

### Australia's 'New' Nickel

#### **Proactive Investors Forum, Sydney**

David Singleton, MD & CEO 9 July 2014

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#### Agenda



The Windarra Nickel Mine

Black Swan Processing Plant & Mine

Nickel Market Boom developing

### Windarra Nickel Project



- ■\$100m spent over 6 years
- Major Nickel Resource
- ■90% surface infrastructure complete
- ■80% sub surface refurbishment complete
- Can deliver ore by December 2014\*

### Mt Windarra - Operational Site











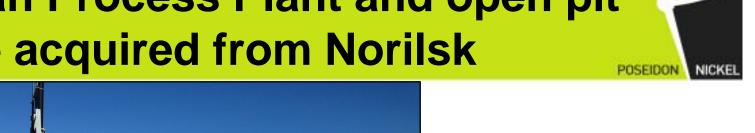


# Black Swan is a major nickel plant and ore body



- Purchasing from Norilsk Nickel
- Australia's largest nickel concentrator outside BHP
- Near new condition facilities installed in 2007 Closed in 2009 during financial crisis Care & maintenance since then by Norilsk Open pit ore body with more than 10 years potential life

# The Black Swan Process Plant and open pit resource to be acquired from Norilsk





### **Poseidon's Nickel Inventory**



Windarra		Mineral Resource Category (JORC 2004)									
Nickel	Nickel Cu Off		Indicated			Inferred			TOTAL		
Project	Grade	Tonnes	Ni%	Ni Metal t	Tonnes	Ni%	Ni Metal t	Tonnes	Ni%	Ni Metal	
Sulphides			Grade			Grade			Grade	t	
Mt Windarra	0.75%	1,217,000	1.39	17,100	3,553,000	1.78	63,100	4,770,000	1.68	80,200	
South	0.80%										
Windarra	0.80%	772,000	0.98	7,500	-	-	-	772,000	0.98	7,500	
Cerberus	0.75%	2,773,000	1.25	34,600	1,778,000	1.91	34,000	4,551,000	1.51	68,600	
Total		4.762.000	1.24	E0 200	F 224 000	1.02	07.100	10 002 000	1.55	156 200	
Windarra		4,762,000	1.24	59,200	5,331,000	1.82	97,100	10,093,000	1.55	156,300	

**= 156,300 tonnes nickel** 

# Black Swan more than doubles Poseidon's Nickel Inventory

Note: The information in this report that relates to Mineral Resources is based on information compiled by Mr N Hutchison, General Manager of Geology at Poseidon Nickel, who is a Member of The Australian Institute of Geoscientists and Mr I Glacken who is a Fellow of the Australasian Institute of Mining and Metallurgy as well as a full time employee of Optiro Pty Ltd.

The information in this report that relates to Ore Reserves is based on information compiled by Denis Grubic, who is a Member of The Australasian Institute of Mining and Metallurgy as well as a full time employee of Rock Team Pty Ltd.

Mr Hutchison, Mr Glacken and Mr Grubic all have sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which they are 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' (the JORC Code 2004). Mr Hutchison, Mr Glacken and Mr Grubic have consented to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Australian Securities Exchange has not reviewed and does not accept responsibility for the accuracy or adequacy of this release.

### Windarra + Black Swan = Australia's New Nickel

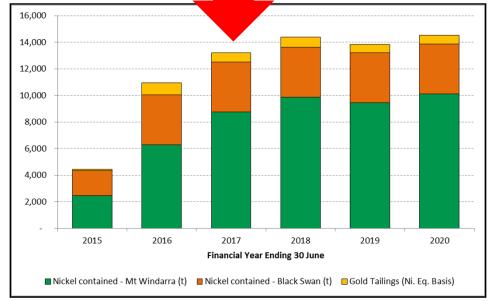






Windarra Ore @ circa 500,000 tpa

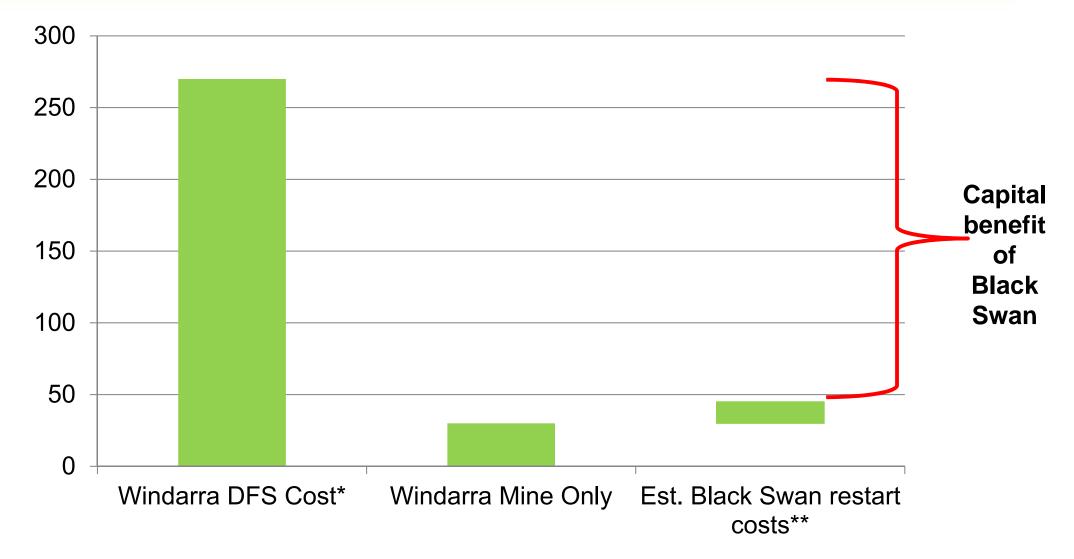
Black Swan Ore @ circa 500,000 tpa



Produce circa 12,000 tonnes nickel p.a.

# Black Swan reduces Poseidon's initial capital cost by 85%



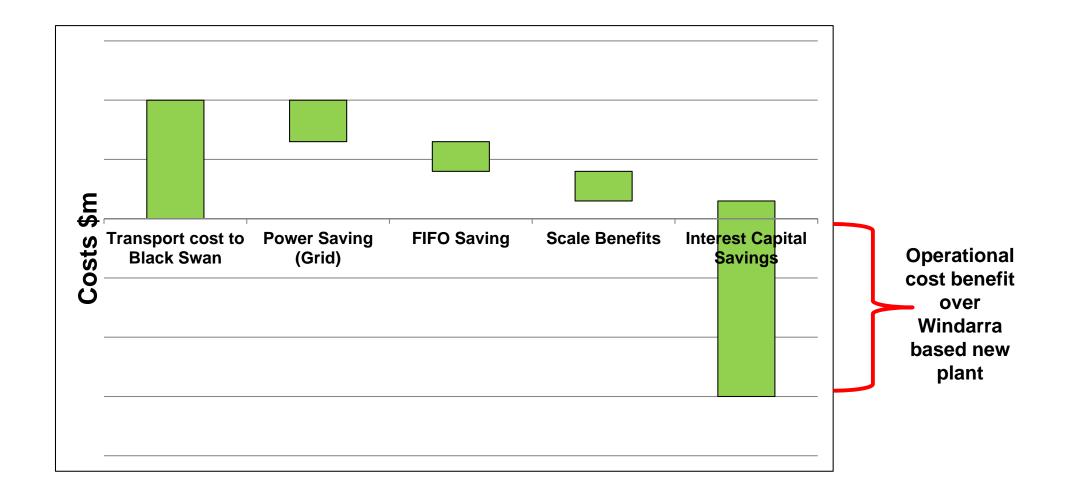


<sup>\*</sup>Cost includes financing costs, prepaid interest but excludes gold & Cerberus to compare on a like for like basis

<sup>\*\*</sup>Early estimate for pre-production restart costs for Black Swan for illustrative purposes only

### Transporting ore to Black Swan has a strong economic case

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<sup>\*</sup>All data on this page is estimated for illustration purposes and has not been verified through a feasibility study. Study has been initiated and results will be published.

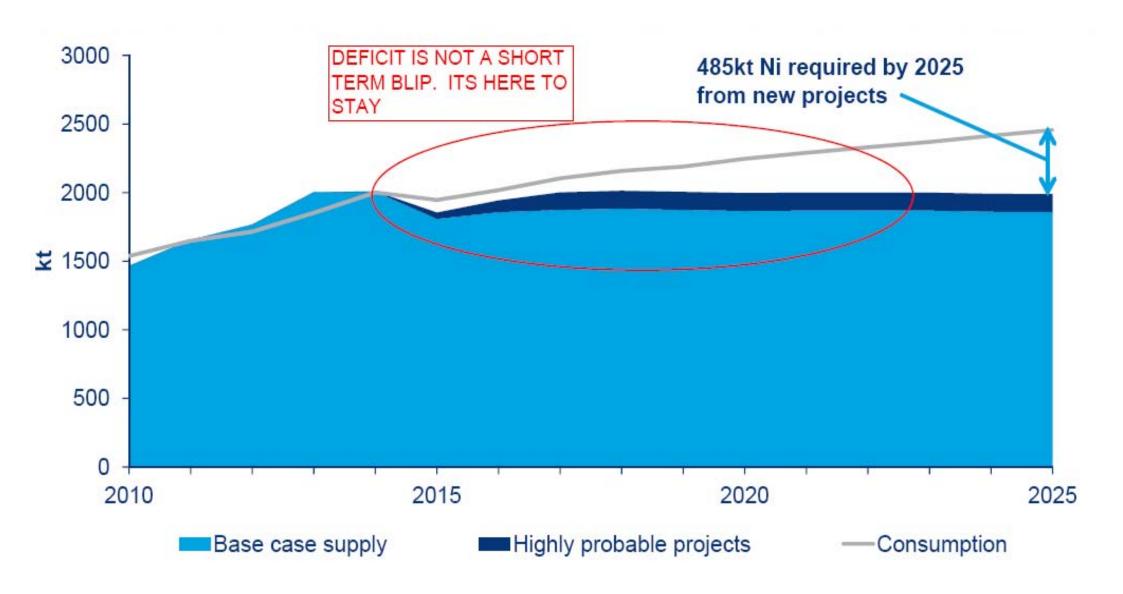
#### Nickel in a bull market



### "You ain't seen nothing yet"

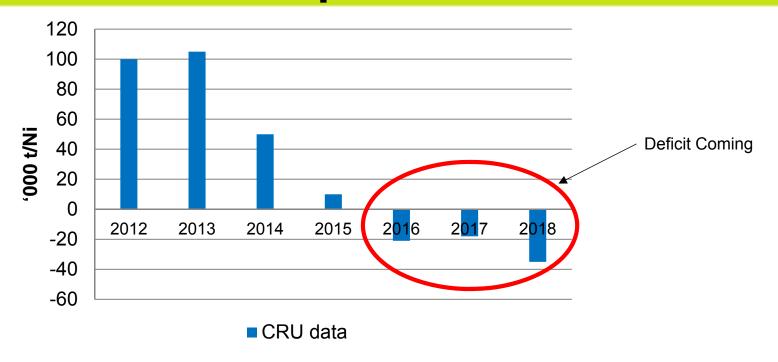
Macquarie Bank 2014

### Wood Mackenzie forecast that nickel can stay in deficit to 2025, irrespective of Indonesian outcomes



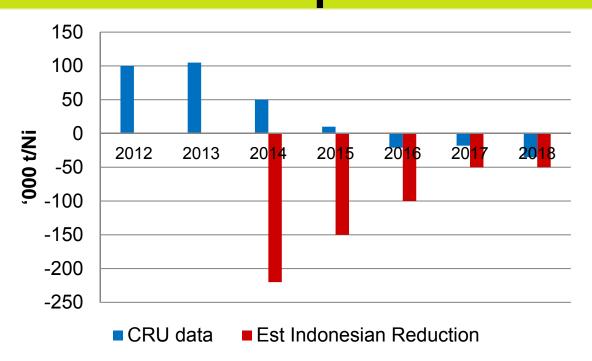
# Forecast Nickel deficits including estimated Indonesian impact\*

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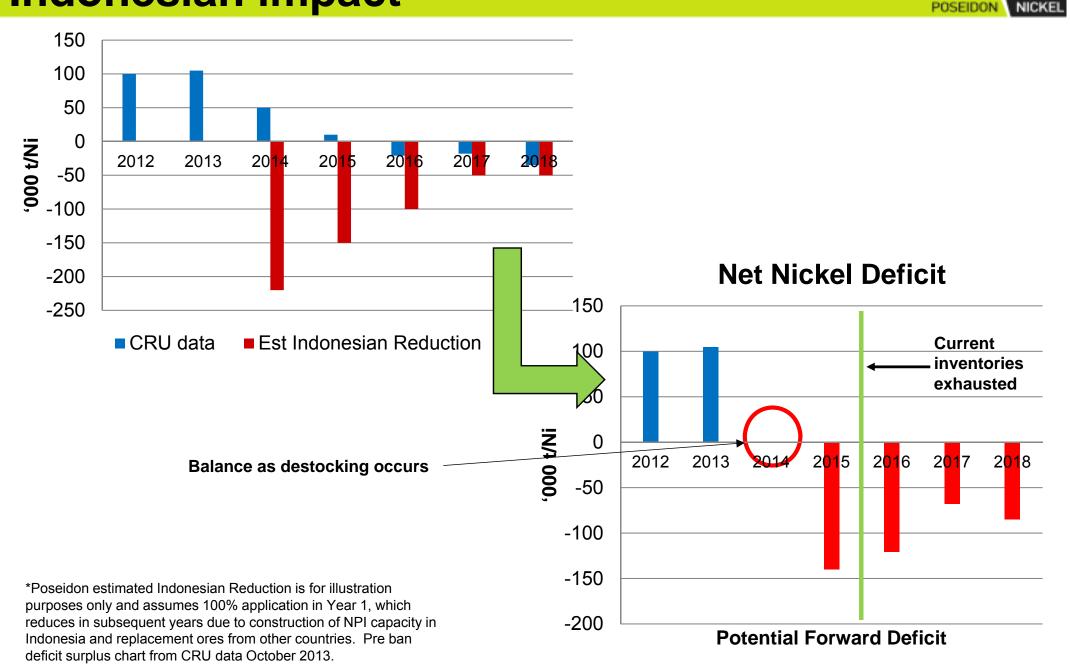
<sup>\*</sup>Poseidon estimated Indonesian Reduction is for illustration purposes only and assumes 100% application in Year 1, which reduces in subsequent years due to construction of NPI capacity in Indonesia and replacement ores from other countries. Pre ban deficit surplus chart from CRU data October 2013.

## Forecast Nickel deficits including estimated Indonesian impact\*



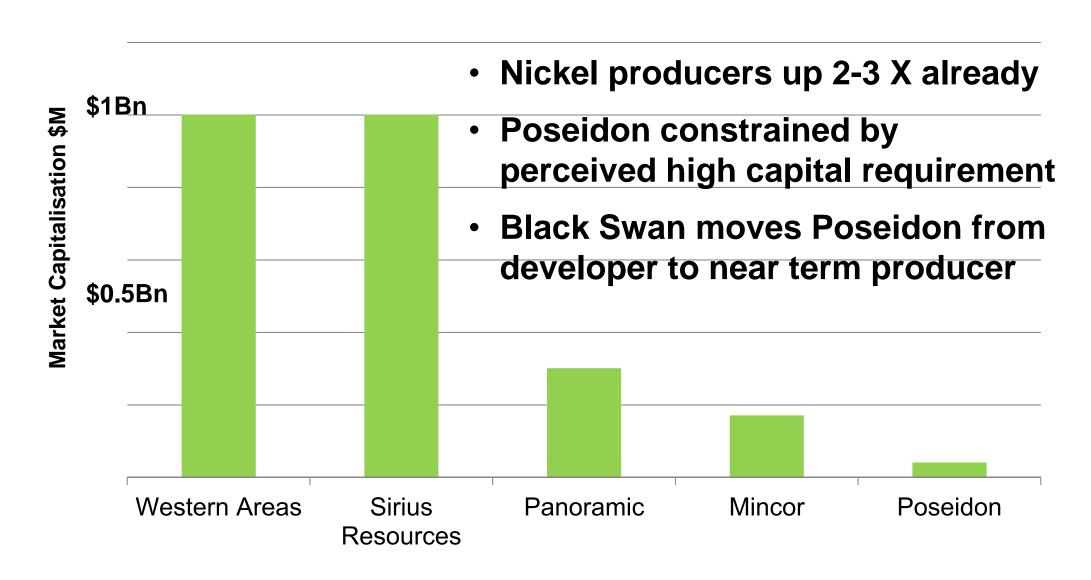
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### Forecast Nickel deficits including estimated Indonesian impact\*



#### What is the Investment Case?





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