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Forward looking Statements

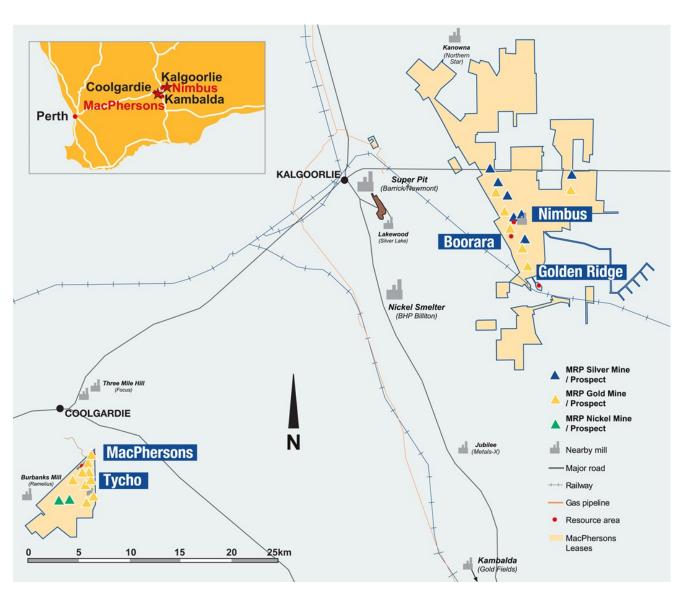
This presentation may contain statements that may be deemed 'forward looking statements'. Forward risks, uncertainties and other factors, many of which are outside the control of MRP, can cause actual results to differ materially from such statements. Such risks and uncertainties include, but are not limited to, commodity price volatility, increased production costs and variances in ore grade recovery rates from those assumed in mining plans, as well as political and operational risks and governmental regulation and judicial outcomes. MRP makes no undertaking to update or revise such statements, but has made every endeavour to ensure that they are fair and reasonable at the time of making the presentation.

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Exploration targets are conceptual in nature and drilling may not convert these to resources.

Prime Location, Extensive Infrastructure

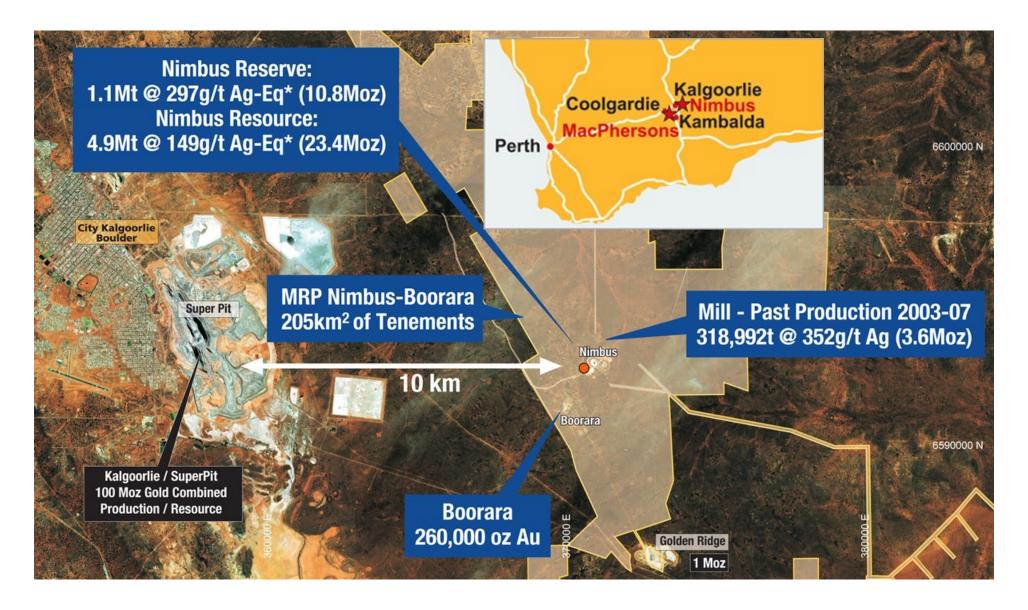




- Strategic tenement holding
- Readily available infrastructure: gas, power, rail, water
- Mining engineering services and workforce
- Kanowna –Boorara shear zone

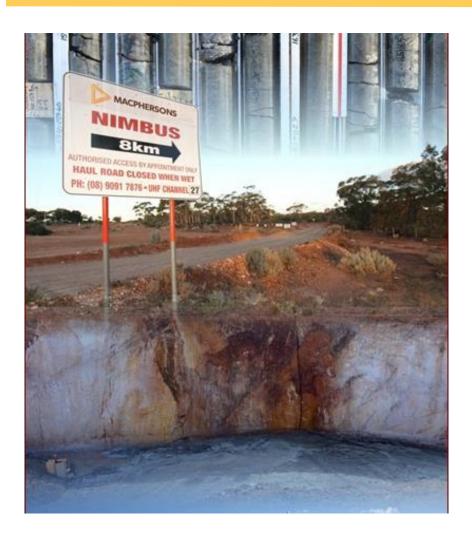
Prime Location, Recognised Production Area





Strategic Achievements





- ▶ 15,732m (processed 55 drillcore holes)
- Mine design and Ore Reserve statement
- ▶ 1.1 Mt @ 297 g/t Ag Eq.* recovered grade
- Significant increase in Mineral Resource

| | 2013 | 2014 |
|------------|------------|--------------|
| Silver Eq. | 18.3 Moz | ▶ 23.4 Moz |
| Gold | 330,000 oz | ▶ 460,000 oz |
| Zinc | 49,000 t | ▶ 65,000 t |

- Extension drilling confirmed 600m down plunge
- Project independent technical review (SRK) identified no fatal flaws
- Progressing to Bankable Feasibility Study (Sedgman)
- Ag Eq is calculated using metal credits: Ag Eq. = Ag + Zn x 28.852 + Au x 62.626 + Hg x 0.15
- Full details of Ag Eq calculations and input parameters detailed in the Appendices.

Corporate Overview



ASX Code: MRP

ASX Listed: December 2010

Ordinary Shares: 252 million

Options: Nil

Market Cap: A\$50m (at 20 cents)

Cash: A\$4.2m (31 Mar 2014)

Debt: Nil

Projects

100% Nimbus Silver-Gold-Zinc VHMS

▶ 100% Boorara/Coolgardie gold assets

Substantial Shareholders

Directors/Management: 37%

Orion Mine Finance: 8%

▶ Top 20 shareholders: 65%

12 Month Performance



Board of Directors & Management

Ashok Parekh, Chairman

Accounting & Mining Company Management

Morrie Goodz, Managing Director Geology, Chemistry, Mine Development & Management

Jeff Williams, Non-Executive Director *Mining Engineering, Mine Planning, Development & Operation*

Randell Ford, Operations Manager *Mining Engineering, Processing & Operational Management*

Stephen Hewitt-Dutton, Company Secretary Accounting, Mergers & Acquisitions, Compliance

BFS - Plant Design Flowsheet – Q3 2014





| Key Parameter | Input |
|---|---------------|
| Stope design | 2 to 20m wide |
| Expanded Plant capacity (from 160,000 tpa to 480,000 tpa) | 480,000 tpa |
| New Heap Leach Plant | 1,000,000 tpa |

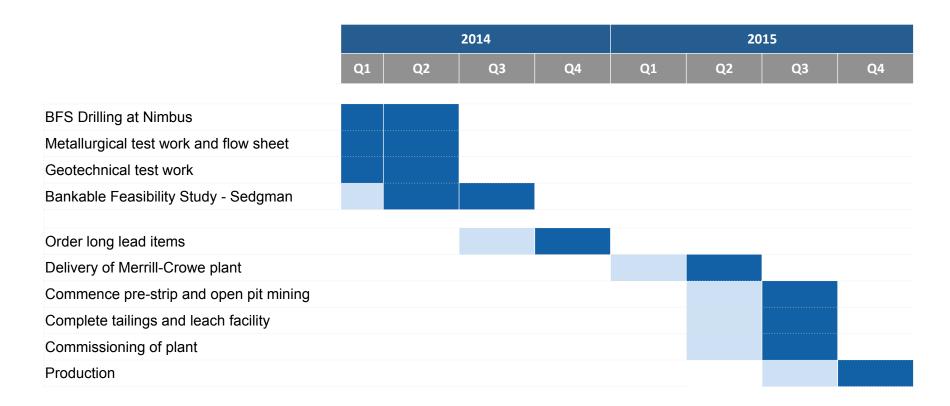
Plant

- Operated from 2003 to 2007
- Processed 319,000 t at a head grade of 352 g/t Ag to produce 3.6 Moz silver
- Larger resource needs larger mill capacity
- Conventional plant
 - Grind / Gravity
 - Leach / Flotation
 - Flowsheet in Appendix

Timeline to Production

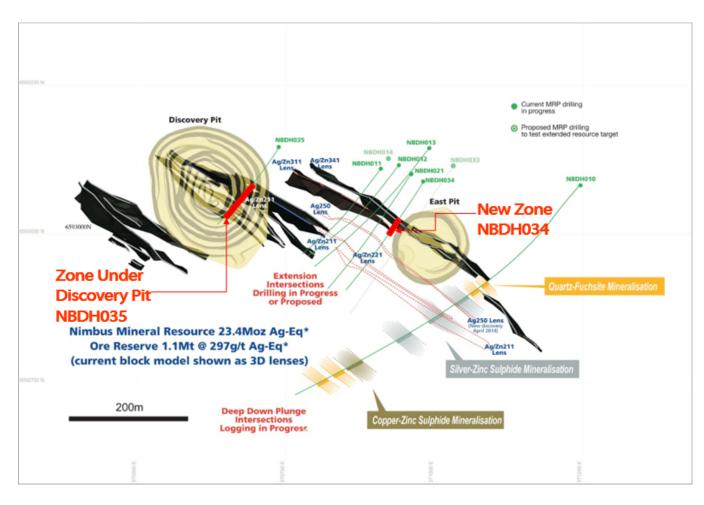


Production Target Q3/Q4 2015



Upside - BFS Drillholes



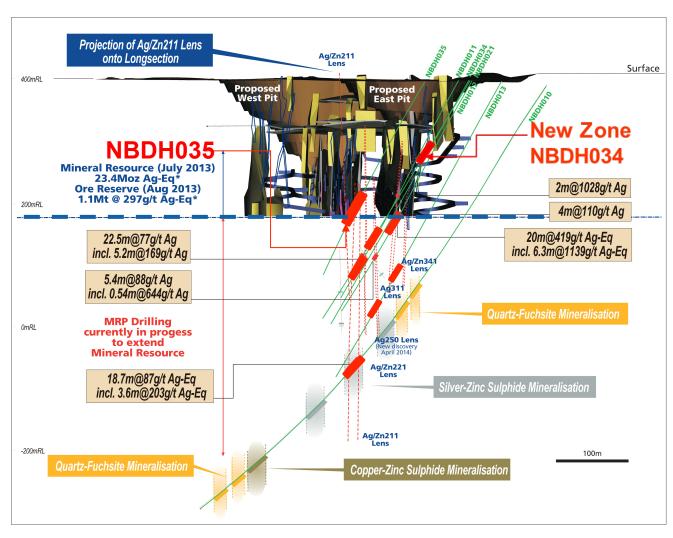


VHMS deposit

- Volcanogenic Hosted Massive Sulphide
- Existing mineral resource limited only by drilling
- Mineralisation remains open in both in strikelength and depth
- multiple lenses, such as AG211

Nimbus Silver-Gold-Zinc Project – 500m Deep





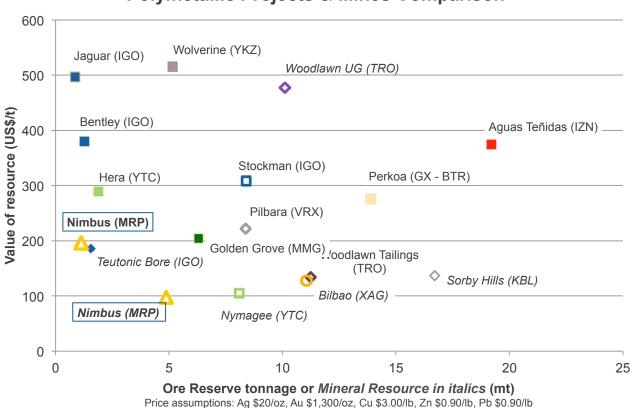
VHMS deposit

- ▶ 500m deep intercept
- Analogous to 850m deep Jaguar/Bentley (IGO) and Golden Grove (MMG) deposits
- 30+ lenses identified to date
 - Zinc massive sulphide mineralisation consists mainly of sphalerite, pyrite and silver bearing minerals with byproduct quantities of gold, copper & lead-bearing

Project Benchmarking



Polymetallic Projects & Mines Comparison



- Value of Nimbus ore in the ground is similar to the one from Golden Grove (GG)
- GG operating continuously since 1990

Source: Lincoln Crowne & Company

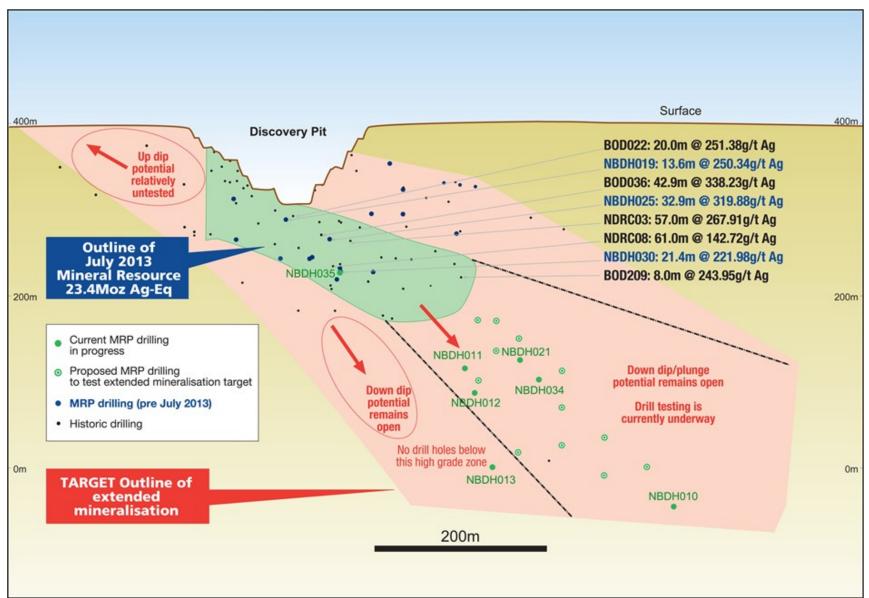
Video Flyover





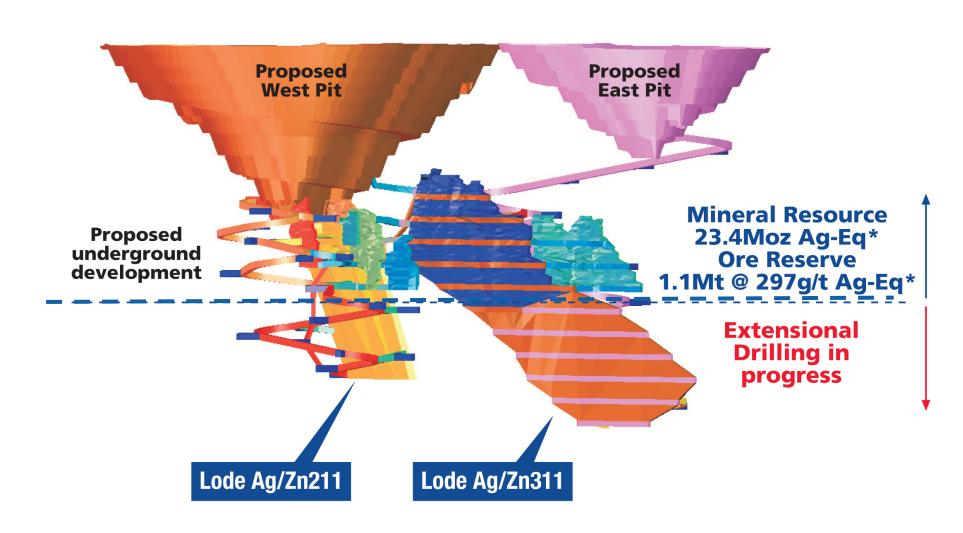
Open High Grade Mineralisation





Upside Potential

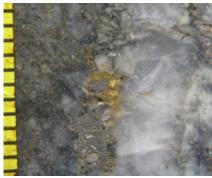




Grade is King – Massive Sulphides







Polymetallic

- Silver
- Zinc
- Gold

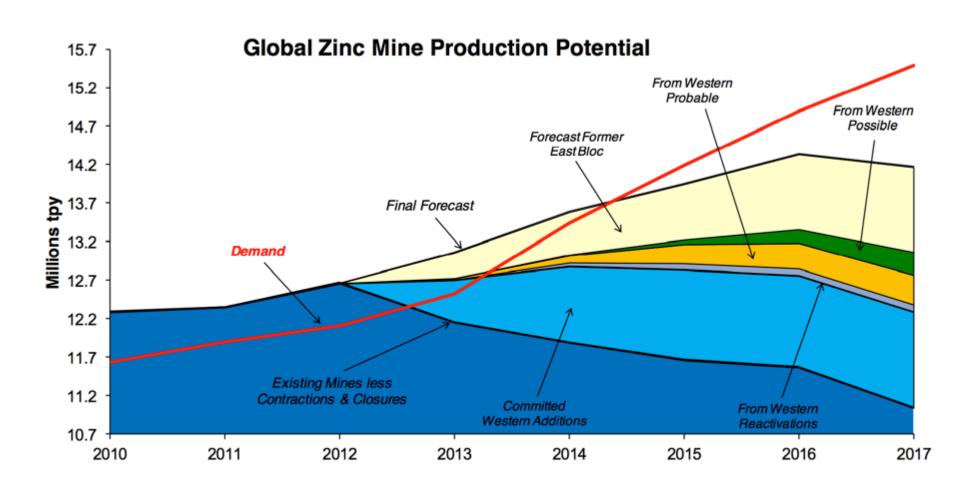
VHMS deposit

- Existing mineral resource limited by drilling
- Mineralisation remains open in multiple lenses, such as Ag/Zn211



Zinc Market Supply Demand Curves



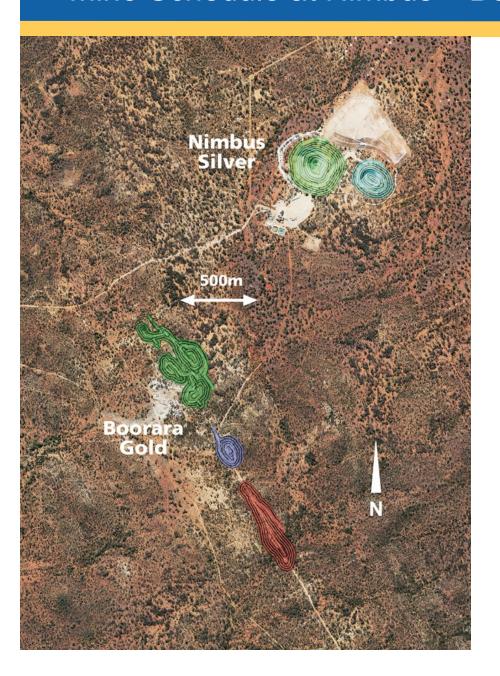


Source: CRU

▶ Zinc Price has ranged up 5-10% in 2014

Mine Schedule at Nimbus – Boorara



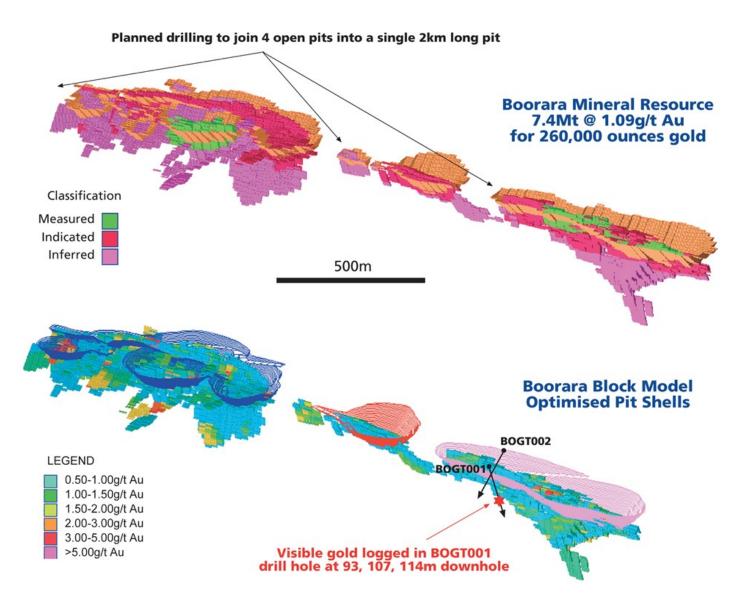


Single Fleet

- 2 Nimbus Pits start with East Pit (Blue) moving to underground after 8 months;
- West Pit (Green) moves underground after 20 months
- As Nimbus mining fleet becomes available mining commences at Boorara (<2km away) and runs in parallel with Nimbus
- Coolgardie gold ore will be fed into the Nimbus mill schedule later in the mine schedule

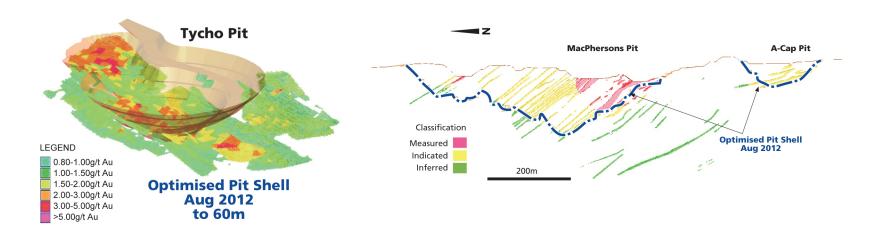
Boorara Resource, Block Model & Mine Design

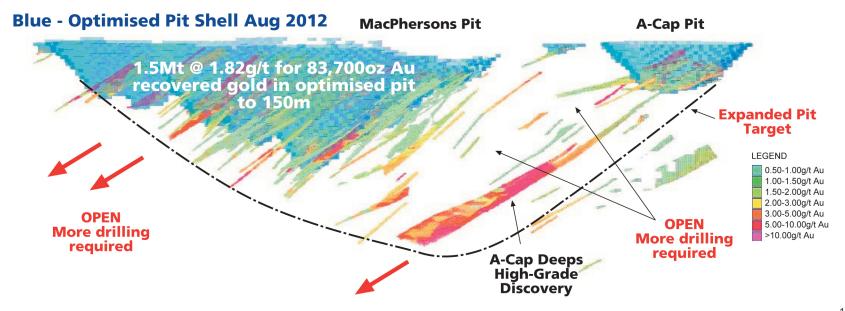




Coolgardie Resource, Block Model & Mine Design

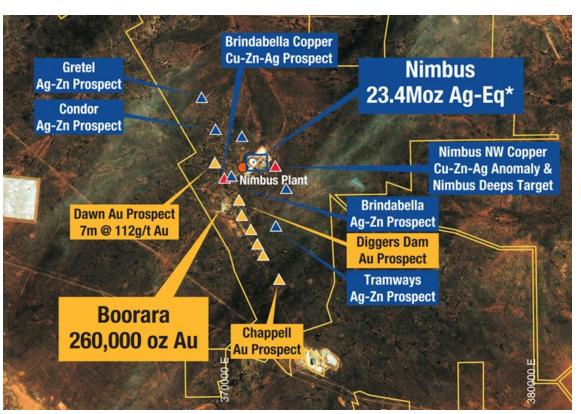






Exploration Project Areas – 5km Project Pipeline





- Copper Potential: analogies with the geology of nearby Golden Grove and Jaguar-Bentley mines support the high likelihood of copper-zinc-silver-gold feeder lenses being identified nearby
- Nickel Potential: both the Coolgardie and Golden Ridge tenements are at the northern extension of the Kambalda Nickel Dome and have known nickel occurrences where helicopter EM has detected 3 EM conductors drilling of these will be undertaken in future exploration

Points of Difference



Experienced operational mine

mangers

Grade is king (297g/t Ag-Eg)

Move to Producer

- Polymetallic
- ▶ Silver Gold Zinc
- Copper Nickel

ASX Code: MRP www.mrpresources.com.au





Competent Person Statement



The information in this presentation that relates to mineral resources and exploration results is based on information compiled by Mr Morrie Goodz, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Morrie Goodz is a full time officer of MacPhersons Resources Ltd and 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 Goodz has given his consent to the inclusion in this presentation of the matters based on the information in the form and context in which it appears.

- ► Table 1 Sections 1 and 2 as per JORC Code 2012 for Reporting of Exploration Results is included in the ASX Announcement dated 17th February 2014 on the MacPhersons Resources Limited website.
- ▶ Table 1 Sections 1 thru 4 as per JORC Code 2012 for Reporting of Ore Reserves and Mineral Resources is included in the ASX Announcement dated 3rd December 2013 on the MacPhersons Resources Limited website.

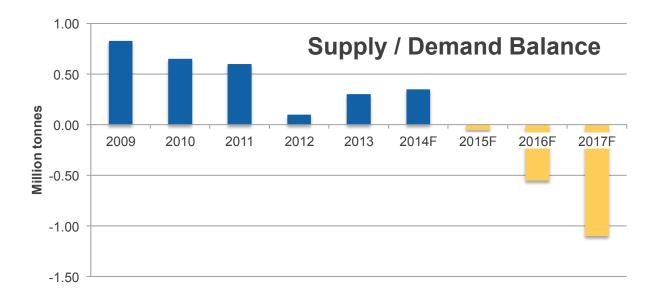
Further Information

- For further information on MacPhersons and its projects or to subscribe for regular updates, please visit our website at www.mrpresources.com.au or contact our Kalgoorlie office.
- ▶ MacPhersons Resources Managing Director, Morrie Goodz, is available for comment and can be contacted on +61 429 834 912

Zinc Mine Closure and Growing Deficit



| Mine | Location | Closing | Capacity |
|--------------|-----------|-----------|-----------|
| Brunswick | Canada | 2013 | 200,000 t |
| Perseverance | Canada | 2013 | 110,000 t |
| Century | Australia | 2013/2014 | 510,000 t |
| Skorpion | Namibia | 2014 | 164,000 t |

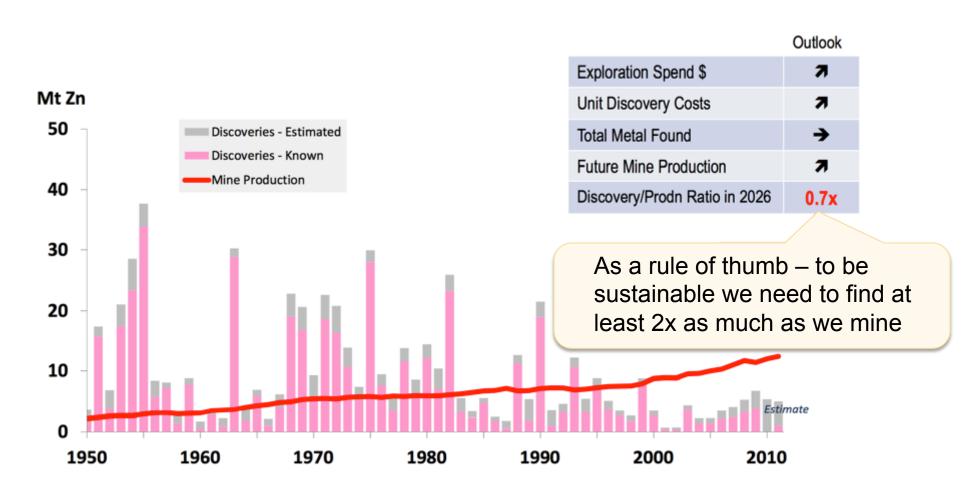


Source: CRU

- Zinc has compelling market fundamentals among the base metals
- Significant mine closures are expected to result in a deficit in excess of 1 mt in 2017
- China is a growing net importer since 2008

Mining and Discovery Rates for Zinc





Source: MinEx Consulting © Feb 2012. Production data from USGS

23.4 million oz Ag equivalent Resource



| Zone | Category Tonnes <i>Mt</i> | | Ag Grade g/t | Ag Equivalent g/t | Ag Metal <i>Moz</i> | Ag Metal Eq. <i>Moz</i> | | |
|---|---------------------------|-------|--------------|-------------------|------------------------|----------------------------|--|--|
| Mineral Resource as at 25 th July 2013 | | | | | | | | |
| | Measured | 1.041 | 112 | 219 | 3.7 | 7.3 | | |
| Silver Zone | Indicated | 2.502 | 103 | 168 | 8.3 | 13.5 | | |
| _00 | Sub-total | 3.543 | 105 | 183 | 12.0 | 20.9 | | |
| Gold Zone | Inferred | 1.333 | 10 | 59 | 0.4 | 2.5 | | |
| Total | | 4.876 | 79 | 149 | 12.4 | 23.4 | | |
| Ore Reserve as at 5 th August 2013 | | | | | | | | |
| Proved | | 0.705 | 167 | 242 | 3.8 | 5.5 | | |
| F | Probable | | 263 | 396 | 3.6 | 5.3 | | |
| Total | | 1.126 | 203 | 298 | 7.3 | 10.8 | | |

Detailed mineral resource table available in the Appendix

^{*} Ag Eq is calculated using metal credits: Ag Eq. = Ag + Zn x 28.852 + Au x 62.626 + Hg x 0.15

Nimbus Mineral Resource & Ore Reserve



| Zone | Category | Tonnes Mt | Ag Grade <i>g/t</i> | Au Grade <i>g/t</i> | Zn Grade % | Hg Grade <i>g/t</i> | Ag Eq. | Ag Metal <i>Moz</i> | Au Metal <i>koz</i> | Zn metal <i>kt</i> | Hg metal t | Ag Eq. metal t |
|----------------|---|--------------|---------------------------|---------------------------|------------------|---------------------------|--------|---------------------------|---------------------------|--------------------------|------------------|----------------------|
| Mine | ral Resour | ce as at 2 | 25 th July | y 2013 | | | | | | | | |
| | Measured | 1.041 | 112 | 0.11 | 2.32 | 224 | 219 | 3.7 | 3.8 | 24 | 233 | 7.3 |
| Silver Zone | Indicated | 2.502 | 103 | 0.17 | 1.54 | 70 | 168 | 8.3 | 13.8 | 38 | 175 | 13.6 |
| | Sub-total | 3.543 | 105 | 0.15 | 1.77 | 115 | 183 | 12.0 | 17.5 | 63 | 408 | 20.9 |
| Gold Zone | Inferred | 1.333 | 10 | 0.67 | 0.16 | 17 | 59 | 0.4 | 28.5 | 2 | 23 | 2.6 |
| | Total | 4.876 | 79 | 0.29 | 1.33 | 88 | 149 | 12.4 | 46.0 | 65 | 431 | 23.4 |
| Ore F | Ore Reserve as at 5 th August 2013 | | | | | | | | | | | |
| | Proved | 0.705 | 167 | 0.13 | 1.96 | 70 | 242 | 3.8 | 2.9 | 14 | 49 | 5.5 |
| | Probable | 0.420 | 263 | 0.07 | 4.13 | 57 | 396 | 3.6 | 1.0 | 17 | 24 | 5.3 |
| | Total | 1.126 | 203 | 0.09 | 2.77 | 65 | 298 | 7.3 | 3.9 | 31 | 73 | 10.8 |

Reported according to the 2012 JORC Code (mineral resource and ore reserve restated on the 3^{rd} December 2013) Mineral resource reported using Ag \geq 25 g/t or Au \geq 0.5 g/t or Zn \geq 1.0%

Ore reserve estimated using a gold price of A\$1,353/oz, a silver price of A\$21.60/oz and a zinc price of A\$1,996/t

Boorara Mineral Resource



| Category | Oxidation | Tonnes | Au (<i>g/t</i>) | Au (oz) |
|-------------|--------------|-----------|-------------------|---------|
| Measured | oxide | 640,000 | 1.13 | 23,000 |
| | transitional | 390,000 | 1.07 | 14,000 |
| | fresh | 90,000 | 1.02 | 3,000 |
| | sub total | 1,120,000 | 1.10 | 40,000 |
| Indicated | oxide | 1,030,000 | 1.06 | 35,000 |
| | transitional | 1,140,000 | 1.08 | 40,000 |
| | fresh | 1,450,000 | 1.07 | 50,000 |
| | sub total | 3,630,000 | 1.07 | 125,000 |
| Inferred | oxide | 170,000 | 1.39 | 7,000 |
| | transitional | 310,000 | 1.14 | 11,000 |
| | fresh | 2,150,000 | 1.10 | 76,000 |
| | sub total | 2,620,000 | 1.13 | 95,000 |
| Grand total | | 7,370,000 | 1.09 | 260,000 |

As at 12th July 2013. Mineral resource reported at a cut-off of 0.5 g/t Au

Indicative Processing Flowsheet



Conventional processing route

Crushing, grinding, gravimetric separation, leaching and flotation

