

Investor Presentation

February 2025

newmurchgold.com.au





Disclaimer

Important - you must read the following before continuing

This investor presentation ("Presentation") is dated 30 May 2024 and has been prepared by New Murchison Gold Limited (ACN 950 465 564) (ASX:NMG) ("NMG", "New Murch" or "the Company"). The following notices and disclaimers apply to this Presentation, and you are therefore advised to read this carefully before reading or making any other use of this Presentation or any information contained in this Presentation. By reading this Presentation you represent and warrant that you are entitled to receive this Presentation in accordance with the restrictions, and agree to be bound by the limitations, contained within it.

The distribution of this Presentation in jurisdictions outside Australia may be restricted by law and you should observe such restrictions. Any failure to comply with such restrictions may constitute a violation of applicable securities law. This Presentation has been authorised for release to ASX by the Board of Directors ("Board") of New Murchison Gold Limited.

Summary information only

This Presentation is a summary only and contains summary information about NMG and its subsidiaries and their activities, which is current as at the date of this Presentation (unless otherwise indicated), and the information in this Presentation remains subject to change without notice. The information in this Presentation is general in nature and does not purport to be accurate nor complete, nor does it contain all of the information that an investor may require in evaluating a possible investment in NMG, nor does it contain all the information which would be required in a disclosure document or prospectus prepared in accordance with the requirements of the Corporations Act 2001 (Cth) ("Corporations Act"). It has been prepared by NMG with due care but no representation or warranty, express or implied, is provided in relation to the accuracy, reliability, fairness or completeness of the information, opinions or conclusions in this Presentation by NMG or any other party involved in its preparation. All references are in calendar years.

Reliance should not be placed on information or opinions contained in this Presentation and, NMG does not have any obligation to finalise, correct or update the contents of this Presentation, except as required by law. Certain data used in this Presentation may have been obtained from research, surveys or studies conducted by third parties, including industry or general publications. This Presentation should be read in conjunction with NMG's other periodic and continuous disclosure announcements lodged with the ASX, which are available at www.asx.com.au or at www.newmurchgold.com.au/asx-announcements.

Financial data

All dollar values are in Australian dollars (A\$ or AUD) unless otherwise stated. Amounts, totals and change percentages are calculated on whole numbers and not the rounded amounts presented.

Past Performance

Past performance metrics and figures (including past share price performance of NMG), included in this Presentation are given for illustrative purposes only and should not be relied upon as (and is not) an indication of NMG's views, or that of any other party involved in its preparation, on NMG's future financial performance or condition or prospects. Investors should note that past performance of NMG, such as in relation to the historical trading price of NMG shares, mineral resources, costs and other historical financial information cannot be relied upon as an indicator of (and provides no guidance, assurance or guarantee as to) future NMG performance. The historical information included in this Presentation is, or is based on, information that has previously been released to the market.

Forward-looking statements and forecasts

Some statements in this Presentation regarding estimates of future events are forward-looking statements. They include indications of, and guidance on, future matters. Forward-looking statements include, but are not limited to, statements preceded by words such as "planned", "expected", "projected", "estimated", "may", "scheduled", intends", "anticipateds", "believes", "potential", "could", "likely", "nominal", "conceptual", "propose", "will", "forecast", "estimate", and other similar expressions within the meaning of securities laws of applicable jurisdictions and include, but are not limited to, the anticipated future activities at the Company's projects, production targets and financial forecasts. Any forward-looking statements and forward-looking information included in this Presentation involve subjective judgment and analysis and are subject to uncertainties, risks and contingencies, many of which are outside the control of, and may be unknown to, NMG. In particular, they speak only as of the date of this Presentation, they assume the success of NMG's strategies, and they are subject to significant regulatory, business, competitive and economic uncertainties and risks. Actual future events may vary materially from the forward-looking statements and forward-looking information on which they are based. Recipients of this Presentation are cautioned to not place undue reliance on such forward-looking statements and forward-looking information.

JORC Code

It is a requirement of the ASX Listing Rules that the reporting of (amongst other things) exploration results and mineral resources in Australia comply with the Joint Ore Reserves Committee's Australiasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ("JORC Code"). Investors outside Australia should note that while mineral resource estimates of NMG in this Presentation comply with the JORC Code (such JORC Code mineral resources being "Mineral Resources"), they may not comply with the relevant guidelines in other countries and, in particular, do not comply with (i) National Instrument 43-101 (Standards of Disclosure for Mineral Projects) of the Canadian Securities Administrators; or (ii) Item 1300 of Regulation S-K, which governs disclosures of mineral reserves in registration statements filed with the US Securities Exchange Commission. Information contained in this Presentation describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting and disclosure requirements of Canadian or US securities laws. You should not assume that quantities reported as "resources" will be converted to reserves under the JORC Code or any other reporting regime or that NMG will be able to legally and economically extract them.

JORC Compliance Statement

This Presentation contains NMG's Exploration Results. The information in this Presentation that relates to NMG's Exploration Results has been extracted from NMG's previous ASX announcements, including:

ASX Announcement "Crown Prince Mineral Resource Estimate increases significantly to 240Koz at 4.1g/t Au. Including maiden Southeastern Zone of 164Koz at 5.2g/t Au" dated 2 February 2024

ASX Announcement "Positive Metallurgical Test Work Success at Crown Prince" 7 March 2024 ASX Announcement "Additional High-Grade Gold Intersection at Crown Prince" 18 March 2024

ASX Announcement "New High-Grade intersections delineated another HG Zone at Crown Prince" 14 May 2024

ASX Announcement "New Exceptionally High-Grade Intersections from Infill Drilling at Crown Prince" 29 October 2024

ASX Announcement "Mineral Resource Update for the Crown Prince Gold Deposit" 28 November 2024

ASX Announcement "Crown Prince Maiden Ore Reserve & Feasibility Study Results" 03 February 2025

Copies of these announcements are available at www.asx.com.au or www.newmurchgold.com.au/asx-announcements. The Competent Person for these announcements was Mr Costica Vieru. NMG confirms that it is not aware of any new information or data that materially affects the information included in those announcements and NMG confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from those announcements. This Presentation contains estimates of NMG's Mineral Resources. The information in this Presentation that relates to NMG's Mineral Resources has been extracted from NMG's previous ASX announcements, including: "New Murchison Gold Provides a Mineral Resource Update For The Crown Prince Gold Deposit "dated 28 November 2024. The information in this Presentation that relates to NMG's Ore Reserves has been extracted from NMG's previous ASX announcements, including: "Crown Prince Gold Deposit Maiden Open Pit Ore Reserves and Feasibility Study" dated 03 February 2025.

Copies of these announcements are available at www.asx.com.au or www.newmurchgold.com.au/asx-announcements. The Competent Person for these announcements was Mr Costica Vieru, Mr Brian Fitzpatrick and Mr Mark Chesher. NMG confirms that it is not aware of any new information or data that materially affects the information included in those announcements and, in relation to the estimates of NMG's Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in those announcements continue to apply and have not materially changed. NMG confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from those announcements.

No Liability

The information contained in this Presentation has been prepared in good faith by NMG. However, no guarantee, representation or warranty expressed or implied is or will be made by any person (including NMG, and its affiliates, directors, officers, employees, associates, advisers and agents) as to the accuracy, reliability, correctness, completeness or adequacy of any statements, estimates, options, conclusions or other information contained in this Presentation, except as required by law. To the maximum extent permitted by law, NMG, and its affiliates, directors, officers employees, associates, advisers and agents each expressly disclaims any and all liability, including, without limitation, any liability arising out of fault or negligence, for any loss arising from the use of or reliance on information contained in this Presentation including representations or warranties or in relation to the accuracy or completeness of the information, any financial information, spinions, forecasts, reports or other matters, express or implied, contained in, arising out of or derived from, or for omissions from, this Presentation including, without limitation, any financial information, any estimates or projections and any other financial information derived therefrom. Statements in this Presentation are made only as of the date of this Presentation unless otherwise stated and the information in this Presentation remains subject to change without notice. No responsibility or liability is assumed by NMG, or any of its affiliates for updating any information in this Presentation or to inform any recipient of any new or more accurate information or any errors or omissions of which NMG, or any of its affiliates or advisers may become aware, except as required by the Corporations Act.

Disclaimer

NMG nor any of its advisers, affiliates, related bodies corporate, directors, officers, partners, employees and agents, have authorised, permitted or caused the issue, submission, dispatch or provision of this Presentation and, except to the extent referred to in this Presentation, none of them makes or purports to make any statement in this Presentation and there is no statement in this Presentation which is based on any statement by any of them. To the maximum extent permitted by law, NMG and its advisers, affiliates, related bodies corporate, directors, officers, partners, employees and agents exclude and disclaim all liability, for any expenses, losses, damages or costs incurred by you and the information in this Presentation being inaccurate or incomplete in any way for any reason, whether by negligence or otherwise. To the maximum extent permitted by law, NMG and its advisers, affiliates, related bodies corporate, directors, officers, partners, employees and agents make no representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of information in this Presentation and the statements made in this Presentation remains subject to change without notice



Advanced Murchison Gold Explorer



Located in the heart of the prolific Murchison gold district

NMG's flagship Garden Gully Gold Project is located in the highly prospective Abbotts Greenstone Belt north of Meekatharra, in close proximity to numerous operating gold mines and processing facilities



Shallow high-grade Mineral Resource of 279koz at 3.9g/t Au at Crown Prince

Southeastern Zone (SEZ) transformational for the Crown Prince Mineral Resource Estimate, which sits on a granted mining lease, remains open at depth and along strike, and demonstrates excellent underground potential



Maiden Open Pit Ore Reserve of 140koz at 4.8g/t Au at Crown Prince

NMG's production plan 100% underpinned by ore reserve material, demonstrates very strong cash flow at current gold prices and requires very modest capital to be brought into production



Near resource and regional exploration upside

Below the planned open pit high-grade mineralised zones are being further delineated, and regional exploration programs across NMG's commanding 677km² tenure package are ongoing



Westgold Strategic Alliance & Ore Purchase Agreement provides a clear pathway to production

Provides NMG with a clear pathway to commercialising Crown Prince, validates the quality of the deposit and enables NMG to leverage Westgold's expertise and infrastructure to fast-track the development of Crown Prince



Building the Crown Prince value proposition with an experienced team

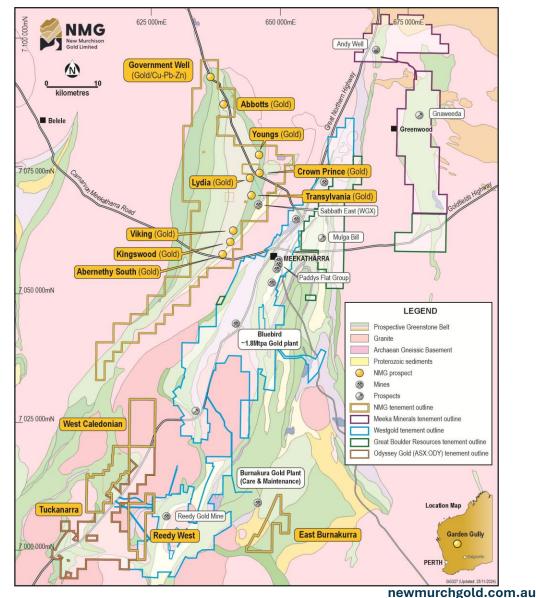
Dual track strategy of active drilling and exploration programs to test for extensions & near-resource high-grade gold mineralisation and advancing detailed technical, development and mining proposal workstreams driven by an experienced team



Regional Geology & Prospect Location

Belt scale tenure holding with multiple prospects

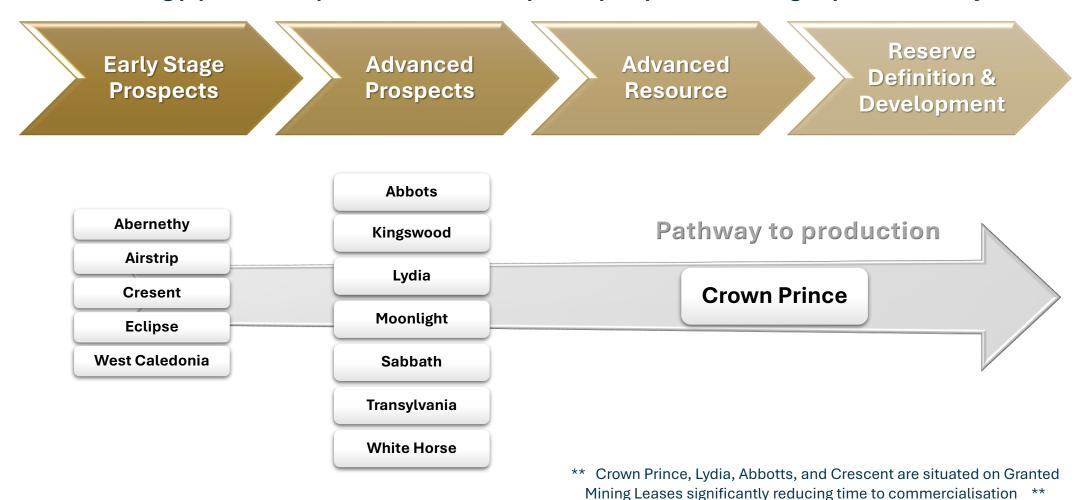
- NMG's flagship Garden Gully Gold Project is located in the highly prospective Abbotts Greenstone Belt north of well established gold centre, Meekatharra, Western Australia
 - Structurally deformed, prospective and mineralised Archean greenstone belt
 - The Abernethy shear zone is a major regional structure which runs through the eastern part of the belt
 - NMG's gold prospects located on the eastern side of the greenstone belt
- Close proximity to numerous operating gold mines and within 200km of 5 operating gold processing facilities
- Gold in the Abbots greenstone belt is more prevalent on the eastern side of the belt
 - Gold occurrences in N-S trending splays off the Abernethy shear zone
 - Crown Prince Prospect is one of several advanced projects in the belt
- NMG's substantial 677km² tenure position covers most of the important structures in the belt
- Gold mineralisation along favourable horizons and splays from the Abernethy shear zone are targeted with regional drilling and geochemistry then followed up with detailed prospect level geological interpretations
- Abbots, Lydia and Crescent are key prospects for growth in resources





Exploration and Development Pipeline

NMG has a strong pipeline of exploration and development prospects at its flagship Garden Gully Gold Project





Westgold Strategic Alliance and Ore Purchase Agreement

Provides a clear pathway to commercialising Crown Prince, validates the quality of the deposit and enables NMG to leverage Westgold's expertise and infrastructure to fast-track the development of Crown Prince

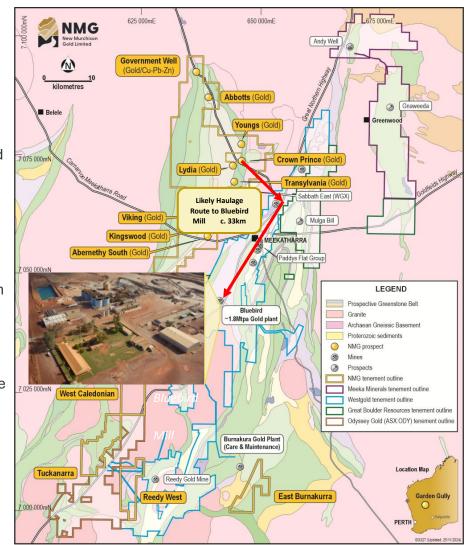
Ore Purchase Agreement (OPA) will underpin production from NMG's Crown Prince deposit near Meekatharra, Western Australia in 2025.

- NMG will commence mining from a new open pit operation at Crown Prince with a targeted commencement date of mid-2025.
- Ore will be hauled 33km by road to the Bluebird Gold Processing Plant, part of Westgold's Murchison Gold Operations at Meekatharra.
- Ore will be sold to Westgold in several parcels (Ore Parcels) totalling 30-50kt per month
 with each Ore Parcel certified for grade, moisture and recovery from sampling at the Crown
 Prince site and a recovery factor agreed for each mining bench from test work replicating
 the Bluebird Mill circuit.

The OPA has no fixed term although NMG envisages that most of Crown Prince ore is likely to be processed in an "Initial Period" which runs over the first 24 months of the agreement. Thereafter ore tonnages are to be agreed on a rolling three-month basis once production forecasts have been completed by NMG and Westgold has confirmed mill availability.

Westgold will purchase ore from NMG based on contained gold in each Ore Parcel at the prevailing AUD gold price in the month the Ore Parcel is collected (minus processing costs and a capital recovery charge). Westgold must promptly collect Ore Parcels that are available for collection.

NMG and Westgold have also entered into an ancillary agreement (Licence and Access Water Discharge Deed) which facilitates NMG's potential dewatering requirements at Crown Prince.





Corporate Overview

Capital Structure

NMG:ASX	Current
Share Price	A\$0.010
Ordinary Shares on Issue	7,726m
Options & Performance Rights	1,184m
Market Capitalisation (undiluted)	\$77.2m
Cash (end-Jan, unaudited)	\$4.0m
Debt	Nil
Enterprise Value	\$73.2m

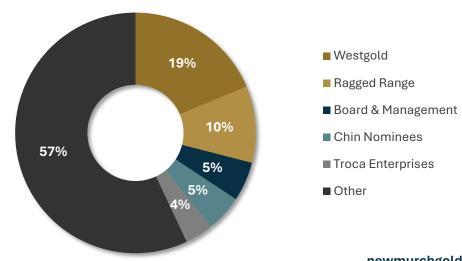
Share Price Performance



Board & Management



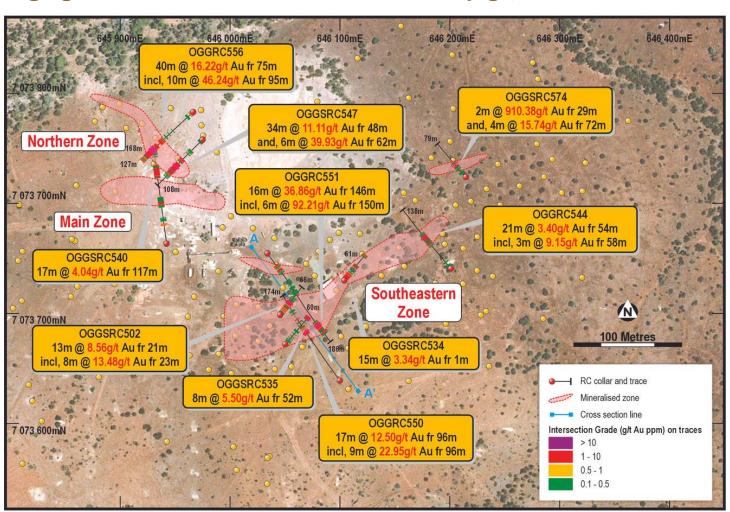
Major Shareholders





Crown Prince Prospect

High-grade mineralisation in offset dilational jogs, which have then undergone folding and shearing



Better intercepts at Crown Prince include:

- 2m at 910.38g/t Au from 29m and 4m at 15.74g/t
 Au from 72m in OGGSRC574 (Southeastern Zone)
- 40m at 16.22g/t Au from 75m incl. 10m at 46.24g/t
 Au from 95m in OGGRC556 (Main Zone)
- 17m at 12.50g/t Au from 96m incl. 9m at 22.95g/t
 Au from 96m in OGGRC550 (Southeastern Zone)
- 16m at 36.86g/t Au from 146m incl. 6m at 92.21g/t Au from 150m in OGGRC551 (Southeastern Zone)
- 21m at 3.40g/t Au from 54m incl. 3m at 9.15g/t Au from 58m in OGGRC544 (Southeastern Zone)
- 13m at 8.56g/t Au from 21m incl. 8m at 13.48g/t
 Au from 23m in OGGSRC502 (Southeastern Zone)
- 34m at 11.11g/t Au from 48m incl. 6m at 39.93g/t
 Au from 62m in OGGRC547 (Main Zone)
- 15m at 3.44g/t Au from 1m in OGGSRC534 (Southeastern Zone)
- 8m at 5.50g/t Au from 52m in OGGSRC535 (Southeastern Zone)
- 17m at 4.04g/t Au from 117m in OGGRC540 (Main Zone)

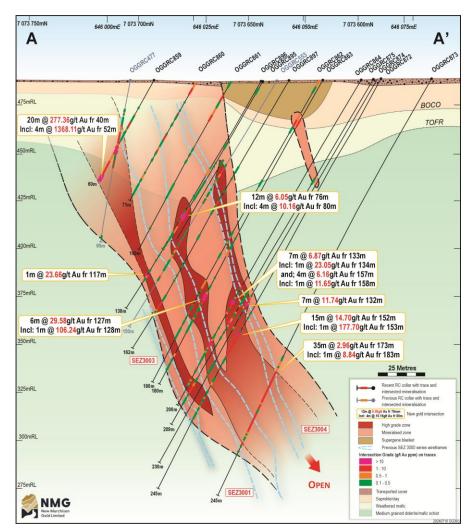
newmurchgold.com.au



Crown Prince: Southeastern Zone

High-grade Southeastern Zone; plunging fold, mineralisation concentrated in fold hinge and along eastern flank

- Southeastern Zone (SEZ) continues to return high-grade gold intercepts
 - 20m at 277g/t Au from 40m including 4m at 1,368g/t Au from 52m (OGGRC859)
 - 15m at 14.7g/t Au from 152m (OGGRC872)
 - 9m at 21.44g/t Au from 28m including 2m at 77.8g/t Au from 31m (OGGRC883)
 - 7m at 11.74g/t Au from 132m (OGGRC874)
 - 11m at 6.72g/t Au from 4m (OGGRC886)
 - 12m at 6.05g/t Au from 76m including 4m at 10.2g/t Au from 80m (OGGRC895)
 - 9m at 6.27g/ t Au from 66m including 1m at 18.6g/t Au from 66m (OGGRC888)
 - 7m at 6.87g/ t Au from 133m (OGGRC864)
- High-grade intercept in OGGRC872 at 152m is a demonstration of the deeper mineralised intersections returned from Southeastern Zone (SEZ). Gives confidence of the down dip and plunge continuity.
- Along strike OGGRC551 returned 16m at 36.86g/t Au from 146m down hole





Crown Prince: Southeastern Zone Mineralisation

Southeastern Zone mineralisation at depth – OGGRC551 well below supergene levels

- Gold mineralisation occurs within structurally controlled quartz veins that dip steeply to the south-west (at Main Zone) and south-east (at Southeastern Zone)
- Carbonate wall rock alteration indicative of high-grade zones
- Several offset lodes in the Crown Prince Prospect
- These zones are modelled to be dilational jogs which have been refolded and offset by later deformational events
- Shallow drilling for pathfinder geochemistry with structural modelling has delivered solid results



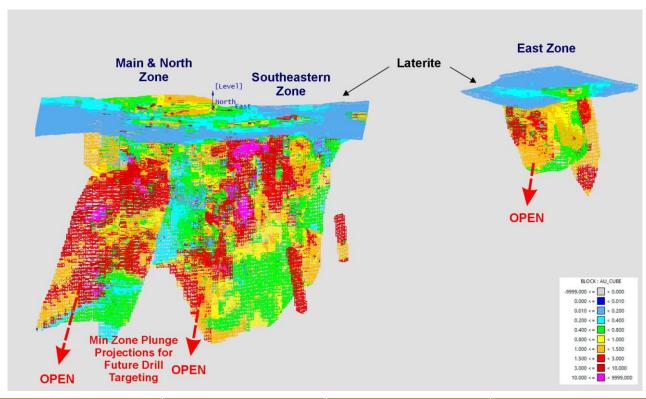


Crown Prince: Mineral Resource

Shallow, high-grade gold resource

- Indicated and Inferred Resource of 2.21Mt at 3.9g/t Au for 279koz, on a granted Mining Lease
 - Resources are shallow, representing strong open pit mining potential
 - Open along strike and down dip
 - +29km of RC and diamond drilling informs the MRE, <20% drilling more than 100m vertical depth
- 81% of ounces in the Indicated JORC category, enhancing the geological understanding of Crown Prince
- Maiden Resource at Southeastern Zone (SEZ) of 184koz at 4.6g/t Au (discovered in late 2022)
- Underground resource growth potential at Southeastern and Main Zones
- Near resource potential at new mineralised zones at north-eastern end of SEZ and Crown Prince East (350m from SEZ)

Crown Prince (JORC 2012) Mineral Resource Estimate

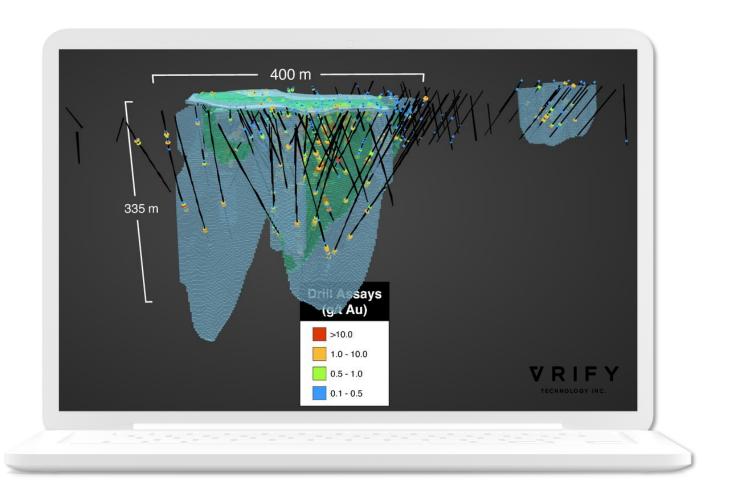


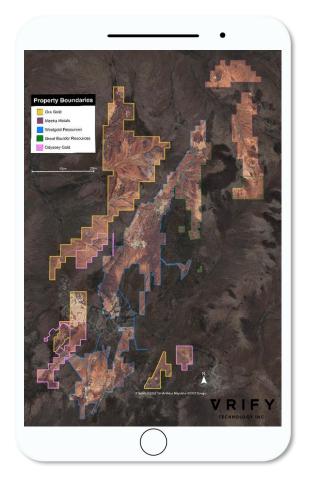
Resource	Tonnes (Mt)	Grade (g/t Au)	Contained Gold (koz Au)
Indicated	1.51	4.6	226
Inferred	0.69	2.4	53
Total	2.21	3.9	279



3D Interactive Presentation

Refer to NMG's website to see our VRIFY 3D interactive presentation



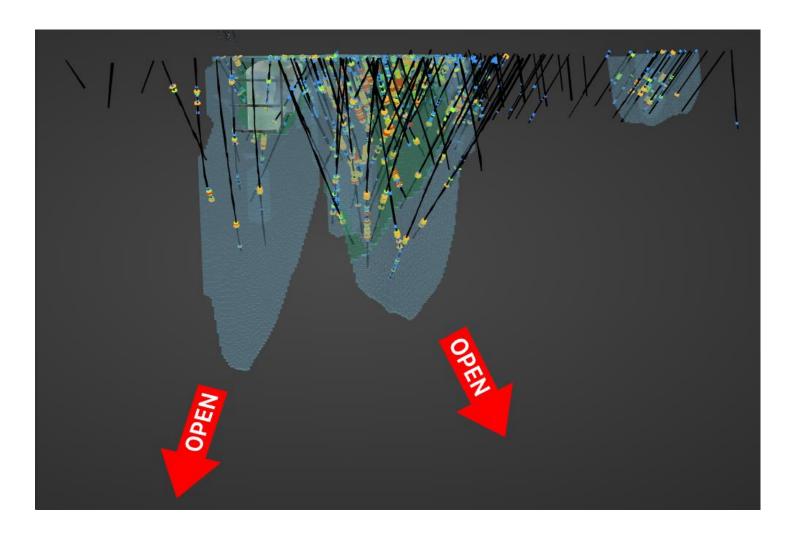




Crown Prince: Upside at Depth

Mineralisation open at depth

- Gold mineralisation occurs within structurally controlled quartz – carbonate veins
- These veins are relatively continuous along strike to the north-west and south-east (100's of metres) until they are offset by local north-south shear zones which are well understood
- Gold is associated with quartz veining and carbonate alteration in dilational jogs and in wall rock alteration zones
- Confirmed high-grade, free milling, oxide/supergene gold mineralisation to c. 80m
- Gold deposits in the Murchison goldfields can extend to 1km depth





Crown Prince: Metallurgical Testwork

Strong metallurgical performance from advanced test work

- High recovery of gold through gravity and cyanide leach test work
- High overall gold recovery rates ranging from 98.2 99.8%
- Gravity gold recoveries range from 66.6 90.5%
- Rapid leach kinetics show 90% gold recovery within 4 hours of testing through all samples
- Reduction in cyanide concentration (i.e. optimised) has a negligible impact upon recovery rates reducing operating and tailings management costs
- Strong positive reconciliation between estimated grades from drilling and gold produced from composites
- Further metallurgical and bulk testing to optimise Crown Prince through Bluebird results due shortly





Crown Prince Workstreams

Rapidly advancing project development and mining proposal workstreams at Crown Prince

Mineral Resource

Geological and Hydrogeological

Environmental and Project Permitting

Ore Reserves and Production Planning



- Sufficient for initial mine planning.
- Infill drilling completed
- Grade control drilling ongoing from February may see an uplift



- Geotechnical aspects very well understood.
- 15 DD holes drilled into planned / conceptual open pit zone
- Flood modelling complete
- Dewatering field testing complete
- Dewatering modelling ongoing



- Mining Proposal and Mine Closure Plan submitted
- MON2 Project Management Plan submitted
- WHS aspects and submanagement finalised



- Site layout designed, production schedule being finalised
- Project development timelines developed
- Projects team progressively being employed / engaged as consultants



Maiden Open Pit Ore Reserve Following Feasibility Study

Highlights

- Crown Prince Feasibility Study outlines pre-tax cash flow of \$226m (undiscounted) over a period of 30 months at current spot gold prices (A\$4,385/oz).
- Capital expenditure required to commence production of \$5.4m
- NMG is also expecting to be able to utilise its substantial tax loss position
- 140koz contained ounces of gold are to be mined and trucked to WGX over 30-month open pit.
- Upside in potential underground mine below the pit, which will be studied in 2025.
- NMG's production plan is based on Ore Reserves only.
- Commencement of mining is expected in June 2025 with first ore sales scheduled in August 2025.
- Mining and environmental approval documentation was submitted to relevant regulators and counterparties in late 2024.

Basis of Reserve

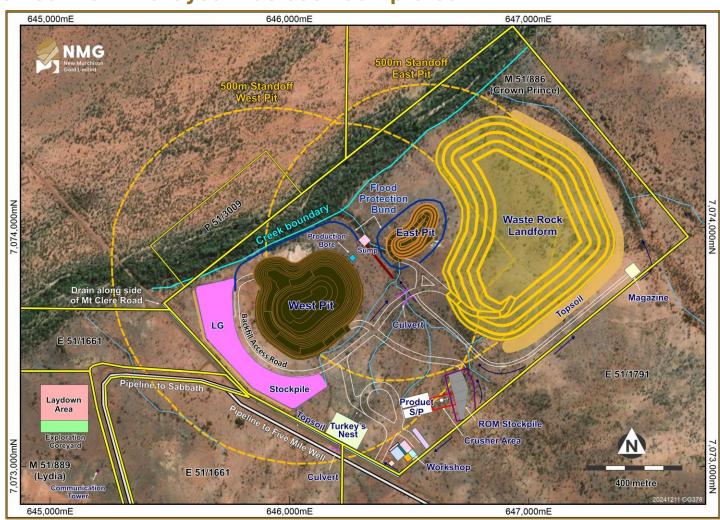
- The Crown Prince Feasibility Study (FS) was completed in January 2025 and demonstrates sound financial returns based on:
 - An updated Mineral Resource Estimate (MRE) of 2.205Mt @ 3.9g/t for 279koz
 - An Ore Reserve estimate for Crown Prince Project of 0.89 million tonnes @ 4.8g/t gold (Au) containing 140,000oz Au.
 - Crown Prince ore sold at the mine gate under an Ore Purchase Agreement (OPA) for haulage to Westgold's Bluebird Mill south of Meekatharra.
 - Production from the Crown Prince Open Pit only, which is covered by the granted mining leases.



Mine Layout

With many technical aspects now resolved the mine layout has been completed

- Key technical aspects resolved following the completion of:
 - Soils and Landform Assessment
 - Flora and Fauna Survey and Assessment
 - Waste Rock Characterisation
 - Waste Rock Landform Stability Assessment
 - Hydrological and Hydrogeological Assessment including aquifer testing
 - Geotechnical Modelling for pit wall angle design
 - Ongoing Stakeholder Consultation





Resource conversion to Ore Reserve

Orebody	Mineral Resource	Tonnes	Grade (g/t Au)	Contained Gold (Oz)
	Indicated	1,057,000	5.1	173,000
Southeastern Zone	Inferred	182,000	1.8	11,000
	Total	1,240,000	4.6	184,000
	Indicated	411,000	3.8	51,000
Main Zone	Inferred	318,000	3.1	31,000
	Total	729,000	3.5	82,000
	Indicated	44,000	1.7	2,000
Other (Laterite, East)	Inferred	192,000	1.7	11,000
	Total	237,000	1.7	13,000
	Indicated	1,513,000	4.6	226,000
Total	Inferred	693,000	2.4	53,000
	Total	2,205,000	3.9	279,000

Notes: Reported at a cut-off grade of 1.2 g/t Au. Rounding errors may occur. The Mineral Resource model was depleted using wireframes representing survey of previous UG mining. Grade Capping was applied to high grade outliers. Grades in each domain were capped based on their unique geology and grade distribution. No minimum selective mining unit parameters were applied in estimating the Mineral Resources. Bulk densities were assigned as mean values of test results by weathering type. Mineral Resources that are not Ore Reserves do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues.

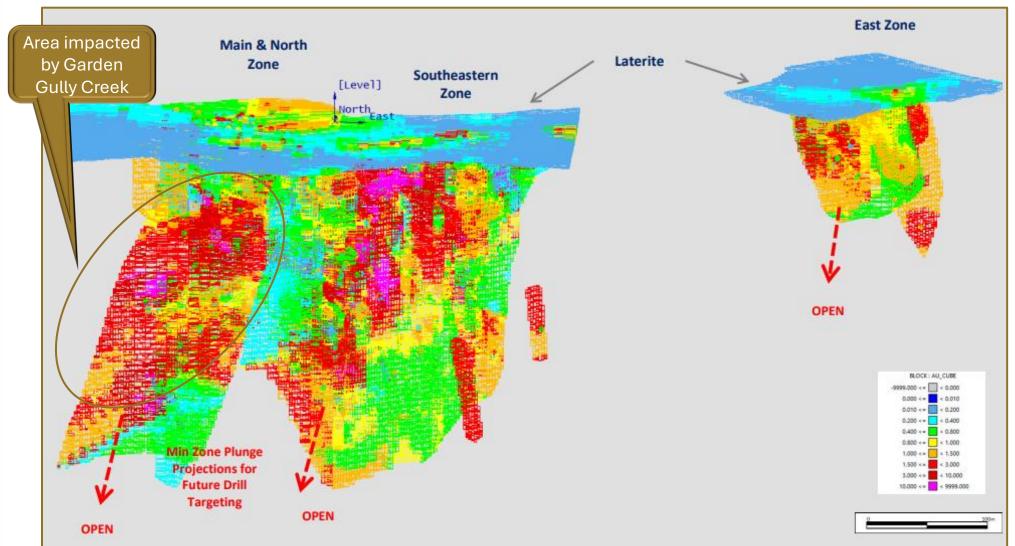
The basis of the Reserve is the November 2024 Resource, comprising 2.2Mt @ 3.9g/t Au. Of this Resource, 1.5Mt (68%) @ 4.6g/t is in the Indicated category and is eligible to form part of the 2024 Reserve

Potentially
Converted to
2024 Reserve



Resource: Block Model

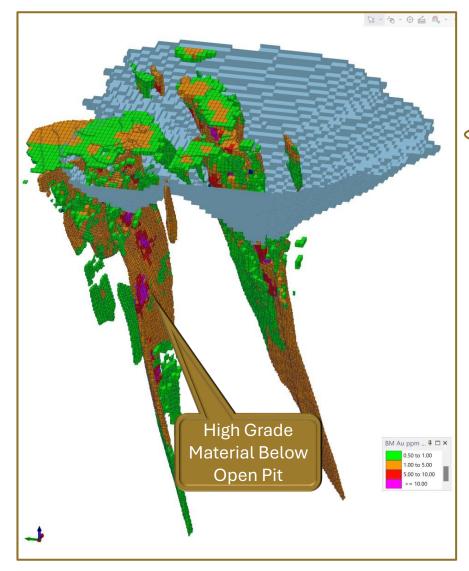
Numerous considerations that impact the Reserve. Notably, the Main & North Zones are partly sterilised by Garden Gully Creek





Unconverted Resource

Global Resource above 0.5g/t is 333koz - 195koz of gold sits outside pit design for a Reserve of 138koz. Of this, 168koz (86%) is under the Gully Creek or in three low grade zones around and below pits

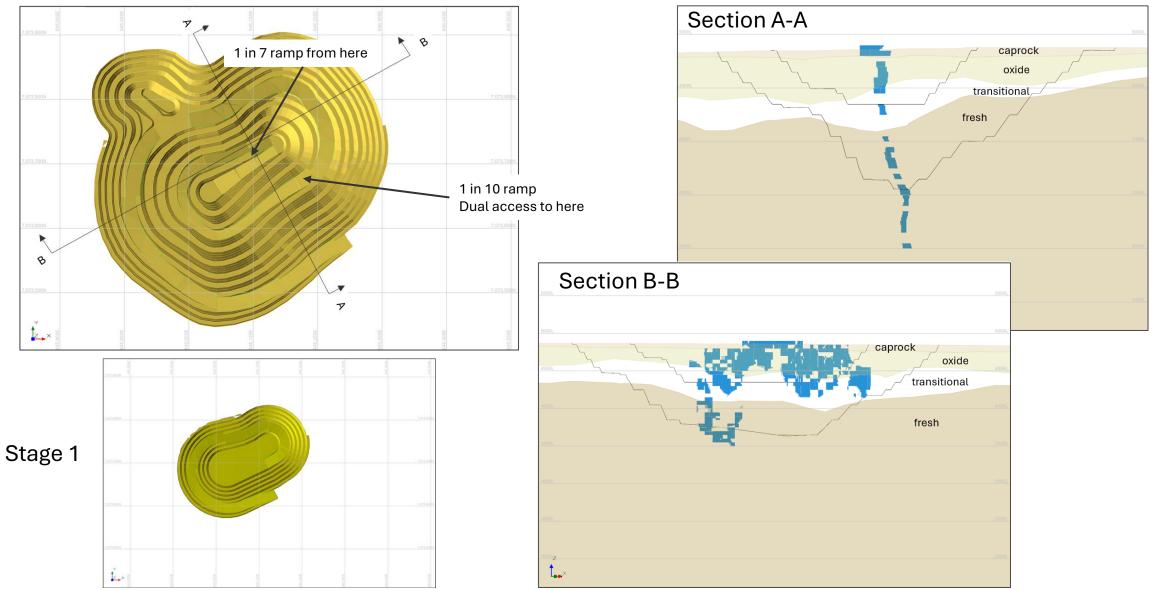


	Total (koz)	Adjust (koz)
Resource: Global (Au>1.2g/t)	279	
Resource: Global (Au>0.5g/t)	333	
SEZ: below pit		(57)
SEZ: outside pit		(7)
East Zone		(16)
Main: below pit		(54)
North: below creek / pit		(31)
Cap rock		(3)
Resource: In-Pit	165	(168)
Low grade		(5)
Ore loss		(20)
Dilution		1
Inferred		(3)
Reserve @ 0.7 g/t COG	138	(27)

To be look at in an underground mining scenario



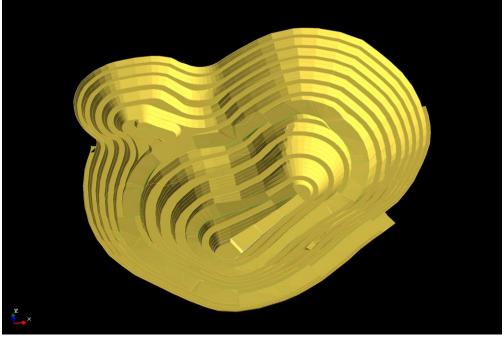
Mine Planning – Pit Design for Ore Reserve All scheduling cases are based on the same pit design

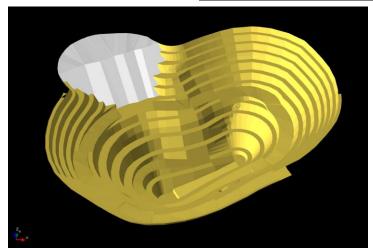


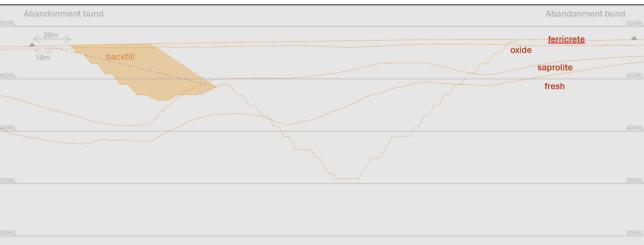


Mine Planning - Pit Design for Ore Reserve Case

3D view and Backfill requirements



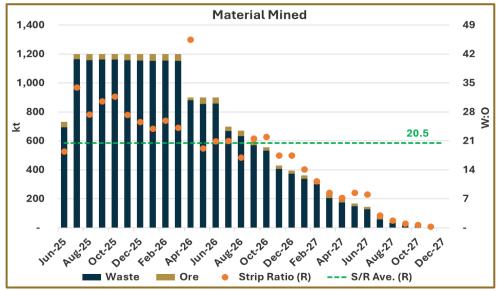


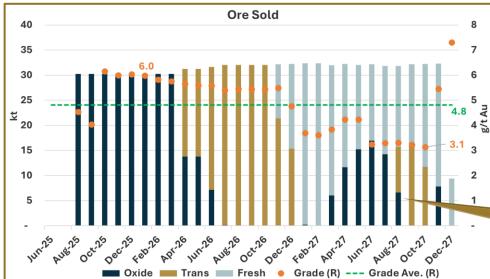




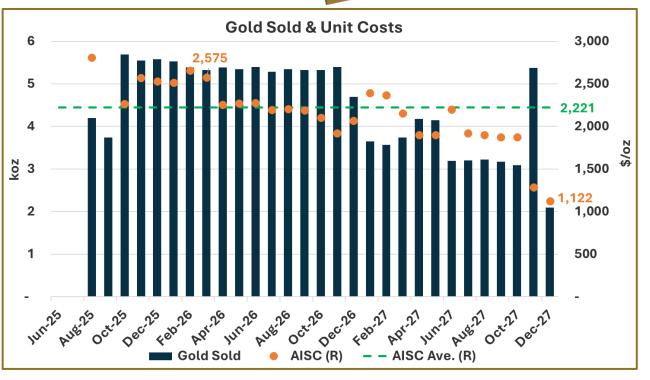
Physicals

The Reserve mine plan targets 30-32kt of ore/month Ore type is well separated in the mine plan, allowing for the efficient sale of ore to BBGO*





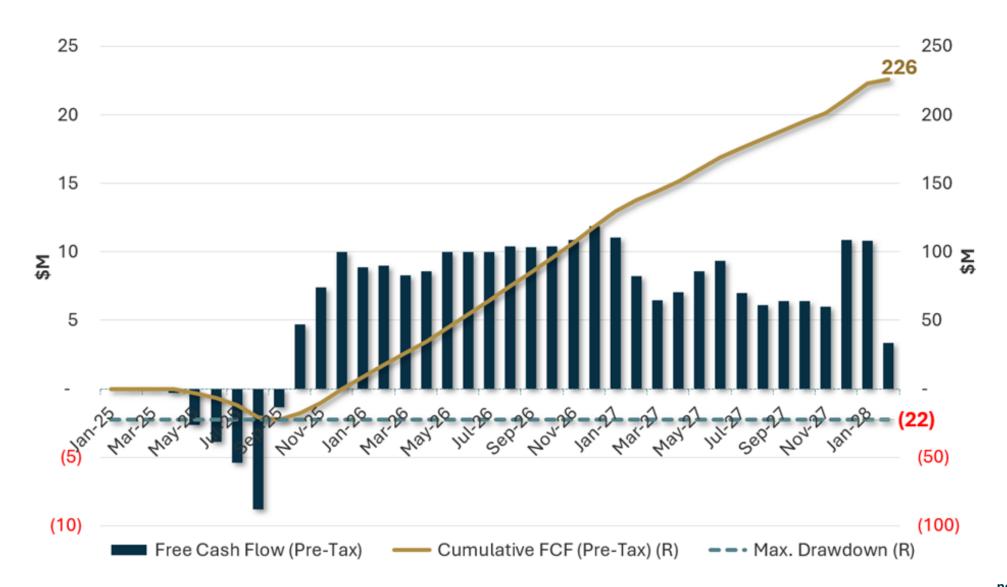
Ore (hence gold) is considered sold just after the ore is collected - the actual date the ore is processed is irrelevant to NMG



Earlier-mined low grade oxide / trans ore is stored for sale at the end of the mine life



Life of Mine Cash Flow (Pre-Tax) by Month and Cumulative





Funding and Development Outlook

Since late May 2024 NMG has been working on pre-development activities readying the Crown Prince Prospect for production with ore to be sold to Westgold's mill 33km away by road

- Westgold Bluebird mill has capacity for Crown Prince type ore. NMG's last conventional capital raising (i.e. excluding options exercise) was a \$6m placement to Westgold completed in May 2024 to commence the Strategic Alliance
- Technical teams are working together for ore delivery, derisking and scheduling
- NMG is awaiting key approvals and permits required for production and ore sales to Bluebird:
 - Mining Proposal and Mine Closure Plan
 - MON2 (Previously a Project Management Plan)
 - Works Approval / Site Licence
 - Native vegetation clearing permit
- NMG has de-risked the project ahead of production and has completed:
 - Geotechnical drilling allowing detailed final pit design
 - Hydrogeological drilling to model and plan for water management
 - Infill drilling to convert inferred resources to indicated in the open pit
 - Metallurgical sampling for optimising parcel quality delivery to Bluebird
 - Declared a maiden ore reserve and released detailed production plan

Source of Funds – January 2025	A\$m
Cash Balance	4.0
Option Exercise	5.0
Total Sources	9.0

Use of Funds – January 2025 (next 3 Months)	A\$m
Early Works – Crown Prince Mine Site	2.0
Crown Prince "extended" exploration drilling	1.0
Regional drilling and exploration	1.0
Working capital and corporate	5.0
Total Uses	9.0

Timetable – Key Dates	Date
Expected Approval of Westgold Transaction	28 Feb 2025
Options Exercise (\$5m)	March 2025
Mining & Environmental Approvals	April 2025



Operational Readiness – Early Works

Grade control drilling

- likely 2 months drilling and sampling required
- Then 4 weeks for assays, modelling and redesign
- Work to be conducted under exploration approval
- Start Mid February 2025

Bore and Pump Installation

- Commit to drill new bore 17 February 2025
- Purchase bore pumps and pipe 17 March 2025
- Install pumps and pipeline April 2025

Pipeline Construction

- Pipe manufacture 4 to 8 weeks from order
- Pipeline construction 8 weeks
- Commissioning of system 2 weeks
- Commit to pipe order 1 March 2025
- Commit to construction 1 April 2025

Sample crusher

- 3 to 6 months manufacture and delivery
- Crusher ordered
- Engineering part of the crushing contract
- Crushing can be resold if required
- Already ordered









Strategic Plan

Srown Prince

Build the project to scale Crown Prince Advance development workstreams

Progress detailed technical programs, preliminary project development and mining proposal workstreams to advance Crown Prince into production

Continue drilling along strike, test underground extensions and delineate other near resource mineralised zones to advance further resource growth at Crown Prince

Progress towards an ore purchase agreement and other strategic collaboration initiatives with Westgold, and continue to methodically evaluate organic and inorganic growth options



Garden Gully regional upside

Continue systematic regional exploration programs across NMG's commanding 677km² tenure package



Appendix A. Crown Prince MRE

Crown Prince (JORC 2012) Mineral Resource Estimate

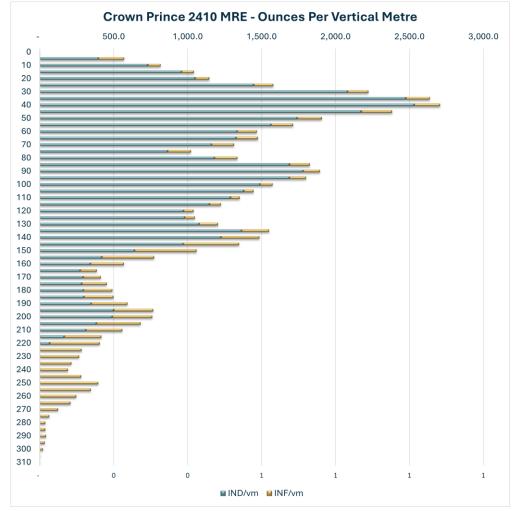
Zone	Category	Tonnes (Mt)	Grade (g/t Au)	Contained Gold (koz Au)
	Indicated	1.06	5.1	173
Southeastern Zone	Inferred	0.18	1.8	11
	Total	1.24	4.6	184
Main & Northern Zone	Indicated	0.41	3.8	51
	Inferred	0.32	3.1	31
	Total	0.73	3.5	82
Other (Laterite, East)	Indicated	0.04	1.7	2
	Inferred	0.19	1.7	11
	Total	0.24	1.7	13
Total	Indicated	1.51	4.6	226
	Inferred	0.69	2.4	53
	Total	2.21	3.9	279



The Mineral Resources are produced in accordance with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC 2012). For further details refer to NMG ASX Release dated 28 November 2024.



Note 2: Due to the effects of rounding, the total may not reflect the sum of all components. Full CP statements on slide 23.





Competent Person Statement

Exploration Results

The information contained in this Presentation that relates to Exploration Results are based upon, and fairly represent, information and supporting documentation compiled by Mr Costica Vieru, a Member of the Australian Institute of Geoscientists and a full-time employee of the Company. Mr Vieru has sufficient experience which is relevant to the style(s) of mineralisation and type(s) of deposit under consideration and to the activity which he is undertaking 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 Vieru consents to the inclusion in this Presentation of the matters based upon the information in the form and context in which it appears.

Mineral Resources

The information contained in this Presentation that relates to Mineral Resources are based upon, and fairly represent, information and supporting documentation compiled by Mr Costica Vieru and Mr Brian Fitzpatrick. Mr Vieru is a Member of the Australian Institute of Geoscientists and a full-time employee of the Company. Mr Fitzpatrick is a Principal Geologist with Cube Consulting Pty Ltd and a Member of the Australasian Institute of Mining and Metallurgy, who has undertaken check validation and geo/statistical assessment of the data, then block modelled and estimated the tonnage and grade of the mineralisation, which was assessed by Mr Vieru for appropriate cutoff grade and to confirm resource categorisation. The Competent Persons have sufficient experience which is relevant to the style(s) of mineralisation and type(s) of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". All consent to the inclusion in this Presentation of the matters based upon their input into the information in the form and context in which it appears. All material assumptions and technical parameters underpinning the mineral resources have not materially changed.

Ore Reserves

The Competent Person for the Ore Reserve estimate is Mr Mark Chesher, a mining engineer with more than 40 years' experience in the mining industry. Mr. Chesher is a Fellow of the AusIMM, a Chartered Professional, a full-time employee of Chesher Mine Consulting Pty Ltd (CMC) and has sufficient open pit mining activity experience relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the JORC Code. Mr Chesher consents to the inclusion of information relating to the Ore Reserve in the form and context in which it appears.



Alex Passmore | CEO

(08) 9289 6927

info@newmurchgold.com.au

Level 2, 5 Ord St West Perth WA 6005



