

## BOORARA MINING AND HAULAGE AHEAD OF SCHEDULE – FIRST GOLD PRODUCTION ON TRACK FOR JULY

### HIGHLIGHTS

- Mining and ore haulage progressing ahead of schedule at the Boorara gold mine, 10km east of Kalgoorlie-Boulder in the Western Australian goldfields
- Total material movement to date of 232,000 BCM, 22% above plan with the proportion of free dig material contained in both the Regal East and Regal West pits exceeding expectations
- Total ore mined to date totals 42,000t grading 1.4g/t Au, in line with the reserve model
- Haulage of the first ore parcel of 25,000t from Regal East commenced to the Lakewood Mill
- First ore treatment campaign scheduled to commence on Monday 13 July 2020
- First Stage of Boorara comprises 159,000t grading 1.86g/t Au for 8,700 ounces recovered at All in Costs of A\$1,640 – A\$1,690 per ounce<sup>1</sup>



**Figure 1: Ore haulage commences from Boorara gold mine to Lakewood Mill**

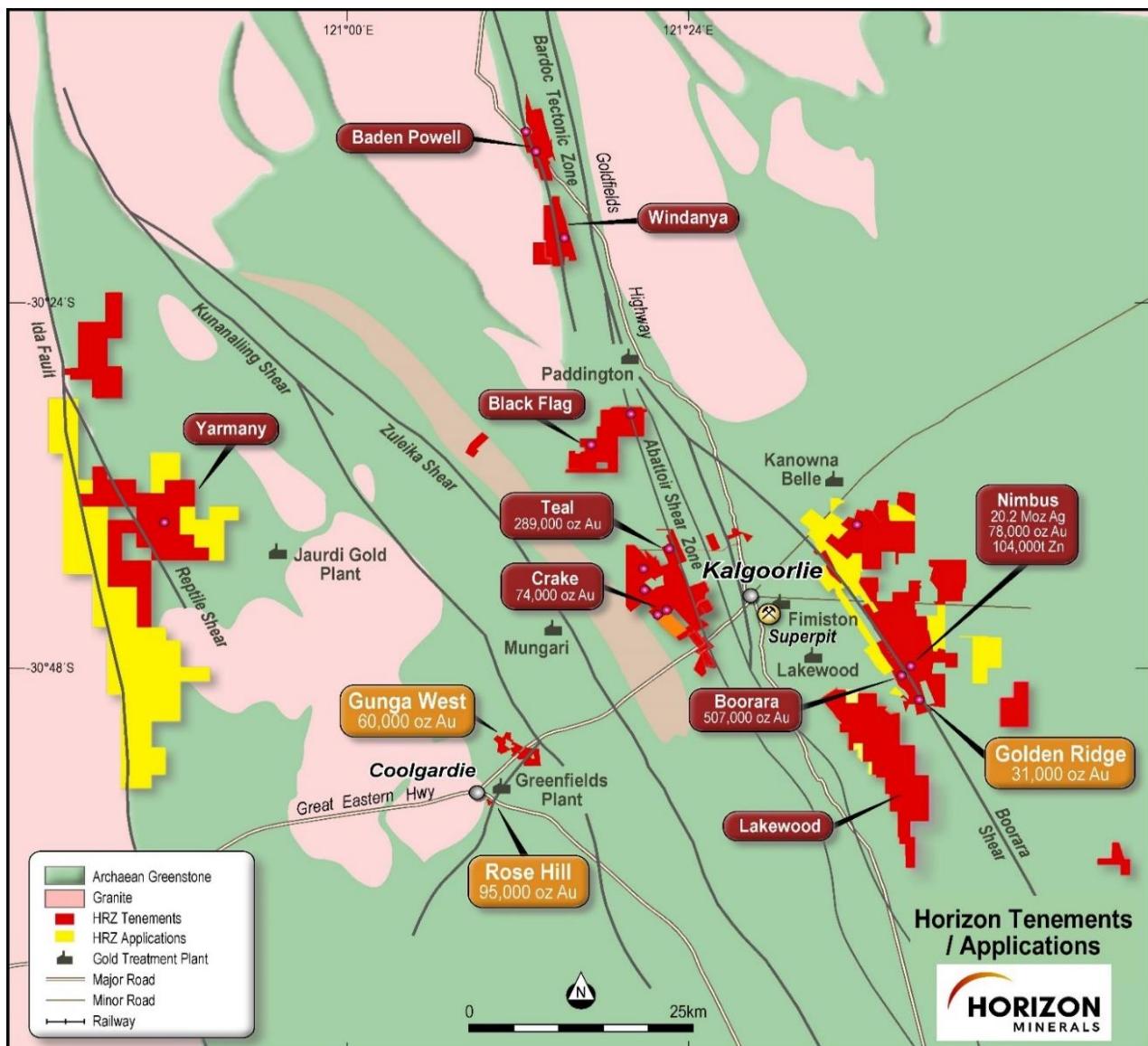
Commenting on progress at Boorara, Horizon Managing Director Mr Jon Price said:

“The site operations team and our contracting partners have done an excellent job with ore delivery ahead of schedule and grade meeting expectations. With first gold production and revenue expected in July, we look forward to completing this first stage of Boorara while progressing the Feasibility Study and re-commencing the large scale resource growth and new discovery drilling programs.”

<sup>1</sup> As announced to the ASX on 10 February and 12 May 2020

**ASX ANNOUNCEMENT**
**Overview**

Horizon Minerals Limited (ASX: HRZ) ("Horizon" or the "Company") is pleased to provide an update on mining and ore haulage from the first stage of the Boorara Gold Mine, 10km east of Kalgoorlie-Boulder in the goldfields of Western Australia (Figure 2).



**Figure 2: Horizon's Project area location, resources and surrounding infrastructure**

Mining commenced at Boorara on 6 May 2020 with first ore mining occurring shortly thereafter from the Regal East pit (Figure 3). Both Regal east and west pits will be mined concurrently to enable efficient cycling of mining production and drill and blast activities. Mining of the Crown Jewel pit will commence in the September Quarter to provide an alternative dig location as the Regal pits advance.

## ASX ANNOUNCEMENT

To date, a total movement of 232,000 BCM has been mined with approximately 42,000 tonnes of oxide and transitional ore mined at a fully diluted grade of 1.4g/t Au, in line with the reserve model estimates for the upper areas of the pits. A higher than budgeted volume of free dig material has been mined to date reducing drill and blast costs, minimising dilution and improving mine productivity.

Ore haulage from the run of mine pad at Boorara (Figure 1) has now commenced to the Lakewood Mill, located 7km east of Boorara with the first ore treatment campaign scheduled for Monday 13 July 2020. The dedicated milling campaign will treat approximately 25,000t of ore over a two week period from the Regal East pit enabling detailed mine to mill grade reconciliations. Detailed pit mapping is also being completed to improve geological understanding ahead of a global resource review to be completed as part of the consolidated Feasibility Study.

First gold production and revenue is expected in July 2020 with production continuing on a campaign basis through to January 2021.



**Figure 3: Mining progressing ahead of schedule in the Regal east open pit**

**Authorised for release by the Board of Directors**

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**ASX ANNOUNCEMENT**
**Horizon Minerals Limited – Summary of Gold Mineral Resources**

Project	Cut-off Grade	Measured			Indicated			Inferred			Total Resource		
		Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz	Mt	Au (g/t)	Oz
Teal	1.0				1.01	1.96	63,681	0.80	2.50	64,458	1.81	2.20	128,000
Jacques Find	1.0				1.60	2.24	114,854	0.32	1.68	17,135	1.91	2.14	131,970
Peyes Farm					0.31	1.65	16,313	0.22	1.77	12,547	0.53	1.70	28,860
Crake	1.0	0.46	1.85	27,459	0.48	1.49	22,569	0.33	2.22	23,792	1.27	1.82	73,820
Rosehill	0.7				0.80	2.45	63,000	0.40	2.57	32,200	1.20	2.49	95,200
Gunga west	0.6				0.71	1.60	36,435	0.48	1.50	23,433	1.19	1.56	59,869
Golden Ridge	1.0				0.47	1.83	27,921	0.05	1.71	2,797	0.52	1.82	30,718
<b>TOTAL</b>		<b>0.46</b>	<b>1.85</b>	<b>27,459</b>	<b>5.37</b>	<b>2.00</b>	<b>344,773</b>	<b>2.60</b>	<b>2.11</b>	<b>176,362</b>	<b>8.43</b>	<b>2.02</b>	<b>548,437</b>

**Horizon Minerals Limited – Summary of Vanadium / Molybdenum Mineral Resources (at 0.3% V<sub>2</sub>O<sub>5</sub> cut-off grade)**

Project	Cut-off grade %	Tonnage		Grade			Metal content (Mt)		
		(Mt)	% V <sub>2</sub> O <sub>5</sub>	ppm Mo	ppm Ni	V <sub>2</sub> O <sub>5</sub>	Mo	Ni	
Rothbury (Inf)	0.30	1,202	0.31	259	151	3.75	0.31	0.18	
Lilyvale (Ind)	0.30	430	0.50	240	291	2.15	0.10	0.10	
Lilyvale (Inf)	0.30	130	0.41	213	231	0.53	0.03	0.03	
Manfred (Inf)	0.30	76	0.35	369	249	0.26	0.03	0.02	
<b>TOTAL</b>		<b>1,838</b>	<b>0.36</b>	<b>256</b>	<b>193</b>	<b>6.65</b>	<b>0.46</b>	<b>0.36</b>	

**Confirmation**

The information in this report that relates to Horizon's Mineral Resources estimates or Ore Reserves estimates is extracted from and was originally reported in Horizon's ASX announcements "Intermin's Resources Grow to over 667,000 Ounces" dated 20 March 2018, "Crake Gold Project Continues to Grow" dated 10 December 2019, "High Grade Drill Results and Resource Update for the Rose Hill Gold Project" dated 4 February 2020 and "Richmond – Julia Creek Vanadium Project Resource Update" dated 16 June 2020, each of which is available at [www.asx.com.au](http://www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in those announcements continue to apply and have not materially changed. The Company confirms that the form and context of the Competent Person's findings in relation to those Mineral Resources estimates or Ore Reserves estimates have not been materially modified from the original market announcements.

**Macphersons Resources Limited (a 100% subsidiary of Horizon) – Summary of Mineral Resources**

Boorara Gold Resource (at a 0.5 g/t Au cut-off grade)

Category	Tonnes	Grade	Ounces
	Mt	Au (g/t)	(k'000)
<b>Measured Resource</b>	<b>6.11</b>	<b>0.92</b>	<b>181</b>
<b>Indicated Resource</b>	<b>7.26</b>	<b>0.97</b>	<b>227</b>
<b>Inferred Resource</b>	<b>3.08</b>	<b>1.00</b>	<b>99</b>
<b>Total Resource</b>	<b>16.45</b>	<b>0.96</b>	<b>507</b>

Nimbus All Lodes (bottom cuts 12 g/t Ag, 0.5% Zn, 0.3 g/t Au)

Category	Tonnes	Grade	Grade	Grade	Ounces	Ounces	Tonnes
	Mt	Ag (g/t)	Au (g/t)	Zn (%)	Ag (Moz's)	Au (k'000)	(k'000)
<b>Measured Resource</b>	<b>3.62</b>	<b>102</b>	<b>0.09</b>	<b>1.2</b>	<b>11.9</b>	<b>10</b>	<b>45</b>
<b>Indicated Resource</b>	<b>3.18</b>	<b>48</b>	<b>0.21</b>	<b>1.0</b>	<b>4.9</b>	<b>21</b>	<b>30</b>
<b>Inferred Resource</b>	<b>5.28</b>	<b>20</b>	<b>0.27</b>	<b>0.5</b>	<b>3.4</b>	<b>46</b>	<b>29</b>
<b>Total Resource</b>	<b>12.08</b>	<b>52</b>	<b>0.20</b>	<b>0.9</b>	<b>20.2</b>	<b>77</b>	<b>104</b>

Nimbus high grade silver zinc resource (500 g/t Ag bottom cut and 2800 g/t Ag top cut)

Category	Tonnes	Grade	Grade	Ounces	Tonnes
	Mt	Ag (g/t)	Zn (%)	Ag (Moz's)	(k'000)
<b>Measured Resource</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Indicated Resource</b>	<b>0.17</b>	<b>762</b>	<b>12.8</b>	<b>4.2</b>	<b>22</b>
<b>Inferred Resource</b>	<b>0.09</b>	<b>797</b>	<b>13.0</b>	<b>2.2</b>	<b>11</b>
<b>Total Resource</b>	<b>0.26</b>	<b>774</b>	<b>12.8</b>	<b>6.4</b>	<b>33</b>

**Confirmation**

The information in this report that relates to MacPhersons' Mineral Resources estimates on the Boorara Gold Project and Nimbus Silver Zinc Project is extracted from and was originally reported in Intermin's and MacPhersons' ASX Announcement "Intermin and MacPhersons Agree to Merge – Creation of a New Gold Company Horizon Minerals Ltd" dated 11 December 2018 and in MacPhersons' ASX announcements "Quarterly Activities Report" dated 25 October 2018, "BOORARA GOLD PROJECT TOTAL GOLD RESOURCE up 118% to 507,000 OUNCES" dated 6th March 2018, "New High Grade Nimbus Silver Core Averaging 968 g/t Ag" dated 10th May 2016, "Boorara Trial Open Pit Produced 1550 Ounces" dated 14 November 2016 and "Nimbus Increases Resources" dated 30th April 2015, each of which is available at [www.asx.com.au](http://www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in those announcements continue to apply and have not materially changed. The Company confirms that the form and context of the Competent Person's findings in relation to those Mineral Resources estimates have not been materially modified from the original market announcements.

**Forward Looking and Cautionary Statements**

Some statements in this report regarding estimates or future events are forward looking statements. They include indications of, and guidance on, future earnings, cash flow, costs and financial performance. Forward looking statements include, but are not limited to, statements preceded by words such as "planned", "expected", "projected", "estimated", "may", "scheduled", "intends", "anticipates", "believes", "potential", "could", "nominal", "conceptual" and similar expressions. Forward looking statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward looking statements may be affected by a range of variables that could cause actual results to differ from estimated results, and may cause the Company's actual performance and financial results in future periods to materially differ from any projections of future performance or results expressed or implied by such forward looking statements. These risks and uncertainties include but are not limited to liabilities inherent in mine development and production, geological, mining and processing technical problems, the inability to obtain any additional mine licenses, permits and other regulatory approvals required in connection with mining and third party processing operations, competition for among other things, capital, acquisition of reserves, undeveloped lands and skilled personnel, incorrect assessments of the value of acquisitions, changes in commodity prices and exchange rate, currency and interest fluctuations, various events which could disrupt operations and/or the transportation of mineral products, including labour stoppages and severe weather conditions, the demand for and availability of transportation services, the ability to secure adequate financing and management's ability to anticipate and manage the foregoing factors and risks. There can be no assurance that forward looking statements will prove to be correct.

Statements regarding plans with respect to the Company's mineral properties may contain forward looking statements in relation to future matters that can only be made where the Company has a reasonable basis for making those statements.

This announcement has been prepared in compliance with the JORC Code (2012) and the current ASX Listing Rules.

The Company believes that it has a reasonable basis for making the forward looking statements in the announcement, including with respect to any production targets and financial estimates, based on the information contained in this and previous ASX announcements.