



NORTHERN STAR
RESOURCES LIMITED

Our commitment to _
generate superior
returns



August 2022

Forward Looking Statements, Reserves and Resources

Forward Looking Statements

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ASX Listing Rules Disclosures

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 3 May 2022 available at www.nsrld.com and 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 2 August 2022, 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.

Assumptions made in relation to the Ore Reserves and Mineral Resources underpinning the production targets in that announcement are (in summary):

- Current operational capital and operating cost structures,
- Current mining and metallurgical performance,
- The gold price, exchange rate, dilution allowance and mining recovery rates are as set out in each prior public report referred to in ASX Listing Rule 5.19 disclosures, and
- 5 year gold production profiles are based on 100% current JORC compliant Ore Reserves.

Rounding is applied in this presentation for the percentage comparisons and for the 31 March 2022 Ore Reserves and Mineral Resources figures.

Unless stated otherwise, all currency conversions in this document have been converted at a currency of A\$/US\$ conversion rate of \$0.75.

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

Who we are _ our purpose

-  Generate superior returns
-  Responsible producer
-  Profitable growth
-  Strong cash flow generation
-  World-class assets



100%
GOLD



+6,000
PEOPLE



ASX 50
MARKET INDEX

Our commitment to health, safety and training

Physical & mental well-being

TRIFR 2.0 65% below index*

Respectful and inclusive culture



Growing our team skills



50 Apprentices
90 Graduates
180 Trainees



Leadership and accountability

Best-in-field technology to train and grow skills

Simplify work systems and processes

Our people are the drivers of Northern Star's success

Our commitment to connect with our community



Working with our local and regional communities to achieve mutually beneficial partnerships and sustainable long term social benefits

- Community & Inclusion
- Environment
- Indigenous Advancement
- Education & Development



Children's Health Research



Goldfields Indigenous
Tertiary Scholarships



Medical, Dental and
Urgent Air Children's
Health Research
Ambulance support



Perth Lynx Major Partner &
Community Partner of
Basketball WA

Our commitment to _ lead in dynamic times

Reimagining Careers



Maintain, train and grow
the capability of our people
during fluid labour market

Operational landscape shifted



High inflation environment,
business disturbance and
complex supply & logistics

Adaptive to all environments



Resilient team and
operations

Disciplined capital
allocation

Value not volume

We have the portfolio, people and strategy to deliver



- ✓ Our 3 Production Centres
reliably delivered to guidance
- ✓ Major projects on track
- ✓ Enhanced team / skills
- ✓ Profitable growth continues

Our commitment to _ create value

1.56Moz Gold Sold



\$3.7B Revenue



\$1B Cash Earnings



FY22

highlights

STRONG FINANCIAL POSITION

with Organic growth options

56.4Moz Mineral Resource

20.7Moz Ore Reserve

\$1.5B Liquidity

\$528M Net Cash

Dividend **20-30%** of Cash Earnings

2003

COMPANY

LISTED

\$874M

RETURNED TO SHAREHOLDERS

ACTIVE PORTFOLIO IMPROVEMENT: 12 ACQUISITIONS + 4 DIVESTITURES

Our commitment to _ grow responsibly



	FY22 1.56Moz	FY23 1.56-1.68koz	FY24	FY25	FY26	SUSTAINABLE BUSINESS
Kalgoorlie	KCGM Fleet Delivery ✓	Increase KCGM material movement to 80-100Mtpa Fimiston South ramp up; Increased access to Golden Pike			1,100koz KCGM 650koz	3-5 PRODUCTION CENTRES
Yandal	TBO Mill Expansion (to 6.0Mtpa) ✓	TBO Mill Commissioning (to 6.0Mtpa)	600koz 9Mtpa milling (3Mtpa Jundee, 6Mtpa TBO) Regional processing savings from various ore sources			1.8-2.2Moz GOLD SOLD
Pogo	Mill Expansion (to 1.3Mtpa) ✓	Increase Production volumes	300koz Development ~1,500m per month Mining = Milling = 1.3Mtpa			1st Half COST CURVE
						+20yr LIFE OF MINE

At Kalgoorlie _ deliver full value from KCGM

FY22 performance

- Delivered 903koz gold at A\$1,624/oz from Kalgoorlie production centre
- Fimiston UG Inferred Resource 5Moz (+1Moz YoY)
- New fleet delivered at KCGM
- KCGM waste material movement 66Mtpa
- Completed KCGM Mill Optimisation PFS
- East Wall remediation progressed

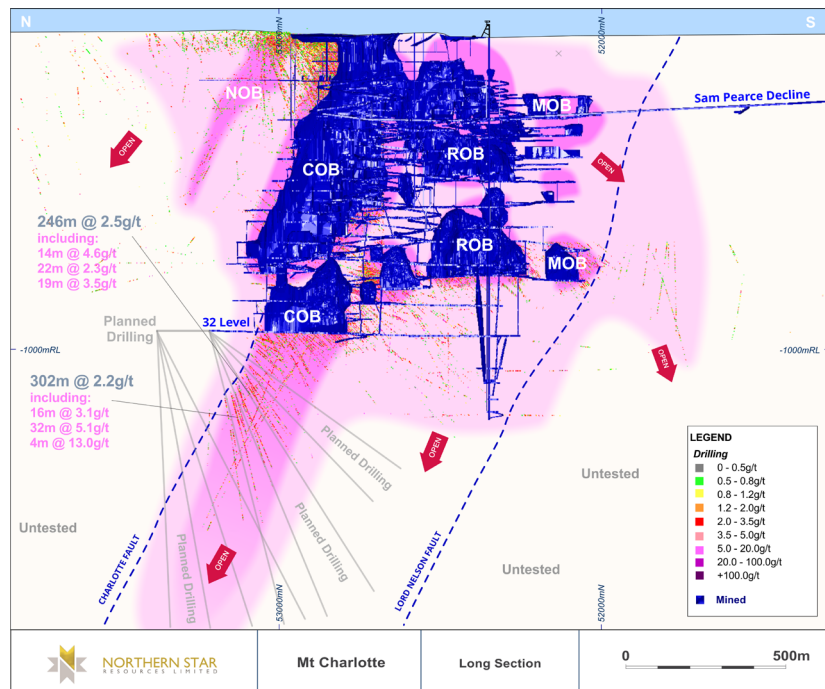
Focus for FY23

- Guidance: 820-870koz gold at A\$1,560-1,660/oz
- Progressing KCGM waste material movement to 80-100Mtpa target (FY26)
- Development of Carosue Dam Porphyry Underground 1H23
- Suspend Jubilee mill, staff redeployed, SKO ore to Kanowna mill

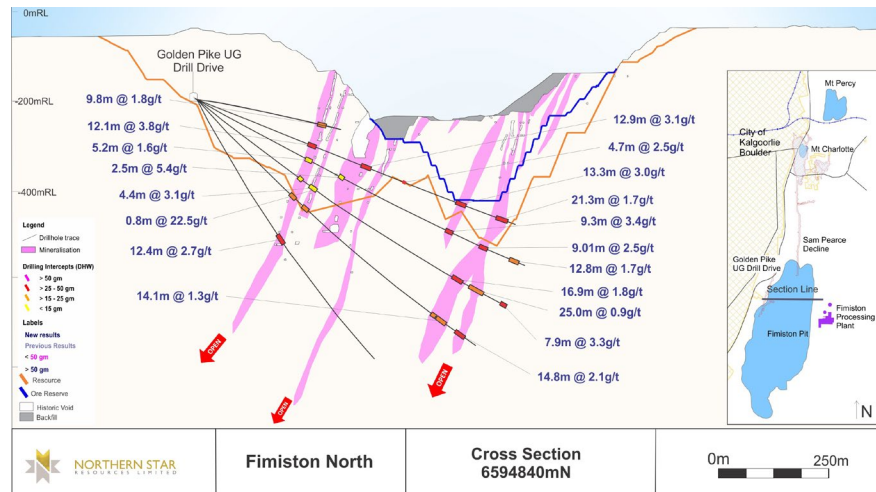


At Kalgoorlie — grow mine life at KCGM

Mt Charlotte has produced +5.6Moz @ 3.5g/t



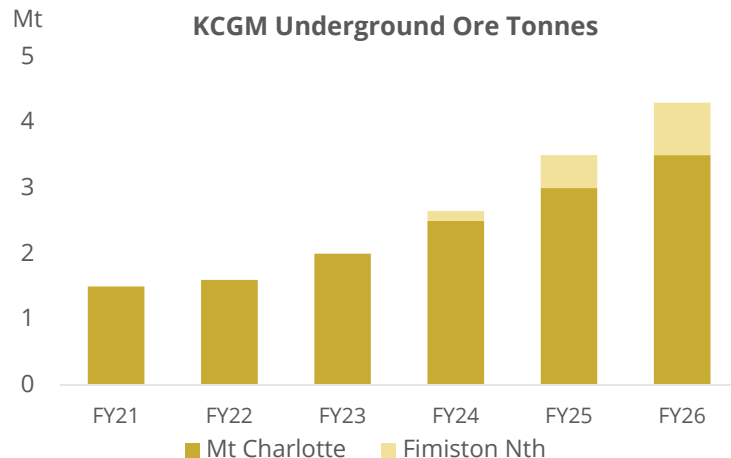
Fimiston North underground exploration



- Underground Mineral Resources of 104Mt @ 2.3g/t for 7.8Moz
- Underground Ore Reserves of 17.9Mt @ 2.0g/t for 1.2Moz
- 2022 Resources added at A\$24/oz

At Kalgoorlie _ advance KCGM underground

- Mt Charlotte continues to demonstrate strong growth in underground productivity
- Increasing contribution from higher grade ore (2.0g/t), displacing lower grade stockpile feed (0.7g/t)
- Ongoing underground diamond drilling at both Mt Charlotte and Fimiston North (grade control, resource definition and exploration)
- Feasibility Study planned for Fimiston North



At Yandal _ deliver TBO mill expansion

FY22 performance

- Delivered 443koz gold at A\$1,430/oz from Yandal production centre
- Production and cost guidance achieved
- TBO mill expansion on track and within budget
- Jundee performance driven by higher grades
- Ramone UG development ahead of plan

Focus for FY23

- Guidance: 480-520koz gold at A\$1,525-1,625/oz
- TBO mill expansion commissioning 1H23
- Development of Orelia open pit
- Establishment of Otto Bore mine

Orelia open pit



TBO mill expansion



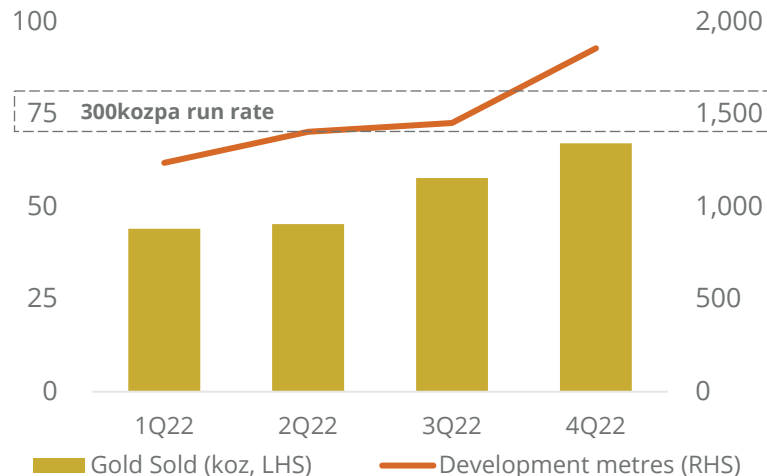
At Pogo _ transition for the next decade

FY22 performance

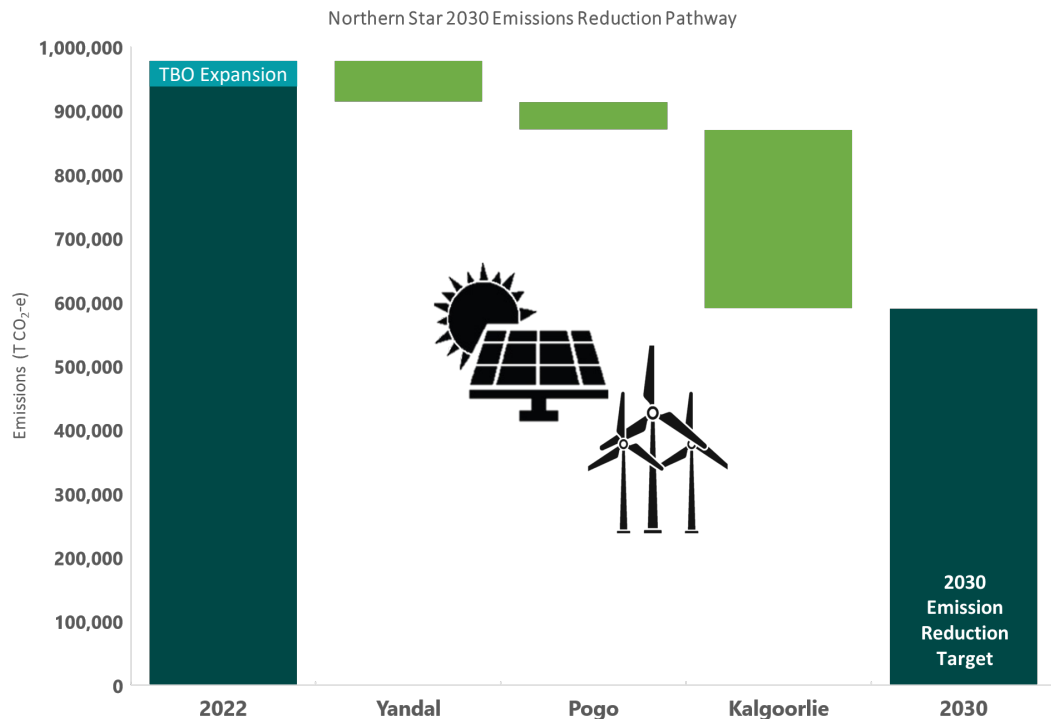
- Delivered 214koz gold at US\$1,498/oz
- Delivered 2H22 annual run rate of 250koz
- Exceeded 1,500m/mth development at 1,850m 4Q22
- Mill expansion to 1.3Mtpa fully commissioned
- Maiden 1.1Moz Mineral Resource at 10.3g/t defined at Goodpaster

Focus for FY23

- Guidance: 260-290koz gold at US\$1,300-1,400/oz
- Mine ramp-up progressing with additional mining fronts
- Additional camp
- UG capital drilling and assays



Our commitment to _ lower carbon emissions



NET ZERO ambition by 2050

35% lower carbon emissions by 2030

KCGM up to **60%** renewable power



Our commitment to execute our clearly defined strategy



**RESPONSIBLE
PRODUCER**



**PROFITABLE
GROWTH**



**STRONG
CASH FLOW
GENERATION**



**WORLD CLASS
ASSETS**



**GENERATE
SUPERIOR
RETURNS**

Northern Star Resources Limited

ASX Code: NST



Business First.



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