



ASX QUARTERLY REPORT

QUARTER ENDING 31 DECEMBER 2020

ASX ANNOUNCEMENT

28 January 2021

BARRA RESOURCES LIMITED

A.B.N. 76 093 396 859

Corporate Details:

ASX Code: BAR
Market Cap: \$17.6M
@ 2.6c
Cash: \$1.2M

Issued Capital:

677M Ordinary Shares
38M Options

Substantial Shareholders:

FMR Group 14%

DIRECTORS

Chairman: Gary Berrell
Non-Exec: Grant Mooney
Non-Exec: Jon Young

PROJECTS

Mt Thirsty Co-Ni (50%)
Coolgardie Au (100%)

CONTACT DETAILS

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BURBANKS GOLD PROJECT

- Drilling at Main Lode extends high-grade zone down plunge by up to 200m.
- Best Results include:
 - 3.2m @ 8.7g/t Au from 160.6m
 - 2.7m @ 9.1g/t Au from 180.7m
 - 1.6m @ 14.52g/t Au from 139.4m
 - 7m @ 4.0g/t Au from 188m, and
 - 8m @ 2.3g/t Au from 238m
- Main Lode high-grade intersections consistent with historic mining grades and widths at both Main Lode and Birthday Gift underground mines which historically produced over 324,000oz @ 22.7g/t Au.
- Drilling continues to expand scale of mineralised system between Main Lode and Burbanks North.
- Approval to mine open pits at Burbanks North and Fangjaw Deposits received from the WA Department of Mines, Industry Regulation and Safety (DMIRS).
- A Mining Proposal (MP) and a Project Management Plan (PMP) for underground mining at Main Lode was submitted to DMIRS for approval. Both the MP and PMP are currently under assessment by DMIRS.

PHILLIPS FIND GOLD PROJECT

- Approval received for air core drilling targeting the Diablo Trend. Drilling scheduled to commence February 2021.
- Planning for reverse circulation and diamond drilling at the Phillips Find Mining Centre in progress. Drilling scheduled to commence following the completion of air core drilling at Diablo.

MT THIRSTY COBALT NICKEL PROJECT

- Demand for cobalt, mainly driven by the EV sector, had a strong finish in Q4 2020. Benchmark Mineral Intelligence expects demand to continue to rise into 2021. Barra well placed to capitalise on this with Mt Thirsty being Australia's most advanced genuine cobalt project with a Pre-Feasibility Study (PFS) published in March 2020.
- Native Title Negotiations with the Ngadju Traditional Owners is at an advanced stage.

CORPORATE

- As at the end of the quarter, Barra has \$1.2M in cash.

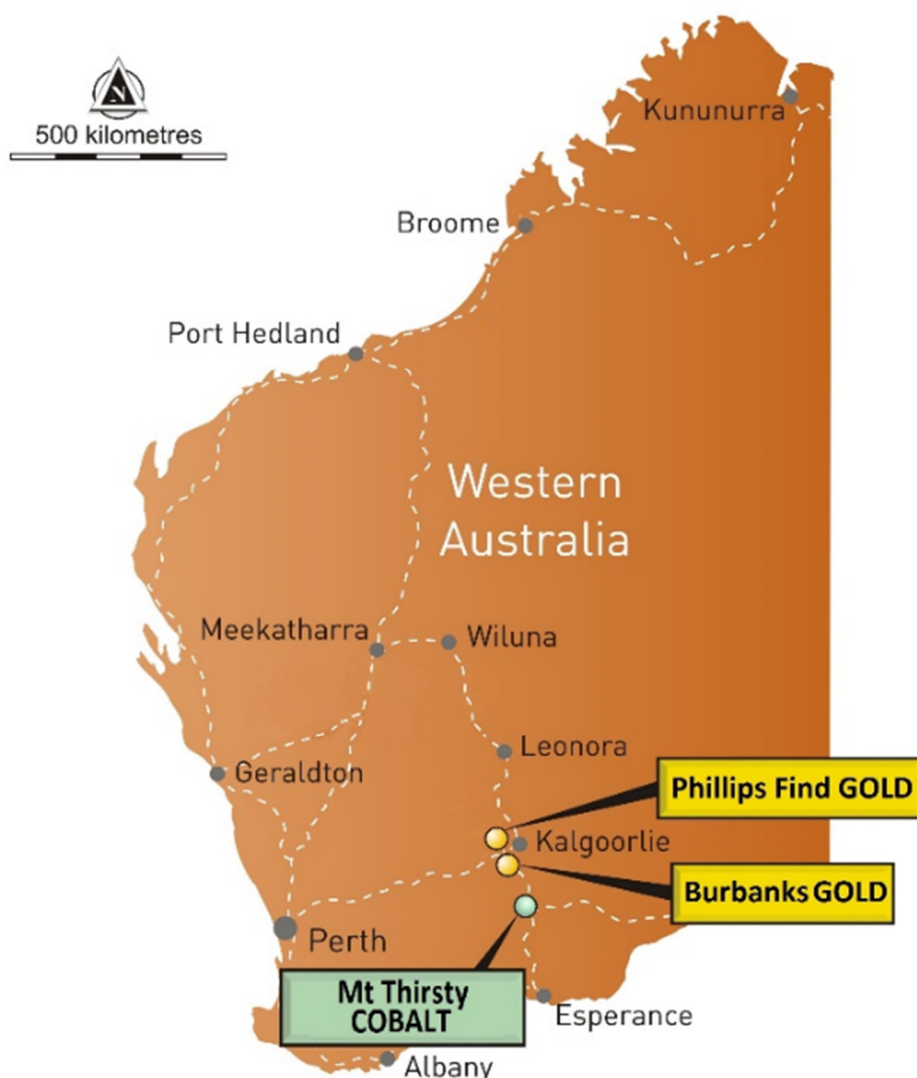
BURBANKS GOLD PROJECT

(100% Barra)

ABOUT BURBANKS

Barra Resources Limited's (Barra, the Company) 100% owned Burbanks Gold Project is located just 9 km south of Coolgardie in Western Australia.

The Burbanks Mining Centre comprises the Birthday Gift and Main Lode Gold Mines (Figure 1). The recorded historic **underground** production at Burbanks (1885-1961) totalled 444,600t at 22.7g/t Au for 324,479oz predominantly from above 140m below the surface. Intermittent open pit and underground mining campaigns between the early 1980's to present day has seen total production from the Burbanks Project now exceed 420,000oz.



Barra Project Location Plan.

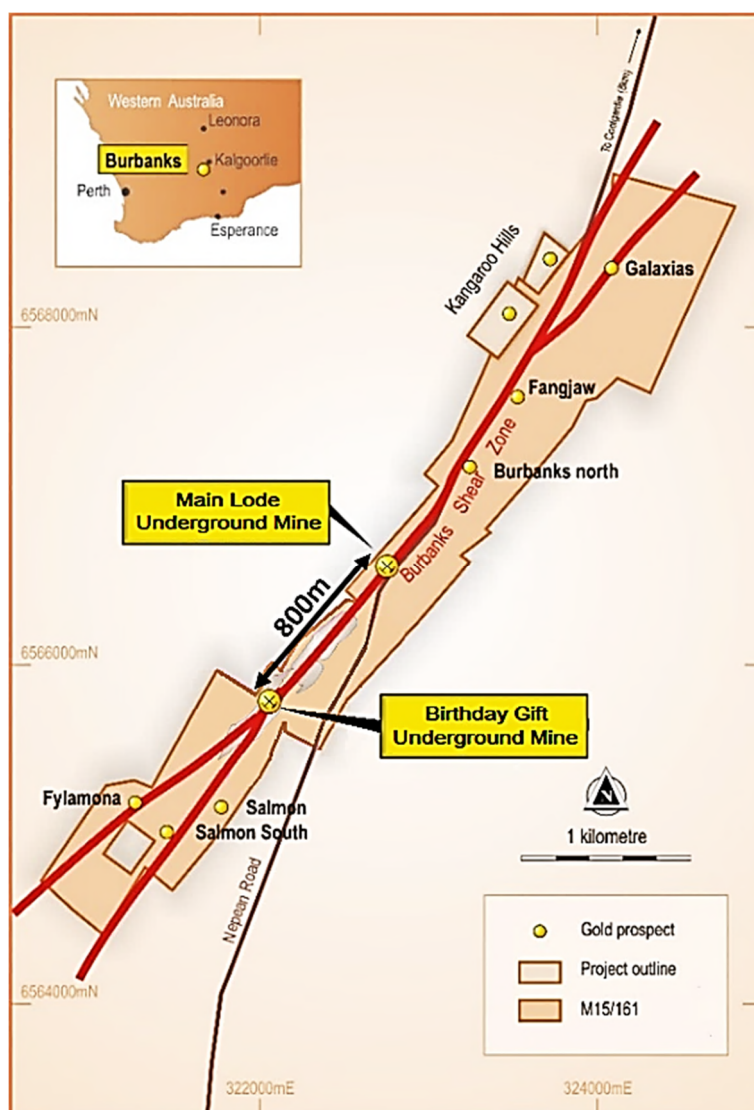


Figure 1 - Burbanks Location Plan.

Mineral Resources

JORC 2012 compliant Mineral Resource are estimated as 145,700 ounces of gold at Burbanks (Table 1).

Deposit	cut-off g/t Au	Indicated			Inferred			Total			Refer ASX: BAR
		kt	grade g/t Au	oz	kt	grade g/t Au	oz	kt	grade g/t Au	oz	
Christmas Open Pit	1.0	5.7	6.2	1,100	4.0	7.8	1,050	9.7	6.9	2,150	23/9/19
Birthday Gift U/G	2.5	180	6.0	34,750	325	5.6	58,500	505	5.7	93,250	23/9/19
Main Lode	1.0	106	2.8	9,700	254	2.5	20,200	360	2.6	29,900	30/10/18
Burbanks North	1.0				360	1.8	20,400	360	1.8	20,400	2/8/19
Total	1.0/2.5	291	4.9	45,550	943	3.3	100,150	1235	3.7	145,700	

All tonnages reported are dry metric tonnes. Minor discrepancies may occur due to rounding to appropriate figures.
For full details of the Mineral Resources refer to ASX announcements as tabulated.

Table 1 - Burbanks Global Mineral Resources.

ACTIVITIES

Drilling

Main Lode

Drilling at Main Lode was completed during the quarter (ASX: BAR Release dated 13 January 2021). The program consisted of 15 holes to follow-up encouraging Reverse Circulation (RC) drill results from 2019 (ASX: BAR Release dated 12 December 2019) where significant gold mineralisation was intersected at depth and along 600m of prospective strike between the historic Main Lode underground mine and the Burbanks North deposit (Figure 2).

Nine (9) diamond holes tested two important targets, the down-plunge extension to a high-grade zone of mineralisation at Main Lode (north side of the Main Lode Shaft) and a New Zone of mineralisation defined by two previous RC holes drilled in 2019, 350m along strike to the north of Main Lode. Six (6) RC pre-collars will be extended with diamond drilling as part of a planned Stage 2 drilling program scheduled for Q2 2021.

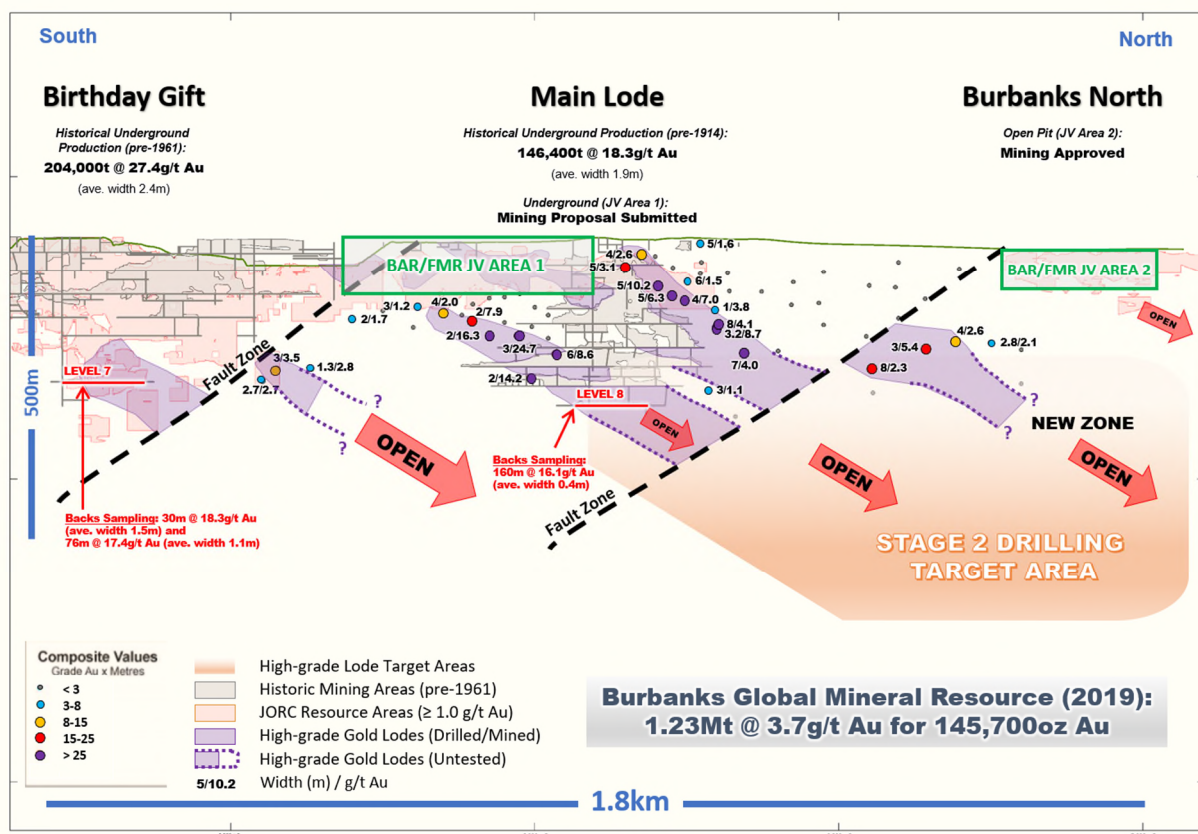


Figure 2 – Schematic long section of Birthday Gift – Main Lode – Burbanks North area showing Mineral Resources, historic mining areas, BAR/FMR JV areas, drill intersections outside of resource and mining areas, high-grade lode and potential extensions, and Stage 2 drilling area.

Significant intersections included:

BBDD020

- 3.2m @ 8.7g/t Au from 160.6m including 2.0m @ 13.2g/t Au from 160.6m

BBDD021

- 2.7m @ 9.1g/t Au from 180.7m including 1.1m @ 15.9g/t Au from 180.7m, and 0.4m @ 28.6g/t Au from 181.4m

BBDD020

- 1.6m @ 14.52g/t Au from 139.4m including 0.5m @ 45.1g/t Au, and

BBDD021

- 7m @ 4.0g/t Au from 188m including 0.5m @ 41.4g/t Au from 140.2m

BBDD028

- 8m @ 2.1g/t Au from 170m, and

BBDD032

- 8m @ 2.3g/t Au from 238m

The program was highly successful with the first 4 diamond holes defining and extending the targeted high-grade zone at Main Lode by up to 200m down-plunge. The most pleasing aspect of this drilling being the widths and grades intersected, confirming those historically mined at both Main Lode and Birthday Gift, in particular Level 8 at Main Lode where historic back sampling returned 160m grading 16.1g/t Au over an average width of 0.4m (Figure 3).

This is a real confidence booster in the greater Burbanks mineral system and provides the impetus for the Company to accelerate drilling programs accordingly. The Company is confident mineralisation will continue to extend at depth and is planning to continue drill testing below the existing mine workings (i.e., Level 8) commencing Q2 2021.

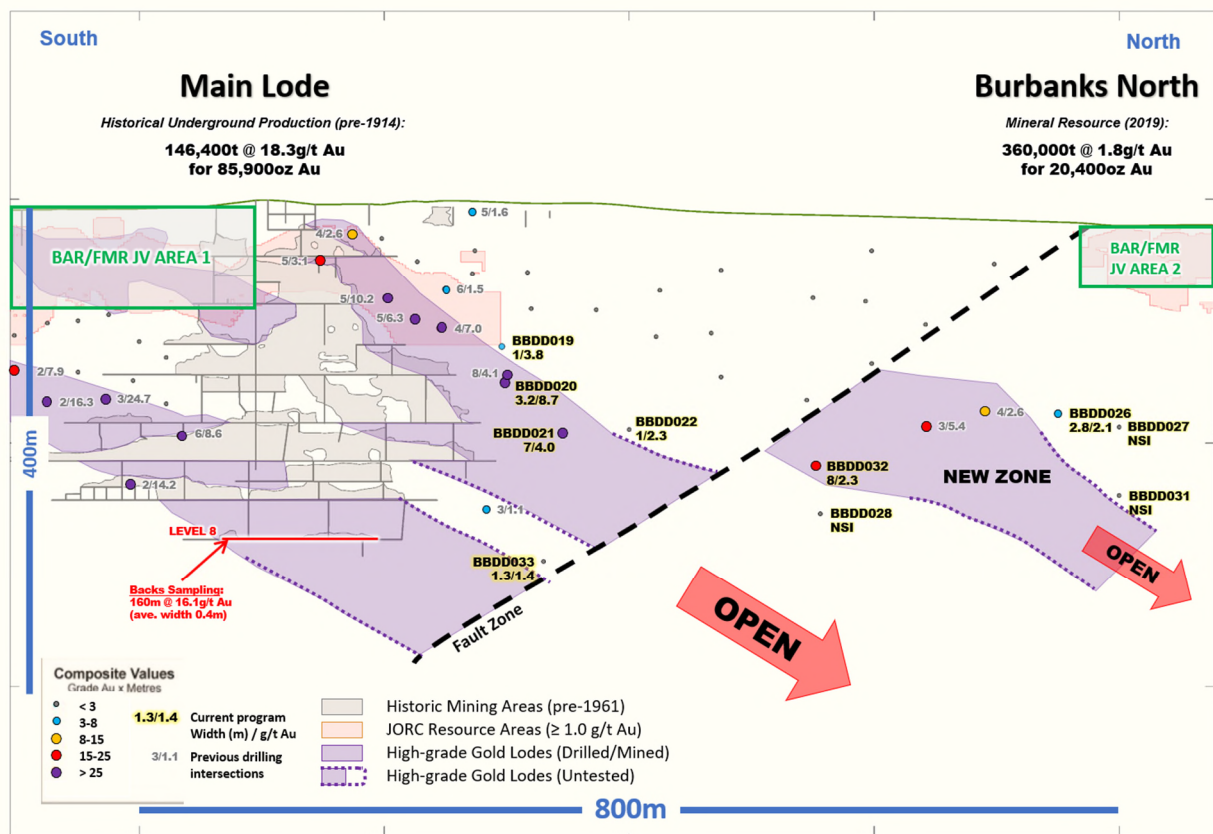


Figure 3 - Schematic long section of Main Lode area showing Mineral Resources, historic mining areas, BAR/FMR JV areas, NEW drill intersections, high-grade lode and Stage 2 drilling area to continue targeting further high-grade lode extensions.

Next Steps

The Company's immediate focus at Burbanks is to continue testing the area between Main Lode and Burbanks North. Strategically, this is integral to our near-term mining plans with mining partner FMR Investments aiming to commence mining at Main Lode in 2021. It is extremely positive that Barra continues to define new areas which can be potentially accessed from existing mining infrastructure at Main Lode.

Mining Proposals

Burbanks North

The Company received approval to mine open pits at Burbanks North and Fangjaw during the period from the Department of Mines, Industry Regulation and Safety (DMIRS; WA Mines Department) (Figure 4).

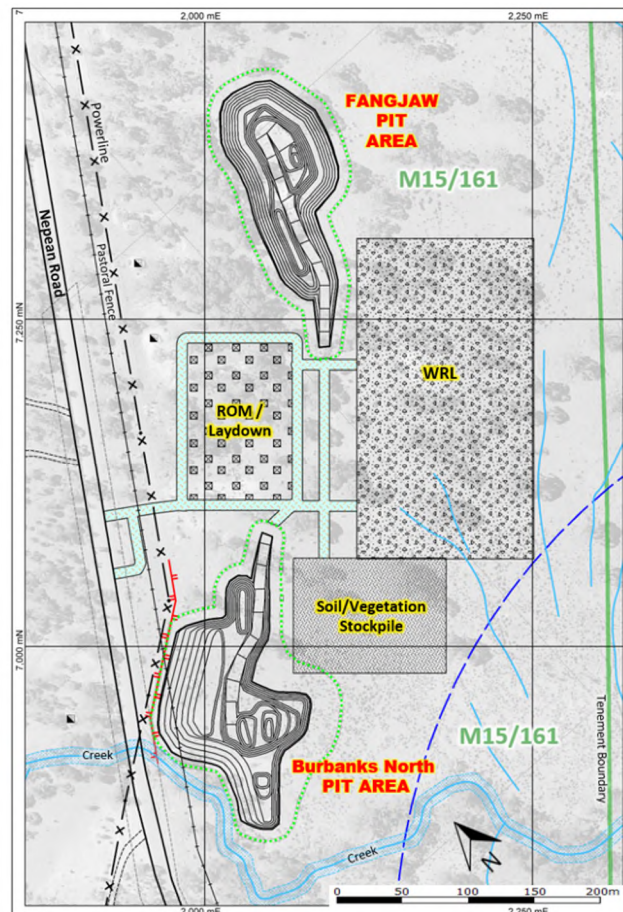


Figure 4 – Approved mine layout at Burbanks North and Fangjaw.

Exploration and mining joint venture partner FMR Investments Pty Ltd (FMR) may now elect to mine the Burbanks North Deposit (an 'Initial Licence Area') subject to the terms of the Exploration and Mining Joint Venture Agreement (JV Agreement) (refer ASX:BAR Release dated 30 April 2020). Should FMR elect to proceed with mining, it will be at FMR's sole discretion as to the timing of commencement to fit in with its current mining activities at its wholly owned projects. Under the terms of the JV Agreement, if FMR elect to proceed with mining, they will carry all mining and financial risk.

The Fangjaw Deposit, 200m north of Burbanks North, is not subject to the JV Agreement. Therefore, should FMR wish to mine the Fangjaw Deposit, an amendment to the JV Agreement will be required.

It is hopeful however that open-pit mining at Burbanks North will tie in with planned underground mining at Main Lode (an 'Initial Licence Area').

Main Lode

The Company submitted a new Mining Proposal (MP) for proposed underground mining at Main Lode during the period. DMIRS are currently assessing the MP and the Company is hopeful approval is received Q1 2021.

Being an Initial Licence Area, pursuant to the JV Agreement FMR have also submitted a Project Management Plan to DMIRS for approval.

The Main Lode MP proposes to mine up to 85,000 tonnes of ore at ~3 g/t Au from the first 2 levels between the historic Main Lode underground mine and the existing Christmas Pit. This will be a trial mining exercise with narrow-vein mining methods employed (i.e., minimum mining width of 1.5m).

Barra anticipates mining to commence as soon as possible after all statutory approvals have been granted. However, like Burbanks North, this will be subject to FMR's election and existing mining and processing schedule.

The proposed underground operation will be divided into three different phases of the operation life, with each phase going forward depending on the outcomes of the previous phase as follows:

- Phase 1 will involve the development of a short decline from the Christmas Pit, an ore drive heading north towards the historic Main Lode shaft, and several stopes.
- Phase 2 involves the extension of the decline and establishment of a drill platform to better define the orebody down dip towards the historic Main Lode Level 8.
- Phase 3 involves the development of another 8 levels and multiple stoping fronts.

PHILLIPS FIND GOLD PROJECT

(100% Barra)

ABOUT PHILLIPS FIND

Barra's 100% owned Phillips Find Gold Project is located 50km north of Coolgardie Western Australia.

The project covers over 10 kilometres in strike of prospective greenstone stratigraphy and includes the Phillips Find Mining Centre (PFMC) where approximately 33,000oz of gold was produced between 1998 and 2015 from three open-pit operations; Bacchus Gift, Newhaven and Newminster. Exploration potential within the project is excellent with numerous targets defined by auger geochemical anomalism, mapping and drilling.

ACTIVITIES

Drilling

Diablo Trend

Air core drilling is scheduled to commence at the Diablo Trend from February 2021 following approval from DMIRS during the period. 5,000m of air core drilling will be completed in two phases with phase 1 comprising broad spaced drilling over 4km of prospective strike along the Diablo Trend (Figure 5). Targeting gold mineralisation associated with the footwall and hangingwall contact of a felsic volcanoclastic unit, anomalous 'hot spots' will be followed up with a phase 2 infill drilling program followed by RC drilling if necessary, to test for deeper bedrock mineralisation.

Phillips Find Mining Centre

Planning for a RC and diamond drilling program at the Phillips Find Mining Centre is in progress. Approximately 3,000m of drilling will further test deeper extensions to open mineralisation primarily beneath the Newminster Deposit ahead of a JORC compliant resource estimation and proposed underground mining study.

Drilling is scheduled to commence following the completion of air core drilling at Diablo.

DIABLO STRUCTURAL TREND

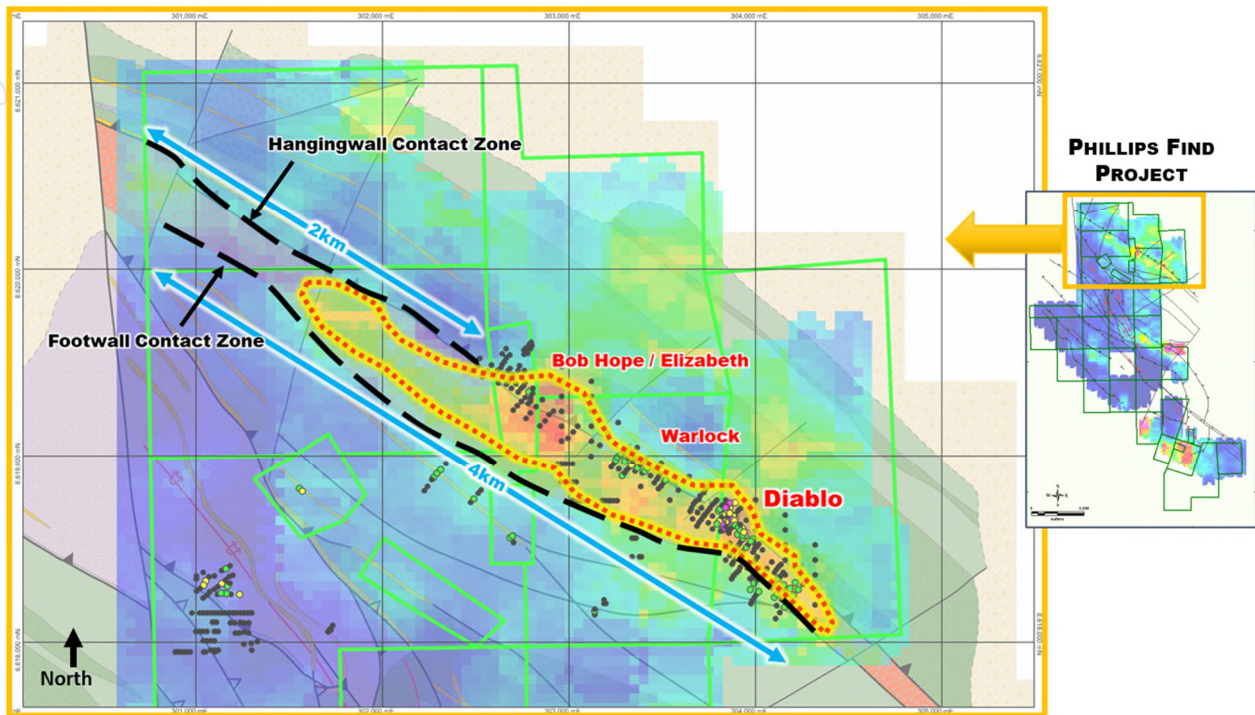


Figure 5 – Diablo Trend to be tested by air core drilling.

MT THIRSTY COBALT-NICKEL PROJECT

(50% Barra, 50% Conico – Mt Thirsty Joint Venture, MTJV)

ABOUT MT THIRSTY

The Mt Thirsty Cobalt Project is located 16km north-northwest of Norseman, Western Australia.

The Project contains the Mt Thirsty Cobalt-Nickel (Co-Ni) Oxide Deposit (Table 2) that has the potential to emerge as a significant cobalt producer. In addition to the Co-Ni Oxide Deposit, the Project also hosts nickel sulphide (Ni-S) mineralisation.

JORC Category	Cut-off (Co%)	Dry Tonnes (Mt)	Co (%)	Ni (%)	Mn (%)
Mt Thirsty Main Indicated	0.06	22.8	0.121	0.53	0.79
Mt Thirsty Main Inferred	0.06	2.5	0.103	0.45	0.66
Mt Thirsty North Inferred	0.06	1.5	0.092	0.55	0.48
Total Mineral Resources	0.06	26.9	0.117	0.52	0.76
Mt Thirsty Probable Ore Reserve	~0.07	18.8	0.126	0.54	0.80

Table 2 - Mt Thirsty Mineral Resource and Ore Reserve estimates

Refer to ASX Announcements 9/9/2019 for full details of the Mineral Resource and 20/2/2020 for full details of the Ore Reserve.

The Pre-Feasibility Study (PFS) for the project was completed and announced to the ASX on 20 February 2020.

The direct project expenditure for the MTJV now reverts to a minimum while the partnering strategy is pursued as planned.

Cobalt Market Update

As recently as 25 January 2021, cobalt traded at a 52-week high of USD\$39,625 per tonne, a 40% rise from the year's low. Persistent rumours of the Chinese entering the restricted cobalt market to obtain long term supply contracts, coupled with 2020 being the first year of reduced production since 2016, has led to the price squeeze. The European battery electric vehicle market is booming. In 2020, Norway electric vehicle (EV) sales eclipsed 54 percent of all sales and are on track to achieve the government's target of 100 percent by 2025. Widespread European countries green economic recovery plans (many with legislated dictates) will further enhance cobalt demand being a required input for the battery manufacturers.

The spot lithium market has had a 50 percent price increase over the last 3 months, with expectations nickel and cobalt will follow that trend as all are part of the battery supply chain.

The incoming Biden administration has very publicly espoused a green environmentally biased broad based economic recovery plan. Details are yet to be released but the expectation is for legislated guidelines for emission reductions can only benefit battery production.

The Company is well placed to capitalise on the renewed demand for battery metals with Mt Thirsty being Australia's most advanced genuine cobalt project with a Pre-Feasibility Study (PFS) published in March 2020.

ACTIVITIES

Native Title

Native Title negotiations with the Ngadju Traditional Owners are at an advanced stage and no impediments to an agreement are anticipated.

CORPORATE

As at the end of the quarter, Barra has \$1.2M in cash.

This announcement is authorised by the Board.

Please refer to our website for background information on each of Barra's projects.

DISCLAIMER

The interpretations and conclusions reached in this report are based on current geological theory and the best evidence available to the authors at the time of writing. It is the nature of all scientific conclusions that they are founded on an assessment of probabilities and, however high these probabilities might be, they make no claim for complete certainty. Any economic decisions that might be taken based on interpretations or conclusions contained in this report will therefore carry an element of risk.

This report contains forward-looking statements that involve several 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.

COMPETENT PERSONS' STATEMENTS

Project and Discipline	JORC Section	Competent Person	Employer	Professional Membership
Coolgardie Gold Projects Geology	Exploration Results and Mineral Resources	Gary Harvey	Barra Resources Ltd	MAIG
Birthday Gift and Christmas Pit Resource Estimation	Mineral Resources	Richard Buerger	Mining Plus Pty Ltd	MAIG
Main Lode and Burbanks North Resource Estimation	Mineral Resources	Andrew Bewsher	BM Geological Services Pty Ltd	MAIG
Mt Thirsty Geology	Exploration Results and Mineral Resources	Michael J Glasson	Tasman Resources Ltd; Consultant to MTJV; holds shares in Conico Ltd	MAIG
Mt Thirsty Resource Estimation	Mineral Resources	David Reid	Golder Associates Pty Ltd	MAusIMM
Mt Thirsty Metallurgy	Exploration Results and Ore Reserves	Peter Nofal	AMEC Foster Wheeler Pty Ltd trading as Wood	FAusIMM
Mt Thirsty Mining	Ore Reserves	Frank Blanchfield	Snowden Mining Industry Consultants Pty Ltd	FAusIMM

The information in this report that relates to Exploration Results, Mineral Resources and Ore Reserves for the Mt Thirsty Cobalt-Nickel Project and Coolgardie Gold Projects is based on and fairly represents information compiled by the Competent Persons listed in the table above. The Competent Persons have sufficient relevant experience to the style of mineralisation and type of deposits under consideration and to the activity for which they are undertaking to qualify as a Competent Person as defined in the JORC Code (2012 Edition). For new information, the Competent Persons consent to the inclusion in the report of the matters based on their information in the form and context in which it appears. Previously announced information is cross referenced to the original announcements. In these cases, the company is not aware of any new information or data that materially affects the information presented and that the material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements.

APPENDIX 1 – TENEMENT LISTING

Tenement	Project	Location	Change in Interest (%) during Quarter		
			End of Quarter	Acquired	Disposed
E63/1267	Mt Thirsty	WA	50		
E63/1790		WA	50		
L63/80		WA	50		
L63/81		WA	50		
L63/91		WA	50		
P16/2045		WA	50		
R63/4		WA	50		
M15/161	Burbanks	WA	100		
P15/5249		WA	100		
P15/5412		WA	100		
M16/130	Phillips Find	WA	100		
M16/133		WA	100		
M16/168		WA	100		
M16/171		WA	100		
M16/242		WA	100		
M16/258		WA	100		
M16/550		WA	100		
P16/2785		WA	100		
P16/2786		WA	100		
P16/2985		WA	100		
P16/2986		WA	100		
P16/2987		WA	100		
P16/2988		WA	100		
P16/2989		WA	100		
P16/2990		WA	100		
P16/2991		WA	100		
P16/2992		WA	100		
P16/2998		WA	100		
P16/2999		WA	100		
P16/3037		WA	100		
P16/3038		WA	100		
P16/3039		WA	100		
P16/3040		WA	100		
P16/3041		WA	100		
P16/3042		WA	100		
P16/3043		WA	100		
P16/3084		WA	85		
P16/3085		WA	85		
P16/3086		WA	85		
P16/3087		WA	85		
P16/3088		WA	100		

APPENDIX 2 – ASX ANNOUNCEMENTS DURING THE QUARTER

- Burbanks High Grade Drilling Results, 13 January 2021
- Burbanks Exploration Update, 21 December 2020
- Ceasing to be a substantial holder from MIN, 18 December 2020
- Change in substantial holding from MIN, 15 December 2020
- Change of Director's Interest Notice, 23 November 2020
- Results of Meeting, 18 November 2020
- Expiry of Unlisted Options, 17 November 2020
- Proposed issue of Securities, 17 November 2020
- Approval to Mine Burbanks North, 3 November 2020
- Drilling Underway at Burbanks Gold Project, 30 October 2020
- Notice of Annual General Meeting, 19 October 2020
- AGM Summary Letter, 19 October 2020
- Proposed issue of securities, 8 October 2020
- Resignation of Director, 8 October 2020
- Drilling to re-commence at Burbanks, 1 October 2020