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#### **ASX/Media Announcement**

Perth: 25 November 2014



ASX: PLP

#### **INVESTOR PRESENTATION**

Platypus Minerals Ltd ("Platypus" or "Company")

We attach an Investor Presentation to be given by the Managing Director at an Investor Luncheon in Perth today.

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For further information, contact: **Tom Dukovcic Managing Director** 08 9363 7800

# On the Trail of... GIANTS:

exploring for large copper porphyry deposits in emerging fields, in Peru and in Western Australia

# Platypus Minerals Ltd (ASX:PLP)

Investor Presentation November 2014

# The Platypus Strategy: Adding Value

- 1. Consolidate share capital; completed
- 2. \$2 million (approx.) capital raising:
  - a) \$0.5 M placement; completed
  - b) \$1.6 M rights issue Nov-Dec 2014; announced 21 Nov 2014
- 3. Immediately implement targeted **exploration** over Peru and WA projects:

Drilling underway at Gobbos Cu-Mo prospect in WA

 $\rightarrow$ High likelihood of success

 $\rightarrow$  Potential for multiple increase in value



#### **Proven International Explorer**

# Capabilities:

- Experienced explorer, including international exposure and South American success
- 5 years gold exploration in Brazil proof of concept (large sediment hosted disseminated gold deposit)
- 2 years epithermal gold exploration in Indonesia
- 4 years IOCG exploration in WA Mt Webb: 246 m @ 0.22% Cu

#### Experience:

- Experienced and diversified Board and Management
- Experienced in-Peru management with track record



# **Board and Management**

#### Directors



**Rick Crabb**, *Chairman*; B.Juris, LLB, MBA, FAICD Director and Chairman of listed companies: Paladin Energy, Otto Energy, Golden Rim Resources.



#### Laurie Ziatas, *Director*; B.Juris, LLB, EMBA, MMedConflRes, MAICD Over 33 years of legal and business experience; co-founder of Inca Minerals and Platypus Resources.



**Tom Dukovcic**, *Managing Director*; B.Sc(Hons), MAIG, MAICD Geologist with 20<sup>+</sup> yrs experience; proactive manager.



#### Dennis Trlin, Director;

Background in stockbroking, investment advice and research; co-founder of Platypus Resources.

#### In-Peru Management

**Gary Anderson,** *General Manager;* Former President and CEO of Canadian company High-Ridge Resources Inc; responsible for initial drilling of Chanape in 2008.

**Dr. Adam Szybinski,** *Exploration Manager;* Identified porphyry potential at Chanape and led the initial discovery drilling program in 2008.



# Tightly Held and Marketable Capital Structure

- General Meeting on 8 August 2014 approved a consolidation of capital on a 1 for 30 basis. Result:
  - →Realistic market
  - →Trading liquidity
  - $\rightarrow$  More attractive to investors

#### **CURRENT CAPITAL STRUCTURE**

Market Capitalisation	\$3.2 million, @ 2.0c (21 Nov 2014)	
Shares on Issue	159.7 million	
Options	1.98 million, unlisted (9.0c by 31 Dec '14)	
Major Shareholders	Circum-Pacific Hldgs Rick Crabb Acorn Corporate P/L Jenny Egusquiza <i>Top 20</i>	12.13% 7.76% 6.07% 6.07% 62.5%



#### Exploring for giants in...

# <section-header>

- Platypus Minerals holds a strategic landholding in a new copper porphyry province in the heart of a belt hosting multiple world class deposits – the Miocene Porphyry Belt of Peru
- 2. Platypus is farming into a drill-ready Cu-porphyry target in WA



# Peruvian Miocene Porphyry Belt



In the company of **GIANTS** in the Peruvian Miocene Porphyry Belt:

- Antamina; 745 Mt @ 1.06% Cu, 0.67% Zn. 0.026% Mo (2010); (BHBP, Xstrata, Teck, Mitsubishi; world top 10 by volume; US\$3.5bn capital)
- La Granja; 3.6 Bt @ 0.51%Cu (Inferred; 0.3 %Cu cut-off; Rio Tinto Presentation, 16.04.2012; estim capital US\$3bn; prod 2017 at 500Kt Cu pa over 40 yrs)
- Michiquillay; 544 Mt @ 0.69% Cu (Anglo American; US\$430M in 2007; pre feasibility)
- **Toromocho**; **1.54** Bt @0.47% Cu (JORC reserves; www.chinalcocmc.com); (Chinalco; purch: C\$840M in 2007; US\$3.5Bn capital; in production, estim 150Kt pa; design 250Kt pa; **largest ball mill in the world**, 12m diam.)

Platypus has secured 230 sq km of granted concessions only 30 km from Toromocho... **in the heart of giant country**, and...



...Platypus tenure totally encircles the Inca Minerals Ltd (ASX:ICG) Chanape porphyry discovery:

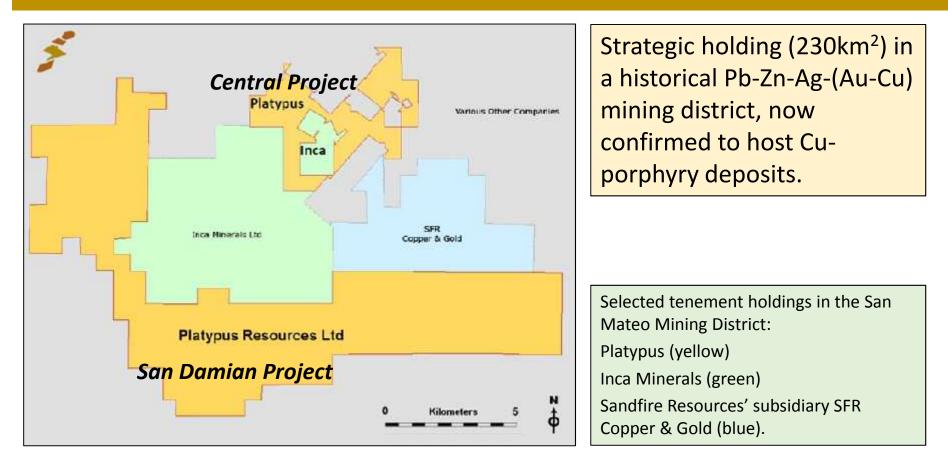
284 m @ 0.32% Cu (CHDDH011) 55 m @ 2.3% Cu (CHDDH012)

Chanape is a completely preserved porphyry system with mineralisation identified over a 1.3 km vertical extent, and open at depth...



Ref: Inca Minerals' ASX announcement, 18 June 2014

# Platypus – Significant Landholding in Hot Spot

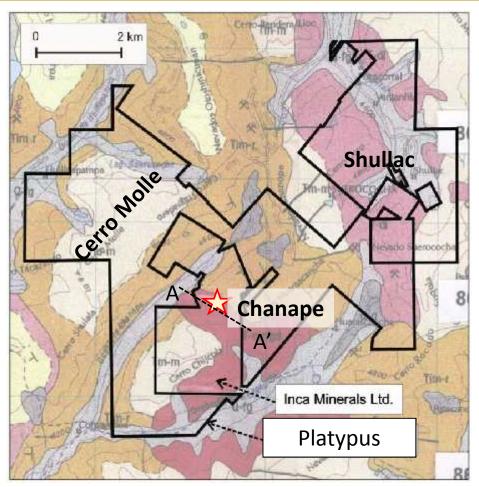


Platypus, through 100% subsidiary Platypus Resources Limited (PRL), has secured two projects in Peru:

- **1. Central Project** (3,450 ha), surrounding the Inca Minerals (ASX:ICG) Chanape Project.
- 2. San Damian Project (20,000 ha), strategic regional holdings.



# Strategic holding in Chanape-Shullac area



Simplified geology, highlighting multi-phase intrusive and volcanic activity (potential porphyry bodies) and **continuity of Chanape features into Platypus ground**.

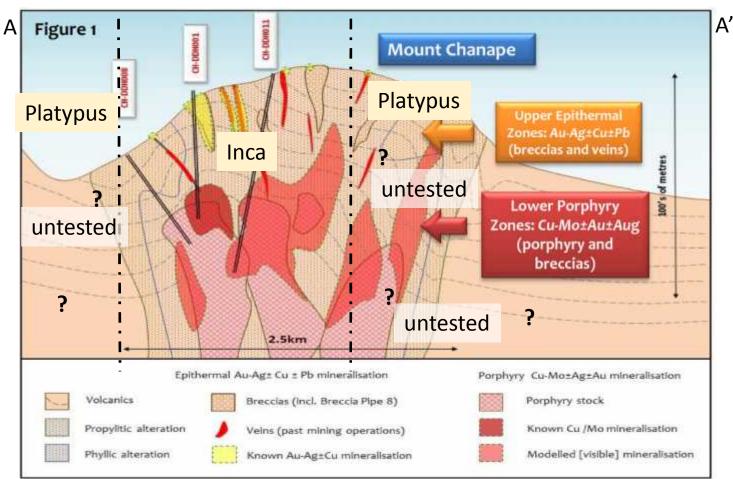
The **Shullac** area contains a number of **Pb-Zn-Ag-Cu mines** (shafts and adits) typical of deeper levels of epithermal mineralisation, thus potentially closer to the porphyry environment.

Cross-section A-A' on following slide

Inca Minerals Ltd Chanape project: CHDDH011: 284 m @ 0.32% Cu, 80ppm Mo; open (porphyry). CHDDH012: 55 m @ 2.3% Cu, 0.6 g/t au, 43 g/t Ag (mesothermal).



### Chanape model and tenure



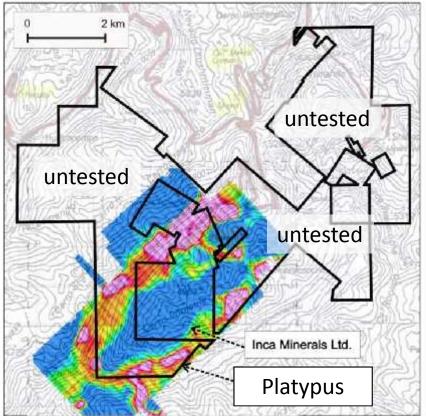
Annotation of schematic diagram prepared by Inca Minerals showing position of three deep porphyry holes and potential size of the Chanape porphyry. *Dashed line = approximate position of tenement boundary as estimated by Platypus.* 

Source: Inca Minerals ASX announcement, 24 February 2014, Figure 1.



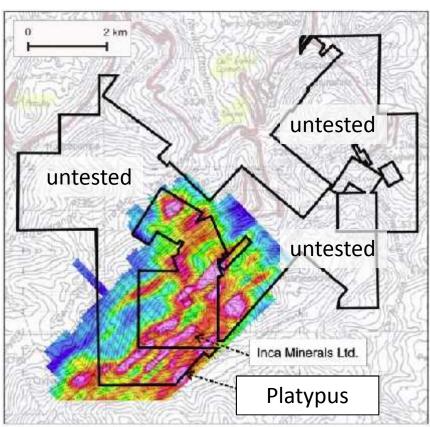
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#### Chanape area – continuity of features



Magnetics at 375 m depth. The annulus might represent a concentration of magnetite in a zone of propylitic alteration surrounding a porphyry deposit.

(High Ridge data, remodelled by Inca Minerals. Inca Minerals ASX release 30 November 2012).

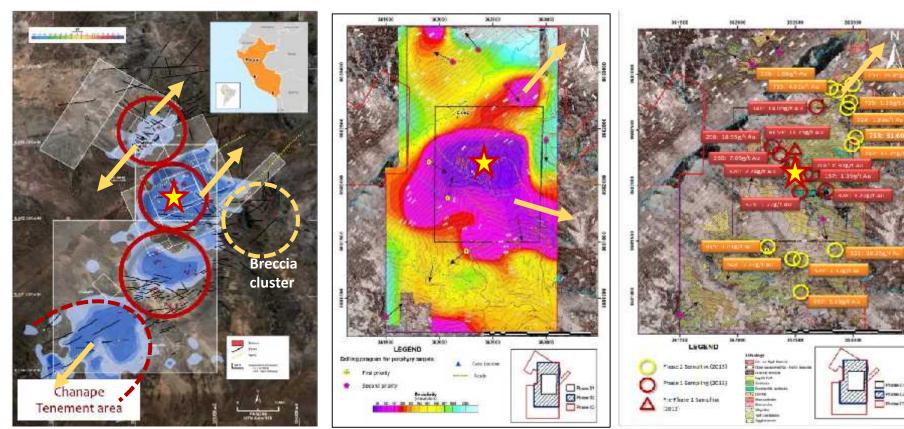


Chargeability at 150 m depth, highlighting predominant NE-SW trends in the general area. (*High Ridge, 2008*).

#### Geophysics highlight the continuity of Chanape features into Platypus ground



#### Inca's Chanape – continuity into Platypus ground



SP (spontaneous potential) coincident with breccia clusters.

Resistivity trends, including to SE towards breccia cluster.

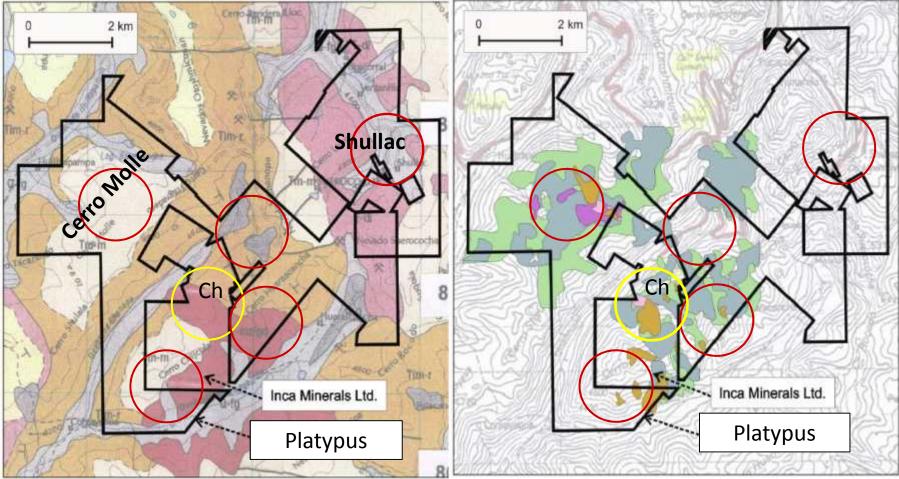
Surface gold (rock chips); up to 31 g/t Au on Platypus boundary.

Range of results from Inca Minerals demonstrating **continuity of mineralised system** into Platypus ground. *From Inca announcements dated 13 Sep 2013 and 17 Nov 2013 (annotated by PLP).* 



# Platypus: 5 porphyry targets

**Commanding landholding** containing epithermal mineralisation and potentially **5 copper porphyry targets** totally surrounding Inca Minerals' Chanape project.



**Geology** – showing exposed intrusives akin to Chanape, some containing artisanal mines.

**Aster** remote sensing – showing alteration minerals indicative of porphyry copper environments; ASTER successfully identifies the position of Chanape.

# Shullac – a porphyry below?



The Shullac mine veins are hosted within a **mineralized breccia** and lie on the NE-SW trend typical of the general Chanape area. The dominance of Zn and Pb suggests **proximity to the epithermal-porphyry transition**.

The main portal at the Shullac mine provides access to workings throughout the mine area.



Surface rock chip sampling by Platypus personnel at Shullac returned up to: 1.0 g/t Au 45.8 g/t Ag 2.17% Pb 12.25% Zn 0.14% Cu



# Peru – planned work programs

- 1<sup>st</sup> phase exploration, \$0.75M (Q4 2014 Q1 2015):
  - Fieldwork over Shullac and other targets:
    - mapping, rock chips, geochemistry
  - Ground geophysics:
    - magnetics, IP/SP, gravity
  - Modelling of Aster multispectral data over remainder of Central Project, specifically the Shullac area and NE of Chanape
- 2<sup>nd</sup> phase exploration, \$0.75M (Q2 Q3 2015):
  - Drilling at Shullac
  - Reconnaissance over San Damian project



#### Gobbos: Advanced Cu-porphyry target in WA



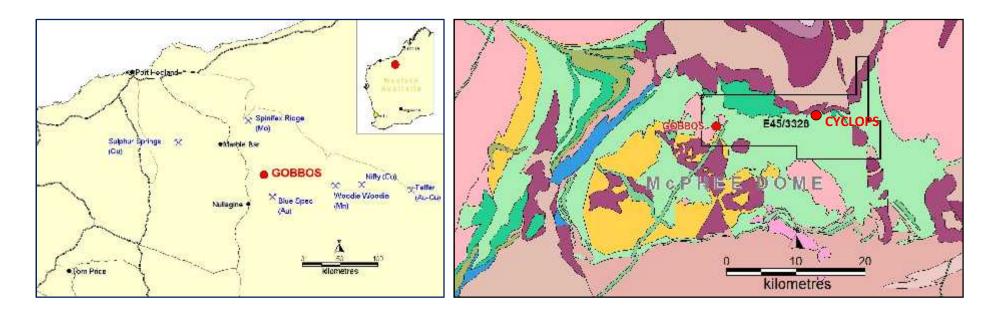
Platypus holds **farm-in rights** over E45/3326 from Gondwana Resources Ltd to balance its exploration portfolio and to provide potential for newsflow ahead of activities and results from Peru.

#### E45/3326; East Pilbara, WA

- Aligned with the Platypus *focus on copper-porphyry*
- Located in *proven district*
- Highly prospective, with *defined targets:* 
  - Gobbos prospect: drill-ready porphyry Cu-Mo-W-Ag; 13 m @ 4.28% Cu from costean
  - Cyclops prospect: massive Ni-sulphides; 4 strong EM anomalies
- Low cash commitment (min \$100K; \$500K → 51%; further \$500K → 75%)



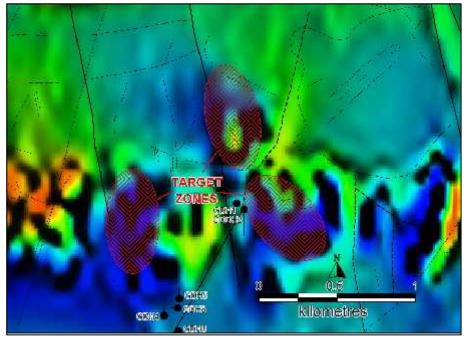
#### **Gobbos** - Location



The 'Gobbos' exploration licence (E45/3326; approx. 200 km<sup>2</sup>) is located 40 km NE of Nullagine in the East Pilbara region of Western Australia, straddling the northern margin of the Archaean McPhee Dome in a **proven multi-commodity district.** 



# Gobbos: Porphyry Cu-Mo-W-Ag



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Aeromagnetics, showing demagnetised zones coincident with highest copper-in-soil

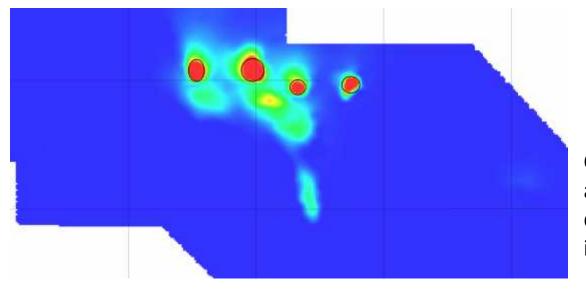
Geology (granite, red; basalt, green) showing 1.5km x 1.5km Cu anomaly: Red: > 500 ppm Cu; Purple: > 1000 ppm Cu (0.1%)

- Current drilling underway

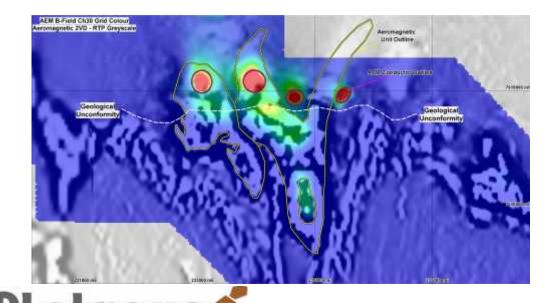
- Target: Basalt / granodiorite contact at depth beneath anomalies
- Targets untested by historical drilling, which drilled AWAY from target zones
- Outstanding walk-up drilling opportunity to test for a large Cu deposit



#### Cyclops: Four Sleeping Giants?



Cyclops: airborne EM survey area showing position of distinct anomalism and four isolated highs.



EM anomalies clearly correlating with ultramafic geology (outline) and aeromagnetics  $\rightarrow$  massive sulphide targets.

#### Reasons to Invest in Platypus (ASX:PLP)

- ASX-listed junior explorer with experienced and diversified board and management team and a *clear strategy to add value*
- Seeking to raise **\$2 million** to explore two highly prospective projects:
  - **1. PERU** copper-gold; 230 sq km in heart of copper porphyry giant country
    - Dominant and strategic landholding in Chanape area
    - Ground level entry point into a hot district in Peru
  - **2. GOBBOS** synergistic copper porphyry, nickel-copper sulphides in WA
    - Defined, *drill-ready Cu-porphyry target*
- Excellent upside for investors in the copper space Platypus represents an opportunity to invest ahead of possible multiple uplift in value as targeted exploration programs are rolled out:

#### *Market cap: \$3.2 M → \$??M...*



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