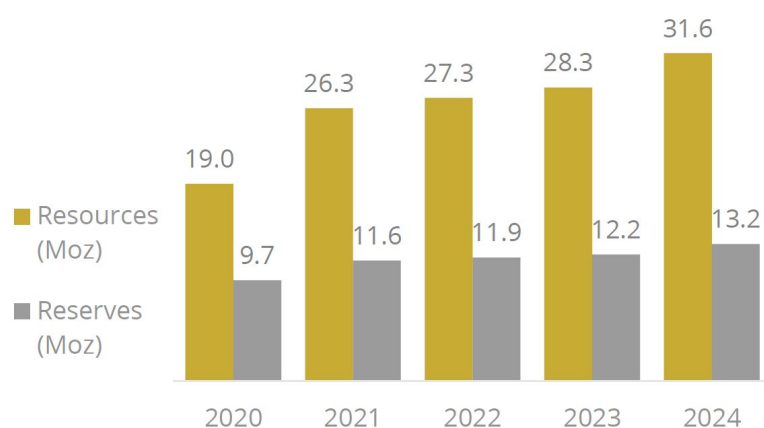


**ASX Announcement**  
 6 August 2024

## SUPPLEMENTARY DISCLOSURES - ASX ANNOUNCEMENTS OF 5 AUGUST 2024

Northern Star Resources Ltd (ASX: NST) is pleased to provide supplementary disclosures including the specific categories of Mineral Resources and Ore Reserves disclosed in its two ASX announcements on 5 August 2024 entitled “Investor Presentation – KCGM Site Visit” and “Investor Presentation – Diggers & Dealers 2024”.

- In both presentations under the heading “A dominant and growing asset”, the breakdown of Mineral Resources and Ore Reserves for each of the years 2020 to 2024 (inclusive) as illustrated in the chart below is detailed in Annexure A, (as disclosed in Northern Star’s annual Resources & Reserves updates to ASX).



**Discovery Success**    \$2/oz    \$17/oz    \$29/oz    \$8/oz

- The addition of +1.5Moz Mineral Resources at Fimiston Underground is illustrated in Annexure B below.
- All Fimiston Underground Ore Reserves are Probable Ore Reserves, including the Croesus mining area.
- The Croesus mining area (part of Fimiston Underground) Mineral Resources are detailed in Annexure C below.
- The Red Hill Mineral Resources and Ore Reserves are detailed in Annexure D below.
- Northern Star confirms that its Mineral Resources for each year disclosed are inclusive of Ore Reserves, (as disclosed in each of Northern Star’s annual Resources & Reserves updates to ASX).

Authorised for release to the ASX by Stuart Tonkin, Managing Director.

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# SUPPLEMENTARY DISCLOSURES - ASX ANNOUNCEMENTS OF 5 AUGUST 2024

## Annexure A: Mineral Resources KCGM 2020-2024 (inclusive)

### MINERAL RESOURCES as at 30 June 2020\*

NST ATTRIBUTABLE INCLUSIVE OF RESERVE	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
<b>KCGM</b>												
Surface	-	-	-	160,000	1.9	9,700	42,000	1.6	2,200	202,000	1.7	11,900
Underground	0	0	0	21,000	2.0	1,300	32,200	2.7	2,750	53,200	2.1	4,050
Stockpiles	130,000	0.7	3,100	-	-	-	-	-	-	130,000	0.7	3,100
Gold in Circuit	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total KCGM</b>	<b>130,000</b>	<b>0.7</b>	<b>3,100</b>	<b>181,000</b>	<b>1.9</b>	<b>11,000</b>	<b>74,200</b>	<b>2.1</b>	<b>4,950</b>	<b>385,200</b>	<b>1.5</b>	<b>19,050</b>

\*KCGM Reserves, Resources and Guidance Update

### MINERAL RESOURCES as at 30 Mar 2021

NST ATTRIBUTABLE INCLUSIVE OF RESERVE	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
<b>KCGM</b>												
Surface	-	-	-	206,004	1.8	12,110	103,458	1.4	4,715	309,462	1.7	16,825
Underground	-	-	-	40,757	2	2,603	51,316	2.4	3,878	92,073	2.2	6,481
Stockpiles	125,166	0.7	2,964	-	-	-	-	-	-	125,166	0.7	2,964
Gold in Circuit	-	-	29	-	-	-	-	-	-	-	-	29
<b>Total KCGM</b>	<b>125,166</b>	<b>0.7</b>	<b>2,993</b>	<b>246,762</b>	<b>1.9</b>	<b>14,713</b>	<b>154,774</b>	<b>1.7</b>	<b>8,593</b>	<b>526,701</b>	<b>1.6</b>	<b>26,299</b>

### MINERAL RESOURCES as at 30 Mar 2022

NST ATTRIBUTABLE INCLUSIVE OF RESERVE	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
<b>KCGM</b>												
Surface	-	-	-	219,505	1.8	12,385	99,288	1.3	4,309	318,792	1.6	16,694
Underground	-	-	-	49,440	2.2	3,497	54,758	2.4	4,277	104,198	2.3	7,774
Stockpiles	122,976	0.7	2,864	-	-	-	-	-	-	122,976	0.7	2,864
Gold in Circuit	-	-	25	-	-	-	-	-	-	-	-	25
<b>Total KCGM</b>	<b>122,976</b>	<b>0.7</b>	<b>2,889</b>	<b>268,945</b>	<b>1.8</b>	<b>15,882</b>	<b>154,046</b>	<b>1.7</b>	<b>8,586</b>	<b>545,967</b>	<b>1.6</b>	<b>27,357</b>

### MINERAL RESOURCES as at 30 Mar 2023

NST ATTRIBUTABLE INCLUSIVE OF RESERVE	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
<b>KCGM</b>												
Surface	-	-	-	228,661	1.7	12,859	91,838	1.4	4,046	320,499	1.6	16,904
Underground	-	-	-	54,860	2	3,535	69,485	2.3	5,144	124,345	2.2	8,679
Stockpiles	119,808	0.7	2,730	-	-	-	-	-	-	119,808	0.7	2,730
Gold in Circuit	-	-	21	-	-	-	-	-	-	-	-	21
<b>Total KCGM</b>	<b>119,808</b>	<b>0.7</b>	<b>2,752</b>	<b>283,521</b>	<b>1.8</b>	<b>16,394</b>	<b>161,323</b>	<b>1.8</b>	<b>9,190</b>	<b>564,652</b>	<b>1.6</b>	<b>28,335</b>

### MINERAL RESOURCES as at 31 March 2024

NST ATTRIBUTABLE INCLUSIVE OF RESERVE	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
<b>KCGM</b>												
Surface	0	0	0	263,295	1.5	12,619	174,475	1.1	6,239	437,770	1.3	18,858
Underground	0	0	0	73,354	2.0	4,735	66,900	2.3	4,890	140,254	2.1	9,624
Stockpiles	136,855	0.7	3,127	0	0	0	0	0	0	136,855	0.7	3,127
Gold in Circuit	0	0	28,426	0	0	0	0	0	0	0	0	28,426
<b>Total KCGM</b>	<b>136,855</b>	<b>0.7</b>	<b>3,156</b>	<b>336,649</b>	<b>1.6</b>	<b>17,353</b>	<b>241,375</b>	<b>1.4</b>	<b>11,129</b>	<b>714,879</b>	<b>1.4</b>	<b>31,638</b>

# SUPPLEMENTARY DISCLOSURES - ASX ANNOUNCEMENTS OF 5 AUGUST 2024

## Annexure A (continued): Ore Reserves KCGM 2020-2024 (inclusive)

### ORE RESERVES as at 31 March 2020\*

	PROVED			PROBABLE			TOTAL RESERVE		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
NST ATTRIBUTABLE RESERVE									
<b>KCGM</b>									
Surface	-	-	-	100,000	1.8	6,100	100,000	1.8	6,100
Underground	290	2.4	23	7,200	2.1	490	7,500	2.1	510
Stockpiles	130,000	0.7	3,100	-	-	-	130,000	0.7	3,100
Gold in Circuit	-	-	-	-	-	-	-	-	-
Total KCGM	130,000	0.7	3,100	110,000	1.8	6,600	240,000	1.3	9,700

\*KCGM Reserves, Resources and Guidance Update

### ORE RESERVES as at 31 March 2021

	PROVED			PROBABLE			TOTAL RESERVE		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
NST ATTRIBUTABLE RESERVE									
<b>KCGM</b>									
Surface	-	-	-	131,932	1.8	7,697	131,932	1.8	7,697
Underground	106	2.1	7	13,561	2.1	912	13,667	2.1	919
Stockpiles	125,166	0.7	2,964	-	-	-	125,166	0.7	2,964
Gold in Circuit	-	-	29	-	-	-	-	-	29
Total KCGM	125,272	0.7	3,000	145,493	1.8	8,609	270,765	1.3	11,609

### ORE RESERVES as at 31 March 2022

	PROVED			PROBABLE			TOTAL RESERVE		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
NST ATTRIBUTABLE RESERVE									
<b>KCGM</b>									
Surface	-	-	-	140,035	1.7	7,863	140,035	1.7	7,863
Underground	-	-	-	17,839	2.0	1,174	17,839	2.0	1,174
Stockpiles	122,976	0.7	2,864	-	-	-	122,976	0.7	2,864
Gold in Circuit	-	-	25	-	-	-	-	-	25
Total KCGM	122,976	0.7	2,889	157,874	1.8	9,037	280,850	1.3	11,926

### ORE RESERVES as at 31 March 2023

	PROVED			PROBABLE			TOTAL RESERVE		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
NST ATTRIBUTABLE RESERVE									
<b>KCGM</b>									
Surface	-	-	-	145,883	1.7	8,169	145,883	1.7	8,169
Underground	-	-	-	20,650	2.0	1,296	20,650	2.0	1,296
Stockpiles	119,808	0.7	2,730	107	1.4	5	119,915	0.7	2,735
Gold in Circuit	-	-	21	-	-	-	-	-	21
Total KCGM	119,808	0.7	2,752	166,640	1.8	9,469	286,448	1.3	12,221

### ORE RESERVES as at 31 March 2024

	PROVED			PROBABLE			TOTAL RESERVE		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
NST ATTRIBUTABLE RESERVE									
<b>KCGM</b>									
Surface	0	0	0	159,230	1.6	7,955	159,230	1.6	7,955
Underground	0	0	0	33,273	2.0	2,151	33,273	2.0	2,151
Stockpiles	136,855	0.7	3,127	107	1.4	5	136,962	0.7	3,132
Gold in Circuit	0	0	28,426	0	0	0	0	0	28,426
Total KCGM	136,855	0.7	3,156	192,610	1.6	10,110	329,465	1.3	13,266

# SUPPLEMENTARY DISCLOSURES - ASX ANNOUNCEMENTS OF 5 AUGUST 2024

## Annexure B: Fimiston Underground Mineral Resource addition of +1.5Moz between 2020-2024 (inclusive)

### MINERAL RESOURCES as at 30 June 2020\*

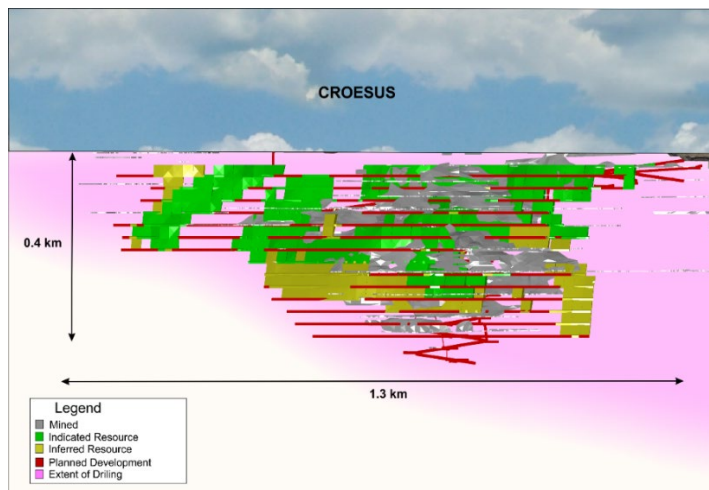
NST ATTRIBUTABLE INCLUSIVE OF RESERVE	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
<b>KCGM</b>												
Surface	-	-	-	160,000	1.9	9,700	42,000	1.6	2,200	202,000	1.7	11,900
Mt Charlotte UG	-	-	-	21,000	2.0	1,300	7,200	2.4	550	28,200	1.8	1,850
Fimiston UG	-	-	-	0	0.0	0	25,000	2.8	2,200	25,000	2.8	2,200
Fimiston South UG	-	-	-	0	0.0	0	-	-	-	-	-	-
Underground	0	0	0	21,000	2.0	1,300	32,200	2.7	2,750	53,200	2.1	4,050
Stockpiles	130,000	0.7	3,100	-	-	-	-	-	-	130,000	0.7	3,100
Gold in Circuit	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total KCGM</b>	<b>130,000</b>	<b>0.7</b>	<b>3,100</b>	<b>181,000</b>	<b>1.9</b>	<b>11,000</b>	<b>74,200</b>	<b>2.1</b>	<b>4,950</b>	<b>385,200</b>	<b>1.5</b>	<b>19,050</b>

\*KCGM Reserves, Resources and Guidance Update

### MINERAL RESOURCES as at 31 March 2024

NST ATTRIBUTABLE INCLUSIVE OF RESERVE	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
<b>KCGM</b>												
Surface	-	-	-	263,295	1.5	12,619	174,475	1.1	6,239	437,770	1.3	18,858
Mt Charlotte UG	-	-	-	46,101	1.8	2,713	23,282	1.9	1,397	69,383	1.8	4,109
Fimiston UG	-	-	-	22,634	2.3	1,678	31,041	2.0	2,008	53,675	2.1	3,686
Fimiston South UG	-	-	-	4,619	2.3	344	12,577	3.7	1,485	17,196	3.3	1,829
Underground	-	-	-	73,354	2.0	4,735	66,900	2.3	4,890	140,254	2.13	9,624
Stockpiles	136,855	0.7	3,127	-	-	-	-	-	-	136,855	0.7	3,127
Gold in Circuit	-	-	28	-	-	-	-	-	-	-	-	28
<b>Total KCGM</b>	<b>136,855</b>	<b>0.7</b>	<b>3,156</b>	<b>336,649</b>	<b>0.3</b>	<b>2,713</b>	<b>241,375</b>	<b>1.4</b>	<b>11,129</b>	<b>714,879</b>	<b>1.4</b>	<b>31,638</b>

## Annexure C: Croesus mining area Mineral Resources (as at 31 March 2024)



### MINERAL RESOURCES as at 31 March 2024

NST ATTRIBUTABLE INCLUSIVE OF RESERVE	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
<b>CROESUS</b>												
Underground	0	0	0	5,730	2.6	480	1,732	2.7	150	7,462	2.60	630
<b>Total Croesus</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,730</b>	<b>2.6</b>	<b>480</b>	<b>1,732</b>	<b>2.7</b>	<b>150</b>	<b>7,462</b>	<b>2.6</b>	<b>630</b>

# SUPPLEMENTARY DISCLOSURES - ASX ANNOUNCEMENTS OF 5 AUGUST 2024

## Annexure D: Red Hill Mineral Resources and Ore Reserves (as at 31 March 2024)

### MINERAL RESOURCES as at 31 March 2024

NST ATTRIBUTABLE INCLUSIVE OF RESERVE	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
RED HILL												
Surface	0	0	0	25,628	1.2	1,007	24,239	1.1	868	49,867	1.2	1,876
TOTAL RED HILL				25,628	1.2	1,007	24,239	1.1	868	49,867	1.2	1,876

### ORE RESERVES as at 31 March 2024

NST ATTRIBUTABLE RESERVE	PROVED			PROBABLE			TOTAL RESERVE		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
RED HILL									
Surface	0	0	0	15,884	1.1	567	15,884	1.1	567
TOTAL RED HILL				15,884	1.1	567	15,884	1.1	567

### Competent Persons Statements

The information in this announcement that relates to Mineral Resource estimations for the Company's Operations is based on information compiled by Jabulani Machukera, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and a full-time employee of Northern Star Resources Limited. Mr Machukera has sufficient experience that is relevant to the styles of mineralisation and type of deposits under consideration and to the activity being undertaken 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 Machukera consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The information in this announcement that relates to Ore Reserve estimations for the Company's Operations is based on information compiled by Jeff Brown, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and a full-time employee of Northern Star Resources Limited. Mr Brown has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Brown consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The information in this announcement that relates to Mineral Resource estimations for the KCGM Operations as at 31 March 2021 is based on information compiled by Daniel Howe, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and a full-time employee of Northern Star Resources Limited. Mr Howe has sufficient experience that is relevant to the styles of mineralisation and type of deposits under consideration and to the activity being undertaken 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 Howe consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The information in the report to which this statement is attached that relates to Mineral Resources for the KCGM Operations as at 30 June 2020 is based upon information compiled by Ms Emma Murray-Hayden, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Emma Murray-Hayden is a full-time employee of Northern Star Resources Ltd. Emma Murray-Hayden has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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'. Emma Murray-Hayden consents to the inclusion in this announcement of statements based on this information in the form and context in which it appears.

The information in this announcement that relates to the current Ore Reserves and Mineral Resources, and production targets of Northern Star has been extracted from the ASX release by Northern Star entitled "Resources, Reserves and Exploration Update" dated 2 May 2024 available at [www.nsrld.com](http://www.nsrld.com) and [www.asx.com](http://www.asx.com) ("Northern Star Announcement"). Northern Star confirms that it is not aware of any new information or data that materially affects the information included in the Northern Star Announcement other than changes due to normal mining depletion during the four month period to 6 August 2024, and, in relation to the estimates of Northern Star's Ore Reserves and Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the Northern Star Announcement continue to apply and have not materially changed. Northern Star confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from that announcement.

Rounding is applied in this announcement for the 31 March 2024 Ore Reserves and Mineral Resources figures.