



BURBANKS GOLD PROJECT POSITIVE SCOPING STUDY

HIGHLIGHTS

- Scoping Study identifies shallow underground mining opportunity at Burbanks Mining Centre
- The Study considered Barra's Global JORC 2012 Indicated and Inferred Mineral Resource of 1.2Mt @ 3.7 g/t Au for 145,700 ounces of gold at Burbanks for potential mining
- Recent discoveries at the Main Lode Gold Mine and remnant Mineral Resources within the Birthday Gift Gold Mine emerged as the highest priority areas for potential mining
- The Study reinforces the value of Barra's exploration strategy which saw drilling step out and test virgin ground along the 800m strike length between the two high-grade and historically productive underground gold mines at Burbanks
- The Study leverages the existing infrastructure available on the site, in the town of Coolgardie only 5km to the north, and assumes toll milling at any one of several nearby mills
- No capital expenditure required other than modest working capital to fund underground development launched from existing open pit and underground workings
- Fast-track approvals pathway available to the project as it is on a pre-Native Title granted mining lease with some approvals already in place
- Given the proportion of Inferred Resources to Indicated Resources captured within the Study, full financial metrics of the Study have not been released to market (in accordance with regulatory requirements)
- Barra is investigating right-to-mine style partnering arrangements to realise cash-flow to assist funding of ongoing exploration and development of its gold and cobalt assets
- Aggressive 5,000m RC drilling campaign to commence in October 2019 aimed at extending the Mineral Resource at Main Lode and across the untested Main Lode - Burbanks North Gap

Barra's Managing Director and CEO Sean Gregory said, "We are pleased to have completed this Scoping Study which not only identifies the potential to realise cash flow from underground mining, but more importantly it reinforces the potential economic nature of our recent gold discoveries at Burbanks which remain open in all directions and vastly underexplored at depth. Especially considering their immediate proximity between two high-grade and productive gold mines separated by only 800m. We will be applying our recently advanced geological and economic understanding of the deposits to further drilling at Main Lode scheduled to begin next month."

ASX ANNOUNCEMENT

23rd September 2019

BARRA RESOURCES LIMITED

A.B.N. 76 093 396 859

Corporate Details:

ASX Code: BAR
Market Cap: \$11.1M
@ 2.1c
Cash: \$1.5M (Jun)

Issued Capital:

530.89M Ordinary Shares
38M Options

Substantial Shareholders:

FMR Investments 15.2%
Mineral Resources Ltd 10.6%

DIRECTORS

MD & CEO: Sean Gregory
Chairman: Gary Berrell
Non-Exec: Jon Young
Non-Exec: Grant Mooney

PROJECTS

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

CONTACT DETAILS

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CAUTIONARY STATEMENT

The Scoping Study referred to in this announcement has been undertaken to assess the potential for cash generating mining opportunities at the Burbanks Gold Project. It is a preliminary technical and economic study of the potential viability of the Burbanks Gold Project. It is based on low level technical and economic assessments that are not sufficient to support the estimation of ore reserves. Further exploration and evaluation work and appropriate studies are required before Barra will be in a position to estimate any Ore Reserves or to provide any assurance of an economic development case. The Scoping Study is based on the material assumptions outlined below. These include assumptions about the availability of funding. While Barra considers all of the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the Scoping Study will be achieved. To achieve the range of outcomes indicated in the Scoping Study, funding to cover working capital only will likely be required. Investors should note that there is no certainty that Barra will be able to raise the required of funding when needed. It is also possible that such funding may only be available on terms that may be dilutive to or otherwise affect the value of Barra's existing shares. It is also possible that Barra could pursue other 'value realisation' strategies such as a sale, partial sale or joint venture of the project. If it does, this could materially reduce Barra's proportionate ownership of the project. Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the Scoping Study.

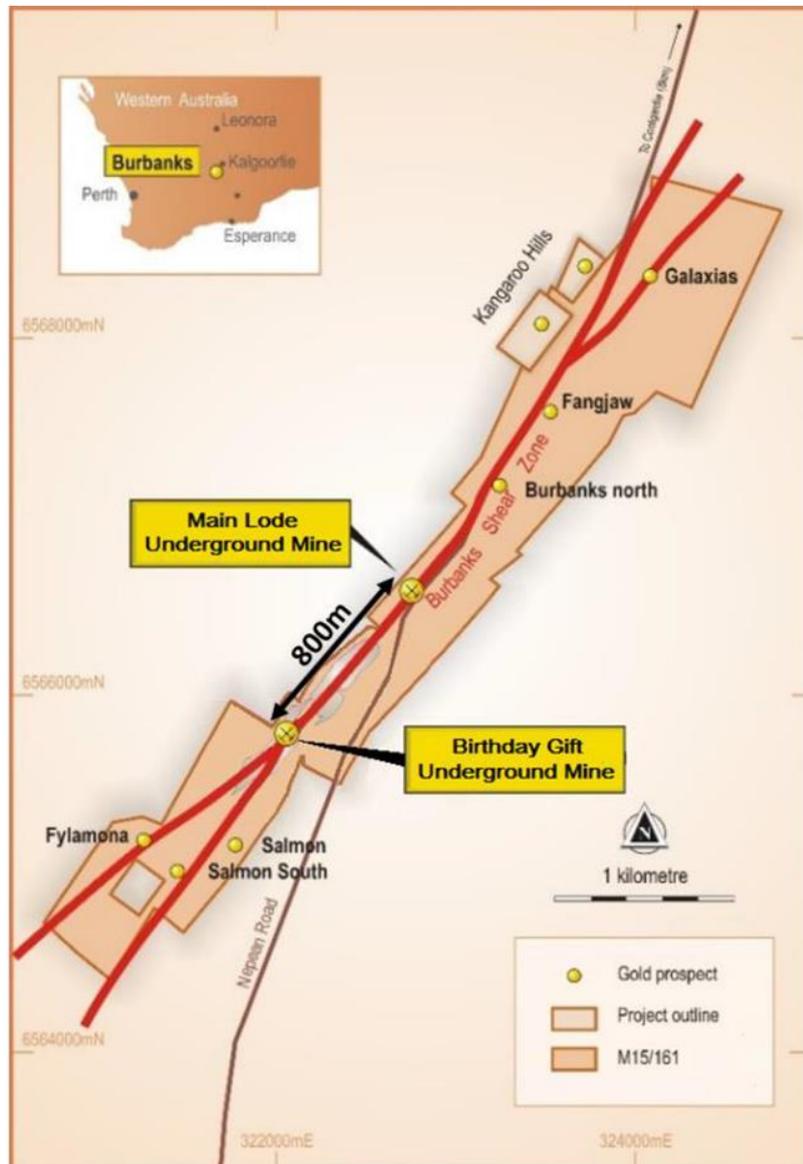


Figure 1 – Burbanks Location Plan



INTRODUCTION

Snowden Mining Industry Consultants Pty Ltd (Snowden) completed a Scoping Study of the Burbanks Gold Project (“Burbanks” or “the Project”) located 9km south of Coolgardie in Western Australia (Figure 1), owned by Barra Resources Limited (“Barra” or “the Company”). The Scoping Study identified the potential for shallow underground mining at the Birthday Gift and Main Lode Gold Mines.

BURBANKS GLOBAL MINERAL RESOURCE

Barra updated its global Mineral Resource in August 2018, with the reporting of the Burbanks North Mineral Resource. The total Indicated and Inferred Mineral Resource for the Burbanks Gold Project is 1.2 Million Tonnes (Mt) at 3.7 g/t Au for 145,700 ounces of gold (Table 1). The position of the Mineral Resource within the strike of the Project is shown in Figure 2.

Deposit	Cut-Off g/t Au	Indicated			Inferred			Total		
		kt	Grade g/t Au	Ounces	kt	Grade g/t Au	Ounces	kt	Grade g/t Au	Ounces
Christmas Open Pit	1.0	5.7	6.2	1,100	4.0	7.8	1,050	9.7	6.9	2,150
Birthday Gift Underground Mine	2.5	180	6.0	34,750	325	5.6	58,500	505	5.7	93,250
Main Lode Deposit	1.0	106	2.8	9,700	254	2.5	20,200	360	2.6	29,900
Burbanks North	1.0				360	1.8	20,400	360	1.8	20,400
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 Birthday Gift and Christmas Pit Mineral Resources, refer to ASX:BAR release earlier today. For full details of the Main Lode Resource, refer to ASX:BAR Release dated 30/10/18, and for Burbanks North 2/08/19

Table 1 – Burbanks Global Mineral Resource

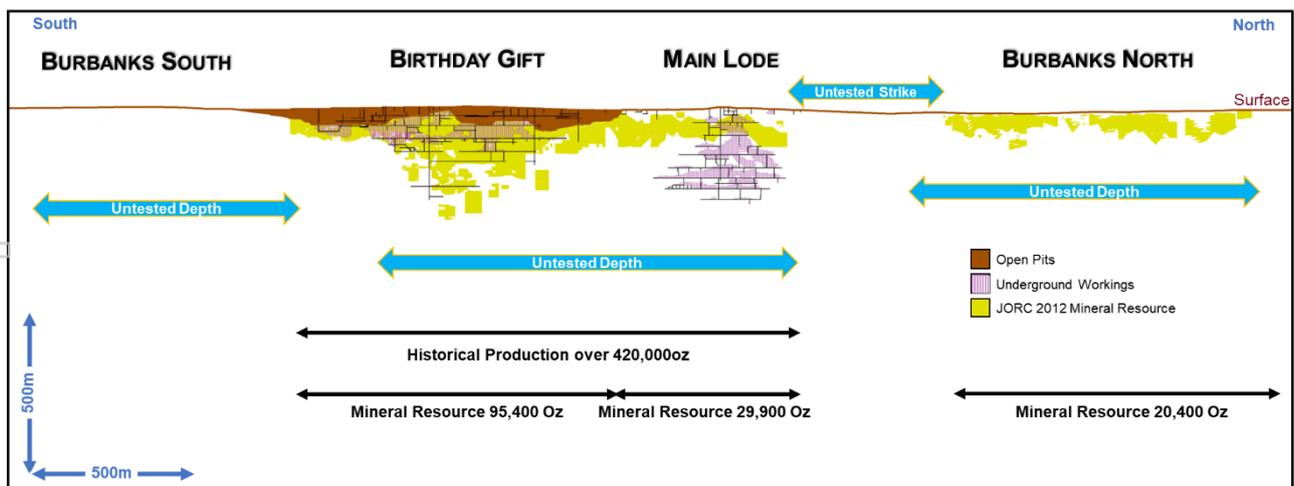


Figure 2 – Burbanks long section showing JORC Mineral Resource (≥ 1.0 g/t Au)



MINING STUDY

Optimisation of the available Mineral Resources at A\$2,000/oz gold price identified that underground mining was the preferred method over open-pit mining. Four areas were identified for shallow underground mining; the Hadfield and Dahmu lodes within the Birthday Gift Gold Mine and the areas North and South of the historic Main Lode Gold Mine (Figure 3).

Stopes were optimised at A\$2,000/oz using MSO software and designed at a minimum excavated mining width of 1.1m at a cut-off of 2.5 g/t Au. However, development was only designed to blocks with a grade above 3.0 g/t (diluted). Development was designed with a 5x5m portal and re-muck bays, 3.3x3.3m internal development and 2.7x3m ore drives.



Figure 3 – Long section showing areas identified for mining. Dahmu Lode shown in purple, Hadfield Lode in red and Main Lode in green (north and south of historic stoping shown in grey)

Within the areas identified for mining, Main Lode South and Dahmu Lode have a majority of Indicated Resources identified for mining. Main Lode North and Hadfield Lode however have a high proportion of Inferred Mineral Resources. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources. Given the proportion of Inferred Resources to Indicated Resources captured within the Study, full financial metrics of the Study have not been released to market (in accordance with regulatory requirements).

Initial production within the schedule focuses on quick wins in the Dahmu and Hadfield Lodes at the Birthday Gift Gold Mine. These areas are mined as quickly as possible to reduce equipment requirements. Later production focuses exclusively on the Main Lode Gold Mine.

Other lodes at Tailor, Eastern and Jesson within the Birthday Gift Mineral Resource may also be suitable for future mining, however these were excluded from this study as the focus on easily accessible ounces. The previous mine operator identified Dahmu and Hadfield as the priority target. Further potential exists in the other lodes to be the subject of later studies.

The proposed underground plan peaks at 17 units of equipment, 48 personnel, 70 kL/month of diesel and 25 t/month of explosives.

INFRASTRUCTURE

The Scoping Study considers the main granted Burbanks mining lease (M15/161). The approvals pathway for the project would be a relatively simple and expeditious variation to existing approved Mining Proposals for the project that remain on foot with the Western Australian Mines Department (DMIRS), as well as secondary operational permitting. The mining lease pre-dates Native Title and previous heritage surveys have been conducted.



The Project is bisected by the sealed Nepean Road which provides access to the entire Project area. Further access is made accessible via numerous pastoral tracks and fence lines.

During periods of previous mining, ore from Burbanks has primarily been carted to the Greenfields Milling Facility, 4 km east of Coolgardie. Other nearby options for milling facilities include the immediately adjacent Burbanks Mill, Three Mile Hill Mill and Lakewood Mill among others (Figure 4). The gold has been shown to be free milling with recoveries of 95% expected.

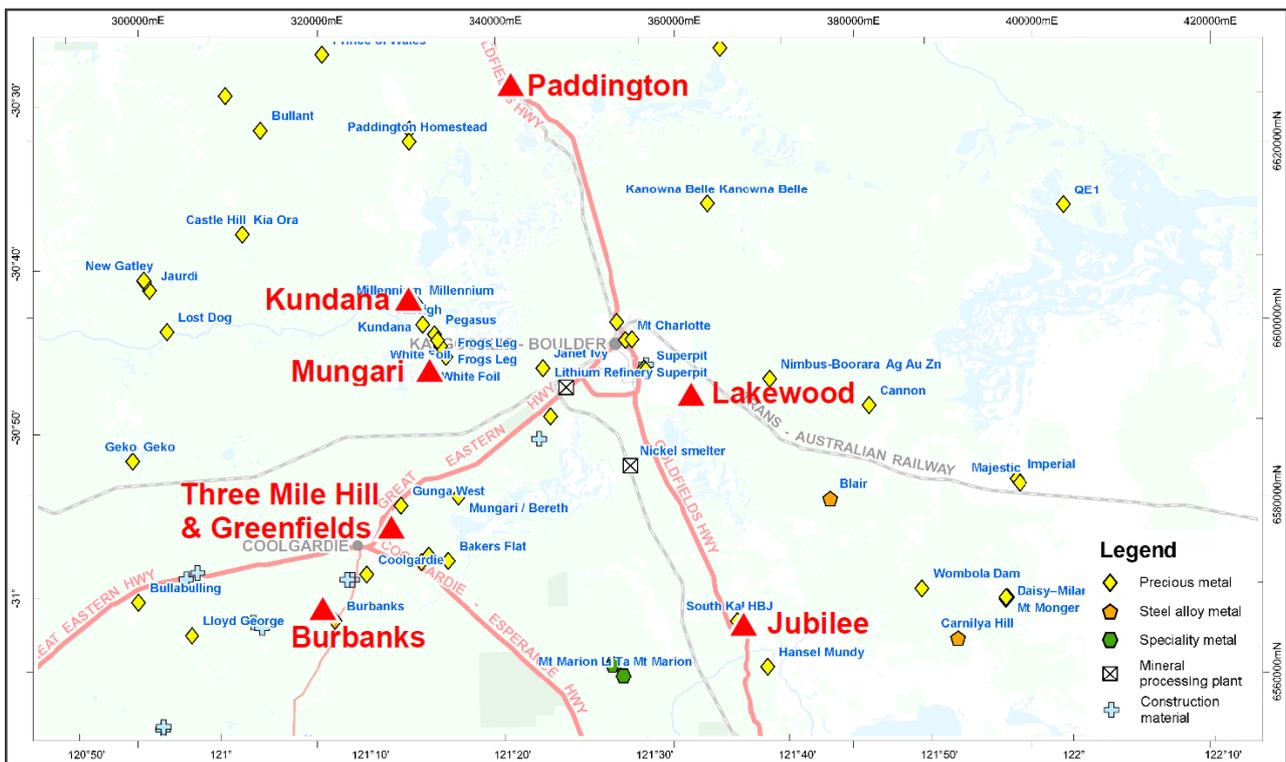


Figure 4— Regional location plan showing nearby mills

Power is direct from the grid via a 32kV/11kV powerline from Coolgardie servicing the adjacent Burbanks Mill and connected to the Burbanks Mine Area via a substation located adjacent to the east of the Lady Robinson pit.

There is no fresh water supply or communications infrastructure at site. Mobile phone coverage is available at high points (i.e. top of waste dumps and local hills) only.

There is also a backfilled waste disposal facility at the south end of the mine area which can be re-established.

The adjacent Burbanks Milling Facility draws water from the Birthday Gift mine area when operational, via a bore located near the ramp to the Lady Robinson pit, and pumps into the Main Lode shaft where, via a staging tank, it is drawn on for use in processing. Excess water from Main Lode slowly recirculates back into the Birthday Gift mine area. Previous mine operators dewatered using evaporation sprinklers lined along the Christmas Pit rim however this was only enough to lower water levels to at or just below Level-4. The Mineral Resources identified for mining in the Scoping Study are all above level 4. Any deeper mining will require an additional dewatering solution to be developed.

DEVELOPMENT STRATEGY

Barra has identified that the most likely development scenario would involve partnering under a right-to-mine agreement similar to those previously successfully implemented by the Company. An information memorandum and data room has been made available to a few select and likely partners. If Barra elected to pursue mining in its own right, additional funds would need to be raised to fund the working capital and de-risk the project through additional drilling and studies. Funding of this magnitude is expected to be available through



normal capital market channels. With fast tracked approvals, in-fill drilling, further studies, partnering and/or funding a timeframe for development and production could be as soon as 2020.

ONGOING EXPLORATION

When the results of this Scoping Study are considered in the context of the overall Burbanks mineral system as illustrated in Figure 2, there remain several glaring gaps that represent outstanding drill targets and scope to add significantly more resources.

In particular, the 500m of untested strike along the Burbanks Shear between the northern limit of the Main Lode Deposit and the southern limit of Burbanks North Deposit has emerged as a high priority area for follow up testing (refer Figure 2 and Figure 5).

Furthermore, the Mineral Resource identified for mining at Main Lode is located directly between two high-grade and historically productive gold mines separated by only 800m and estimated only to a depth of 100m. Below this, the system is vastly underexplored. We will be applying our recently advanced geological and economic understanding of the deposits to further Reverse Circulation (RC) drilling at Main Lode aiming to double the depth of the current Mineral Resource, initially to 200m (Figure 5).

5,000m of RC drilling is scheduled to begin in October 2019 to infill and extend the Main Lode Mineral Resource both to the north and at depth as identified above and below (Figure 5).

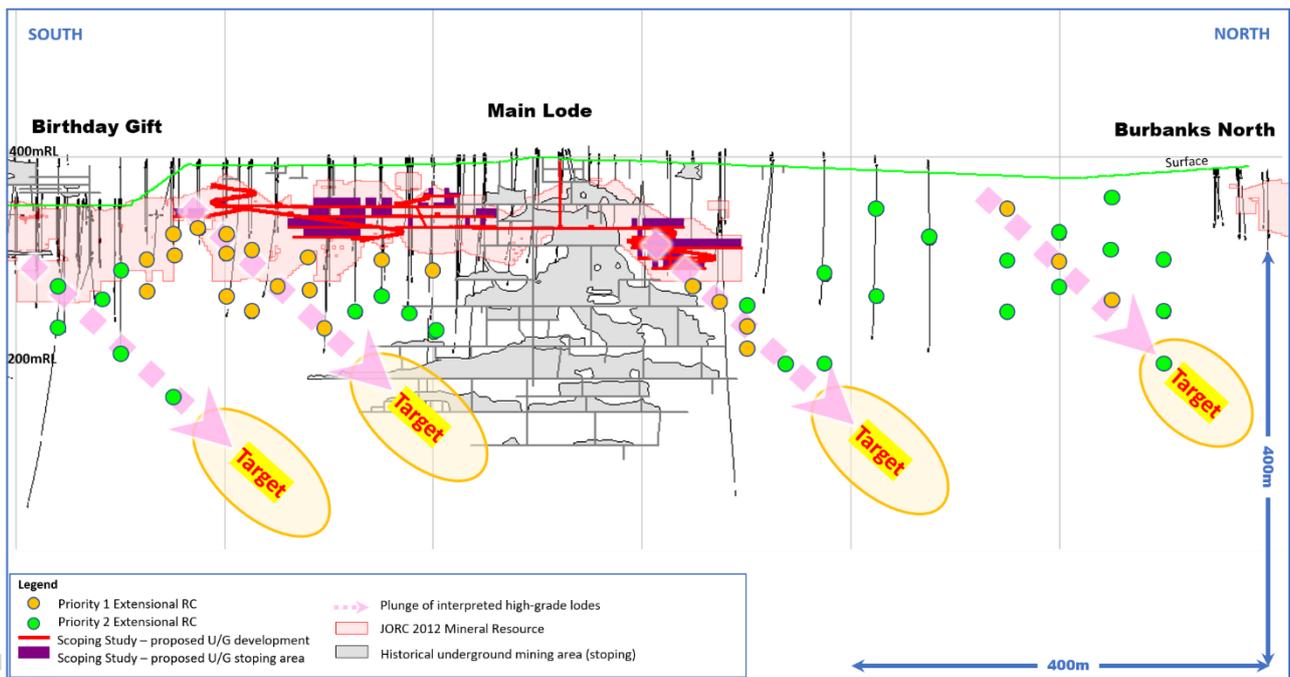


Figure 5 – Long section of Main Lode showing existing stopes, drill holes and Mineral Resource and planned drill holes targeting northerly mineralisation plunges

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SEAN GREGORY

Managing Director & CEO



ABOUT BURBANKS

The Burbanks Project is located 9km southeast of Coolgardie, Western Australia. The Project includes the Burbanks Mining Centre and over 5km of the highly prospective Burbanks Shear Zone, historically the most significant gold producing structure within the Coolgardie Goldfield.

The Burbanks Mining Centre comprises the Birthday Gift and Main Lode Gold Mines. The recorded historic underground production at Burbanks (1885-1961) totalled **444,600t at 22.7 g/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 Mining Centre now exceed **420,000oz**.

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 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.

COMPETENT PERSONS' STATEMENT

The information in this report which relates to Exploration Results and geological interpretation at Burbanks is based on information compiled by Mr Gary Harvey a full-time employee of Barra Resources Limited who is a Member of the Australian Institute of Geoscientists. Mr Harvey consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The information in this report which relates to Mineral Resources at Main Lode and Burbanks North is based on information compiled by Mr Andrew Bewsher full-time employee of BM Geological Services Pty Ltd who is a Member of the Australian Institute of Geoscientists.

The information in this report which relates to Mineral Resources at Birthday Gift and Christmas Pit is based on information compiled by Mr Richard Buerger, a full-time employee of Mining Plus Pty Ltd who is a Member of the Australian Institute of Geoscientists.

Messers Harvey, Bewsher and Buerger 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 Competent Persons as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code).

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.