

Media Tour to Nickel West

Kwinana Nickel Refinery (KNR)

Brett Swayn – General Manager Kwinana Nickel Refinery

19 September 2007



bhpbilliton

Disclaimer

The views expressed here contain information derived from publicly available sources that have not been independently verified. No representation or warranty is made as to the accuracy, completeness or reliability of the information. Any forward looking information in this presentation has been prepared on the basis of a number of assumptions which may prove to be incorrect. This presentation should not be relied upon as a recommendation or forecast by BHP Billiton.

Nothing in this release should be construed as either an offer to sell or a solicitation of an offer to buy or sell shares in any jurisdiction.

Ore Reserves and Mineral Resources

The information in this presentation that relates to Ore Reserves and Mineral Resources is as at 30 June 2006 and is based on information prepared by the relevant Competent Persons. The Competent Persons agree with the form and context of the Mineral Resources and Ore Reserves presented. The complete tables of Ore Reserves and Mineral Resources as at 30 June 2006 (including the relevant Competent Persons) for Stainless Steel Materials are presented in the BHP Billiton Annual Report 2006 on pages 74 and 75.

Agenda – KNR overview

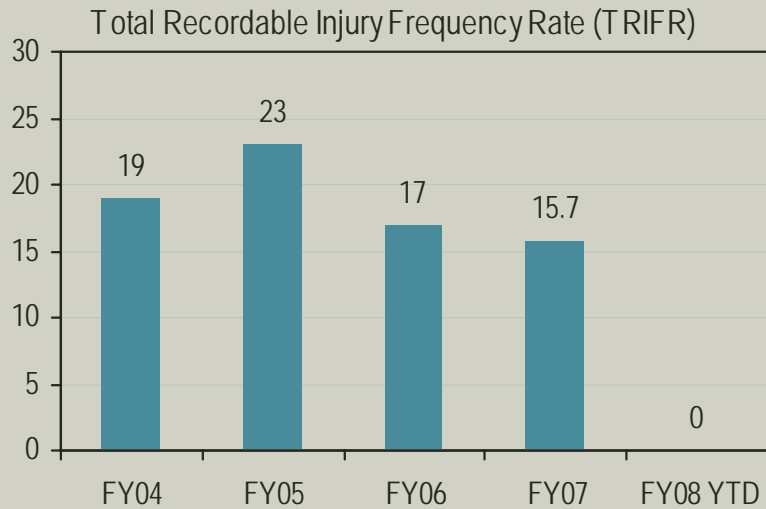
- Safety contacts – group to reflect on recent safety learning
- Visitor safety
- Zero Harm - Health, Safety, Environment, Community & People
- Kwinana Nickel Refinery - Business, Products and Operations
- KNR strategy
- Business Excellence
- Cost structure
- Open Discussion

Visitor safety

- Stay with and follow the instruction of your guide at all times
- Wear the appropriate PPE as directed by your guide
- Carry your swipe card with you at all times
- Take care on uneven ground and stairs
- Emergency – telephone “45”, radio channel “1”
- Report all injuries
- Have your mini-scape pack with you at all times

Take Time – Take Charge

KNR performance - Zero Harm



- Field Leadership / Hazard Reporting & Closeout
- BHP Billiton HSEC Management Standards & ISO 14001
- Fatal Risk Control Protocols
- Process Safety Risk Management

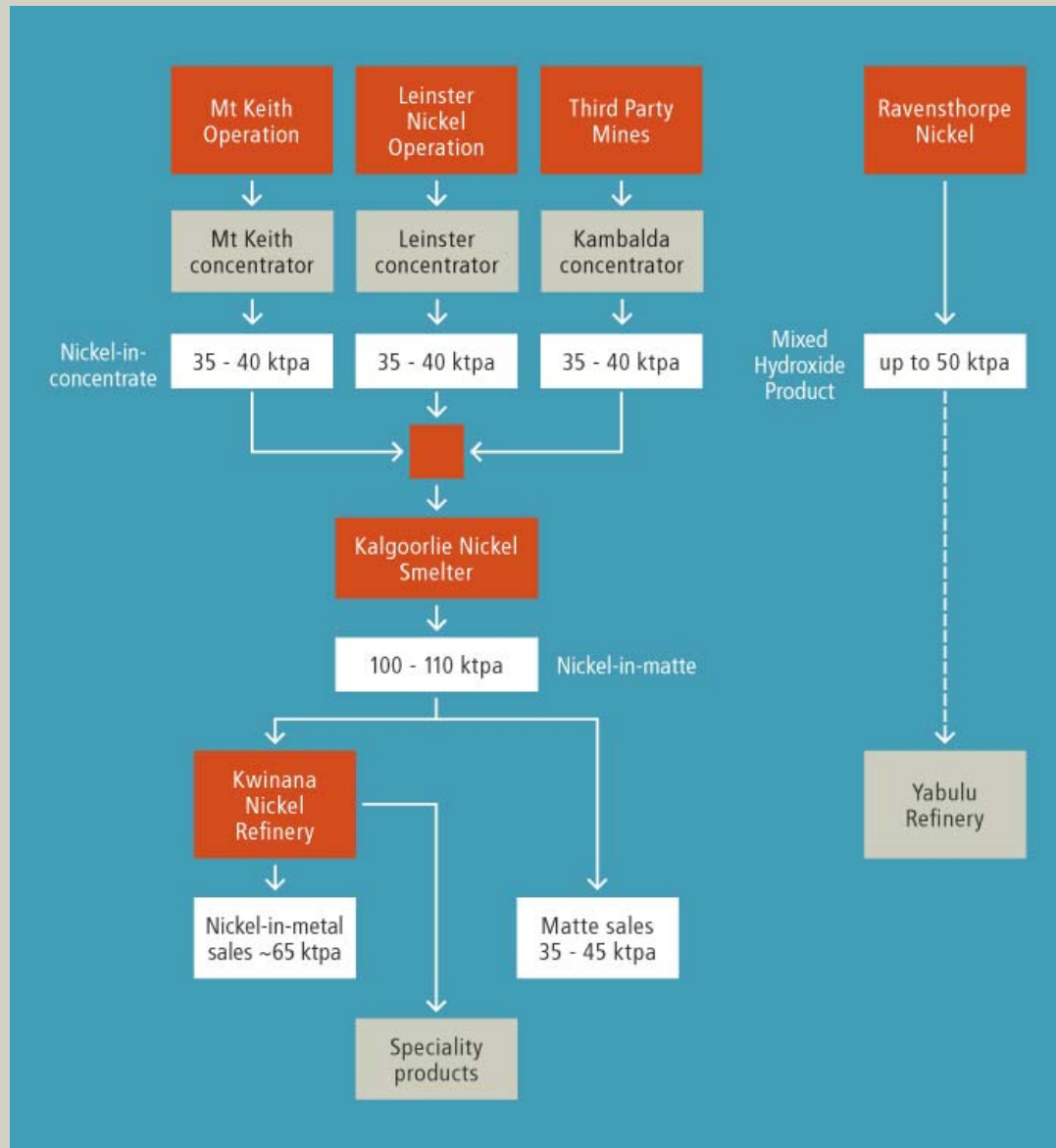
KNR performance - Zero Harm

Nickel Hygiene Study

- Committed to providing a safe place of work and take our responsibility to employee health seriously
- Voluntary nickel hygiene study to determine baseline levels for nickel exposure in site personnel
- 12 weeks and 405 employees and contractors participated
- Average result within exposure range for general population



Nickel West flowchart



Kwinana Nickel Refinery

- World's third largest producer of refined nickel
- Products highly sought on world markets
- Located on "Kwinana Strip", 30 kms from Perth in Town of Kwinana
- Kwinana industrial strip synergies
 - Proximity to key reagents/inputs
- Product exported via Fremantle Port



Kwinana Nickel Refinery

- Receives reliable feed source from Nickel West Smelter in Kalgoorlie
- World scale production facility using proven technology, the Sherritt-Gordon process
- Excellent infrastructure, access to gas/power
- Labour
 - Close to metropolitan area for supply
 - Residential workforce
- Strong community reputation
- No solid/liquid waste
 - Markets developed for all intermediate and waste products



KNR products

Nickel metal

- ~ 65,000 t/a
- LME briquettes and nickel powder
- 26 customers in Europe, Asia, North America

Copper sulphide

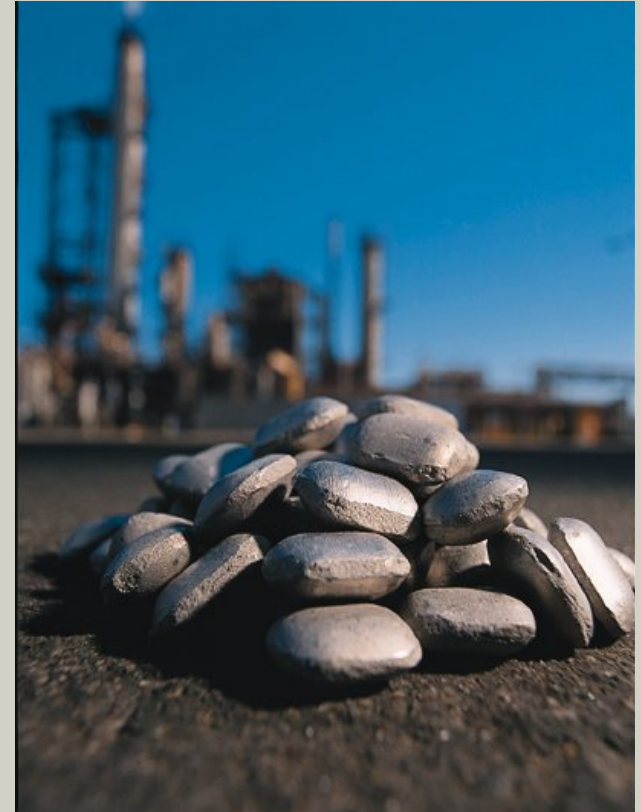
- ~ 4,500 t/a
- 60% copper, 35% sulphur
- sold to Japanese refinery

Mixed sulphides

- ~ 3,500 t/a
- 24% nickel, 30% cobalt, 32% sulphur
- toll refined in Europe, sold by BHP Billiton

Ammonium sulphate

- ~ 180,000 t/a
- 21% nitrogen
- sold to fertiliser manufacturers



KNR Strategy – Three Horizons

Relentlessly pursue the basics

(Reduce Injuries & Increase asset utilisation)

Zero Harm

Engaged workforce

Producing premium LME product

Increased reliability

Targeted capital investment

Built to Last

Safe, low cost operation

Zero Harm

Every injury is preventable

Leader in risk management

Building long term win-win contractor relationships

World class costs ¢/lb

Intermediate product margin improvement

Create the future

Low cost de-bottlenecking

Low cost capacity increase

SSM synergies

KNR performance - Business Excellence

“Go for Green” initiative in place, focus on

- Zero Harm
- Volume
- Costs

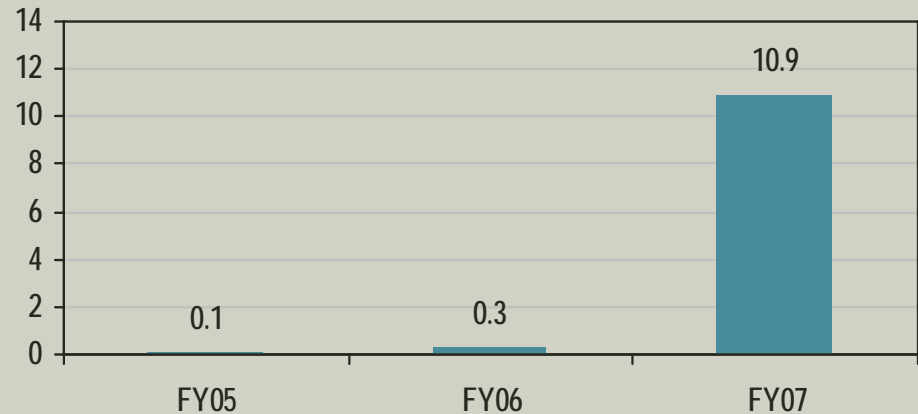
Case Study

- The KNR Residue Larox Filter Optimisation project
- Optimising filtration cycle times to enable the refinery to process increased levels of iron in matte feed.
- Increased average utilisation for filters from 67% to 89%, prevented loss of 550 Ni tonnes.

Margin Improvement

- Metal premiums remain strong
- Intermediate products – maximising production of valuable commodities

Benefits Realised (Annualised US\$M)



KNR performance - Zero Harm – Amsul Unit

Before



After improvement



KNR summary

- Zero Harm is our core value
- We operate a world class asset and a world class process
- We are building and retaining a talented workforce
- We are applying Business Excellence to our operations
- We focus on margin maximisation



Open discussion

