



# ASX ANNOUNCEMENT

11<sup>th</sup> January 2022

## MAIDEN GOLD POUR & EXPLORATION UPDATE

- Maiden processing campaign completed with first gold pour producing 840 ounces, worth \$2.1 million<sup>1</sup>
- Initial nine-day toll treatment campaign processed 20,500 tonnes of low-grade development ore
- Grade in line with expectations, with final production to be reported on completion of reconciliation
- High-grade stoping activities underway, with a further 60,000 – 75,000 tonnes to be processed in H1 2022
- Remaining assays from recent drilling at Burbanks North to be reported over coming weeks
- Planning underway for continuation of aggressive exploration at Burbanks following recent high-grade intercepts, with drilling scheduled to resume in late January

Greenstone Resources Limited (**ASX:GSR**) (**Greenstone** or the **Company**) is pleased to provide an update on the maiden gold pour from the Burbanks Mining Centre as part of the Stage I Trial Mining Agreement Joint Venture (Joint Venture) between Greenstone and FMR Investments Pty Ltd (FMR). The Burbanks Mining Centre forms part of the Company's 100% owned Burbanks Gold Project, 9.0 kilometres South of Coolgardie, Western Australia.

The first processing campaign through the neighbouring Greenfields Mill commenced on Tuesday, 28 December 2021, with 20,500 tonnes of low-grade development ore (diluted ore from underground development drives) processed over nine days, resulting in a maiden gold pour of 840 ounces (unreconciled) worth \$2.1 million<sup>1</sup>. Processed grades through the mill were in line with expectations, with final production from the initial campaign to be reported on completion of a full reconciliation, including Gold in Circuit (GIC) and refining adjustments.

The recovered doré bullion has subsequently been shipped to the Perth Mint for refining and sale, with first revenue to the Joint Venture expected over the coming weeks. With high-grade underground ore stoping activities now underway, a further 2-3 processing campaigns are expected, totalling between 60,000-75,000 tonnes over the coming months.

**Managing Director and CEO, Chris Hansen, commented:** *“This represents a major milestone in Greenstone’s renewed strategy, serving to expedite the path to long-term and sustainable commercial production through the provision of invaluable technical information associated with geology, underground mining and processing. Importantly, this initial processing campaign only utilised the low-grade development ore mined during the establishment of underground operations. As high-grade underground stoping ramps-up over the coming months, we expect a further 2-3 high-grade milling campaigns.*

*While trial mining activities serve to materially de-risk current and future operations, the core focus for the team remains on building our resource inventory from the current base (1.2Mt @ 3.7g/t Au for 145,700oz<sup>2</sup>) through the continuation of aggressive exploration activities at Burbanks. Planning is currently well advanced for the first drill campaign of 2022, with a multi-purpose diamond and reverse circulation drill rig scheduled for mobilisation in late January. The initial focus will be on following up on the high-grade mineralisation intercepted immediately north of the*

<sup>1</sup> Reported production is unrefined and remains subject to final reconciliation, including gold in circuit (GIC) and refining adjustments; Spot gold price of \$2,500; Revenue on 100% basis to Joint Venture.

<sup>2</sup> ASX:GSR 23/9/19; ASX:GSR 30/10/18; ASX:GSR 02/08/19.



Burbanks Mining Centre in late December 2021, where high-grade mineralisation was previously thought to terminate due to faulting. The recent intercept in BBDD0025 (3.1 metres @ 11.72g/t Au from 282.4 metres<sup>3</sup>), in conjunction with several holes completed in early 2021, serves to extend the prospective strike extent for high-grade mineralisation at Burbanks North to over 1.50 kilometres.

Finally, the remaining four diamond holes completed in late 2021 have since been submitted for analysis, with results expected over the coming weeks.”



**Figure 1 – Photos of unrefined doré bullion from recent gold pour**

Under the terms of the Joint Venture, FMR carries all mining and financial risk on the agreed mining operations within the Initial License Area (see Figure 3), with any profits after expenses to be evenly split. The Stage I Trial Mining Joint Venture is expected to materially de-risk the project through the provision of invaluable technical and financial information which will guide future production and exploration decisions.

#### **DRILLING UPDATE**

Following the completion of the 1,900 metre Reverse Circulation (RC) drill program at Burbanks South in November, the rig then moved to Burbanks North where it completed seven holes, including two RC and five diamond tails totalling 950 metres, before being demobilised in late December for maintenance. Of the five diamond holes drilled at Burbanks North, assays have only been reported for BBDD0025, which returned 3.1 metres @ 11.72g/t Au from 282.4 metres<sup>4</sup>, with results for the remaining four holes, targeting extensions of the same high-grade plunge, expected to be received in the next 2-4 weeks (see Figure 2).

Planning is currently underway for the continuation of aggressive exploration at Burbanks following the recent high-grade intercepts, with drilling scheduled to resume at Burbanks North and the Burbanks Mining Centre in late January.

<sup>3</sup> ASX: GSR 15/12/2021

<sup>4</sup> ASX: GSR 15/12/2021

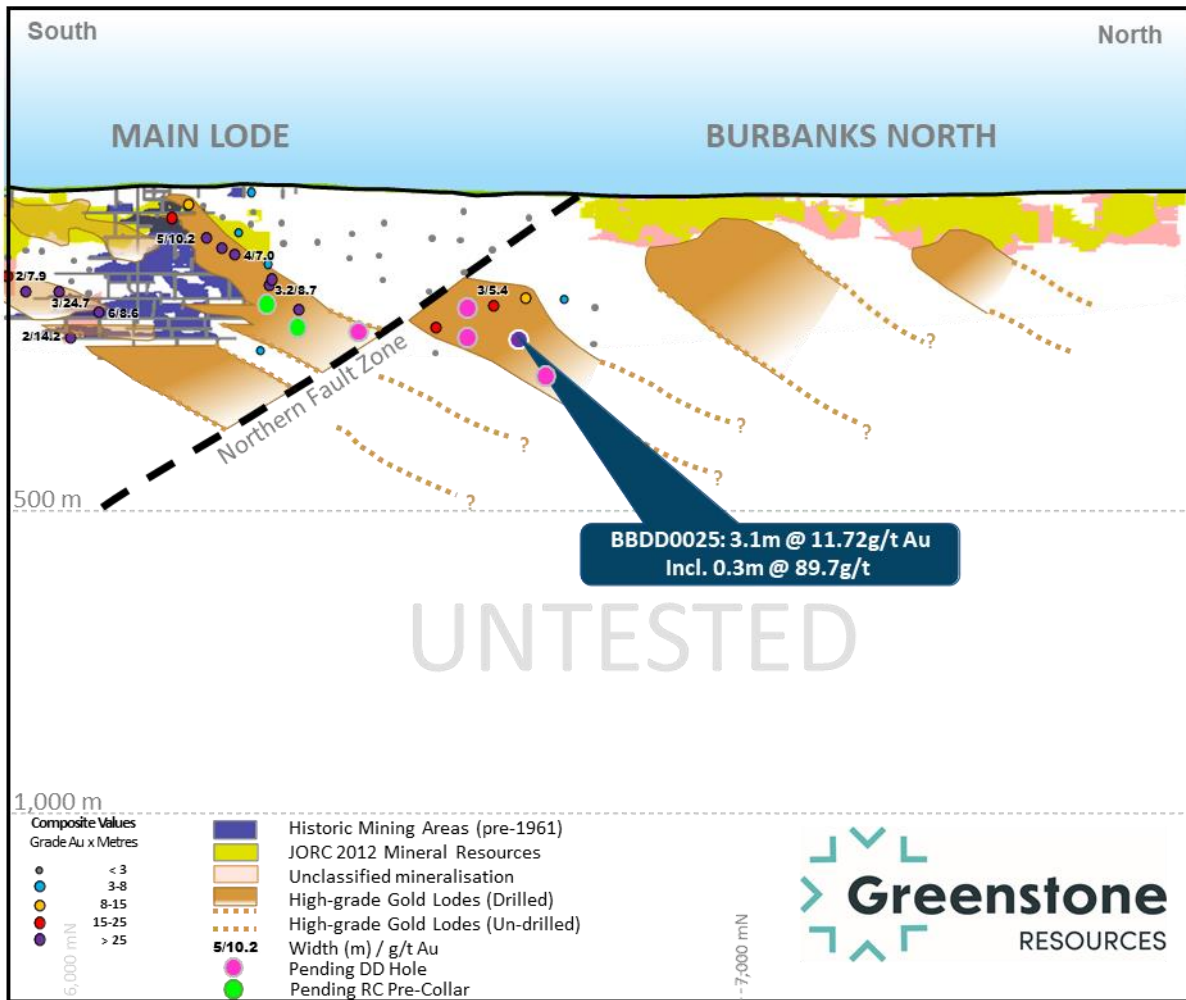


Figure 2: Long section showing recently discovered high-grade mineralisation at Burbanks North and pending assay results

*This announcement is authorised by the Board of Directors.*

- END -

Chris Hansen

Managing Director & Chief Executive Officer

Greenstone Resources Limited

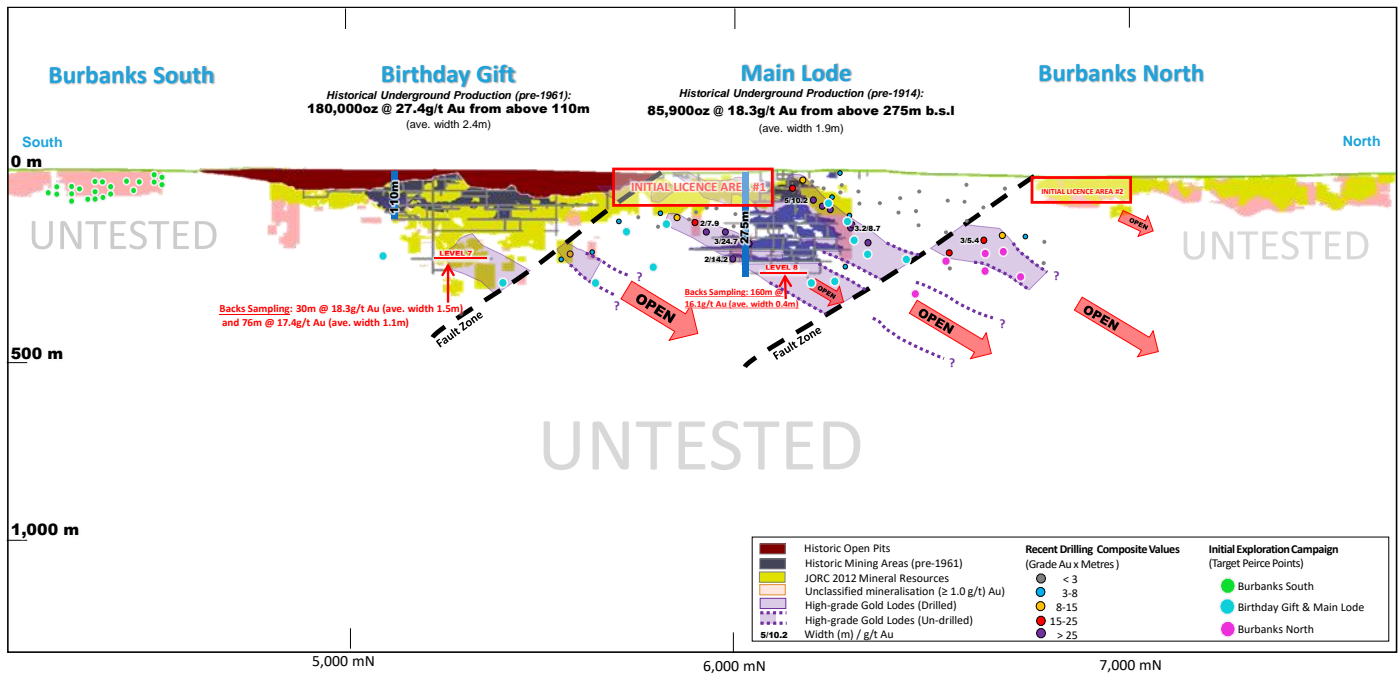
E: [chris.hansen@greenstoneresources.com.au](mailto:chris.hansen@greenstoneresources.com.au)



## ABOUT BURBANKS

The Burbanks Gold Project is located 9.0 kilometres southeast of Coolgardie, Western Australia. The Project includes the Burbanks Mining Centre and over 5.0 kilometres 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 underground 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.



**Figure 3: Schematic long section of Burbanks Mining Centre and Burbanks Shear Zone**

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).

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
<b>Total</b>	<b>1.0/2.5</b>	<b>291</b>	<b>4.9</b>	<b>45,550</b>	<b>943</b>	<b>3.3</b>	<b>100,150</b>	<b>1235</b>	<b>3.7</b>	<b>145,700</b>

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 23/9/19. 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**



## 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' STATEMENT

The information in this report which relates to Exploration Results and geological interpretation at Burbanks is based on information compiled by Mr Glenn Poole an employee of Greenstone Resources Limited who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Poole 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. Messer's 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.