LITHIUM EXPLORATION UPDATE

HIGHLIGHTS[1]

- A small first pass, site reconnaissance soil and rock chip sampling program was completed 6 – 10 November 2023 at the newly acquired Bridgetown-Greenbushes project 250km south or Perth WA. No anomalous lithium was identified in 3 rock chip samples taken. Some encouragement was noted on E70/5981 where a micaceous felsic schist sample (MRP049763) recorded elevated values of 150ppm Be, 227ppm Rb and 128ppm Sn.
- Roadside verge soil sampling was also conducted on E70/5980-5981 and E70/6551 centred about 10km south east of the Greenbushes mine. A total of 33 samples were taken overall with several areas returning anomalous lithium up to 91.9ppm Li against a background of about 20-40ppm Li.
- 234 pulps were retrieved from the 2021-2022 RC gold program at Yarmany and resubmitted for lithium and pathfinder geochemistry late in January 2024. The RC holes targeted gold where historic drilling had discovered anomalous mineralisation. No pegmatites were logged however on a routine drilling review in 2023, large zones, 20-30m wide, of white, pallid clays beneath a transported profile were noted. Elevated results from the pulps include:
  - 4m @ 72.5ppm Cs, 30ppm Nb, 417.2ppm Rb and 55.5ppm Ta (YMRC22035 56-60m)
  - 8m @ 93ppm Li (adjacent hole YMRC21036 20-28m, background values were 20-40ppm Li)
- All but one of the 2021-2022 drill holes, including YMRC21035-21036, lie outside the proposed anomalous soil areas. The above results do not confirm pegmatites or spodumene mineralisation, they do however indicate that pathfinders and lithium are active and requires further investigation.

Commenting on the exploration results, Chief Executive Officer Mr Grant Haywood said: [2]

"Although very early days at both our Yarmany East and Greenbushes Lithium projects, it is pleasing to have begun reconnaissance and early-stage work to increase our understanding in these areas in preparation for future drill test programmes, particularly at Yarmany East where we have previously identified approximately 14km of strike of unexplored lithium anomalies. In parallel, the Company is also considering potential strategic options for our emerging lithium assets."

[1] See Table 1 and Competent Persons Statement on pages 7 and JORC Tables on Page 23. [2] See Forward Looking and Cautionary Statements on Page 8.

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Overview

Horizon Minerals Limited (ASX: HRZ) ("Horizon" or the "Company") is pleased to provide an update on our lithium projects located near Bridgetown and Coolgardie in Western Australia (Figure 1).

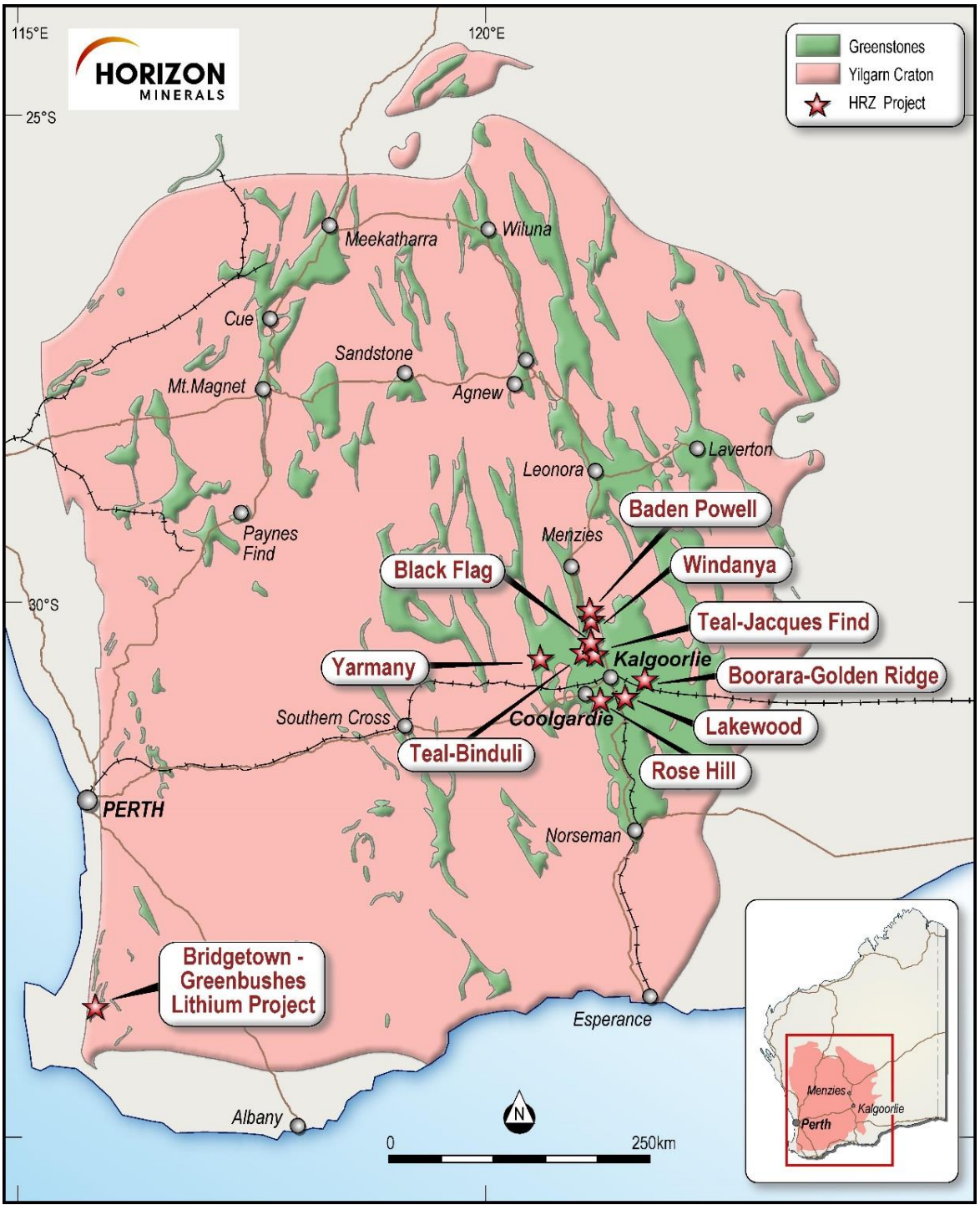

Figure 1: Horizon's Project areas showing Yarmany and Bridgetown locations

Summary of Results

Bridgetown-Greenbushes Li

First pass rock chip and soil sampling has been undertaken on the granted tenure at Horizon's Bridgetown-Greenbushes lithium projects.[1] A simple field inspection was also completed on some of the Company's new tenement applications to evaluate their potential and assist in the granting process. Some weathered pegmatite outcrops were noted on, or adjacent to, Horizon's tenure and provide visual confirmation of the prospectivity.

Early encouragement was noted on E70/5981 where a micaceous felsic schist sample (MRP049763) recorded elevated pathfinder values of 150ppm Be, 227ppm Rb and 128ppm Sn. Lithium was 3ppm only. Refer to Tables 1-2 for full details.

Thirty-three (33) soil samples were taken on roadside verges within the granted tenure and submitted to Labwest in Malaga for ultrafine multi-element analysis on 16 November 2023. The highest lithium values were located on E70/5980 North of Bridgetown and 8km southeast of Greenbushes. In addition, elevated levels of Sn-Nb are observed on E70/5980 and E70/5981. Further details are provided in Table 3. Final soil and rock chip samples were received on 5 February 2024 (which were immaterial results) and were yesterday collated and interpreted for today's announcement. There are no further results outstanding for Bridgetown tenements.

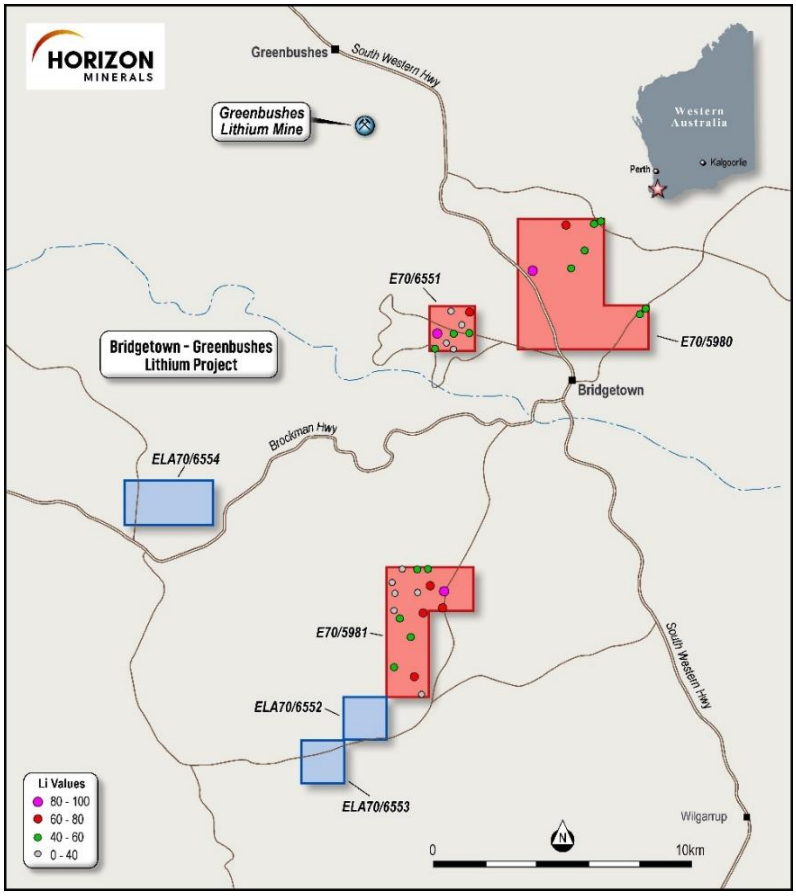

Figure 2: Bridgetown Soil Sampling Highlights

[1] Refer to the HRZ ASX announcement "Amended Significant Lithium Anomalies Identified Interested Parties" 1 December 2023.

Yarmany East Li

Following on from the ASX release on the 28 November 2023, 234 drill pulps from the 2021-2022 RC program that were originally assayed for gold only were re-submitted for multi-element analysis, including lithium and pathfinder elements. The pulps were selected where drilling had passed through significant widths (20-30m) of massive-pallid white clays. No pegmatite had been logged, but fresher and saprolitic light coloured clay and chips were noted at the time as likely being of a sedimentary and/or granitic origin.

The majority of the drilling was located outside the anomalous auger and soil areas. The re-assayed results received mid February 2024 did not positively confirm spodumene mineralisation with all Li values <100ppm. Some elevated assays up to 93ppm Li were observed alongside spot highs of 55.5ppm Ta, 417.2ppm Rb, 30ppm Nb, 11ppm Mo, 72.5ppm Cs. Full details are provided in Tables 4-5. It is unknown how minor pink fluorescence observed in chip trays truly relates to the lithium values received as drill samples are usually washed and fines removed and estimating modal abundance at a parts per million (ppm) level is difficult[1]. Nevertheless, there were no clear assays supporting significant primary lithium mineralisation in the drill holes analysed. There are no further results outstanding for the Yarmany East tenements regarding lithium samples.

An independent third party also visited Yarmany East with permission and gathered 13 samples across one of the main proposed lithium soil anomalies on E16/493 and completed multi-element assays upon different size fractions. The assaying results were consistent with, and confirmed, the proposed anomaly. These new samples are shown in Figure 3 below.

Next Steps [1]

Further infill soil and rock chip sampling is planned at the Bridgetown tenure once access approvals have been received.

The Company is also planning an infill and extension auger program, and subject to the results, will undertake further drilling activities.

The Company also has ongoing and incomplete discussions with various parties undertaking due diligence which have expressed interest in acquiring or earning in to the lithium rights at Yarmany East.

[1] See Forward Looking and Cautionary Statements on Page 8.

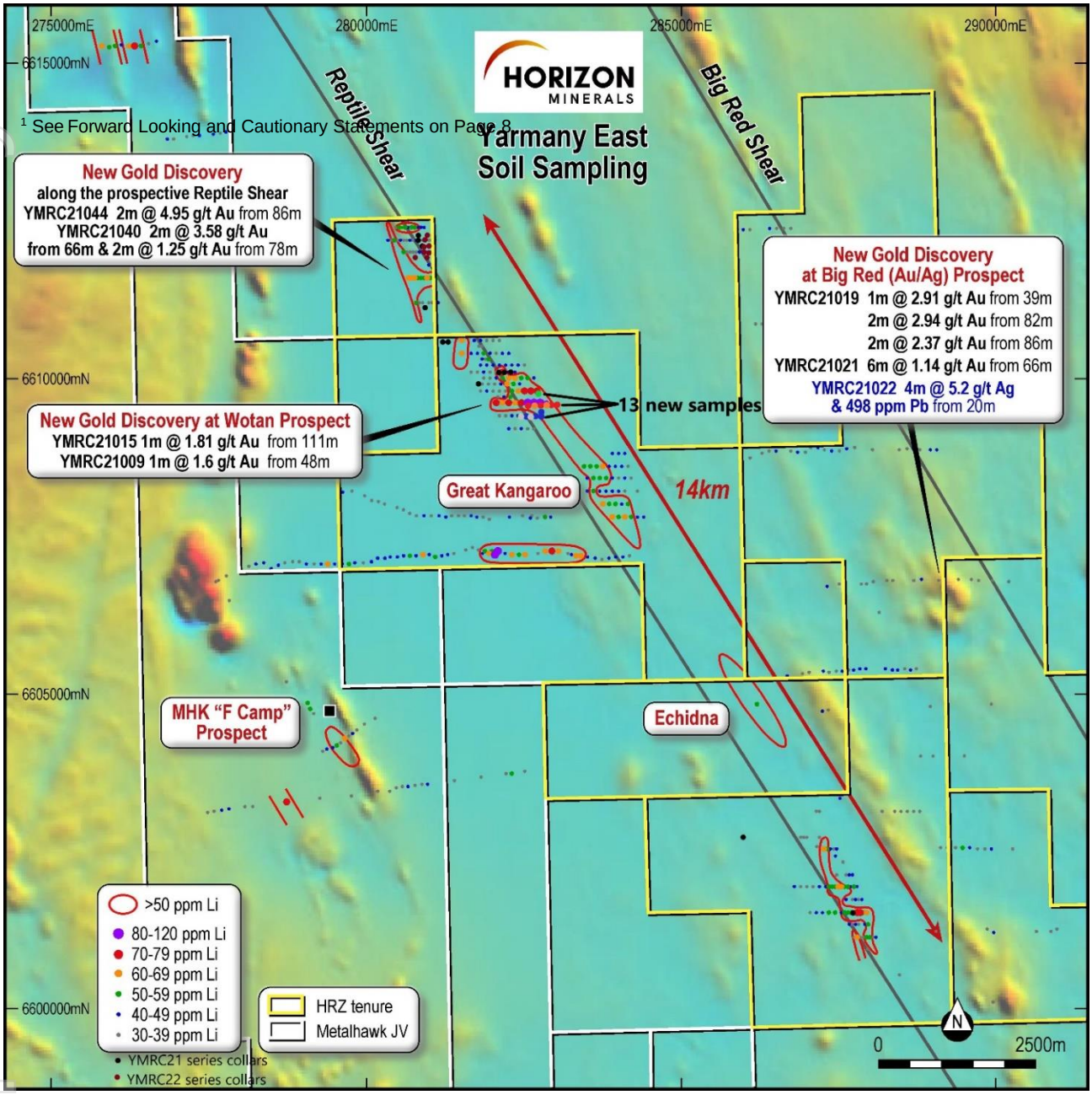

Figure 3: Yarmany East Summary

Authorised for release by the Board of Directors

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Competent Person Statement

Information in this announcement that relates to exploration results is based on information compiled by David O'Farrell who is the Exploration Manager of Horizon Minerals. Mr O'Farrell is a Member of The Australian Institute of Mining and Metallurgists (AusIMM) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking, to qualify as Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr O'Farrell consents to the inclusion in the document of the information in the form and context in which it appears.

Horizon Minerals Limited – Summary of Gold Mineral Resources

Project	Cutoff	Measured			Indicated			Inferred			Total		
	Au g/t	Mt	Au g/t	Oz	Mt	Au g/t	Oz	Mt	Au g/t	Oz	Mt	Au g/t	Oz
Boorara OP	0.5	1.28	1.23	50,630	7.19	1.27	294,140	2.6	1.3	103,470	11.03	1.26	**448,240**
Golden Ridge	1.0				0.47	1.83	27,920	0.1	1.7	2,800	0.52	1.82	**30,720**
Golden Ridge North	0.8				0.65	1.15	24,260	0.77	1.30	32,340	1.42	1.23	**56,600**
Cannon UG	1.0				0.19	4.80	28,620	0.1	2.3	3,450	0.23	4.29	**32,070**
Monument	0.8							0.39	1.97	25,000	0.39	1.97	**25,000**
Pennys Find	1.5				0.20	5.45	35,000	0.1	3.6	8,000	0.27	4.99	**43,000**
Kalpini	0.8				1.40	2.43	108,000	0.5	2.0	31,000	1.87	2.33	**139,000**
Rose Hill UG	2.0				0.33	4.50	47,100	0.2	4.8	27,800	0.51	4.60	**74,900**
Rose Hill OP	0.5	0.19	2.00	12,300	0.09	2.00	6,100				0.29	2.00	**18,400**
Jacques-Peyes	0.8				0.97	2.59	81,000	0.8	2.0	49,000	1.74	2.32	**130,000**
Teal	1.0				1.01	1.96	63,680	0.8	2.5	64,460	1.81	2.20	**128,140**
Crake	0.8				1.33	1.47	63,150	0.1	1.3	3,300	1.42	1.46	**66,450**
Coote	1.0							0.4	1.5	21,000	0.42	1.54	**21,000**
Capricorn	0.5							0.7	1.2	25,500	0.70	1.20	**25,500**
Baden Powell	0.5							0.6	1.2	23,000	0.60	1.20	**23,000**
Total		**1.47**	**1.33**	**62,930**	**13.83**	**1.75**	**779,000**	**8.16**	**1.60**	**420,120**	**23.22**	**1.69**	**1,262,000**

Confirmation

The information in this report that relates to Horizon's Mineral Resources 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, "Rose Hill firms as quality high grade open pit and underground gold project" dated 8 December 2020, "Updated Boorara Mineral Resource Delivers a 34% Increase In Gold Grade" dated 27 April 2021, "Penny's Find JV Resource Update" dated 14 July 2021, "Updated Crake Resource improves in quality" dated 7 September 2021, "Jacques Find- Peyes Farm Mineral Resource update" dated 15 September 2021 and "Kalpini Gold Project Mineral Resource Update" dated 28 September 2021, 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.

Horizon Minerals Limited – Summary of Silver / Zinc Mineral Resources

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

Category	Tonnes	Grade	Grade	Grade	Ounces	Ounces	Tonnes
	Mt	**Ag (g/t)**	**Au (g/t)**	**Zn (%)**	**Ag (Moz)**	**Au ('000oz)**	**Zn ('000t)**
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 (500g/t Ag bottom cut and 2800g/t Ag top cut)

Category	Tonnes	Grade	Grade	Ounces	Tonnes
	Mt	**Ag (g/t)**	**Zn (%)**	**Ag (Moz)**	**Zn ('000t)**
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 is this report that relates to Horizon's Mineral Resources estimates on the 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, "New High Grade Nimbus Silver Core Averaging 968 g/t Ag" dated 10th May 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) where applicable 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.

HORIZON MINERALS LTD

Table 1 Rock Chip Analysis from Bridgetown

Sample Description	Method	WEI-21	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Recvd Wt.	Ag	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cs	Cu	Dy	Er	Eu
	Units	kg	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	5	4	2	0.4	0.1	0.1	0.8	0.2	0.5	0.1	20	0.03	0.02	0.03
MRP049761		0.60	<5	<4	13	4.7	3.0	0.2	<0.8	16.3	<0.5	1.1	<20	4.63	1.76	0.11
MRP049763		0.82	<5	<4	886	150.0	0.4	0.5	<0.8	14.8	1.7	2.0	<20	1.98	0.66	0.25
MRP049764		1.48	<5	18	61	1.1	0.8	<0.1	<0.8	41.8	10.1	11.0	40	7.35	3.76	0.37

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Fe	Ca	Cd	Ce	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Nb	Nd
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.01	0.5	0.03	0.5	0.01	0.3	0.05	0.08	2	0.05	0.01	10	2	0.8	0.07
MRP049761		0.93	36.9	3.75	4.6	0.67	<0.3	2.85	6.80	<2	0.48	0.01	1540	<2	77.0	7.99
MRP049763		0.80	41.1	1.78	5.8	0.28	<0.3	5.99	7.21	3	0.13	0.02	370	<2	69.9	5.52
MRP049764		6.66	33.0	4.60	2.9	1.41	<0.3	0.89	10.90	14	0.33	0.56	150	<2	26.4	11.70

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L
	Analyte	Ni	Pb	Pr	Rb	Re	Sb	Se	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	10	0.5	0.03	0.5	0.01	0.3	3	0.04	3	20	0.04	0.01	0.5	0.1	0.005
MRP049761		<10	20.0	2.29	280	<0.01	<0.3	<3	4.02	26	<20	13.70	0.81	<0.5	3.9	<0.005
MRP049763		<10	40.4	1.76	227	<0.01	<0.3	<3	2.02	128	110	36.4	0.36	<0.5	4.3	0.021
MRP049764		30	54.9	2.94	147.5	<0.01	<0.3	<3	3.02	4	<20	2.18	1.07	<0.5	21.8	0.472

Sample Description	Method	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	ME-MS89L	CRU-QC	PUL-QC
	Analyte	Tl	Tm	U	V	W	Y	Yb	Zn	Pass2mm	Pass75um
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOD	0.02	0.01	0.2	1	0.3	0.2	0.02	10	0.01	0.01
MRP049761		1.17	0.38	3.4	4	1.1	23.7	3.26	30	98.5	98.9
MRP049763		0.95	0.13	2.3	10	1.8	9.8	1.00	10	97.8	98.7
MRP049764		1.59	0.49	12.5	163	1.1	47.8	2.64	90		91.8

Table 2. Bridgetown Rock Chip Locations

Sample ID	GPS Easting (50)	GPS Northing (50)	Tenement	Description
MRP49761	414317	6233736	E70/5981	Granitic pegmatite
MRP49763	414327	6231566	E70/5981	Micaceous felsic schist
MRP49764	407382	6235833	ELA70/6554	Rock chips from, micaceous sands

Table 3. Bridgetown Pathfinder soil sample results.

Sample	Location	Easting (50)	Northing (50)	RL	Be ppm	Cs ppm	Ga ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Li ppm
BTG230001	Bridgetown North	421017.7089	6248411.816	291.85	0.900	3.090	47.200	2.310	5.900	32.700	0.009	52.100
BTG230002	Bridgetown North	421210.1383	6248488.486	296.515	0.680	2.530	33.900	2.510	10.500	10.700	0.015	50.500
BTG230003	Bridgetown North	420675.125	6247261.261	301.752	1.110	2.360	50.300	1.130	8.200	25.600	0.017	47.500
BTG230004	Bridgetown North	420184.0549	6246497.665	274.925	0.900	1.900	53.200	1.980	7.900	13.000	0.008	47.600
BTG230005	Bridgetown North	418851.3115	6246404.859	265.705	0.710	5.580	25.100	1.930	18.800	22.200	0.008	89.800
BTG230006	Bridgetown North	420099.5468	6248300.676	290.273	0.590	4.560	45.700	3.460	9.200	22.300	0.018	65.000
BTG230007	Bridgetown North	422606.7326	6244588.048	293.791	0.610	2.620	48.000	1.060	9.400	11.800	0.006	46.200
BTG230008	Bridgetown North	422805.7867	6244853.253	289.501	0.680	3.870	44.500	1.690	13.500	13.000	0.008	59.000
BTG230009	Bridgetown South	415921.4939	6232757.86	254.061584	2.550	3.550	39.000	1.450	12.000	33.300	0.013	91.900
BTG230010	Bridgetown South	415404.7359	6232972.815	278.068726	0.500	10.500	46.300	3.180	21.300	16.600	0.013	70.200
BTG230011	Bridgetown South	415326.7466	6233722.861	282.620575	0.440	4.500	40.000	4.400	11.700	19.500	0.018	54.800
BTG230012	Bridgetown South	415865.4313	6232045.983	287.410645	4.140	2.020	35.500	0.840	4.000	19.300	0.005	71.400
BTG230013	Bridgetown South	415163.1371	6231822.682	282.864868	0.730	3.330	26.200	0.780	10.000	18.700	0.002	68.400
BTG230014	Bridgetown South	414066.4418	6233103.456	257.443085	0.730	5.650	35.000	2.190	14.800	15.200	0.008	42.300
BTG230015	Bridgetown South	414169.1017	6232666.249	274.557312	0.590	1.620	40.900	1.330	5.100	9.170	0.010	22.800
BTG230016	Bridgetown South	414964.2741	6232688.19	256.858734	1.520	2.320	45.100	1.340	12.800	7.900	0.012	37.700
BTG230017	Bridgetown South	414933.0753	6233682.398	287.649841	0.550	2.490	52.100	2.890	9.700	14.600	0.014	53.000
BTG230018	Bridgetown South	414397.3093	6233694.304	231.537933	2.410	10.200	43.800	3.980	98.300	14.200	0.016	30.300
BTG230020	Bridgetown South	414137.4113	6231927.965	261.560028	2.680	5.910	30.500	1.280	40.300	5.260	0.010	22.600
BTG230021	Bridgetown South	414335.2739	6231566.252	232.624954	2.200	11.700	37.000	2.270	103.000	5.480	0.008	48.500
BTG230022	Bridgetown South	414727.6335	6230781.351	234.45575	1.460	2.880	34.700	1.440	19.100	8.940	0.007	53.800
BTG230023	Bridgetown South	415135.7568	6228319.087	295.923767	0.780	1.960	58.900	0.650	4.000	5.990	0.007	39.200
BTG230024	Bridgetown South	414155.5195	6229500.554	299.177368	0.800	3.330	44.600	1.730	5.700	8.630	0.007	41.600
BTG230025	Bridgetown South	414881.2959	6229083.736	281.55127	1.180	4.680	32.500	2.730	12.500	7.700	0.009	66.700
BTG230026	Peninsular Road	415447.9835	6243047.086	295.821655	0.360	4.590	34.400	2.090	10.700	10.900	0.010	47.500
BTG230027	Peninsular Road	415535.3722	6243694.139	260.552429	1.030	3.610	45.400	1.530	14.300	6.770	0.010	81.600

BTG230028	Peninsular Road	416101.9631	6243698.394	278.585205	1.050	1.910	47.900	1.520	9.800	8.380	0.014	47.000
BTG230029	Peninsular Road	416658.8109	6243728.033	308.748718	1.120	2.190	40.100	1.310	7.400	9.190	0.009	41.000
BTG230030	Peninsular Road	415995.5428	6244652.888	291.053375	0.280	0.890	25.000	3.170	6.700	4.490	0.008	16.900
BTG230031	Peninsular Road	416390.566	6244068.103	301.807068	1.030	1.730	45.300	0.970	6.700	7.510	0.005	31.400
BTG230032	Peninsular Road	416111.6274	6243034.464	275.631897	0.500	1.410	26.900	1.080	9.500	6.340	0.008	18.600
BTG230033	Peninsular Road	415860.4404	6243295.493	315.601288	0.250	1.870	28.200	0.700	7.200	6.470	0.004	22.900
BTG230034	Peninsular Road	416658.1083	6244649.307	266.332031	0.710	2.890	58.800	4.880	8.900	17.400	0.019	72.200

HORIZON MINERALS LTD

Table 4. Yarmany East re-submitted samples for pathfinder analysis

Hole and Depth ID	Brief Description	Be	Cs	Ga	Li	Li2O	Mo	Nb	Rb	Sn	Ta
		FUSNM	FUSNM	FUSNM	FUSNI	FUSNI	FUSNM	FUSNM	FUSNM	FUSNM	FUSNM
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	Detection Level	1	0.2	1	10	0.002	1	2	0.5	10	0.1
YMRC21011 12 - 16	mottled clays	2	1.3	24	19	0.004	1	6	12.9	<10	1.1
YMRC21011 16 - 20	mottled-ferruginous clays	2	1.1	21	20	0.004	1	7	20.5	<10	1.1
YMRC21011 20 - 24	red/white clays	3	0.7	21	30	0.006	1	7	35.5	<10	0.9
YMRC21011 24 - 28	white clays	3	1.0	20	37	0.008	1	7	39.5	<10	1.2
YMRC21011 28 - 32	red clays	2	1.3	25	44	0.009	<1	24	30.5	<10	0.9
YMRC21033 16 - 20	white clays	2	4.7	19	31	0.007	<1	14	170.1	<10	0.6
YMRC21033 20 - 24	white/brown clays	4	2.4	19	27	0.006	1	11	113.0	<10	0.5
YMRC21036 4 - 8	mottled clays	1	1.1	43	41	0.009	3	21	5.9	<10	1.7
YMRC21036 8 - 12	yellow clays	2	0.4	31	53	0.011	<1	12	10.9	<10	0.5
YMRC21036 12 - 16	yellow clays	2	1.3	26	54	0.012	2	8	11.2	<10	0.5
YMRC21036 16 - 20	yellow clays	2	0.5	31	69	0.015	<1	7	5.3	<10	0.3
YMRC21036 20 - 24	white clays	2	0.4	33	93	0.020	<1	8	4.0	<10	0.5
YMRC21036 24 - 28	yellow clays and quartz?	2	0.8	26	92	0.020	<1	8	1.9	<10	0.6
YMRC21036 28 - 32	yellow clays	3	1.8	30	40	0.009	<1	6	19.9	<10	0.3
YMRC21036 32 - 36	brown clays	2	1.7	22	11	0.002	2	6	37.6	<10	0.2
YMRC21036 36 - 40	brown clays	3	0.9	22	19	0.004	<1	5	48.9	<10	0.1
YMRC21039 0 - 4	ferruginous clays, fragments	4	1.5	32	35	0.008	4	9	21.2	<10	0.5
YMRC21039 4 - 8	mottled clays	2	1.5	27	28	0.006	11	13	13.1	<10	0.9
YMRC21039 8 - 12	mottled/white clays	2	2.4	27	25	0.005	2	9	36.2	<10	0.5
YMRC21039 12 - 16	white clays	2	2.2	32	23	0.005	2	9	64.5	<10	0.6
YMRC21039 16 - 20	white clays	2	2.1	31	14	0.003	2	9	52.2	<10	0.5
YMRC22031 0-4	brown soils and fragments	4	1.7	18	21	0.005	4	8	24.9	<10	0.7
YMRC22031 4-8	mottled clays	3	1.1	19	26	0.006	2	7	25.7	<10	1.0
YMRC22031 8-12	mottled clays	3	1.1	26	32	0.007	2	15	15.9	<10	1.4

Hole and Depth ID	Brief Description	Be	Cs	Ga	Li	Li2O	Mo	Nb	Rb	Sn	Ta
YMRC22033 0-4	brown soils and fragments	4	2.7	26	42	0.009	7	9	41.4	<10	0.7
YMRC22033 4-8	brown clays	3	1.9	21	15	0.003	2	10	34.9	<10	0.6
YMRC22033 8-12	brown clays	2	1.9	27	35	0.007	4	9	12.2	<10	0.6
YMRC22033 12-16	brown/yellow clays	3	2.1	23	13	0.003	2	7	21.0	<10	0.3
YMRC22033 16-20	yellow clays	3	1.5	27	12	0.003	2	8	32.0	<10	0.4
YMRC22033 20-24	yellow clays	3	2.8	30	20	0.004	<1	8	43.4	<10	0.3
YMRC22033 24-28	yellow clays	3	2.3	28	24	0.005	1	8	31.6	<10	0.4
YMRC22033 28-32	yellow clays	3	1.8	25	23	0.005	2	30	46.2	<10	0.5
YMRC22033 32-36	white clays	3	2.4	26	27	0.006	2	17	50.0	<10	0.5
YMRC22033 36-40	white clays	4	1.5	26	29	0.006	2	13	45.3	<10	0.4
YMRC22033 40-44	white clays	3	2.2	26	39	0.008	<1	12	32.9	<10	0.3
YMRC22033 44-48	white clays	4	2.7	23	40	0.009	2	10	24.9	<10	0.2
YMRC22033 48-52	brown clays	4	12.9	25	41	0.009	<1	10	84.4	<10	0.2
YMRC22033 52-56	brown clays	5	6.2	31	40	0.009	1	9	90.2	<10	0.3
YMRC22036 0-4	brown soils and fragments	3	2.4	27	27	0.006	3	9	38.5	<10	0.5
YMRC22036 4-8	brown clays	2	0.7	24	23	0.005	4	10	12.4	<10	0.4
YMRC22036 8-12	brown clays	2	1.0	31	24	0.005	3	11	7.7	<10	0.6
YMRC22036 12-16	brown/white clays	4	3.1	24	15	0.003	1	8	20.1	<10	0.2
YMRC22036 16-20	white clays	5	2.3	28	15	0.003	<1	11	32.8	<10	0.3
YMRC22036 20-24	white clays	5	1.9	27	16	0.003	2	9	22.0	<10	0.3
YMRC22036 24-28	white clays and quartz	4	3.7	22	12	0.003	1	8	30.4	<10	<0.1
YMRC22036 28-32	white clays	4	6.3	29	27	0.006	1	8	52.4	<10	0.3
YMRC22036 32-36	white clays	3	4.9	26	22	0.005	1	7	49.6	<10	0.2
YMRC22036 36-40	white clays	4	4.1	26	33	0.007	1	7	32.8	<10	0.4
YMRC22036 40-44	white clays to 43m	5	41.0	28	47	0.010	1	8	79.5	<10	3.1
YMRC22037 0-4	brown soils and fragments	3	0.9	32	41	0.009	5	8	11.7	<10	0.3
YMRC22037 4-8	brown clays	3	0.6	25	23	0.005	2	10	5.8	<10	0.5
YMRC22037 8-12	white clays	3	1.0	23	29	0.006	2	10	4.8	<10	0.5

Hole and Depth ID	Brief Description	Be	Cs	Ga	Li	Li2O	Mo	Nb	Rb	Sn	Ta
YMRC22037 16-20	white clays	2	2.0	19	29	0.006	2	8	24.0	<10	0.3
YMRC22037 20-24	white clays	3	6.2	18	21	0.005	1	8	31.5	<10	0.5
YMRC22037 24-28	white clays	2	15.3	21	32	0.007	2	8	69.9	<10	1.1
YMRC22037 28-32	white clays	3	22.7	16	26	0.006	1	7	144.3	<10	0.4
YMRC22037 32-36	white clays	3	20.8	18	23	0.005	1	8	155.8	<10	0.3
YMRC22037 36-40	green clays	2	9.9	18	23	0.005	2	5	128.8	<10	0.5
YMRC22037 40-44	grey clays	4	7.5	19	20	0.004	2	6	100.7	<10	0.3
YMRC22038 16-20	brown clays	4	2.2	31	33	0.007	4	7	26.4	<10	0.8
YMRC22038 20-24	pink clays	2	1.1	25	49	0.011	2	11	9.0	<10	0.9
YMRC22038 24-28	yellow clays	2	2.3	29	37	0.008	10	8	18.6	<10	0.6
YMRC22038 28-32	white clays	3	2.8	22	23	0.005	1	7	21.5	<10	0.4
YMRC22038 32-36	white/grey clays	4	1.5	25	31	0.007	3	8	16.9	<10	0.4
YMRC22038 36-40	grey clays	3	1.4	32	32	0.007	2	9	20.6	<10	0.5
YMRC22038 40-44	white clays	3	1.6	17	16	0.004	4	5	39.7	<10	0.4
YMRC22038 44-48	white clays	3	2.1	21	21	0.004	2	6	30.0	<10	0.4
YMRC22038 48-52	white clays	4	1.2	20	20	0.004	3	7	29.8	<10	0.3
YMRC22038 52-56	white clays	3	2.1	21	21	0.004	1	8	53.9	<10	0.6
YMRC22038 56-60	white/black clays	3	2.1	23	45	0.010	1	8	25.2	<10	0.5
YMRC22038 60-64	brown clays	3	2.2	21	25	0.005	1	8	33.0	<10	0.4
YMRC22038 64-68	white clays	2	1.3	19	20	0.004	1	6	34.8	<10	0.3
YMRC22038 68-72	white clays	2	1.8	15	25	0.005	1	7	62.0	<10	0.4
YMRC22038 72-76	white clays	3	1.7	25	43	0.009	2	8	38.7	<10	0.4
YMRC22038 76-80	white/brown clays	4	1.7	26	54	0.012	2	8	40.4	<10	0.4
YMRC21007 0 - 4	white clays	4	2.3	26	51	0.011	3	10	18.5	<10	0.6
YMRC21007 4 - 8	white clays	4	1.4	31	44	0.009	2	9	13	<10	0.6
YMRC21007 8 - 12	white clays	4	1.4	29	28	0.006	2	10	14.4	<10	0.5
YMRC21007 12 - 16	white clays	2	2.2	28	30	0.006	2	8	23.4	<10	0.6
YMRC21007 16 - 20	white clays	6	2.9	26	60	0.013	2	8	16.8	<10	0.6

Hole and Depth ID	Brief Description	Be	Cs	Ga	Li	Li2O	Mo	Nb	Rb	Sn	Ta
YMRC21007 24 - 28	white clays	4	1.2	26	63	0.013	2	5	12	<10	0.5
YMRC21007 28 - 32	brown clays	3	6.2	27	40	0.009	3	8	44.7	<10	0.7
YMRC21007 100 - 104	grey/white chips	4	3.1	19	39	0.008	2	5	56.1	<10	0.5
YMRC21007 104 - 108	white chips	6	1.9	24	45	0.01	2	7	29.3	<10	0.4
YMRC21007 108 - 112	white chips	4	1.3	26	54	0.012	2	8	28.6	<10	0.5
YMRC21007 112 - 116	white chips	6	1.5	23	48	0.01	1	6	26.8	<10	0.6
YMRC21007 116 - 120	white chips	4	1.2	20	56	0.012	2	8	21.9	<10	0.5
YMRC21008 0 - 4	brownish clays	4	1.5	28	13	0.003	2	8	30	<10	0.6
YMRC21008 4 - 8	brownish clays	4	1	20	43	0.009	3	8	11	<10	0.7
YMRC21008 8 - 12	brownish clays	4	5	19	57	0.012	4	11	8.5	<10	0.8
YMRC21008 12 - 16	brownish clays	3	0.6	23	56	0.012	3	9	5.1	<10	0.7
YMRC21008 16 - 20	white clays	4	0.4	23	59	0.013	3	8	5.1	<10	0.8
YMRC21008 20 - 24	yellow clays	4	0.8	18	45	0.01	4	8	10.9	<10	0.6
YMRC21008 24 - 28	yellow clays	5	1.3	19	36	0.008	2	6	18	<10	0.4
YMRC21008 28 - 32	yellow clays	4	1.2	21	42	0.009	2	6	15.9	<10	0.5
YMRC21012 16 - 20	white clays	3	0.6	28	32	0.007	<1	7	9.7	<10	0.7
YMRC21012 20 - 24	white clays	5	0.3	30	30	0.007	<1	8	5.9	<10	0.6
YMRC21012 24 - 28	white clays	5	0.3	29	47	0.01	25	7	5.6	<10	0.6
YMRC21013 0 - 4	brown clays and fragments	4	1.4	24	37	0.008	2	7	13.7	<10	0.7
YMRC21013 4 - 8	brown clays	2	1.4	21	37	0.008	2	10	14.4	<10	0.9
YMRC21013 8 - 12	brown clays	4	1.4	26	68	0.015	2	11	12.3	<10	1
YMRC21013 12 - 16	brown clays	3	0.7	31	48	0.01	3	12	6.4	<10	1
YMRC21013 16 - 20	white clays	4	1.3	27	39	0.008	<1	9	6.7	<10	0.6
YMRC21013 20 - 24	white clays	2	0.2	27	56	0.012	<1	8	3.2	<10	0.5
YMRC21013 24 - 28	white clays	5	0.4	27	84	0.018	<1	9	8	<10	0.7
YMRC21013 28 - 32	white clays	6	0.5	28	76	0.016	<1	7	8.1	<10	0.5
YMRC21013 32 - 36	white clays	4	0.7	32	73	0.016	<1	9	13.8	<10	0.7
YMRC21013 36 - 40	white clays	5	0.6	32	78	0.017	2	8	11.1	<10	0.6

Hole and Depth ID	Brief Description	Be	Cs	Ga	Li	Li2O	Mo	Nb	Rb	Sn	Ta
YMRC21017 4 - 8	brown clays	3	1.8	30	11	0.002	2	7	23.9	<10	0.5
YMRC21017 8 - 12	white-grey clays	2	2.4	27	13	0.003	2	7	42	<10	0.6
YMRC21017 12 - 16	white-grey clays	5	1.6	26	22	0.005	3	8	38.6	<10	0.6
YMRC21017 16 - 20	white-grey clays	4	1.6	27	23	0.005	3	7	34.8	<10	0.6
YMRC21017 20 - 24	white clays	5	1.4	24	58	0.012	4	9	18.9	<10	0.9
YMRC21017 24 - 28	white-grey clays	4	1.1	27	56	0.012	3	8	18.6	<10	0.7
YMRC21017 28 - 32	white-grey clays	4	1	26	46	0.01	3	7	24.4	<10	0.7
YMRC21017 32 - 36	white-grey clays	5	1.2	22	59	0.013	3	8	11.9	<10	0.6
YMRC21017 36 - 40	white-grey clays	5	0.7	21	62	0.013	4	7	8.4	<10	0.6
YMRC21025 0 - 4	brown clays	4	1.3	20	31	0.007	2	5	29.5	<10	0.6
YMRC21025 4 - 8	mottled clays	1	0.8	20	14	0.003	2	7	17.2	<10	0.5
YMRC21025 8 - 12	white clays	4	1	28	25	0.005	1	7	13.2	<10	0.7
YMRC21025 12 - 16	white clays	4	1.6	27	27	0.006	<1	7	34.4	<10	0.7
YMRC21025 16 - 20	white clays	3	1.9	30	35	0.008	2	8	38.7	<10	0.7
YMRC21025 20 - 24	white clays	2	2.3	25	23	0.005	2	8	73.8	<10	0.7
YMRC21025 24 - 28	white clays	5	1.5	25	24	0.005	3	8	54	75	0.7
YMRC21025 28 - 32	white clays	4	2	28	32	0.007	2	9	49.7	<10	0.8
YMRC21025 32 - 36	white clays	4	1.4	25	61	0.013	2	8	27.2	<10	0.8
YMRC21025 36 - 40	white clays	4	1.4	25	40	0.009	4	7	40.1	<10	0.6
YMRC21040 0 - 4	brown clays	3	2	33	30	0.007	5	7	20.2	<10	0.7
YMRC21040 4 - 8	mottled clays	4	1.6	30	35	0.008	4	10	13.9	<10	0.8
YMRC21040 8 - 12	mottled clays	3	0.7	48	48	0.01	5	11	5.2	<10	0.8
YMRC21040 12 - 16	white clays	5	1.2	35	14	0.003	2	8	8.3	<10	0.5
YMRC21040 16 - 20	white clays	5	1.3	26	12	0.002	1	8	20.8	<10	0.5
YMRC21040 20 - 24	white clays	4	1.3	26	11	0.002	2	8	15.3	<10	0.6
YMRC21040 24 - 28	white clays	6	1.5	26	22	0.005	4	7	23.8	<10	0.5
YMRC21040 28 - 32	white clays	3	1.1	27	48	0.01	2	7	23.2	<10	0.6
YMRC21040 32 - 36	white clays	5	1.1	26	16	0.003	1	7	30.7	<10	0.5

Hole and Depth ID	Brief Description	Be	Cs	Ga	Li	Li2O	Mo	Nb	Rb	Sn	Ta
YMRC21040 40 - 44	white clays	5	1.1	23	15	0.003	2	6	28	<10	0.4
YMRC21040 44 - 48	white clays	6	4.3	24	35	0.008	1	7	35.9	<10	0.8
YMRC21040 48 - 52	white clays	3	3.2	26	33	0.007	<1	7	43.5	<10	0.6
YMRC21040 52 - 56	white clays	4	6	27	33	0.007	1	6	63.4	<10	0.5
YMRC21040 56 - 60	grey clays	4	10.6	24	23	0.005	1	6	156.6	<10	0.4
YMRC21041 0 - 4	brown clays	4	0.9	36	34	0.007	5	7	11.8	<10	0.6
YMRC21041 4 - 8	brown clays	5	0.4	24	31	0.007	3	8	6.4	<10	0.6
YMRC21041 8 - 12	mottled clays	3	0.7	17	34	0.007	6	12	5.7	<10	0.9
YMRC21041 12 - 16	white clays	4	1.9	27	40	0.009	2	7	17.2	<10	0.5
YMRC21041 16 - 20	white clays	4	4	22	33	0.007	1	7	26.2	<10	0.5
YMRC21041 20 - 24	white clays	5	**18.2**	21	29	0.006	1	6	91.5	<10	0.5
YMRC21041 24 - 28	white clays	2	14.2	20	19	0.004	1	6	96.8	<10	0.4
YMRC21041 28 - 32	white clays	5	6.2	17	13	0.003	2	6	59.4	<10	0.4
YMRC21041 32 - 36	white clays	3	11	20	39	0.008	1	6	83.4	<10	0.6
YMRC21041 36 - 40	white clays	4	8	17	27	0.006	1	5	82.4	<10	0.4
YMRC21041 40 - 44	white clays	5	3.5	21	18	0.004	1	5	52	<10	0.5
YMRC21041 44 - 48	white clays	2	8.7	20	19	0.004	1	5	78.7	<10	0.4
YMRC21041 48 - 52	grey clays	5	9.5	20	20	0.004	1	5	110.8	<10	0.4
YMRC21045 0 - 4	brown clays	5	2.5	24	31	0.007	3	9	36	<10	0.9
YMRC21045 4 - 8	mottled clays	4	1.7	30	42	0.009	3	10	18.4	<10	2.3
YMRC21045 8 - 12	mottled clays	2	0.7	53	32	0.007	4	12	8	<10	1
YMRC21045 12 - 16	white clays	5	0.7	36	13	0.003	1	8	8.5	<10	0.6
YMRC21045 16 - 20	white clays	5	0.9	26	14	0.003	1	8	17.4	<10	0.5
YMRC21045 20 - 24	white clays	3	0.9	28	19	0.004	1	8	17.1	<10	0.7
YMRC21045 24 - 28	white clays	4	0.8	23	15	0.003	2	8	20.7	<10	0.5
YMRC21045 28 - 32	white clays	4	1	28	15	0.003	1	7	29.7	<10	0.6
YMRC21045 32 - 36	white clays	4	1.3	22	15	0.003	2	6	39	<10	0.5
YMRC21045 36 - 40	white clays	3	1.7	21	24	0.005	2	6	36.3	<10	0.6

Hole and Depth ID	Brief Description	Be	Cs	Ga	Li	Li2O	Mo	Nb	Rb	Sn	Ta
YMRC21045 44 - 48	white clays	5	1.4	22	31	0.007	2	6	24.5	<10	0.4
YMRC21045 48 - 52	white clays	4	2.2	25	23	0.005	1	6	47.4	<10	0.5
YMRC21045 52 - 56	white clays	6	7.8	32	20	0.004	<1	7	67.3	<10	0.5
YMRC21045 56 - 60	brown clays	6	14.2	25	18	0.004	4	6	173.4	<10	0.6
YMRC21046 0 - 4	brown clays	5	2.1	32	19	0.004	21	7	31.4	<10	0.7
YMRC21046 4 - 8	brown clays	5	1.5	26	28	0.006	2	9	10.6	<10	0.7
YMRC21046 8 - 12	brown clays	2	1.8	36	19	0.004	3	11	32.7	<10	1
YMRC21046 12 - 16	grey clays	5	1.4	36	11	0.002	<1	8	56.1	<10	0.8
YMRC21046 16 - 20	grey clays	4	0.9	28	<10	<0.002	<1	8	40	<10	0.6
YMRC21046 20 - 24	grey clays	6	1.2	27	<10	<0.002	<1	8	55.4	<10	0.7
YMRC21046 24 - 28	grey clays	6	1.3	24	12	0.003	<1	7	43.9	<10	0.7
YMRC21046 28 - 32	white clays	5	1.7	24	26	0.006	<1	6	38.6	<10	0.6
YMRC21046 32 - 36	white clays	4	2.1	26	36	0.008	1	7	34.7	<10	0.5
YMRC21046 36 - 40	white clays	7	1.1	20	44	0.01	3	5	23.8	<10	0.4
YMRC21046 40 - 44	white clays	5	0.6	24	33	0.007	4	6	12.7	<10	0.5
YMRC21046 44 - 48	yellow clays	5	0.6	24	33	0.007	5	6	9.5	<10	0.4
YMRC21046 48 - 52	yellow clays	5	0.9	26	31	0.007	4	6	10.2	<10	0.4
YMRC21046 52 - 56	yellow clays	3	0.9	34	38	0.008	5	9	10.6	<10	0.6
YMRC21046 56 - 60	yellow clays	4	4.4	29	32	0.007	6	7	16.6	<10	0.5
YMRC22032 0-4	brown clays	2	2.3	19	25	0.005	4	8	39.2	<10	0.6
YMRC22032 4-8	white clays	2	1.8	27	21	0.005	3	10	26.9	<10	0.9
YMRC22032 8-12	white clays	2	0.6	35	36	0.008	5	14	6	<10	1.2
YMRC22032 12-16	white clays	3	1	29	29	0.006	5	12	10.1	<10	0.9
YMRC22032 16-20	white clays	3	2.6	29	14	0.003	2	8	38.7	<10	0.5
YMRC22032 20-24	white clays	2	2.7	27	17	0.004	2	9	46.4	<10	0.6
YMRC22032 24-28	white clays	3	3.3	28	25	0.005	2	9	54.7	<10	0.7
YMRC22032 28-32	white clays	2	2.1	24	21	0.004	1	8	48.7	<10	0.5
YMRC22032 32-36	white clays	5	1.5	30	35	0.008	<1	8	45.1	<10	0.5

Hole and Depth ID	Brief Description	Be	Cs	Ga	Li	Li2O	Mo	Nb	Rb	Sn	Ta
YMRC22032 40-44	white clays	4	2	36	32	0.007	1	8	40.9	<10	0.5
YMRC22032 44-48	white clays	3	3.1	29	27	0.006	2	8	39.3	<10	0.5
YMRC22032 48-52	grey clays	1	8.6	22	35	0.008	2	7	83.4	<10	0.5
YMRC22032 52-56	grey clays	3	13.1	24	22	0.005	6	6	159.5	<10	0.4
YMRC22032 56-60	grey/white clays	4	13.2	21	20	0.004	27	6	187.6	<10	0.4
YMRC22034 0-4	brown clays	4	1.5	32	23	0.005	4	7	23.2	<10	0.5
YMRC22034 4-8	brown clays	2	1.5	29	47	0.01	4	10	15.1	<10	0.8
YMRC22034 8-12	white clays	2	0.5	28	25	0.005	4	14	5.9	<10	1.1
YMRC22034 12-16	white clays	3	1.4	43	12	0.003	2	10	12.6	<10	0.6
YMRC22034 16-20	white clays	<1	1.1	30	13	0.003	<1	8	15.3	<10	0.6
YMRC22034 20-24	white clays	4	1.1	29	26	0.006	1	8	20.7	<10	0.5
YMRC22034 24-28	white clays	4	1	28	18	0.004	1	9	6.9	<10	0.6
YMRC22034 28-32	white clays	3	1.8	24	21	0.005	1	9	16.8	<10	0.7
YMRC22034 32-36	white clays	4	1.3	28	25	0.005	<1	9	22	<10	0.6
YMRC22034 36-40	white clays	3	2.4	27	21	0.004	2	9	36.6	<10	0.6
YMRC22034 40-44	yellow clays	2	3.3	22	25	0.005	2	7	43.1	<10	0.5
YMRC22034 44-48	yellow clays	4	1.6	21	25	0.005	3	6	34	<10	0.5
YMRC22034 48-52	brown clays	3	7.4	23	34	0.007	2	5	48.3	<10	0.5
YMRC22034 52-56	brown clays	4	11.7	23	30	0.006	2	5	139.3	<10	0.4
YMRC22034 56-60	brown clays	3	6.2	30	33	0.007	1	7	109.7	<10	0.4
YMRC22035 0-4	brown clays	2	1.9	32	16	0.003	4	7	20.4	<10	0.4
YMRC22035 4-8	brown clays	<1	2	33	27	0.006	5	9	16.2	<10	0.7
YMRC22035 8-12	white clays	2	1	28	26	0.006	2	12	6.2	<10	0.8
YMRC22035 12-16	white clays	4	2.2	31	14	0.003	<1	8	31.5	<10	0.6
YMRC22035 16-20	grey clays	4	1.4	27	14	0.003	1	9	25.5	<10	0.5
YMRC22035 20-24	grey clays	4	2.3	30	23	0.005	1	8	40.3	<10	0.6
YMRC22035 24-28	grey clays	2	1.6	22	21	0.004	1	7	24.3	<10	0.7
YMRC22035 28-32	grey clays	3	1.3	26	20	0.004	2	7	21.8	<10	0.5

Hole and Depth ID	Brief Description	Be	Cs	Ga	Li	Li2O	Mo	Nb	Rb	Sn	Ta
YMRC22035 36-40	white clays	2	3	27	23	0.005	1	7	57.1	<10	0.4
YMRC22035 40-44	white clays	2	3.2	24	41	0.009	2	7	50	<10	0.4
YMRC22035 44-48	white clays	3	2.8	21	40	0.009	3	7	38.4	<10	0.5
YMRC22035 48-52	white clays	2	3.7	28	36	0.008	2	9	46.4	<10	0.5
YMRC22035 52-56	white clays	3	4.2	25	36	0.008	2	7	40.2	<10	0.6
YMRC22035 56-60	white clays	5	72.5	30	32	0.007	11	30	417.2	<10	55.5

Table 5. Yarmany East Collar Summary

Hole ID	East (51)	North (51)	Depth (m)	Dip	Azimuth
YMRC21007	281225	6610628	120	-60	75
YMRC21008	281258	6610636	96	-60	75
YMRC21011	282100	6610100	100	-60	90
YMRC21012	282160	6610100	83	-60	90
YMRC21013	282220	6610100	108	-60	90
YMRC21017	281790	6609900	108	-60	90
YMRC21025	284260	6604255	100	-60	90
YMRC21033	287700	6601500	54	-60	90
YMRC21036	286052	6602040	100	-60	90
YMRC21039	280760	6612260	114	-60	90
YMRC21040	280880	6612140	114	-60	90
YMRC21041	280740	6611930	100	-60	90
YMRC21045	280865	6612193	102	-60	90
YMRC21046	280825	6612193	130	-60	90
YMRC22031	281027	6612257	95	-60	90
YMRC22032	280903	6612193	90	-60	90
YMRC22033	280948	6612139	80	-60	90
YMRC22034	280880	6612100	120	-60	90
YMRC22035	280880	6612020	125	-60	90
YMRC22036	280940	6612020	100	-60	90
YMRC22037	280704	6611931	120	-60	90
YMRC22038	280902	6611940	127	-60	90

Appendix 1 – Bridgetown and Yarmany East Prospects

JORC Code (2012) Table 1, Section 1 and 2

Mr David O'Farrell, Exploration Manager compiled the information in Section 1 and Section 2 of the following JORC Table 1 and is the Competent Person for those sections. The following Table and Sections are provided to ensure compliance with the JORC Code (2012 edition) requirements for the reporting of Mineral Resources. For further detail, please refer to the announcements made to the ASX by Intermin Resources Ltd and Horizon Minerals Ltd (2019-2023) relating to previous or historic work.

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	*Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.*	• 4m composite samples taken with a hand size aluminium scoop being thrust into samples piles on the ground. 1m single splits taken off rig with cone splitter and later submitted to lab if >0.2 g/t. Average sample weights about 1.5-2kg. Single metre splits were taken off a cyclone. • Soil samples taken with a hand shovel digging a hole to the soil B horizon, typically around 30cm deep. Approximately 400g of soils from the bottom of the hole was then sieved to -2mm and collected in an envelope. • Rock chips were collected via breaking available larger rocks into small pieces.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	• For RC drilling regular air and manual cleaning of cyclone to remove hung up clays where present. Standards & replicate assays taken by the laboratory. Based on statistical analysis of these results, there is no evidence to suggest the samples are not representative.
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or	• RC was used to obtain 1m samples from which approximately 1.5-2kg was pulverised to produce a 50 g charge for fire assay. RC chips were geologically logged over 1m intervals, initially sampled over 4m composite intervals and then specific anomalous intervals were sampled over 1m intervals. Depending on the final hole depth, the maximum composite interval was 4m and minimum was 1m. Samples assayed for Au only for this program. • This ASX release reference the multi-element work conducted in early 2024 by re-submitting the original pulps collected from the laboratories and the 2021-2022 RC programs.

Criteria	JORC Code explanation	Commentary
	mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	
Drilling techniques	*Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• RC drilling was typically using a 5 ¼" hammer bit.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.* *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• RC recovery and meterage was assessed by comparing drill chip volumes (sample bags or piles) for individual meters. Estimates of sample recoveries were recorded. Routine checks for correct sample depths are undertaken every RC rod (6m). RC sample recoveries were visually checked for recovery, moisture and contamination. The cyclone was routinely cleaned ensuring no material build up. • Due to the generally good/standard drilling conditions around sample intervals (dry) the geologist believes the samples are reasonably representative, some bias would occur in the advent of poor sample recovery which was logged and was encountered. 2024 resamples were mostly in the dry, weathered oxide zone. • No sample bias has been identified to date. Further studies are ongoing.
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.*	• Drill chip logging and core was completed on one metre or selected intervals at the rig by the geologist. The log was made onto standard logging descriptive sheets using a geobank software and a field toughbook pc, and later transferred into Micromine software once back at the office. • Logging was qualitative in nature. • Brief sample descriptions, mainly colour logging is shown in Table 4. • All intervals logged for RC drilling.

Criteria	JORC Code explanation	Commentary
	The total length and percentage of the relevant intersections logged.	
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.* *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• 4m composite and 1m RC samples taken. Standards, blanks and duplicates are routinely inserted in the 1m sampling. • Single splits were automatically taken by off the rig, 4m composites were generated by HRZ geologists. Samples collected in mineralisation were all dry except for some at depth and these were recorded on logs. • For Horizon samples, no duplicate 4m composites were taken in the field. • Samples were consistent and weighed approximately 1.5-2.5 kg and it is common practice to review 1m results and then review sampling procedures to suit. • Once samples arrived in Kalgoorlie, further work including duplicates and QC was undertaken at the laboratory. Horizon has determined that there is insufficient drill data density to inform an updated Mineral Resource Estimate with the current level of data. • Mineralisation is located in weathered and fresh granitic intrusives, volcanics and sediments. The sample size is standard practice in the WA Goldfields to ensure representivity
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times,*	• The re-submitted 2024m composite pulps were assayed by Jinnings accredited Labs (Kalgoorlie). • Assaying was Peroxide Fusion, HCL digest and ICP-OES and ICP-MS finish. • Laboratory QA/QC involves the use of internal lab standards using certified reference material, blanks, splits and replicates as part of the in-house procedures. QC results (blanks, duplicates, standards) were in line with commercial procedures, reproducibility and accuracy. • Soil and rock chip samples were analysed by Labwest (Malaga) using the Ultrafine technique and aqua regia microwave digest

Criteria	JORC Code explanation	Commentary
	calibrations factors applied and their derivation, etc. *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.* *The use of twinned holes.* *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* *Discuss any adjustment to assay data.*	• Work was supervised by senior Jinning and Labwest staff experienced in metals assaying. QC data reports confirming the sample quality are supplied. • Primary storage in an SQL database on a server in the Perth office. • Archival data storage as PDF/XL files on company server in the Perth office. • No data was adjusted. • No twin holes were drilled.
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* *Specification of the grid system used.* *Quality and adequacy of topographic control.*	• All drill collar locations were initially pegged and surveyed using a handheld Garmin GPS, accurate to within 3-5m. All reported coordinates are referenced to an MGA grid. The topography is flat at the location of the drilling. Down hole surveys were taken. • Grid MGA94 Zone 50 (Bridgetown) and Zone 51 (Yarmany East) • Topography is very flat, small differences in elevation between drill holes will have little effect on mineralisation widths on initial interpretation.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.* *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the*	• Holes were variably spaced and were consistent with industry standard resource style drilling in accordance with the collar details/coordinates supplied in Table 1. • The hole spacing was determined by Horizon to be sufficient when combined with confirmed historic drilling results to define mineralisation in preparation for a JORC (2012) Resource Estimate.

Criteria	JORC Code explanation	Commentary
	Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. *Whether sample compositing has been applied.*	
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Drilling angle or vertical holes in cases is deemed to be appropriate to intersect the oxide and primary mineralisation and potential residual dipping structures. All the prospects used angled holes to intersect shallow or steep dipping lodes. In this case the intercept width is likely to be close (~75%) to the true width however, further drilling and modelling is typically undertaken. • The relationship between the drilling orientation and the orientation of mineralised structures is not considered to have introduced a sampling bias. Given the style of mineralisation and drill spacing/method, it is the most common routine for delineating shallow gold resources in Australia.
Sample security	*The measures taken to ensure sample security.*	• Samples were collected on site under supervision of the responsible geologist. The work site is on a destocked pastoral station. Visitors need permission to visit site. Once collected samples were bagged and transported to Kalgoorlie/Perth for analysis. Dispatch and consignment notes were delivered and checked for discrepancies.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	• No Audits have been commissioned. Earlier internal audits have been completed at other projects, that have involved the same exploration and drilling/sampling procedures.

Section 2: Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding*	• Bridgetown (E70/5980-5971, E70/6551). No third-party JV partners involved. • Yarmany East (E16/493, E16/494, E16/470, E16/471), No third-party JV partners involved. • The tenements are in good standing and no known impediments exist.

Criteria	JORC Code explanation	Commentary
	royalties, native title interests, historical sites, wilderness or national park and environmental settings. *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	• There has been little to no recorded lithium exploration work on the Yarmany East or Bridgetown tenements. All work and results have bene generated by Horizon Minerals.
Geology	*Deposit type, geological setting and style of mineralisation.*	• Pegmatites associated with Archaean greenstones.
Drill hole Information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* • *easting and northing of the drill hole collar* • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *dip and azimuth of the hole* • *down hole length and interception depth* • *hole length.* *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person*	• See Tables 1-5. • No information is excluded.

Criteria	JORC Code explanation	Commentary
	should clearly explain why this is the case.	
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No weighting or averaging calculations were made, assays reported and compiled are as tabulated in Tables 1-5. • All assay intervals reported in Table 4 are 4m composite pulps from downhole intervals. • No metal equivalent calculations were applied.
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is*	• Potentially elevated numbers in oxide could be due to supergene type remobilisation and concentration. • No definitive inferences can be made on the results presented in Table 4.

Criteria	JORC Code explanation	Commentary
	known, its nature should be reported. *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• See Figure 1-3.
Balanced reporting	*Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All results from granted tenure are presented in Tables 1-5.
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• See details from previous ASX releases from Horizon Minerals Limited (ASX; HRZ). These can be accessed via the internet.

Criteria	JORC Code explanation	Commentary
Further work	*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Follow up work is planned for both Yarmany East and Bridgetwon. This will likely comprise soil and auger geochemistry and AC or RC drilling when approvals have been received.