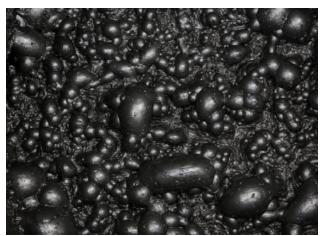


### **CORPORATE PRESENTATION**

**Macquarie Australia Conference** 

5 MAY 2016









### **DISCLAIMER AND FORWARD LOOKING STATEMENTS**

This presentation is being furnished to you solely for your information and for your use and may not be copied, reproduced or redistributed to any other person in any manner. You agree to keep the contents of this presentation and these materials confidential. The information contained in this presentation does not constitute or form any part of any offer or invitation to purchase any securities and neither the issue of the information nor anything contained herein shall form the basis of, or be relied upon in connection with, any contract or commitment on the part of any person to proceed with any transaction.

The distribution of this presentation in jurisdictions outside Australia may be restricted by law, and persons into whose possession this presentation comes should inform themselves about, and observe, any such restrictions. This is not for distribution or dissemination in the U.S.

The information contained in this presentation has been prepared by Western Areas Ltd. No representation or warranty, express or implied, is or will be made in or in relation to, and no responsibility or liability is or will be accepted by Western Areas Ltd, employees or representatives as to the accuracy or completeness of this information or any other written or oral information made available to any interested party or its advisers and any liability therefore is hereby expressly disclaimed. No party has any obligation to notify opinion changes or if it becomes aware of any inaccuracy in or omission from this presentation. All opinions and projections expressed in this presentation are given as of this date and are subject to change without notice.

This document contains forward-looking statements including nickel production targets and cost estimates. These statements are based on assumptions and contingencies that are subject to change without notice, and certain risks and uncertainties that could cause the performance or achievements of Western Areas Ltd to differ materially from the information set forth herein. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production and expected costs. Western Areas Ltd undertakes no obligation to revise these forward-looking statements to reflect subsequent events or circumstances. Individuals should not place undue reliance on forward-looking statements and are advised to make their own independent analysis and determination with respect to the forecasted periods, which reflect Western Areas Ltd's view only as of the date hereof.

The information within this PowerPoint presentation was compiled by Western Areas management, but the information as it relates to mineral resources and reserves was prepared by Mr. Dan Lougher and Mr. Andre Wulfse. Mr. Lougher and Mr. Wulfse are full time employees of Western Areas Ltd. Mr. Lougher and Mr. Wulfse are members of Australian Institute of Mining and Metallurgy (AusIMM) and have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (2012 JORC Code). Mr. Lougher and Mr. Wulfse consent to the inclusion in this presentation of the matters based on the information in the form and context in which it appears. The information contained in this presentation in relation to the New Morning Deposit was prepared and first disclosed under the 2004 Edition of the JORC Code. It has not been updated since to comply with the 2012 JORC Code on the basis that the information has not materially changed since it was last reported.

For the Purposes of Clause 3.4(e) in Canadian instrument 43-101, the Company warrants that Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability.





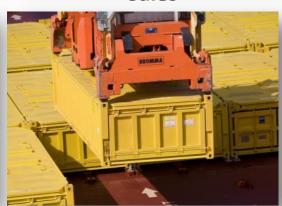
Mine



Explore







ASX:WSA



# **CORPORATE**





### **CORPORATE OVERVIEW**

### High quality assets

- Highest grade, low cash cost nickel producer
- Operational cashflow positive at current prices

#### No debt, consistent shareholder returns

- Recent \$60m equity raise heavily oversubscribed
- Flexibility with A\$50m ANZ facility

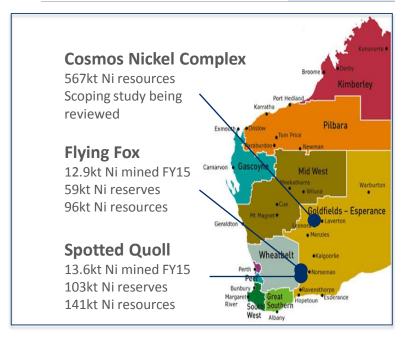
#### Organic growth options

- Strong near-mine and regional exploration
- Acquired Cosmos

### Positioned for nickel recovery

- A\$1/lb lift in nickel price = circa A\$35m EBITDA
- Portfolio delivers optionality

ASX code	WSA
Share price	2.54
Shares outstanding (m)	263.4
Market Cap (A\$m) 1	669.0
Cash (A\$m) <sup>2</sup>	42.5



# A leading mid-tier base metal producer

- 1. Based on share price of on 26 April 2016
- 2. Cash as at 31 March 2016



### **WESTERN AREAS ARE SAFE AREAS**





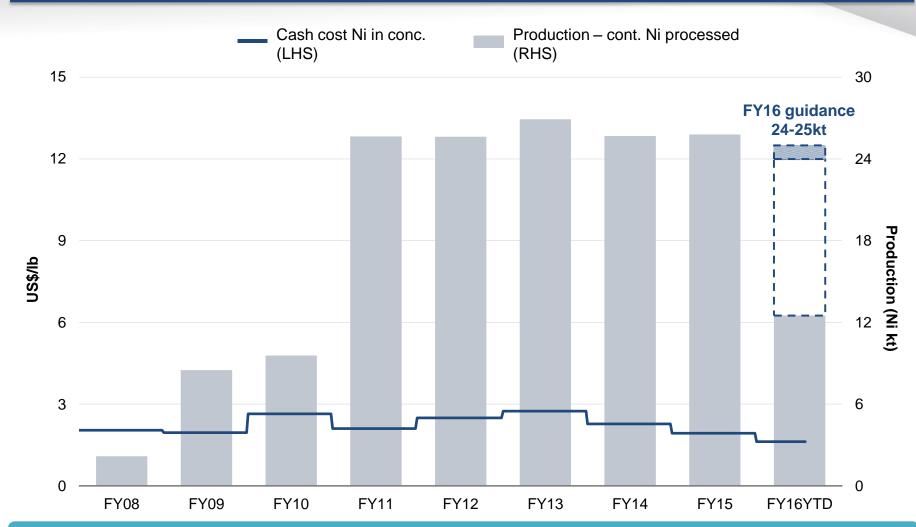




Safe operations make efficient operations



### **CONSISTENT LOW COST OPERATIONS**



WSA cost position provides ability to weather cyclical low nickel prices



### **ORGANIC GROWTH PROFILE**

#### Large holding in 2 significantly endowed nickel provinces

#### Cosmos Nickel Complex / Odysseus – Western Australia

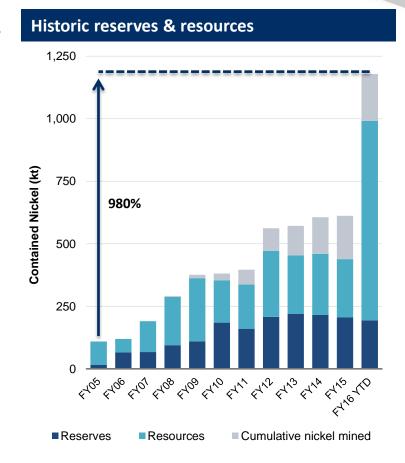
- Existing resources and infrastructure (previous Glencore/ Xstrata/Jubilee Mines operation)
- Option to develop a new West Australian integrated Nickel operation

#### Forrestania Operations – Western Australia

- New Morning project Near mine leveraging existing infrastructure with studies underway
- History of reserve/resource extension
- Mill Recovery Enhancement Project lift metallurgical recoveries by 3-5%

#### Western Gawler - South Australia

- First mover advantage
- Intrusive style and geologically similar to Nova



## WSA has a track-record of discovery and development



### MANAGING THROUGH THE CYCLE

# Reducing cost structure

#### Cash cost reduction of \$0.19/lb in FY15 and more in 1HFY16

- Expertise in waste dilution and maximising grade and tonnage versus reserve
- Maximising plant and equipment productivity
- Absolute cost out with contractors, suppliers and at the corporate level

# Prudent capital management

#### Deferral of \$34m of capital costs from FY16 to FY17

- Deferred the Mill Enhancement Project by 6 months, but long lead items ordered
- Exploration spend reduced, but still robust. Focus on Cosmos and Western Gawler
- Retain a strong balance sheet to provide flexibility

# Opportunistic approach

#### **Build portfolio**

 Add quality projects that suffer through a lack of funding and/or play to our core strengths

#### Maintain valuation discipline

Be patient in assessing opportunities. Do not succumb to the fear of "missing out"

### The cost structure and capabilities to prosper throughout the cycle



### **FY16 GUIDANCE**

FY16 Guidance	Updated Guidance
Mine Production (Nickel in Ore - tonnes)	25,000 to 27,000
Nickel in Concentrate Production (tonnes)	24,000 to 25,000
Unit Cash Cost of Production (In Concentrate)	A\$2.25/lb to A\$2.45/lb
Sustaining Capex	A\$34.0m
Forrestania and Regional Exploration	A\$11.0m
Mill Enhancement	A\$7.4m
Cosmos Exploration and Study Work	A\$4.0m

#### **Comments**

- Unit cost guidance range has been improved by A\$0.05/lb due to strong 1st half performance
- All other guidance metrics remain as reported in October 2015

### All FY16 Guidance metrics on track or better



## **MARCH 2016 QUARTERLY REPORT**

		2014/2015	:	2015/2016		YTD
Tonnes Mined		Jun Qtr	Sep Qtr	Dec Qtr	Mar Qtr	Total
Flying Fox						
Ore Tonnes Mined	Tns	62,976	67,400	76,163	62,017	205,580
Grade	Ni %	4.9%	4.7%	4.2%	4.6%	4.5%
Ni Tonnes Mined	Tns	3,076	3,155	3,183	2,876	9,214
Spotted Quoll - Underground						
Ore Tonnes Mined	Tns	68,569	80,702	81,318	82,711	244,731
Grade	Ni %	5.1%	4.8%	4.6%	4.7%	4.7%
Ni Tonnes Mined	Tns	3,489	3,905	3,734	3,922	11,561
Total - Ore Tonnes Mined	Tns	131,545	148,102	157,481	144,728	450,311
Grade	Ni %	5.0%	4.8%	4.4%	4.7%	4.6%
Total Ni Tonnes Mined	Tns	6,565	7,060	6,917	6,798	20,775
		2014/2015	:	2015/2016		YTD
Tonnes Milled and Sold		Jun Qtr	Sep Qtr	Dec Qtr	Mar Qtr	Total
Ore Processed	Tns	157,913	153,540	152,435	156,190	462,165
Grade	%	4.7%	4.6%	4.6%	4.4%	4.5%
Ave. Recovery	%	89%	89%	89%	90%	90%
Ni Tonnes in Concentrate	Tns	6,676	6,252	6,256	6,180	18,688
Total Nickel Sold	Tns	6,690	6,233	6,281	6,003	18,517
		2014/2015 2015/2016				
Financial Statistics		Jun Qtr	Sep Qtr	Dec Qtr	Mar Qtr	YTD
Group Production Cost/lb						
Mining Cost	A\$/lb	1.62	1.58	1.63	1.66	1.62
Haulage	A\$/lb	0.05	0.06	0.05	0.05	0.05
Milling	A\$/lb	0.40	0.45	0.41	0.41	0.43
Admin	A\$/lb	0.14	0.19	0.17	0.17	0.18
By Product Credits	A\$/lb	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Cash Cost Ni in Con	A\$/lb	2.19	2.26	2.24	2.27	2.26
Cash Cost Ni in Con/lb	US\$/lb	1.71	1.64	1.61	1.64	1.63
Exchange Rate US\$ / A\$		0.78	0.73	0.72	0.72	0.72

#### **Some Facts**

- ALL FY16 GUIDANCE METRICS ON TRACK OR BETTER
- LTIFR ZERO
- Record Spotted Quoll ore tonnes
- Unit cash cost of production at A\$2.27/lb (US\$1.63/lb) of nickel contained in concentrate
- Record mill throughput during March
- Exceptional consistency and 5 years without a guidance miss

A management team which consistently delivers guidance



### **INVESTMENT HIGHLIGHTS**

- ✓ One of the highest grade mines and lowest unit cash cost nickel concentrate producers
- ✓ A history of discovery and development
- ✓ A proven operator led by an experienced management team
- ✓ Operating cash flow positive, despite the current cyclically low nickel prices
- ✓ Guidance consistently met or exceeded
- ✓ Net cash with significant balance sheet flexibility and strength following the equity raising
- ✓ Strong safety track record with zero Lost Time Injuries in the past 12 months
- ✓ An S&P/ASX 200 index member
- ✓ Strategic owner of sought after nickel in concentrate
- ✓ Committed to stable organic growth with a pipeline of growth opportunities including the recently acquired Cosmos Nickel Complex
- ✓ Well positioned to benefit from an improvement in nickel price sentiment and outlook
- ✓ A good time to be exploring with significantly lower costs, whilst having the ability to asses small scale opportunities

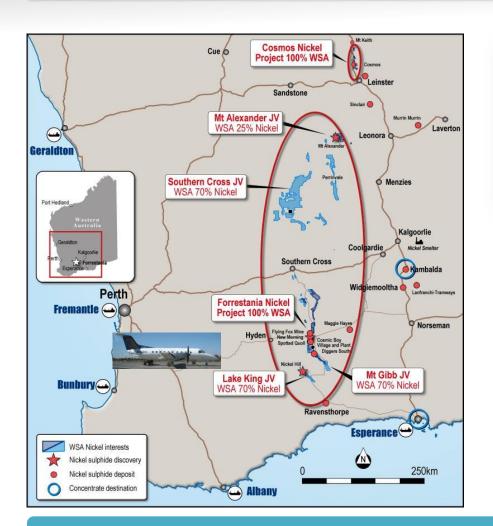


# **OPERATIONS**



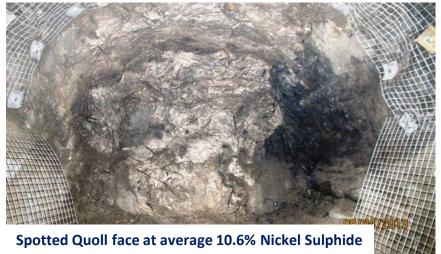


# LOCATION, LOCATION, LOCATION.....





Lounge Lizard 10m wide face of 7% Massive Nickel Sulphide



Premier and stable mining district with high quality mines and organic growth options

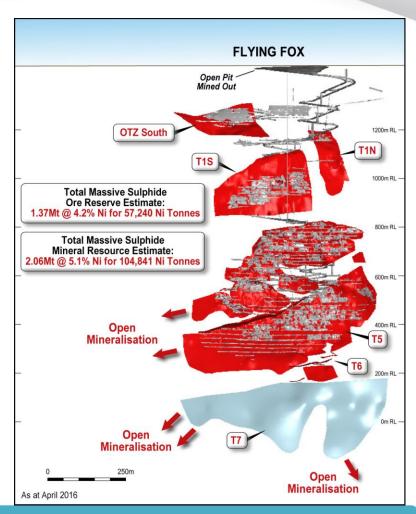


### **FLYING FOX MINE**

Reserve	1.4Mt @ 4.2%
Contained nickel	<b>57,240</b> Ni tonnes
Resource	2.1Mt @ 5.1%
Contained nickel	104,841 Ni tonnes
Mine life	+5 years

#### **Key points**

- Reserve life has a demonstrated history of replenishment
- Added OTZ South Massive Zone 182,898t @ 4.1%
   Ni for 7,417 nickel tonnes
- Recent drilling into T5 and T6 domain has been encouraging, including 6.3m @ 8.0% Ni
- Has been operating for over 9 years



### WSA's foundation asset within Forrestania

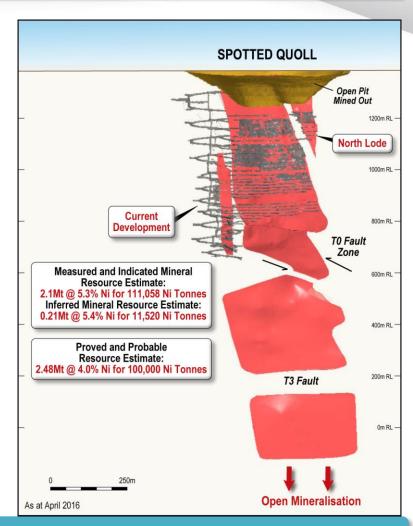


# **SPOTTED QUOLL MINE**

Reserve	2.6Mt @ 4.0%
Contained nickel	100,000 Ni tonnes
Resource	2.3Mt @ 5.3%
Contained nickel	<b>122,578 Ni tonnes</b>
Mine life	+9 years

#### **Key points**

- Discovered by WSA in 2007, 6km south of Flying Fox
- Remains open at depth and to the North
- Production has outperformed reserve tonnes and grade consistently
- Top down mining with paste fill
- Has never recorded an LTI.



WSA Explored, Discovered and Developed



### FORRESTANIA NICKEL CONCENTRATOR

#### **Concentrator Summary**

- Current nameplate capacity of 550,000tpa of ore but is <u>achieving</u> throughput 10% above capacity
- Nickel concentrate output circa 25,000tpa Ni
- Concentrate grades of between 14.0% to 15.0% Ni
  - Premium blending product (Fe/Mg ratio >15:1)
  - Desirable to smelters
- 14,000t of concentrate storage capacity

#### **Export Infrastructure and Logistics**

- Well established container logistics chain into China
- Shipping contract in place, FOB Esperance Port
- BHPB Nickel West concentrate delivered to Kambalda







WSA produces a high quality and in demand nickel concentrate



### **INDEPENDENT PRODUCER – OFFTAKE CONTRACTS**

#### **Offtake Contracts**

- FOB Terms
- Very competitive payable percentage of LME

#### Offtake Tender Announced

- Jinchuan currently in the 2nd half of a two year contract (26,000t of contained nickel)
- Tightness in smelter supply being experienced with mine closures
- Global nickel sulphide grades in decline
- Potential growth in roasting market in Asia



Well positioned to take advantage of tight market conditions



# **GROWTH AND EXPLORATION OUTLOOK**





### ... WHILE PRUDENTLY BUILDING THE PLATFORM







Production

Development

**Exploration & Growth** 

**Spotted Quoll** 

**New Morning** 

Western Gawler JV

Flying Fox

**Odysseus PFS** 

Cosmos Nickel Complex

Cosmic Boy Concentrator

Mill Recovery Enhancement Project

**Forrestania** 

A portfolio with production longevity and growth optionality



# **COSMOS ACQUISITION**

#### **Strategic Rationale**

- Low cost entry
- Plays to WSA's core strengths
- Right street address
- WSA approach to exploration will be different
- Potential 2<sup>nd</sup> operation
- Full infrastructure and facilities
- Future potential concentrate blending
- "Ready to go" when nickel prices support development

#### **Purchase Price and Settlement Completed**

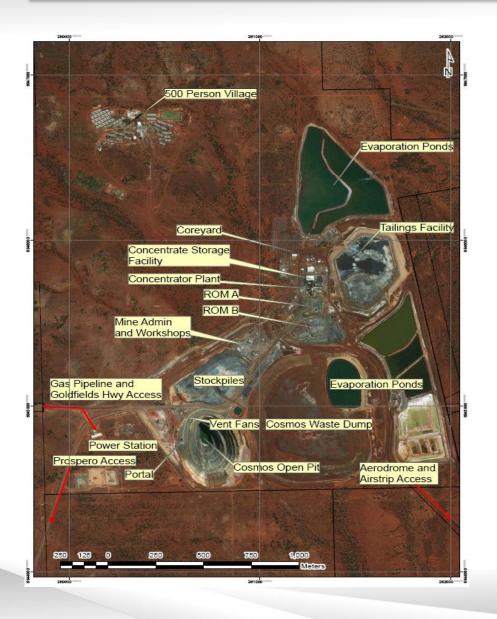
• Paid A\$12.653m in April 2016 as full and final settlement







### **COSMOS AERIAL VIEW**



#### Significant infrastructure in place:

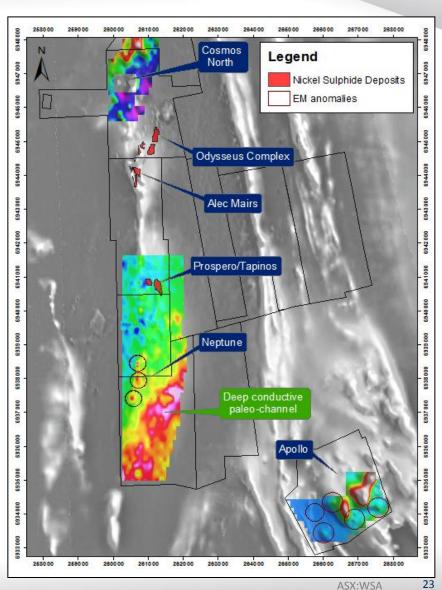
- 450ktpa mill with expansion options
- Tailings storage and evaporation ponds
- Concentrate storage
- Coreyard facilities
- Gas connection
- Mill and mining spares inventory
- Approximately 500 person accommodation village
- Recreational facilities
- Aerodrome
- Administration and workshop buildings
- Telecommunications



### **COSMOS EXPLORATION**

#### **Tenements covering 88km2**

- Near to BHP Leinster nickel operations
- Previous highest grade open pit nickel mine globally
- 17km long ultramafic sequence
- Dominated by high MgO ultramafic rocks
- Similar to Forrestania, higher than Leinster
- Mining grades around 5% Nickel
- Ground geophysics program completed using latest EM technology
  - Multiple targets generated
  - Work programs being designed
  - Venus heritage discussions progressing well
- Review of Xstrata drill data base reveals intersections requiring follow-up work
  - Prospero 4.2m @ 12.5% Ni (incl 2.4m @ 19.7% Ni)
  - Aries 4.5m @ 12.3% Ni and 3.3m @ 10.6% Ni





### **ODYSSEUS PRE-FEASIBILITY STUDY**

# Significant undeveloped resource containing massive sulphides, matrix sulphides and high grade disseminated sulphides

#### XNAO conducted an in-house study on the Odysseus group of deposits

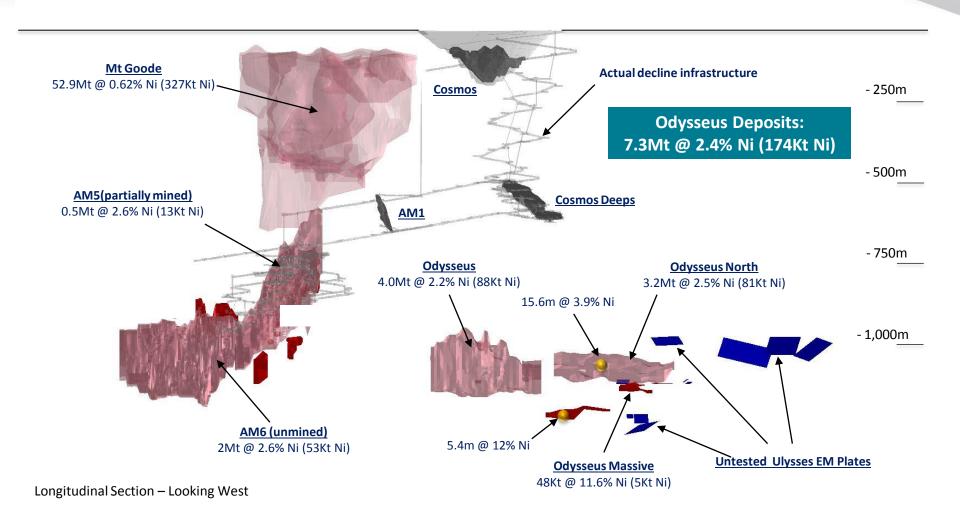
- In house study undertaken by XNAO over 2012/13
- Concentrator expansion from 450ktpa to 750ktpa with 7-8 year mine life generating between 12-14kt of nickel in concentrate per annum considered

#### Western Areas is reviewing the existing XNAO study and has commenced a pre-feasibility study

- Test near mine exploration potential beginning with Ulysses drilling commencing in March quarter
- Review mining method, mining schedule, underground infrastructure and decline dewatering options
- Reduce concentrate grade specification in line with FNO grades to improve nickel recovery
- Review metallurgical testwork and flow sheet to optimise processing plant
- Optimise capital and operating cost assumptions for the current lower cost environment
- Explore contractor versus owner operator alternatives and leverage FNO experience



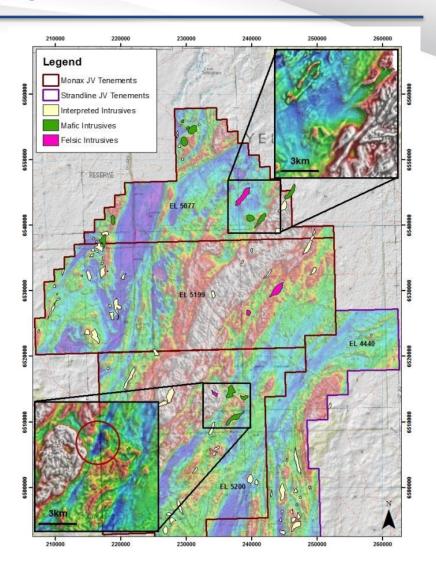
### **ODYSSEUS COMPLEX AND OTHER RESOURCES**





### **WESTERN GAWLER JOINT VENTURES**

- Two separate agreements with Strandline Resources Ltd and Monax Mining Ltd:
  - Monax withdrawn from JV now 100% WSA
  - Strandline farm in agreement WSA 75%
- First mover advantages targeting massive high grade poly-metallic mineralisation
- Potential to host mafic-ultramafic intrusive related deposits
- High resolution airborne geophysics completed (57,477km were flown)
- Numerous features likely to represent large maficular ultramafic intrusions

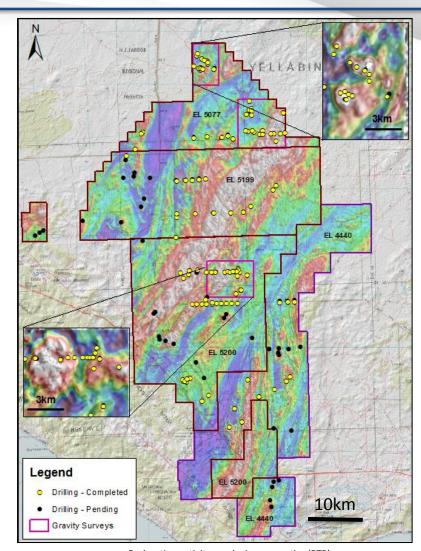




### **EXPLORATION SUMMARY**

#### Broad scale prospectivity for Ni/Cu and Gold

- Ongoing RC drilling with encouraging early results
- Targeting potential mafic/ultramafic intrusions and generating geochemical targets in the broader areas
- 115 AC/RC/DD drill holes completed to date
- Full heritage access approvals nearing completion
- Geochemical review of drilling data highlights gold anomalism, confirms base metal potential
- Petrology confirms the presence of intrusive mafic and ultramafic rocks

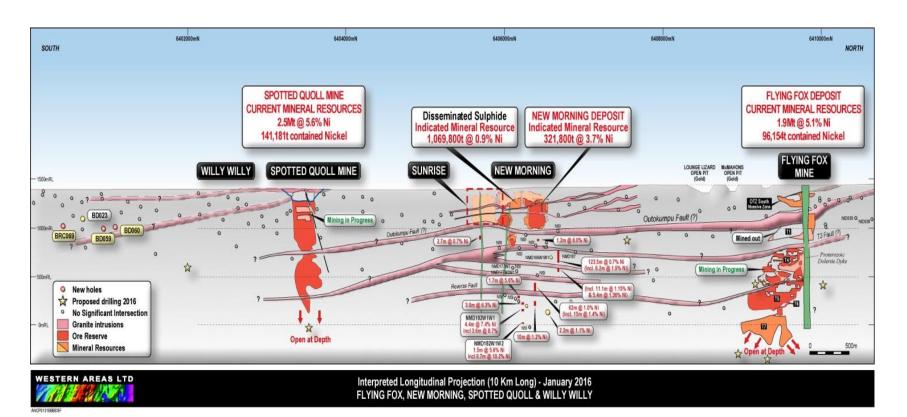


Exploration activity overlaying magnetics (RTP) Insets show residual gravity overlaying magnetics (RTP)



### **FORRESTANIA – NEAR MINE EXPLORATION**

- Exploration spend in FY16 will be approximately A\$10m
- Focus is on near mine opportunities

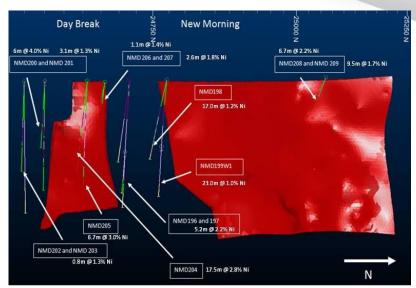


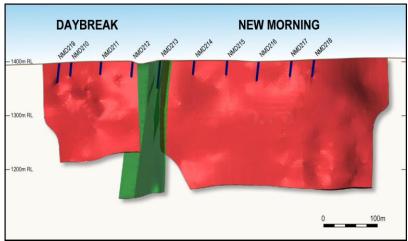
ASX:WSA



### **NEW MORNING**

- 2.5km from Flying Fox and 2.8km from Spotted Quoll
- All material approvals in place, potential major capex savings and accessible from either mine
- Open Pit and shallow underground studies commenced
- Massive sulphide Indicated Resource of 321.8kt
   @ 3.7% nickel
- Significant intersections:
  - 4.4m @ 7.4% nickel including 3.6m @ 8.7% nickel
  - 3.0m @ 6.3% nickel including 2.4m @ 7.6% nickel
  - 1.5m @ 5.6% nickel including 0.7m @ 10.2% nickel
- Recent shallow hit of 54m @ 1.7% nickel from
   38m (including 2.5m @ 5.0% nickel)







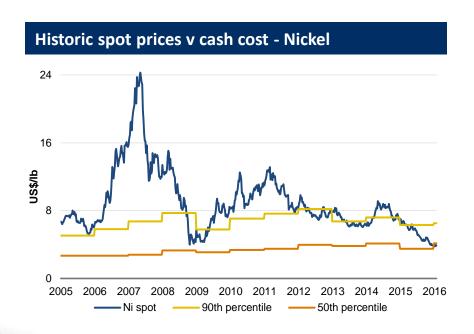
# **NICKEL MARKET**

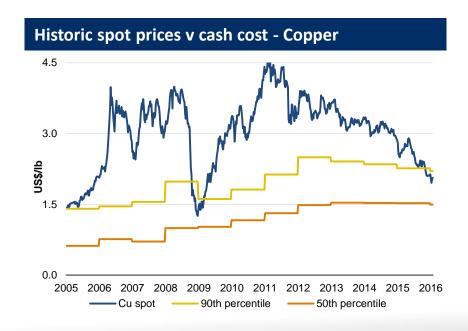




### **NICKEL MARKET SNAPSHOT**

- Historically, on a through the cycle basis, the 90<sup>th</sup> percentile on the cost curve has acted as a catalyst for supply / demand adjustments by the nickel market
- The nickel price is now trading below the 50<sup>th</sup> percentile on the cash cost curve
  - WSA believes >60% of producers losing money, even before sustaining capex
  - WSA is one of the few nickel miners with a positive gross margin







## **NICKEL PRICE DRIVERS**

#### There are a number of factors that influence the nickel price including:

- 1. LME and Chinese nickel inventories
- Cost and capacity of Chinese nickel pig iron ("NPI") production
- 3. Indonesian nickel laterite export ban / Philippine supply response
- 4. Global stainless steel demand
- 5. Introduction of foreign Nickel into the Shanghai Futures Exchange

#### What we believe is occurring:

- High grade Indonesian laterite stockpiles in China have depleted
- Philippine exports have increased, but high grade exports are falling
- NPI producers blending ores, but cost of production has increased currently marginal operations
- LME stockpile has decreased from record highs
- Stainless steel demand on balance remains solid in China, however significant de-stocking over the first half of CY15 has occurred
- Nickel supply closures now occurring, but more required



# **WESTERN AREAS VALUE EQUATION**

- High Grade = Margin
- Lowest Quartile
   Cash Costs

Highest Grade Nickel Globally



 Consistent returns to shareholders in Dividends

Cashflow Positive



 Guidance continually met or exceeded

Strong Track Record of Delivery



 Zero Lost Time Injuries in past 12 months

Safety



Pipeline of growth opportunities

Growth



 Fundamentals and forecasts positioned to rebound

Nickel Price Primed for Upside



 New mine successfully brought on in 24 months

History of Discovery and Development



 No debt with significant financial flexibility

Strong Balance Sheet





# **APPENDIX**





### **EXPERIENCED BOARD AND SENIOR MANAGEMENT TEAM**



lan Macliver
Independent Non-Executive Chairman

Mr Macliver is a Chartered Accountant with many years experience as a senior executive and Director of both resource and industrial companies, with particular responsibility for capital raising and other corporate development initiatives



**Dan Lougher**Managing Director & CEO

Mr Lougher is a qualified Mining Engineer with over 30 years experience in all facets of resource and mining, project exploration, feasibility, development and operational activities in Australia and overseas



David Southam
Executive Director

Mr Southam is a Certified Practicing Accountant with over 20 years experience in accounting, capital markets, banking and finance across the resources and industrial sectors



Joseph Belladonna CFO & Company Secretary

Mr Belladonna has been responsible for the initial set-up and ongoing management of the Group's accounting and information systems, corporate governance, and the risk management program of the Company



Julian Hanna
Non-Executive Director

Mr Hanna is a Geoligist with over 30 years experience in gold and base metal exploration and mine development. Mr Hanna is a foundation director of Western Areas serving as the Managing Director for 12 years



Richard Yeates
Independent, Non-Executive Director

Mr Yeates is a Geologist with more than 30 years mining industry experience in various roles and has significant experience across a wide range of resource projects around the world



Craig Readhead
Independent, Non-Executive Director

Mr Readhead is a Lawyer with over 30 years legal and corporate advisory experience with specialisation in the resources sector, including the implementation of large scale mining projects both in Australia and overseas



**Tim Netscher** Independent, Non-Executive Director

Mr Netscher is a Metallurgist and has significant broad-based experience at senior levels in the international resources industry, in roles spanning marketing, operations management, project management and business development



# **COSMOS INFRASTRUCTURE**



Mill with tailings dam in background



Mill infrastructure



Refuge chambers



Water evaporation fans



# **COSMOS INFRASTRUCTURE**



**Administration infrastructure** 



**Fuel tanks** 



Spare and brand new SAG mill in storage

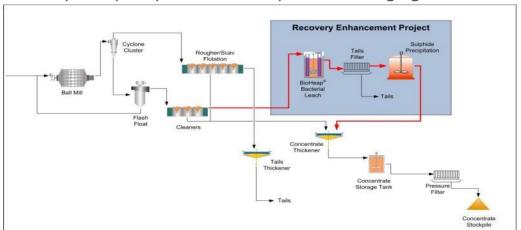


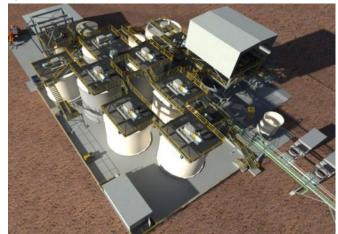
Aerodrome infrastructure



### MILL RECOVERY ENHANCEMENT PROJECT

- Increase average nickel recoveries from 3% to 5% over the life of mine
- A\$22m project with 6 month construction time
  - Project construction has been deferred until July 2016 as part of capex optimisation initiatives
  - Long lead items ordered A\$7.4m
- Unit cash operating cost A\$2.42/lb in concentrate
- The treatment of the Flash Cleaner Stream utilises the BioHeap® cultures
- Very short residence time of 5-7 days
- Sulphide precipitation circuit produces a high grade nickel sulphide product (~50% nickel)





WSA is at the forefront of technological improvements



### **FORRESTANIA TENEMENTS**

#### **Regional Geology**

- 120km strike length (900 sq km) of prospective Forrestania Nickel Project, within 400km long nickel province
- Total endowment of 29.97Mt at 2.28% Ni for 684k Ni tonnes
- Nickel sulphide deposits and most occurrences in two belts (Eastern and Western)
- Western Ultramafic Belt hosts the high grade Flying Fox, Spotted Quoll and New Morning deposits

