Ventnor Resources Limited

23 July 2014

ASX ANNOUNCEMENT

JUNE QUARTER ACTIVITY REPORT

On 4 December 2013 Australian base-metals company Ventnor Resources Limited (ASX: VRX) (**Ventnor** or **Company**) advised the market that the Company and Sandfire Resources NL (ASX: SFR) (**Sandfire**) had executed a landmark transaction (**Transaction**) designed to fast-track Ventnor's Thaduna/Green Dragon Copper Project (**Project**) into production while removing the need for Ventnor to raise additional funding for mine development.

The Thaduna/Green Dragon Project is located 40km east of DeGrussa and represents the largest copper resource in the Doolgunna District outside of Sandfire's DeGrussa-Doolgunna Project.

Sandfire has been assessing two development opportunities at the Thaduna Project. An oxide project, with ore to be treated through the proposed DeGrussa Copper Oxide Heap Leach and a sulphide project, with ore to be treated through the existing DeGrussa Flotation Processing Plant.

During the Quarter, Sandfire completed the first drilling program at Thaduna which was aimed at providing diamond core for confirmation of the near-surface resource, and metallurgical testwork.

The drilling program comprised eight shallow-dipping PQ-sized diamond drill holes for 808.5m, focused directly under the existing Thaduna pit.

The drilling successfully encountered mineralisation in an expected transition zone, and as such metallurgical testwork has commenced. The Metallurgical testwork will examine the heap leach and flotation potential of the mineralisation.

The head assays are expected during August with metallurgical analysis later in the quarter.

The results of the testwork and the completion of a revised near-surface resource model will be used to evaluate potential mining and processing options for copper metal extraction.

ASX: VRX

Capital Structure

Shares on Issue 118.3 million

Unlisted Options 3.3 million

Market Cap @ 4¢ $4.7 million (Fully Diluted)

Corporate Directory

Paul Boyatzis

Non-Executive Chairman

Bruce Maluish

Managing Director

Peter Pawlowitsch

Non-Executive Director

John Geary

Company Secretary

Company Projects

Thaduna/Green Dragon Copper Project in the Doolgunna district, WA (Subject to SFR Farm-in)

Warrawanda Nickel Project south of Newman, WA

Georgina Basin IOCG Project in western Queensland

The Company is actively assessing other base metal projects in Australia

Level 1, 6 Thelma Street, West Perth WA 6005
t : +61 8 9226 3780 f : +61 8 9226 3764 e : info@ventnorresources.com.au www.ventnorresources.com.au
ABN 59 142 014 873

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VENTNOR EXPLORATION

WARRAWANDA NICKEL PROJECT

The Company has completed a review of the data available on its Warrawanda Nickel Project. The review has highlighted a number of drill targets with the potential for sulphide nickel mineralisation.

The Warrawanda Nickel Project is located 60 kilometres south of Newman, in the Sylvania Inlier, an Archaean granite-greenstone terrain in the Pilbara region of Western Australia.

The Warrawanda Nickel Project is a 16km-long sequence of steeply-dipping rocks dominated by ultramafic and mafic rocks with lesser clastic components, including shale. The rock units intersected are predominantly ultramafic Komatiites with serpentine after olivine, mafic rocks as well as minor fine-grained clastic rocks and felsic dykes.

Since listing in February 2011 the Company has conducted several exploration programs at the Warrawanda Nickel Project;

1. Reviewed the historic data which comprises 86 vertical RAB holes; 46 vertical RC holes exploring for nickel-cobalt laterite deposits in 1996 and 1997.
2. Reviewed chip sampling from 2006 that returned several elevated Nickel ("Ni"), Cu, Zinc ("Zn") and Chromium ("Cr") results and identified a gossan that may be related to massive sulphide mineralisation.
3. Conducted an aerial EM mag survey in April 2011 which was processed and identified a number of conductive, and in some cases co-incident magnetic, anomalies.
4. Drilled 13 RC drill holes for 2,494 metres in August 2011 with 4 metre composites extensively assayed for 50 elements.
5. Undertaken surface geology mapping and 300 geochem surface samples September 2011 with multi-element assays indicating anomalous Ni, Cu, Zn, Cr and low level gold.
6. Acquired HyMap data over the ultramafic sequence in March 2012 which provides multi-spectral data over the Project area.
7. Collected another 144 geochem soil and rock chip samples in June 2014 over specific anomalous areas.
8. Collated all available data which was reviewed by nickel specialists at CSA Global Pty Ltd.

WARRAWANDA EXPLORATION SUMMARY

Field Survey 2014

In June 2014 an on ground geological field survey was undertaken with the specific purpose of achieving the following from selected anomalous areas;

- Extend current soil geochem sampling
- Ironstone/gossan sampling and mapping
- Ground truth HyMap highlights
- Review for potential drilling sites

A total of 144 soil and 49 rock chip samples were collected and analysed with a hand portable xrf.

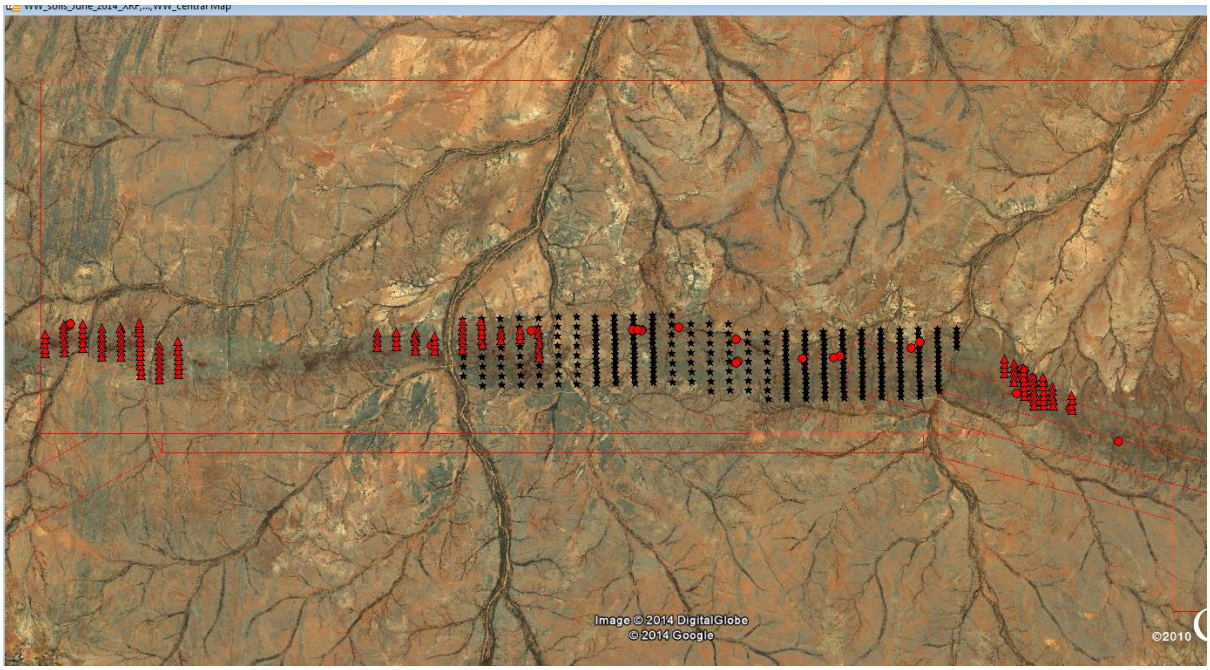

Figure 1: *The figure shows the areas that have been sampled*

Historic data

Anaconda Nickel explored Warrawanda for nickel-cobalt laterite deposits in 1996 and 1997. Work included air-photo interpretation, airborne magnetic surveys, geological mapping, gridding, RAB, AC and RC drilling and metallurgical testwork. Eighty-six vertical RAB holes were drilled, totalling 1,488m, with an average depth of 17.3m; 46 vertical RC holes were drilled totalling 930m with an average depth of 17.8m. Holes were drilled at 50 to 100m intervals on 500 and 1000m traverses in selected areas. Further drilling was undertaken along strike from the ultramafic within the surrounding area.

Warwick Resources pegged Warrawanda and collected chip samples at the surface, however their focus switched to iron ore elsewhere and no further work was undertaken.

The Warrawanda South Greenstone Belt, which hosts the Warrawanda Project, is a 30km-long, 200 to 800m-wide, easterly trending, dyke-like body of ultramafic rock. In total, about 17km of the strike length of the ultramafic has been tested.

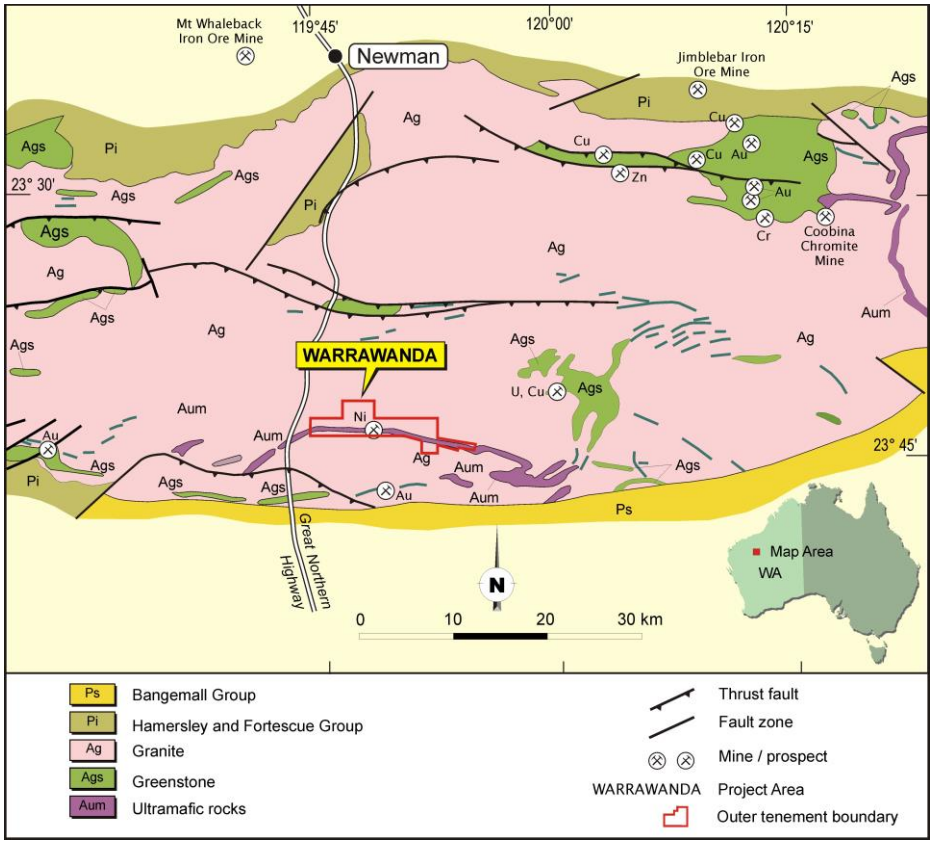

Figure 2: *Geology of the Sylvania Inlier*

From the database of 120 RC holes drilled to 1997, more than 70 significant intersections were reported >0.2% Ni in laterite, averaging between 0.35% and 0.78%, with the best intersection being WWRC009 12m @ 0.78% Ni from 9m. Many of the drillholes have highly anomalous Ni values, and many holes end in mineralisation. These shallow holes targeted nickel laterites, but there appears to be more potential for large-tonnage, low-grade disseminated sulphide Ni deposits similar in tenor to Mount Keith. The limited amount of data meant that the sulphide mineralisation may be below the depth of the deepest holes drilled, as the initial focus of the previous exploration was for nickel laterite deposits. The only deeper intersection reported, 45m at 0.39% Ni and 200 ppm Cu, may have been indicative of a sulphide ore body at depth due to the elevated Cu associated with the Ni.

In 2006, Warwick Resources identified a gossan at Warrawanda that may be related to massive sulphide mineralisation. Chip sampling returned several elevated Nickel ("Ni"), Cu, Zinc ("Zn") and Chromium ("Cr") results.

An airborne EM survey conducted by WMC was reviewed by Southern Geoscience. The data was a very small subset of a larger regional WMC dataset and did not provide appropriate resolution for confident interpretation over the Project area.

EM Survey

In April 2011 Ventnor Resources contracted GroundProbe Geophysics to acquire HEM data over their Warrawanda and nearby Nickel Hills prospects. Resource Potentials was then contracted to analyse and interpret the data with the aim of generating drilling targets. This

work identified a number of conductive, and in some cases co-incident magnetic, anomalies. Of the 13 conductive units identified, 10 targets in the Warrawanda Project area are conductive features adjacent to or on the magnetic anomaly.

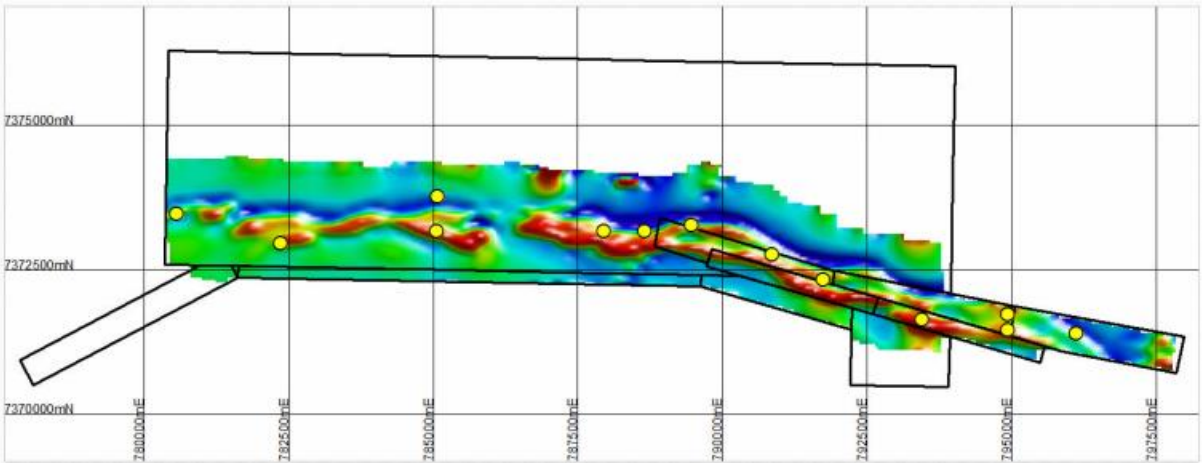

Figure 3: *The figure shows the identified targets on the magnetic image*

RC Drilling

During August 2011 the Company drilled 13 RC holes based on targeting from the interpretation of data from the HEM survey. The 13 RC holes drilled at Warrawanda have been invaluable in furthering the Company's understanding of this 16km long highly prospective belt.



Figure 4: *The satellite image shows the RC hole locations.*

The drillhole samples were analysed for 49 elements on 4 metre composites. The initial multi-element results indicate the potential for not only sulphide nickel mineralisation, but Wattle Dam style ultramafic hosted gold mineralisation.

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Hymap

In March and April 2012 HyVista Corporation was contracted by Ventnor Resources to acquire and process HyMap airborne hyperspectral scanner data in the Pilbara Region of Western Australia over 11 sites. As part of this survey data was collected over the Warrawanda Project, see Figure 5 below.

The HyMap system is an airborne hyperspectral scanner delivering 126 bands (approx 18 nm width per band) of spectra imagery over the 450nm to 2500nm spectral interval at a 4.2m ground pixel resolution.

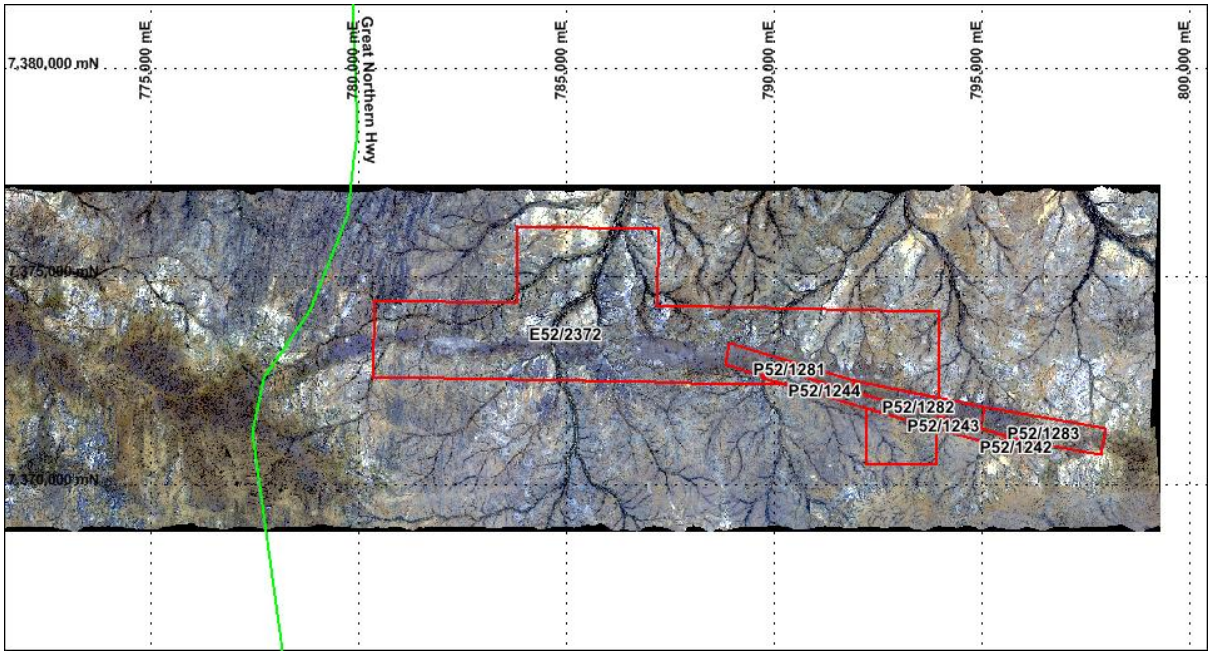

Figure 5: *HyMap Survey coverage over Warrawanda Nickel Project*

Raw HyMap data has a series of processes applied to it that converts it into reflectance imagery which is then geometrically corrected and radiometrically levelled to produce seamless mosaic images. These seamless images are used for all further processing. In addition, vegetation (green and dry), water and shadow are masked out prior to the processing.

The delivery products are a series of images and maps that can be used to identify and map mineralogic and lithologic geology. Areas of potential mineralization can be indentified from these images particularly by the discovery and mapping of alteration minerals. Five main types of maps are provided: Overview Colour Composites (used for photo-interpretation and delineation of geological units and structure), Minimum Noise Fraction colour composites (a statistical treatment that can reveal gross lithology and structural features), De-Correlation Stretch colour composites (a statistical treatment that delineates mineral assemblages), Mineral Maps (distributions of specific minerals derived from detailed analysis of spectral signatures) and Mineral Composition Maps (detailed maps of chemical/mineralogic changes within specific mineral groups).

Soil Geochem

In May 2012 a 300 sample point soil sampling program was conducted with multi element analysis using an Aqua Regia digest and MSOE read. A total of 49 elements were analysed and reported. Analysis of the soil sampling results show that there are no significant anomalies detected from the survey, however a weak gold anomaly at the western end of the survey area has a maximum gold value of 20 ppb with the mean of the survey being 3.4 ppb. A number of anomalous samples are present in this area, see Figure 6. It is recommended to investigate this area and to the west further. The samples that are anomalous are the first of the samples taken in the survey, and although the control blank sample that preceded the samples is not anomalous it is recommended to resample the first line of the survey to see if there has been any contamination from exterior sources.

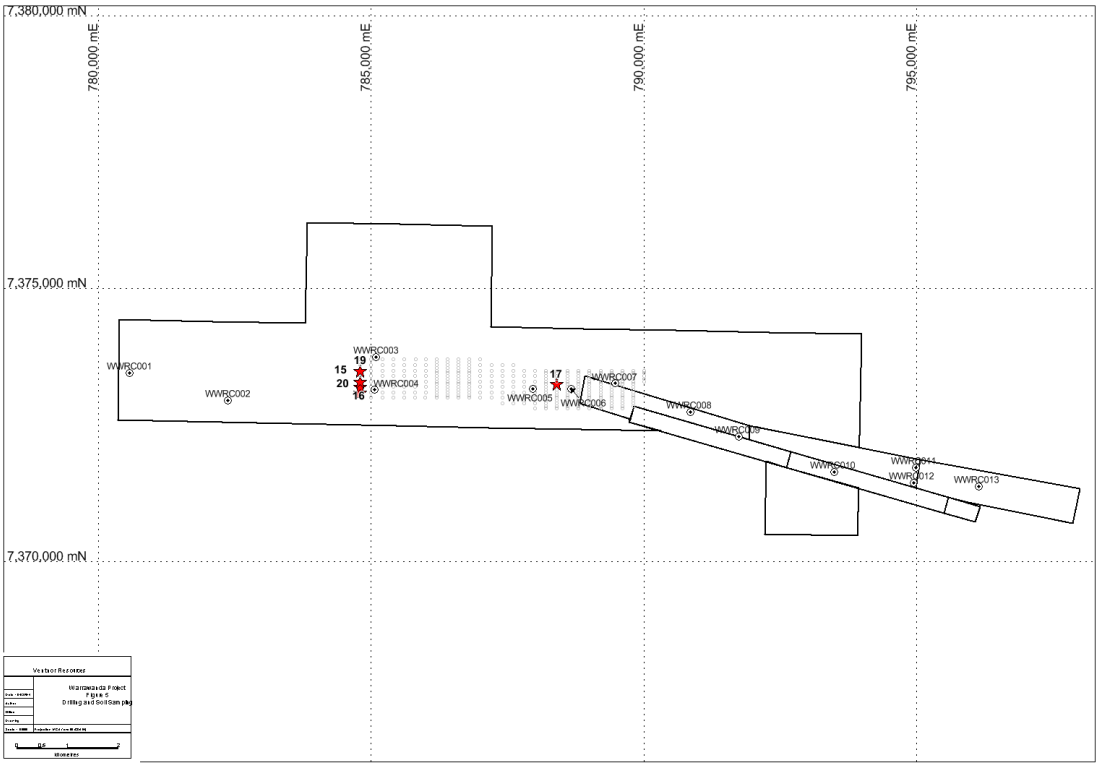

Figure 6: Warrawanda anomalous Au in soil sampling and RC Locations

GEORGINA BASIN

No fieldwork has been undertaken at the Georgina Basin but further geophysical techniques have been evaluated to determine an appropriate program to better define a target for a deep orientation diamond drill hole.

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Competent Person's Statement

The information in this release that relates to Mineral Resources and Exploration Results is based on information compiled by Mr David Reid who is a Member of the Australasian Institute of Mining and Metallurgy (MAusIMM). Mr Reid is a contractor to Ventnor Resources Limited. Mr Reid 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 Reid consents to the inclusion in this report of the matters based on information provided by him and in the form and context in which it appears.

NOTES SPECIFIC – WARRAWANDA NICKEL PROJECT

The information pertaining to the Warrawanda Nickel Project assay results was prepared by SRK Consulting and first disclosed by Ventnor Resources Ltd in its Prospectus dated 25 November 2010 under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

CORPORATE

The fully underwritten pro-rata renounceable rights issue pursuant to the Prospectus dated 25 February 2014, closed on 26 March 2014 and shares were allotted on 3 April 2014.

The Rights Issue offered, to eligible shareholders, two (2) new shares for every three (3) shares held on the record date, at an issue price of 4.2 cents per share.

The 28,436,542 shortfall shares were placed by the underwriter, Patersons Securities Limited, pursuant to the terms of the underwriting agreement.

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WESTERN AUSTRALIA

Thaduna/Green Dragon Project - Copper

Tenement	Status	Interest at beginning of quarter (%)	Interests sold to JV partner (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
M52/1060	Granted	65	-	-	65
M52/1061	Granted	65	-	-	65
L52/149	Granted	65	-	-	65
L52/150	Granted	65	-	-	65

Warrawanda Project - Nickel

Tenement	Status	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
E52/2372	Granted	100	-	-	100
P52/1242	Granted	100	-	-	100
P52/1243	Granted	100	-	-	100
P52/1244	Granted	100	-	-	100
P52/1281	Granted	100	-	-	100
P52/1282	Granted	100	-	-	100
P52/1283	Granted	100	-	-	100

Nickel Hills Project - Nickel

Tenement	Status	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
E52/2550	Granted	100	-	-	100

Doolgunna Project - Copper

Tenement	Status	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
E52/2548	Granted	100	-	-	100

Bronzewing North Project - Gold

Tenement	Status	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
P53/1547	Granted	100	-	-	100
P53/1548	Granted	100	-	-	100
P53/1549	Granted	100	-	-	100
P53/1550	Granted	100	-	-	100
P53/1551	Granted	100	-	-	100

QUEENSLAND

Georgina Basin Project – Iron Oxide-Copper-Gold

Tenement	Status	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
EPM18389	Granted	100	-	-	100
EPM18390	Granted	100	-	-	100

Ventnor Resources Limited

ABOUT VENTNOR

Ventnor Resources is a base-metals focused explorer with a JV with Sandfire Resources NL at the historic Thaduna/Green Dragon project, 170 km north of Meekatharra in Western Australia.

The Thaduna/Green Dragon Project is located 40km east of DeGrussa and represents the largest copper resource in the Doolgunna-Bryah Basin Region outside of Sandfire's DeGrussa-Doolgunna Project.

Also in Western Australia, 40 km south of Newman is the Warrawanda nickel project. In western Queensland, the Georgina Basin project lies within the Mt Isa Inlier, which is well endowed with Iron Oxide Copper Gold ("IOCG") systems and sulphide base-metal deposits.

Known Copper and Nickel Mineralisation

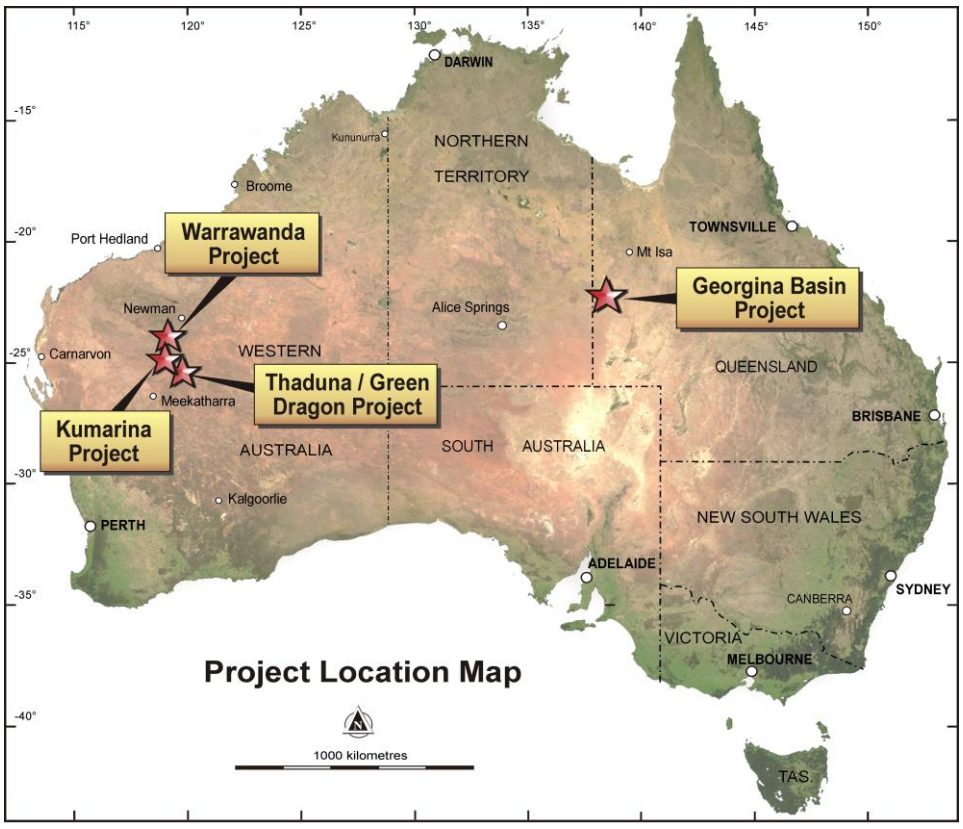
The Thaduna/Green Dragon copper project has historic mine production; copper mineralisation has been confirmed with four phases of exploration drilling; a Scoping Study has confirmed the economic potential of the project. A farm-in deal has been transacted with Sandfire Resources to develop the project and to treat ore. The prospectivity of the Warrawanda nickel project was increased when nickel gossans were identified in recent years. Further work is planned for 2014.

Proven Management

The Ventnor directors have extensive experience in the management of publicly listed mining and exploration companies.

The Company is actively seeking and evaluating other base metals projects in Australia.

PROJECT LOCATIONS



Level 1, 6 Thelma Street, West Perth WA 6005
t : +61 8 9226 3780 f : +61 8 9226 3764 e : info@ventnorresources.com.au www.ventnorresources.com.au
ABN 59 142 014 873