

#### **Phosphate Australia Limited**

#### An Australian Resources Company

#### Phosphate Australia's projects include:

- 1. Musgrave Project WA, Ni-Cu-PGE's. Joint Venture with Anglo American. 'Manchego' EM anomaly to be drilled end of August 2013. POZ 30% free carried.
- 2. Highland Plains Phosphate Project, Northern Territory. An inferred resource of 53 million tonnes at 16% P<sub>2</sub>O<sub>5</sub>. POZ 100%.
- 3. Tuckanarra Gold Project in the Murchison of WA.







**ASX Code: POZ** 

www.phosphateaustralia.com.au

**Brokers Update August 2013** 

#### Disclaimer



This presentation is an overview of the Company prepared with good intention. It is not a prospectus and offers no securities for subscription or sale in any jurisdiction, nor a securities recommendation.

All information necessary for investment decisions is not contained herein and investors are encouraged to conduct their own research of Phosphate Australia Limited in conjunction with legal, tax, business and financial consultation.

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This presentation may refer to the intention of Phosphate Australia Limited but it does in no way intend to forecast forward looking statements or future matters for the purposes of the Corporations Act or any other law. Future events are subject to risks and uncertainties, and as such results, performance and achievements may in fact differ from those referred to in this presentation. With the exception of fraud, no liability is accepted for any loss, cost or damage suffered or incurred by the reliance on the sufficiency or completeness of the information, opinions or beliefs contained forthwith.

Research, evaluation and analysis of the business, data and property are encouraged before making financial investments. Any estimates, projections or opinions contained herein may involve subjective judgment, analysis and interpretation, and satisfaction of ones own decisions should be undertaken. We caution you not to place undue reliance on our forward-looking statements, which speak only as of the date of this presentation, and we undertake no obligation to update this information.

The information in this presentation that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Jim Richards who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Richards is a Director of POZ. Mr Richards has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Richards has consented to the inclusion in this presentation of the matters based on information in the form and context in which it appears.

The resource estimations for the Tuckanarra Gold Project Area deposits, including the Anchor, Bollard, Cable, Drogue, Maybelle, North and Miners Dream deposits, were also carried out by Mr Craig Harvey utilizing resource drilling data sets provided by Phosphate Australia Limited. Mr Harvey is a Principal Consultant with Ravensgate Mining Industry Consultants and is also a Member of the Geological Society of Southern Africa. Mr Harvey has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity undertaken to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Harvey also consents to the inclusion in the report of the resource estimation matters for these deposits based on the reporting information in the form and context in which it appears.



### **Company Structure (ASX Code – POZ)**

#### **Board Of Directors**

Executive Chairman: Jim Richards



Non-Executive Director & Company Secretary: Grant Mooney





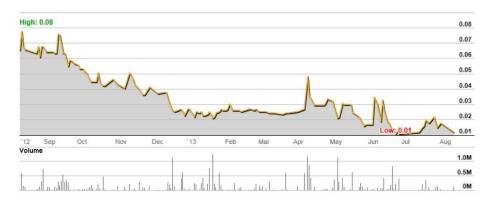
Total Shares on Issue161,168,333Options on Issue (\$0.06 to \$0.20 strike)7,350,000Market Capitalisation (undiluted \$0.018 per share)\$2.9 MCash on Hand (End Q4 June 2013)\$2.15 M

#### **MAJOR SHAREHOLDERS**

Holder	Shares	% of Capital	Options
Directors	34,462,500	21.4	6 million
Michael Ruane	16,734,110	10.4	nil
Lodestone Equities	11,000,000	6.8	nil

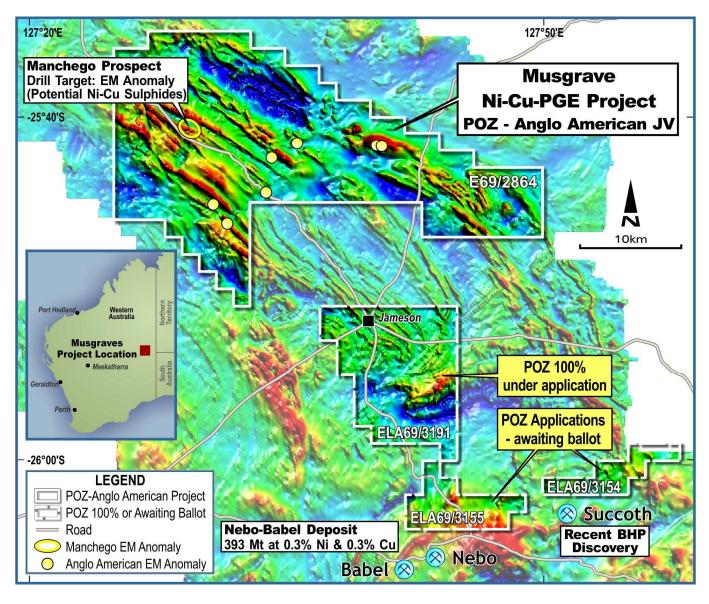
Non-Executive Director: Mark Thompson

#### **Share Price History – 12 Months**





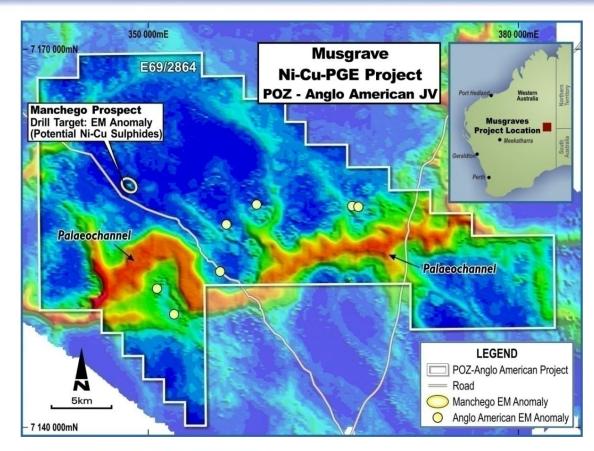
# Musgrave Project (WA): E69/2864, Anglo American Farm In, POZ 30% Free Carried



- "POZ in a farm in agreement with Anglo American over tenement E69/2864 (619km²)
- " POZ 30% free carried to BFS
- Targeting magmatic Cu-Ni sulphide deposits (highly conductive)
- Anglo discovered the airborne electro-magnetic geophysical (AEM) anomaly 'Manchegoq on E69/2864 during an extensive regional survey
- Classified as a high priority target by Anglo
- Drilling at Manchego to commence late August 2013



### Musgrave Project (WA): Manchego Prospect Drilling

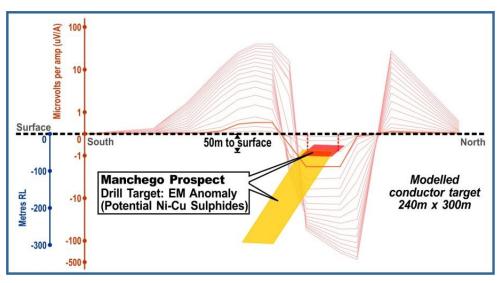


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Manchego Airborne EM Anomaly

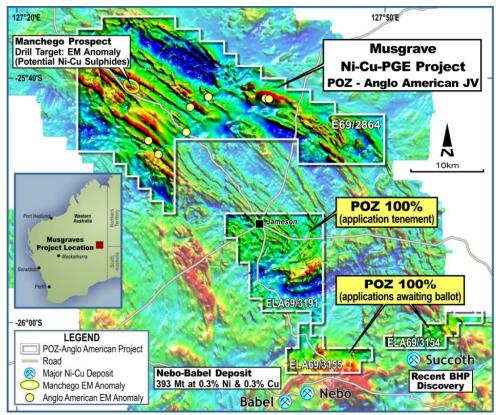
Manchego Ground EM Anomaly (target not to scale)

- Interpretation of Manchego by Anglo American models a bedrock conductor (potentially a nickel-copper sulphide body), 240 x 300 metres extent, dipping at 45 degrees, extending to an unknown depth
- Shallow target 50 metres below the surface
- "Mineralisation style model similar to Voiseys Bay (Canada) and Nova (WA)





### **Musgrave Region (WA): Other POZ Projects**



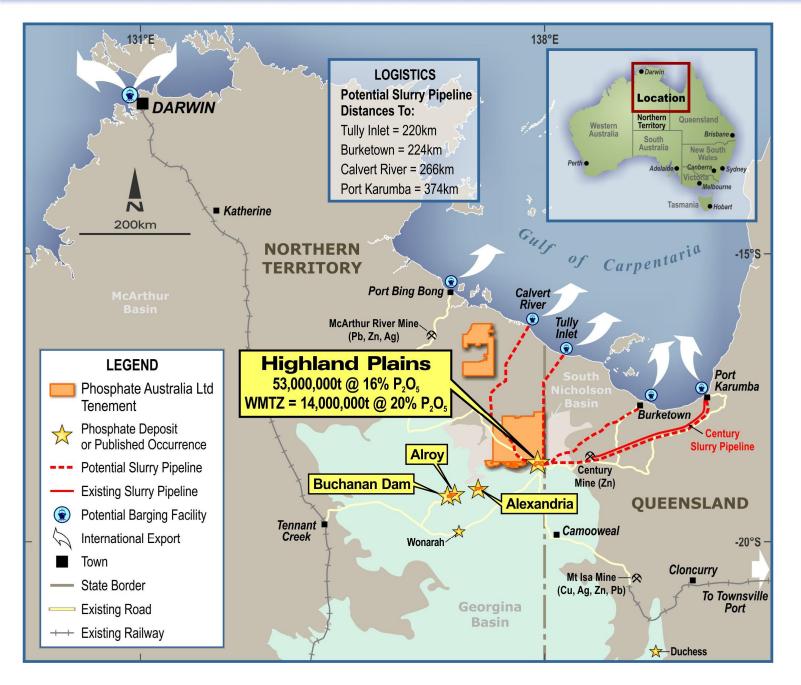


POZ Executive
Chairman Jim
Richards sampling
PGE-magnetite
outcrop on POZ
permit
ELA69/3155: four
samples averaged
2.4g/t PGE+Au (Pt
:Pd 3:1)

- The BHP Billiton Ltd controlled Nebo-Babel deposit (393 Mt at 0.3% nickel and 0.3% copper) remains the most significant discovery in the region to date
- Succoth copper discovery by BHPB recently reported in the media
- " POZ has a 100% interest in permit ELA 69/3191 (167km²)
- "POZ ELA 69/3155 prospective for PGEs and Ni-Cu. PGE assays at surface of up to 3.4 g/t (mainly platinum), 10s of km of strike potential
- POZ has applied for ELAcs 69/3155 (49km²) and 3154 (34km²) and is one of multiple applicants for the tenements that will be decided by ballot. These two permits are proximal to the BHP Nebo/Babel deposit and new Succoth discovery



### **Highland Plains – Phosphate Project Location**

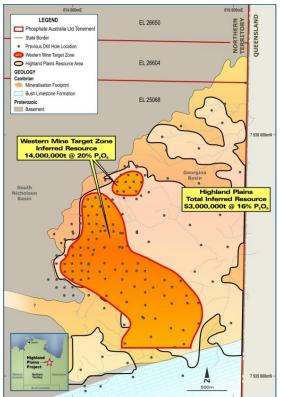


- 1. POZ Flagship Project at Highland Plains in the NT has a JORC Inferred Resource of 53,000,000 tonnes @16%P<sub>2</sub>O<sub>5</sub>
- 2. Transport Solution: 3 million tonnes per annum slurry pipeline initiative. Scoping study transport costs from A\$2.06 to \$3.69 per tonne
- 3. Projects owned100% by POZ with no private royalties



### **Highland Plains – Resource & Potential**

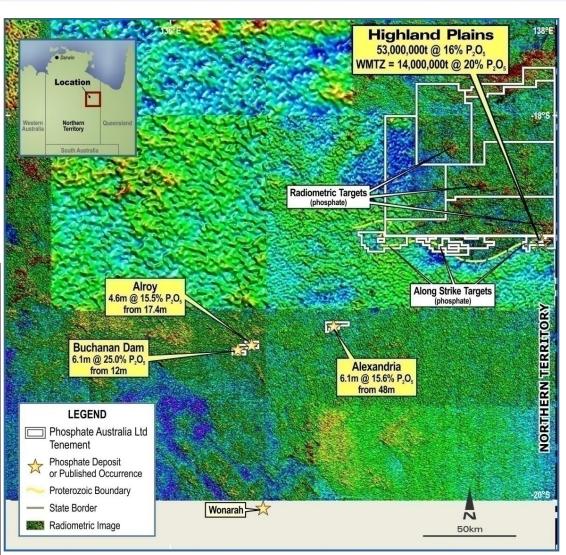
- Along strike potential for further discoveries to the west of Highland Plains, permitting in place to drill
- Further exploration assets requiring follow up drilling include historic drill hits of:
  - Alexandria . 6.1m @ 15.6% P<sub>2</sub>O<sub>5</sub> from 48.8m
  - " Alroy . 6.4m @ 12.0% P<sub>2</sub>O<sub>5</sub> from 16.2m
  - $^{\prime\prime}$  Buchanan Dam . 6.1m @ 25%  $P_2O_5$  from 12.2m





Highland Plains Deposit

Core Drilling at Highland Plains



Other Prospects: Radiometric image of POZ Prospect Areas. Note anomalous areas north and west of Highland Plains



### **Highland Plains – Metallurgy & Logistics**

Highland Plains flotation testwork

#### **Metallurgy**

- "High Grade End Product: extensive flotation testwork has resulted in grades of 32.3%  $P_2O_5$  at 76% recovery from the coarse and fine fractions.
- Low levels of carbon, sulphur, fluorine, cadmium and uranium



#### Logistics

#### **Slurry Pipeline – Mine to Coast**

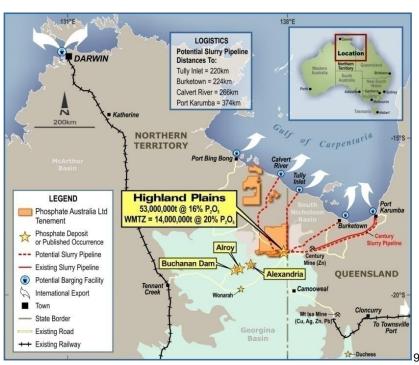
- ✓ CAPEX estimates vary from AUD184 M to AUD226M
- ✓ OPEX estimates vary from A\$2.06/t to A\$3.69/t for a 2 to 3 Mtpa operation
- ✓ CAPEX payback: 2.5 to 3 years.
- Hydro geology investigations indicates ample water to support slurry pipeline operation

#### **Port Karumba**



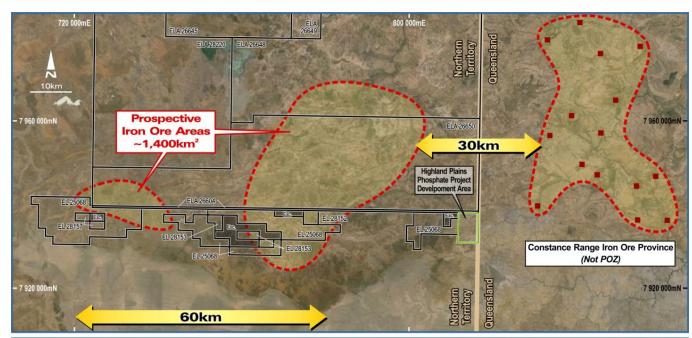
#### **Port Bing Bong**







### Nicholson Iron Project (NT): POZ 20% Free Carried











Iron Ore prospect: terrain and sampling; grades up to 63.7% Fe

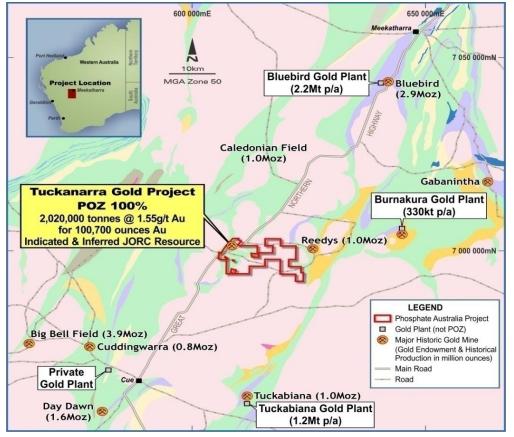


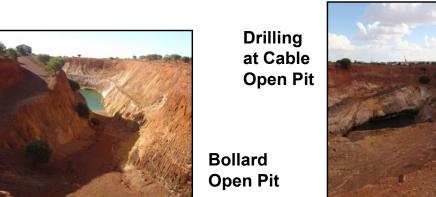
## Nicholson Iron and Manganese Project (NT)

- Large area of 1,300 km<sup>2</sup> prospective for Clinton-style oolitic iron mineralisation.
- Iron ore exploration was conducted in the nearby Constance Range area in Queensland in the early 1960s by BHP.
- POZ has conducted initial helicopter reconnaissance and mapping work and has confirmed the presence of multiple iron rich bodies with sampled grades up to 63.7% Fe (5.1% SiO2, 1.79%Al<sub>2</sub>O<sub>3</sub> and 0.04% P).
- Joint Venture Option Agreement with Jimpec Pty Ltd earning 80% of the iron and manganese rights by payment of \$1.5m to POZ and expenditure of \$1.5m on the project.
- Overall size potential of the iron project in this under-explored region is large.



### **Tuckanarra Gold Project (WA)**





- 100% interest in the historic Tuckanarra Gold Project in the central Murchison, WA. No private royalties
- Maiden Indicated and Inferred JORC resource of:
   2,020,000 tonnes at a grade of 1.55 g/t Au for
   100,700 ounces of gold at 0.25g/t Au lower cut off

Resource Category	Tonnes	Grade (g/t)	Ounces Au
Indicated	1,091,000	1.60	56,000
Inferred	929,000	1.50	44,700
Total	2,020,000	1.55	100,700

- Pit design and permitting underway
- Excellent initial metallurgical recoveries of between 94.7% and 99.3% gold (75 micron grind, 48 hour cyanide bottle rolls)
- Situated centrally within the Murchison goldfield with nearby gold plants at Burnakura (40 km), Bluebird (58km on highway) and Tuckabiana (73 km, highway and haul road). potential for toll treatment

#### **Contact:**

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