Barra Resources Limited

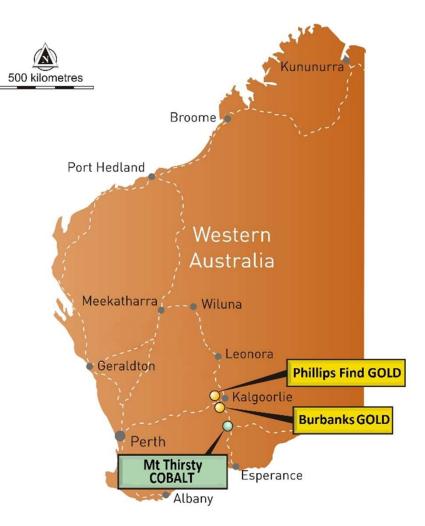
Mt Thirsty Cobalt-Nickel moves to PFS RC Drilling to Commence at Burbanks Gold



Sean Gregory
Managing Director & CEO
Paydirt Battery Minerals Conference
15 March 2018

Key Messages

- Barra's dual commodity strategy
 - Mt Thirsty <u>Advanced</u> Cobalt-Nickel Oxide Project
 - Coolgardie Gold Projects
- Best mining location in WA's Goldfields
 - Stable and ethical jurisdiction
 - Excellent access and infrastructure
 - Skilled local workforce
- Cobalt Market Dynamics
 - Inelastic demand
 - Scarce supply
 - Strategic partnering opportunities
- Active development program for 2018
 - Pre Feasibility Study for Mt Thirsty
 - Gold drilling at Main Lode committed for Q2



Corporate Overview

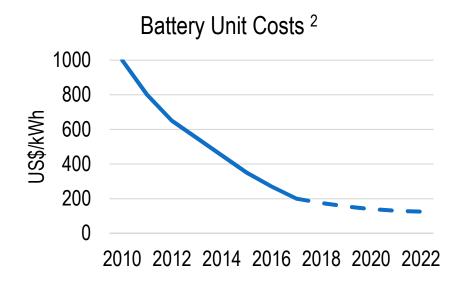


- 473M shares outstanding
- Market cap \$21.3m @ 4.5c
- Cash \$2.4M
- Shareholders
 - FMR Investments Pty Ltd 17.3%
 - >3000 Other shareholders
- Experienced board and management
 - Gary Berrell, Chairman
 - Sean Gregory, MD & CEO
 - Grant Mooney, NED & Co Sec
 - Jon Young, NED
 - Gary Harvey, Exploration Manager



Electric Vehicles To Drive Demand

- Automakers committed to quantum shift ¹
 - China mandates 12% EVs by 2020
 - India mandates 100% EVs by 2030
 - Volvo 100% EVs and Hybrids from next year
 - Volkswagen 2-3 M EVs per annum by 2025
 - Ford will invest US\$11 Bn by 2022
 - GM 1,000,000 EVs by 2026
 - BMW 100,000 EV sales achieved in 2017
 - Tesla Innovation leader
- EV battery unit costs to reach parity with Internal Combustions Engines at US\$100/kwh
- Yet cobalt component currently comprises <2% of economy Tesla Model 3 price therefore cobalt demand inelastic

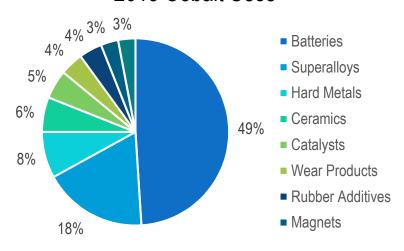






Solid Base of Established Demand

2015 Cobalt Uses 1



- Long Term Real US\$/t Cobalt Price ²
- \$200,000 \$100,000 \$50,000 RRA URCES \$0 VICES \$0 VICES \$0 VICES VIC

- Half of current cobalt consumption is batteries
- Many other established uses for Cobalt
- No substitutes for established uses
- The most recent increases in cobalt prices are NOT out of step with 100 year historical real prices.

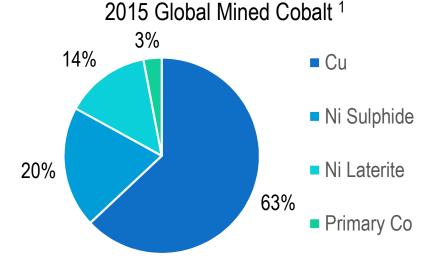
Today's price c. US\$84,000/t

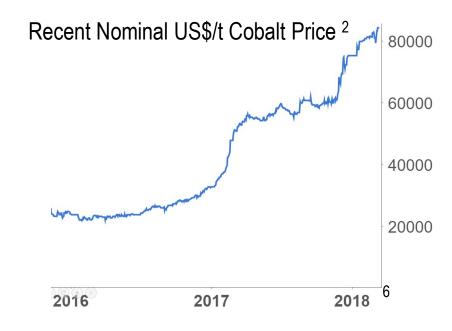
¹ Ecobalt, Citi Research

² US Geological Survey

Cobalt Supply is Scarce

- >97% of cobalt is mined as a by-product
- Most new supply requires increased copper and nickel prices to justify investment, therefore supply also inelastic
- HPAL capital cost is a barrier to entry for other Australian nickel laterite projects







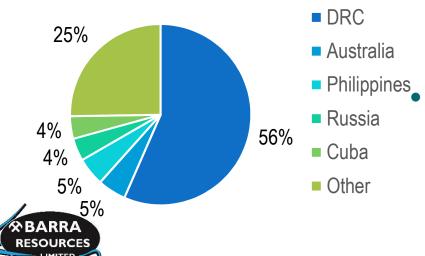
¹Darton Consulting, Canaccord Genuity Research

² Trading Economics

Sustainable Supply



2016 Global Cobalt Mine Production¹



- 56% of cobalt mined from DRC ¹
- 20% of this is from 110,000 150,000 Artisanal Miners ²
- 80 fatalities reported annually; many unreported ²
- 40,000 children work in DRC mines for A\$1-3/day ³
- Multinational companies will be increasingly seeking to trace their cobalt supply to sustainable sources
- Jan 2018 DRC Parliament enacts super-profits tax
 - 50% tax on profits if price rises 25% above BFS assumption
 - Royalty to increase from 2% to 10% if a "strategic mineral"
 - Cobalt likely to emerge as a strategic metal as battery and auto makers seek secure and ethical supply

¹ SNL Mine Economics cited by Canaccord Global Equity Research May 2017

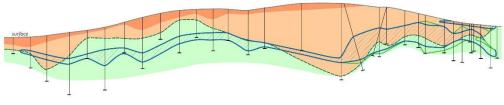
² Amnesty International Report "This Is What We Die For" January 2016

³ 2014 UNICEF Factsheet "Enfants Dans Les Mines" December 2014

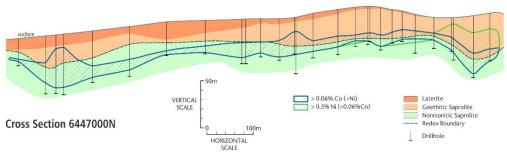
Mt Thirsty Co-Ni Mineral Resource 1

- 50/50 JV with Conico Limited
- Best location 14 km from established infrastructure at Norseman in Western Australia's Goldfields
- Low Strip Ratio (LOM 1.5:1)
- Deep weathering has cobalt in asbolane mineral easily liberated by agitated atmospheric leaching
- Soft and friable minimal blasting and crushing
- Cobalt grade is double that of most nickel laterites
- Additional resource abutting the north of the tenement owned by Mark Creasy

Category	Tonnes	Co %	Ni %	Mn %
Indicated	16.6 Mt	0.14	0.60	0.98
Inferred	15.3 Mt	0.11	0.51	0.73
Total	31.9 Mt	0.13	0.55	0.86



Cross Section 6447400N



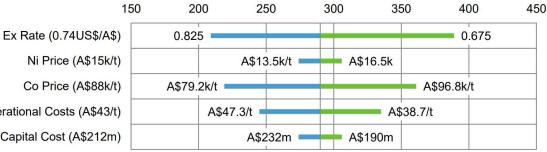


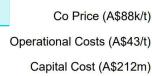
Mt Thirsty Scoping Study 1

Parameter	Value		
NPV ₈	A\$ 290 M		
Co Price	US\$ 72,000 /t		
Ni Price	US\$ 15,500 /t		
USD:AUD FX	0.74		
Co Recovery	73 %		
Ni Recovery	21.5 %		
Capital Cost	A\$ 212 M incl A\$ 34 M contingency		
Operating Cost	A\$ 43 /t		
Feed Rate	1.5 Mtpa		
MSP Product	6,000 tpa		
Life of Mine	21 Years		

- Many iterations of design over many years
- Appropriately conservative assumptions
 - Spot cobalt price now US\$84,250 = A\$106,600
 - 10% higher than the high case in the study
- The results are robust and provide a very solid base case to launch into the next stage
- Opportunities to significantly increase Co and Ni recoveries with alternative simple flowsheets

MTJV Sensitivity Analysis NPV A\$m







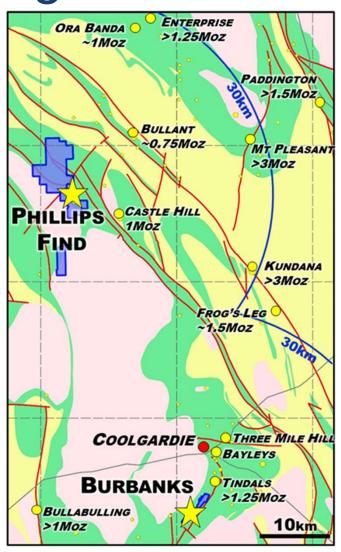
2018 Pre Feasibility Study

- Tenders invited from top tier engineering houses
- Optimise flowsheet for maximum recovery
 - Scoping Study SO₂ preferred reagent
 - Addition of H₂SO₄ acid to be tested
 - Other flow sheet options
- Mine Plan optioneering
 - Maximise in-pit tailings
 - Optimise throughput rate
 - Value driven cut off strategy
- Future strategic partners can "choose their own adventure"





Coolgardie Gold Projects



- Multi-million ounce gold camps within 30km radius
- Over 420,000 oz Au mined since 1885
- Strategic review identifies high priority targets:
 - Main Lode Extensions Brownfields RC
 - Kangaroo Hills RC to follow up AC results
 - Burbanks North AC to extend oxide
 - Phillips Find Truth Greenfields AC
- Drilling campaigns planned throughout 2018

AC = Air Core Drilling – economic first pass drilling, limited to softer near surface weathered rocks, targeting oxide mineralisation or to identify pathways to deeper mineralisation.

RC = Reverse Circulation Drilling - high quality samples, deeper capability

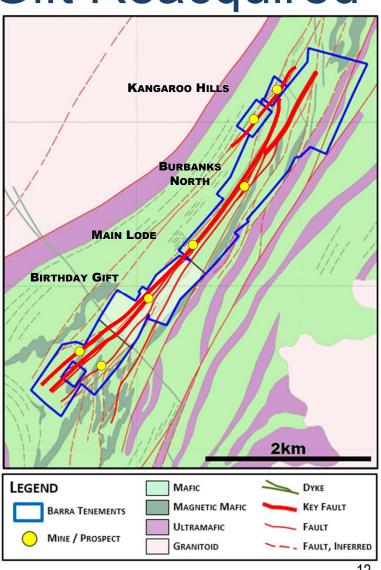


Burbanks - Birthday Gift Reacquired

- Birthday Gift produced at 27.4g/t average, one of the richest goldmines in WA.
- Nov 2017 re-acquisition of Birthday Gift gives Barra 100% ownership of entire **Burbanks Gold Project**
- Birthday Gift comes with JORC 2012 Resources and established underground development

	Category	Tonnes	Au g/t	Au Oz
Christmas Open Pit	Indicated	5,700	6.2	1,100
	Inferred	4,000	7.8	1,050
Birthday Gift U/G	Indicated	180,000	6.0	34,750
	Inferred	325,000	5.6	58,500
	Total	514,700	5.7	95,400





Burbanks - Main Lode Interrupted

- 85,900 Oz Au mined 1885-1913
- Main Lode mining interrupted prematurely with outbreak of WW1
- 1940s WMC Level 7 back sampling
 - 160m @ 16.1g/t average width 0.4m
 - Never mined
- Mining at Birthday Gift and Phillips
 Find has since been for opportunistic cash flow (e.g. GFC)
- Barra is now well funded and strategically informed to systematically explore these projects



F. R. Dawson, photo.)

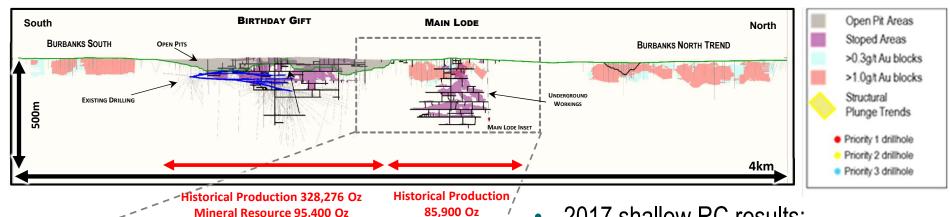
GROUP OF MINERS, BURBANKS MAIN LODE GOLD MINI

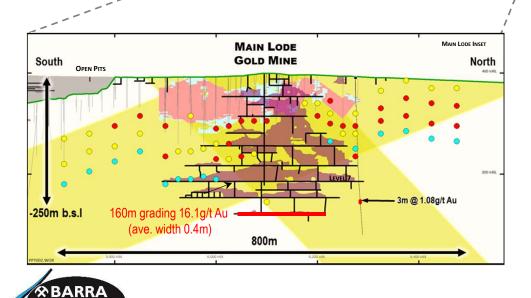






Burbanks - Reawakening the Main Lode



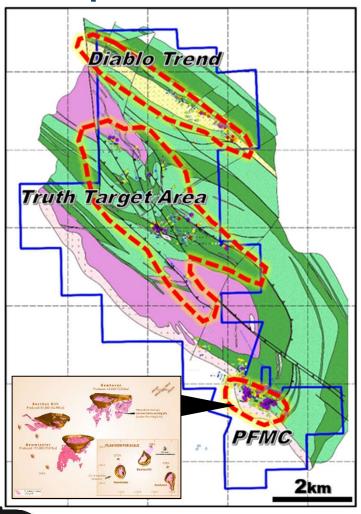


RESOURCES

2017 shallow RC results:

- 11.0m @ 5.70g/t Au from 44m
- 5.0m @ 9.62g/t Au from 33m
- 5.0m @ 8.65g/t Au from 37m
- 5.0m @ 3.70g/t Au from 44m
- 5.0m @ 3.29g/t Au from 82m
- 4.0m @ 4.26g/t Au from 27m
- 3.0m @ 11.66g/t Au from 66m, and
- 3.0m @ 6.48g/t Au from 47m
- 4000m deeper RC drilling to commence in Q2 2018

Phillips Find – Greenfields Potential

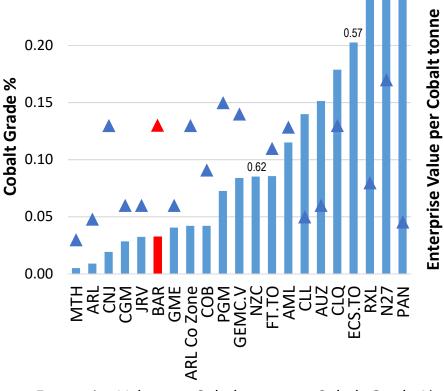


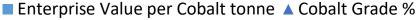
- Successful mining campaigns in 3 open pits from 1995-2015 extracted 33,000 oz Au from Phillips Find Mining Centre (PFMC)
- Tenement package largely at an early stage of exploration away from PFMC
- Structural mapping identifies 8 stacked thrusts over a 6km strike length at Truth
- New multi-element auger geochemical sampling identifies targets at Diablo
- PFMC underground potential poorly tested

Value Proposition

- Mt Thirsty is a real high grade project positioned at the steep part of the project development curve
- Scoping study capital estimate A\$212 M very affordable compared to HPAL alternative
- News flow planned throughout 2018
 - Regular exciting gold drilling results
 - Mt Thirsty PFS progression
 - Further EV and cobalt market development
 - Mt Thirsty strategic partnering opportunities
- Great value investing

Listed Cobalt Mine Developers¹







² Ev / Co t = (Share Price x Shares – Cash + Debt) / Resource tonnes x Cobalt Grade

Disclaimer and CP Statements

Competent Persons Statement

The information in this report which relates to Exploration Targets, Exploration Results and Mineral Resources for the Phillips Find and Burbanks Projects is based on and fairly represents information compiled by Mr Gary Harvey who is a Member of the Australian Institute of Geoscientists and a full-time employee of Barra Resources Ltd. Mr Harvey has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Harvey consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report which relates to the Mt Thirsty Oxide Deposit Mineral Resource is based on information compiled by Mr Alan Miller, a Competent Person and former full time employee of Golder Associates Pty Ltd, who is a member of the Australasian Institute of Mining and Metallurgy. Mr Miller has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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). Mr Miller consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

Forward Looking Statements Disclaimer

This report contains forward-looking statements that involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this report. No obligation is assumed to update forward-looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

