

# Western Areas Ltd Macquarie WA Forum - October 2013

# "Think Nickel, think Western Areas"



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The information within this PowerPoint presentation was compiled by Mr. David Southam, but the information as it relates to mineral resources and reserves was prepared by Mr. Dan Lougher and Mr. Andre Wulfse. Mr. Southam, Mr. Lougher and Mr. Wulfse are full time employees of Western Areas Ltd. Mr. Lougher and Mr. Wulfse are members of 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 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Southam, 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.

For 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.

# Agenda



"Western Areas has an enviable track record of exploring, finding, developing and producing profitable mines."



Explore

Develop





**Produce** 

"Think Nickel, think Western Areas"

- Introduction
- Operations
- **Exploration & Growth Outlook**
- **Financials**
- Nickel Industry

# Introduction – Corporate Summary



Listing:	Member of S&P ASX 200	Top 15 Shareholders 1 T Streeter	% 12.16
		2 JCP Partners	8.12
Shares on Issue:	196.8M	3 Colonial Group 4 M & A Greenwell 5 Celeste Funds Management 6 BT Investments	7.01 5.10 4.10
Share Price:	~ A\$2.75 (Oct 2013)	7 Concise Asset Management 8 Antares 9 Giovanni Santalucia	3.35 3.28 2.57 2.54
Market Cap: (undiluted)	~ A\$550 million	10 Bennelong 11 Tribeca 12 Kinetic Investment Partners 13 Highclere	2.18 2.18 1.85 1.71
Cash: A\$85M at 30 Sept 2013		14 Mount Kellet 15 AMP TOTAL	1.56 1.51 59.22





"Think Nickel, think Western Areas"

# The Company

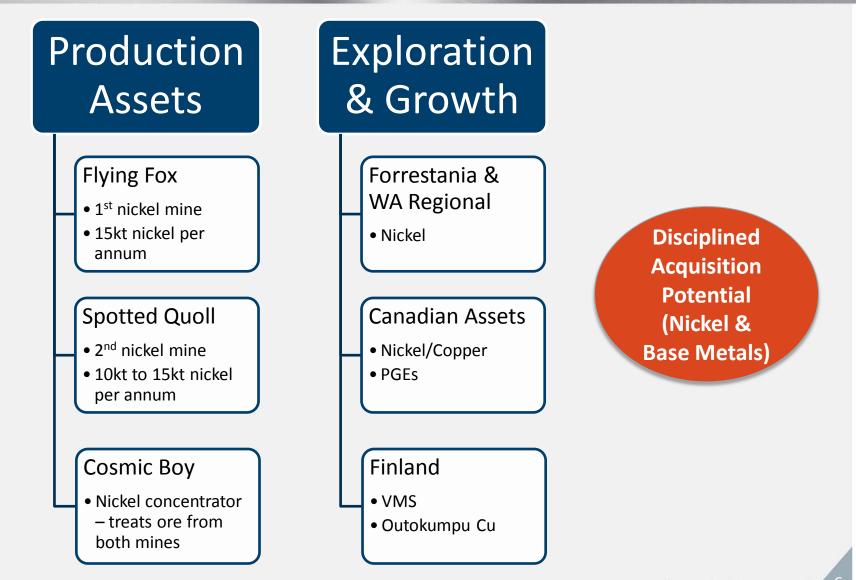


#### Western Areas is:

- Australia's lowest cash cost nickel producer
- A proven explorer, developer and operator led by an experienced management team
- An S&P ASX 200 index member
  - Market cap ~ \$550 million at current prices
- **Profitable**, even at the current low A\$ nickel price
- A proven dividend payer, with a strong balance sheet. FY13 2 cents/share.
- Australia's third largest producer of nickel around 25,000 tonnes of nickel in concentrate produced
  - No 1 = BHP-B Nickel West and No 2 = Glencore
- **Employer of approx 500 staff**, either directly or through contractors
- Into its seventh consecutive year of production, 13<sup>th</sup> consecutive quarter with no downside operational surprises. First production 26 October 2006.
- Committed to stable growth from the current solid platform

### **Strong Asset Base**





### Location





# Western Areas are Safe Areas



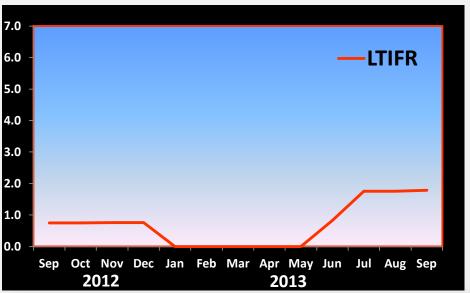
#### **Continuous Safety Improvement**

- LTIFR 1.79
- Flying Fox >83 days LTI free
- Spotted Quoll >898 days LTI free
- Exploration >1,795 days LTI free
- Cosmic Boy Concentrator >100 days LTI free
- MTIFR 7.1
- Contractors and Employees fully integrated into a site wide commitment

#### **Environment & Social**

- No environmental breaches
- Strong local commitments from the Hyden Respite Centre, Perth Zoo (Northern Quoll) and Starlight Children's Foundation WA







# **Oper**ations





### **September Quarterly - Outperformance**



			2012/2013		2013/2014
Tonnes Mined		Dec Qtr	Mar Qtr	Jun Qtr	Sep Qtr
Total - Ore Tonnes Mined	Tns	140,753	142,003	127,181	163,739
Grade	Ni %	4.9%	5.0%	4.7%	
Total Ni Tonnes Mined	Tns	6,957 7,147		6,031	8,290
Tonnes Milled and Sold		Dec Qtr	Mar Qtr	Jun Qtr	Sep Qtr
Ore Processed	Tns	151,855	151,855 145,348		150,475
Grade	%	4.9%	5.0%	5.1%	4.9%
Ave. Recovery	%	90% 91%		89%	90%
Ni Tonnes in Concentrate	Tns	6,722	6,611	6,634	6,593
Ni Tonnes in Concentrate Sold	Tns	6,829	6,845	7,222	6,554
Total Nickel Sold	Tns	6,829	6,845	7,222	6,554
Stockpiles		Dec Qtr	Mar Qtr	Jun Qtr	Sep Qtr
Contained Ni in Stockpiles	Tns	8,074	7,330	5,700	6,661
Financial Statistics		Dec Qtr	Mar Qtr	Jun Qtr	Sep Qtr
Group Production Cost/lb					
Mining Cost (*)	A\$/lb	2.27	2.23	1.87	1.65
Haulage	A\$/lb	0.05	0.05	0.05	0.06
Milling	A\$/lb	0.41	0.41	0.38	0.40
Admin	A\$/lb	0.17	0.19	0.18	0.19
By Product Credits	A\$/lb	(0.02)	(0.02)	(0.02)	(0.02)
Cash Cost Ni in Con (***)	A\$/Ib	2.89	2.86	2.46	2.28
Cash Cost Ni in Con/lb (***)	US\$/Ib (**)	3.00	2.97	2.44	2.09
Exchange Rate US\$ / A\$		1.04	1.04	0.99	0.92

#### **Comments**

- Highest mine production and lowest unit cash cost @ <u>A\$2.28/lb</u> in concentrate since the Dec Q 2011.
- 2. Positive reserve reconciliation on grade/tonnes plus cost reduction program delivering results.
- 3. Record Spotted Quoll mine production 4,090t nickel (5.3% grade).
- 4. Concentrator availability 98%, recovery 90% and 10% above capacity.
- 5. Rain impacted road conditions and sales to BHP, therefore stocks increased.
- 6. Cash at Bank increased A\$4.9m to A\$85.3m despite half yearly interest payment & QP settlements.
- 7. 13 quarters in a row of on target or better operational performance.
- FY14 guidance to be updated at half year - however cannot hide from it being a very good start - above budget.

# **Flying Fox Mine**

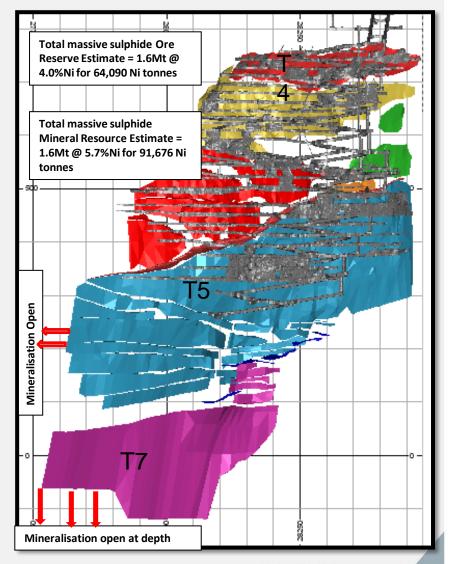


#### **Mineral Resource and Ore Reserve**

- High Grade (excluding disseminated sulphide resource) Mineral Resource: 1.68Mt @ 5.7% Ni = 94,600 Ni Tonnes
- Ore Reserve: 1.67Mt @ 4.0%Ni = 67,000 Ni Tonnes
- Nickel grades increase with depth from 3.9% to 5.8%
- Underground drilling program to extend Mineral Resource is ongoing
- Over 700m strike length in T5

#### **Production**

- FY2013 348,448t @ 4.9%Ni for 17Kt nickel
- Low cash cost operation <US\$3/lb</p>
- Life of Mine 5-6 Years, extensional drilling in progress



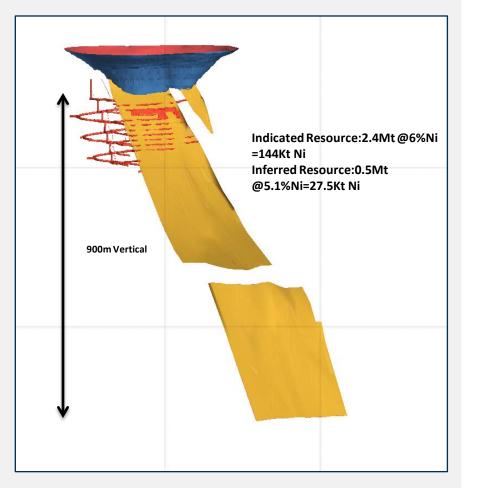
# **Spot**ted Quoll Mine

#### **Mineral Resource and Ore Reserves**

- Ore reserve now 2.9mt @ 4.2% containing 121,400t nickel
- Remains open at depth and to the North
- Surface drilling program complete to improve conversion of inferred resource to indicated resource – Sept Q
- Already >10 year mine life on reserve
- New Spotted Quoll North Resource of 113kt
   @ 9.3% for 12,940 nickel tonnes

#### Production

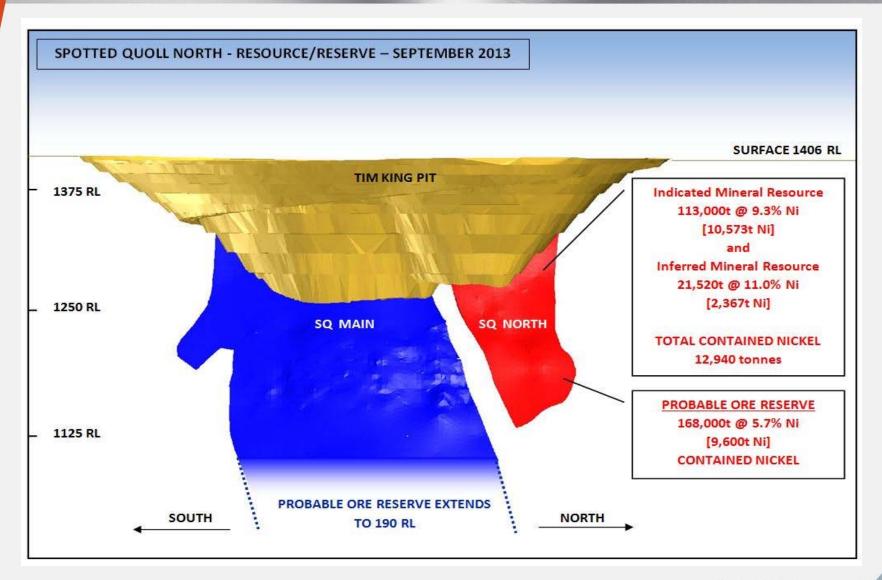
- FY2013 207,288t @ 5.1% Ni for 10.6Kt nickel
- Successfully ramped up nickel production to a 12ktpa run rate in FY2014
- Top-down mining using paste fill. Plant fully operational



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# **Spotted Quoll North**





# **Forrestania Nickel Concentrator**



#### **Concentrator Summary**

- Current nameplate capacity of 550,000tpa of ore (but being exceeded)
- Nickel concentrate output circa 25,000tpa Ni
- Concentrate grades of around 14.0% Ni
  - Premium blending product (Fe/Mg ratio >15)
  - Desirable to smelters as it enables lower quality concentrates to be economically utilised after blending
- 14,000t of concentrate storage capacity

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

- Access to >1400 sealed shipping containers
- No environmental issues
- Using 25 trucks for concentrate transportation
- Shipping contract in place, FOB Esperance Port



# Independent Producer - Offtake Contracts



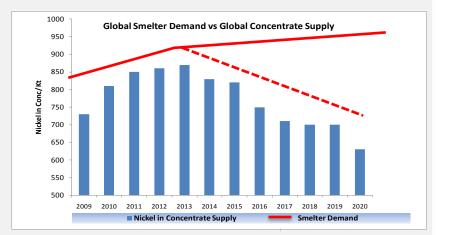
#### **Concentrate Supply**

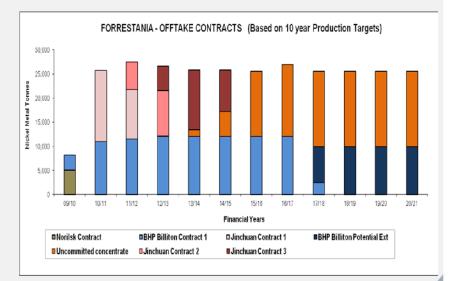
- Tightness in smelter supply to be experienced from 2014
- Global nickel sulphide grades in decline
- Reliable nickel sulphide concentrate supply dwindling
- Laterites and Nickel Pig Iron do not fill the void

#### **Offtake Contracts**

- Offtake to BHP 2017 12ktpa nickel in concentrate
- Offtake to Jinchuan Feb 2015
- FOB Terms
- Very competitive payable terms
- WSA in a unique position being an independent producer
- Ability to complete spot/opportunistic sales

**NOTE:** The graph **FORRESTANIA – OFFTAKE CONTRACTS** is based on Western Areas' 10 Year Production Targets. These Targets include estimates and assumptions on production rates of existing ore reserves, conversion of existing mineral resources to ore resources and assumptions on potential extensions to existing mineral resources, based on current information. These Production Targets may vary due to future drilling results, nickel prices, costs and market conditions. **Refer to Disclaimer and Forward Looking Statement in Presentation** 





# **Exploration and Growth Outlook**



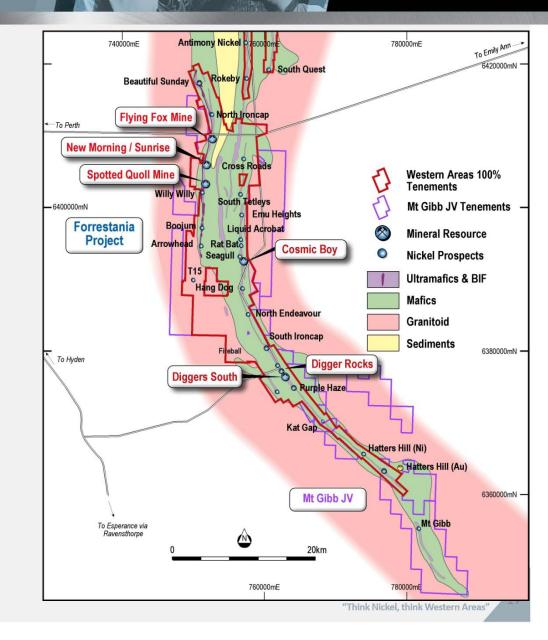


### **Forrestania Tenements**



#### **Regional Geology**

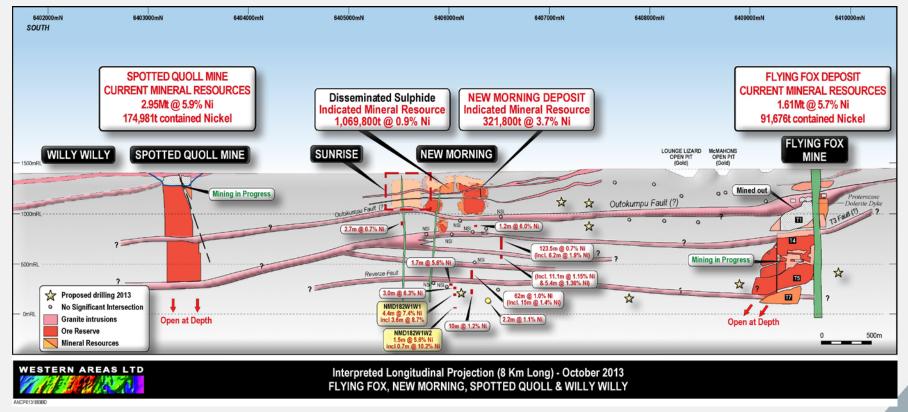
- 120km strike length (900 sq km) of prospective Forrestania Nickel Project, within 400km long nickel province
- Six ultramafic belts
- Nickel sulphide deposits and most occurrences in two belts (Eastern and Western)
- Western Ultramafic Belt hosts the high grade Flying Fox, Spotted Quoll and new Morning deposits



### Short Term – Near Mine Exploration



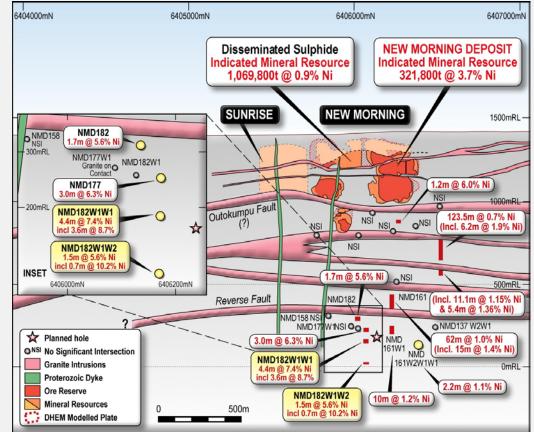
- Exploration Budget of A\$15M for FY14, <u>majority spent</u> on drilling at Forrestania
- Drilling Priority within 8km long zone (below). New discovery would access existing mine infrastructure. Systematic approach
- Recent New Morning massive sulphide and Sunrise discoveries



# High Grade Discovery at New Morning



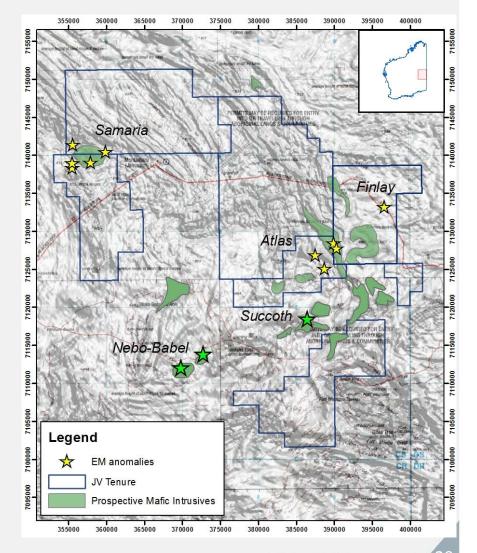
- WSA's latest new high grade discovery,
   2.5km from Flying Fox and 2.8km from
   Spotted Quoll
  - All approvals in place, potential major capex savings & accessible from either mine
- Massive sulphide discovered below New Morning:
  - 4.4M @ 7.4% nickel including 3.6m
     @ 8.7% nickel
  - 3.0m @ 6.3% nickel including 2.4m
     @ 7.6% nickel
- Major drilling program continues with use of DHEM data



### West Musgrave JV



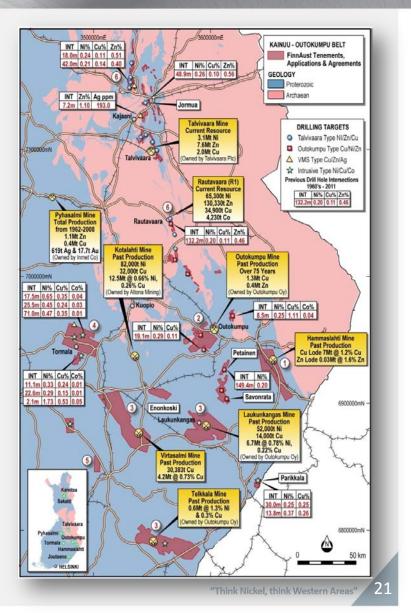
- Attractive entry point for highly prospective landholding where significant pre-work completed
- Up to 70% earn into prospective West
   Musgrave tenements (1,075km<sup>2</sup>) with Traka Resources
- Demonstrated strong endowment (BHPB's Nebo – Babel – Succoth deposits)
- Targeting massive sulphides (nickel/copper)
- Geophysical surveys commenced on priority targets (MLEM)
- A number of highly conductive targets identified with drilling to commence in November



# Finland – FinnAust Mining PLC Projects



- 84% WSA, preparing to list on AIM dependent on market conditions in CY2013
- 300km long base metal province in Finland
- Numerous nickel/copper/zinc mines & occurrences
- Focus on two key projects:
  - 1. Outokumpu Copper Project
  - 2. Hammaslahti VMS Project
- Drill priority targets for potential extensions and repetitions to known copper deposits
- Geophysics proving very effective in defining targets -ZTEM survey completed



# **Pillars for Growth**



#### **Organic Growth**

Western Ultramafic Belt:
✓ New Morning channel
✓ Between Spotted Quoll & Flying Fox
Selected Overseas Exploration
Leverage from WSA's Concentrate off take

#### **Joint Ventures**

Traka Resources Southern Cross Base Metals – many opportunities being presented

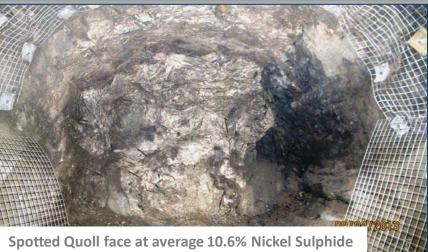
### Acquisitions

Base Metals Bottom Half of the Cost Curve Use WSA expertise – exploration, dev and ops The 2 "D" – discipline and due diligence

# **Financials**







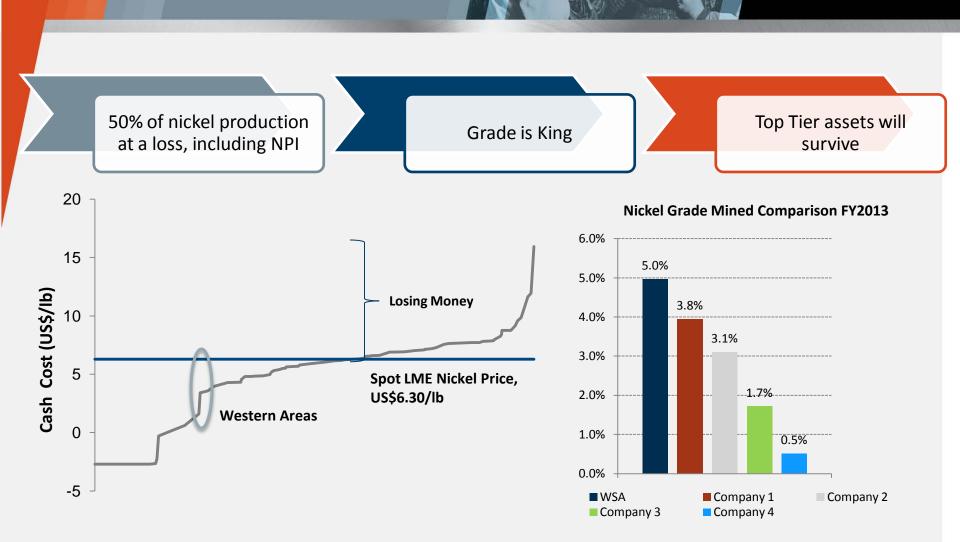
# **Financial Snapshot**



Full Year Highlights (\$'000)	FY 2012	FY 2013	
Mine Production (tonnes Ni)	31,102	27,639	Unit cash cost of
Mill Production (tonnes Ni)	25,641	26,918	concentrate production below guidance
Recovery	92%	91%	
Sales Volume (tonnes Ni)	26,637	27,819	Nickel price fall in 2HFY2013 negatively
Cash Costs (A\$/lb)	2.43	2.68	impacted revenue
Exchange Rate USD/ AUD	1.03	1.03	
Nickel Price (U\$/tn)	17,791	16,112	Nickel price decline in
EBITDA ('000)	186,662	125,867	2H FY2013 impacted with negative QP of
Underlying EBIT ('000)	94,981	40,599	A\$14.0m
Underlying NPAT ('000)	40,236	5,590	Non cash impairment of
Reported NPAT ('000)	40,181	(94,105)	\$99.7M (post tax)
Cash Flow from Operations ('000)	159,253	112,115	
Cash at Bank	165,502	80,719	2H FY2013 stronger with
Dividend (cents)	11.0	2.0	reduced capex
			Debt renavments totalled

Debt repayments totalled A\$150m

# **Bottom Quartile Producer**



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# **Capital Management**



#### **ANZ Facility**

- A\$125m facility, expiring in 2016
- Fully covers the July 2014 convertible bond of A\$110.2m
- Margin is less than the coupon for the 2014 and 2015 convertible bonds

#### July 2014 Convertible Bond

- Planned to be repaid via all cash or a mixture of cash & the ANZ Facility
- Convertible bonds have been a very successful funding tool for both WSA and investors

WSA gearing levels have been reduced over the last 12 months:

- Repaid \$105.5m convertible bond from free cash flow generation
- Repaid A\$45m to ANZ which was used to facilitate the acquisition of Kagara Ltd's nickel assets
- Remain cash flow positive despite a challenging nickel price impacted by a strong AUD
- Sustaining capex profile likely to reduce over the coming years

### **Investor Equation**





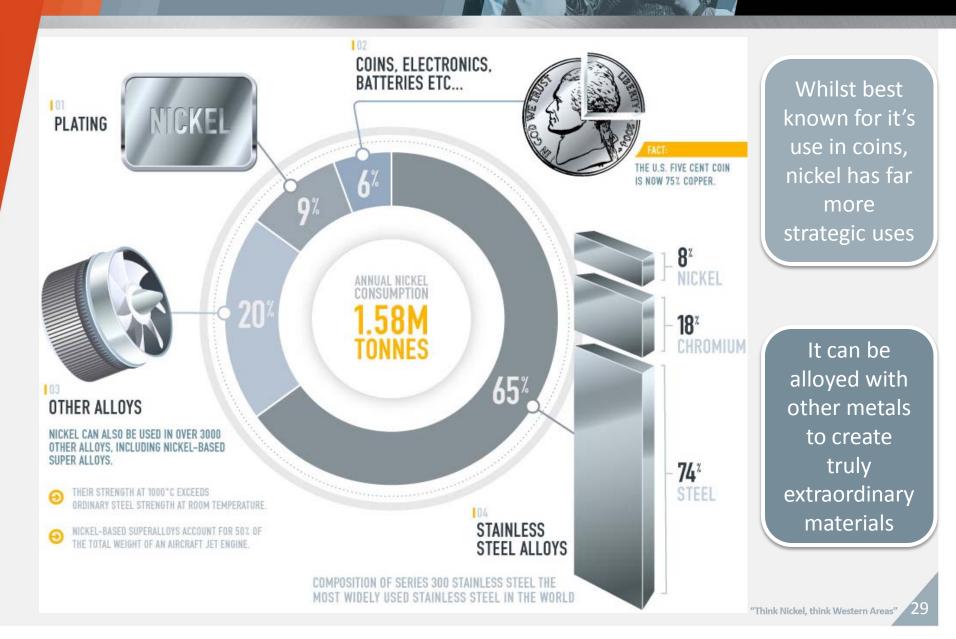
# Nickel Industry





# Nickel Market Outlook

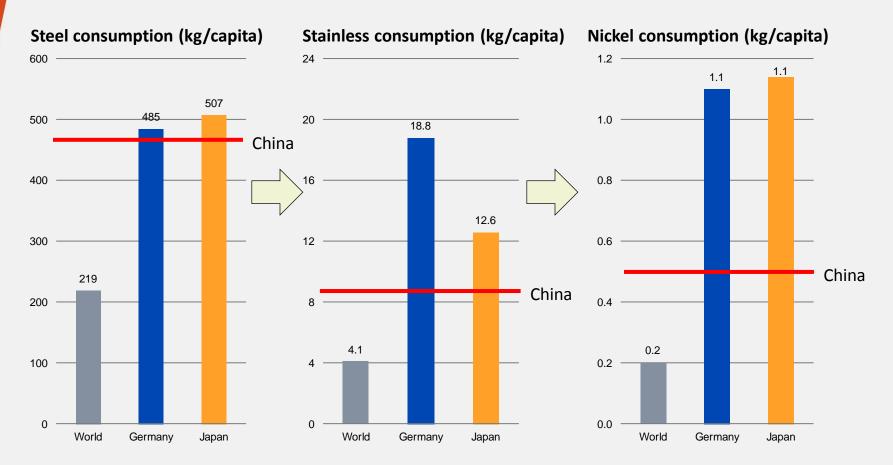




# **Stain**less Steel Demand



#### Nearly 70% of nickel supply ends up in stainless steel



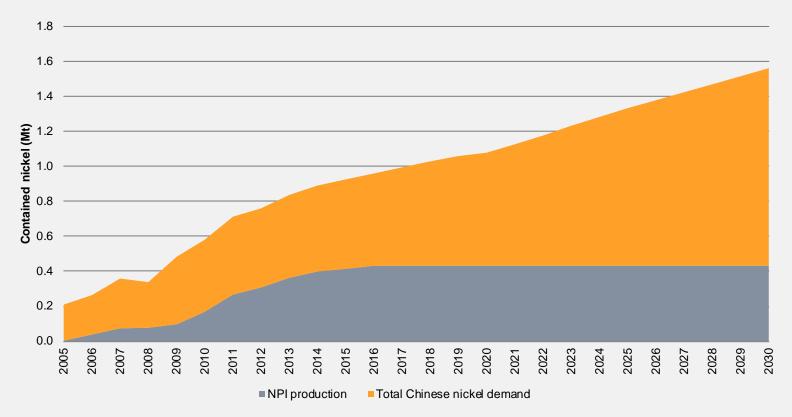
At Japanese and German per capita consumption levels, Chinese nickel demand would increase by nearly one million tonnes during this decade

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# **Chinese Nickel Demand**



#### Forecast Chinese nickel demand and Nickel Pig Iron (NPI) production

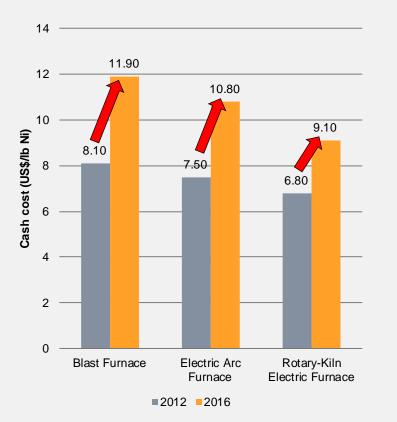


NPI production will likely not increase at its current pace into the future. Chinese demand for nickel will have to be met by alternate sources of production.

# Nickel Pig Iron (NPI) to become expensive



NPI is too expensive to continue to fill the gap......



#### 2012 and 2016 estimated NPI cash cost (US\$/lb)

#### **Cost Pressures**

- 1. Electricity (25-75% of cost)
- 2. Labour costs increasing
- 3. Indonesian Laterite the only supplier for low cost RKEAF
- 4. Increase ore export taxes

NPI is already a high cost method of nickel production, and domestic economic forces in China may adversely impact economics

# **Questions?**



