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### **OVERVIEW**

ASX-listed nickel, copper and gold explorer

ASX Code: AUZ

> Flagship asset: Marymia Project

Located along strike of Sandfire's DeGrussa Copper-Gold Mine in Western Australia Close to existing infrastructure

- Exploration continues to reveal prospective mineralised target zones
   Strong conductor identified directly beneath nickel oxide intersection (22 metres @ 0.58% nickel)
   Cluster of EM conductors detected under lead+zinc+copper oxide mineralisation along Jenkin Fault
- Drill testing of key targets commencing in February 2015
   Fully-funded exploration program
- > Objective: deliver substantial returns to investors via exploration success
  Sandfire's share price rose from \$0.05 to \$0.73 on announcement of the DeGrussa discovery

# CORPORATE STRUCTURE

#### Michael Ramsden (Non Executive Chairman)

Qualified Lawyer with >25 years' experience as corporate advisor
Chair of Lowell Capital Ltd, responsible for small cap resource fund
Director of Victoria Racing Club Ltd
M.D. of Terrain Capital and Chair of African Mahogany Australia

#### Benjamin Bell (Managing Director)

Geophysicist and geologist with 19 years' experience in mineral exploration Masters degrees in Exploration Technologies & Business Administration Held executive management & senior positions in ASX companies

#### Mick Elias (Non Executive Director)

30 years' international experience from project generation to resource economics

Holds a BSc (Hons.) in Geology from the University of Melbourne Ex-Chief Geologist, WMC Resources, Nickel Resource Development

#### Dominic Marinelli (Non Executive Director)

Over 20 years' diverse corporate experience, including capital raisings, public listings and Mergers & Acquisitions.

Holds an Engineering degree, an MBA and diploma in Nanotechnology. Director of Terrain Capital

#### Neil Warburton (Non Executive Director)

Mining Engineer with 33 years' experience in mining operations Ex-CEO of Barminco and experienced corporate executive Chair of Red Mountain Mining Limited,

Director of Sirius Resources NL, Peninsula Energy Limited

ASX Code:	AUZ
Share price (as at 12 November 2014)	\$0.006
Fully paid Ordinary Shares	780.9 million
Listed Options	Nil
Market Capitalisation	\$4.6 million
Debt	Nil

\$2.4 million

#### **Shareholder Composition:**

(as at 1 October 2014)

Cash

Directors:	11.1%
Mr Jeff Reed	6.6%
Mr Michael Ramsden	5.0%
Top 20:	44.6%
<b>Top 100:</b> (as at 12 November 2014)	70.0%

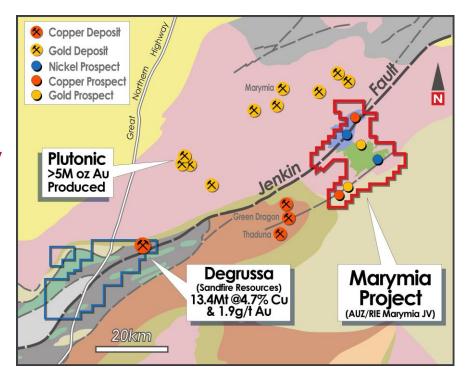
### MARYMIA PROJECT

- 425km² of prospective ground
- Covers 20km of Jenkin Fault
   DeGrussa copper-gold ore bodies
   associated with Jenkin Fault
- Historic exploration focused solely on oxide gold

Despite nickel, copper, zinc & lead assays returned from shallow drilling

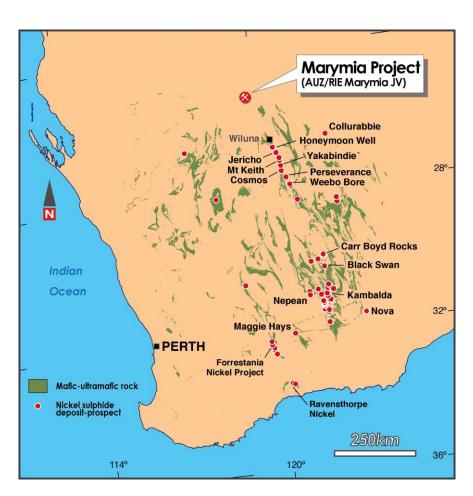
 Australian Mines entered joint venture on project in April 2014

May acquire 80% interest by spending \$3 million in exploration over five years



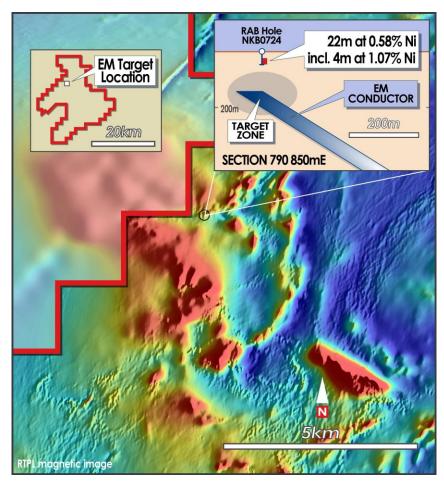
## NICKEL EXPLORATION

- Extension of Kambalda nickel belt
- Nickel oxide mineralisation previously intersected
  - 8 metres @ 1.05% nickel from 28 metres 16 metres @ 0.67% nickel from 8 metres
- High MgO ultramafic sequence confirmed by recent drilling
   The prerequisite geology of Kambalda-style nickel deposits
- Additional large and untested nickel geochemical anomalies
   Includes extension to Simmons prospect



## NICKEL EXPLORATION

- Ground-based electromagnetic survey recently commenced
- Successfully identified strong EM conductor below nickel oxide zone length of conductive body = 600 metres depth to source = 140 metres
- Drill testing of target commencing in February
- Currently expanding EM coverage across Marymia Project
   Testing historic nickel oxide mineralisation and large-scale soil anomalies

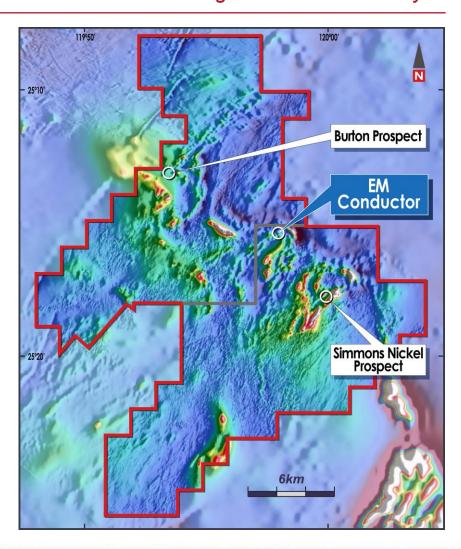


EM conductor detected immediately beneath nickel oxide mineralisation

## NICKEL EXPLORATION

- Expanded EM coverage includes
   the broader Simmons prospect

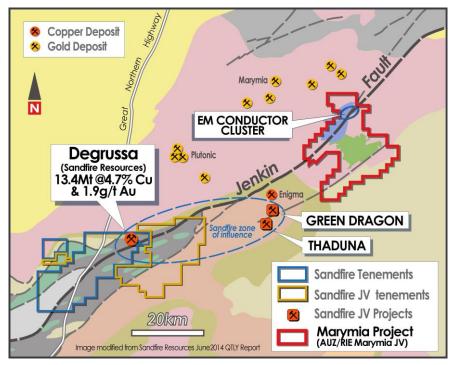
   Recent drilling intersected favourable host rocks and sulphides near the basal contact
- Large nickel-in-soil anomaly
   present at Simmons extension
   2,400m long x 1,200m wide anomaly
   Peak soil assay of 2,986ppm nickel
- Bedrock conductor recently
   detected beneath soil anomaly
   Conductor within 200 metres of the surface
- > Drilling + downhole EM imminent



## COPPER EXPLORATION

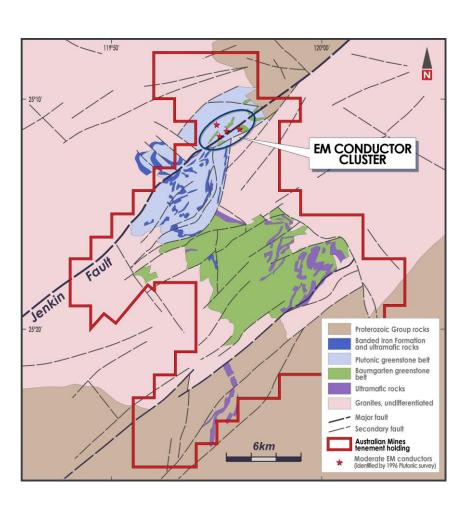
- Jenkin Fault controls VMS-type
   DeGrussa mineralisation
- 20km of Jenkin Fault within project
- VMS (DeGrussa)-style ore bodies
   typically occurs in clusters
   With multiple centres of mineralisation
   across a region
- Sandfire recently entered JVs on the ground between their DeGrussa Copper-Gold Mine and Australian Mines' Marymia Project.

  Sandfire has almost doubled its strategic footprint in this region over the past year



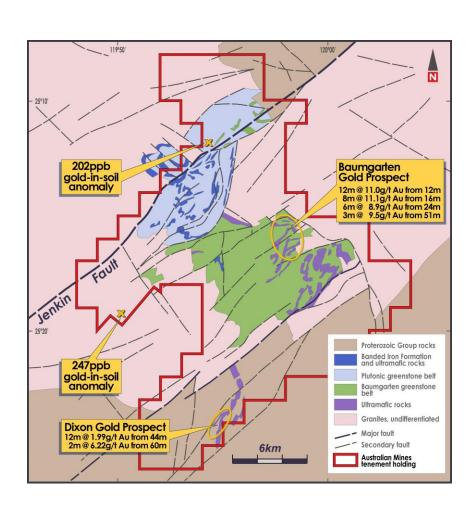
## COPPER EXPLORATION

- Extensive base metal anomalism across Jenkin Fault in project area
   Delineated by wide-spaced RAB drilling
- Cluster of four conductive bodies
   identified along Jenkin Fault
   EM conductors discovered in 1996 (13 years
   before DeGrussa hence significance was
   not appreciated by the previous explorer)
- In-fill electromagnetic survey
   currently in progress
   To determine depth and size of conductors
- > Priority drill target (February 2015)



### **GOLD EXPLORATION**

- > 40km east of Northern Star's Plutonic Gold Mine
  - Produced 5.3 million ounces of gold to date
- Gold bearing rocks intersected within project area
  - 12 metres @ 11.0 g/t gold from 12 metres 6 metres @ 8.9 g/t gold from 24 metres
- High-grade primary gold potential currently untested by drilling
   Deepest historic drill hole is only 80 metres
- Bedrock mineralisation targeted in upcoming drill campaign



### SUMMARY

- Large, underexplored tenement package near DeGrussa Copper-Gold and Plutonic Gold mining operations in Western Australia
  - Proven mineral province within a very stable and predictable mining jurisdiction
- > Demonstrated potential for base metal and gold mineralisation within project
  - 22 metres @ 0.58% nickel from 22 metres (incl. 4 metres @ 1.07% nickel from 28 metres)
  - 16 metres @ 0.67% nickel from 8 metres
  - 12 metres @ 11.0 g/t gold from 12 metres
- Active and fully-funded exploration program ongoing
   Management committed to spending majority of funds 'in the ground'
- Poised to deliver significant share price growth through exploration success
   Drill testing of coincident geochemical + geophysical anomalies commences February
  - Strong EM conductor beneath nickel oxide mineralisation
  - Cluster of EM conductors below base metal anomalism proximal to Jenkin Fault

# **CONTACT DETAILS**

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