

8 June 2021

**Fast Facts**

ASX Code: EMR  
Shares on issue: 515,397,207  
Market Cap: ~\$546.3 million

**Board & Management**

Simon Lee AO, Non-Executive Chairman  
Morgan Hart, Managing Director  
Mick Evans, Executive Director  
Ross Stanley, Non-Executive Director  
Mark Clements, Non-Executive Director and Company Secretary  
Brett Dunnachie, Chief Financial Officer

**Company Highlights**

- First mover in an emerging gold province in Cambodia;
- Mineral Investment Agreement and Industrial Mining Licence granted over the Okvau Gold Project (100% owned) allowing for the development of the Okvau Deposit;
- Okvau Deposit: Indicated and Inferred Mineral Resource Estimate of 1.14Moz at 2.0g/t Au;
- DFS completed and demonstrates high grade, low cost, compelling development economics:
  - Ore Reserve of 14.3Mt & 2.0g/t Au for 0.9Mozs in a single open pit with waste:ore ratio of 5.8:1;
  - LOM average annual production of 106,000ozs pa;
  - AISC US\$754/oz over LOM;
  - Using US\$1,450/oz Au gold price:
    - NPV<sub>(5%)</sub> US\$337M pre-tax and US\$238M post-tax;
    - IRR 69% pa pre-tax and 57% post-tax;
    - Payback ~1.4 years pre-tax and 1.7 years post-tax.
- Highly credentialed gold project development team;
- Significant resource growth potential.

**Registered Office**

1110 Hay Street  
West Perth WA 6005

T: +61 8 9286 6300  
F: +61 8 6243 0032  
W: [www.emeraldresources.com.au](http://www.emeraldresources.com.au)



## First Ore Feed and Commencement of Wet Commissioning of Okvau Gold Plant

- **Crushing Circuit and Processing Plant in start-up wet commissioning phase in advance of maiden gold pour this month**

**HIGHLIGHTS**

- **Crushing circuit commissioned and stockpiling crushed ore**
- **First ore feed to the processing plant and wet commissioning commenced**
- **Okvau substation energised and fully operational**
- **Tailings Storage Facility (Stage 1) completed and ready for tailings discharge**
- **245,000 tonnes of ore on the ROM**
- **Ramp up of gold in circuit allowing for maiden gold pour this month**

Emerald Resources NL (ASX: EMR) ("Emerald") is pleased to advise that it has commenced crushing activities, delivered the first ore feed to the Mill and has commenced wet commissioning of the Processing Plant at the Company's 100% owned 1.14Moz Okvau Gold Project in advance of the maiden gold pour this month.

**Emerald's Managing Director, Morgan Hart, said:**

"The first ore feed and commencement of wet commissioning of the Okvau Gold Project is a significant milestone for the Company and represents the exceptional efforts by our experienced construction and development team with co-operation from our quality contractors and global suppliers."

"The Project has remained on budget and on schedule despite the logistical challenges brought on by the global pandemic and is a testament to the skill and experience of the team we have assembled on site throughout this process."

"Construction activities are nearing practical completion and open-pit mining has delivered over 245,000t of predominantly oxide ore on the ROM pad. The oxide feed is being used to wet commission the SAG Mill and leaching circuit for the first few weeks of operation allowing a ramp up of gold in circuit in advance of the maiden gold pour this month. Hard rock, sulphide feed will be added to the circuit in the coming weeks to commission the float regrind circuit."

**Figure 1 | Process Plant and Crushing Circuit - complete and commissioned**



Figure 2 | Commissioning of the Jaw Crusher



Figure 3 | Crushed ore conveyed to the stockpile

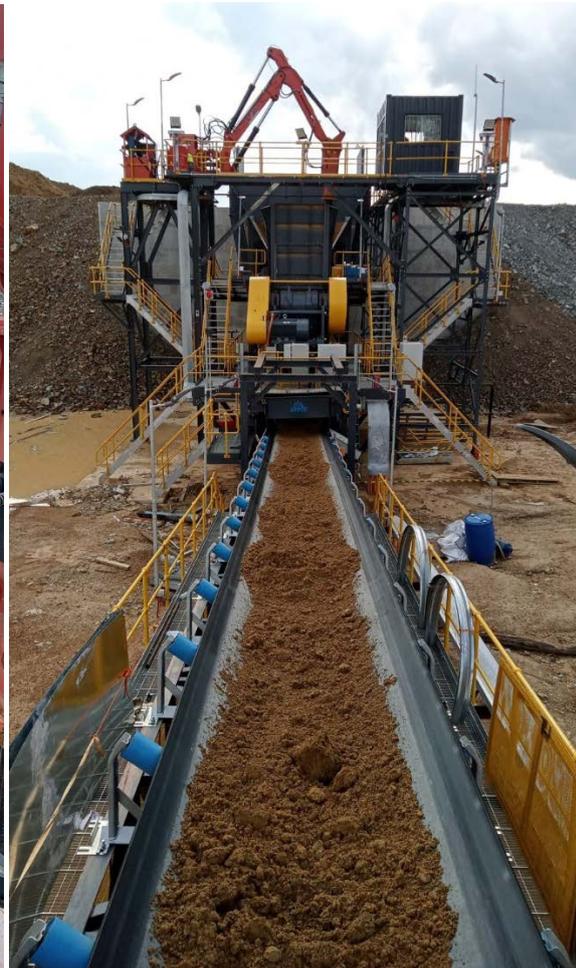




Figure 4 | First Ore to the Mill



Figure 5 | SAG Mill – ready for wet commissioning



Figure 6 | Electrical Sub-Station – commissioned and operational



This ASX release was authorised on behalf of the Emerald Board by: Morgan Hart Managing Director.

For further information please contact  
Emerald Resources NL

**Morgan Hart**  
**Managing Director**

**Table 1 | Okvau Mineral Resource Estimate**

Okvau Mineral Resource Estimate									
Cut-off (Au g/t)	Indicated Resource			Inferred Resource			Total Resource		
	Tonnage (Mt)	Grade (g/t Au)	Contained Au (Koz)	Tonnage (Mt)	Grade (g/t Au)	Contained Au (Koz)	Tonnage (Mt)	Grade (g/t Au)	Contained Au (Koz)
0.70	15.11	2.08	1,008	2.57	1.61	133	<b>17.68</b>	<b>2.01</b>	<b>1,141</b>

The Project has a JORC Ore Reserve (Probable) estimate of 14.26Mt @ 1.98g/t Au for 907,000 ounces gold (refer Table 2).

**Table 2 | Okvau Ore Reserve Estimate**

Okvau Ore Reserve Estimate		
	Tonnage (Mt)	Grade (g/t Au)
Probable Ore Reserve	<b>14.26Mt</b>	<b>1.98g/t Au</b>
		<b>907koz</b>

### Forward Looking Statement

This document contains certain forward looking statements. These forward-looking statements are not historical facts but rather are based on the Company's current expectations, estimates and projections about the industry in which Emerald Resources operates, and beliefs and assumptions regarding the Company's future performance. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates", "potential" and similar expressions are intended to identify forward-looking statements. These statements are not guarantees of future performance and are subject to known or unknown risks, uncertainties and other factors, some of which are beyond the control of the Company, are difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward-looking statements, which reflect the view of Emerald Resources only as of the date of this announcement. The forward-looking statements made in this release relate only to events as of the date on which the statements are made. Emerald Resources will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this announcement except as required by law or by any appropriate regulatory authority.

This document has been prepared in compliance with the current JORC Code 2012 Edition and the ASX listing Rules.

The Company believes that it has a reasonable basis for making the forward-looking statements in this announcement, including with respect to any production targets and financial estimates, based on the information contained in this announcement. Reference is made to ASX Announcement dated 1 May 2017 and 26 November 2019. All material assumptions underpinning the production target or the forecast financial information continue to apply and have not materially changed. 100% of the production target referred to in this announcement is based on Probable Ore Reserves.

Emerald has a highly experienced management team, undoubtedly one of the best credentialed gold development teams in Australia with a proven history of developing projects successfully, quickly and cost effectively. They are a team of highly competent mining engineers and geologists who have overseen the successful development of gold projects in developing countries such as the Bonikro Gold Project in Cote d'Ivoire for Equigold NL and more recently, Regis Resources Ltd.

### Competent Persons Statements

The information in this report that relates to Exploration and Grade Control Results is based on information compiled by Mr Keith King, who is an employee of the Company and who is a Member of The Australasian Institute of Mining & Metallurgy. Mr Keith King has sufficient experience which is relevant to the style of mineralisation and type of deposits 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 Keith King has reviewed the contents of this release and consents to the inclusion in this announcement of all technical statements based on his information in the form and context in which it appears.

The information in this report that relates to the Mineral Resources for the Okvau Gold Deposit was prepared by EGRM Consulting Pty Ltd, Mr Brett Gossage, who is a consultant to the Company, who is a Member of the Australasian Institute of Mining & Metallurgy (AIG), and has sufficient experience 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 by the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Gossage has reviewed the contents of this news release and consents to the inclusion in this announcement of all technical statements based on his information in the form and context in which it appears.

Information in this announcement that relates to Ore Reserves for the Okvau Gold Deposit is based on, and fairly represents, information and supporting documentation prepared by Mr Glenn Williamson, an independent specialist mining consultant. Mr Williamson is a Member of the Australasian Institute of Mining & Metallurgy. Mr Williamson 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 (or "CP") as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Williamson has reviewed the contents of this news release and consents to the inclusion in this announcement of all technical statements based on his information in the form and context in which it appears.

#### **No New Information**

To the extent that announcement contains references to prior exploration results and Mineral Resource estimates, which have been cross referenced to previous market announcements made by the Company, unless explicitly stated, no new information is contained. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.