



# ANNUAL GENERAL MEETING PRESENTATION

NOVEMBER 2021



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The presentation contains 'forward-looking statements'. As set out in more detail on Slide 20, by their nature, forward-looking statements involve known and unknown risks, uncertainties and other factors because they relate to events and depend on circumstances that may or may not occur in the future, and assumptions which may or may not prove to be correct (and may be beyond the Company's ability to control or predict), any (or all) of which may cause the actual results or performance of the Company to be materially different from the results or performance expressed or implied by such forward-looking statements. No representation is made that any forward-looking statement will come to pass, that any forecast result will be achieved, or that any assumption on which a forward-looking statement is based is reasonable. Forward-looking statements are made as at the date of this Presentation, and the Company disclaims any obligation or undertaking to release any update of, or revision to, any forward-looking statement contained in this Presentation. contains information relating to Mineral Resources estimates and Ore Reserves estimates. All persons reviewing this Presentation should refer to the JORC resource statements and competent person confirmations in the Appendix to this Presentation (slides 18 and 19).

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As noted above, some statements in this Presentation 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

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# MINERALS EXPLORER IN THE HEART OF THE GOLDFIELDS

Horizon Minerals is an explorer with highly strategic projects in the Kalgoorlie and Coolgardie regions and exposure to multiple commodities within Australia

**+1.13Moz<sup>1</sup>**

Mineral Resources

**1,100 sq km**

Large, strategic WA Goldfields landholding

**+A\$15M**

Cash/investments to support growth strategy

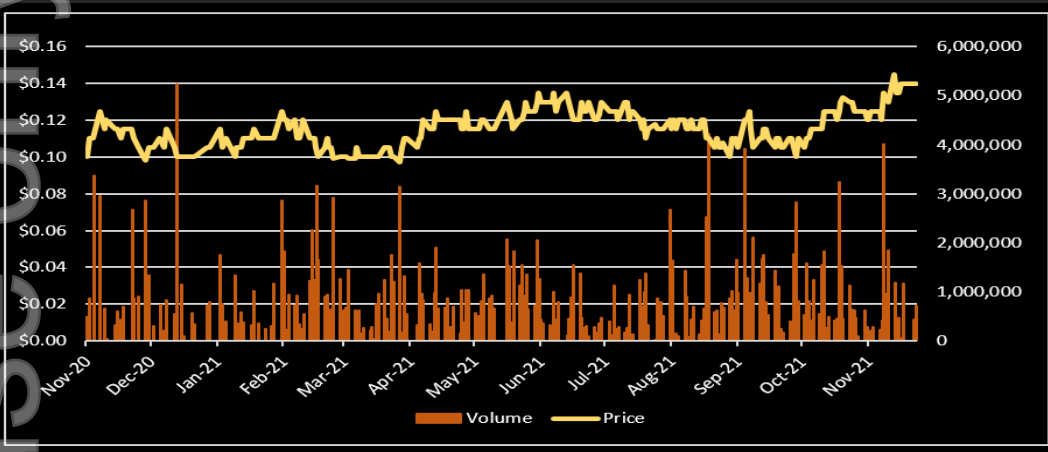
**50,000m**

CY21 drilling program continues with up to four rigs on site<sup>2</sup>

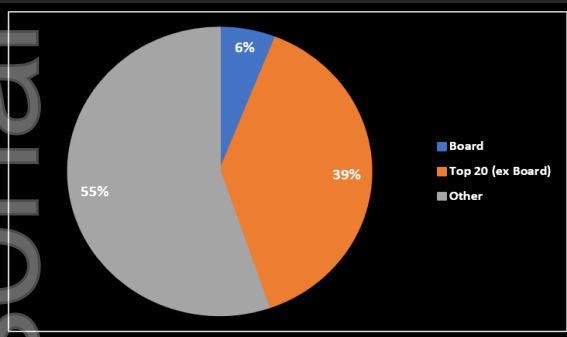


# CORPORATE SNAPSHOT

## Share Price History



## Shareholder Breakdown



## Capital Structure <sup>1</sup>

Shares	M	567.9
Unlisted Options	M	24.0
Share price	A\$	0.14
Market capitalisation	A\$M	80.1
Cash position + listed investments	A\$M	15.1
Debt	A\$M	Nil
Enterprise value	A\$M	~65.0

## Board and Management <sup>2</sup>

Ashok Parekh	Non-Executive Chair
Peter Bilbe	Non-Executive Director
Jon Price	Managing Director
Grant Haywood	Chief Operating Officer
Julian Tambyrajah	Chief Financial Officer and Co Sec
David O'Farrell	Exploration Manager

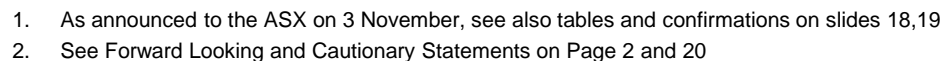


# 2021 IN REVIEW

- Completed infill drilling program on seven core projects for updated resources and ore reserve generation
  - 1.13Moz in Mineral Resource with 76% in M&I categories <sup>1</sup>
- Commenced largest ever exploration and growth drilling program across the 1,100km<sup>2</sup> portfolio
  - Excellent drilling results and new discoveries below cover
- Completed trial mining and toll milling to de-risk Boorara
  - Generated \$4m in cash and improved resource quality
- Acquired a number of high grade assets within close proximity
  - Kalpini, Cannon, Penny's Find, Glandore, Cowarna and Phoenix
- Divested non-core assets for cash and shares and put into quality companies
  - CYM, RDT, MHK, RWD, KWR totalling ~\$10M in value creation <sup>1</sup>
- Advanced Richmond vanadium and retained Nimbus silver
- Managed through COVID, labour tightness and assay delays

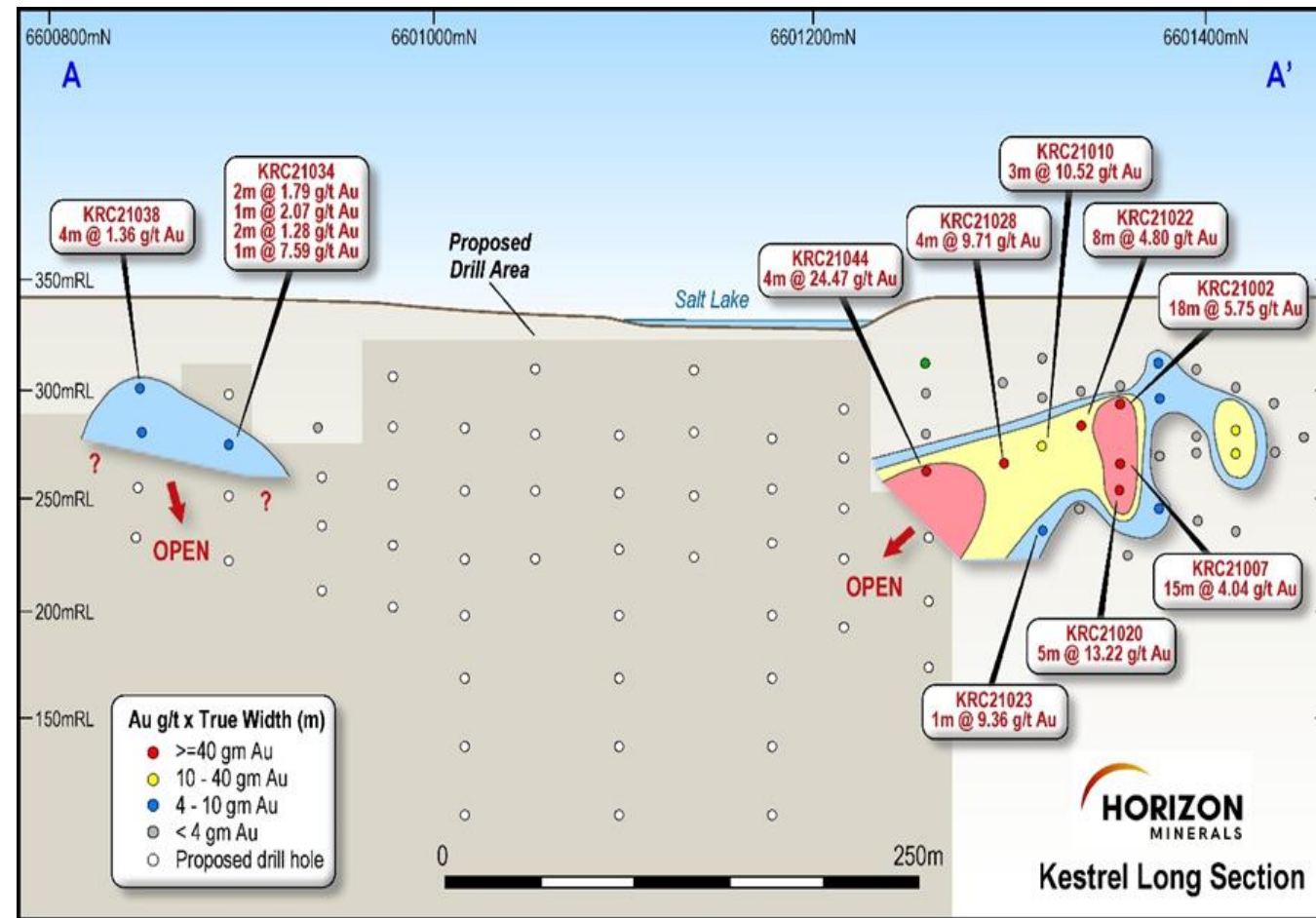


- 
- HORIZON**  
MINERALS



# NEW MINERALISATION DISCOVERED

- Multiple priority targets being tested with up to 4 rigs and 48,000m of drilling completed to date
- Potential new discovery at Kestrel within the Binduli area
  - Results including 18m at 5.75g/t Au and 23m at 5.84g/t Au <sup>1</sup>
  - Infill and extension drilling continues at Kestrel and new targets at Falcon, Honeyeater and Coote / Crake
- New gold mineralisation intercepted at Windanya, Binduli, Golden Ridge and the Greater Boorara area
  - Follow up drilling planned at all prospects in CY2022
- Exploration drilling now expanded to include silver, zinc, nickel and pegmatite targets
  - Corsair (Ni), Nimbus (Ag-Zn), Gretel (Ag and base metals), Lakewood and Yarmany
- Significant success being achieved under cover and below historic drilling with deeper drilling now underway
- Issues with long assay turnaround times continue with over 9,000m of drilling samples awaiting processing

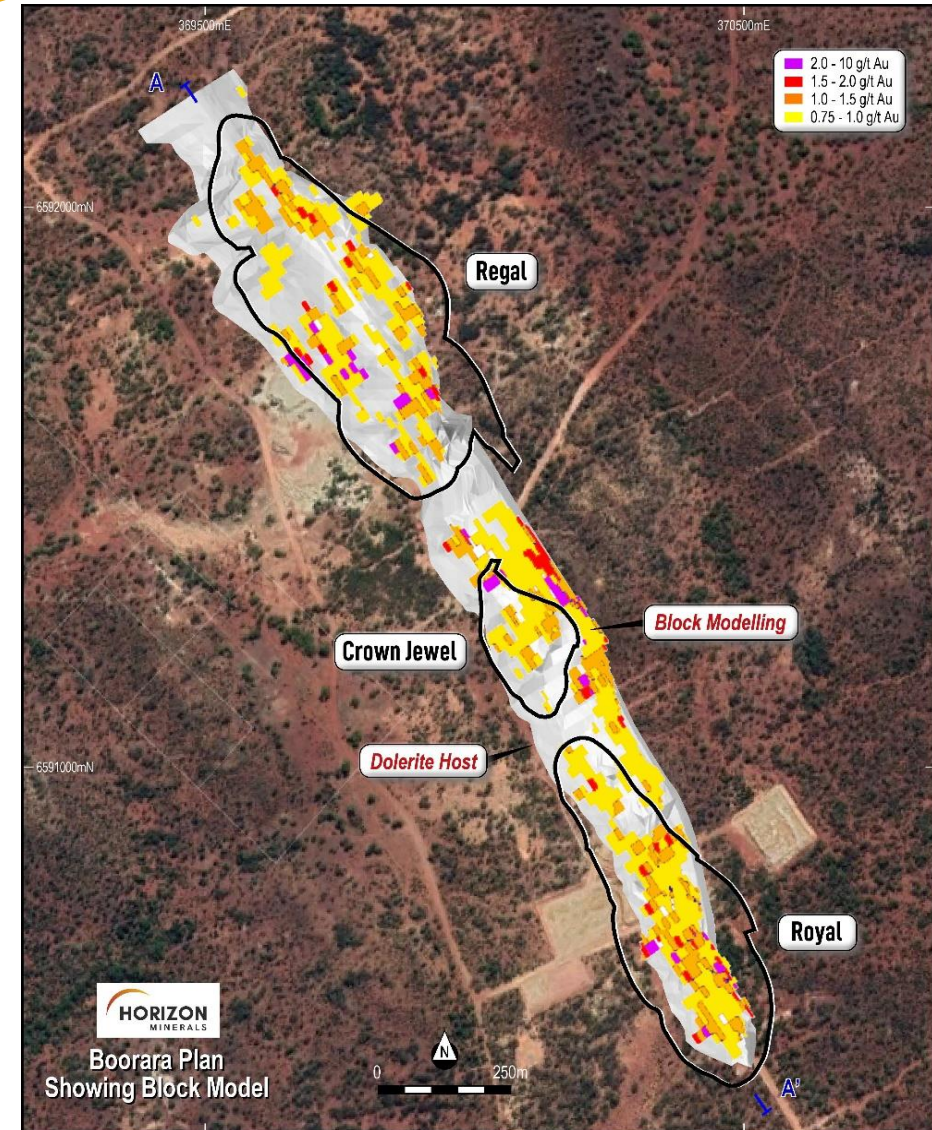


1. As announced to the ASX on 5 October 2021,



# DE-RISKING BOORARA

- Located 15km east of Kalgoorlie and adjacent to NST's Super Pit gold operation
- Trial mining, toll milling and pit mapping completed to test the grade uplift potential and metallurgical performance
- Mined 267kt at 1.23g/t Au for 10,560oz, toll milled 138kt at 1.45g/t Au for 6,570oz
- Excellent ore performance through the mill with recovery of 94.5% with a +40% gravity component and very rapid leach response time
- All grade control, trial and pit mapping data used to compile a new geological model
- Updated independent Mineral Resource estimate stands at:<sup>1</sup>
  - **11.0Mt grading 1.26g/t Au for 448,000oz at a 0.5g/t Au lower grade cut-off**
- Resource grade increased by 34% against the previous model with the inclusion of the high grade cross cutting vein arrays demonstrated by the trial
- Trial generated ~A\$4m net cash and greatly improved confidence in the orebody
- Mine optimisation, design, approvals and economic analysis now underway for maiden Ore Reserve generation in the December Quarter 2021

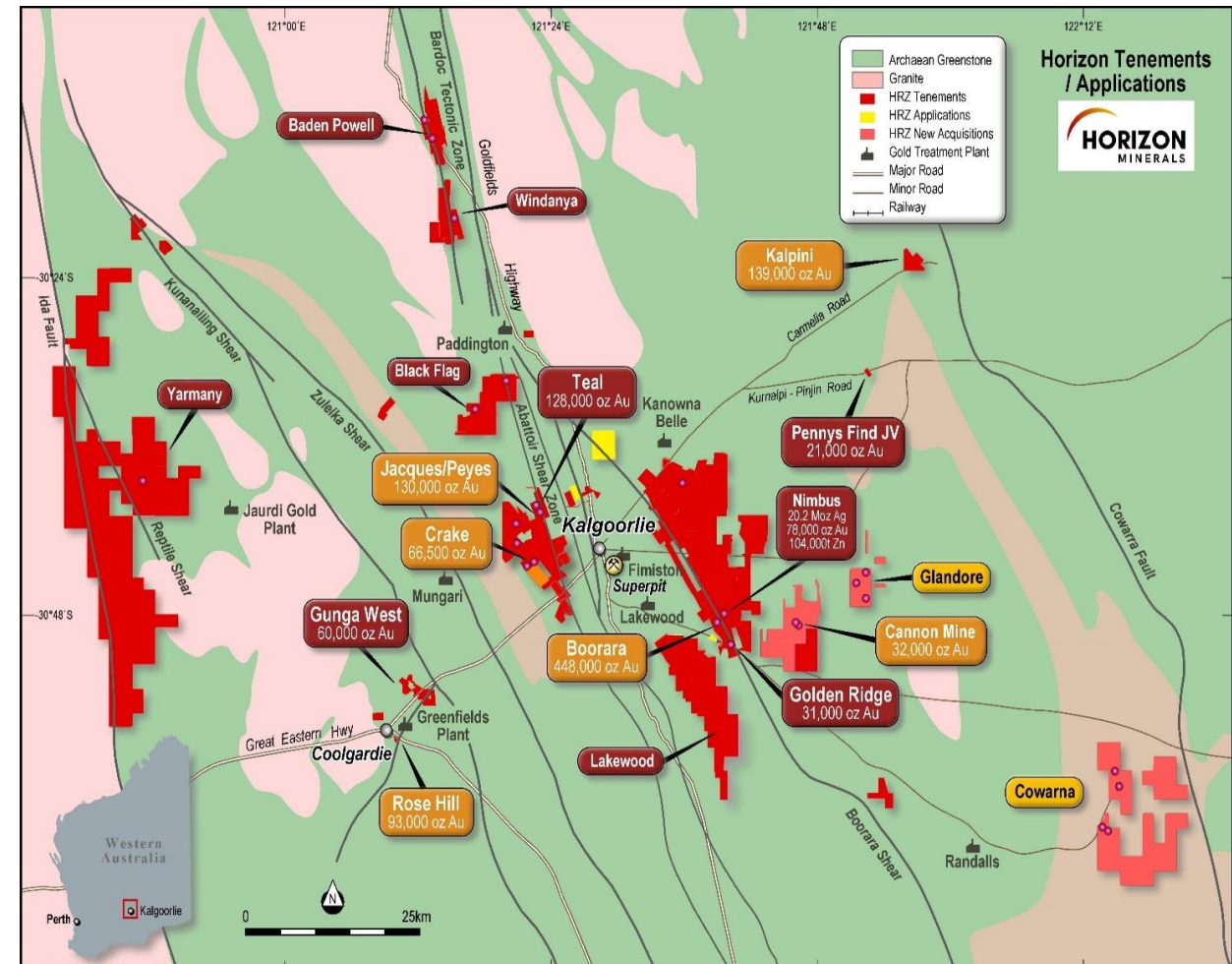


1. As announced to the ASX on 27 April 2021, see also table and confirmation on slide 18



# ACQUISITIONS TO SUPPORT GROWTH

- A number of acquisitions completed in 2021 to grow the portfolio all within 75km of Kalgoorlie with existing resources and significant growth potential
- Kalpini gold project acquired for \$2.75m in cash and hosts a current resource of 139koz at 2.3g/t Au with extension drilling underway along strike and at depth<sup>1</sup>
- Bulong South, Glandore and Cowarna gold projects acquired for \$10m cash and hosts the development ready Cannon underground mine hosting 32koz at 4.3g/t Au<sup>1</sup>
- 50:50 JV covering the Penny's Find underground project completed for \$1.5m in cash hosting 42koz at 5.22g/t Au<sup>1</sup>
- Further tenure consolidated at the Yarmany, Boorara and Lakewood project areas with Horizon holding dominant positions in underexplored regions and highly prospective for precious, base and battery minerals
- The Company continues to pursue consolidation opportunities at both the asset and corporate levels



## DIVESTMENTS TO CREATE VALUE

- A number of divestments completed in 2021 generating cash and exposure to the assets via shareholdings in quality listed companies
- Menzies divestment completed with \$3.4m in cash received and Horizon holding 37M shares (~16%) in Kingwest Resources Ltd
- Nanadie Well Copper-gold project in the Murchison region divested to Cyprium Metals Ltd with \$600k in cash received and shareholding of 2.5M shares
- Prospecting Licence divested to Red Dirt Metals for 1.5M shares and 1M options
- Nickel Rights option divested to Metal Hawk for 1.5M shares with a further 3M shares on exercise of the option within 18 months
- Two gold royalties sold to VOX Royalty Corp for \$7m in cash, \$4m received and \$3m due on VOX receiving \$750k in royalty payments
- Current combined shareholding value totals ~\$10 million
- Cash proceeds from production and divestments used to self fund exploration drilling and further asset consolidation

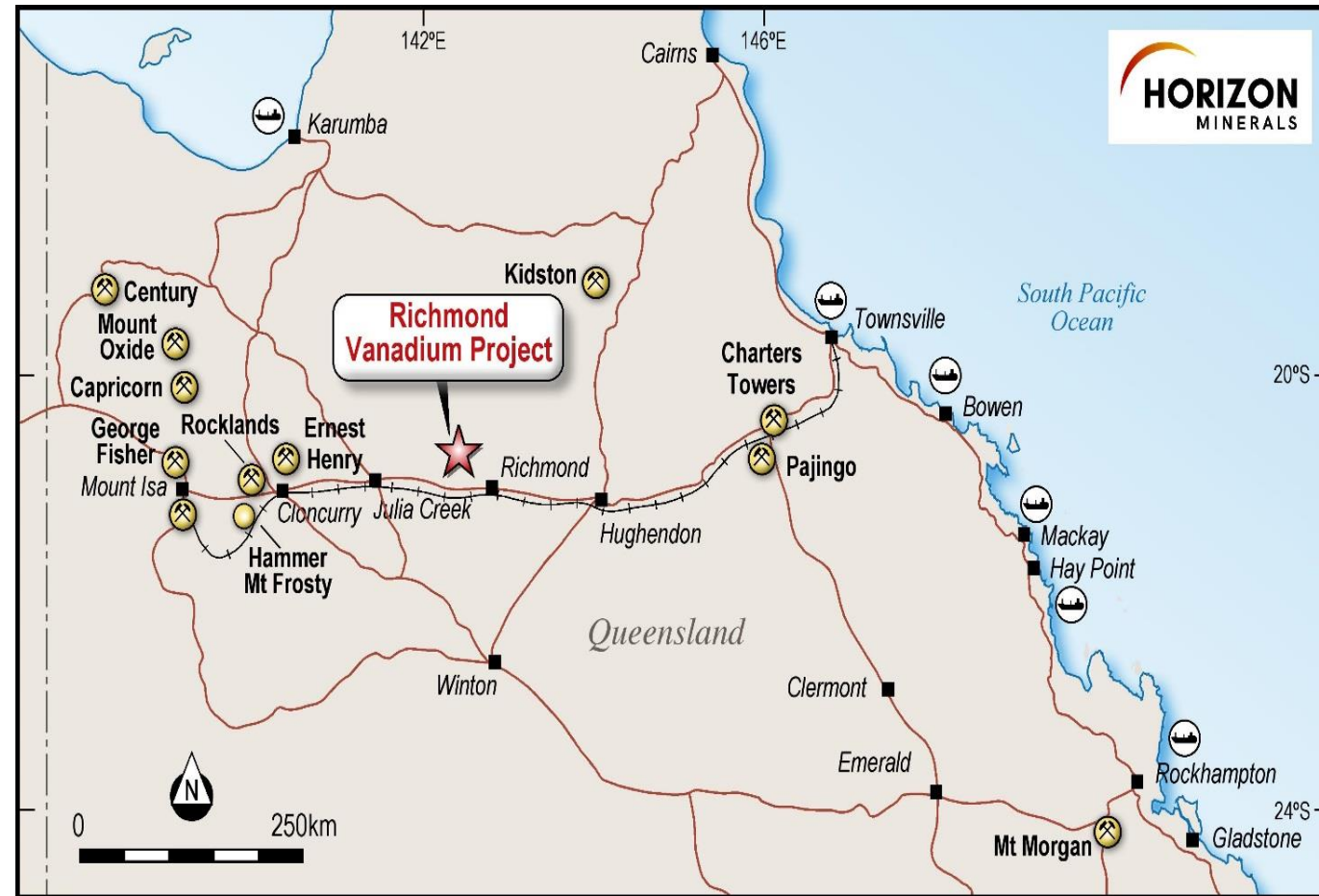


Courtesy of Kingwest Resources Ltd (ASX: KWR)



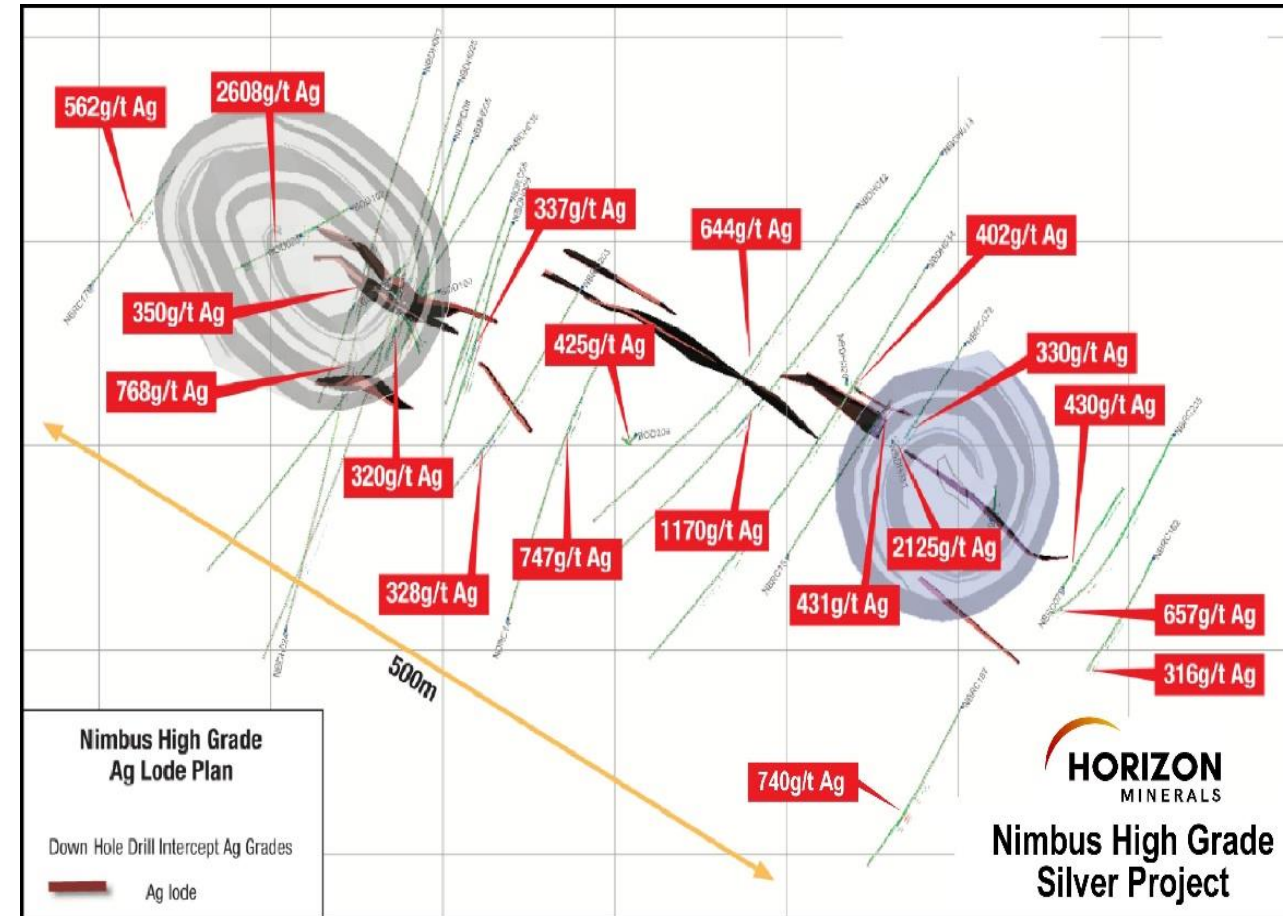
# RICHMOND – JULIA CREEK VANADIUM

- Horizon owns 25% interest in the 1.8Bt Richmond – Julia Creek oxide vanadium project in Northwest Queensland<sup>1</sup>
- Extensive drilling, metallurgical test work and process flowsheet development completed and positive PFS released
- Lilyvale deposit now advancing to DFS and has potential to provide globally significant supply to the steel and emerging green energy storage markets
- Horizon and JV partner RVT will now work together to combine our interests into a dedicated IPO Vehicle holding 100% of the project and seek an ASX Listing
- Intent to include an in-specie distribution of a portion of Horizon's interest to existing eligible shareholders and a priority offering in the IPO
- Transaction documents and further details to be provided in the March Quarter for a potential listing in the June Quarter 2022



# NIMBUS SILVER – ZINC PROJECT

- Located adjacent to the Boorara gold project with shared infrastructure
- Extensive drilling and metallurgical test work completed and potential for growth along strike and at depth
- Historic FS completed and put on hold due to depressed silver and zinc prices
- Technical review identified potential to re-evaluate the high grade component of the current resource
- Interest received from potential offtake partners
- Horizon to retain the project on a 100% basis and update the FS under a concentrate production and sale model
- Further drilling planned in 2022 to test for extensions and repeat structures
- Optionality retained on future gains in silver and zinc prices





OUR PATH TO GROWING A SUSTAINABLE AND PROFITABLE BUSINESS

# HORIZON ACTIVATES ITS SUSTAINABILITY JOURNEY



## OBJECTIVE

To go beyond our obligations and to continuously look at ways to integrate sustainability across our business.



## OUR JOURNEY

Sustainability is a journey and Horizon understands that it is a business imperative to lay robust sustainability foundations to actively monitor, measure and improve on our material risks and opportunities.

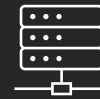


## DATA DRIVEN ESG STRATEGY

As our organisation grows and we gather more data, we will look to communicate our progress with our stakeholders.



## STRATEGY



Established our Environmental, Social, Governance (ESG) baseline early



Aligned with global Sustainable Accounting Standards Board (SASB) Metals and Mining Framework



Conducted a Materiality Assessment across our organisation and key contractors to align internal and external expectations around ESG



Collected and verified our data against international metrics



Conducted gap analysis and identified areas of value creation.



Adopted ESG technology to collect, verify and report on our progress going forward.

## 2022 – DRILLING AND ASSESSING OPTIONS<sup>1</sup>

- Exploration drilling highly successful in 2021 with a further 75,000m planned in 2022 targeting new discoveries and resource extensions
- Significant potential for resource growth through drilling and further asset consolidation
- Yarmany, Lakewood and Boorara areas the key focus for new discoveries in gold, silver, base metals and battery minerals
- Complete the consolidated Pre-Feasibility Study and assess all options to maximise value and minimise risk
- Complete an economic review of the Nimbus Silver-zinc project
- Advance the Lilyvale vanadium project to DFS and work through the demerger and ASX Listing process
- Continue to pursue consolidation opportunities at asset and corporate level
- Increase our marketing effort to put Horizon clearly on the radar





# THANK YOU

- To the Board and Executive team who have done an excellent job in what has been a challenging year for the region, state, nation and globally
- To our staff who work tirelessly in Kalgoorlie and Perth to support and grow the business
- To all our contractors and consultants who have supported us through the year
- And to you, our shareholders, we appreciate your ongoing support and look forward to keeping you fully informed in what will be an exciting year in 2022
- Your Company has a strong dedicated team, quality assets in world class regions, exposure to multiple commodities and listed investments and considerable growth potential

## QUESTIONS?

# APPENDICES





# LEADERSHIP TEAM

## Ashok Parekh, Non-Executive Chair

- Chartered accountant with over 40 years' experience who owns a large Accounting Practice in Kalgoorlie, which he has operated for 33 years
- Awarded the Centenary Medal in 2003 by the Governor General of Australia, and was recently awarded the Meritorious Service Award by the Institute of Chartered Accountants, the highest award granted by the institute in Australia.

## Peter Bilbe, Non-Executive Director

- Mining Engineer with over 40 years' experience
- Has held senior management positions at Mount Gibson Iron, Aztec Resources, Portman, Aurora Gold and Kalgoorlie Consolidated Gold Mines
- Experience across all aspects of operations, feasibility studies, exploration, corporate functions, financing, capital raisings and mergers and acquisitions
- Past Chairman and NED of Independence Group for 13yrs and Director of Adriatic

## Jon Price, Managing Director

- Metallurgist with more than 30 years' experience
- Former GM of St Ives and Paddington gold mines and founding Managing Director of Phoenix Gold acquired by Evolution Mining for \$74.3M in 2015
- At Phoenix, consolidated prospective tenure in the WA Goldfields and built 4Moz resources through exploration
- Experience across company management, exploration, development, construction and mining operations

## Grant Haywood, Chief Operating Officer

- Mining Engineer with over 27 years' experience in underground and open cut mining operations
- Extensive mining experience managing mining projects from Feasibility through to operations for junior and multi-national companies including Goldfields Ltd, Saracen mineral Holdings and Phoenix Gold Ltd

## Julian Tambyrajah, Chief Financial Officer and Company Secretary

- Certified Practicing Accountant and Chartered Company Secretary with more than 27 years' experience in commercial and corporate finance roles in Australia and overseas resource Companies, 19 years at CFO level
- Extensive experience covering financial and techno-commercial areas including accounting, supply and logistics, project evaluation, feasibility studies, construction and operations management across small and large organisations

## David O'Farrell, Exploration Manager

- Highly experienced geologist with over 27 years' experience in project generation, conceptual and greenfields exploration, resource modelling and estimation and feasibility studies

# GOLD RESOURCE STATEMENT

## Horizon Minerals Limited – Summary of Gold Mineral Resources (at a 1g/t Au cut-off grade)

Project	Cut-off grade (g/t)	Measured			Indicated			Inferred			Total Resource		
		Mt	Au (a/t)	Oz	Mt	Au (a/t)	Oz	Mt	Au (a/t)	Oz	Mt	Au (a/t)	Oz
Boorara OP	0.5	1.28	1.23	50,630	7.19	1.27	294,140	2.56	1.26	103,470	11.03	1.26	448,240
Kalpini	0.8				1.40	2.43	108,000	0.47	2.04	31,000	1.87	2.33	139,000
Jacques - Peyes	0.8				0.97	2.59	81,000	0.77	1.98	49,000	1.74	2.32	130,000
Teal	1.0				1.01	1.96	63,680	0.80	2.50	64,460	1.81	2.20	128,140
Crake	0.8				1.33	1.47	63,150	0.08	1.27	3,300	1.42	1.46	66,450
Cannon UG	1.0				0.19	4.8	28,620	0.05	2.30	3,450	0.23	4.29	32,070
Rose Hill OP	0.5	0.19	2.00	12,300	0.09	2	6,100				0.29	2.00	18,400
Rose Hill UG	2.0				0.33	4.5	47,100	0.18	4.80	27,800	0.51	4.60	74,900
Pennys Find (50%)	1.5				0.09	5.71	17,500	0.03	3.74	3,500	0.13	5.22	21,000
Gunga West	0.6				0.71	1.6	36,440	0.48	1.50	23,430	1.19	1.56	59,870
Golden Ridge	1.0				0.47	1.83	27,920	0.05	1.71	2,800	0.52	1.82	30,720
<b>TOTAL</b>		<b>1.47</b>	<b>1.33</b>	<b>62,930</b>	<b>13.78</b>	<b>1.75</b>	<b>773,650</b>	<b>5.48</b>	<b>1.77</b>	<b>312,210</b>	<b>20.73</b>	<b>1.72</b>	<b>1,148,790</b>

### 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](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.



# NON GOLD RESOURCE STATEMENT

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>

Nimbus HG 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	0	0	0	0	0
Indicated	0.17	762	12.8	4.2	22
Inferred	0.09	797	13	2.2	11
<b>Total</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 Horizon's Mineral Resources estimates on the Richmond Julia Creek vanadium 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, "Richmond – Julia Creek Vanadium Project Resource Update" dated 16 June 2020, "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](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.

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