

Diggers & Dealers Mining Forum

Paulsens Restart – Just the Beginning | August 2023

Disclaimer, distribution and disclosure

Disclaimer and not for US distribution

This presentation includes forward-looking statements including, but not limited to, comments regarding the timing and content of upcoming work programs, geological interpretations, receipt of property titles, potential mineral recovery processes, and other related matters. Forward-looking statements address future events and conditions and therefore involve inherent risks and uncertainties. When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar expressions are forward-looking statements. The Company's current projects in Australia are at an early stage of assessment and all estimates and projections are based on limited, and possibly incomplete data. More work is required before geological and economic aspects can be fully modelled. Actual results may differ materially from those currently anticipated in this presentation. Although Black Cat Syndicate Limited. ("Black Cat") believes that the expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.

This document contains reference to certain targets and plans of Black Cat which may or may not be achieved. The performance of Black Cat may be influenced by a number of factors, uncertainties and contingencies, many of which are outside the control of Black Cat and its directors, staff and consultants.

This presentation has been prepared by Black Cat for the purpose of providing an overview of its current prospects and development strategy to recipients. This presentation and its contents are provided to recipients in confidence on the basis that it may not be reproduced or disclosed in whole or in part to any other person, without the written consent of Black Cat.

This presentation is provided on the basis that neither Black Cat nor its respective officers, shareholders, related bodies corporate, partners, affiliates, employees, representatives and advisers, make any representation or warranty (express or implied) as to the accuracy, reliability, relevance or completeness of the material contained in this presentation and nothing contained in the presentation is, or may be relied upon, as a promise, representation or warranty, whether as to the past or the future. Black Cat hereby excludes all warranties that can be excluded by law.

All persons should consider seeking appropriate professional advice in reviewing the presentation and all other information with respect to Black Cat and evaluating the business, financial performance and operations of Black Cat. Neither the provision of the presentation nor any information contained in the presentation or subsequently communicated to any person in connection with the presentation is, or should be taken as, constituting the giving of investment advice to any person.

This presentation has been prepared for publication in Australia and may not be released to US wire services or distributed in the United States. This presentation does not constitute an offer to sell, or a solicitation of an offer to buy, securities in the United States or any other jurisdiction. Any securities described in this presentation have not been, and will not be, registered under the US Securities Act of 1933 and may not be offered or sold in the United States except in transactions exempt from, or not subject to, registration under the US Securities Act and applicable US state securities laws.

The Company confirms that all material assumptions underpinning the production target at Kal East Gold Project, or the forecast information derived from the production target, included in the original ASX announcement dated 3 June 2022 continue to apply and have not materially changed.

Competent Person's Statements

The information in this announcement that relates to geology, exploration results, and planning, was compiled by Dr. Wesley Groome, who is a Member of the AIG and an employee, shareholder and option holder of the Company. Dr. Groome 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'. Dr. Groome consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The information in this announcement that relates to Mineral Resources was compiled by Mr. Iain Levy, who is a Member of the AIG and an employee, shareholder and option holder of the Company. Mr. Levy 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. Levy consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The information in this report that relates to Open Pit Ore Reserves or Production Targets is based on and fairly represents information compiled by Mr. Alistair Thornton. Mr. Thornton is a full-time employee of Black Cat Syndicate Pty Ltd. Mr Thornton has confirmed that he has read and understood the requirements of the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Thornton is a Competent Person as defined by the JORC Code 2012 Edition, having more than five years' experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is accepting responsibility. Mr. Thornton is a Member of the AusIMM and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Underground Ore Reserves or Production Targets is based on and fairly represents information compiled or reviewed by Mr. Jake Rovacsek. Mr. Rovacsek is a full-time employee of Black Cat Syndicate Pty Ltd. Mr. Rovacsek has confirmed that he has read and understood the requirements of the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Rovacsek is a Competent Person as defined by the JORC Code 2012 Edition, having more than five years' experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is accepting responsibility. Me Rovacsek is a Member of the AusIMM and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company confirms that all material assumptions underpinning the production targets, or the forecast information derived from the production targets, included in the original ASX announcements dated 10 July 2023, 14 July 2023, and 19 July 2023 continue to apply and have not materially changed.

The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports, and that the form and context in which the Competent Person's findings are presented have not been materially modified from the original reports.

Where the Company refers to the Mineral Resources and Ore Reserves in this report (referencing previous releases made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource and Ore Reserve estimate with that announcement continue to apply and have not materially changed.

Gold Intercepts are based on 1 g/t cut-off with <1m of internal dilution.

Unless otherwise indicated, all dollar amounts in this presentation are Australian dollars.

An emerging growth story in gold

- Three advanced gold projects in Western Australia

- +2.4Moz Resources¹, including two of the highest grade deposits in Australia – Paulsens & Coyote
- Two installed plants, third ready to construct
- Robust studies on all projects only 50% of Resources considered so far
- Low risk, sequential development strategy to a multi-operation 150-180koz Au producer²



Low capital, internal funding to build substantial value



| Operation | on 1 Paulsens | | 3 Kal East | Strategy |
|-------------------------------------|--------------------|---------------------------------|--------------------|----------------------------------|
| Study Phase | Restart (PFS) | Scoping Study | PFS | Sequential development |
| Study Production | 136koz @ 4.2g/t Au | 200koz @ 3.6g/t Au | 302koz @ 1.9g/t Au | Conservative targets with upside |
| Activity | Refurbish plant | Relocate owned mill & refurbish | Install owned mill | 3 strategically located plants |
| Initial Capital (incl. development) | \$42M | \$80M | \$99M | Low capital / reduced risk |
| Operating Cashflow (after capital) | \$81M | \$176M | \$168M | Strong cashflow >\$425m |
| AISC | \$1,892/oz | \$1,586/oz | \$1,618/oz | Low cost / high margin |
| Life of Mine | +3 years (growing) | +5 years | +5 years | +5 years |
| LTI Production Target ² | 60-70kozpa | 40-50kozpa | 50-60kozpa | Grow to 150-180kozpa |
| Funding | Debt/equity | Cashflow/debt | Cashflow/debt | Internal funding, low dilution |

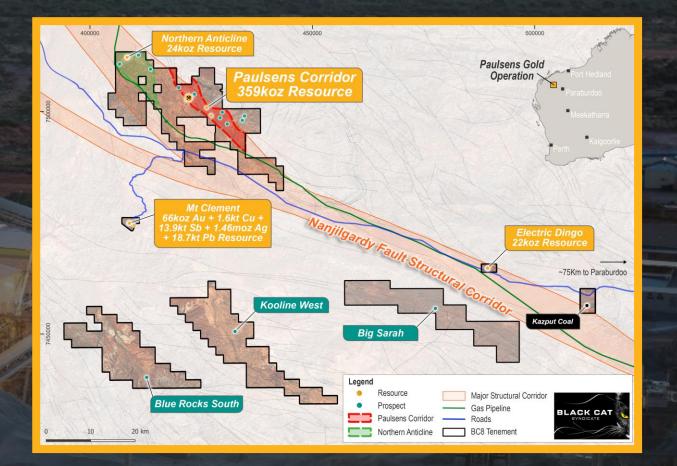
Simple structure, experienced team

BLACK CAT

| Corporate Information | | | Board of Directors | | | | |
|---|--------|---|---|--|--|--|--|
| Shares on issue | 267M | Gareth Solly | Former Senior Management roles with Norilsk Nickel, Silver Lake | | | | |
| Options | 7.5M | Managing Director BSc (1st Class Hons.), Dip | Resources and Saracen Minerals | | | | |
| Performance rights | 6.5M | Business | Registered Mine Manager at Daisy Milano Gold Mine | | | | |
| Market capitalisation (@ \$0.38) | \$101M | Paul Chapman | Chairman of Encounter Resources, Dreadnought Resources, Meeka | | | | |
| Cash (30 Jun 2023) \$4.7M NST deferred payments (@ 10%) \$10.0M | | Non-Executive Chairman | Metals and Non-Executive Director of Sunshine Metals | | | | |
| | | B.Comm, CA, Grad. Dip. Tax, MAICD, MAusIMM | Founding Chairman of Silver Lake Resources (now retired) Former director of Reliance Mining and Avanco Resources | | | | |
| Top 20 Holders: | ~47% | | | | | | |
| Directors (\$8M invested to date) | 10% | Philip Crutchfield Non-Executive Director BComm, | Current Non-Executive Director of Encounter Resources, Applyflow, Hamelin Gold and Dreadnought Resources | | | | |
| | | LL.B (Hons), LL.M LSE | Previous roles include founding Chairman of Zip Co | | | | |
| | | | Currently Non-Executive Director of Sunshine Metals | | | | |
| | 26% | Les Davis | • Founding Managing Director of Silver Lake Resources (now retired) | | | | |
| | | Non-Executive Director MSc (Min. Economics) | Former Non-Executive Director of Spectrum Metals | | | | |
| Institutional | | | Previous senior executive roles with WMC, Reliance Mining and Consolidated Minerals | | | | |
| Directors | 10% | | | | | | |
| Strategic/Corporate | | Tony Polglase Non-Executive Director | Non-Executive Director of New World Resources and Bravo Mining | | | | |
| Other | 4% | BEng (1st Class Hons.), ACSM | Former Managing Director of Avanco Resources | | | | |

1 PAULSENS GOLD OPERATION

Restart to Drive Growth



PAULSENS GOLD OPERATION

Cornerstone to drive cashflow & growth

~1,250km² of highly prospective ground

Well maintained 450ktpa processing facility

Dewatered and ventilated underground mine

One of Australia's highest-grade deposits - 328koz @ 9.9g/t¹

Only gold processing facility within 400km

Robust restart plan – just the beginning

Key infrastructure and permits in place

Rapidly growing Resources







Conservative Study Outcomes

| Project Highlights | Units | Restart Study July 2023 |
|---|--------|-------------------------|
| Initial Years | Years | 3.0 |
| Ore Mined | Mt | 1.0 |
| Ore Grade (UG 4.3g/t; OP 3.4g/t; SP 1.6g/t) | g/t Au | 4.2 |
| Gold in Ore | koz | 136 |
| Recovery | % | 89.9 |
| Gold Recovered | koz | 123 |
| Processing Rate | Mtpa | 0.35 |
| Average Mined Ounces | koz | 42 |
| Study Gold Price | \$/oz | 2,900 |
| Gold Revenue | \$M | 355.9 |
| Pre-production Capital | \$M | (34.3) |
| Pre-production Development | \$M | (8.0) |
| Development Capital | \$M | (1.0) |
| Sustaining Capital | \$M | (3.7) |
| All-In Sustaining Cost (AISC) | \$/oz | 1,892 |
| Operating Cashflow (after capital & tax) | \$M | 81.2 |



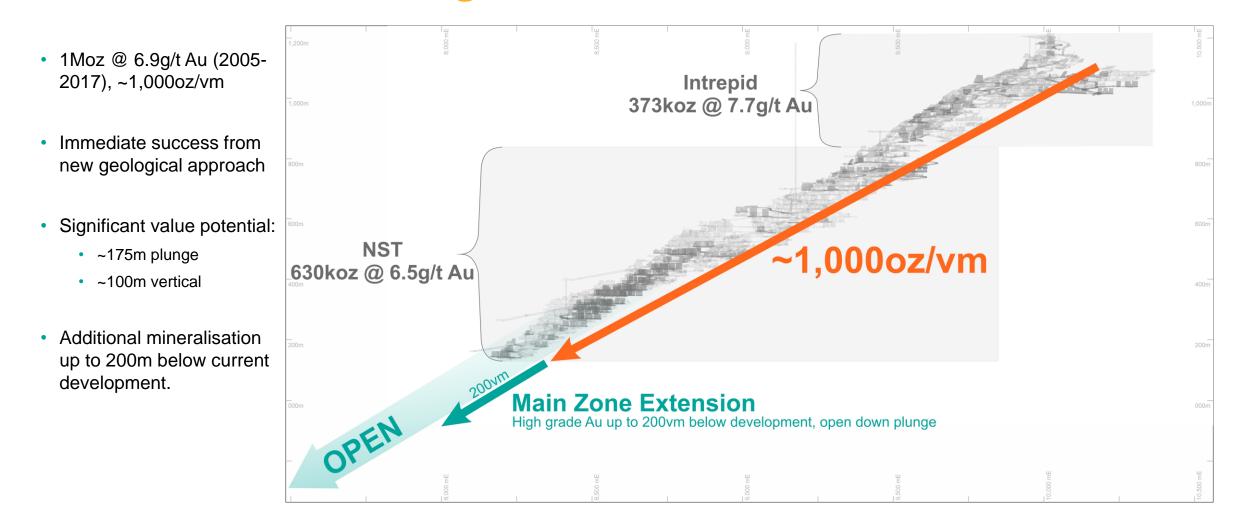
| Only 73% of Resources considered; Main Zone Extension not included |
|---|
| Ore Reserves - 64% of production |
| Top 10 highest head grades in Australia ¹ |
| Low capital cost ~\$42.3M / High IRR 75% |
| 15% available processing capacity |
| Main Zone Extension to increase production & mine life |
| |

AISC - bottom half of Australian producers¹

1 PAULSENS GOLD OPERATION



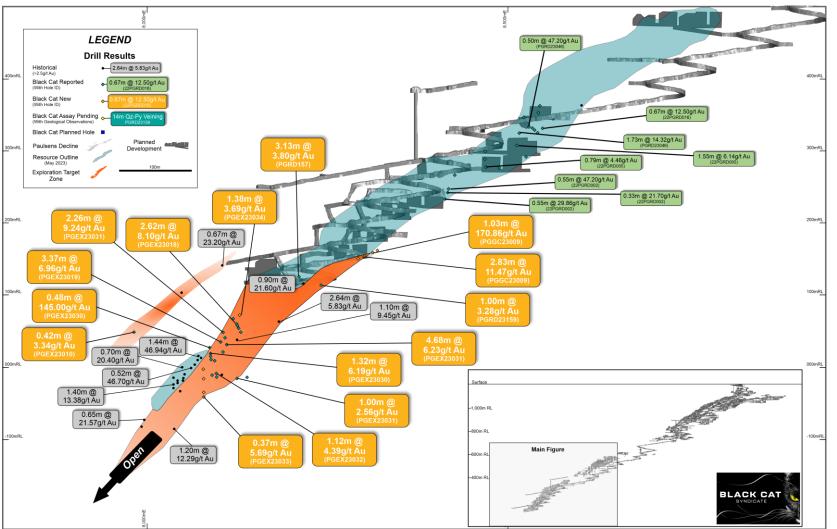
Main Zone Extension, significant value driver



PAULSENS GOLD OPERATION

Main Zone Extension – significant upside to Restart Study

- Main Zone Extension discovery:
 - Thick quartz & sulphide shear zone
 - 100vm / 175m plunge extension
 - Known mineralisation for another 100m
 - · All upside to Restart Study
- Drilling includes:
 - 2.62m @ 8.10g/t Au
 - 3.37m @ 6.96g/t Au
 - 2.26m @ 9.24g/t Au
 - 4.68m @ 6.23g/t Au
 - 0.48m @ 145.00g/t Au
 - 1.03m @ 170.86g/t Au
- Deep historical drilling missed the thickest part of Main Zone, includes:
 - 0.52m @ 46.70g/t Au
 - 0.65m @ 21.57g/t Au
- Strong value driver: mine life, production rate, cashflow



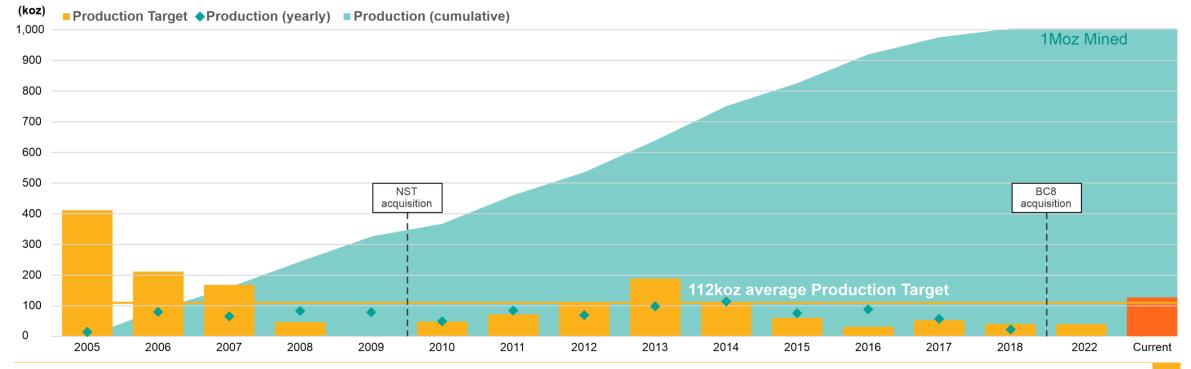
BLACK CAT

ASX: BC8 | August 2023



Mine life is a function of drilling - >5 years already visible

- 7 months of drilling, has increased Resource 3.7x and generated 3-year mine plan
- Historic average Resource of ~270koz and mine life of <2.5 years, yet mined over 1Moz
- Strategy for Main Zone Extension to deliver +5 year mine life, increased production rate



History of mine life vs production

Refer BC8 ASX announcement 10/7/2023 See Appendix for supporting information and sources for historic production data



26 Week Restart Plan



Processing Facility

- 26 week refurbishment plan
- Upgrades: electrical system, power station, crusher, CIL tanks



Underground Mining

- Build 20kt stockpile 8 weeks prior to commissioning
- Owner-operator
- Underground production:
 - 78% Longhole open stoping
 - 13% Jumbo development
 - 9% Airleg



BLACK CAT

Tailings Storage Facility (TSF)

• 8 week TSF raise

1 PAULSENS GOLD OPERATION

Capability to deliver

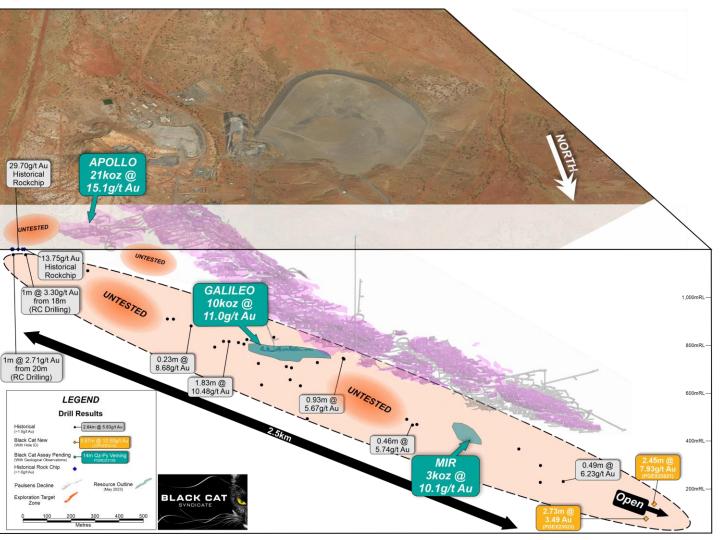
- Established infrastructure and long operating history lowers restart risk
- Refurbishment plan by GR Engineering, independently reviewed, current WA costs
- Independent ongoing cost/progress supervision supporting internal controls
- Mark Davies, General Manager Paulsens:
 - Restart Study owner
 - Significant underground mining experience
- Key positions already in place:
 - Processing Manager
 - Underground Mining Manager
 - Underground Geologists
- Strong interest from operators known to management team

BLACK CAT

PAULSENS GOLD OPERATION

Resource growth – Hangingwall

- The hangingwall is under-explored
- Hangingwall Resources 33.4koz @ 13.1g/t Au
- Paulsens East Trend
 - 2.5km long mineralised structure
 - Current Resources 12.7koz @ 10.8g/t Au
 - · Projects to surface:
 - Historical rock chips of up to 20.7g/t Au
 - Open down plunge
- Apollo
 - Near-surface 20.6koz @ 15.1g/t Au Resource
 - Open along strike to the east, down plunge to the west and at depth
 - Drilling planned September October 2023

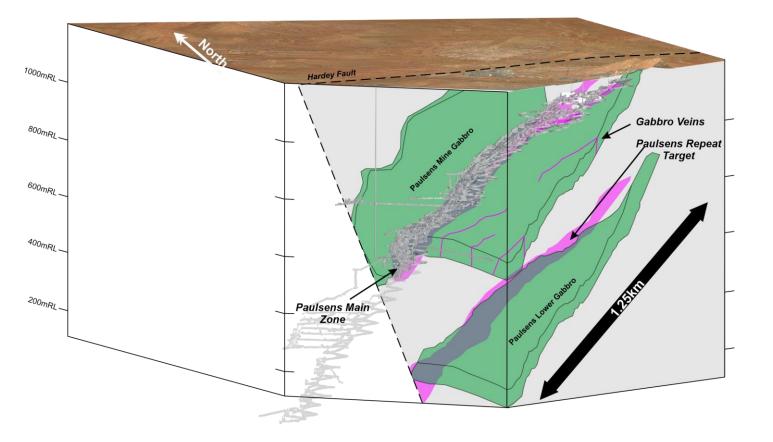






Resource growth – Paulsens Repeat

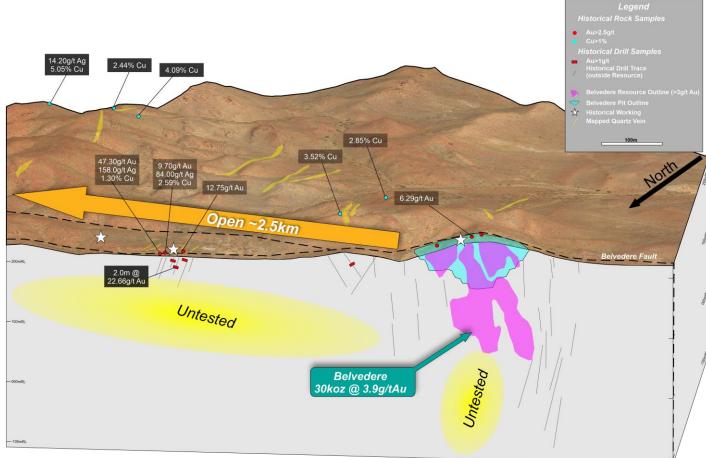
- Paulsens Repeat target identified in 2018 \$2M
 3D seismic survey
- Similar Gabbro host unit located ~300m below the Paulsens Mine Gabbro
- 1,250m strike paralleling Paulsens
- First phase drilling completed:
 - Validated geology model
 - Confirmed mineralising fluids
 - Calibrated stratigraphic & seismic data
- Downhole EM surveys & further drilling planned



PAULSENS GOLD OPERATION

Resource growth – Belvedere

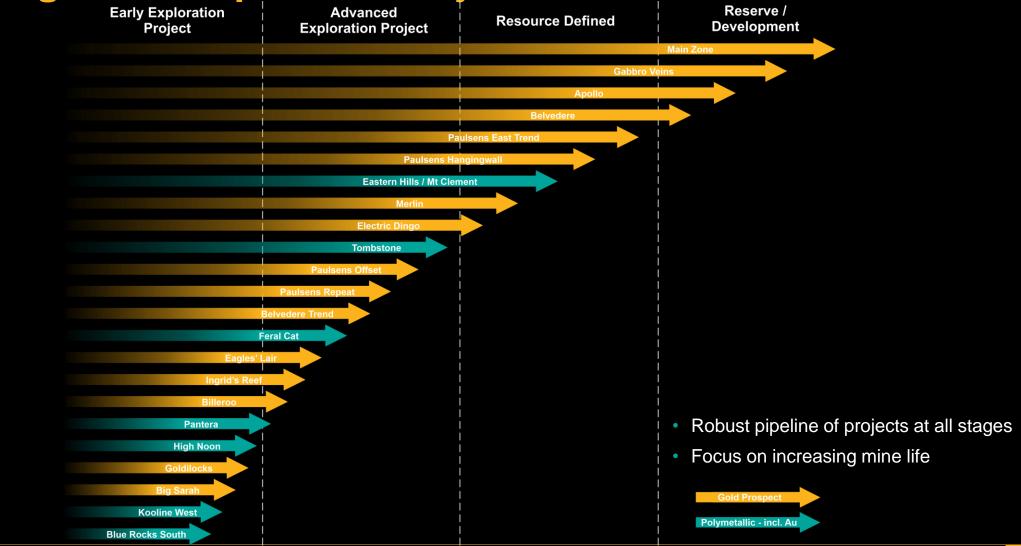
- Potential for a Paulsens-scale deposit from surface:
 - 6.5km from plant on Mining Lease
 - major regional fault with high-grade mineralisation at surface
 - ~2.5km trend, ~100m of which has been drilled
 - Polymetallic Au-Cu-Ag
- Current Resource: 30koz @ 3.9g/t Au
 - Only 76kt @ 3.4g/t Au in the Study
- High grade lodes open in all directions:
 - 4m @ 28.9g/t Au & 91.0g/t Ag from 69m
 - 9m @ 12.7g/t Au from 73m
 - 5m @ 12.4g/t Au & 25.0g/t Ag from 107m
 - 4m @ 16.8g/t Au from 12m
- Drilling September October 2023



BLACK CAT

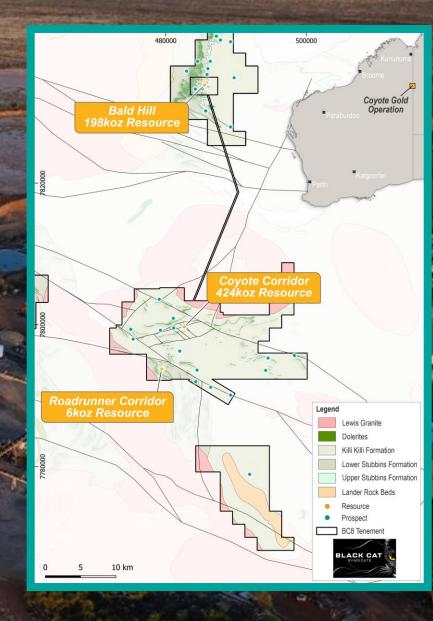
1 PAULSENS GOLD OPERATION

Resource growth – Pipeline of Projects



2 COYOTE GOLD OPERATION

High-grade gold with scale and exploration potential



2 COYOTE GOLD OPERATION

High-grade Resource and untested multi-metal potential

819km² of highly prospective ground

Installed processing facility and camp – to be expanded with owned mill

Robust Scoping Study

• \$176m cashflow @ \$2,900/oz

Only gold processing facility for +200km - high strategic value

One of Australia's highest-grade underground deposits - 356koz @ 14.6g/t Au

No systemic exploration for a decade

Strong regional exploration potential for gold, base metals, PGE & REE



Conservative Study Outcomes

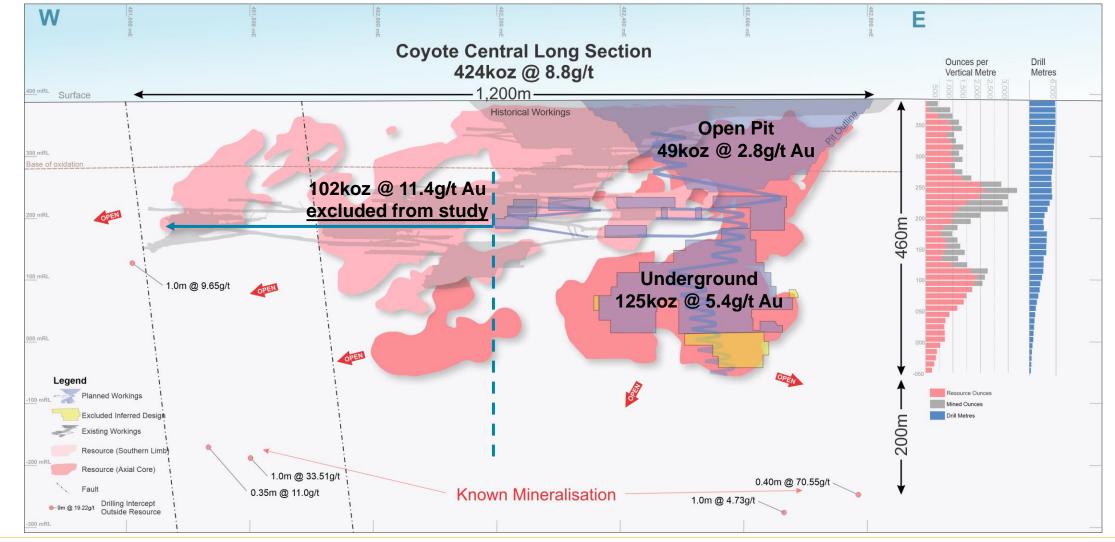
| Project Highlights | Units | Scoping Study July 2023 | Strong base case, not yet optimised for cashflow \$ | | | | |
|---|--------|-------------------------|---|--|--|--|--|
| Initial Years | Years | 5.0 | debottlenecking | | | | |
| Ore Mined (including stockpiles) | Mt | 1.7 | | | | | |
| Ore Grade (UG 5.4g/t; OP 2.8g/t; SP 1.7g/t) | g/t Au | 3.6 | 372koz @ 4.8g/t Au Resources not yet considered | | | | |
| Gold in Ore | koz | 200 | | | | | |
| Recovery | % | 97 | Low capital cost due to existing/owned | | | | |
| Gold Recovered | koz | 195 | infrastructure | | | | |
| Processing Rate | Mtpa | 0.38 | | | | | |
| Average Mined Ounces | koz | 44 | Rapid Resource growth since acquisition | | | | |
| Study Gold Price | \$/oz | 2,900 | | | | | |
| Gold Revenue | \$M | 565 | | | | | |
| Pre-production Capital | \$M | (46) | High IRR 60% | | | | |
| Pre-production Development | \$M | (34) | | | | | |
| Future Development Capital | \$M | (1.3) | AISC - bottom third of Aust. producers ¹ | | | | |
| Sustaining Capital | \$M | (6.3) | | | | | |
| All-In Sustaining Cost (AISC) | \$/oz | 1,586 | | | | | |
| Operating Cashflow (after capital & before tax) | \$M | 176 | Rapid restart with ~7 months to first gold | | | | |

BLACK CAT

2 COYOTE GOLD OPERATION



Coyote Central – one of Australia's highest-grade deposits

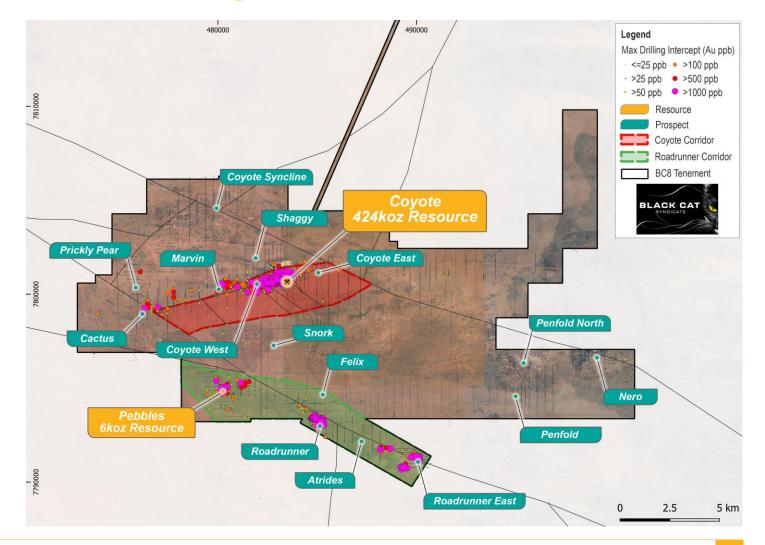


2 COYOTE GOLD OPERATION

BLACK CAT

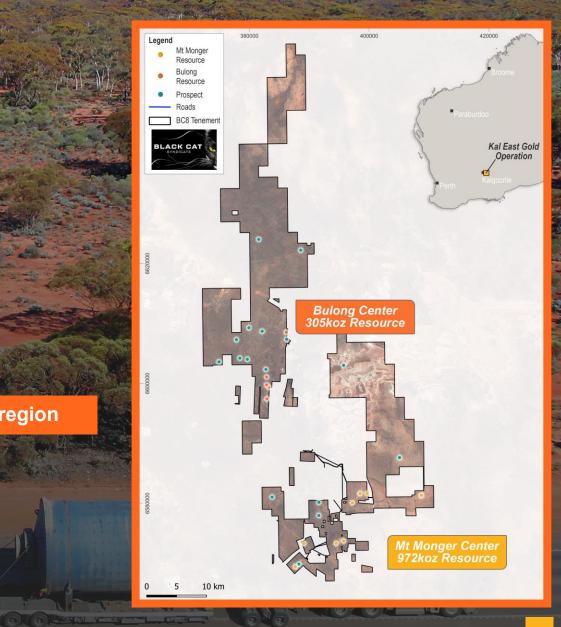
Multi-million ounce and multi-metal regional potential

- Mineralisation is controlled by intersection of NW/NE faults and folded stratigraphy
 - Fold hinges host the largest Tanami deposits
- Multi-km scale Au, As and Bi anomalies:
 - Potential for multi-million ounce deposits similar to Callie (+14Moz) and Groundrush (1Moz)
 - Multiple mineralised styles remain untested
- Numerous multi-commodity regional targets:
 - Fertile Ni-Co-PGE intrusives
 - Heavy rare earth element potential along unconformities



3 KAL EAST GOLD PROJECT

1.3Moz Resource in Australia's premier gold mining region



3 KAL EAST GOLD PROJECT

Development ready with upside

+1,000km² in premier gold mining region

Large 1.3Moz Resource, multi-million ounce potential

July 2023 Study Update

• \$168m cashflow @ \$2,900/oz

800ktpa mill designed, permitted, major components acquired

Strategic - only plant east of Kalgoorlie

BLACK CAT

ACK

Key Study Outcomes

| Project Highlights | Units | Updated PFS July 2023 | | | | |
|---|--------|-----------------------|--|--|--|--|
| Initial Years | Years | 5.5 | Robust, base case, production target of 302koz | | | |
| Ore Mined | Mt | 4.8 | | | | |
| Ore Grade (OP: 1.7g/t; UG: 3.2g/t) | g/t Au | 1.9 | | | | |
| Gold in Ore | koz | 302 | Ore Reserves - 80% of production | | | |
| Recovery | % | 92 | | | | |
| Gold Recovered | koz | 278 | | | | |
| Processing Rate | Mtpa | 0.8 | 694koz @ 2.0g/t Au Resources not yet considered | | | |
| Average Mined Ounces | koz | 56 | | | | |
| Study Gold Price | \$/oz | 2,900 | Costs reflect current market | | | |
| Gold Revenue | \$M | 807.5 | Cosis reneci current market | | | |
| Pre-production Capital | \$M | (69.0) | | | | |
| Pre-production Development | \$M | (30.0) | AISC - bottom third of Aust. producer costs ¹ | | | |
| Development Capital | \$M | (90.0) | | | | |
| Sustaining Capital | \$M | (47.8) | | | | |
| All-In Sustaining Cost (AISC) | \$/oz | 1,618 | Gold price change of \$100/oz changes = Operating | | | |
| Operating Cashflow (after capital & before tax) | \$M | 167.9 | Cashflow <u>+</u> ~\$27M | | | |

BLACK CAT

Projects summary



Paulsens

- 136koz / \$81M cf / +3-5 yrs
- High-grade underground Resource: 328koz @ 9.9g/t
- Only processing facility 400km
- First gold ~ 6 months
- Main Zone Extension adds
 significant value
- Funds future growth



Coyote

- 200koz / \$176M cf / +5 yrs
- High-grade underground Resource: 356koz @ 14.6g/t
- Only processing facility in the Western Tanami
- First gold ~ 7 months
- 2nd project, still to be optimised



BLACK CAT

Kal East

- 302koz / \$168M cf / +5 yrs
- 1.3Moz Resource
- Premier mining region
- Ready to construct
- Strategically located east of Kalgoorlie



Upcoming activity schedule

| Bl | ACK | CAT |
|----|------------|-----|
| | SYNDICA | TE |

| | Activity Schedule | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 5 | Qtr 6 |
|------|-----------------------------------|-------|-------|-------|-------|-------|-------|
| | Decision to Mine/Funding | | | | | | |
| | Processing Facility Refurbishment | | | | | | |
| Su | TSF | | | | | | |
| ulse | Underground Mine Development | | | | | | |
| Pa | Commissioning and First Gold | | | | | | |
| - | Operations | | | | | | |
| | Underground and Surface Drilling | | | | | | |

| /ote | Resource Drilling | | | |
|------|----------------------|--|-----------|--|
| S | Regional Exploration | | | |
| | | | · · · · · | |

| East | Resource Drilling | |
|------|----------------------|--|
| Kal | Regional Exploration | |

Production re-rating potential



- Average Enterprise Value ("EV") per production ounce for Australian gold producers is \$4,740/oz
- Notional EV's based on peer average:
 - 50koz @ \$4,740 = \$240M
 - 100koz @ \$4,740 = \$480M
 - 150koz @ \$4,740 = \$720M





Investment Summary – significant re-rating potential

Proven strategy to a new multi-operation producer with potential first gold in H1 2024

Low risk sequential development plan using cashflow to fund growth and minimise dilution

High grade, high margin projects with low start-up capital; in the bottom half of Aust. gold producer costs¹

Scope for significant market re-rating as producer with strategically located processing facilities

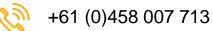


Thank you

 \bigcirc

Level 3, 52 Kings Park Road, West Perth WA 6005

PO Box 184, West Perth WA 6872





admin@bc8.com.au



www.bc8.com.au

ABN 63 620 896 282



Gold Resources summary

| | Measured Resource | | | Indicated Resource | | | Inferred Resource | | | Total Resource | | |
|-------------------|-------------------|-------------------|---------------------|--------------------|-------------------|---------------------|-------------------|-------------------|---------------------|-------------------|-------------------|---------------------|
| Mining Centre | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) |
| Kal East | | | | | | | | | | | | |
| Open Pit | 13 | 3.2 | 1 | 8,198 | 1.9 | 493 | 7,572 | 1.6 | 386 | 15,781 | 1.7 | 880 |
| Underground | - | - | - | 1,408 | 4.5 | 204 | 1,647 | 4 | 211 | 3,055 | 4.2 | 414 |
| Kal East Resource | 13 | 3.2 | 1 | 9,606 | 2.3 | 697 | 9,219 | 2 | 597 | 18,836 | 2.1 | 1,294 |
| Coyote | | | | | | | | | | | | |
| Open Pit | - | - | - | 1,168 | 2.8 | 106 | 816 | 3.1 | 82 | 1,985 | 3.0 | 189 |
| Underground | - | - | - | 274 | 20.9 | 184 | 1,029 | 7.8 | 257 | 1,304 | 10.5 | 440 |
| Stockpiles | - | - | - | 375 | 1.4 | 17 | - | - | - | 375 | 1.4 | 17 |
| Coyote Resource | - | - | - | 1,818 | 5.3 | 307 | 1,845 | 5.7 | 339 | 3,664 | 5.5 | 645 |
| Paulsens | | | | | | | | | | | | |
| Open Pit | - | - | - | 227 | 2.5 | 18 | 2,327 | 1.6 | 119 | 2,554 | 1.7 | 137 |
| Underground | 129 | 11.5 | 48 | 481 | 9.8 | 152 | 915 | 4.5 | 133 | 1,524 | 6.8 | 333 |
| Stockpiles | 11 | 2.8 | 1 | - | - | - | - | - | - | 11 | 2.8 | 1 |
| Paulsens Resource | 140 | 10.8 | 49 | 708 | 7.5 | 170 | 3,242 | 2.4 | 252 | 4,089 | 3.6 | 471 |
| TOTAL Resource | 153 | 10.1 | 50 | 12,131 | 3.0 | 1,174 | 14,306 | 2.6 | 1,188 | 26,589 | 2.8 | 2,410 |

Notes:

1. The preceding statements of Mineral Resources conforms to the 'Australasian Code for Reporting of Exploration Results Mineral Resources and Ore Reserves (JORC Code) 2012 Edition'.

2. All tonnages reported are dry metric tonnes.

Data is rounded to thousands of tonnes and thousands of ounces gold. Discrepancies in totals may occur due to rounding. 3.

Resources have been reported as both open pit and underground with varying cut-offs based off several factors discussed in the corresponding Table 1 which can be found with the original ASX announcements 4. for each Resource

5. Resources are reported inclusive of any Reserves

Paulsens Inferred Resource includes Mt Clement Eastern Zone Au of 7koz @ 0.3g/t Au accounting for lower grades reported 6.



BLACK CAT SYNDICATE

Polymetallic Resources summary

BLACK CAT

| Zone | Resource Category | Tonnes ('000) | Au (g/t) | Cu (%) | Sb (%) | Ag (g/t) | Pb (%) | Au (koz) | Cu (kt) | Sb (kt) | Ag (koz) | Pb (kt) |
|---------|----------------------|------------------|----------|--------|--------|----------|--------|----------|---------|---------|----------|---------|
| Mestern | Inferred | 415 | - | 0.4 | 0.2 | 76.9 | - | * | 1.6 | 0.7 | 1,026 | - |
| Western | Total | 415 | - | 0.4 | 0.2 | 76.9 | - | * | 1.6 | 0.7 | 1,026 | - |
| Factorn | Inferred | 794 | - | - | 1.7 | 17.0 | 2.4 | * | - | 13.2 | 434 | 18.7 |
| Eastern | Total | 794 | - | - | 1.7 | 17.0 | 2.4 | * | - | 13.2 | 434 | 18.7 |
| Total | Resources | 1,209 | - | - | - | - | | * | 1.6 | 13.9 | 1,460 | 18.7 |

Notes:

1. All tonnages reported are dry metric tonnes.

2. Data is rounded to thousands of tonnes and thousands of ounces gold. Discrepancies in totals may occur due to rounding.

Ore Reserves

| | | Proven Reserve | s | P | Probable Reserv | /es | Total Reserves | | | | |
|------------------|-------------------|-------------------|---------------------|-------------------|-------------------|---------------------|-------------------|-------------------|---------------------|--|--|
| Operation | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | | |
| Kal East | | | | | | | | | | | |
| Open Pit | - | - | - | 3,288 | 1.8 | 193 | 3,288 | 1.8 | 193 | | |
| Underground | - | - | - | 437 | 3.6 | 50 | 437 | 3.6 | 50 | | |
| Kal East Reserve | - | - | - | 3,725 | 2.0 | 243 | 3,725 | 2.0 | 243 | | |
| Paulsens | | | | | | | | | | | |
| Open Pit | - | - | - | - | - | - | - | - | - | | |
| Underground | 82 | 5.0 | 13 | 537 | 4.3 | 74 | 620 | 4.4 | 87 | | |
| Paulsens Reserve | 82 | 5.0 | 13 | 537 | 4.3 | 74 | 620 | 4.4 | 87 | | |
| TOTAL Reserve | 82 | 5.0 | 13 | 4,262 | 2.3 | 317 | 4,345 | 2.4 | 330 | | |

Notes:

1. The preceding statements of Mineral Reserves conforms to the 'Australasian Code for Reporting of Exploration Results Mineral Resources and Ore Reserves (JORC Code) 2012 Edition'.

- 2. All tonnages reported are dry metric tonnes.
- 3. Data is rounded to thousands of tonnes and thousands of ounces gold. Discrepancies in totals may occur due to rounding.
- 4. Cut-off Grade:
 - Open Pit The Ore Reserves are based upon an internal cut-off grade greater than or equal to the break-even cut-off grade.
 - Underground The Ore Reserves are based upon an internal cut-off grade greater than the break-even cut-off grade.
- 5. The commodity price used for the Revenue calculations was AUD \$2,500 per ounce.
- 6. The Ore Reserves are based upon a State Royalty of 2.5% and a refining charge of 0.2%.

Long Term Incentive – Employee Performance Rights



The performance rights are designed as Long-Term Incentives ("LTI's") to align the Senior Leadership Team with the creation of shareholder value over the long term and form part of the Company's remuneration and retention strategy.

Key pillars are in place to build a multi-operation gold business and the board has set the following Key Performance Indicators ("KPI's) or Target's, as vesting conditions for the performance rights to align Company growth with increase in shareholder value:

- Coyote Gold Operation Annual sustained production rate of 40,000 to 50,000 oz of gold
- Paulsens Gold Operation Annual sustained production rate of 60,000 to 70,000 oz of gold
- Kal East Gold Project Annual sustained production rate of 50,000 to 60,000 oz of gold
- Details of the LTI awards are:

| Eligibility | Members of the Senior Leadership Team who are responsible for delivering the strategic direction of the Company. |
|---------------------------------|---|
| Awards | The 2022 LTI Awards are in the form of Performance Rights. Performance rights are issued for nil consideration and if Vesting Conditions are satisfied, may be exercised before the Expiry Date into ordinary fully paid shares in the Company. 2022 LTI Awards are issued pursuant to the terms and conditions of the Company's Incentive Option Plan. |
| Performance Period | The Vesting Conditions of the 2022 LTI Awards are measured, and can be achieved, at any time prior to the Expiry Date |
| Expiry Date | 2022 LTI Awards expire 30 June 2027, unless lapsing earlier in accordance with the terms and conditions of the Company's Incentive Option Plan |
| Vesting Conditions (KPIs) | 2022 LTI Awards are measured from 1 July 2022, may vest and become exercisable in three equal tranches based on the following specific performance conditions (KPI's) relating to production of gold from its three distinct gold projects as follows: 1/3 vest on achieving a sustained production rate of 40,000 to 50,000 oz per annum at the Coyote Gold Operation 1/3 vest on achieving a sustained production rate of 60,000 to 70,000 oz per annum at the Paulsens Gold Operation 1/3 vest on achieving a sustained production rate of 50,000 to 60,000 oz per annum at the Kal East Gold Project |

Supporting Information

| | Resources | | | | | | | | Reserve / Production Target | | | | | | | | | | | | | | | |
|------|-------------------|-------------------|---------------------|--------------------|-------------------|---------------------|-------------------|-------------------|-----------------------------|-------------------|-------------------|---------------------|-------------------|-------------------|---------------------|-------------------|----------------------|---------------------|---------------------|-------------------|-------------------|---------------------|---------------|--------------------------|
| Year | Measured Resource | | ource | Indicated Resource | | Inferred Resource | | ource | Total Resource | | | Proven | | Probable | | | Production Target | | Total | | Reference | | | |
| | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Metal ('000s oz) | Tonnes ('000s) | Grade (g/t Au) | Metal ('000s oz) | Company | Date of ASX Announcement |
| 2005 | - | - | - | 1,223 | 12.2 | 480 | 216 | 8.7 | 60 | 1,439 | 11.7 | 541 | - | - | - | 1,202 | 10.66 | 412 | - | 1,202 | 10.66 | 412 | NuStar | 17-Oct-05 |
| 2006 | 294 | 9.8 | 93 | 729 | 10.4 | 244 | 322 | 9.1 | 97 | 1,345 | 10.0 | 434 | - | - | - | 768 | 8.53 | 211 | - | 768 | 8.53 | 211 | Intrepid | 31-Oct-06 |
| 2007 | 392 | 9.4 | 118 | 713 | 11.4 | 261 | 122 | 9.3 | 36 | 1227 | 10.5 | 415 | - | - | - | 534 | 9.9 | 170 | - | 534 | 9.9 | 170 | Intrepid | 27-Apr-07 |
| 2008 | - | - | - | 269 | 9.2 | 80 | 230 | 9 | 69 | 499 | 9.3 | 149 | 7 | 6.9 | 2 | 212 | 7.0 | 48 | - | 220 | 7 | 49 | Intrepid | 8-Apr-09 |
| 2009 | - | - | - | 204 | 13.7 | 90 | 110 | 11 | 39 | 314 | 12.8 | 129 | - | - | - | - | - | - | - | - | - | - | Intrepid | 8-Dec-09 |
| 2010 | - | - | - | 204 | 13.7 | 90 | 110 | 11 | 39 | 314 | 12.8 | 129 | - | - | - | - | - | - | 51 | - | - | 51 | Northern Star | 30-Jun-10 |
| 2011 | - | - | - | 811 | 5.5 | 143 | 457 | 4.9 | 72 | 1,268 | 5.3 | 226 | - | - | - | - | - | - | 75 | - | - | 75 | Northern Star | 8-Mar-11 |
| 2012 | 57 | 11.1 | 20 | 1,027 | 6.6 | 218 | 302 | 7.1 | 69 | 1,386 | 5.8 | 258 | 123 | 6.1 | 24 | 711 | 3.7 | 85 | - | 834 | 4.1 | 113 | Northern Star | 21-Feb-12 |
| 2013 | 698 | 10.3 | 231 | 844 | 5.7 | 154 | 349 | 6.3 | 71 | 1,891 | 7.5 | 456 | 430 | 6.9 | 99 | 609 | 14.6 | 92 | - | 1,039 | 18.79 | 191 | Northern Star | 5-Aug-13 |
| 2014 | 623 | 7.4 | 149 | 819 | 5.0 | 131 | 384 | 4.8 | 59 | 1,826 | 5.8 | 339 | 283 | 13.8 | 36 | 649 | 3.5 | 72 | - | 932 | 3.6 | 108 | Northern Star | 30-Sep-14 |
| 2015 | 836 | 9.4 | 251 | 212 | 8.2 | 56 | 225 | 9.1 | 66 | 1,273 | 9.1 | 373 | 275 | 7.1 | 63 | 131 | 6.2 | 26 | - | 406 | 6.8 | 89 | Northern Star | 27-Aug-15 |
| 2016 | 558 | 7.8 | 140 | 265 | 9.7 | 83 | 980 | 2.9 | 91 | 1,706 | 5.7 | 314 | 213 | 5.4 | 37 | 110 | 7.3 | 26 | - | 323 | 6.1 | 63 | Northern Star | 28-Jul-16 |
| 2017 | 366 | 5.9 | 70 | 160 | 5.4 | 28 | 165 | 6 | 32 | 691 | 5.8 | 129 | 153 | 4.3 | 21 | 91 | 4.2 | 12 | - | 243 | 4.3 | 34 | Northern Star | 3-Aug-17 |
| 2018 | 272 | 5.6 | 49 | 116 | 5.3 | 20 | 100 | 5.1 | 16 | 488 | 5.4 | 85 | 11 | 1.6 | 1 | 396 | 4.3 | 54 | - | 407 | 4.2 | 55 | Northern Star | 2-Aug-18 |
| 2022 | 353 | 5.7 | 65 | 88 | 5.6 | 16 | 43 | 6.6 | 9 | 484 | 5.8 | 90 | 197 | 4.9 | 31 | 84 | 4 | 11 | - | 281 | 4.6 | 42 | Northern Star | 3-May-22 |

| | Historical P | Production (| (mined) | Compony | ASX | EV | Production | | EV/Production | Reference | |
|-------|-------------------|-------------------|--|------------------------|------|-------|------------|---------------|---------------|---------------------------------------|--|
| Year | Tonnes ('000s) | Grade (q/t Au) | Metal ('000s oz) | Company | Code | | Froduction | ASIC (A\$/02) | EVIPTOduction | | |
| 2005 | 54 | 8.8 | 15 NuStar Quarterly Activity Reports | Capricorn Metals | CMM | 1,760 | 120 | 1,210 | 14,671 | ASX announcement CMM dated 27/4/2023 | |
| 2006 | 262 | 9.1 | 77 Intrepid Quarterly Activity Reports | Gold Road Resources | GOR | 1,646 | 178 | 1,600 | 9,274 | ASX announcement GOR dated 24/04/2023 | |
| 2007 | 319 | 6.8 | 70 Intrepid Quarterly Activity Reports | Alkane Resources | ALK | 395 | 70 | 1,650 | 5,647 | ASX announcement ALK dated 05/07/2023 | |
| 2008 | 326 | 8.3 | 86 Intrepid Quarterly Activity Reports | Tietto Minerals | TIE | 540 | 113 | 1,381 | 4,802 | ASX announcement TIE dated 06/07/2023 | |
| 2009 | 341 | 7.4 | 81 Intrepid Quarterly Activity Reports | Ramelius Resources | RMS | 1,036 | 245 | 1,850 | 4,230 | ASX announcement RMS dated 27/04/2023 | |
| 2010 | 215 | 7.4 | 49 Northern Star Quarterly Activity Reports | Red 5 | RED | 810 | 195 | 1,850 | 4,155 | ASX announcement RED dated 05/07/2023 | |
| 2011 | 213 | 10.4 | 84 Northern Star Quarterly Activity Reports | Regis Resources | RRL | 1,817 | 460 | 1,820 | 3,951 | ASX announcement RRL dated 17/04/2023 | |
| 2012 | 358 | 6.3 | 72 Northern Star Quarterly Activity Reports | Ora Banda Mining | OBM | 203 | 52 | 2,800 | 3,904 | ASX announcement OBM dated 27/04/2023 | |
| 2012 | 508 | 6.3 | 104 Northern Star Quarterly Activity Reports | West African Resources | WAF | 760 | 219 | 1,754 | 3,470 | ASX announcement WAF dated 05/04/2023 | |
| 2014 | 508 510 | 0.3 7.1 | 116 Northern Star Quarterly Activity Reports | Perseus Mining | PRU | 1,732 | 513 | 1,567 | 3,376 | ASX announcement PRU dated 19/04/2023 | |
| 2015 | 456 | 5.2 | 76 Northern Star Quarterly Activity Reports | Pantoro | PNR | 360 | 110 | 1,900 | 3,277 | ASX announcement PNR dated 07/03/2023 | |
| 2015 | 456 399 | 5.2 | 91 Northern Star Quarterly Activity Reports | Silver Lake Resources | SLR | 752 | 260 | 2,000 | 2,893 | ASX announcement SLR dated 04/07/2023 | |
| 2010 | 399 352 | 5.1 | 58 Northern Star Quarterly Activity Reports | Resolute Mining | RSG | 903 | 350 | 2,209 | 2,581 | ASX announcement RSG dated 07/04/2023 | |
| 2018 | | | 25 Northern Star Quarterly Activity Reports | Calidus Resources | CAI | 171 | 67 | 2,125 | 2,547 | ASX announcement CAI dated 06/07/2023 | |
| Total | 175 | 4.4 | 20 7 7 7 | Westgold Resources | WGX | 604 | 250 | 2,000 | 2,416 | ASX announcement WGX dated 05/07/2023 | |
| Total | 4,525 | 6.9 | 1,003 | Average | | 899 | 213 | 1,848 | 4,746 | | |

BLACK CAT