

## **ASX ANNOUNCEMENT**

14th June 2018

BARRA RESOURCES LIMITED
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# **DIRECTORS**

MD & CEO: Sean Gregory

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

#### **ORDINARY SHARES**

473,747,883

#### **OPTIONS**

50,000,000

#### **PROJECTS**

Mt Thirsty Co-Ni Project (50%)

Coolgardie Au Projects (100%)

# DRILLING RESULTS AT MAIN LODE GOLD MINE FURTHER EXTEND MINERALISED SYSTEM

- 23 RC holes (3,588m) completed; 17 holes intersected gold mineralisation ≥ 1.0g/t gold
- Gold results include:
  - o 13m grading 4.47g/t Au from 84m, including 5m @ 10.22g/t
  - o 6m grading 8.55g/t Au from 208m
  - 11m grading 3.32g/t Au from 115m, including 4m @ 7.02g/t
  - o 2m grading 14.25g/t Au from 244m
  - o 9m grading 2.43g/t Au from 106m
  - o 1m grading 18.20g/t Au from 107m
  - o 3m grading 5.50g/t Au from 159m, including 2m @ 7.91g/t
  - o 8m grading 1.47g/t Au from 83m, including 4m @ 2.26 g/t
  - o 3m grading 3.70g/t Au from 84m, including 2m @5.11g/t; and
  - o 7m grading 1.46 g/t Au from 117m
    - \* See Table 1 for all significant intersections grading ≥ 1.0g/t Au
- These positive results continue to confirm the continuity of gold mineralisation that now extends over a strike length of at least 650m and to a depth of at least 250m
- Scale of Main Lode system continues to grow with gold mineralisation still open in all directions

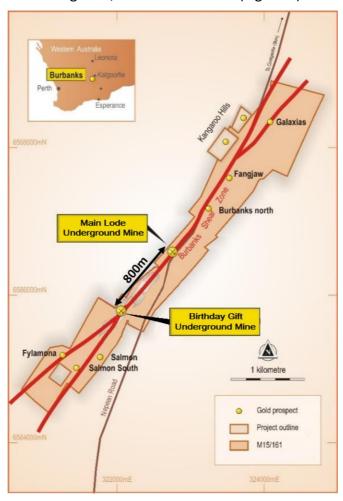


Figure 1: Aerial view of RC Drilling at Main Lode



## Introduction

Barra Resources Limited ('Barra' or 'the Company') is proactively engaged in a program of brownfields exploration across several high priority targets within its Burbanks Gold Project, located 9km southeast of Coolgardie, Western Australia (Figure 2).



**Figure 2: Burbanks Location Plan** 

# **Main Lode Drilling Program**

The drilling program at the historical Main Lode Gold Mine has been successfully completed with 23 Reverse Circulation (RC) holes drilled for 3,588m. The program targeted extending known mineralisation along strike and at depth around the historical underground stoping, following-up on the highly successful first phase drilling program from 2017 (refer ASX:BAR announcement dated 14/03/2017).

The latest results continue to expand the scale of the high-grade mineralised system surrounding the old mine workings which is now known to be continuous over a strike length of at least 650m and to a depth of at least 250m and remains open in all directions (Figures 3 and 4).

All holes successfully intersected planned targets, confirming interpretations and greatly improving our understanding of the geometry of the mineralised structures.



Importantly, with every drilling program, the scale of the mineralised system continues to expand, supporting the Company's view of the potential for extensions to the previously mined areas of Main Lode.

The Company now looks forward to comprehensively reviewing the results of the program prior to planning for the next phase of drilling.

Barra's Managing Director Sean Gregory commented: "We are encouraged that the latest gold intersections at Main Lode have further expanded the extent of the known mineralisation. The results of this program demonstrate significant progress towards realising our previously announced exploration target for the Burbanks Project. We look forward to building on this with ongoing exploration and drilling across our Coolgardie gold projects".

# **Next Steps**

Work is ongoing with an RC drill rig currently employed at high priority target Kangaroo Hills (refer ASX:BAR announcement dated 1/6/2018). Assay results from this program are anticipated to be available in July. Barra will then continue to systematically test and expand the many targets at its Coolgardie gold projects in parallel with the progression of the Pre-Feasibility Study for the Mt Thirsty Cobalt Nickel Oxide Project.

**Sean Gregory** 

**Managing Director and CEO** 



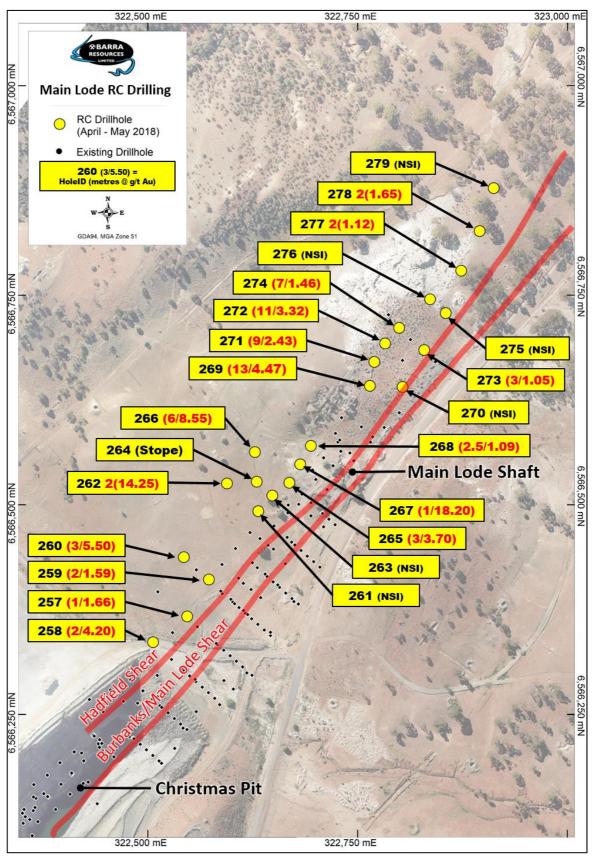


Figure 3: Plan of Main Lode drilling showing location of RC holes and results (NSI = No significant intersection ≥ 1.0g/t Au)



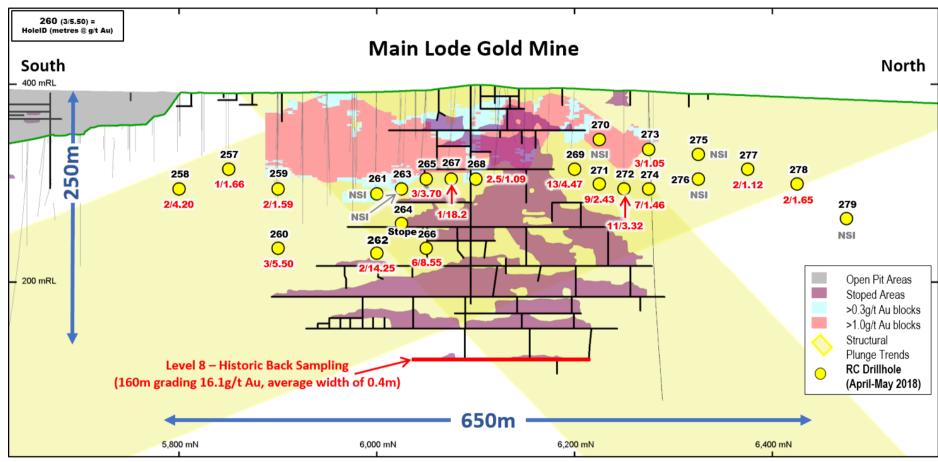


Figure 4: Main Lode Gold Mine - Long Section showing recent RC pierce points and intersections



Table 1: Summary of Main Lode RC drilling intersections with an average gold grade ≥ 1.0g/t Au

HoleID	Northing	Easting	Dip	Azimuth	De	pth	From	То	Width	Gold (g/t)
DDDC257	6566368	322547	-60	131	140		66	67	1	1.66
BBRC257	0500308	322547	-60	131	140		98	99	1	1.28
							73	75	2	4.2
						incl.	74	75	1	7.57
BBRC258	6566347	322506	-60	131	158		83	91	8	1.47
BBNC236	0300347	322300	-60	151	156	incl.	87	91	4	2.26
							119	122	3	1.16
						incl.	120	121	1	1.98
BBRC259	6566412	322573	-60	131	162		118	120	2	1.59
BBRC239	0300412	322373	-60	151	102	incl.	119	120	1	2.6
PPPC260	6566438	222542	E 7	121	210		159	162	3	5.5
BBRC260	0300436	322543	-57	131	210	incl.	159	161	2	7.91
BBRC261	6566493	322632	-58	131	160				NSI	
BBRC262	6566526	322594	-58	131	246		244	246	2	14.25
BBRC263	6566512	322648	-60	131	150				NSI	
BBRC264	6566528	322630	-57	131	195		194	195	1	Stope
DDDC36F	6566527	222660		121	126		84	87	3	3.7
BBRC265	6566527	322669	-55	131	126	incl.	84	86	2	5.11
BBRC266	6566564	322628	-55	131	216		208	214	6	8.55
DDDC267	6566540	222602	-55	121	120		100	102	2	Stope
BBRC267	6566549	322682	-55	131	138		107	108	1	18.2
DDDC269	6566571	222605	EE	121	150		95	97.5	2.5	1.09
BBRC268	6566571	322695	-55 1	131	150		97.5	100	2.5	Stope
BBRC269	6566642	322765	-57	131	150		84	97	13	4.47
BBRC209	0300042	322703	-57	151	150	incl.	92	97	5	10.22
BBRC270	6566641	322804	-57	131	90				NSI	
BBRC271	6566671	322770	-57	131	126		99	100	1	2.16
BBRC271	0300071	322770	-57	151	120		106	115	9	2.43
							115	126	11	3.32
						incl.	115	119	4	7.02
BBRC272	6566693	322783	-57	131	144	and	124	126	2	2.83
							130	134	4	1.84
						incl.	130	131	1	5.16
מבספפ	6566605	วววอวก	E 7	121	100		51	54	3	1.05
BBRC273	6566685	322829	-57	131	100	incl.	53	54	1	2.16
BBRC274	6566712	322800	-57	131	138		117	124	7	1.46
BBRC275	6566729	322855	-57	131	126				NSI	
BBRC276	6566746	322837	-57	131	144				NSI	
BBRC277	6566780	322873	-60	131	150		98	100	2	1.12
DDDC279	6566027	222005	60	121	100		113	115	2	1.65
BBRC278	6566827	322895	-60	131	180		118	119	1	1.1
BBRC279	6566884	322306	-60	131	189				NSI	

Notes: 1. Northings and Eastings are GDA94, MGA Zone 51 co-ordinates

- 2. Northing, Easting, Elevation, Depth, From, To, and Width are all measured in metres.
- 3. Dip and Azimuth are planned at the Collar and measured in degrees (o) magnetic
- 4. Widths are downhole widths only
- 5. NSI = No Significant Intersection and includes intersections which did not exceed 1.0g/t Au but may include anomalous intersections with gold grades between 0.50g/t and 1.0g/t Au



# **Appendix - Background of Burbanks Project**

The Burbanks Project is located 9km southeast of Coolgardie, Western Australia. The Project comprises 3 tenements including M15/161 and covers the Burbanks Mining Centre and over 5km of the highly prospective Burbanks Shear Zone, the most significant gold producing structure within the Coolgardie Goldfield.

The Burbanks Mining Centre comprises the Birthday Gift Gold Mine and the Main Lode Gold Mine (800m to the north). The recorded historic underground production at Burbanks (1885-1961) totaled **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**.

In March 2018, Barra updated its Gold Strategy based on a newly defined Exploration Target. The Exploration Target for Burbanks is now identified as **223,000 to 564,000 ounces of gold** (Table 1). The potential quantity and grade of the Exploration Target is conceptual in nature as there has been insufficient exploration to estimate a Mineral Resource beyond Birthday Gift. It is uncertain if further exploration will result in an estimation of a Mineral Resource (refer to ASX:BAR Announcement 21/3/18).

		Low Range		Н	igh Range	
	tonnes	Au g/t	Au Oz	tonnes	Au g/t	Au Oz
Main Lode to Burbanks North Exploration Target	185,000	8.0	47,600	2,170,000	5.0	348,800
Birthday Gift Exploration Target	625,000	4.0	80,000	650,000	6.0	120,000
Birthday Gift Mineral Resource	514,700	5.8	95,400	514,700	5.8	95,400
Total			223,000			564,000

Table 1: Burbanks JORC 2012 Exploration Targets and Mineral Resource.

The Exploration Target is inclusive of the previously announced JORC 2012 compliant Mineral Resource Estimate of 95,400 ounces of gold at Birthday Gift<sup>1</sup> (Table 2).

Mineral Resource for the Burbanks Gold Project – 30 <sup>th</sup> June 2016							
Area	Cut-Off	Indicated		Inferred			
		Tonnes	Grade	Ounces	Tonnes	Grade	Ounces
Christmas Open Pit	1.0	5,700	6.2	1,100	4,000	7.8	1,050
Birthday Gift Underground Mine	2.5	180,000	6.0	34,750	325,000	5.6	58,500
Total Mineral Resource	1.0/2.5	185,700	6.0	35,850	329,000	5.6	59,550

Table 2: Birthday Gift Mine (Burbanks Deposit) Mineral Resource Inventory (as at 30 June 2016).

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<sup>&</sup>lt;sup>1</sup> For full details of the Birthday Gift Mineral Resource refer to Kidman Resources Limited's ASX announcement 25/11/15 and then updated for mining depletion in Kidman's 2016 Annual Report. The information has not materially changed since then.



# **Competent Persons Statement**

The information in this report which relates to Exploration Targets and exploration results is based on information compiled by Mr. Gary Harvey who is a Member of the Australian Institute of Geoscientists (MAIG) and a full-time employee of the Company. 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". 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.

# 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.

# THE FOLLOWING TABLES ARE PROVIDED TO ENSURE COMPLIANCE WITH THE JORC CODE (2012 EDITION) FOR THE REPORTING OF EXPLORATION RESULTS

#### MAIN LODE GOLD MINE EXPLORATION RESULTS

#### SECTION 1 - SAMPLING TECHNIQUES AND DATA

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <li>Sampling was conducted using a Reverse Circulation (RC) drilling rig. One RC rig was utilised.</li> <li>Samples were collected at every 1m interval using a cyclone and cone splitter to obtain a ~3kg representative sub-sample for each 1m interval. The cyclone and splitter were cleaned regularly to minimize contamination.</li> <li>Field duplicates were collected at a rate of 1 in every 20m.</li> <li>Samples were pulverised to produce a 40g charge for fire assay.</li> <li>Sampling and QAQC procedures are carried out using Barra protocols as per industry best practice.</li> </ul>
Drilling techniques	<ul> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face- sampling bit or other type, whether core is oriented and if so, by what method, etc.).</li> </ul>	<ul> <li>Reverse circulation (RC) drilling was carried out using a face sampling hammer with a 143mm (5<sup>5</sup>/<sub>8</sub>") drill bit.</li> </ul>



Criteria	JORC Code explanation	Commentary
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul> <li>RC sample recoveries are visually estimated qualitatively on a metre basis and recorded in the database.</li> <li>Drilling contractors adjust their drilling approach to specific conditions to maximise sample recovery.</li> <li>Moisture content and sample recovery is recorded for each sample.</li> <li>No sample recovery issues have impacted on potential sample bias.</li> </ul>
Logging	<ul> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>All drillholes are logged in full.</li> <li>RC holes were logged at 1m intervals for the entire hole from drill chips collected and stored in chip trays. Data was recorded for regolith, lithology, veining, fabric (structure), grain size, colour, sulphide presence, alteration and oxidation state.</li> <li>Logging is both qualitative and quantitative in nature depending on the field being logged.</li> </ul>
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>All RC samples were passed through cyclone and cone split, and a ~3kg split sample is collected for each 1m interval.</li> <li>1m split samples were collected for analysis from selected zones based on field logging. All other zones were sampled by collecting a 4m composite sample.</li> <li>4m composite samples were collected using an aluminium scoop.</li> <li>Field duplicate samples were collected at a rate of 1 every 20m per hole through mineralised zones and certified reference standards were inserted at a rate of 1 per hole through mineralised zones based on geological interpretation.</li> <li>Sample preparation was conducted at Bureau Veritas' Kalassay Laboratory in Perth using a fully automated sample preparation system. Preparation commences with sorting and drying. Oversized samples are crushed to &lt;3mm and split down to 3kg using a rotary or riffle splitter. Samples are then pulverized and homogenized in LM5 Ring Mills and ground to ensure &gt;90% passes 75µm.</li> <li>200g of pulverized sample is taken by spatula and used for a 40g charge for Fire Assay for gold analysis. A high-capacity vacuum cleaning system is used to clean sample preparation equipment between each sample.</li> <li>The sample size is considered appropriate for this type and style of mineralisation.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld</li> </ul>	<ul> <li>Fire Assay is an industry standard analysis technique for determining the total gold content of a sample. The 40g charge is mixed with a lead based flux. The charge/flux mixture is 'fired' at 1100°C for 50mins fusing the sample. The gold is</li> </ul>



Criteria	JORC Code explanation	Commentary
	XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.  Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	extracted from the fused sample using Nitric (HNO3) and Hydrochloric (HCl) acids. The acid solution is then subjected to Atomic Absorption Spectrometry (AAS) to determine gold content. The detection level for the Fire Assay/AAS technique is 0.01ppm.  • Laboratory QA/QC controls during the analysis process include duplicates for reproducibility, blank samples for contamination and standards for bias.
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul> <li>All drilling and significant intersections are verified and signed off by the Exploration Manager for Barra Resources who is also a Competent Person.</li> <li>No pre-determined twin holes were drilled during this program.</li> <li>Geological logging was originally captured on paper, scanned and sent to the company's consultant database administrator (RoreData) for entry directly into the database via a validation process. Sampling, collar, and laboratory assay data is captured electronically and also sent to RoreData. All original data is stored and backed-up by Barra. The official database is stored by RoreData, a copy of which is uploaded to Barra's server for geologists use. Uploaded data is reviewed and verified by the geologist responsible for the data collection.</li> <li>No adjustments or calibrations were made to any assay data reported.</li> </ul>
Location of data points	<ul> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>Drillhole collar locations are surveyed before and after by a qualified surveyor using sophisticated DGPS with a nominal accuracy of +/- 0.05m for north, east and RL (elevation)</li> <li>The drilling rig was sighted using a compass. Drillhole angle was set using an inclinometer placed on the drill mast prior to collaring the hole.</li> <li>Down-hole surveying was completed after completion of the program using a north seeking Keeper Rate Gyro System. Local grid azimuths were calculated by subtracting 41.5° from the gyro reading.</li> </ul>
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>Drillholes were located on 25m spaced traverses at 15 to 20m centres between and along strike from previous drillholes.</li> <li>No sample compositing has been applied to mineralised intervals.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures</li> </ul>	<ul> <li>Drilling was perpendicular to the strike of the main mineralised structure targeted for this program. All reported intervals are however reported as downhole intervals and not true- width.</li> <li>No drilling orientation and/or sampling bias</li> </ul>



Criteria	JORC Code explanation	Commentary
	is considered to have introduced a sampling bias, this should be assessed and reported if material.	have been recognized in the data at this time.
Sample security	• The measures taken to ensure sample security.	<ul> <li>Samples for analysis were tagged and recorded instantly and delivered to the laboratory at the end of each day.</li> </ul>
Audits or reviews	<ul> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul> <li>No audits or reviews have been conducted on sampling techniques and data at this stage.</li> </ul>

# **SECTION 2 – REPORTING OF EXPLORATION RESULTS**

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul> <li>The historic Main Lode Gold Mine is located within Barra's 100% owned mining lease M15/161.</li> <li>There is no native title claim over the lease</li> <li>The tenement is in good standing.</li> </ul>
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Mining lease M15/161 comprises the Birthday Gift Mining Centre. Historical production (1885-1999) from the Birthday Gift Mine (incl. Lady Robinson, Christmas, Far East and Tom's Lode pits) and the Main Lode Mine produced over 420,000 ounces to a depth of about 140m below surface.</li> <li>No mining has occurred at Main Lode since 1914.</li> <li>Between 1946-1951 WMC channel-sampled Level-7 at Birthday Gift yielding 30m @ 18.3g/t Au over and average width of 1.5m and 76m @ 17.4g/t Au over an average width of 1.1m. At Main Lode, channel sampling along Level-8 returned 160m @ 16.1g/t Au over an average width of 0.4m.</li> <li>1978-1985; Jones Mining NL mined the Lady Robinson open pit producing 28,000t @ 6.2g/t (5,600oz).</li> <li>1985-1991; Metallgesellschaft/Lubbock mined a further 172,800t @ 3.8g/t (21,100oz) from Lady Robinson.</li> <li>1991-1999; Amalg Resources mined 68,100t @ 2.9g/t from the Christmas Pit, and other parcels from the Far East pit, Tom's Lode pit and minor underground development beneath Lady Robinson and Christmas Pits.</li> <li>1999-2013; Barra conducted underground mining at Birthday Gift producing 36,000oz.</li> </ul>
Geology	<ul> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul> <li>The Burbanks Project, specifically M15/161, covers about 5km of strike of the Burbanks Shear Zone within a package of basalts and intercalated gabbro/dolerite and sediments.</li> </ul>



Criteria	JORC Code explanation	Commentary
		Gold occurs in ptygmatically folded and boudinaged laminated quartz veins with pyrite, pyrrhotite, scheelite and an alteration assemblage of plagioclase, calcite, and biotite. It may also occur in quartz-pyritic biotitic shears and is often associated with garnetiferous diorite sills.
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	<ul> <li>Drillhole information for the drilling discussed in this report is listed in Table 1 in the context of this report.</li> <li>All material data has been periodically released to the ASX</li> </ul>
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>Reported intersections have been length weighted to provide the intersection width.</li> <li>Significant intersections have been reported where the weighted average for the intersection is ≥ 1.0g/t Au.</li> <li>A maximum of 2m internal waste (&lt;0.50g/t Au) between mineralised samples has been included in the calculation of intersection widths.</li> <li>No assays have been top-cut for the purpose of this report. A lower cut-off of 0.50g/t Au has been used to identify significant results.</li> <li>All significant intersections have been reported.</li> <li>No metal equivalent values have been used for the reporting of these exploration results.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>	<ul> <li>True widths, where reported, have been estimated manually on a hole by hole basis for intersections within known mineralised zones and based on the current knowledge of the mineralised structure.</li> <li>Both downhole width and estimated true width have been clearly specified in this report when used.</li> <li>The main mineralised shear trends NE and dips about 75 degrees west.</li> </ul>
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	Appropriate plans and sections have been included in the body of this report.
Balanced reporting	<ul> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or</li> </ul>	Both high and low grades have been reported accurately, clearly identified with drillhole



Criteria	JORC Code explanation	Commentary
	widths should be practiced to avoid misleading reporting of Exploration Results.	attributes and 'from' and 'to' depths.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	<ul> <li>There is no heavily oxidised (soft) profile at Main Lode. Weak, joint oxidised to fresh rock commences from surface.</li> <li>Historical mining (stope voids, drives, shafts) needs to be accurately located and modelled to account for resource depletion when estimating a Mineral Resource.</li> </ul>
Further work	<ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	Further work has been discussed in the context of this report