

ASX Announcement

21 March 2025

## Strategic Investment in Emmerson Resources

### Highlights

- Patronus acquires a 7.73% shareholding interest in Emmerson Resources Limited (ERM).
- Investment provides Patronus with exposure to strategic exploration and M&A activity in the highly prospective Tennant Creek district of the Northern Territory.

Patronus Resources Limited (ASX: PTN; “Patronus” or “the Company”) is pleased to advise that it has acquired 49,144,000 shares in ASX-listed gold and copper explorer Emmerson Resources Limited (ASX:ERM; “Emmerson” or “ERM”) for total consideration of \$5.406 million at \$0.11 per ERM share. The shares were acquired off-market.

Patronus believes that recent corporate activity in the Tennant Creek area of the Northern Territory and Emmerson’s exploration portfolio – which includes 866,000oz of gold (refer ERM ASX announcement 29 January 2025) and a 6% uncapped gross production royalty – is likely to generate further interest in Emmerson from both an M&A and exploration and development perspective.

Patronus will hold its Emmerson shares as a strategic investment.

**-ENDS-**

Authorised for release by the Board of Directors

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#### **ASX Code: PTN**

Shares on issue: 1637 million  
Market Capitalisation: \$98 million  
Cash & Liquid Investments: \$79M (31 December 2024)

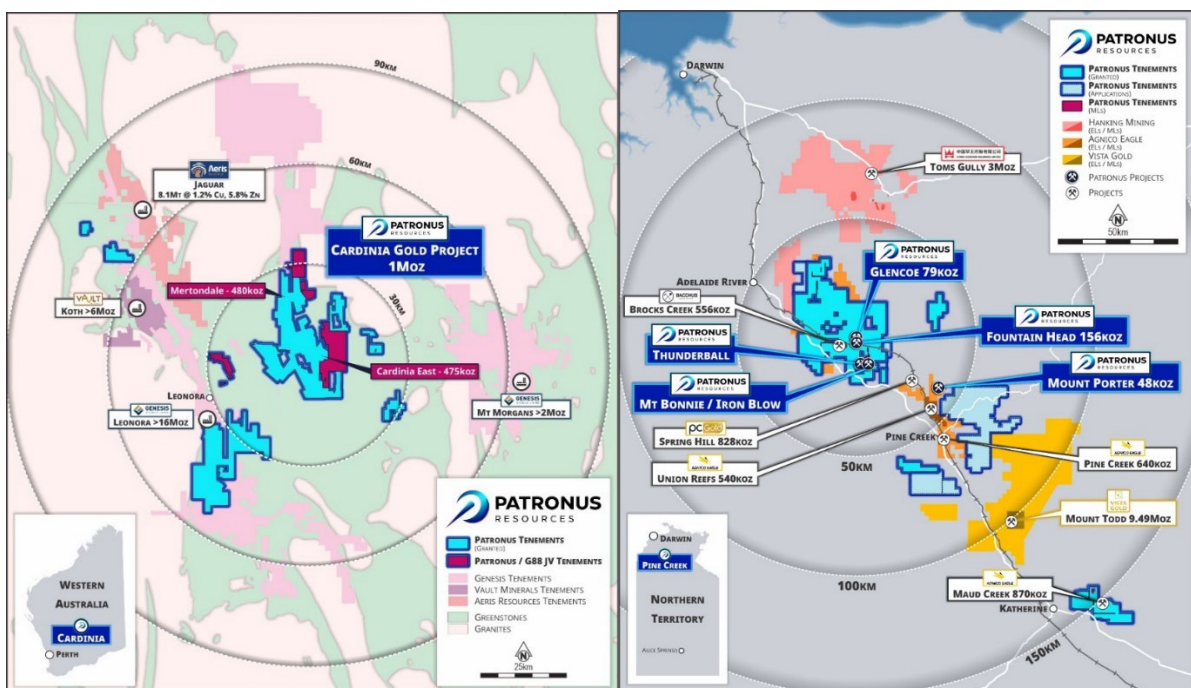
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## ABOUT PATRONUS RESOURCES LTD

Patronus Resources (ASX: PTN) is a leading West Australian and Northern Territory gold, base metals and uranium development and exploration company, with a combined gold Mineral Resource of more than **1.2Moz gold**. Patronus's key focus in WA is its 100% owned Cardinia Gold Project (CGP) located in the highly prospective North-Eastern Goldfields region of Western Australia. The CGP has a 1.0 Moz gold Mineral Resource defined in both oxide and deeper primary mineralisation at East Cardinia and Mertondale. The Northern Territory Project boasts more than 1,500 square kilometres of prime tenure in the Pine Creek Orogen, which hosts significant gold and world class uranium deposits. Patronus has a current gold MRE of 0.3Moz at its Fountain Head Project and 177kt zinc, 37kt lead, 16Moz silver and 0.2Moz gold at its Iron Blow and Mt Bonnie base metals projects.

With a proven track record of monetisation of assets and a strong balance sheet, PTN is poised to deliver strong growth to PTN shareholders throughout this period of transformational growth.



Regional overview showing PTN tenure in relation to neighbouring projects at Leonora in WA at left and in the NT at right.

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**Mineral Resources - Gold**

Project Area	Measured			Indicated			Inferred			TOTAL		
	Tonnes (Mt)	Grade (g/t Au)	Ounces ('000)	Tonnes (Mt)	Grade (g/t Au)	Ounces ('000)	Tonnes (Mt)	Grade (g/t Au)	Ounces ('000)	Tonnes (Mt)	Grade (g/t Au)	Ounces ('000)
<b>Mertondale</b>												
Mertons Reward	-	-	-	1.5	1.9	90	0.2	1.9	13	1.7	1.9	103
Mertondale 3-4/Nth	-	-	-	1.8	1.6	96	0.8	1.6	42	2.7	1.6	138
Tonto	-	-	-	1.9	1.1	68	1.1	1.2	45	3.0	1.2	113
Mertondale 5	-	-	-	0.8	2.0	49	0.2	1.8	11	1.0	1.9	60
Eclipse	-	-	-	-	-	-	0.8	1.0	24	0.8	1.0	24
Quicksilver	-	-	-	-	-	-	1.2	1.1	42	1.2	1.1	42
<b>Mertondale Total</b>	-	-	-	<b>6.0</b>	<b>1.6</b>	<b>303</b>	<b>4.3</b>	<b>1.3</b>	<b>177</b>	<b>10.4</b>	<b>1.4</b>	<b>480</b>
<b>Cardinia East</b>												
Helens	-	-	-	1.4	1.5	64	1.3	1.4	57	2.7	1.4	121
Helens East	-	-	-	0.4	1.7	24	1.0	1.5	46	1.4	1.6	70
Fiona	-	-	-	0.2	1.3	10	0.1	1.1	3	0.3	1.3	13
Rangoon	-	-	-	1.3	1.3	56	1.5	1.3	65	2.8	1.3	121
Hobby	-	-	-	-	-	-	0.6	1.3	23	0.6	1.3	23
Cardinia Hill	-	-	-	0.5	2.2	38	1.6	1.1	59	2.2	1.4	97
Cardinia U/G	-	-	-	0.0	2.4	1	0.4	2.4	27	0.4	2.4	28
<b>Cardinia East Total</b>	-	-	-	<b>3.9</b>	<b>1.5</b>	<b>193</b>	<b>6.4</b>	<b>1.4</b>	<b>280</b>	<b>10.4</b>	<b>1.4</b>	<b>475</b>
<b>TOTAL WA</b>				<b>9.8</b>	<b>1.6</b>	<b>496</b>	<b>10.8</b>	<b>1.3</b>	<b>457</b>	<b>20.8</b>	<b>1.4</b>	<b>955</b>
<b>Fountain Head</b>												
Fountain Head	-	-	-	0.9	1.4	41	1.1	1.6	56	2.0	1.5	96
Tally Ho	-	-	-	0.9	2.0	59	-	-	-	0.9	2.0	59
Glencoe	0.4	1.32	18	1.2	1.1	43	0.5	1.2	18	2.1	1.2	79
<b>Subtotal Fountain Head</b>	<b>0.4</b>	<b>1.32</b>	<b>18</b>	<b>3.0</b>	<b>1.5</b>	<b>143</b>	<b>1.6</b>	<b>1.4</b>	<b>74</b>	<b>5.0</b>	<b>1.4</b>	<b>234</b>
<b>Mt Porter</b>												
Mt Porter	-	-	-	0.5	2.30	40	0.5	1.90	8	0.70	2.20	48
<b>TOTAL NT</b>	<b>0.4</b>	<b>1.3</b>	<b>18</b>	<b>3.5</b>	<b>1.2</b>	<b>183</b>	<b>2.1</b>	<b>1.2</b>	<b>82</b>	<b>5.7</b>	<b>1.5</b>	<b>282</b>
<b>TOTAL RESOURCES</b>	<b>0.4</b>	<b>1.3</b>	<b>18</b>	<b>13.3</b>	<b>1.6</b>	<b>679</b>	<b>12.9</b>	<b>1.3</b>	<b>539</b>	<b>26.5</b>	<b>1.4</b>	<b>1,237</b>

The information in this table that relates to the Mineral Resources for Mert 3-4, Mert's Reward and Mert 5 have been extracted from the Company's ASX Announcement on the 12 Feb 2025. For Eclipse, Quicksilver, Tonto and Cardinia East have been extracted from the Company's ASX announcement on 3 July 2023 titled "Cardinia Gold Project Mineral Resource Passes 1.5Moz" and are available at [www.asx.com](http://www.asx.com). Mineral Resources reported in accordance with JORC 2012 using a 0.4 g/t Au cut-off within AUD2,600 optimisation shells<sup>1</sup>. Underground Resources are reported using a 2.0 g/t cut-off grade outside AUD2,600 optimisation shells. The information in this table that relates to the Mineral Resources for Fountain Head and Tally Ho have been extracted from the ASX announcement of PNX Metals Limited (PNX) on 16 June 2020 titled "Mineral Resource Update at Fountain Head" and are reported utilising a cut-off grade of 0.7 g/t Au and can be found at [www.asx.com](http://www.asx.com) reported under the ASX code 'PNX'. The information in this table that relates to the Mineral Resources for Glencoe have been extracted from the PNX ASX announcement on 30<sup>th</sup> August 2022 titled "Glencoe Gold MRE Update" and are reported utilising a cut-off grade of 0.7g/t Au and can be found at [www.asx.com](http://www.asx.com) reported under the ASX code 'PNX'. The information in this table that relates to the Mineral Resources for Mt Porter have been extracted from the PNX ASX announcement titled "PNX acquires the Mt Porter Gold Deposit, NT" on 28<sup>th</sup> September 2022 and are reported using a cut-off grade of 1.0 g/t Au and can be found at [www.asx.com](http://www.asx.com) under the ASX code 'PNX'. The information in this table that relates to the Mineral Resources for Fountain Head, Tally Ho, Glencoe and Mt Porter was also reported in the Scheme Booklet dated 17 July 2024 issued by PNX for the scheme of arrangement between PNX and the shareholders of PNX for the acquisition of PNX by the Company. The Scheme Booklet was released to ASX on 18 July 2024 and can be found at [www.asx.com](http://www.asx.com) under the ASX codes 'PTN' and 'PNX'. 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 the relevant market announcements referenced in this release continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from any of the original announcements.

## Mineral Resources – Base Metals

### Iron Blow Mineral Resource

JORC Classification	Tonnes (Mt)	Grade						
		Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)	ZnEq (%)	AuEq (g/t)
Indicated	2.08	5.49	0.91	0.30	143	2.19	13.39	10.08
Inferred	0.45	1.11	0.18	0.07	27	1.71	4.38	3.30
<b>TOTAL</b>	<b>2.53</b>	<b>4.71</b>	<b>0.78</b>	<b>0.26</b>	<b>122</b>	<b>2.10</b>	<b>11.79</b>	<b>8.87</b>
<b>Contained Metal</b>		<b>119kt</b>	<b>18kt</b>	<b>7kt</b>	<b>9.9Moz</b>	<b>171koz</b>	<b>298kt</b>	<b>722koz</b>

Iron Blow Mineral Resources by JORC Classification as at 3 May 2017 estimated utilising a cut-off grade of 1.0 g/t AuEq. See ASX:PNX release 'Hayes Creek Mineral Resources Exceed 1.1Moz Gold Equivalent' 3 May 2017 for details.

### Mt Bonnie Mineral Resource

JORC Classification	Tonnes (Mt)	Grade						
		Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)	ZnEq (%)	AuEq (g/t)
Indicated	1.38	3.96	1.15	0.23	128	1.41	9.87	8.11
Inferred	0.17	2.11	0.87	0.16	118	0.80	6.73	5.53
<b>TOTAL</b>	<b>1.55</b>	<b>3.76</b>	<b>1.12</b>	<b>0.22</b>	<b>127</b>	<b>1.34</b>	<b>9.53</b>	<b>7.82</b>
<b>Contained Metal</b>		<b>58kt</b>	<b>17kt</b>	<b>3kt</b>	<b>6.3Moz</b>	<b>69koz</b>	<b>147kt</b>	<b>389koz</b>

Mt Bonnie Mineral Resources by JORC Classification as at 8 February 2017 estimated utilising a cut-off grade of 0.5 g/t Au for Oxide/Transitional Domain, 1% Zn for Fresh Domain and 50g/t Ag for Ag Zone Domain. See ASX:PNX release 'Upgrade to Mt Bonnie Zinc-Gold-Silver Resource, Hayes Creek' 9 February 2017 for details.

### Hayes Creek Mineral Resource (Iron Blow + Mt Bonnie)

JORC Classification	Tonnes (Mt)	Grade						
		Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)	ZnEq (%)	AuEq (g/t)
Indicated	3.46	4.88	1.01	0.27	137.00	1.88	11.99	9.29
Inferred	0.62	1.39	0.37	0.10	52.00	1.46	5.03	3.91
<b>TOTAL</b>	<b>4.08</b>	<b>4.35</b>	<b>0.91</b>	<b>0.25</b>	<b>124.00</b>	<b>1.81</b>	<b>10.93</b>	<b>8.47</b>
<b>Contained Metal</b>		<b>177kt</b>	<b>37kt</b>	<b>10kt</b>	<b>16Moz</b>	<b>238koz</b>	<b>445kt</b>	<b>1,110koz</b>

Notes: Due to effects of rounding, totals may not represent the sum of all components. Metallurgical recoveries and metal prices have been applied in calculating zinc equivalent (ZnEq) and gold equivalent (AuEq) grades.

At Iron Blow a mineralisation envelope was interpreted for each of the two main lodes, the East Lode (Zn-Au-Ag-Pb) and West Lode (Zn-Au), and four subsidiary lodes with a 1 g/t AuEq cut-off used to interpret and report these lodes. At Mt Bonnie Zn domains are reported above a cut-off grade of 1% Zn, gold domains are reported above a cut-off grade of 0.5 g/t Au and silver domains are reported above a cut-off grade of 50 g/t Ag. To assess the potential value of the total suite of minerals of economic interest, formulae were developed to calculate metal equivalency for Au and Zn. Metal prices were derived from average consensus forecasts from external sources for the period 2017 through 2021 and are consistent with those used in PNX's original Mt Bonnie Mineral Resource Estimate. Metallurgical recovery information was sourced from test work completed at the Iron Blow deposit, including historical test work. Mt Bonnie and Iron Blow have similar mineralogical characteristics and are a similar style of deposit. In the Company's opinion all the metals used in the equivalence calculation have a reasonable potential to be recovered and sold. The Company has chosen to report both the ZnEq and AuEq grades as although individually zinc is the dominant metal by value, the precious metals are the dominant group by value and will be recovered and sold separately to Zn.

The formulae below were applied to the estimated constituents to derive the metal equivalent values:

Gold Equivalent (field = "AuEq") (g/t) = (Au grade (g/t) \* (Au price per ounce/31.10348) \* Au recovery) + (Ag grade (g/t) \* (Ag price

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$$\text{Zinc Equivalent (field = "ZnEq")} (\%) = \frac{(\text{Au grade (g/t)} * (\text{Au price per ounce}/31.10348) * \text{Au recovery}) + (\text{Ag grade (g/t)} * (\text{Ag price per ounce}/31.10348) * \text{Ag recovery}) + (\text{Cu grade (\%)} * (\text{Cu price per tonne}/100) * \text{Cu recovery}) + (\text{Pb grade (\%)} * (\text{Pb price per tonne}/100) * \text{Pb recovery}) + (\text{Zn grade (\%)} * (\text{Zn price per tonne}/100) * \text{Zn recovery})}{(\text{Au price per ounce}/31.10348) * \text{Au recovery}}$$

	Unit	Price	Recovery Mt Bonnie	Recovery Iron Blow
Zn	US\$/t	\$ 2,450	80%	80%
Pb	US\$/t	\$ 2,100	60%	60%
Cu	US\$/t	\$ 6,200	60%	60%
Ag	US\$/troy oz	\$ 2,050	70%	80%
Au	US\$/troy oz	\$ 1,350	55%	60%

The information in the above tables that relates to the Mineral Resources for Iron Blow, Mt Bonnie and Hayes Creek has been extracted from PNX ASX announcements on 9 February 2017 titled 'Upgrade to Mt Bonnie Zinc-Gold-Silver Resource' and on 3 May 2017 titled 'Hayes Creek Mineral Resources Exceed 1.1Moz Gold Equivalent' and are available at [www.asx.com](http://www.asx.com) under the code PNX. This information was also reported in the Scheme Booklet dated 17 July 2024 issued by PNX for the scheme of arrangement between PNX and the shareholders of PNX for the acquisition of PNX by the Company. The Scheme Booklet was released to ASX on 18 July 2024 and can be found at [www.asx.com](http://www.asx.com) under the ASX codes 'PTN' and 'PNX'. 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 the relevant market announcements referenced in this release continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from any of the original announcements.

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