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7 July 2014

## Adding high grade nickel prospects into core copper-gold strategy

Minotaur Exploration Limited (ASX: MEP) is pleased to advise that a new investor presentation, which forms part of the Company's current investor and media relations strategy, is attached below.

### HIGHLIGHTS

- No change to primary focus on copper-gold in QLD; introducing secondary focus on nickel-gold in WA
- Initial assessment of the newly acquired WA-based nickel tenements from Breakaway Resources uncovers standout examples of substantial high-grade nickel sulphide mineralisation
- WA nickel prospects represent a compelling exploration opportunity, particularly in a rising nickel price environment
- Minotaur's Board believes Minotaur is significantly undervalued at its current share price (see Slide 11 for further information)

Managing Director, Andrew Woskett explains, "The attached presentation outlines a compelling investment case for Minotaur, with specific initiatives designed to unlock shareholder value. Minotaur has an enviable discovery track record and a strategic portfolio of exploration tenements, offering multiple copper-gold targets in the Cloncurry district (QLD) and an exciting set of advanced nickel sulphide prospects (WA). The Board believes Minotaur is significantly undervalued at current prices."

For further information contact:

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## Strategy Update

7 July 2014

**Andrew Woskett** *Managing Director*



## Adding exciting nickel prospects into core copper-gold strategy

- No change in primary focus: **copper-gold in QLD**
- Introducing secondary focus: **nickel-gold in WA**
- WA nickel assets were not a determining factor in the Breakaway Resources copper-gold focused acquisition completed late 2013
- Minotaur's review in 2014 shows the acquired nickel tenements host **standout examples of substantial high-grade nickel sulphide mineralisation**
- Targets include **known deposits** and multiple untested geochemical and geophysical targets
- Presenting a **compelling exploration opportunity** for Minotaur, particularly in the **rising nickel price environment** (price is up c.36% since Indonesia's nickel ore exports ban in January)



# Corporate overview

## Minotaur is a standout junior miner on the ASX

### About Minotaur Exploration (ASX: MEP)

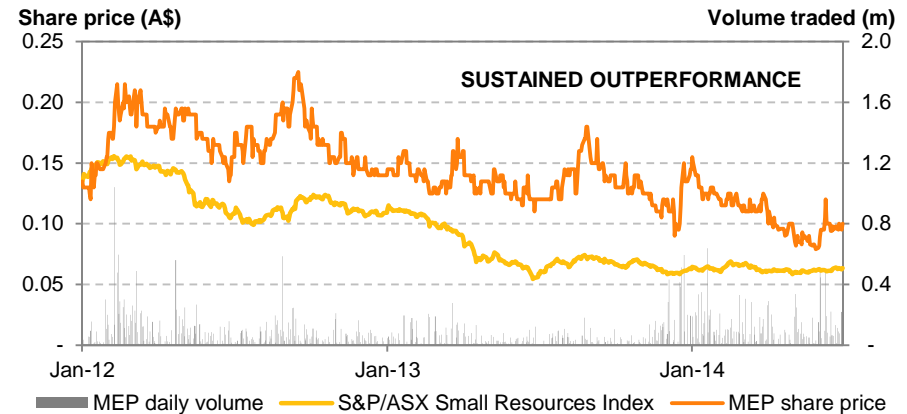
- Primary focus on **copper and gold exploration** in QLD
- Secondary focus on **advanced nickel prospects** in WA acquired through 2013 takeover of Breakaway Resources
- Actively **monetising non-core assets** (listed investments, magnetite, industrial minerals)
- Core geology team responsible for **Prominent Hill discovery** is still with Minotaur
- Clean capital structure** (no debt, limited options, only 152m shares on issue) with **high profile share register** and **supportive JV partners**

### Financial Information

Number of shares	152.2m
Share price (04-Jul-14)	A\$0.10
<b>Market capitalisation</b>	<b>A\$15.2m</b>
Cash (31-May-14)	A\$5.0m
Enterprise value	A\$10.2m

Note: 12.5m unlisted options (exercise prices A\$0.21-0.55)

### Relative Share Price Performance



### Major Shareholders

Norilsk Nickel	7.1%
OZ Minerals	5.3%
Newmont Capital	3.5%
GFR	2.8%
Other major shareholders:	5.8%
▪ FMR Investments	
▪ Sandfire Resources	
▪ Locantro Capital	

Directors 3.2%

### JV Partners

<b>JOGMEC</b> Japan Oil, Gas and Metals National Corp (Japanese government entity)
<b>Mitsubishi</b> Mitsubishi Materials Corp & Mitsubishi Corp
<b>Sumitomo Metals Mining Oceania</b> Major global metals player
<b>Sandfire Resources</b> Major Australian copper-gold producer
<b>GFR</b> Cornerstone private investor and alliance partner



# Board and management

## Deep technical expertise and extensive corporate experience

### Name & Position

### Biography

#### Derek Carter

Non-Executive Chairman  
*BSc, MSc, FAusIMM (CP)*

- Geologist with 40+ years in corporate management, exploration and mining
- Held senior positions at Shell and Burmine before **founding Minotaur Gold**
- **Chairman of Highfield Resources**, Non-Executive Director of Blackthorn Resources and Mithril Resources
- Member of the South Australian Government's RIDB and SAMPEG advisory committees

#### Andrew Woskett

Managing Director  
*BCivEng, MCommLaw, FAusIMM*

- 30+ years project and corporate experience in mining industry
- **Led major development projects** including the Kalgoorlie Super Pit, Kanowna Belle, Marymia gold mines, expansions of the Bougainville copper-gold mine, iron ore mine expansions and new project feasibility studies
- **Former Managing Director of Ballarat Goldfields** and founding Managing Director of AIM-listed **Spitfire Oil**

#### Dr Tony Belperio

Executive Director  
*BSc (Hons), PhD FAusIMM*

- Geologist with 35+ years experience in university, government and **minerals exploration**
- Awarded (jointly with Derek Carter) AMEC's Prospector of the Year Award in 2003 for his role in iron oxide copper-gold **discovery of Prominent Hill**
- Non-Executive Director of Thomson Resources

#### John Atkins

Non-Executive Director  
*LL.B, LL.M, FAICD*

- 25+ years commercial law and corporate experience
- Chairman of Lotterywest, **former Chairman of Breakaway Resources**, Non-Executive Director of BWP Trust and Australian Finance Group

#### Richard Bonython

Non-Executive Director  
*BAGSc*

- 45+ years experience in the building, rural and mineral industries
- Non-Executive Director of Mithril Resources and former Chairman of Hindmarsh Resources and Diamin Resources

#### Donald Stephens

Company Secretary  
*BAcc, FCA*

- Chartered Accountant with 25+ years in minerals and industrials sectors
- Non-Executive Director of Reproductive Health Sciences, Mithril Resources, Petrathern, Papyrus Australia and Lawson Gold

**supported by an experienced team of 7 geologists, 2 geophysicists and 3 corporate staff**





# Geographic focus is Australia

## Clear focus on copper-gold assets in QLD and nickel prospects in WA

### SECONDARY FOCUS Nickel-Gold (WA)

**Leinster:** multiple targets located in database to be pursued

**Scotia:** known deposits to be drilled to define JORC resources

**Kambalda West:** high tenor nickel deposits under historic mines

### PRIMARY FOCUS Copper-Gold (QLD)

**Cloncurry JV:** continues on IOCG targets

**Eloise JV:** inaugural diamond drilling underway



### NON-CORE ASSETS

All iron ore and industrial minerals projects are actively being prepared for divestment

**Mutooroo Iron**

**Poochera Kaolin**

**Lake Purdilla Gypsum**

### OTHER ASSETS

SA Copper-Gold

SA Base Metals

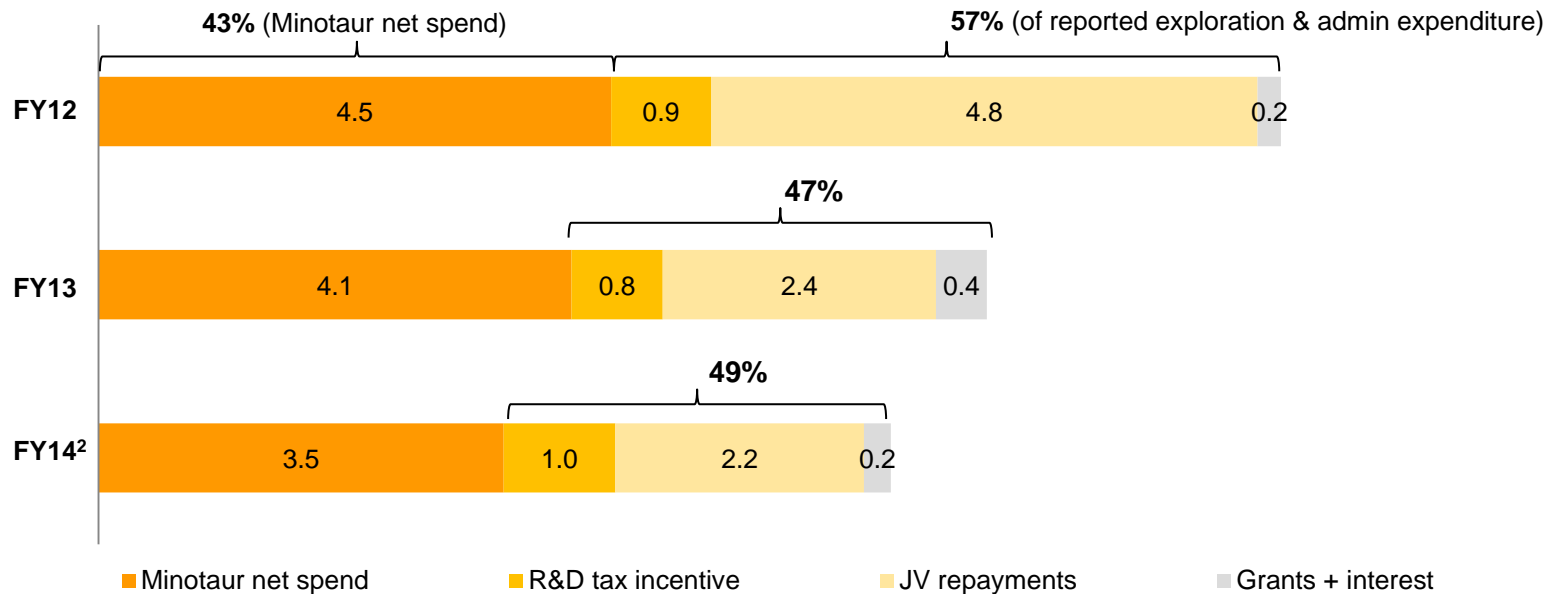
VIC Copper-Gold

# Innovative funding model

## Minotaur recovers approximately 50% of its annual operating expenses through joint venture arrangements

- Strategic alliances with high profile international partners expand Minotaur's project capacity and help minimise cash drain

Minotaur annual exploration & admin costs by funding source (A\$m)



Notes:

1. Chart totals correspond to quarterly exploration + administration expenditure by Minotaur upfront

2. FY14 figures include 3 quarters to 31 March 2014

Source: Appendix 5B's

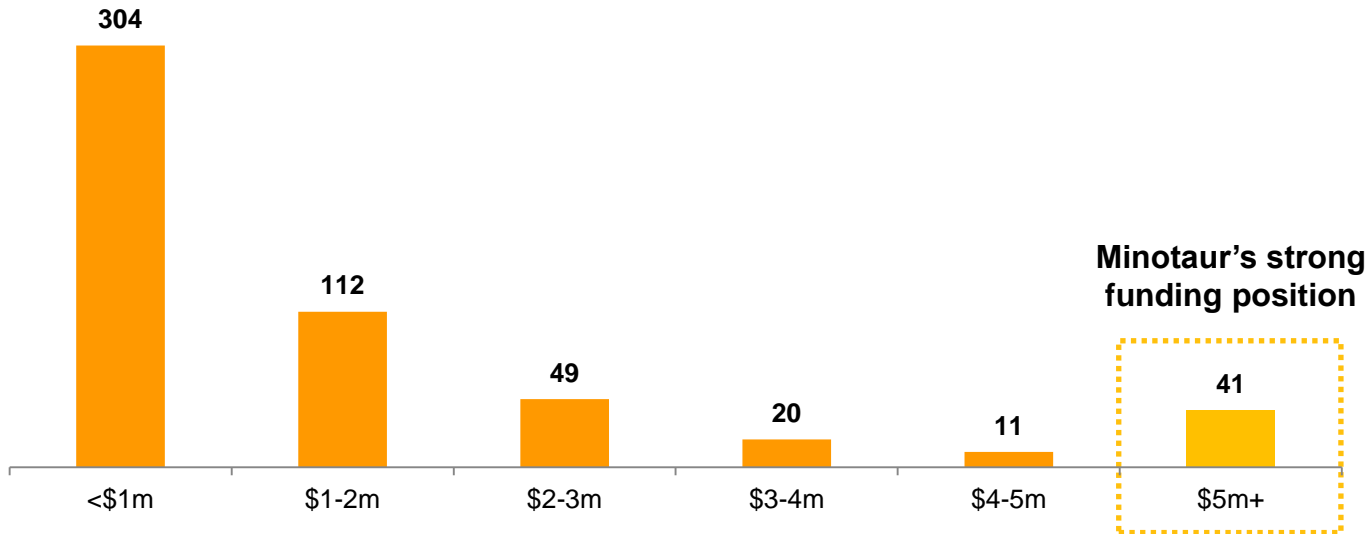


# Strong balance sheet

## Minotaur's **innovative funding model** minimises shareholder dilution

- Most junior miners are cash-strapped with no revenue:
  - At 16 June 2014, there were 537 ASX-listed metals & mining companies with market capitalisation less than A\$25m
  - 465 had less than A\$3.0m in cash at 31 March 2014
- Minotaur has a strong history of responsible capital management**

Number of junior miners by cash balance at 31 March 2014



Source: IRESS, company filings





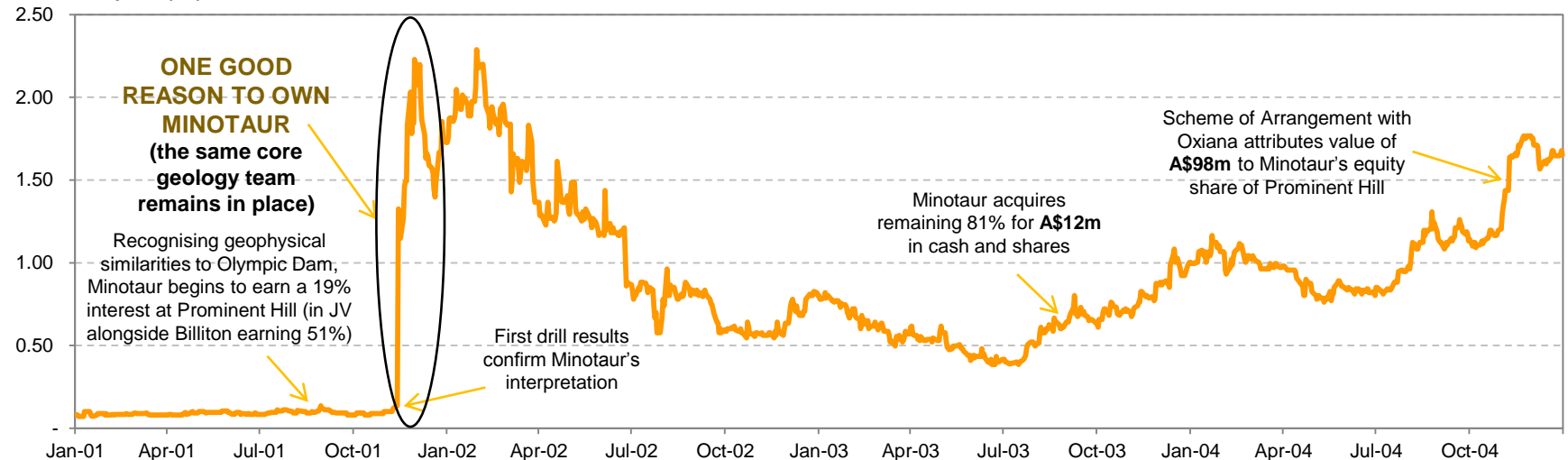
# Minotaur's role in Prominent Hill discovery

**“The Prominent Hill copper-gold deposit, discovered in 2001 by Adelaide based Minotaur Exploration, was a stand-out greenfield discovery in Australia”**

**– OZ Minerals, owner and operator of Prominent Hill copper-gold mine**

- Prominent Hill region was identified as an IOCG province in the late 1980s, but it wasn't until 2001 that Minotaur Resources (ASX: MNR) intersected economic mineralisation
- By 2004 the scope of the project was becoming clear and Oxiana (now OZ Minerals) acquired the Prominent Hill deposit, while MNR's remaining assets were spun off into Minotaur Exploration (ASX: MEP)
- Shareholders received 1.85 Oxiana shares and 1 MEP share for each share held in MNR before the Prominent Hill transaction, equivalent to **A\$2.29 per share (2,190% higher than MNR's share price pre-discovery)**

MNR share price (A\$)



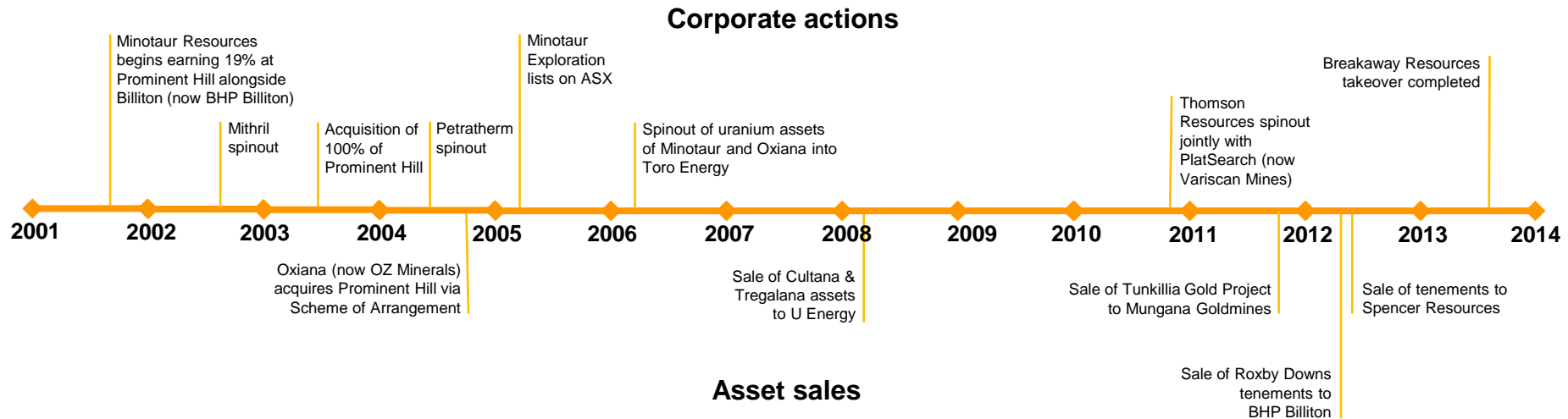
Source: IRESS, company filings



# Asset realisations continue

## Minotaur's corporate strategy provides shareholders with value-accretive transactions and a pipeline of investment opportunities

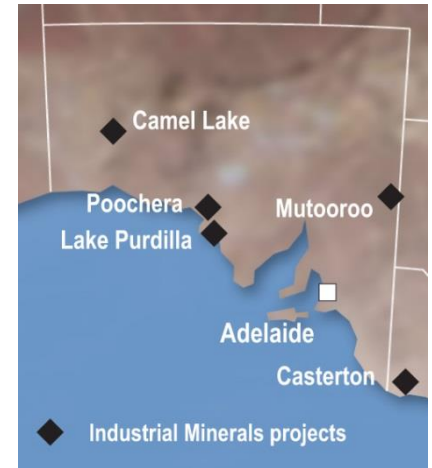
- Prominent Hill transaction allowed shareholders to **retain upside exposure** through their Oxiana shares as well as the opportunity to benefit from **future discoveries** by Minotaur
- In 2014, the **same core geology team** responsible for the discovery of Prominent Hill is still guiding Minotaur
- Minotaur has a **strong track record** of acquisitions, joint ventures, asset sales and asset allocation into new floats
- Minotaur is actively negotiating solutions that can **monetise its valuable non-core assets**



# Valuable non-core assets

## Minotaur is actively seeking solutions to monetise its valuable non-core assets

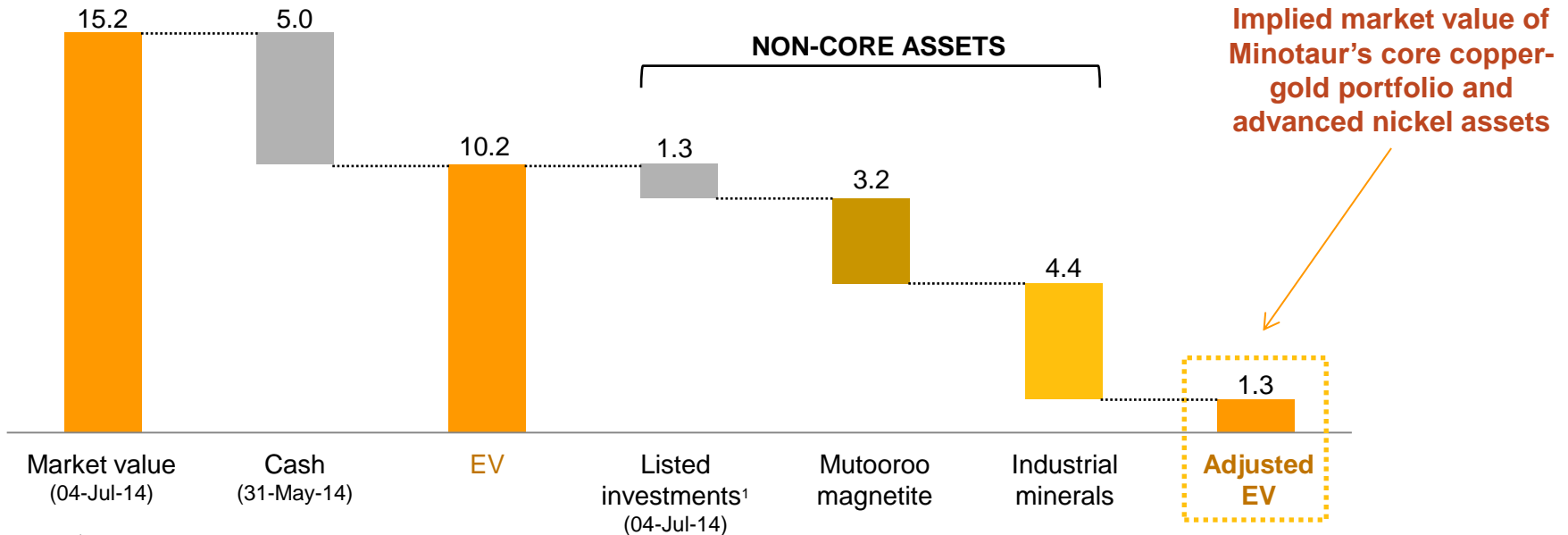
- **Mutooroo magnetite** (A\$3.2m book value)
  - JV with Sumitomo (MEP 42%), where project expenditure to date totals A\$5.9m
  - A beneficiation plant could yield 300Mt of high quality concentrate with 70% Fe
  - For resource details, please refer to ASX release dated 24 November 2011, entitled “Maiden JORC Resource for Mutooroo”
  - For exploration target details, please refer to ASX release dated 20 February 2012, entitled “Exploration Target Upgraded for Mutooroo Magnetite Project”
- **Industrial minerals** (A\$4.4m book value)
  - **Poochera kaolin** (MEP 100%)
    - World class, high purity, kaolin district
    - Commercial grade product range produced through extensive Pilot Plant test work and independent verification
    - Potential production scenario within 18 months of an off-take agreement being in place
    - Various kaolin operators and ceramics manufacturers currently assessing investment opportunity
  - **Lake Purdilla gypsum** (MEP 100%)
    - A large, high quality gypsum deposit nearby to Poochera kaolin deposits
    - Suitable for quality plasterboard manufacture, cement making and export markets
    - Export infrastructure synergies achievable with co-development of Carey’s Well kaolin



# Minotaur is significantly undervalued

## Negligible value currently ascribed to Minotaur's core assets

- Minotaur's EV at the current A\$0.10 share price is A\$10.2m
- If you subtract the mark to market valuation of the listed investment portfolio and accept the book value of Minotaur's two main non-core assets, the **valuation of Minotaur's core copper-gold and nickel assets is only A\$1.3m**
- Minotaur's **track record of realising book values** (or above) for **non-core assets** is instructive (sale of Roxby Downs tenements to BHP Billiton realised A\$9.5m compared to A\$1.0m book value)



All figures: A\$m

Note:

1. Includes shares held in Mungana Goldmines, Variscan Mines, Petrathern, Thomson Resources and Mithril Resources

Source: IRESS





# Core assets: copper-gold portfolio

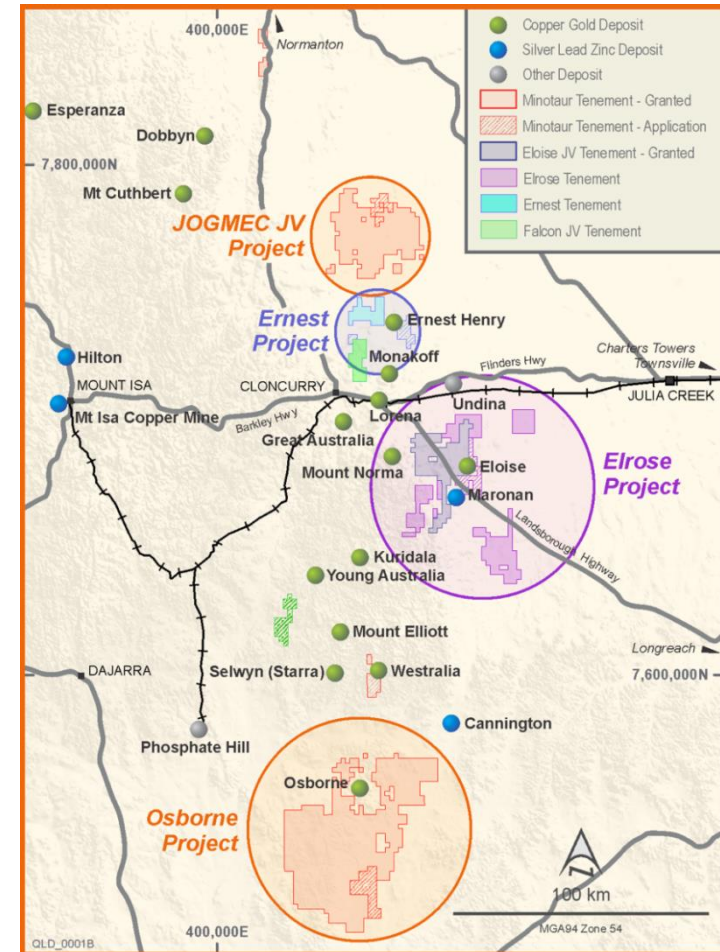
## MEP's primary focus is its strategic Cu-Au ground position around Cloncurry

### Minotaur recognised Cloncurry region as an emerging IOCG province

- **Extensive land position strategically acquired** over several years – around known **Cu-Au mining centres**:
  - Ernest Henry (adjacent to Ernest Project)
  - Eloise (adjacent to Elrose Project)
  - Osborne (adjacent to Osborne Project)
- **In-house technical expertise** has been successfully applied to geophysical target identification under deep and conductive cover, revealing multiple, potentially mineralised anomalies
- Investigatory drilling proves Minotaur's geophysical technique to be a valid discovery tool

### Eloise Copper Joint Venture

- JV partner spending A\$6m over 4 years to earn 50%
- Minotaur is Operator/Manager
- Tenements highly prospective for Eloise style high-grade Cu-Au deposits
- 11 high priority EM-generated conductive plates modelled and selected for first-pass drill investigation; many others recognised for future assessment
- 8 drill sites cleared for initial ground disturbing activity
- First-pass drill campaign underway and will conclude mid July
- **Initial exploration results due by end July**

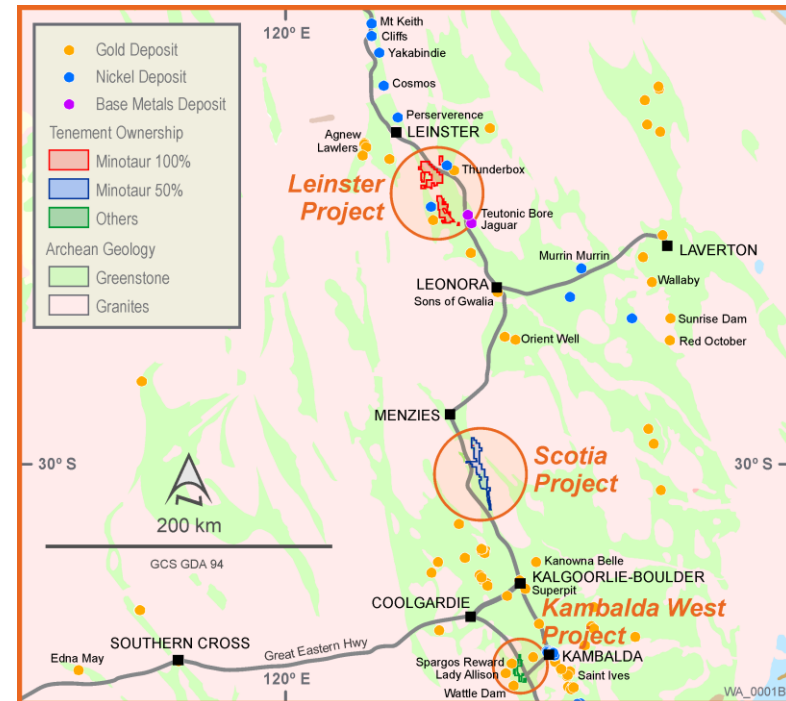




# Core assets: nickel sulphide portfolio

## Advanced nickel sulphide prospects on proven, fertile ultramafic belts

- **Leinster JV** (MEP 85%)
  - Multiple nickel targets identified from a massive historic exploration database acquired through Breakaway Resources
    - ❑ Large tenement package ideally located over mineralised ultramafic units
    - ❑ On strike from historic mines and Tier 1 nickel projects
    - ❑ Estimate replication of database alone would require over 10 years of intensive exploration and **cost in excess of A\$30m**
    - ❑ Ground along the Nickel belt is tightly held and rarely available
- **Scotia** (MinAuSol of which MEP 50%)
  - Small historic nickel sulphide resource established at St Patricks
  - Multiple drill holes into adjacent St Andrews deposit represent an **advanced stage** prospect with walk-up drill positions established
  - Modern ground EM to cover both targets and refine geometry of drill intersected ultramafic units will be **underway in August**
- **Kambalda West**
  - Minotaur holds nickel rights over certain tenements owned by Mithril Resources (9) and Tychean Resources (10)
    - ❑ Minotaur is currently sampling RC intervals to assay for possible nickel sulphide mineralisation
    - ❑ **Assay results anticipated late July**



## Minotaur expects substantial news flow over the coming months

- **Active drilling at Eloise**
  - Targets identified by aerial and ground EM surveys in 2014 represent significant copper-gold discovery potential
  - Inaugural drilling campaign underway from 10 June 2014, initially testing 8 targets at 50-150m depth; completion in July
  - Additional targets will be accessed as Native Title heritage clearances are gained
- **Exploration results from advanced nickel portfolio in WA**
  - Historic nickel database reveals multiple nickel sulphide targets and drill defined mineralisation, all of which have received little or nil follow up
  - Modern EM to be applied to Saints deposits to extend boundaries of known mineralisation and test for new conductors
  - Nickel assay results from West Kambalda expected shortly
- **Sale of non-core assets**
  - Magnetite, gypsum and kaolin projects being prepared for sale
- **Listed investment developments**
  - Minotaur's listed investment portfolio provides discovery upside and monetisation potential on liquidity events
- **New opportunities**
  - Minotaur is actively reviewing major Australian copper-gold acquisition opportunities with its alliance partners
  - Advanced stage to ready-to-mine and/or in-production opportunities being targeted



# A compelling investment case

## Minotaur is a standout junior miner on the ASX

- **Enviably record of exploration success** – core geology team responsible for Prominent Hill discovery is still with Minotaur
- Significant exploration potential given **focus and quality of core assets**
- **Innovative funding model** underpinned by strategic JV alliances
- History of responsible capital management with **strong balance sheet** and **clean capital structure**
- **High profile share register** and **supportive JV partners**
- **Clear asymmetric payoff profile** given implied value currently ascribed to Minotaur's strategic copper-gold portfolio and advanced nickel assets is only A\$1.3m
- Actively monetising non-core assets to realise **additional value for shareholders**
- **Substantial news flow** over the coming months



# Disclaimer

## Disclaimer

This presentation has been prepared by the management of Minotaur Exploration Limited (“Minotaur”, ASX: MEP) for the general benefit of analysts, brokers and investors and does not constitute specific advice to any particular party or persons. Information herein is based on publicly available information, internally developed data and other sources. Where an opinion, projection or forward looking statement is expressed in this presentation, it is based on the assumptions and limitations mentioned herein and is an expression of present opinion only. No warranties or representations are made or implied as to origin, validity, accuracy, completeness, currency or reliability of the information. Minotaur specifically disclaims and excludes all liability (to the extent permitted by law) for losses, claims, damages, demands, costs and expenses of whatever nature arising in any way out of or in connection with the information, its accuracy, completeness or by reason of reliance by any person on any of it. Where Minotaur expresses or implies an expectation or belief as to the success of future exploration and the economic viability of future project evaluations, such expectation or belief is expressed in good faith and is believed to have a reasonable basis. However, such projected outcomes are subject to risks, uncertainties and other factors which could cause actual results to differ materially from projected future results. Such risks include, but are not limited to, exploration success, metal price volatility, changes to current mineral resource estimates or targets, changes to assumptions for capital and operating costs as well as political and operational risks and government regulatory outcomes. MEP disclaims any obligation to advise any person if it becomes aware of any inaccuracy in or omission from any forecast or to update such forecast.

## Competent Person’s Statement

Information in this presentation that relates to exploration results for Minotaur Exploration Ltd is based on information compiled by Mr Ian Garsed, who is a full-time employee of the Company and a Member of the Australian Institute of Geoscientists (AIG). Mr Garsed has sufficient experience relevant to the style of mineralisation and type of deposits under consideration and to the activity that he has 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” (JORC Code). Mr Garsed consents to inclusion of this information in the form and context in which it appears.

