# EXPLORING WORLD CLASS MINERAL FRONTIERS



February 2015



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#### COMPETENT PERSON DECLARATION

The information in this Presentation that relates to Exploration Results is based on information compiled by Mr Derek Pang who is a member of the Australasian Institute of Mining and Metallurgy. Derek is a full time employee of Apollo Minerals Ltd. Derek has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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'. Derek Pang consents to the inclusion in the report of the matters based on their information in the form and context in which it appears. Derek and the company confirm that they are not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.



### **Apollo Overview**

#### Active explorer

- over \$2m spent in 2014
- largest geophysical IP survey in SA, and
- 5,000m drilling completed

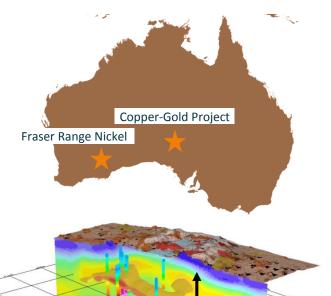
Two projects in world class Ni-Cu-Au provinces

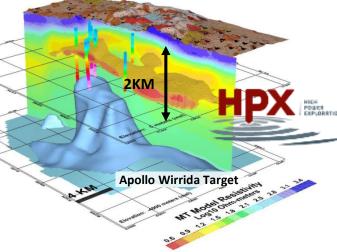
Experienced team with track record of world class discoveries

Strong partnerships in Australia and internationally, with leading edge search technologies

Survey equipment can penetrate deeper than conventional systems

Access to capital - >\$5m raised in 2013 - 2014





Apollo aims to increase the Company's value through innovative exploration that increases the chances of a major mineral discovery



### Apollo Team

#### **Directors**



#### **Richard Shemesian (Chairman)**

- Investment banker and lawyer with over 20 years experience in mineral exploration, corporate strategy and management
- Involved in two successful ASX takeovers valued >\$430m
- Originated over >\$150m in mining financing
- Successful strategic partnerships and investments from multi-nationals CITIC, GIC (Singapore) Jindal Steel & HPX



#### **Dominic Tisdell (CEO)**

- Over 20 years experience in mining and exploration
- A mining engineer previously with Rio Tinto, business development manager with Mitsubishi Corporation and strategy consultant with Accenture



#### **Eric Finlayson (Director)**

- Over 30 years experience in mining exploration
- Previously Global Head of Exploration for Rio Tinto
- HPX senior adviser



#### Tony Ho (Director)

 Chartered Accountant with over 40 years experience including various public company boards

#### Management



#### **Derek Pang (Exploration Manager)**

- Geologist with over 20 years exploration experience in Australia and abroad focusing on base metals
- Previously with Blackthorn Resources, CRA Exploration and Ashton Mining



#### **Chris Anderson (Geophysicist)**

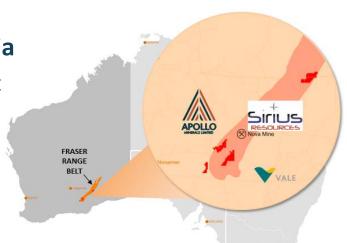
- Geophysicist with >35 years experience in Australia and abroad
- Instrumental in the discovery of the Carrapateena IOCG deposit
- Ex Placer Pacific



## Two Projects Two World Class Provinces

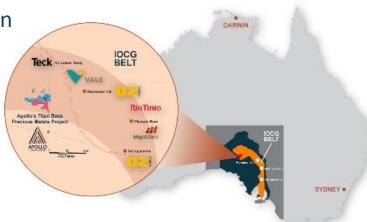
#### 1. Fraser Range Nickel Project, Western Australia

- Located in the key zone of the Fraser Range Belt
- Along strike and 30 km from Sirius' Nova mine
- Multiple untested nickel sulphide targets



#### 2. Copper – Gold Projects, South Australia

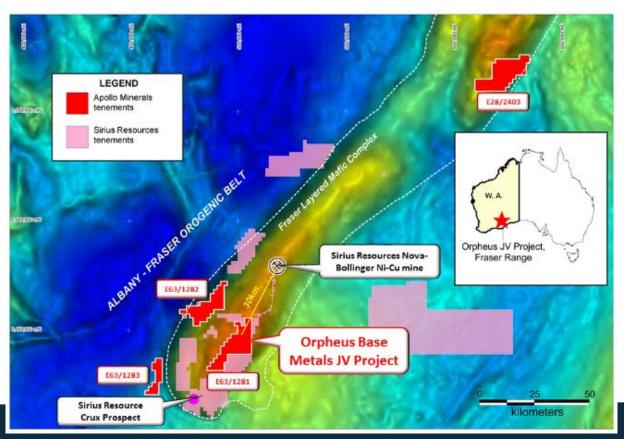
- Located in the IOCG belt of the Gawler Craton containing major deposits eg Prominent Hill
- Large land holding exceeding 2,000 km<sup>2</sup>
- Majors exploring nearby including Rio, BHP,
   Vale, Teck and Oz Minerals





### Fraser Range Nickel Project

- Recent JV, acquiring 70% interest in the Fraser Range, WA
- In prospective high density zone
- Extensive data-set from previous exploration, and >3,800m drilling
- 600km<sup>2</sup> tenement holding
- Along strike from Nova and Crux
- Nickel sulphide intersections in drilling
- Immediate follow-up exploration





### Why Fraser Range?

- Near Sirius' world class discovery in emerging nickel province
- Prospective tenements in dense, layered mafic  $\rightarrow$  host to Ni and Cu sulphides
- District is subject of heightened exploration activity → better chance of success
- Extensive geophysical and geochemical dataset acquired
- Drilling on Plato Prospect intersected Ni sulphide mineralisation
- Robust Nickel prices \$A18,000/t







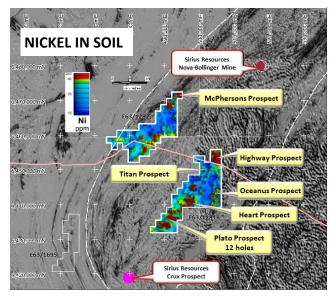


### Fraser Range Nickel Project

- Amongst the largest tenement holding in Fraser Range covering 600 km<sup>2</sup>
- Extensive data-set including airborne and ground EM and >3,800m drilling

#### **2014**: Previous exploration intersected nickel sulphide mineralisation:

- 62m at 2,000 ppm Ni and 600 ppm Cu from 208 m, and
   63m at 1,300 ppm Ni from 271 metres
- 20m at 1,500 ppm Ni from 87 metres



Significant intercepts up to 3,900ppm Ni and 2,200ppm Cu in drill hole PLRC003



PLRC003 337.4m fXRF 5.5% Ni & 1.5% Cu Source: ENT announcement 19/5/2014

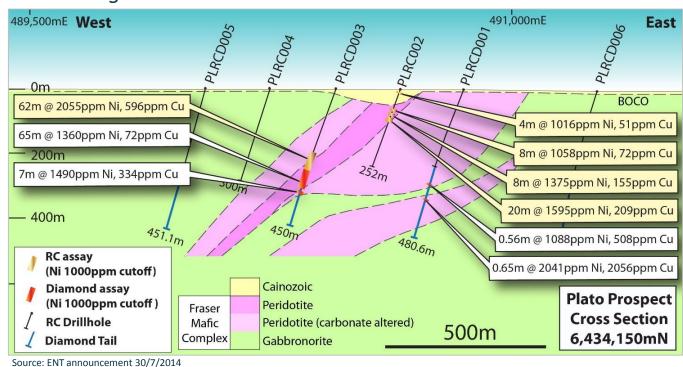


PLRC003 337.6m fXRF 0.8% Ni & 2.5% Cu Source: ENT announcement 19/5/2014



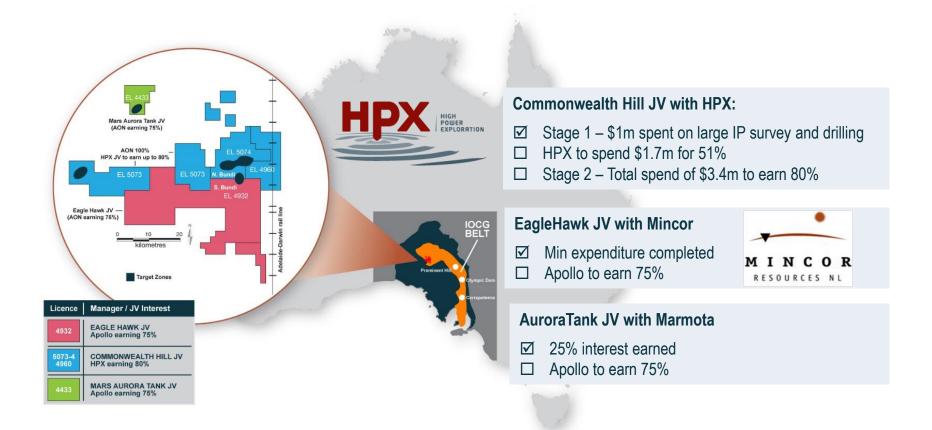
#### 2014 Drill Results

- Plato part drilled further testing warranted
- More anomalies at Heart, Oceanus and Highway to be tested
- More targets expected with only 10% of area surveyed
- Independent review confirmed that rocks at Plato "are of the same Fraser Range Gabbros intersected at Nova"



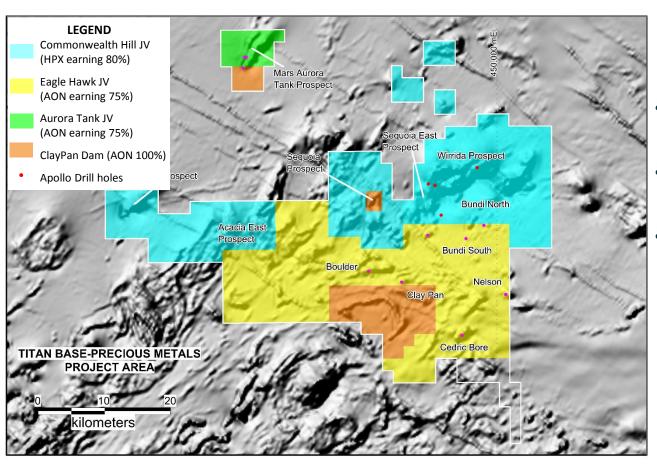


### Copper – Gold Projects, South Australia





### Copper-Gold Projects, South Australia



- Exploration area increased -
  - >2,000 km<sup>2</sup> tenement area
- Strategic holdings within the IOCG corridor
- Near major producing mines including:
  - Challenger Gold (60km W)
  - Prominent Hill IOCG (110km E)



### **IOCG** Projects

Number of IOCG targets identified

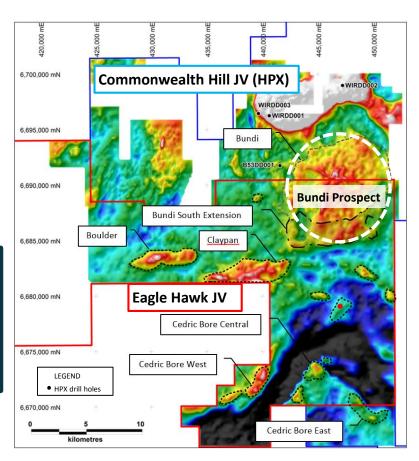
Large scale footprints similar to nearby Prominent Hill IOCG deposit

2014: Round 1 drilling tested priority targets

- 13 holes for 2,750 m
- Round 2 drilling planned and pending approval

#### **Summary of Results:**

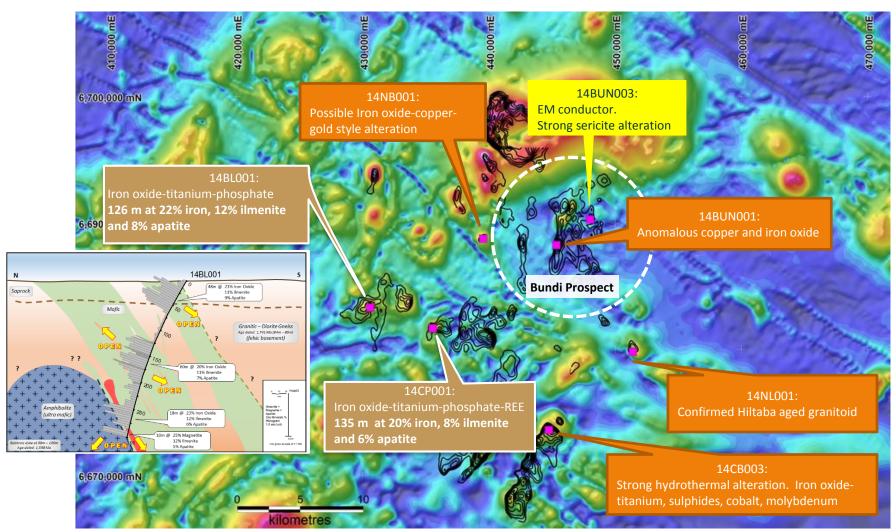
- 1. Discovery of Titanium-Phosphate mineralisation
- 2. IOCG alteration and minor copper sulphides
- High grade gold at Mars Aurora Tank JV 4m at 5 g/t Au (near surface)



**Gravity image showing large scale IOCG targets in SA** 



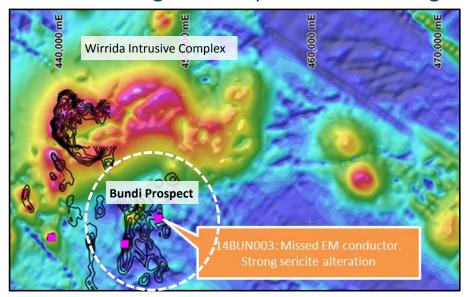
### Eagle Hawk 2014 Drill Results

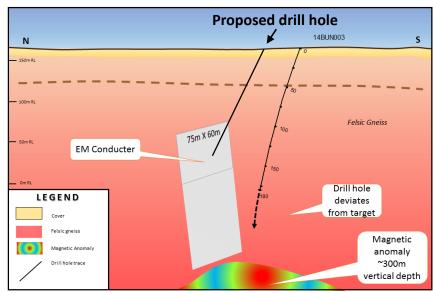




### **Bundi IOCG Target**

- Anomalous surface Cu geochem associated with high density (+5mgal) feature
- Adjacent to large Hiltaba aged layered mafic, Wirrida Intrusive Complex
- BUN003 target has high strength EM conductor (2,000S/m) modelled as massive (copper) sulphide source
- 2014 drill hole 14BUN003 narrowly missed target
- Down-hole EM verified 'off-hole' conductor, strength and location
- Re-designed hole planned for drilling in 2015

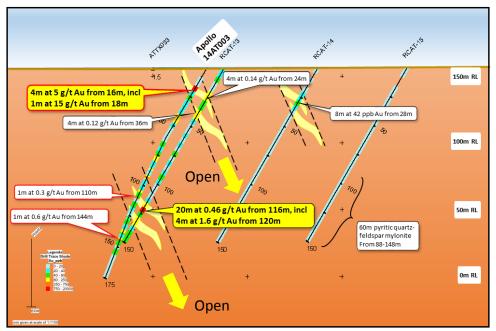






### Mars-Aurora Tank Gold Target

- Target: high grade, Challenger style gold deposit
- Challenger (1 Moz) Gold Mine situated 60km west
- 2014: Drilling intersected high grade near surface gold
  - 4m at 5 g/t Au from 16 m including1m at 15 g/t Au from 18 m
- Follow up programme planning staged RAB/Aircore drilling to define gold zone





### **Exploration Timeline**

Project	Exploration Activity	Timing
Fraser Range Nickel	Complete data review and modelling Ground truth targets Aircore drilling programme	Q1 Q2 Q2/Q3
Bundi IOCG	Select drilling contractor Finalise approvals and site preparation RC drilling programme	Q1 Q1 Q2/Q3
Mars Aurora Tank Gold	Select drilling contractor Finalise approvals and site preparation Aircore/RC drilling programme	Q1 Q1 Q2/Q3
HPX JV	Finalise review of available data Confirm potential drill targets	Q1 Q1/Q2

Data review Approvals Site Preparation Drilling

Estimated timeline subject to change



### Summary

#### Fraser Range Nickel, WA

- Advanced exploration project in world class nickel province
- Project located midway from Sirius's Nova-Bollinger mine, and Crux prospect
- 2014 drilling intersected nickel sulphides of significant widths and grade:
   3,900ppm Ni and 2,200ppm Cu, spot fXRF on sulphides up to 5.5% Ni and 2.9% Cu
- Follow up drilling and testing of high ranked targets planned

#### Gawler Copper/Gold, SA

- Located within world class IOCG belt, and near 1Moz Challenger Gold mine
- Encouraging IOCG alteration and high grade, shallow gold intersected in drilling
   4m at 5 g/t Au including 1m interval at 15 g/t Au
- High strength, off-hole EM conductor confirmed at Bundi planned for follow up drilling
- Surveys planned to identify new IOCG drill targets



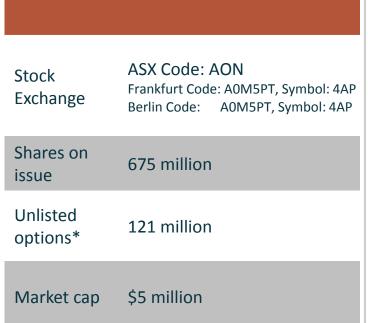
### Advantages of Apollo

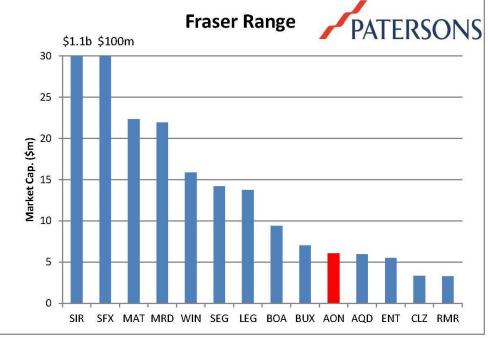
- Expert technical team and partnerships with proven discovery track record
- Prospective Nickel-Copper-Gold tenements in world class terrains
- Financial backing from investors and partners:
   Over \$8m equity funding and JV agreements executed since 2013
- Access to advanced mineral exploration technology capable of large coverage, deep penetrating surveys
- Significant exploration with expenditure >\$2m in 2014

**Active Exploration + Results/Discovery = Major returns to shareholders** 



### Capital Structure





\* 104m Unlisted options ex. Price 1.3 - 3¢ 16m Performance shares

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