



LEADING GOLD EXPLORER

Exploration Focused - Discovery Driven

Corporate Presentation

28 October 2024

ASX: NVO / TSX: NVO / OTCQX: NSRPF

www.novoresources.com



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Nature of this document: This presentation is of a summary form only and therefore contains general background information about Novo Resources Corp (**Novo** or the **Company**) which may not be complete. It should be read in conjunction with, and full review made of, the Company's continuous disclosure documents lodged under the Company's profile on SEDAR+ at www.sedarplus.ca and on www.asx.com.au.

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The U.S. Securities and Exchange Commission (**SEC**) adopted amendments to its disclosure rules to modernize the mineral property disclosure requirements for issuers whose securities are registered with the SEC under the Securities Exchange Act of 1934, as amended. These amendments became effective February 25, 2019 (**SEC Modernization Rules**) with compliance required for the first fiscal year beginning on or after January 1, 2021. The SEC Modernization Rules replace the historical disclosure requirements for mining registrants that were included in SEC Industry Guide 7, which has been rescinded. As a result of the adoption of the SEC Modernization Rules, the SEC now recognizes estimates of "measured mineral resources", "indicated mineral resources" and "inferred mineral resources". Investors are cautioned that while the above terms are "substantially

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Technical Information: Dr. Quinton Hennigh (P.Geo.), Mrs. Karen (Kas) De Luca (MAIG), Dr. Christopher Doyle (MAIG), Mr. Iain Groves (MAIG), and Mr. Alwin Van Roij (MAIG, MAusIMM) are the qualified persons, as defined in NI 43-101, who have reviewed, approved and verified the technical content of this presentation. They have sufficient experience, which is relevant to the style of mineralisation and activities being undertaken to qualify as a Competent Person as described by the JORC Code, 2012. They consent to the inclusion in this presentation of the matters based on their information in the form and context in which it appears.

Dr. Hennigh is the Company's Non-Executive Co-Chairman and a director. Mrs. De Luca is the Company's General Manager – Exploration. Dr. Doyle is the Company's Exploration Manager – Victoria. Mr. Groves is the Company's Principal Geologist - Technical & Generative. Mr. Van Roij is the Company's Exploration Manager – Pilbara. **Disclaimer:** No representation or warranty, express or implied, is made by the Company that the material contained in this presentation will be achieved or prove to be correct. Except for statutory liability which cannot be excluded, each of the Company, its directors, officers, employees, advisers and agents expressly disclaims any responsibility for the accuracy, fairness, sufficiency or completeness of the material contained in this presentation, or any opinions or beliefs contained in this document, and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this presentation or any error or omission therefrom. The Company is under no obligation to update or keep current the information contained in this presentation or to correct any inaccuracy or omission which may become apparent, or to furnish any person with any further information. Any opinions expressed in the presentation are subject to change without notice.

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Acknowledgement of Country

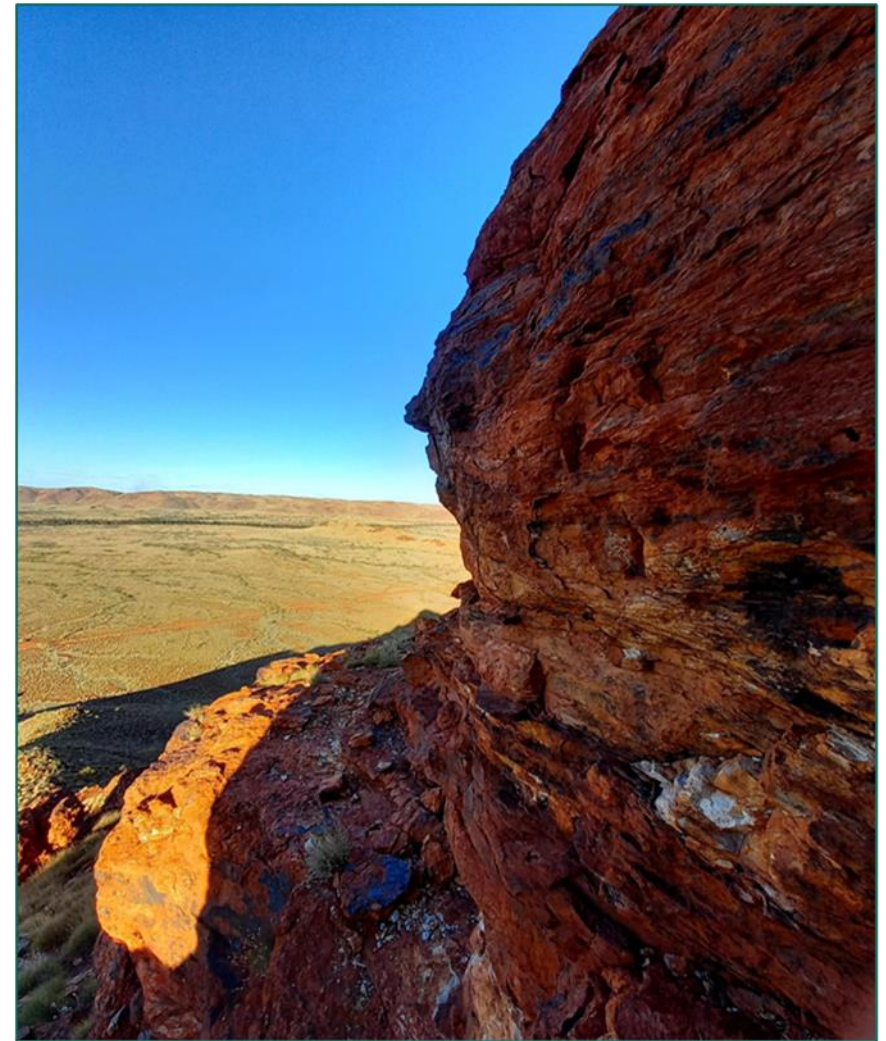


We acknowledge the Traditional Owners of the land upon which we operate; the Palyku, Nyamal, Kariyarra, Ngarluma, Yinhawangka, Yindjibarndi, Yaburara and Mardudhunera, Puutu Kunti Kurrama people, the Pinikura peoples, and the Dja Dja Wurrung people.

We recognize their unique cultural heritage, beliefs and connection to these lands, waters and communities.

We pay our respects to all members of these Indigenous communities, and to Elders past, present and emerging. We also recognize the importance of continued protection and preservation of cultural, spiritual and knowledge practices.

As we value treating all people with respect, we are committed to building successful and mutually beneficial relationships with the Traditional Owners throughout our area of operations.



Exploration Focused – Discovery Driven



- ✓ Strong balance sheet with cash of A\$6.7M (C\$6.3M) and investments of ~A\$44.6M (C\$41.6M)
- ✓ Established growth strategy focused on discovering standalone gold projects with > 1 Moz development potential
- ✓ Diverse portfolio of gold exploration and development assets across Western Australia and Victoria, led by the flagship Becher Project (Western Australia) and Belltopper Project in Victoria
- ✓ Exploration Target** range of 320 koz Au to 570 koz Au at a grade range of 6.6 g/t Au to 8.4 g/t Au established at Belltopper, highlights exciting growth potential ¹
- ✓ De Grey Mining (ASX:DEG) committed to Egina Joint Venture with spend of A\$25 million within 4 years, following early-completion of A\$7 million expenditure²
- ✓ Combined Egina Joint Venture and De Grey tenure forms a strategic land position of ~2,500 sq km, with Egina tenements considered highly prospective for significant intrusion-related gold deposits and share similar attributes to the Hemi deposit
- ✓ Dedicated and disciplined project generation program underway, with a focus on identifying assets that expand the Company's exploration portfolio in scale and quality
- ✓ Highly credentialled and experienced Board , management, and exploration team focused on delivering long-term shareholder value

Delivering on Strategy and Building Value

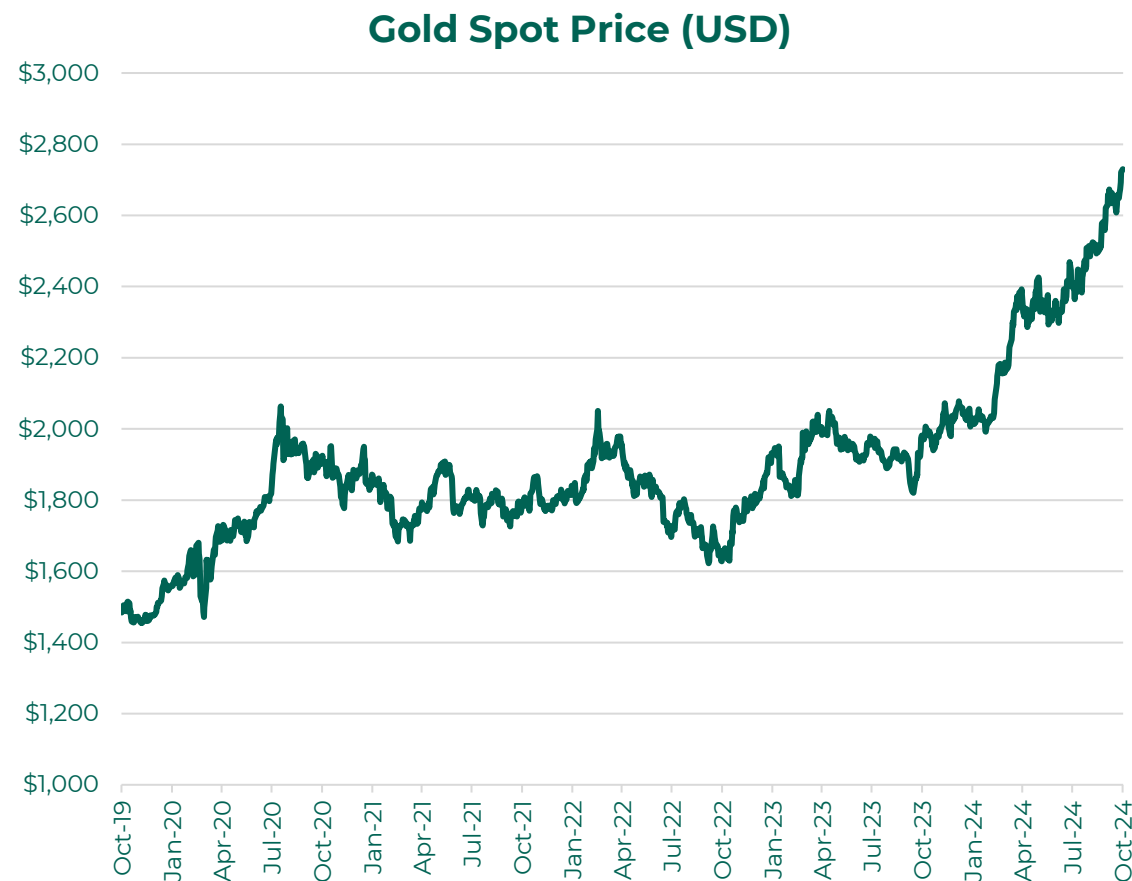


June 2023	- De Grey Mining (ASX:DEG) commits to A\$25 million Investment to earn-in 50% in Egina Joint Venture De Grey Completes A\$10 million Cornerstone Investment, becoming Novo's largest shareholder³
September 2023	ASX listing completed following oversubscribed A\$7.5 million IPO⁴
December 2023	- A\$10 million Harding Battery Metals JV with SQM⁵ Sale of Nullagine Gold Project to Calidus Resources⁶ - A\$2 million Quartz Hill Lithium JV with Liatam Mining⁷
March 2024	Nunyerry North discovery, led by 6 m @ 6.12 g/t Au from 37 m and 11 m @ 2.52 g/t Au from 22 m, including 6 m at 4.19 g/t Au from 22 m⁸
September 2024	Definition of Belltopper Exploration Target** range of 320 koz Au to 570 koz Au at a grade range of 6.6 g/t Au to 8.4 g/t Au¹
October 2024	De Grey completed A\$7 million minimum expenditure on exploration ² at the Egina Gold Project and continues with right to earn-in 50% of joint venture interest by spending an additional A\$18 million in next 3 years

Fundamentals for Gold Have Never Been Stronger



- **The price and fundamentals of gold continue to strengthen in 2024**, with spot price hitting all-time highs and currently trading ~US\$2,750
- **Since the start of 2024, the gold price has increased by ~33%**
- **During times of strong inflation and rising interest rates, gold is seen as a leading commodity investment**
- Recognised as a safe-haven investment in times of **geopolitical uncertainty**
- Australia is a **tier-one jurisdiction for early gold explorers**, known to have some of the best deposits in the world
- **Novo has an advanced gold exploration portfolio, strong balance sheet and a busy 12-month work program and through this is in excellent position to benefit from increased value and investment in the gold sector**



Diverse Portfolio Key to Shareholder Value



BALLA BALLA GOLD PROJECT

Emerging project focused on the Sholl Shear Zone

- Fertile and complex structural setting in the under-explored Sholl Shear Corridor
- Geophysical and satellite data sets delineated targets with AC drilling planned

EGINA JV

Partnering with De Grey in the Egina Gold Camp

- > 45,000 m RC/AC drilling completed at Becher by De Grey in 2024 – results expected Q4 2024
- **De Grey completed \$7M minimum spend and continues investment highlighting significant growth potential of Becher²**

KARRATHA DISTRICT

New drill targets defined

- Advancing several drill targets, including North Whundo, Railway Bore and East Well
- Maiden RC drilling program for 3,500 m planned



EAST PILBARA

Expanding exploration into the East Pilbara

- Reconnaissance programs revisit porphyry and intrusion related targets at Miralga
- Rock chip samples at Gully Washer returned peak results of **14.8 g/t Au, 10,083 g/t Ag, 3.8% Cu, 28.3% Pb and 3.6% Zn¹⁰**

NUNYERRY NORTH*

Phase 2 drilling extends high grade Main Lode zone

- Phase 2 drill program for ~4,000 m drill metres completed in July 2024
- **Standout results include 13 m @ 2.68 g/t Au, 11 m @ 2.20 g/t Au, and 17 m @ 1.85 g/t Au¹¹**

BELLTOPPER GOLD PROJECT

Targeting Fosterville 'style' mineralization

- **Exploration Target** of 320 koz to 570 koz Au generated from several prospective reefs**
- **2024 diamond drill program completed with key results including: 5.6 m @ 3.14 g/t Au (incl. 2 m @ 11.15 g/t Au), 2 m @ 15.2 g/t Au, and 4.6 m @ 2.64 g/t Au¹²**

* The Nunyerry North prospect is subject to a 70/30 Joint Venture agreement with **Rockford Metals Pty Ltd**, an entity of **Mark Gareth Creasy**.

** An Exploration Target as defined in the JORC Code (2012) is a statement or estimate of the exploration potential of a mineral deposit in a defined geological setting where the statement or estimate, quoted as a range of tonnes and a range of grade (or quality), relates to mineralisation for which there has been insufficient exploration to estimate a Mineral Resource. Accordingly, these figures are not Mineral Resource or Ore Reserve estimates as defined in the JORC Code (2012). The potential quantities and grades referred to above are conceptual in nature and there has been insufficient exploration to estimate a Mineral Resource, and it is uncertain if further exploration will result in the estimation of a Mineral Resource. These figures are based on the interpreted continuity of mineralisation and projection into unexplored ground often around historical workings. The Exploration Target has been prepared in accordance with the JORC Code (2012).

Novo Corporate Structure



Novo		Current
Shares on Issue		355M
Market Capitalisation		A\$33.7M
Cash ^a		A\$6.7M
Marketable Securities		A\$44.6M
Debt		-
Enterprise Value		A\$-M
Portfolio Valuation	Shares	Valuation
Elementum 3D (unlisted)	2M common shares	A\$20.5M
Kalamazoo Resources (ASX:KZR)	10M ordinary shares	A\$0.8M
GBM Resources (ASX:GBZ)	11.3M ordinary shares	A\$0.1M
Kali Metals (ASX:KM1)	0.6M ordinary shares	A\$0.1M
Calidus Resources (ASX:CAI) ⁴	1.4M ordinary shares	-
San Cristobal Mining Inc. (unlisted)	2M common shares	A\$23.1M
Total Portfolio Value^b		A\$44.6M

Substantial Shareholders ^c	%
De Grey Mining Ltd	10.0%
Liatam Mining Pty Ltd	6.2%
IMC (Singapore)	5.7%
Mark Creasy/Creasy Group	4.4%
Crescat Capital	3.2%
First Sentier Investors (Australia) IM Limited	2.7%
Max & Gaylene Munday	2.5%
Harmanis Holdings Pty Ltd	1.4%
Donald Smith Value Fund LP	1.0%
Quinton Hennigh	1.0%

Please note the top 10 shareholders list excludes any Non-objective beneficial owners and Objective beneficial owners of TSX shares.

Experienced Board & Management Team



Dr. Quinton Hennigh
Non-Executive Co-Chairman & Director

Denver, CO, USA



Mr. Michael Spreadborough
Executive Co-Chairman & Director

Perth, WA, Australia



Mrs. Karen O'Neill
Independent Director

Perth, WA, Australia



Mr. Greg Jones
Independent Director

Sydney, NSW, Australia



Mrs. Elza van der Walt
CFO & Corporate Secretary

Perth, WA, Australia



Mrs. Kas De Luca
GM Exploration

Perth, WA, Australia

ESG Supports Exploration Delivery



Novo is committed to delivering value to our stakeholders by operating in a responsible and sustainable manner¹³.

Our approach to sustainability is built around three key pillars, which integrate all aspects of our business:

Operating with Integrity:

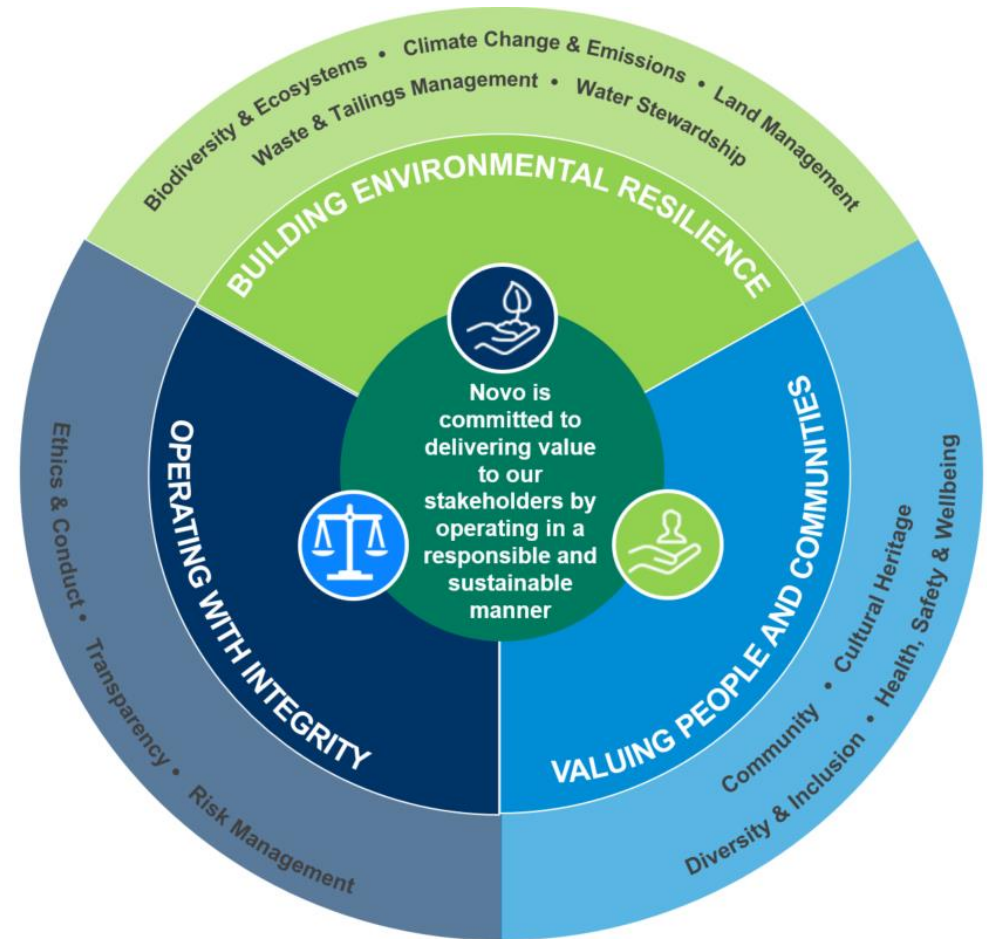
We believe strong corporate governance is essential to the success of our business. We honour our commitments, and act in an ethical and transparent manner.

Valuing our People and Communities:

We seek to create an inclusive environment, and a culture that supports the health, safety and wellbeing of our employees. We respect culture, heritage and aim to make a positive contribution to the communities in which we operate.

Building Environmental Resilience:

We recognise the importance of environmental stewardship and seek to understand and manage our impact on the environment.



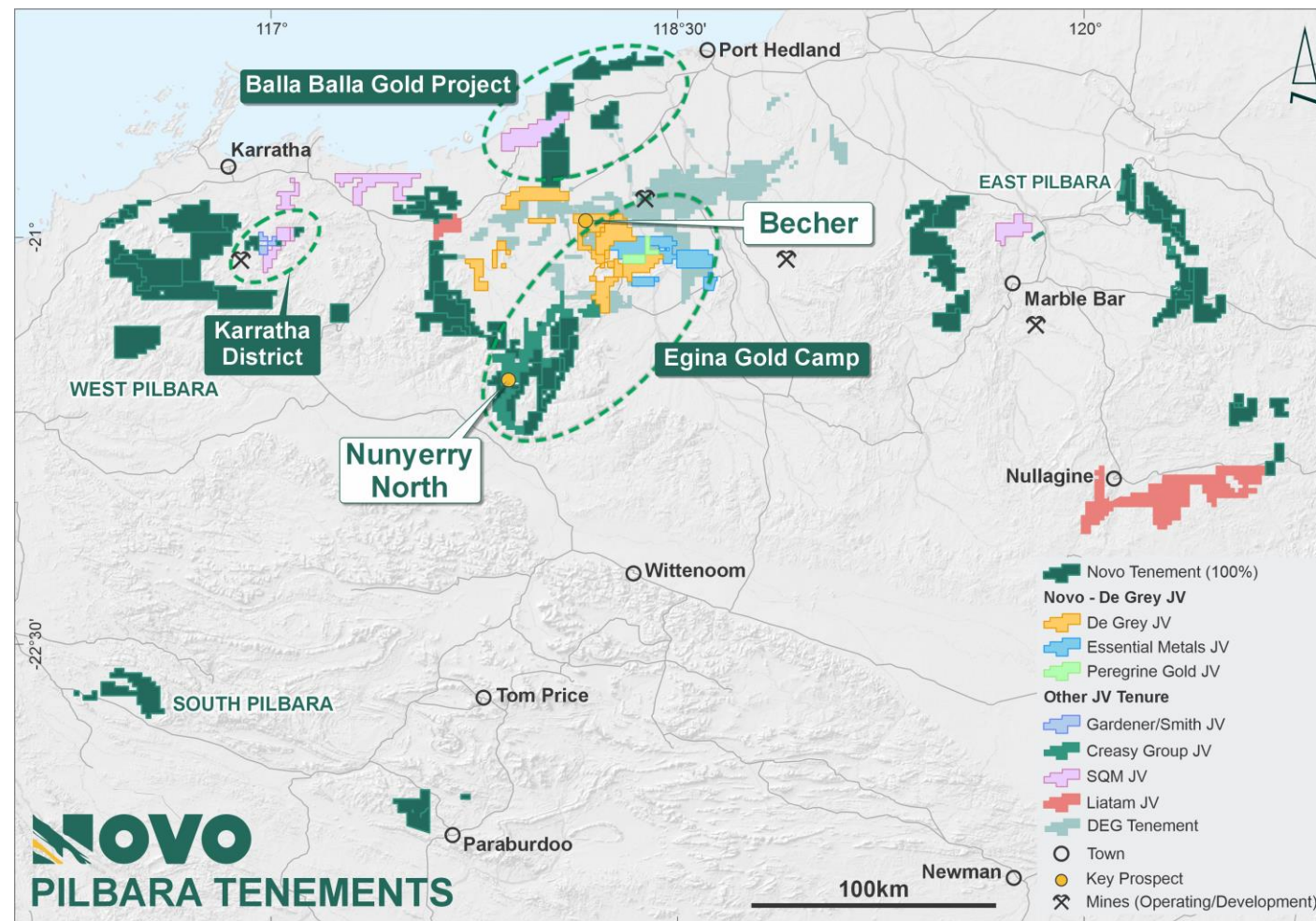
COMPELLING GOLD EXPLORATION ASSETS



Large Landholding in Pilbara Resources Province



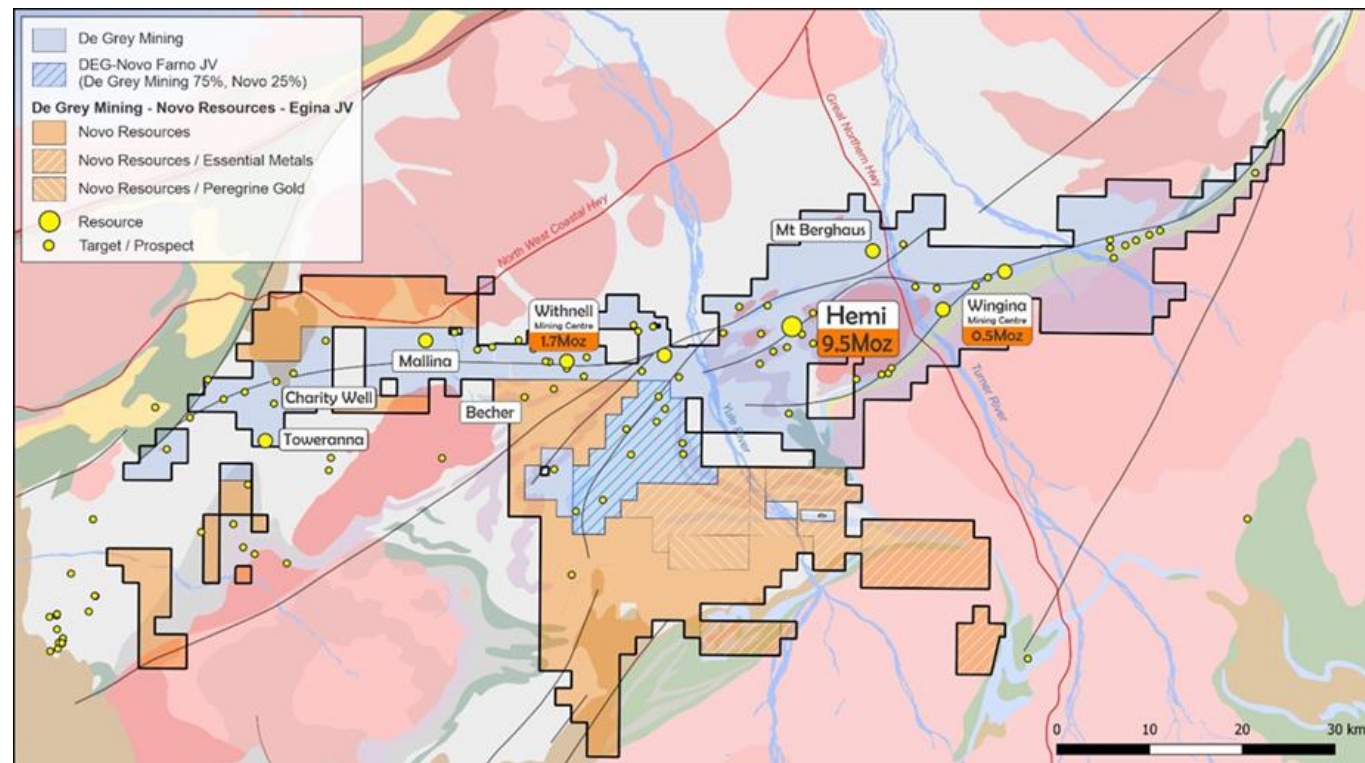
- ~5,500 sq km of highly prospective ground in the **Pilbara** provides Novo with unique and exciting gold exploration and discovery potential
- As part of the Egina JV, De Grey reaches A\$7M minimum spend by completing > 45,000 m of RC/AC drilling at **Becher**⁹, following up key results from 2023 with results expected Q4 2024
- Follow-up RC drilling completed at **Nunyerry North**¹¹ extended the high-grade Main Lode to 500 m strike/plunge and intersected high-grade gold along the Estrid Fault. Standout results included: **13 m @ 2.68 g/t Au, 11 m @ 2.20 g/t Au, and 17 m @ 1.85 g/t Au**
- At the **Balla Balla Gold Project** newly defined targets focused on a major flexure in the **Sholl Shear Zone**, ready for AC drill testing
- Drill targets delineated in the **Karratha District**
- Expanding exploration into the East Pilbara with programs focused on porphyry and intrusion related targets at **Miralga**¹⁰, where rock chip samples at the Gully Washer prospect return peak results of **14.8 g/t Au, 10,083 g/t Ag, 3.8% Cu, 28.3% Pb and 3.6% Zn**



Egina Joint Venture with De Grey Mining



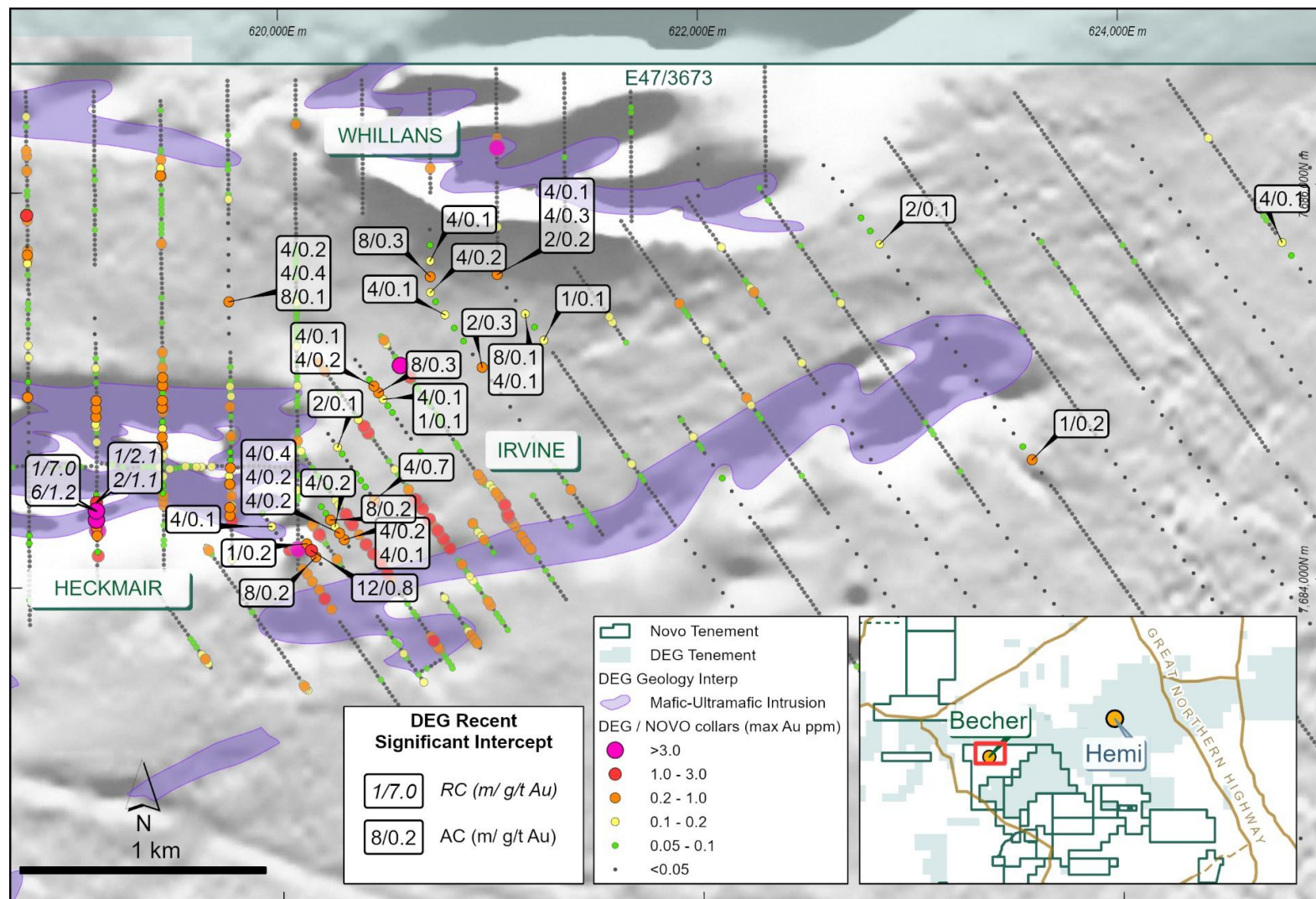
- **+A\$3.3 Billion Western Australian gold developer De Grey Mining is a cornerstone investor and exploration partner for the Becher Project** and adjacent tenements in the northern part of the Egina Gold Camp
- **De Grey completed its \$7 million minimum expenditure commitment on exploration, mostly focused on the Becher Project²**
- Next major milestone allows De Grey the right to earn a 50% joint venture interest in the Egina tenements by spending **a further \$18 million over four years**
- Upon De Grey earning a 50% interest, a Joint Venture will be formed with customary funding and dilution rights applied to both De Grey and Novo
- The Egina Gold Project tenements are highly prospective for significant intrusion-related gold deposits and share similar attributes to the nearby Hemi deposit
- The combined Egina JV area and De Grey's tenure forms a strategically significant land position in the prospective Mallina Basin covering ~ 2,500 sq km



Egina Joint Venture Exploration Update



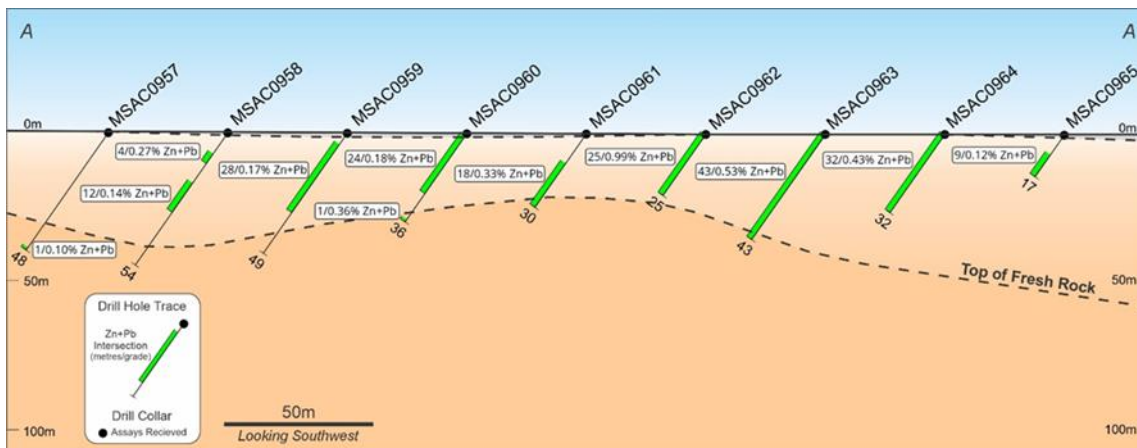
- De Grey completed 34,180 m of aircore drilling and 9,129 m of RC drilling across four main prospects in 2024, targeting prospective intrusions and regional structures
- Multiple anomalous gold intercepts reported at the Whillans prospect, associated with minor quartz veining and weak sericite alteration of metasedimentary rocks (similar to Withnell Mine)
- Multiple intercepts were returned at the southern edge of the Heckmair sanukitoid, including 6 m @ 1.2 g/t Au². All intercepts were associated with minor quartz veining and weak sericite alteration and hosted within a dioritic intrusion
- A drone magnetic survey was also completed across the northern sector of the tenure



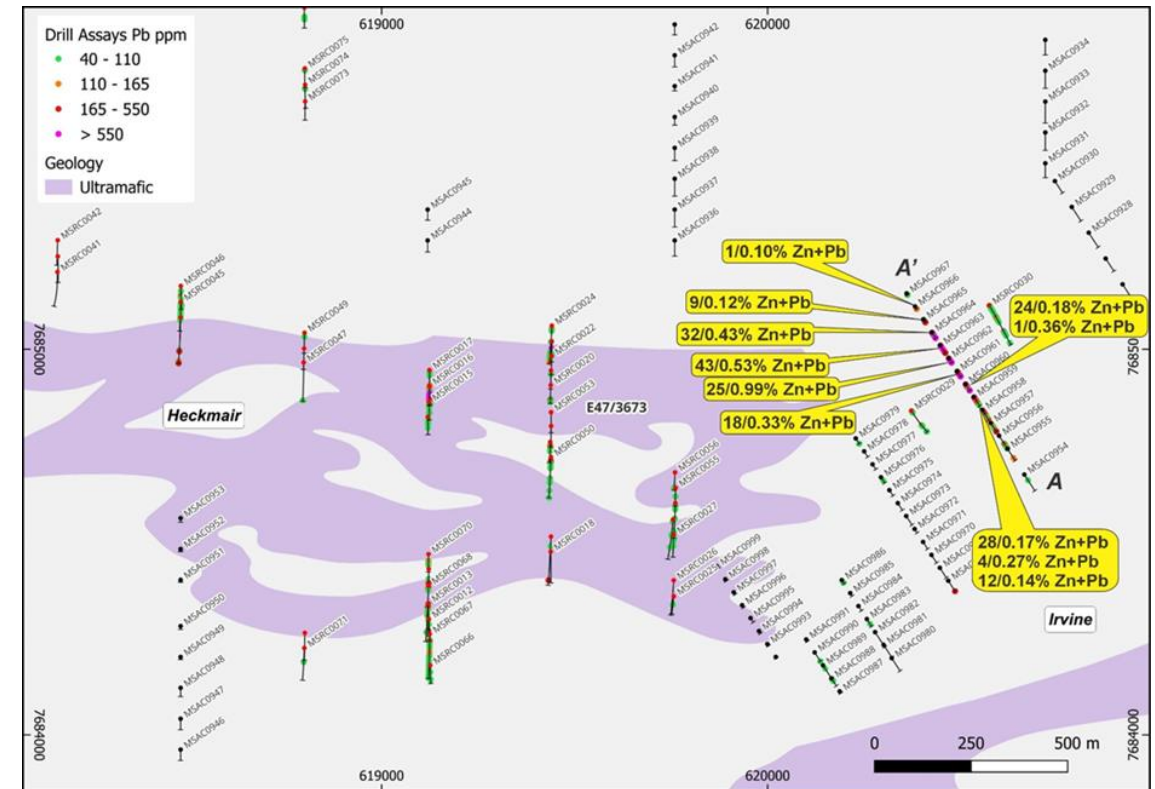
Egina Joint Venture Base Metal Results



- AC drilling at Irvine/Heckmair East identified broad zones of Zn-Pb-Ag and gold anomalism near surface
- These results are adjacent to the previously reported intercepts of within the Heckmair Fault including⁹:
 - 10 m @ 0.12 g/t Au, 29.7 g/t Ag, 0.3% Cu, 1.5% Pb and 1.8% Zn from 40 m**
 - 24 m @ 0.2 g/t Au, 13.2 g/t Ag, 0.1% Cu, 1.0% Pb and 0.1% Zn from 105 m**
- New anomalous base metal intercepts include **25 m @ 0.99 % Zn+Pb and 43 m @ 0.53% Zn+Pb**
- De Grey note that in the Mallina basin, base metal anomalies can signal enhanced gold prospectivity



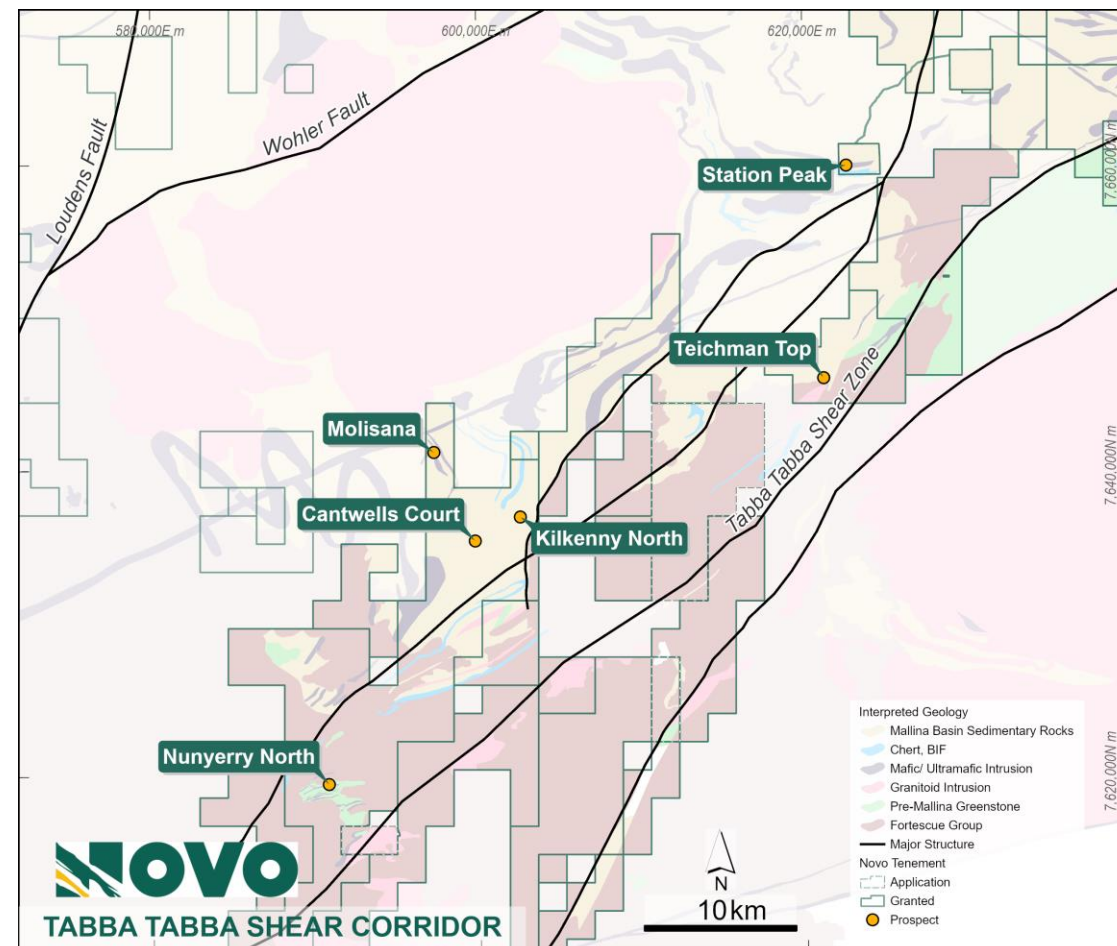
- Gold mineralisation** is hosted in quartz veining within metasediments, immediately adjacent to an intrusion
- Better gold intercepts include 12 m @ 0.83g/t Au (including 4 m @ 2.1g/t Au)



Southern Egina Gold Camp Prospectivity



- **Nunyerry North is the first of numerous priority exploration targets that have been identified along the main structural corridors within the southern part of the Egina Gold Camp**
- Exploration is progressing on conceptual gold targets along the major fault corridors, where **programs are prioritised in 2024**
- Southern portion of the Egina Gold Camp forms a contiguous group of **tenements covering ~1,000 sq km**, where the **Tabba Tabba Shear Corridor** strikes for > 60 km towards the Becher Project
- Significant parts of the corridor have shallow cover and are underexplored
- Mineralisation already defined along these fertile structures includes sediment-hosted gold and quartz vein related gold in sandstone, shale and gabbro
- Historical gold assay results from previous explorers are highly encouraging and include¹¹:
 - **8 m at 4.2 g/t Au, 8 m at 2.1 g/t Au** from costean sampling and **5 m @ 5 g/t Au from 5 m (ACN05)** in shallow percussion holes at Kilkenny
 - **25.5 g/t Au and 32.3 g/t Au** from rock samples at Teichman Top, where several historic workings are also present
- Conceptual targets focus on structural intersections of faults and shears within the Tabba Tabba Shear Corridor, particularly where folded stratigraphy and / or minor intrusions are noted

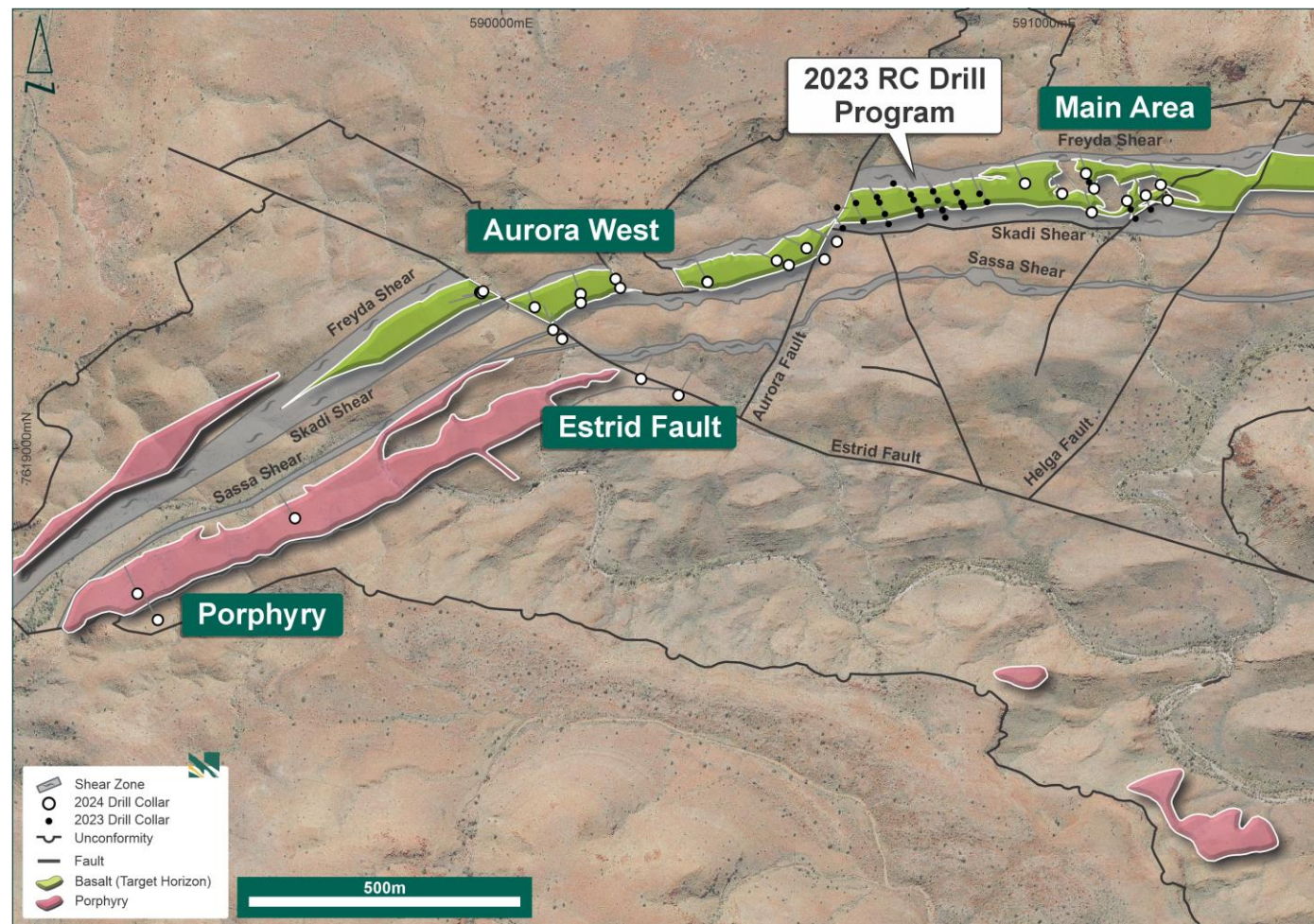


Tenure in the southern Egina Gold Camp, showing the interpreted location of Nunyerry North and other high priority orogenic gold targets

Nunyerry North – A High-Grade Gold Opportunity



- **High priority exploration target area**
- Located ~35 km from a major regional road providing good long-term logistics infrastructure
- 2023 maiden drill program of 30 RC holes for 2,424 m tested approx. 200 m strike of high priority gold targets¹³
- Key intercepts of mineralised quartz veining from PhotonAssay™ re-assays in 2023 include⁸:
 - **6 m @ 6.12 g/t Au from 37 m (NC017)**
 - **11 m @ 2.52 g/t Au from 22 m (NC014)**
- 2024 drill program of 34 RC holes for 3,942 m completed with the aim of extending known mineralisation in the Main Area and testing other more regional targets at Aurora West, along the Estrid Fault and the southern Porphyry Target
- 2024 program **extended the high-grade Main Lode to ~500 m strike/plunge** and intersected high-grade gold along the **Estrid Fault**¹¹

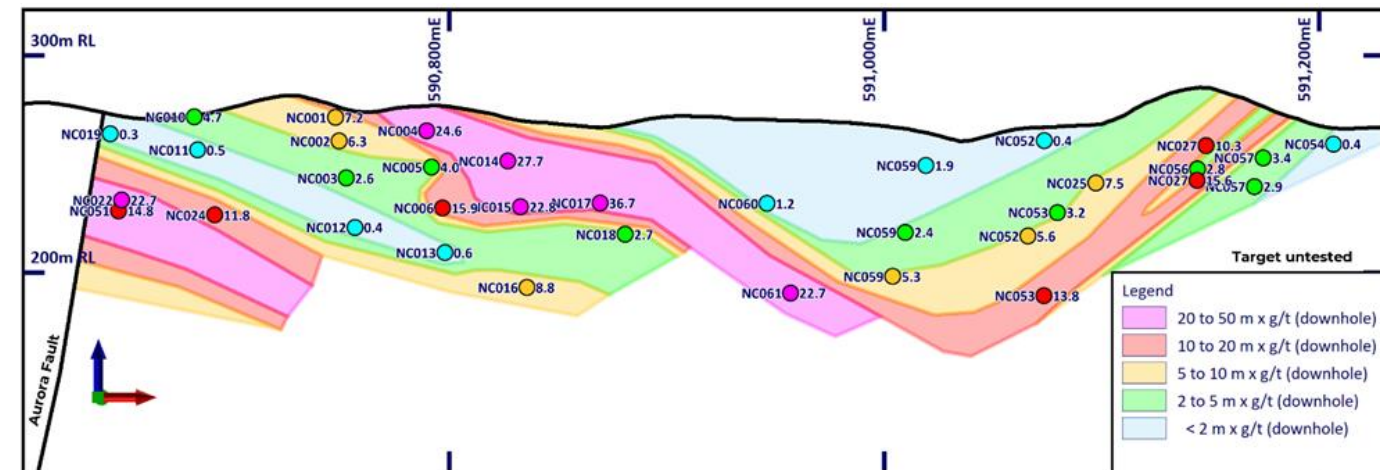
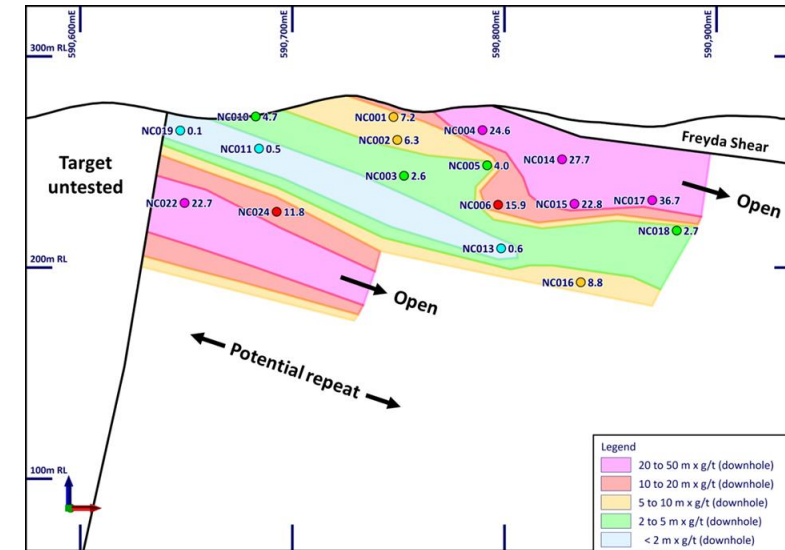


Broader Nunyerry North Project area with interpreted geology, showing 2023 and 2024 RC drill programs

Nunyerry North – RC Drilling Update



- Standout intercepts from the 2024 RC program include¹¹:
 - 13 m at 2.68 g/t Au from 66 m, including 3 m at 10.41 g/t Au from 66 m (NC046)
 - 11 m at 2.20 g/t Au from 84 m, including 1 m at 18.06 g/t Au from 86 m (NC046)
 - 17 m at 1.85 g/t Au from 25 m, including 7 m at 3.55 g/t Au from 25 m (NC063)
 - 9 m at 2.52 g/t Au from 87 m, including 2 m at 8.89 g/t Au from 92 m (NC061)
 - 2 m at 7.38 g/t Au from 42 m (NC051)
- Drilling at the Main Lode target area has extended known mineralisation by 250 m to ~ 500 m strike (see lower long section)
- High-grade gold results were returned from drilling along the Estrid Fault**
- Results from the Porphyry target includes best intercept of 7 m at 0.1 g/t Au**, coinciding with elevated pXRF assays on RC powder of up to 0.21% Cu
- No significant intercepts were returned from the Aurora West target testing potential offset to the basalt target horizon

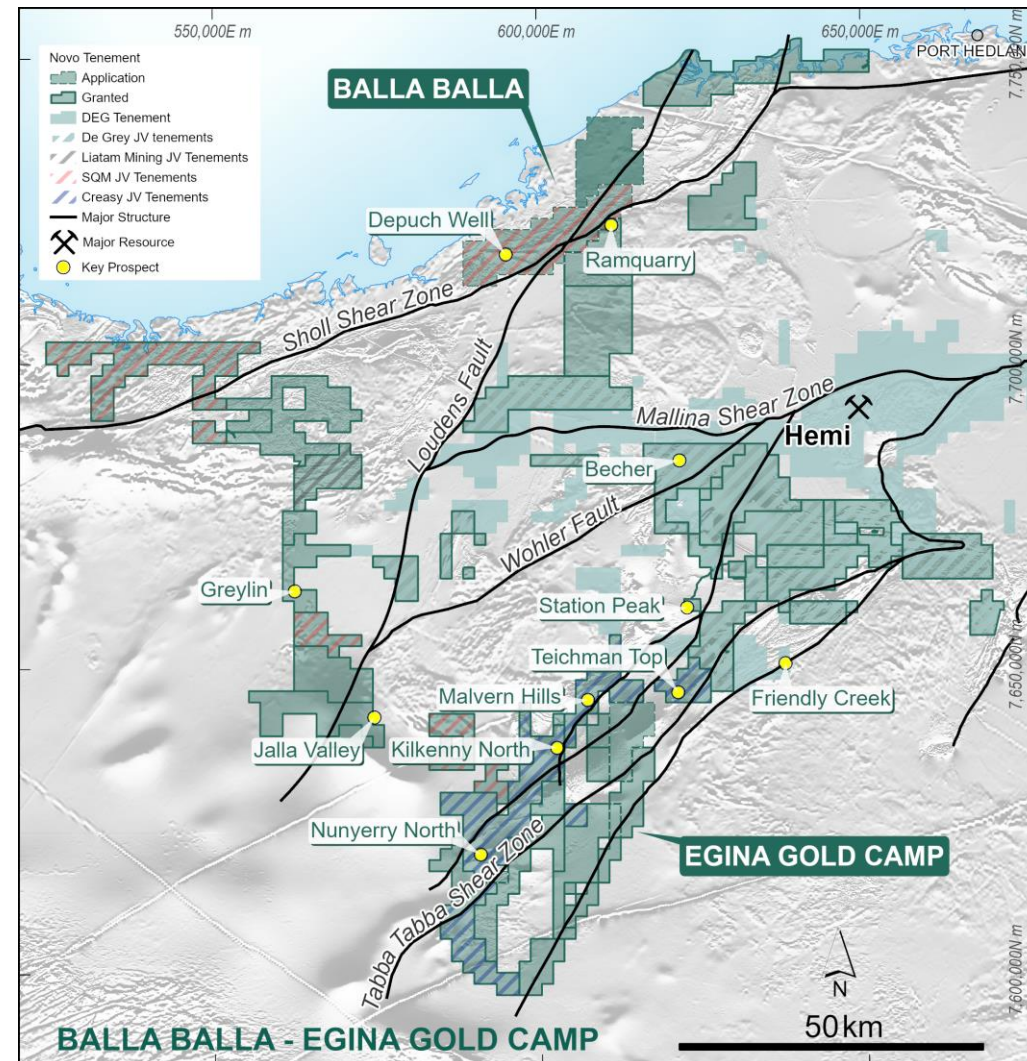


Nunyerry North long section (looking NNW) showing m x g/t Au (downhole width) – upper 2023 drill program; lower combined 2023/24 drill program.

Egina Gold Camp & Balla Balla



- Evolving understanding of prospectivity at a district scale, based on improved knowledge of structural setting, assessment of high resolution geophysical and satellite data, in-house geochemical data and historical research
- Targeting interpreted fertile structural corridors under shallow cover, centered on the Tabbata Tabbata Shear Zone and the Sholl Shear Zone
- **Both areas are deemed highly prospective for intrusion related gold mineralisation and structurally hosted gold**
- Geophysical interpretation and historical research in H1 2024 has considerably advanced understanding of prospectivity and delineated new targets for follow up in 2024
- Novo has executed a significant Determination Wide Aboriginal Heritage Protection Agreement with the Kariyarra Aboriginal Corporation, covering ~ 1,700 sq km of Novo's tenure in the Egina Gold Camp. This includes tenements under the Egina JV with De Grey and enables access to crucial land to undertake exploration activities

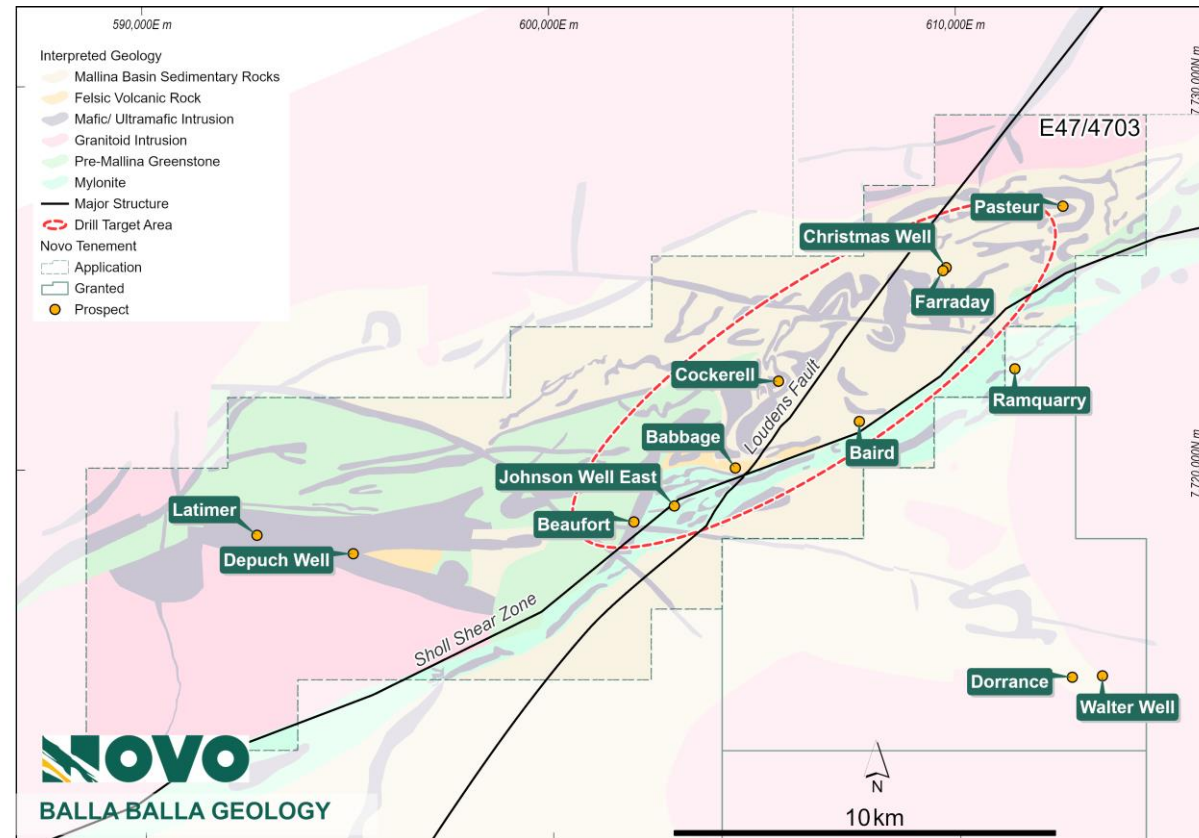


Location of the Egina Gold Camp and Balla Balla Gold Project tenure with major structural corridors over aeromagnetic imaging

Balla Balla Gold Project



- **Emerging exploration project**, targeting interpreted fertile structural corridors under shallow cover, centered on the Sholl Shear corridor and associated structures
- Novo holds ~ 60 km of strike length including a notable flexure of the Sholl Shear Zone and several important splay structures
- Over 1,200 sq km of tenements merged across a strike length of > 100 km over target area
- **Prospective for intrusion related gold mineralisation and structurally hosted gold**
- Geophysical interpretation and historical research has advanced understanding of prospectivity and delineated new targets for follow up
- **Planning for wide-spaced reconnaissance AC drilling under cover**, testing current structural and intrusion-related targets¹⁰
- Novo executed a significant Determination Wide Aboriginal Heritage Protection Agreement with the Kariyarra Aboriginal Corporation, enabling the grant of application E47/4703, critical to Novo's targeting strategy

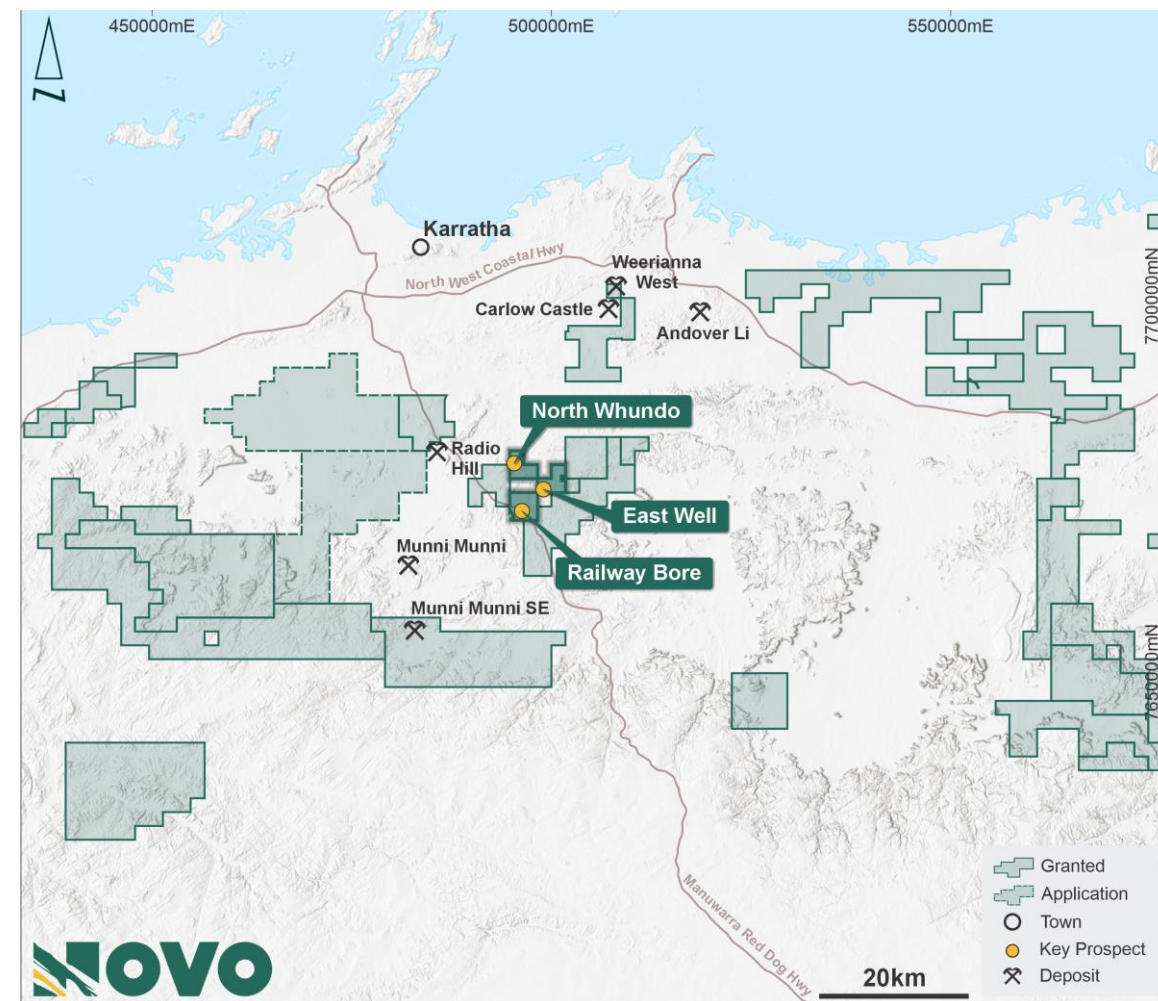


Balla Balla Project geology showing the Sholl Shear Zone corridor and complex folded stratigraphy

Karratha District – New Drill Targets Defined



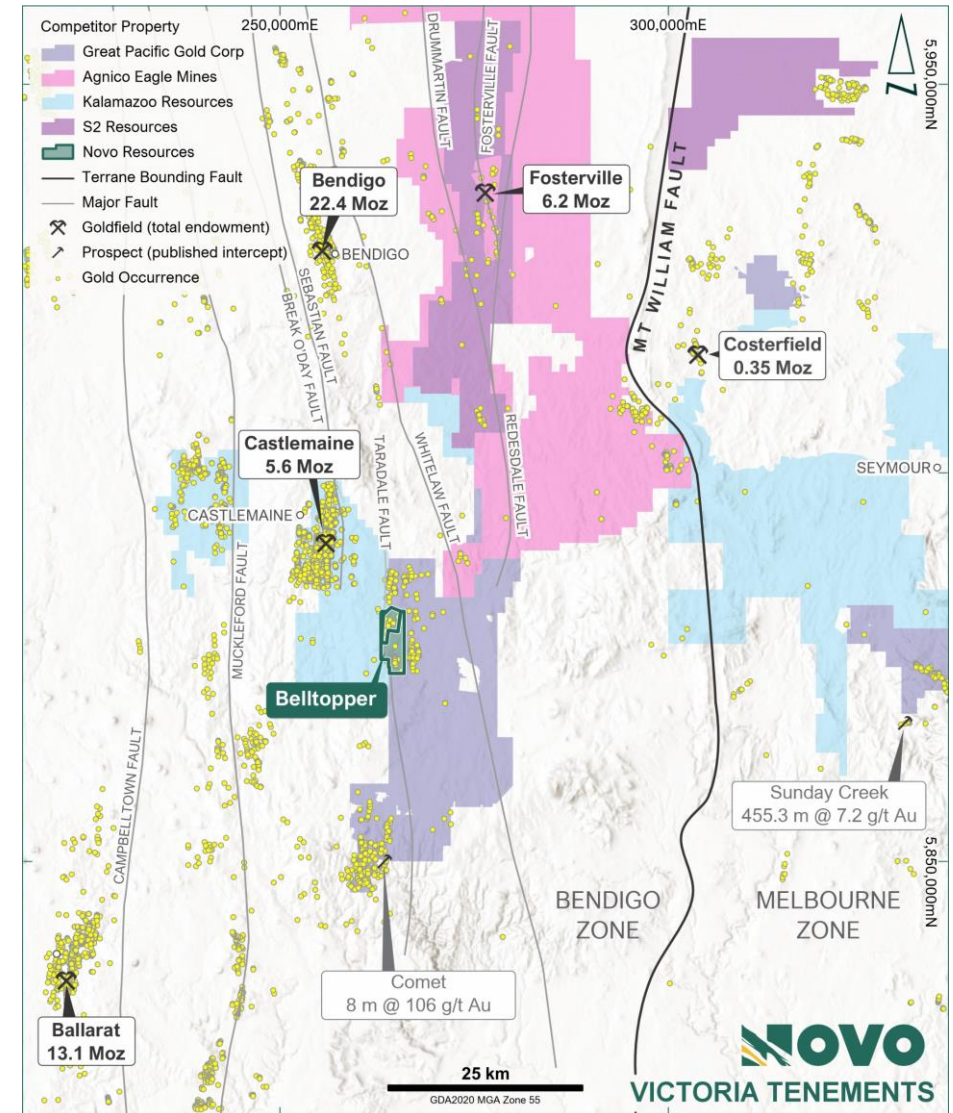
- Recent exploration in the **Karratha District** has advanced several drill targets, including North Whundo, Railway Bore and East Well¹⁵
- North Whundo** is the primary target at Karratha, defined by a significant 1.2 km long Cu-Pd-Au anomaly, with highly anomalous rock chip results, including peak values of **4.1 g/t Au+Pt+Pd and 3.9 % Cu**. Mineralisation is near the contact of a large structurally complex, layered mafic/ultramafic intrusive complex and includes disseminated and stringer style mineralization
- The **Railway Bore** Cu-Au target returned peak rock chip results of **9.6 g/t Au, 11.9% Cu and 26 g/t Ag** and is an E-W trending complex array of malachite-bearing brecciated quartz veins and sericite-silica-sulphide altered suite of porphyritic felsic intrusions
- The **East Well** Cu-Au-Pd target is a **60 m wide > 200 ppm Cu** in soil anomaly trending over a strike of 450 m. Anomalous Cu-Au (+/- Pt-Pd) mineralisation is associated with an E-W shear that defines the contact of a mafic intrusive suite and basement felsic volcanics and manifests as malachite-bearing brecciated and silica-altered gabbro with quartz-carbonate stockwork veining
- A **maiden RC drilling program for 3,500 m** is planned to test these three prospects for Au and Au-Cu (+-Pt and Pd) mineralisation



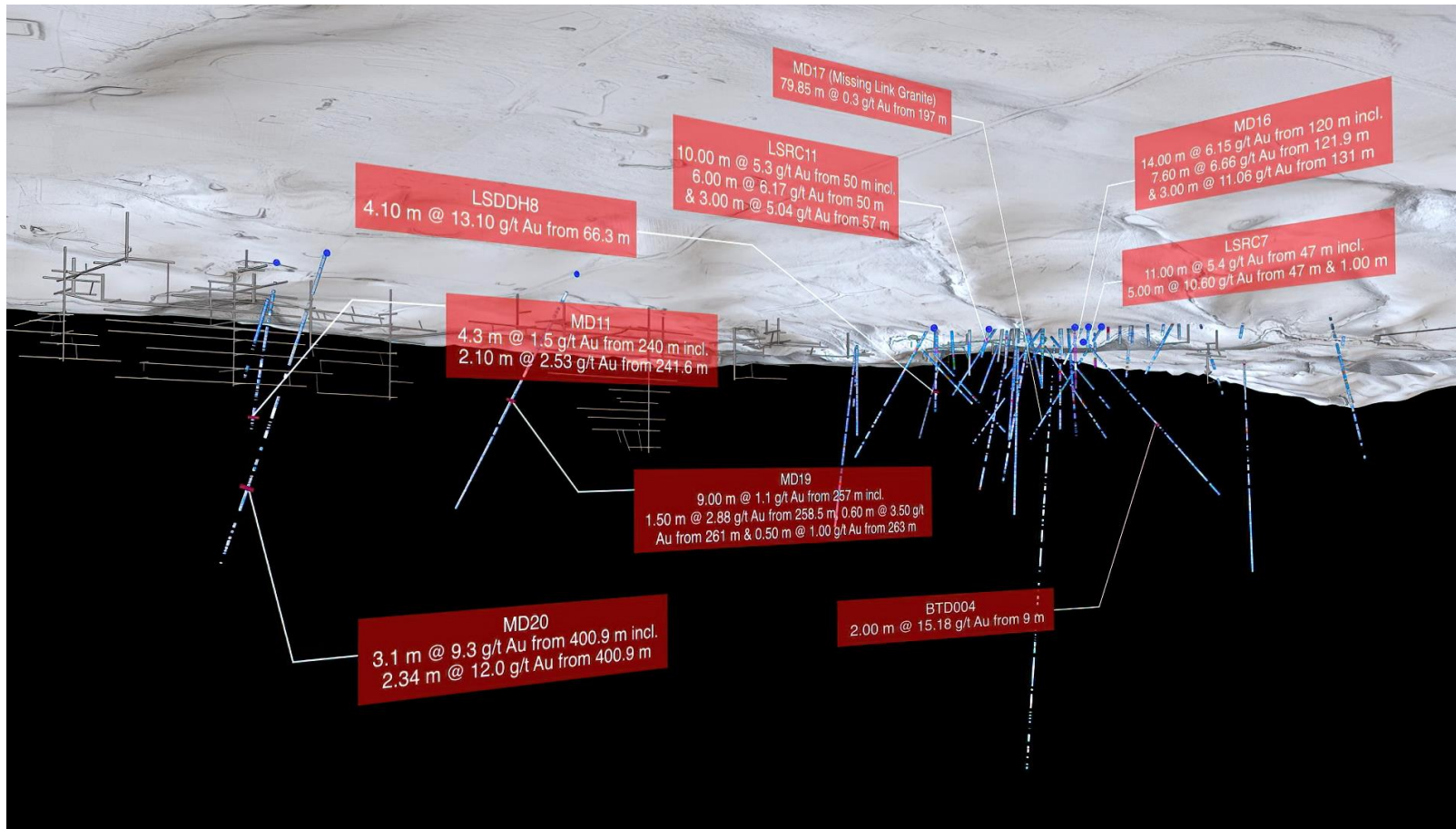
Location of the Karratha District drill targets

Belltopper Gold Project

- Project located ~50 km south of Agnico Eagle's Fosterville Gold Mine in the Bendigo Tectonic Zone, where over 60 Moz Au were produced historically
- Belltopper displays characteristics of the epizonal orogenic gold deposit class comparable to Fosterville**
- Multiple mineralisation styles and high-grade gold targets identified, within a corridor of alteration that hosts a network of gold reefs and the mineralised Belltopper Granite
- Key results from diamond drill program in Q1 2024 include¹²:
 - 5.6 m @ 3.14 g/t Au from 219.8 m and 4.25 m @ 5.88 g/t Au from 274.75 m (incl. 2 m @ 11.15 g/t Au from 277 m) in BTD001 (Leven Star Reef)**
 - 2.0 m @ 15.2 g/t Au from 9 m in BTD004 (newly discovered reef)**
- Detailed re-logging and sampling from 11 historical diamond holes in priority target areas delivered multiple new significant gold intercepts across a range of known and emerging targets. Key results include¹⁶:
 - 6.0 m @ 4.37 g/t Au from 169 m (including 5.0 m @ 5.18 g/t Au from 169 m) in DDHMA1 on the Never Despair Reef.**
 - 2.0 m @ 7.19 g/t Au from 52 m (including 1.15 m @ 12.01 g/t Au from 52 m) in MD04 on the emerging Butchers Gully Fault**
- Current focus is on growing the pipeline of conceptual high-value shallow and deeper targets



Belltopper Geological and Mineralisation Model



To view a video outlining the Belltopper Project please follow the link to the Company's website [Novo Resources](https://www.novoresources.com)¹⁷

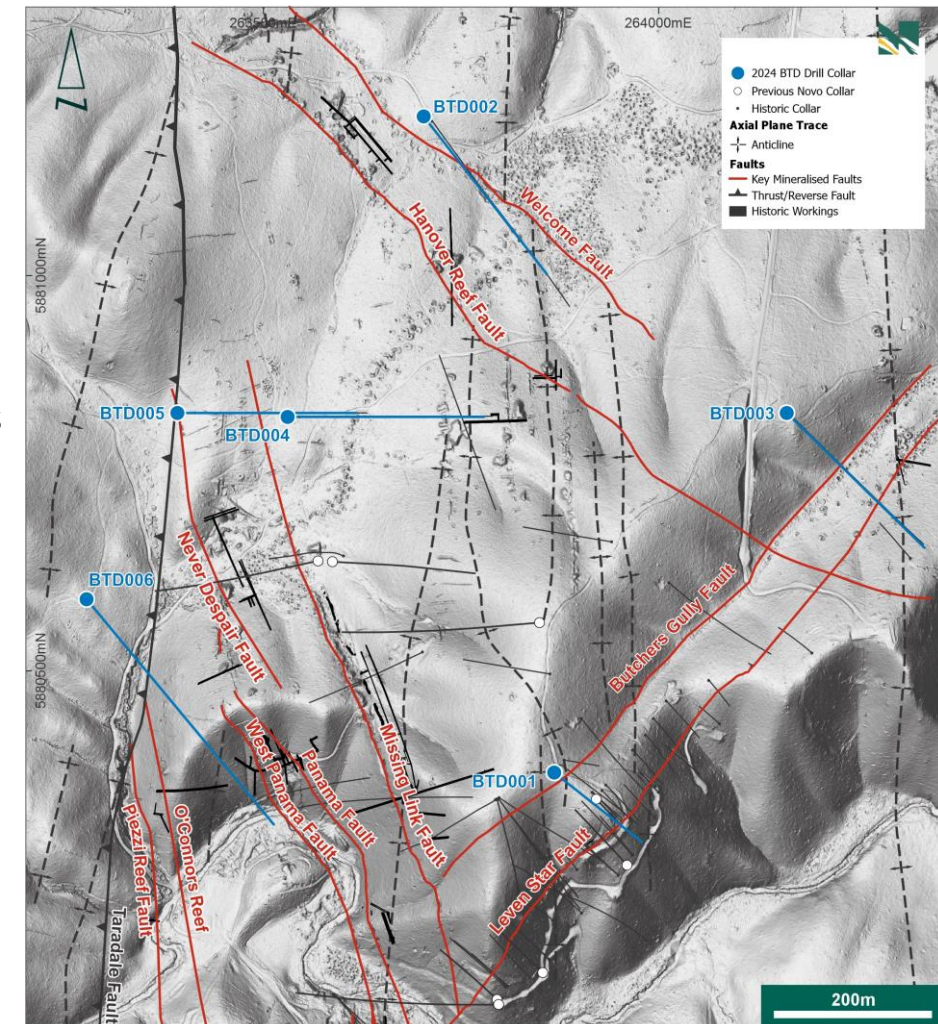
Image taken from Novo's 3D Geology and Mineralisation Model, displaying diamond drillholes, historical UG infrastructure below surface LiDARTM and summarised significant intercepts in the red callout boxes.

Belltopper Exploration Target



- The **Belltopper Exploration Target range of 320 koz to 570 koz Au¹** was defined through geological modelling of priority target reefs, following completion of 2024 drilling and the release of assay results
- The Exploration Target* is based on seven reefs considered to show high prospectivity from geological, drilling, and historical data
- The Exploration Target excluded numerous emerging prospective zones and conceptual targets based on progressive geological and geochemical understanding
- Novo's evolving geology model has delineated multiple, high priority, drill-ready targets
- A diverse range of mineralisation styles has been demonstrated by current work programs
- Potential for Intrusion Hosted/Intrusion Related mineralisation and Fosterville-style, world-class, high-grade gold to be tested through upcoming drill programs

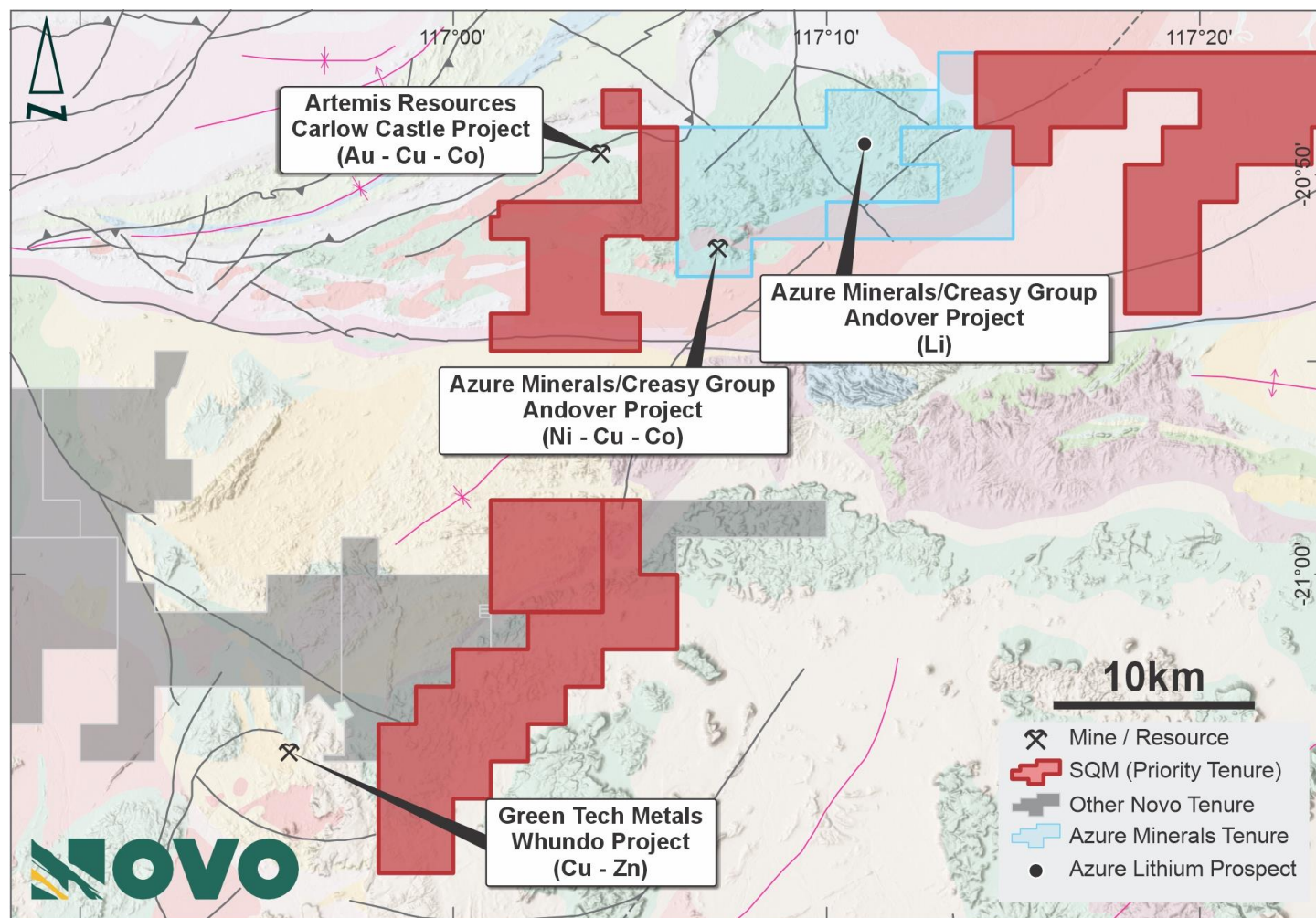
Metric	Low case (approximation)	High case (approximation)
Tonnage range	1.5 Mt	2.1 Mt
Grade range	6.6 g/t Au	8.4 g/t Au
Contained Au range	320 koz Au	570 koz Au



Battery Metals Upside Through Strategic JVs



- **Battery Metals Joint Ventures provides shareholders with exciting exposure to battery metals exploration success**
- **Key details of Harding Battery Metals JV⁴**
 - Tenements proximal to Azure Minerals (ASX: AZS) Andover Lithium and Nickel Project and Artemis Resources (ASX:ARV) Carlow Castle gold – Copper – Cobalt Project
 - **A\$10 million agreement** completed with global lithium leader SQM for 75% ownership of five battery metals tenements with 12-month option over other tenements in the Pilbara
 - Novo retains 100% of the gold, silver, PGE, copper, lead and zinc mineral rights
 - Novo is free carried for its 25% until a decision to mine



Harding Battery Metals JV Priority Tenements

Battery Metals Upside Through Strategic JVs



- **Quartz Hill Joint Venture⁶**

- JV with Liatam Mining formed, in addition to a \$1.8 million investment by Liatam, which demonstrates support for exploration growth strategy and upside
- **Novo retains a 20% interest in battery mineral rights**, 100% interest in all other rights (including gold/silver), a royalty right and is free-carried to the earlier of a Bankable Feasibility Study or A\$20 million expenditure
- **Liatam** intends to spend ~A\$6 million during 2024 to progress lithium exploration at the **Quartz Hill Joint Venture**
- Exploration to date extended known lithium mineralisation at the **Lepidolite Fields** LCT pegmatite swarm target with best results from surface sampling by Liatam of:
 - **2.71% Li₂O, and 828 ppm Cs₂O**
 - **2.37% Li₂O, 303 ppm Ta₂O₅ and 883 ppm Cs₂O**
 - **2.14% Li₂O, 615 ppm Ta₂O₅ and 1,195 ppm Cs₂O**
 - **1.98% Li₂O, 277 ppm Ta₂O₅ and 882 ppm Cs₂O**
 - **1.64% Li₂O, 651 ppm Ta₂O₅ and 2,390 ppm Cs₂O**
 - **1.24% Li₂O, 722 ppm Ta₂O₅ and 1,722 ppm Cs₂O**
- **~9,000 m RC Drilling** planned to test the ~ 6 km long and 0.8 km wide **Lepidolite Fields** LCT pegmatite swarm in H2 2024

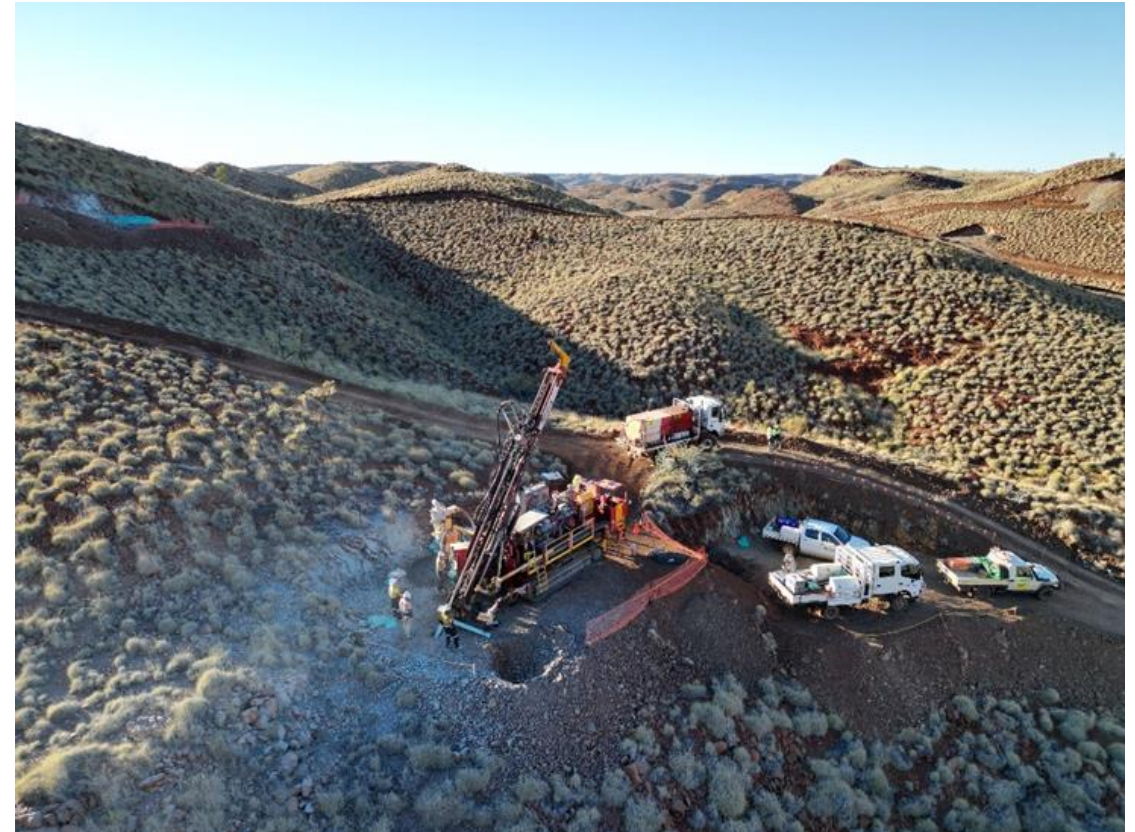
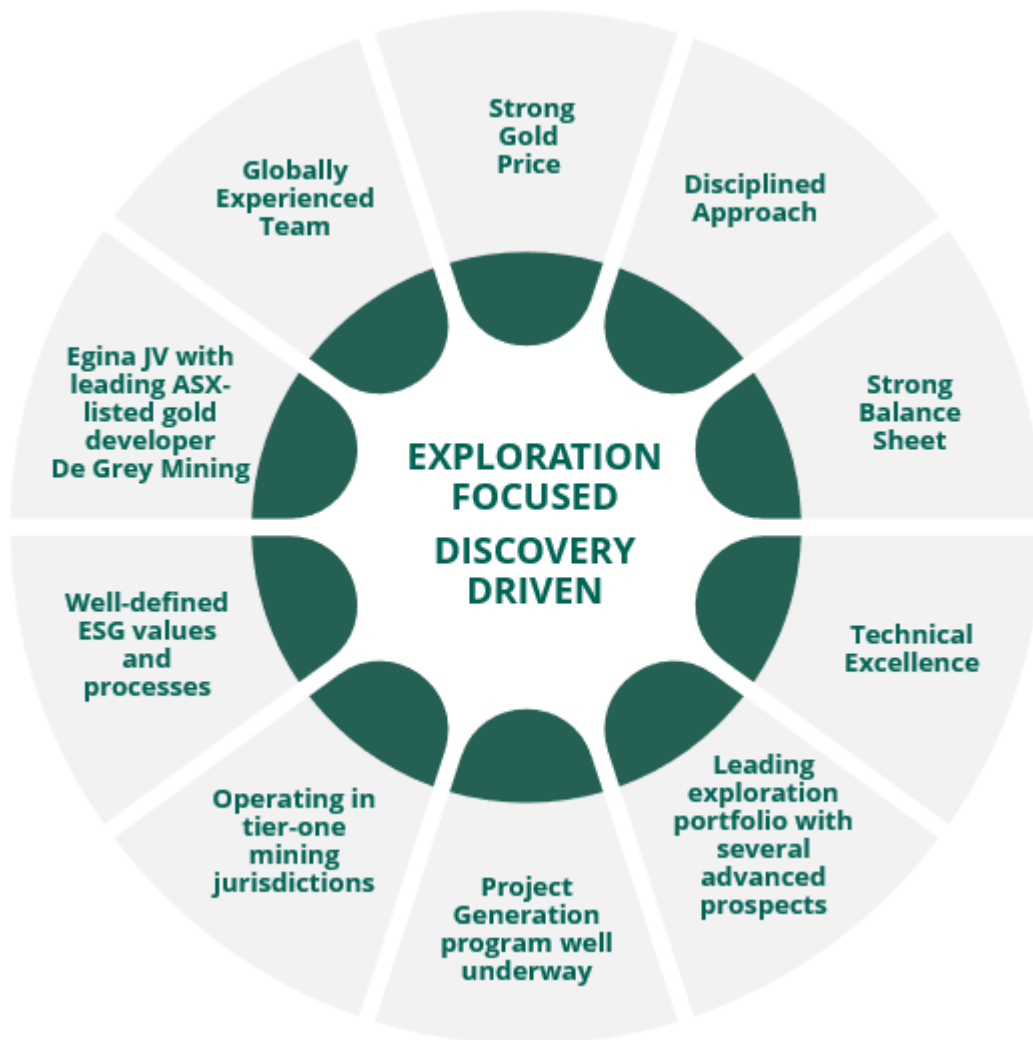
- A second LCT pegmatite swarm was identified at **Quartz Hill West** and **The Gap** with best surface results of:

- **2.45% Li₂O and 589 ppm Cs₂O**
- **2.23% Li₂O, and 1,290 ppm Cs₂O**
- **1.22% Li₂O, 181 ppm Ta₂O₅ and 780 ppm Cs₂O**



Photo of pegmatite swarms at the Lepidolite Fields LCT Target (looking southeast)

Focused on Delivering Shareholder Value



Drill rig at Nunyerry North (July 2024).

ADDITIONAL TECHNICAL INFORMATION

Investment Portfolio



Novo's balance sheet is supplemented by a A\$46.2 million (C\$42.3 million) investment portfolio of shares in ASX-listed and unlisted companies across the resources and technology sectors:

	Ticker	Number of shares held	Novo interest	Value A\$'000	Value C\$'000
ASX-listed shares*					
Kalamazoo Resources Limited	KZR	10,000,000	5.35%	\$780	\$727
GBM Resources Limited	GBZ	11,363,637	0.98%	\$102	\$95
Calidus Resources Limited	CAI	1,347,089	0.17%	-	-
Kali Metals Limited (commenced trading January 8, 2024)	KM1	566,947	0.39%	\$73	\$69
Unlisted shares**					
Elementum 3D Inc.	Unlisted (US\$)	2,076,560	9.01%	\$20,484	\$19,117
San Cristobel Mining Inc.	Unlisted (US\$)	2,000,000	3.85%	\$23,142	\$21,598

*ASX-listed shares were converted to C\$ using an exchange rate of 1.0715 : 1. Note" Calidus Resources entered voluntary administration on 1 July 2024.

**The valuation of the unlisted shares is in line with management's valuation as at 30 September 2024, converted using an exchange rate as at 30 September 2024 from US\$ to C\$ of 1 : 1.3499 and C\$ to A\$ of 1 : 1.0715 and taking into account the methodologies described in the Company's 2023 annual consolidated financial statements (2023 Annual Financial Statements).

As outlined in the 2023 Annual Financial Statements, shares held in Elementum 3D and San Cristobal Mining are initially recognised at fair value (and remeasured with reference to share prices at which funds are raised with third-party investors) or were based on independent valuations performed. For further information on Novo's investment portfolio, please refer to Novo's website.

News Releases as refer to:



1. 25 September 2024 – Belltopper mineralisation modelling defines prospectivity.
2. 10 October 2024 – De Grey reaches A\$7m minimum spend at Egina Gold project and continues investment
3. 21 June 2023 – De Grey Invests \$25M to earn 50% in Egina JV and Complete \$10M cornerstone investment.
4. 11 September 2023 – Novo Dual lists on ASX following oversubscribed A\$7.5M IPO.
5. 18 December 2023 – Strategic Joint Venture with Global Lithium Producer SQM.
6. 20 December 2023 – Sale of Nullagine Gold Project to Calidus Resources.
7. 20 December 2023 – Liatam Mining makes investment in Novo and Quartz Hill joint venture formed.
8. 27 March 2024 – Upgraded Nunyerry North drill results deliver High-Grade intercepts up to 6.12 G/T AU.
9. 25 June 2024 – Exploration Drilling at Becher Project recommences.
10. 15 August 2024 – Exploration to expand into the East Pilbara.
11. 29 August 2024 – Nunyerry North High-Grade Gold Zone extended and Egina Gold Camp exploration targets advanced.
12. 4 June 2023 – Significant Results from Diamond Drilling at Belltopper, Victoria.
13. Refer to the Company's sustainability statement - <https://novoresources.com/sustainability/>.
14. 12 September 2023 – Maiden Drill program commences at Nunyerry North.
15. 1 May 2024 – Follow-up Drilling to commence at Nunyerry North and New Targets defined near Karratha.
16. 21 August 2024 – Significant results from historical drill hole infill assay program at Belltopper.
17. 26 September 2024 – Belltopper Gold Project Video

Cautionary Statement

De Grey Mining (ASX : DEG) Information



De Grey has reported that, at the Mallina Gold Project, its (i) Mount Berghaus deposit is comprised of Indicated Mineral Resources of 1 Mt @ 1.7 g/t Au for 53 koz Au and Inferred Mineral Resources of 3.4 Mt @ 1.2 g/t Au for 128 koz Au, (ii) Wingina Well deposit is comprised of Measured Mineral Resources of 3.1 Mt @ 1.7 g/t Au for 173 koz Au, Indicated Mineral Resources of 1 Mt @ 1.4 g/t Au for 43 koz Au, and Inferred Mineral Resources of 1.4 Mt @ 1.6 g/t Au for 72 koz Au, (iii) Toweranna open pit deposit is comprised of Indicated Mineral Resources of 8.3 Mt @ 1.6 g/t Au for 418 koz Au and Inferred Mineral Resources of 2.5 Mt @ 1.5 g/t Au for 120 koz Au, (iv) Toweranna underground deposit is comprised of Indicated Mineral Resources of 0.1 Mt @ 3.0 g/t Au for 11 koz Au and Inferred Mineral Resources of 0.5 Mt @ 2.9 g/t Au for 49 koz Au, (v) Mallina deposit is comprised of Indicated Mineral Resources of 1.6 Mt @ 1.2 g/t Au for 64 koz Au and Inferred Mineral Resources of 5.1 Mt @ 1.5 g/t Au for 243 koz Au, (vi) Withnell open pit deposit is comprised of Measured Mineral Resources of 1.3 Mt @ 1.5 g/t Au for 62 koz Au, Indicated Mineral Resources of 3 Mt @ 1.8 g/t Au for 178 koz Au, and Inferred Mineral Resources of 0.7 Mt @ 2.0 g/t Au for 43 koz Au, (vii) Withnell underground deposit is comprised of Indicated Mineral Resources of 0.1 Mt @ 4.3 g/t Au for 16 koz Au and Inferred Mineral Resources of 2.4 Mt @ 3.9 g/t Au for 301 koz Au, and (viii) Hemi deposit is comprised of Indicated Mineral Resources of 165.7 Mt @ 1.3 g/t Au for 6,876 koz Au and Inferred Mineral Resources of 70.2 Mt @ 1.2 g/t Au for 2,632 koz Au, as those categories are defined in the JORC Code (as defined in NI 43-101).

Refer to De Grey's public disclosure record in announcement dated 21 November 2023 for further details.

No assurance can be given that a similar or any mineral resource estimate will be determined at Novo's Becher Project.



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