

10<sup>th</sup> March 2022

## **RC Drilling Recommenced at Gold Duke Project**

### **HIGHLIGHTS**

- Exploration drill program has commenced at the Gold Duke Project with an initial 91 holes for 6,740m of RC drilling
- Extensional and infill drilling is planned to further test the southern and northern extension of mineralisation at Eagle where previous results included 10m @ 6.97 g/t Au from 78m (including 2m @ 23.36 g/t Au) (WGRC0242)<sup>1</sup>
- Drilling to test depth extensions to historic mining areas of Joyners Find (historical drill results include 4m @ 18.45 g/t Au from 24m (including 2m @ 34.78g/t Au) (JRC036)<sup>1</sup> and the Brilliant prospect (historical drilling results include 4m @ 27.78g/t Au from 112.9m (DDH08)<sup>1</sup>
- The drilling program is a part of WGR's aggressive 20,000m planned program in 2022 and builds on the considerable success from its 2021 exploration programs
- Resource upgrade to the current combined JORC-2012 Mineral Resource estimate of 4,570,000 tonnes at 2.0 g/t Au for 293,000 oz Au (refer Table 1) currently being prepared by Optiro

Western Gold Resources (ASX: WGR) ("WGR" or "the Company") is pleased to announce that the 2022 Exploration drilling program at Gold Duke Project, has commenced (Fig. 1). Drilling at the Gold Duke Project is expected to take 6 weeks with first assay results due in early May 2022.



**Fig. 1 Drilling underway at the Gold King project**

<sup>1</sup> refer ASX announcement 1 March 2022

Three prospects are planned to be drilled (Figure 2):

**Eagle:** A program of 39 RC holes for 2866m is design test the eastern and western BIF units, targeting the southerly-plunging high-grade gold shoots hosted within a package of vertical to steep westerly dipping banded iron formation units. Previous significant results to be followed up on by the drilling program (see ASX announcement 11 January 2022) include:

- **10m @ 6.97 g/t Au from 78m (including 2m @ 23.36 g/t Au) (WGRC0242)**
- **6m @ 11.66 g/t Au from 58m (including 2m @ 7.04 g/t Au) (WGRC0299)**
- **11m @ 3.33 g/t Au from 29m (including 1m @ 10.44 g/t Au) (WGRC0206)**

**Brilliant** - A program of 47 RC holes for 3456m will target steeply southerly-plunging gold shoots below underground workings at Brilliant and North Brilliant (Figure 2). Previous significant intercepts (see Prospectus dated 18 May 2021) include:

- **4m @ 27.78 g/t Au from 112.9m (DDH08)**
- **7m @ 14.74 g.t Au from 21m (CR100)**
- **5m @ 2.23 g/t Au from 15m and 10m @ 2.82 g/t Au from 35m (C724)**

**Joyners Find** - A program of 5 RC holes for 418m (Figure 3) will test the mineralisation hosted within both the northerly-trending BIF unit as well as the NNW-trending quartz vein previously mined. The drillholes also aim to test if the repetition for NNW trending quartz vein to the north of the main Joyners Find mine. Significant intercepts include (see ASX announcement 1 March 2022):

- **4m @ 18.45 g/t Au from 24m (including 2m @ 34.78 g/t Au) (JRC036)**
- **3m @ 22.01 g/t Au from 84m (JRC054)**

**WGR Managing Director Warren Thorne commented:**

*"We are delighted to have commenced our first drilling programme at the Gold Duke Project for 2022. The drilling aims to further extend and close out mineralisation at the Eagle deposits as well as undertaking initial drilling programs at the historic high-grade Brilliant and Joyners Find mines. The start of the drilling program is a testament to the hard work by the exploration team over the last few months and sets up WGR for continued success in 2022"*

This ASX announcement was authorised for release by Gary Lyons, Chairman of Western Gold Resources Limited.

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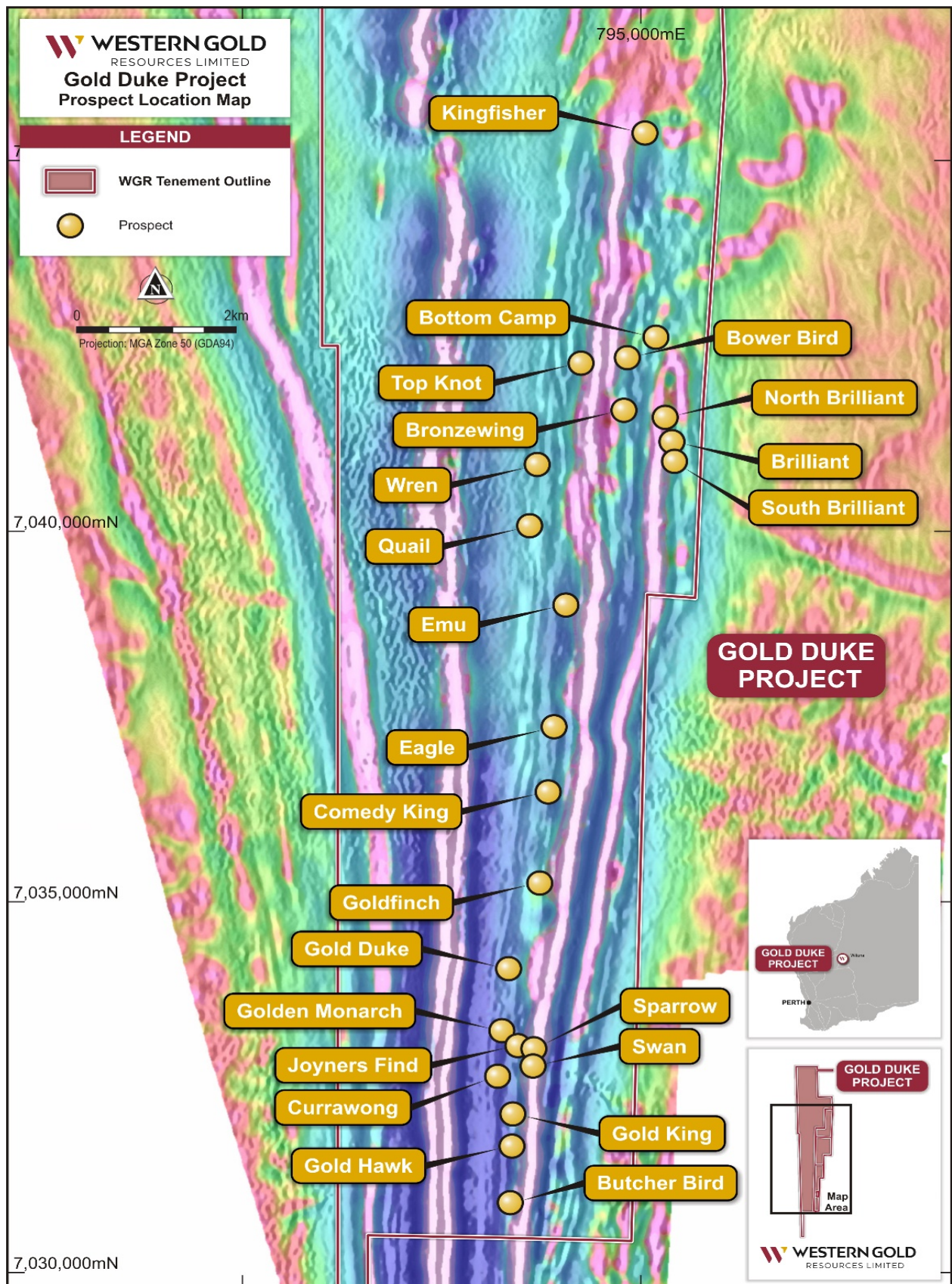
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**Figure 2 – The Gold Duke project on TMI (1VD) and Gold Deposit Locations**

## Competent Person's Statement

The information in this report which relates to Exploration Results is based on information compiled by Dr Warren Thorne, is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and a full-time employee of the company. Dr Thorne who is an option-holder, 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, Exploration Targets, Mineral Resources and Ore Reserves" (JORC Code). Dr Thorne consents to inclusion in the report of the matters based on this information in the form and context in which it appears

Where the Company refers to previous Exploration Results and to the Mineral Resource estimate included in its Prospectus dated 18 May 2021 and in previous announcements, it notes that the relevant JORC 2012 disclosures are included in the Prospectus and those previous announcements and it confirms that it is not aware of any new information or data that materially affects the information included in those announcements and all information in relation to the Exploration Results and material assumptions and technical parameters underpinning the Mineral Resource estimate within those announcements continues to apply and has not materially changed.

Where the Company refers in this report to previous exploration results that were prepared and first disclosed under a pre-2012 edition of the JORC code, it notes that the data has been compiled and validated. It is the opinion of the Company that the exploration data is reliable. Nothing has come to the attention of the Company that causes it to question the accuracy or reliability of the historic exploration results.

**Table 1 Gold Duke Project – JORC 2012 Mineral Resource Estimate**

JORC Status	Year	Prospect	Classification	Tonnes	Grade (g/t Au)	Ounces
JORC 2012 at 0.5 g/t cut-off	2019	Golden Monarch	Measured	30,000	3.0	3,000
			Indicated	380,000	2.1	26,000
			Inferred	390,000	2.1	26,000
			<b>Subtotal</b>	<b>800,000</b>	<b>2.2</b>	<b>55,000</b>
		Eagle	Indicated	110,000	2.8	10,000
			Inferred	680,000	1.6	35,000
			<b>Subtotal</b>	<b>790,000</b>	<b>1.8</b>	<b>45,000</b>
		Emu	Inferred	600,000	2.2	42,000
		Joyners Find	Inferred	90,000	2.6	7,000
	2021	Bottom Camp	Inferred	640,000	1.6	33,000
		Bowerbird	Inferred	230,000	2.4	17,000
		Brilliant	Inferred	210,000	3.1	21,000
		Bronzewing	Inferred	110,000	2.7	9,000
		Comedy King	Inferred	260,000	1.5	12,000
		Gold Hawk	Inferred	150,000	1.5	7,000
		Gold King	Inferred	580,000	1.9	36,000
		Wren	Inferred	110,000	2.4	8,000
	Total JORC 2012		<b>Measured</b>	<b>30,000</b>	<b>3.0</b>	<b>3,000</b>
			<b>Indicated</b>	<b>490,000</b>	<b>2.3</b>	<b>36,000</b>
			<b>Inferred</b>	<b>4,050,000</b>	<b>2.0</b>	<b>254,000</b>
			<b>Combined</b>	<b>4,570,000</b>	<b>2.0</b>	<b>293,000</b>