

28 MARCH 2019

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AGENDA



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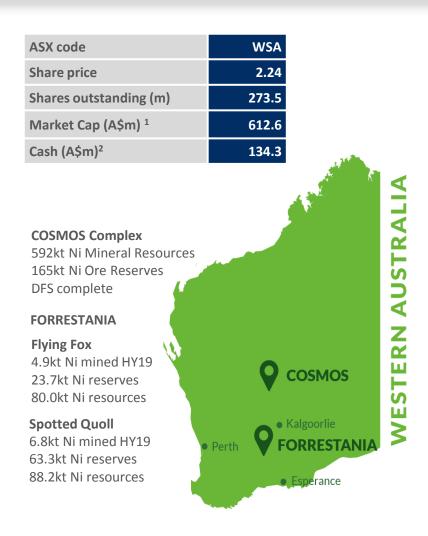
The information within this PowerPoint presentation was compiled by Western Areas management, but the information as it relates to exploration results, mineral resources or ore reserves was prepared by Mr Graeme Gribbin, Mr Andre Wulfse or Mr Marco Orunesu-Preiata respectively. Mr Gribbin, Mr Wulfse and Mr Orunesu-Preiata are full time employees of Western Areas Ltd. Mr Gribbin is a member of Australian Institute of Geoscientists (AIG). Mr Wulfse and Mr Orunesu-Preiata 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 Gribbin, Mr Wulfse and Mr Orunesu-Preiata consent to the inclusion in this presentation of the matters based on the information in the form and context in which it appears.

WHO IS WESTERN AREAS?



CORPORATE OVERVIEW







WESTERN AREAS ARE SAFE AREAS

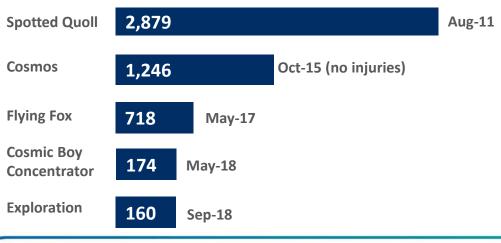




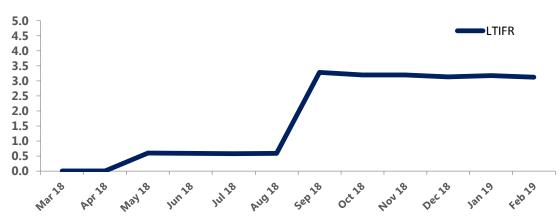




Days LTI free

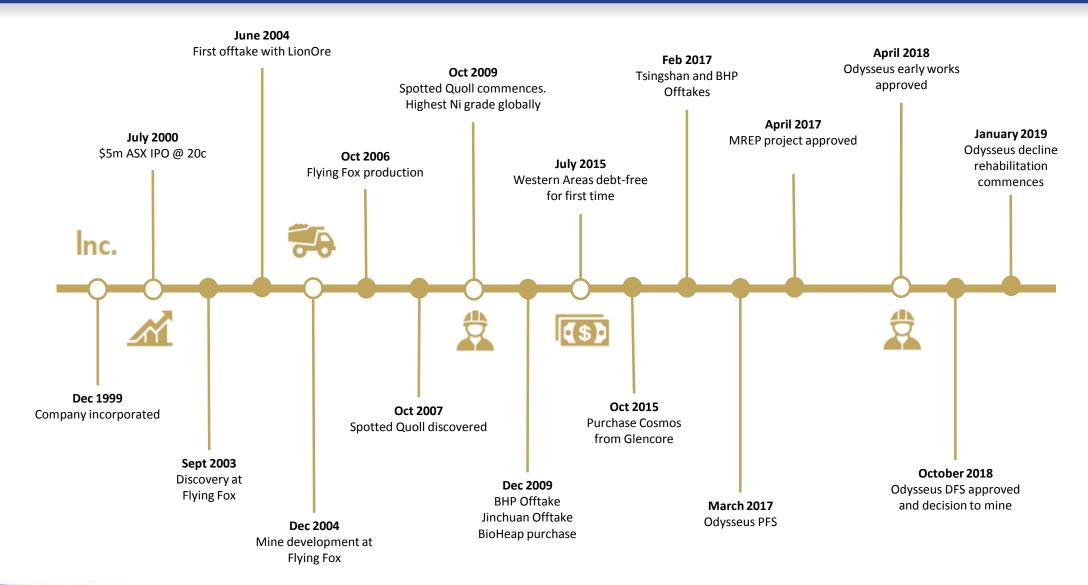


12 month LTIFR moving average



Safe operations make efficient operations

WESTERN AREAS SUCCESS TIMELINE



ODYSSEUS-OUR NEW PROJECT DELIVERING LONG TERM VALUE



COSMOS OVERVIEW

WESTERN AREAS' SECOND OPERATIONAL HUB

Outstanding Nickel Address:

- Within prolific Leinster Wiluna Nickel camp;
- Jubilee Mines sold in 2007 to Xstrata for A\$3.1B!;
- WSA purchase from Glencore Oct 2015 for \$24M;
- WSA PFS completed in March 2017; and
- WSA DFS completed in Oct 2018 with Board approval to start mining.





BUILDING RELATIONSHIPS



COSMOS SITE READY FOR ACTION!





ODYSSEUS – EARLY WORKS NEARING COMPLETION

Early Works Activities

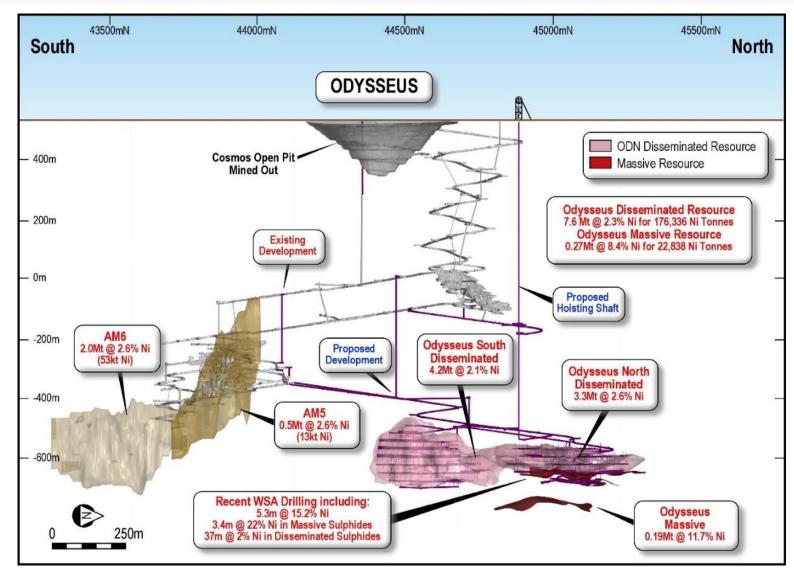
- ✓ Barminco decline rehabilitation commenced (Jan 2019) – already 2km of decline completed;
- ✓ De-watering on schedule;
- ✓ Schlumberger pump for underground dewatering installed and operational;
- ✓ Camp commissioned with over 150 rooms available out of 520.



ODYSSEUS – NOW A LONG LIFE PROJECT

Western Areas' Second Operation

- Long life, low cost project
 - ✓ Ore Reserve 8.1mt @ 2.0% for 164kt nickel
 - ✓ Mine life > 10 years
 - √ AISC A\$3.50/lb
 - ✓ Average nickel in concentrate production>13.0ktpa (14.6ktpa from FY24-FY31)
- Pre-production capex A\$299m includes:
 - ✓ Shaft hoisting
 - ✓ Larger mill (900ktpa immediately)
- Significant upside:
 - ✓ AM5 & AM6 deposits contain an Indicated Mineral Resource of 57.6kt of nickel (not included in DFS)
 - ✓ Record massive sulphide intersections



SHAFT INFRASTRUCTURE

- WSA has secured a high quality, second hand head gear and winder from Impala Platinum;
- Shaft infrastructure will be dismantled, refurbished in South Africa and shipped to Perth;
- Significant economical benefit versus trucking.

Key Metrics:

- > 5.5m diam. raise bore;
- ➤ 4 guide ropes per conveyance;
- > 1.27Mtpa (ore and waste);
- > 12 t skips;
- 1 truck required to feed shaft;
- > 4.5 MW peak power.



INNOVATION



BIOHEAP LABORATORY



MILL RECOVERY ENHANCEMENT PROJECT (MREP)

Produces additional new higher-grade product (45%-50% Ni) Generating value from waste tailings New customers - EV battery market

- Product specification achieved. Now ramping up leach volume to nameplate capacity (1,400t nickel pa max)
- Filtration and bagging facilities to sell a new high grade nickel sulphide product complete
- Premium payables versus flotation concentrate
- Back-end of plant capable of up to 4,000t of nickel pa Mill Scats, New Morning, Flying Fox LG to provide future feed options

Front End – BioHeap Leach

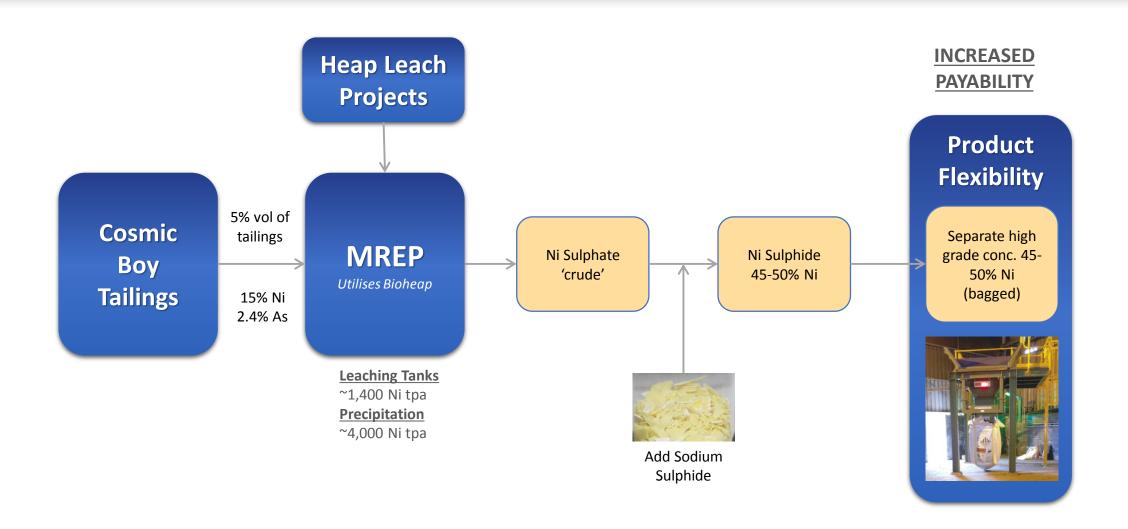
- 1,400 tpa capacity
- Tailings stream from Cosmic Boy - applies BioHeap Leach, then passes to precipitation



Back End – Precipitation

- 4,000 tpa capacity
- 1,400 tpa leached material from BioHeap front end
- 2,600tpa other sources of nickel in solution eg. heap leach elsewhere in Forrestania, or mill scats treatment

MREP FLOWSHEET



NICKEL MARKET



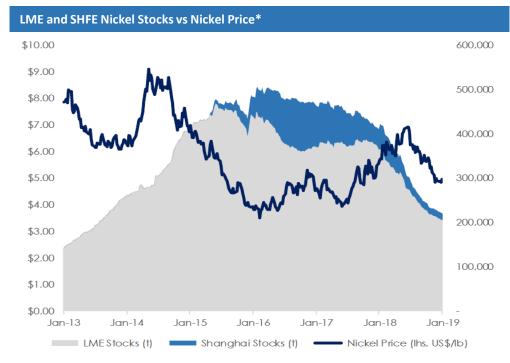
WHAT WE ARE SEEING

- Significant increase in inbound off-take enquiries for Nickel Sulphide concentrate post current contract period, primarily linked to the Electric Vehicle battery sector;
- Our partner, China's largest stainless steel producer, Tsingshan, has strong growth plan which will require significant additional nickel units – reinforcing industry wide trend;
- Technology change to NCM 811 which requires even more nickel;
- Current nickel price too low to incentivise new project development. New mine development can take 3 years – the nickel "pie" is not expanding;
- May see divergent market in nickel supply emerging between stainless steel and EV;
- LME and other stockpiles shrinking on the back of current stainless demand.



Estimated electrification impact per vehicle (avg NMC battery)





Source: Global Mining Research, Bloomberg

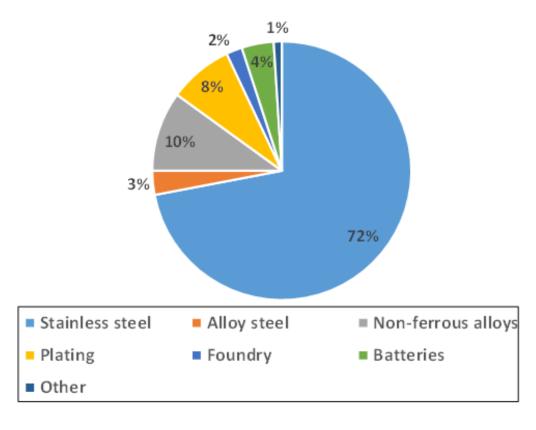
NICKEL CONSUMPTION OUTLOOK – STAINLESS DOMINATES

- Stainless steel consumption growing at 5%+-a-year trend;
- Non-ferrous alloys booming due to strong aerospace and recovery in oil and gas investment;
- Nickel use in batteries growing by 30–40% a year from low base due to growing nickel use in lithium ion batteries for the electric vehicle industries.

Estimated electrification impact per vehicle (avg NMC battery)



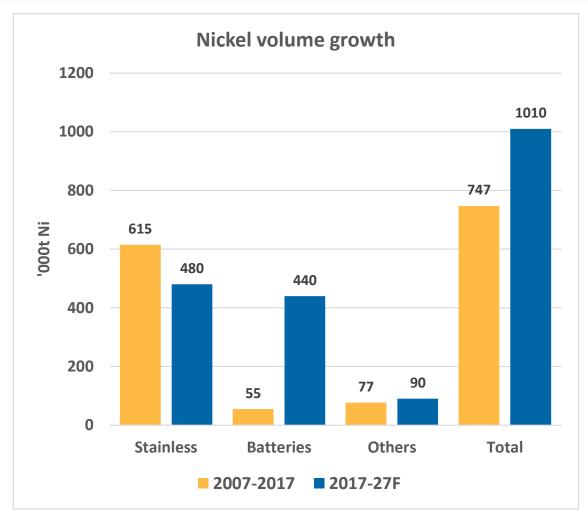
2018 primary nickel consumption by first use 2.2mt



Source: CRU, Macquarie Commodities Strategy, February 2019

WHERE WILL NICKEL GROW IN THE NEXT TEN YEARS?

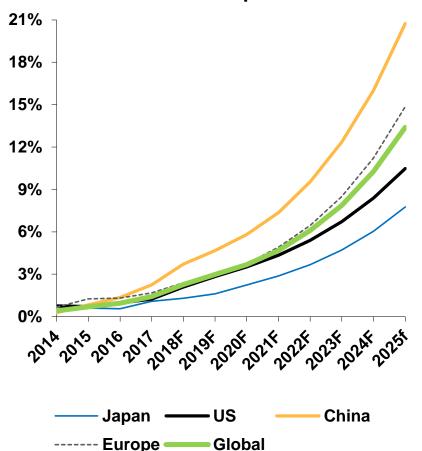
- Stainless will remain the largest growth area;
- Battery market set to grow almost as fast as stainless in volume, but from a much lower base;
- Estimated additional 1mt of nickel units needed in next ten years.



Source: CRU, INSG, Macquarie Commodities Strategy, February 2019

ELECTRIC VEHICLE SALES - CHINA LEADING THE WAY!

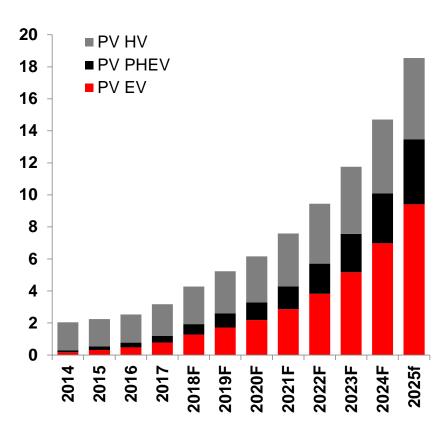




China leads the way, as pollution and the chance to become a leading automaker motivates subsidies for EVs

PV excluding HV to reach ~6M units by 2022 and 13.5M units by 2025

Global NEV sales projections M units

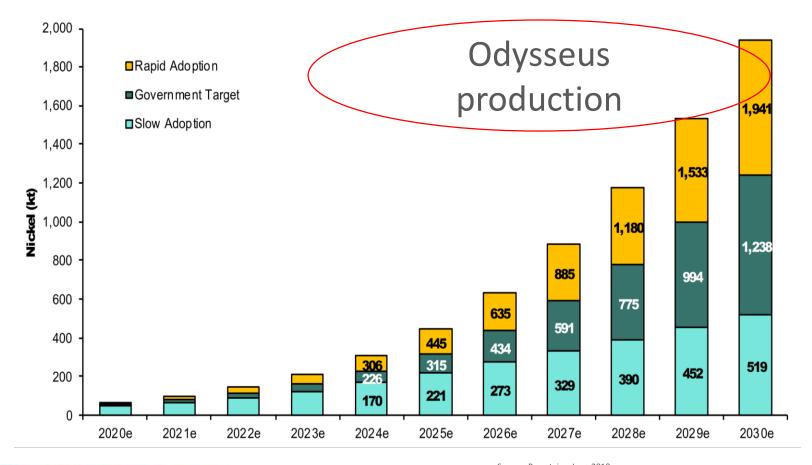


Source: Industry data, Macquarie Commodities Strategy, February 2019

FUTURE ELECTRIC VEHICLE DEMAND FOR NICKEL

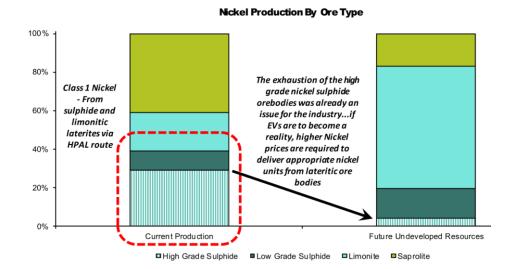
- Potentially very significant incremental demand versus a current nickel market size of c.2,200kt
- Research indicates NCM 811 will be the fastest growing battery combination by 2025!

Global Demand for Nickel for Electric Vehicles



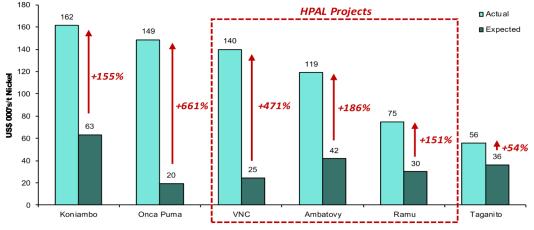
CHEMISTRY FAVOURS NICKEL SULPHIDE FOR BATTERIES

.. But there is very little Nickel sulphide left to be developed



And laterites via HPAL are serial disappointments

Recent Significant Nickel Projects - Actual vs. Expected Capital Intensity



NICKEL DEFICITS NOW A REALITY!

Two successive sizeable nickel market deficits, both this year and in 2019, combined with **expectations for continued deficits** through the first half of the 2020's ... point to a **necessity for higher prices**.

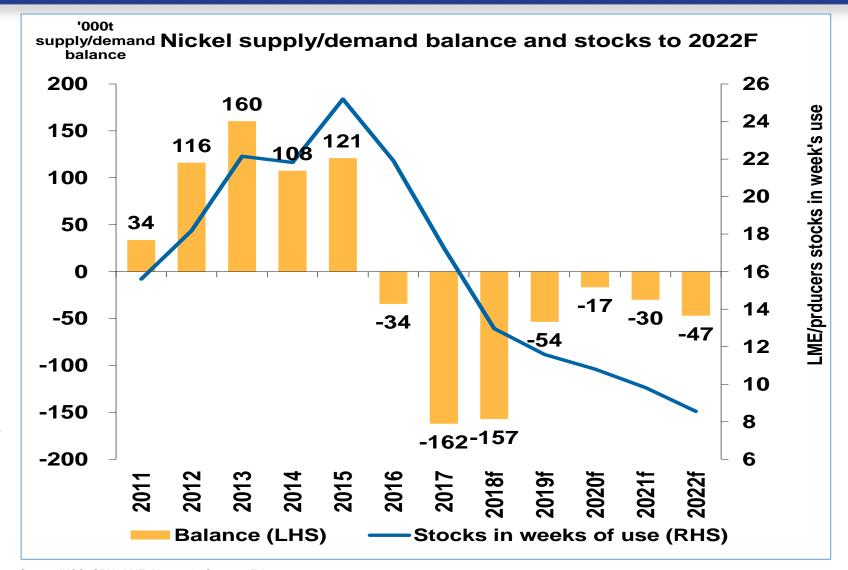
Deutsche, July 18

There is **consensus** from within the industry, nickel trade bodies and industry consultants, **that the market is in deficit**.

Bernstein, June 18

We expect the nickel market to remain in deficit beyond 2018, and we believe higher prices are required to incentivise new supply to keep up with demand growth.

J.P. Morgan, July 18



Source: INSG, CRU, LME, Macquarie Strategy, Feb 2019



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