

24 January 2024

QUARTERLY ACTIVITIES REPORT FOR THE PERIOD ENDED 31 DECEMBER 2023

Key Points

- Scoping study (Study) on the Gum Creek Project near surface open pit gold resources remains on schedule for completion Q1 CY2024.
- The Study is assessing the potential to recommence production through a processing plant located at the previously permitted Gidgee mill site using open pit gold portions of the current free milling gold resource (**32.97Mt @ 1.22g/t Au for 1.30Moz**).
- The Study is based on current free milling Whittle optimised in-pit gold resources and is considering 2Mt to 3Mt per annum processing throughputs supported by different mining schedules and economic cut-off grades, using established infrastructure wherever possible and evaluating the use of renewable power options as well as local grid power.
- Rights Issue raising \$5.9 million completed, with funds used to repay the Company's debt in full, and the remaining funds to be used to complete the Study, the structural analysis and reinterpretation of the Swan and Swift deposits, and to provide general working capital.

Horizon Gold Limited (ASX: **HRN**) (**Horizon** or the **Company**) is focussed on progressing its exploration and development activities at the 100%-owned Gum Creek Gold Project (**Gum Creek** or the **Project**) located in the Mid-West Region of Western Australia (Figure 1). Gum Creek has historically produced more than 1 million ounces of gold and currently hosts a gold resource of **2.14 million ounces** (Table A). The Project covers 583km² of granted tenure over the highly prospective and underexplored Gum Creek greenstone belt, which contains 37 open pit and three underground gold mines.

Due to the ongoing exploration success and the definition of a **44.45Mt @ 1.50g/t Au for 2.14Moz** mineral resource estimate (MRE) including a **1.30 million ounce (33Mt @ 1.22g/t Au) free milling gold resource** at Gum Creek¹, Horizon has commenced a scoping study on near surface open pit gold resources to assess the potential to recommence production through a processing plant located at the previously permitted Gidgee mill site using established infrastructure wherever possible (e.g. haul roads, tailings dam, in-pit water resources, ROM pad etc.).

The Study is based on free milling Whittle optimised in-pit gold resources and considers 2Mt to 3Mt per annum processing throughputs supported by different mining schedules and economic cut-off grades. Several consultants have been engaged including Auralia Mining Consulting, Sedgman

¹ Refer to Horizon Gold Ltd ASX Announcement dated 15 May 2023 titled "19% Increase in Resources at Gum Creek Project" to which the Company confirms there has been no changes.

Limited, Tetra Tech Coffey, ECG Engineering, MBS Environmental, and Peter O'Bryan & Associates. The Study is evaluating the use of renewable power options as well as local grid power and remains on schedule for completion Q1 CY2024.

Detailed structural analysis and reinterpretation of the Swan and Swift deposit areas is continuing. Structural relogging of selected post-2004 diamond core was completed during the quarter and 3D wireframing of all mineralised zones is well advanced in preparation for resource modelling work.

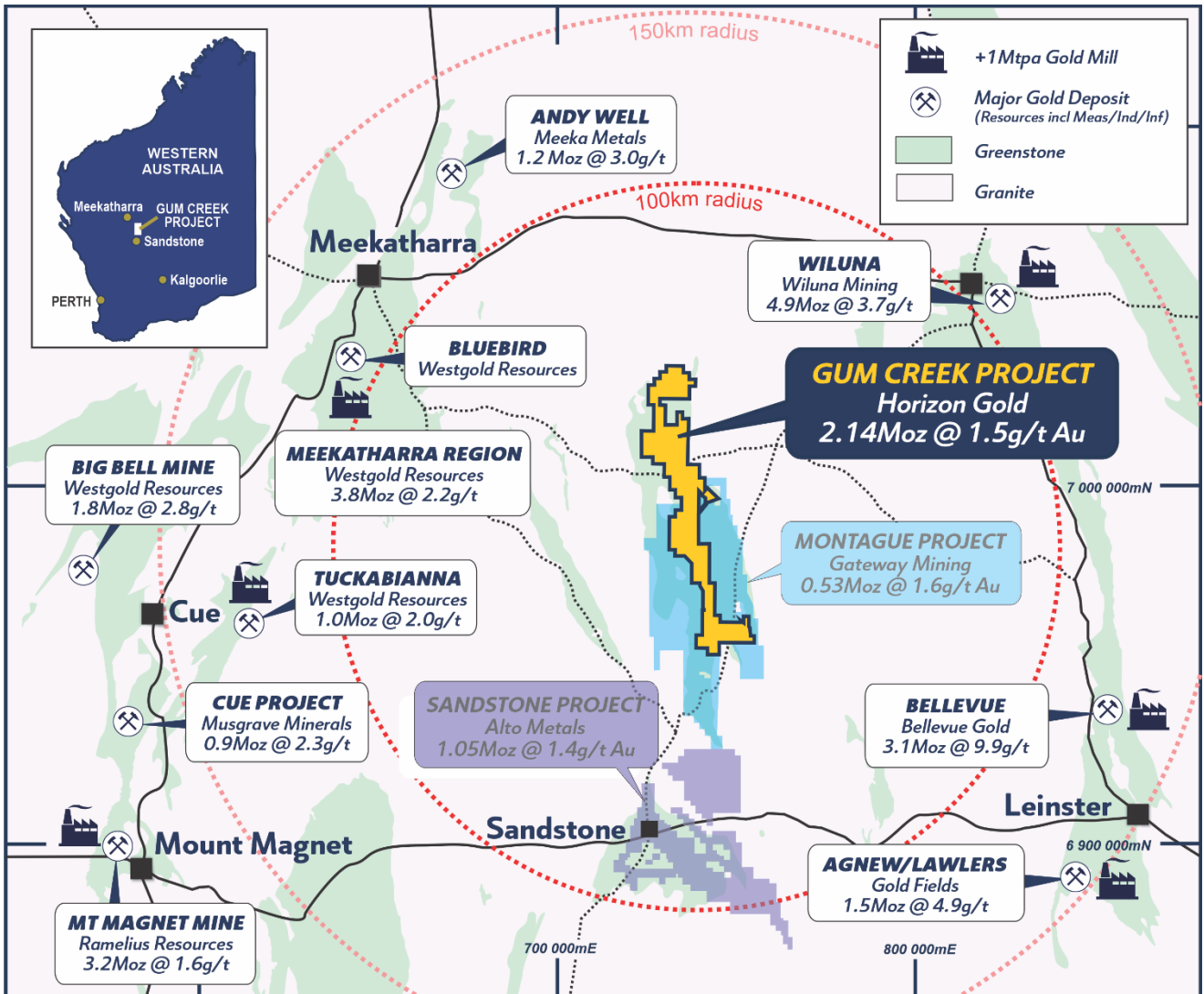


Figure 1: Gum Creek Gold Project and surrounding gold resources and gold processing operations



Corporate

Renounceable Entitlement Issue

On 4 October 2023, the Company announced a one for 5 Renounceable Entitlement Issue (“the Issue”) at \$0.30 per share, to raise up to approximately \$7,500,000.

The Company received acceptances in respect to 19,658,282 shares, representing 79% take up of the Issue. Total funds of \$5,897,485 were received during the quarter. The directors are considering whether to place the shortfall of \$1,613,386 representing 5,377,954 shares.

The new shares in relation to the issue were allotted on 13 November 2023.

Funding

As part of the Renounceable Entitlement Issue process the Company repaid in full short-term loans and interest of \$4.06 million to a subsidiary company of Horizon’s major shareholder Zeta Resources Limited. The loan facilities were unsecured, had an interest rate of 8.0% per annum and repayment was not due earlier than 31 December 2023.

Additional ASX Listing Rule Disclosures

As required by ASX Listing Rule 5.3, the Company advises it spent \$368,000 on exploration and evaluation activities during the quarter. The expenditure is predominantly related to costs associated with the Gum Creek scoping study, engineering and geotechnical consulting services, the structural analysis of the Swan-Swift area, and ongoing tenement rents and rates. There was no mining development or production activities conducted during the quarter.

The total amount paid to directors of the entity and their related parties and associates (Section 6 of Appendix 5B) was \$102,000, encompassing the Executive Director’s salary, Non-Executive Directors’ fees and associated superannuation, and \$3,000 relating to geological drafting and administration services.

As at 31 December 2023, Horizon had a cash at hand balance of \$1.512 million.

Mining Tenements

The status of the Company’s mining tenements as at 31 December 2023 are detailed in Appendix 1.

This ASX announcement was authorised for release by the Horizon Board.

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Horizon Gold Limited Mineral Resources

Table A: Gum Creek Gold Resources as at 15 May 2023

Resource	Date	Cut-off grade (g/t Au)	Indicated			Inferred			Total		
			Tonnes	Au (g/t)	Gold (oz)	Tonnes	Au (g/t)	Gold (oz)	Tonnes	Au (g/t)	Gold (oz)
Swan/Swift OC	Jul-22	0.4	9,980,000	1.09	349,500	2,735,000	0.96	84,600	12,715,000	1.06	434,100
Swan UG	Jul-22	2.5 / 3.0*	301,000	6.91	66,900	226,000	7.10	51,600	527,000	6.99	118,500
Swift UG	Jul-22	3.0	-	-	-	138,000	5.72	25,400	138,000	5.72	25,400
Wilsons UG	Jul-13	1.0	2,131,000	5.33	365,000	136,000	5.95	26,000	2,267,000	5.36	391,000
Howards	May-23	0.4	8,064,000	0.82	213,100	2,136,000	0.78	53,800	10,200,000	0.81	266,900
Kingfisher OC	May-23	0.6	621,000	1.77	35,400	269,000	1.12	9,700	890,000	1.58	45,100
Kingfisher UG	May-23	1.5	359,000	3.48	40,200	917,000	3.24	95,500	1,276,000	3.31	135,700
Heron	May-23	0.6	330,000	2.11	22,400	1,822,000	1.51	88,200	2,152,000	1.60	110,600
Heron South	May-23	0.8	720,000	1.79	41,400	761,000	1.53	37,500	1,481,000	1.66	78,900
Shiraz	May-23	0.4	2,539,000	0.70	57,300	1,064,000	0.63	21,600	3,603,000	0.68	78,900
Eagle	May-23	0.8	395,000	1.94	24,700	764,000	1.80	44,100	1,159,000	1.85	68,800
Wyooda	Jul-22	0.8	430,000	1.56	21,600	862,000	1.56	43,200	1,292,000	1.56	64,800
Snook	Jul-22	0.8	75,000	2.57	6,200	846,000	1.76	47,800	921,000	1.82	54,000
Hawk	May-23	0.6	378,000	1.28	15,500	471,000	1.25	18,900	849,000	1.26	34,400
Toedter	Aug-16	0.5	-	-	-	689,000	1.54	34,000	689,000	1.54	34,000
Specimen Well	May-23	0.8	-	-	-	529,000	1.50	25,500	529,000	1.50	25,500
Wedge	May-23	0.6	-	-	-	487,000	1.52	23,800	487,000	1.52	23,800
Camel Bore	Jul-22	0.8	379,000	1.47	17,900	100,000	1.21	3,900	479,000	1.42	21,800
Kearrys	May-23	0.6	450,000	1.24	18,000	46,000	1.35	2,000	496,000	1.25	20,000
Psi	Jul-22	0.8	100,000	2.08	6,700	226,000	1.69	12,300	326,000	1.81	19,000
Hyperno-Reliance	May-23	0.6	119,000	1.73	6,600	326,000	1.16	12,200	445,000	1.31	18,800
Melbourne Bitter	May-23	0.6	214,000	1.56	10,700	148,000	1.28	6,100	362,000	1.44	16,800
Deep South Reliance	May-23	0.6	176,000	1.64	9,300	48,000	1.56	2,400	224,000	1.62	11,700
Eagles Peak	May-23	0.6	264,000	1.19	10,100	41,000	0.99	1,300	305,000	1.16	11,400
Orion	Jul-22	0.8	69,000	1.49	3,300	182,000	1.40	8,200	251,000	1.43	11,500
Wahoo	Jul-22	0.8	-	-	-	258,000	1.25	10,400	258,000	1.25	10,400
Fangio	May-23	0.6	99,000	1.32	4,200	30,000	1.35	1,300	129,000	1.33	5,500
Total			28,193,000	1.48	1,346,000	16,257,000	1.51	791,300	44,450,000	1.50	2,137,300

* Cut-off grades are 2.5g/t Au for Swan Underground (UG) Indicated, and 3.0g/t Au for Swan UG Inferred.

** Wyooda includes the Kingston Town, Think Big and Manikato resources which are within 600m and 200m of each other respectively.

Notes: Figures have been rounded.

Table B: Altair Inferred Base Metal Mineral Resource as at 14 March 2023

Cut-off ZnEq %	Total Tonnes & Grade					Total Metal Content			
	Mt	ZnEq %	Zn %	Cu %	Ag g/t	ZnEq (Kt)	Zn (Kt)	Cu (Kt)	Ag (Moz)
2.0	7.0	2.9	1.8	0.5	5.0	200	130	30	1.1

Note: The metal equivalent calculation formula is $ZnEq \% = Zn (\%) + 2.78 \times Cu (\%) + 0.018 \times Ag (g/t)$ using metal prices of A\$4,500/t Zn, A\$12,500/t Cu and A\$30/oz Ag. Based on preliminary metallurgical studies, recoveries used were 90% for Zn, 90% for Cu, and 75% for Ag. Figures have been rounded.

Competent Persons Statement:

The information in this report that relates to Exploration Results is based on information compiled by Mr Leigh Ryan, who is a member of The Australasian Institute of Geoscientists. Mr Ryan is the Managing Director of Horizon Gold Limited and holds shares and options in the Company, Mr Ryan 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, Mineral Resources and Ore Reserves. Mr Ryan consents to the inclusion in the report of the matters based on information provided in the form and context in which it appears.

No New Information or Data:

This announcement contains references to Mineral Resource estimates, all of which have been cross referenced to previous market announcements. The Company confirms that it is not aware of any additional 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.



Forward Looking Statements:

This ASX announcement may contain certain “forward-looking statements” which may not have been based solely on historical facts, but rather may be based on the Company’s current expectations about future events and results. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward looking statements are subject to risks, uncertainties, assumptions and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to metals price volatility, currency fluctuations, as well as political and operational risks and governmental regulation and judicial outcomes.

APPENDIX 1:

(a) Horizon Group Mining Tenements held as at 31 December 2023

Lease	Location	Area of Interest	Status	Expiry Date	Holder	Horizon's Interest	Mineral Rights
E51/1538	Gidgee	Gum Creek	Granted	03-Feb-24	GUM CREEK	100%	All
E51/1844	Gidgee	Gum Creek	Granted	22-Jan-28	GUM CREEK	100%	All
E51/2027	Gidgee	Gum Creek	Granted	09-Sep-26	GUM CREEK	100%	All
E51/2028	Gidgee	Gum Creek	Granted	09-Sep-26	GUM CREEK	100%	All
E53/1725	Gidgee	Gum Creek	Granted	03-Jul-25	GUM CREEK	100%	All
E53/1955	Gidgee	Gum Creek	Granted	18-Jan-28	GUM CREEK	100%	All
E57/1104	Gidgee	Gum Creek	Granted	09-Jun-24	GUM CREEK	100%	All
E57/1105	Gidgee	Gum Creek	Granted	01-May-24	GUM CREEK	100%	All
L51/93	Gidgee	Gum Creek	Granted	24-Nov-34	GUM CREEK	100%	Infrastructure
L53/46	Gidgee	Gum Creek	Granted	28-Feb-25	GUM CREEK	100%	Infrastructure
L53/47	Gidgee	Gum Creek	Granted	26-Sep-25	GUM CREEK	100%	Infrastructure
L53/95	Gidgee	Gum Creek	Granted	13-Dec-28	GUM CREEK	100%	Infrastructure
L53/96	Gidgee	Gum Creek	Granted	13-Dec-28	GUM CREEK	100%	Infrastructure
L53/116	Gidgee	Gum Creek	Granted	30-Jul-44	GUM CREEK	100%	Infrastructure
L53/199	Gidgee	Gum Creek	Granted	29-Jul-36	GUM CREEK	100%	Infrastructure
L57/20	Gidgee	Gum Creek	Granted	20-Jun-44	GUM CREEK	100%	Infrastructure
L57/44	Gidgee	Gum Creek	Granted	12-Jun-33	GUM CREEK	100%	Infrastructure
L57/47	Gidgee	Gum Creek	Granted	13-Aug-34	GUM CREEK	100%	Infrastructure
M51/104	Gidgee	Gum Creek	Granted	11-May-29	GUM CREEK	100%	All
M51/105	Gidgee	Gum Creek	Granted	09-May-31	GUM CREEK	100%	All
M51/157	Gidgee	Gum Creek	Granted	09-Mar-30	GUM CREEK	100%	All
M51/185	Gidgee	Gum Creek	Granted	18-Feb-30	GUM CREEK	100%	All
M51/186	Gidgee	Gum Creek	Granted	18-Feb-30	GUM CREEK	100%	All
M51/290	Gidgee	Gum Creek	Granted	09-May-31	GUM CREEK	100%	All
M51/410	Gidgee	Gum Creek	Granted	10-Mar-34	GUM CREEK	100%	All
M51/458	Gidgee	Gum Creek	Granted	09-Feb-35	GUM CREEK	100%	All
M53/10	Gidgee	Gum Creek	Granted	24-Nov-25	GUM CREEK	100%	All
M53/11	Gidgee	Gum Creek	Granted	24-Nov-25	GUM CREEK	100%	All
M53/105	Gidgee	Gum Creek	Granted	29-Aug-30	GUM CREEK	100%	All
M53/153	Gidgee	Gum Creek	Granted	28-Jun-32	GUM CREEK	100%	All
M53/251	Gidgee	Gum Creek	Granted	02-Sep-34	GUM CREEK	100%	All
M53/500	Gidgee	Gum Creek	Granted	21-May-42	GUM CREEK	100%	All
M53/716	Gidgee	Gum Creek	Granted	07-Sep-40	GUM CREEK	100%	All
M53/904	Gidgee	Gum Creek	Granted	28-Sep-42	GUM CREEK	100%	All
M53/988	Gidgee	Gum Creek	Granted	12-Mar-24	GUM CREEK	100%	All
M57/634	Gidgee	Gum Creek	Granted	14-Jul-35	GUM CREEK	100%	All
M57/635	Gidgee	Gum Creek	Granted	01-Sep-35	GUM CREEK	100%	All
E53/2162	Gidgee	Gum Creek	Granted	07-Feb-27	GUM CREEK	100%	All
E53/2168	Gidgee	Gum Creek	Granted	01-Mar-27	GUM CREEK	100%	All
E57/1177	Gidgee	Gum Creek	Granted	30-Jun-27	GUM CREEK	100%	All
P53/1702*	Gidgee	Gum Creek	Granted	30-Sep-23*	GUM CREEK	100%	All
E57/1391	Gidgee	Gum Creek	Application	N/A	GUM CREEK	100%	All
E57/1405	Gidgee	Gum Creek	Application	N/A	GUM CREEK	100%	All

Lease	Location	Area of Interest	Status	Expiry Date	Holder	Horizon's Interest	Mineral Rights
E57/1407	Gidgee	Gum Creek	Application	N/A	GUM CREEK	100%	All
E51/2203	Gidgee	Gum Creek	Application	N/A	GUM CREEK	100%	All
E53/2321	Gidgee	Gum Creek	Application	N/A	GUM CREEK	100%	All
E57/1421	Gidgee	Gum Creek	Application	N/A	GUM CREEK	100%	All

E= Exploration Licence (WA) M = Mining Lease (WA) P = Prospecting Licence (WA) L = Miscellaneous Licence (WA)

Holder: GUM CREEK = Gum Creek Gold Mines Pty Ltd (100% Subsidiary of Horizon Gold Limited) * Renewal Application submitted

(b) Changes of Interest in mining tenements during the quarter

Tenement Reference and Location	Nature of Interest	Interest at beginning of Quarter	Interest at end of Quarter
E57/1100 Gidgee	Surrendered	100%	0%
E57/1093 Gidgee	Surrendered	100%	0%
E51/2203 Gidgee	Application	0%	100%
E53/2321 Gidgee	Application	0%	100%
E57/1421 Gidgee	Application	0%	100%

(c) Farm-in or farm-out changes during the Quarter

Tenement Reference and Location	Nature of Interest	Interest at beginning of Quarter	Interest at end of Quarter
Nil			