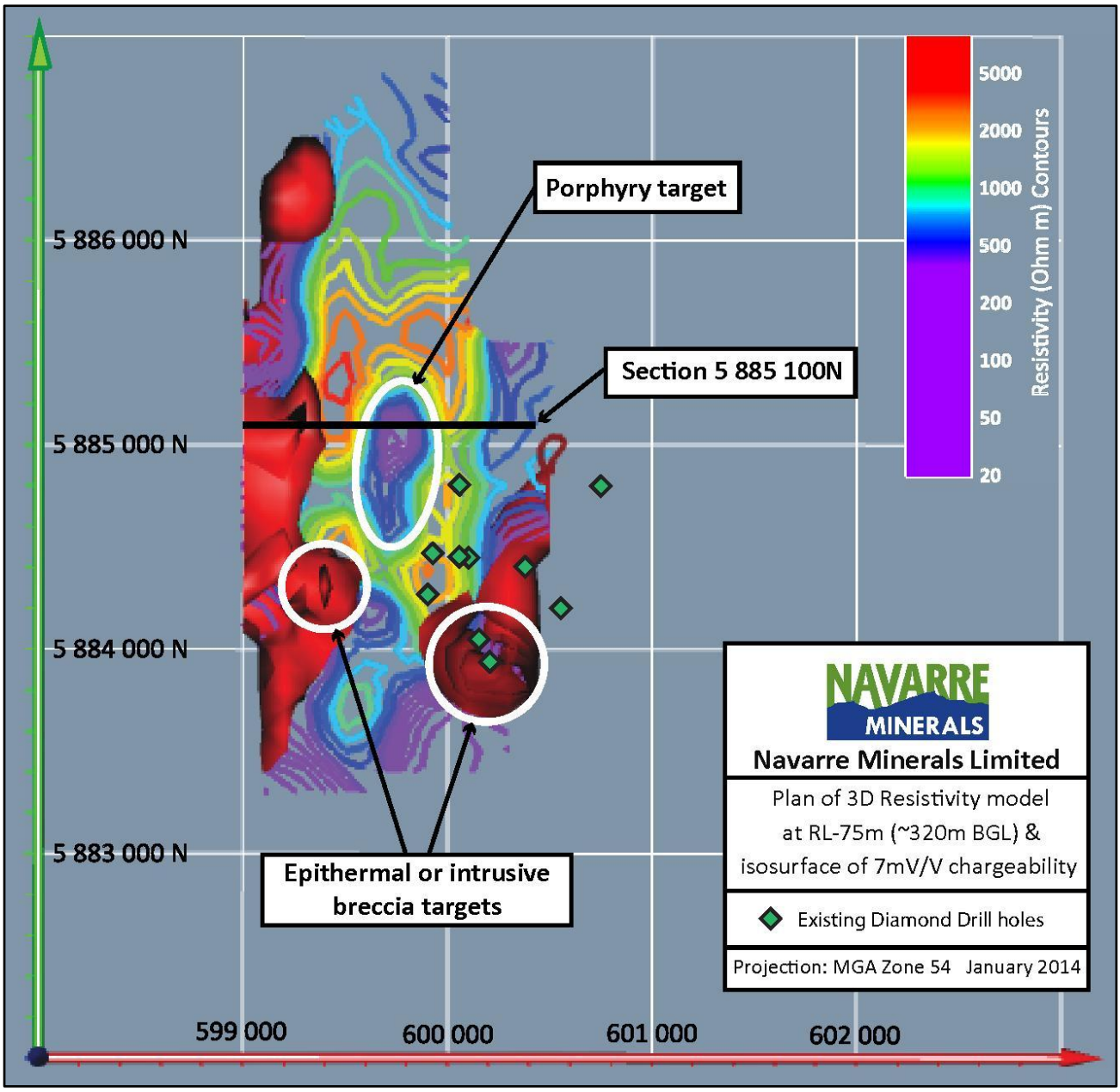

Figure 2: Plan view image showing a contour slice through the preliminary 3D IP Resistivity Model at RL-75m (approximately 320m below surface) and an isosurface of 7 mV/V chargeability model (red solid shapes). IP targets are circled in white and location of cross-section 5885100N (Figure 3) is shown in black relative to location of all pre-existing diamond drill hole collars.

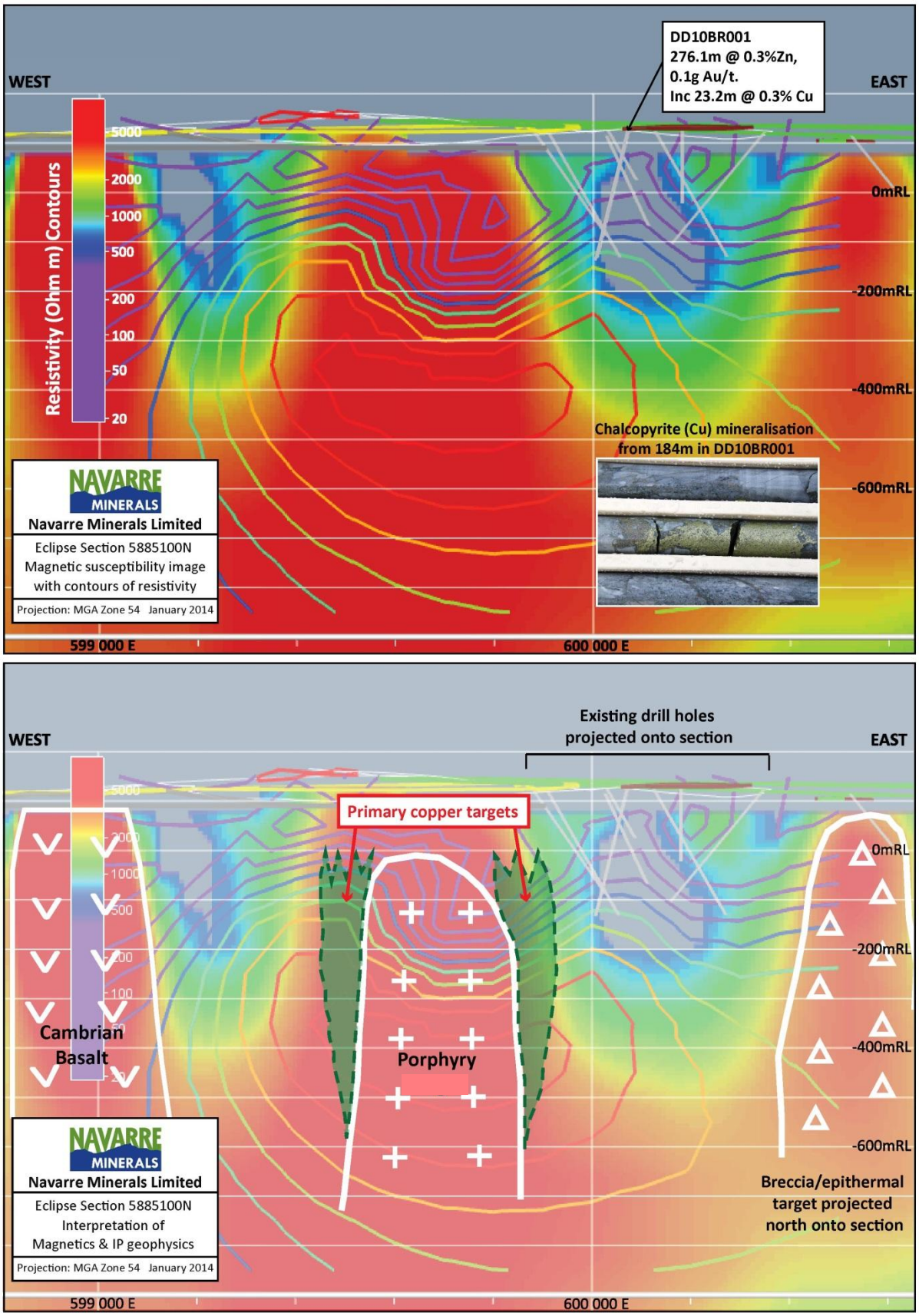

Figure 3: Top: East-west cross section along 5 885 100N showing an image of magnetic susceptibility overlain by contours of the preliminary 3D IP Resistivity Model. **Bottom:** Interpretation of cross section shown at the same scale highlighting location of porphyry - copper targets.



Figure 4: Photograph of recent RC drill activity at Eclipse.



Figure 5: Photograph of Navarre geologist Brylie McAuley taking XRF scans of RC drill samples.