

GOLD PRODUCTION RECOMMENCES FROM BOORARA WITH THIRD TOLL MILLING CAMPAIGN UNDERWAY

HIGHLIGHTS

- First gold poured from the third toll milling campaign from the Boorara gold mine, 10km east of Kalgoorlie-Boulder in the Western Australian goldfields
- Back to back campaign comprises processing of approximately 45,000t from the Crown Jewel and Regal West trial pits with expected grades of 1.6 – 2.0g/t Au ^{1,2}
- Estimated production from the campaign of 2,100oz – 2,600oz at 92% gold recovery generating \$5.3m – \$6.6m in revenue at the current gold price of A\$2,550 per ounce ^{1,2}
- All mining and site costs fully expensed in the September Quarter 2020 with mining completed six weeks ahead of schedule
- Remaining production costs comprise only haulage and toll milling expenditure
- A full production and cost reconciliation will be completed after the final milling campaign is completed in January 2021
- Completion of toll milling and subsequent mine to mill reconciliations will enable an updated Mineral Resource Estimate to be compiled for Boorara in the March Quarter 2021 ²
- The updated Estimate will enable an updated mine optimisation and design to be completed for the compilation of a maiden ore reserve for Boorara in the June Quarter 2021 as part of the consolidated Feasibility Study and initial mine development plan ²
- Current cash at bank of \$15 million and listed investments totalling \$5 million

Commenting on the third toll milling campaign, Horizon Managing Director Mr Jon Price said:

“With all mining and site production costs fully expensed last quarter, we look forward to the strong net cash flow expected from the final two milling campaigns and growing what is already a very healthy financial position for the Company going forward.”

“In the last six months, we have been mining, milling, drilling, consolidating and evaluating to support the larger scale development and production profile. Boorara will provide the base load feed and mill site and the satellite projects including Crake, Teal, Rose Hill and now Kalpini are being assessed to complement Boorara in the initial five year production profile.”

¹ As announced to the ASX on 10 February 2020, see also Tables and Confirmations on Pages 4-5. ² See Cautionary and Forward Looking Statements on Page 6.

Overview

Horizon Minerals Limited (ASX: HRZ) ("Horizon" or the "Company") is pleased to announce first gold production from the third toll milling campaign from trial mining at the Boorara Gold Mine, 10km east of Kalgoorlie-Boulder in the goldfields of Western Australia (Figure 1).

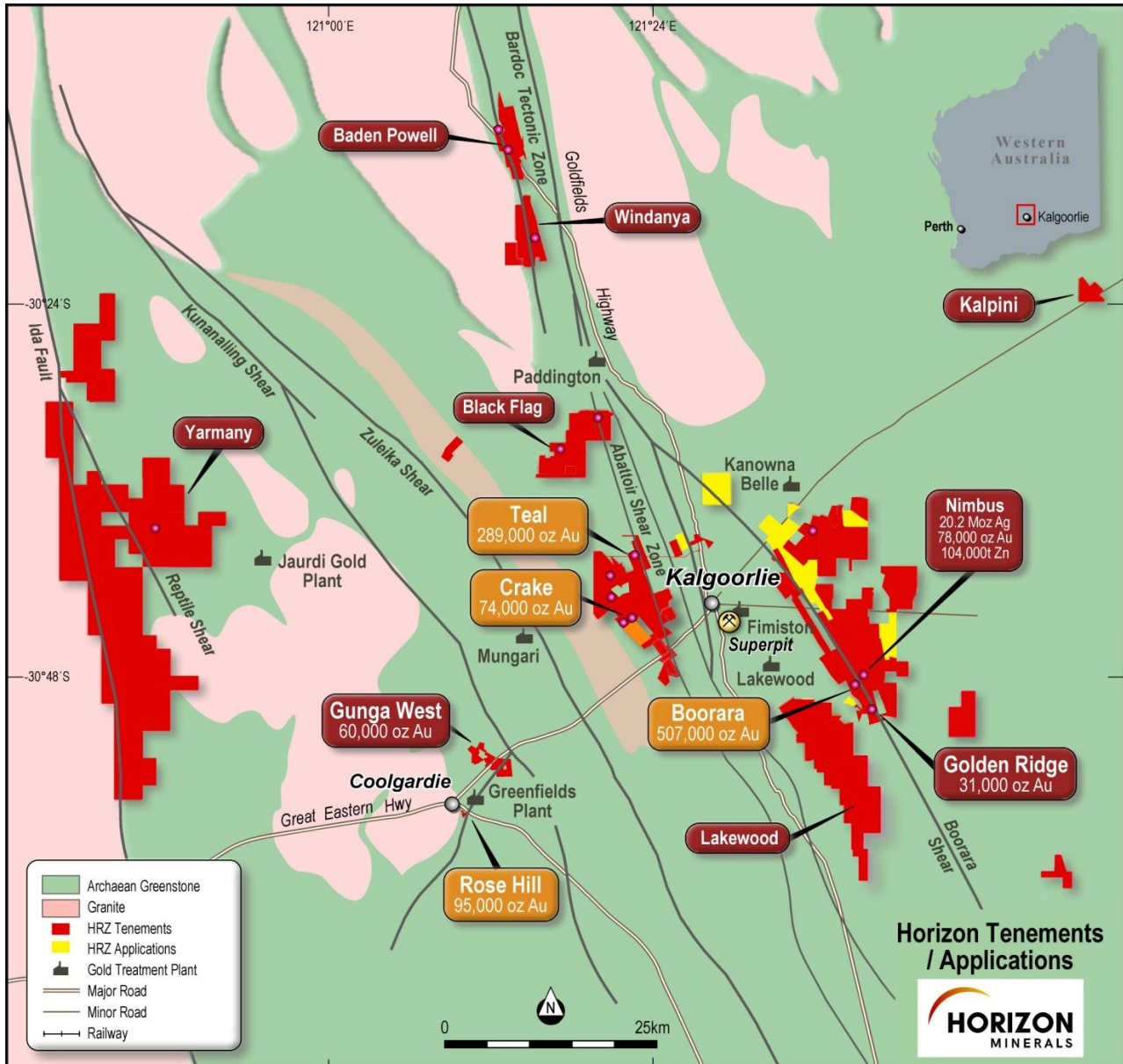


Figure 1: Horizon's Project area location, resources and surrounding infrastructure

The ultimate aim of the trial mining and toll milling from Boorara is to verify the tonnage and grade uplift potential when compared to the global resource model. Results to date has demonstrated this potential and will inform an updated Mineral Resource Estimate and a maiden Ore Reserve as part of the consolidated Feasibility Study ahead of a development decision inclusive of construction of a standalone processing facility at Boorara.

ASX ANNOUNCEMENT

In addition, toll milling has provided valuable metallurgical information on gravity recovery, reagent consumption, optimal mill set up parameters and overall recovery ahead of a potential significant capital investment for our own mill.



Figure 2: Horizon's Lydia Weeber and Jon Price with first gold poured from the Crown Jewel deposit in over 100 years

Authorised for release by the Board of Directors

For further information, please contact:

Jon Price
Managing Director
Tel: +61 8 9386 9534
jon.price@horizonminerals.com.au

Michael Vaughan
Media Relations – Fivemark Partners
Tel: +61 422 602 720
michael.vaughan@fivemark.com.au

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
TOTAL		0.46	1.85	27,459	5.37	2.00	344,773	2.60	2.11	176,362	8.43	2.02	548,437

Horizon Minerals Limited – Summary of Vanadium / Molybdenum Mineral Resources (at 0.29% V₂O₅ cut-off grade)

Project	Cut-off grade %	Tonnage	Grade			Metal content (Mt)		
		(Mt)	% V ₂ O ₅	ppm Mo	ppm Ni	V ₂ O ₅	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
TOTAL		1,838	0.36	256	193	6.65	0.46	0.36

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. 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)
Measured Resource	6.11	0.92	181
Indicated Resource	7.26	0.97	227
Inferred Resource	3.08	1.00	99
Total Resource	16.45	0.96	507

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)
Measured Resource	3.62	102	0.09	1.2	11.9	10	45
Indicated Resource	3.18	48	0.21	1.0	4.9	21	30
Inferred Resource	5.28	20	0.27	0.5	3.4	46	29
Total Resource	12.08	52	0.20	0.9	20.2	77	104

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)
Measured Resource	0	0	0	0	0
Indicated Resource	0.17	762	12.8	4.2	22
Inferred Resource	0.09	797	13.0	2.2	11
Total Resource	0.26	774	12.8	6.4	33

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. 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.