



DISCOVER

GROW

DEVELOP

Tim Davidson | Managing Director

AGM Presentation

28 November 2023

ASX:MEK

meekametals.com.au



IMPORTANT INFORMATION



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Competent Person's Statement

The information that relates to Exploration Results as those terms are defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves', is based on information reviewed by Mr James Lawrence, a Competent Person who is a member of the Australasian Institute of Mining and Metallurgy. Mr Lawrence is a full-time employee of the Company. Mr Lawrence has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Lawrence consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Mineral Resources

The information that relates to the Mineral Resource for St Anne's was first reported by the Company in its announcement on 3 May 2023 titled "Initial High-Grade Oxide Mineral Resource at St Anne's". The information that relates to the Mineral Resource for Turnberry was first reported by the Company in its announcement on 3 January 2023 titled "Turnberry Independent Mineral Resource Grows to 685koz Gold". The information that relates to the Mineral Resource for Andy Well was first reported by the Company in its announcement on 21 December 2020 titled "Latitude Acquires High-Grade Andy Well Gold Project". The Company is not aware of any new information or data that materially affects the information included in these announcements and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcement.

The information that relates to the Mineral Resource for Circle Valley was first reported by the Company in its announcement on 14 June 2023 titled "High-Grade Rare Earth MRE at Circle Valley". The Company is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimate continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcement.

Ore Reserves

The information that relates to Murchison Gold Project Ore Reserves was first reported by the Company in its announcement on 12 July 2023 titled "Murchison Gold Project Feasibility Study". The Company is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcement.

Currency

All amounts are in Australian dollars unless stated otherwise.

A High-Grade Gold Project

Growing the Murchison Gold Project while advancing to 'Production Ready'.



Located in the tier 1 mining jurisdiction of Western Australia.



July 2023 Feasibility Study outlines gold production of 663,000oz, 80,000ozpa over the first 8 years, peak production of 103,000oz.



Feasibility Study base case **undiscounted free cash flow of \$363M at A\$2,750/oz.**



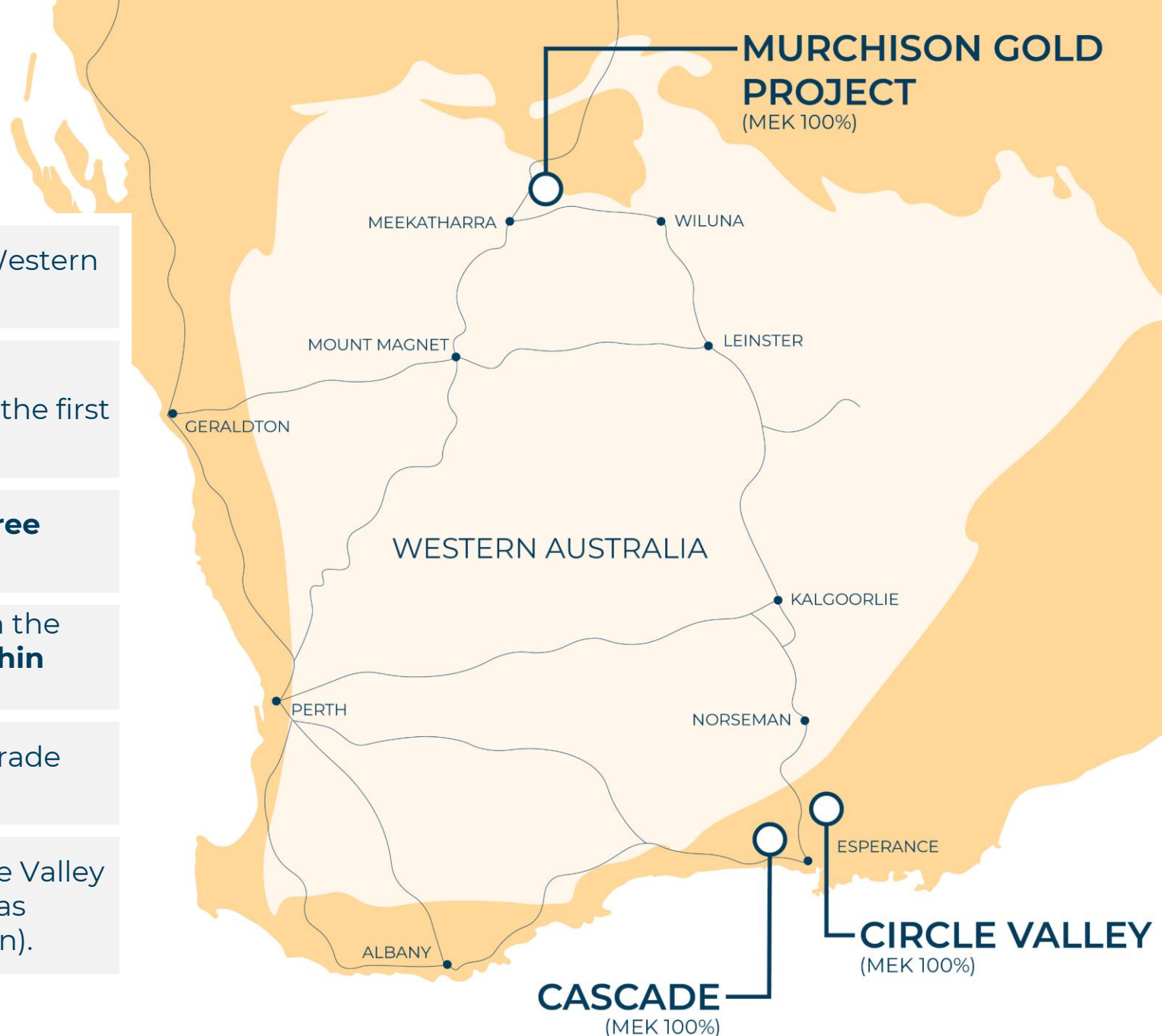
Excellent access to existing infrastructure in the Murchison. **Several underutilised mills within ~150km.**



Compelling opportunity to grow the high grade 1.2Moz gold Mineral Resource.



Large scale gold discovery potential at Circle Valley in the Albany Fraser Mobile Belt, same belt as Tropicana Gold Mine (+3Moz past production).



Experienced Team with 'Skin in the Game'

Board and management have invested \$3M in the Company to date.

Capital Structure ¹			Board	
Share Price (close price 27 Nov 2023)	\$/share	0.036	Paul Chapman	Non-Executive Chairman
Shares on Issue	M	1,190	Tim Davidson	Managing Director & CEO
Options on Issue	M	91	Roger Steinepreis	Non-Executive Director
Market Capitalisation	\$M	43.0	Paul Adams	Non-Executive Director
Cash	\$M	4.0	Morgan Barron	Non-Executive Director
Debt	\$M	-	Management	
Net Cash	\$M	4.0	Tony Brazier	Chief Financial Officer
Enterprise Value	\$M	39.0	Chris Davidson	Chief Development Officer
			James Lawrence	Manager – Geology
			Alan Tandy	Manager – Environment & Approvals

¹ The pro-forma capital structure of the Company post October 2023 placement and including Director Placement (subject to shareholder approval at the Annual General Meeting to be held in November 2023).

PLUTONIC GOLD PROJECT (Catalyst Metals)

Catalyst Mill
1.8Mtpa

Murchison Gold Project Meeka Metals

Mineral Resource:
1.2Moz @ 3.0g/t gold
Ore Reserve:
0.4Moz @ 3.1g/t gold

Westgold Mill
1.8Mtpa

MURCHISON OPERATIONS (Westgold)

Westgold Mill
1.4Mtpa

Ramelius Mill
1.9Mtpa

MT MAGNET
(Ramelius Resources)

Excellent Operating Address in the Murchison

Strategically located, high grade 1.2Moz @ 3g/t gold Mineral Resource.

100% MEK ownership.

100% of Mineral Resources and Ore Reserves are on granted Mining Leases.

Extensive established infrastructure in the region:

- **Combined >5Mtpa of existing processing capacity.**
- Accommodation in Meekatharra.
- Sealed highway access and airstrip in Meekatharra.

The Project retains strong flexibility with alternative pathways to development including:

- ✓ 100% toll milling (reduced capital, increased haulage costs, increased processing costs, open-pit focus).
- ✓ Recommissioning, with potential to expand, the existing Andy Well processing facility (reduced capital, reduced processing capacity, high-grade focus including open pit and underground).
- ✓ Development of a new standalone CIL processing facility at Turnberry.
- ✓ Combination of the above (high-grade through Andy Well processing facility, lower-grade open pit processed at a third-party facility within haulage distance).

Strategic Asset with Strong Growth Opportunities

Opportunity to build on the 1.2Moz @ 3g/t gold Mineral Resource.

Large 281km² landholding.

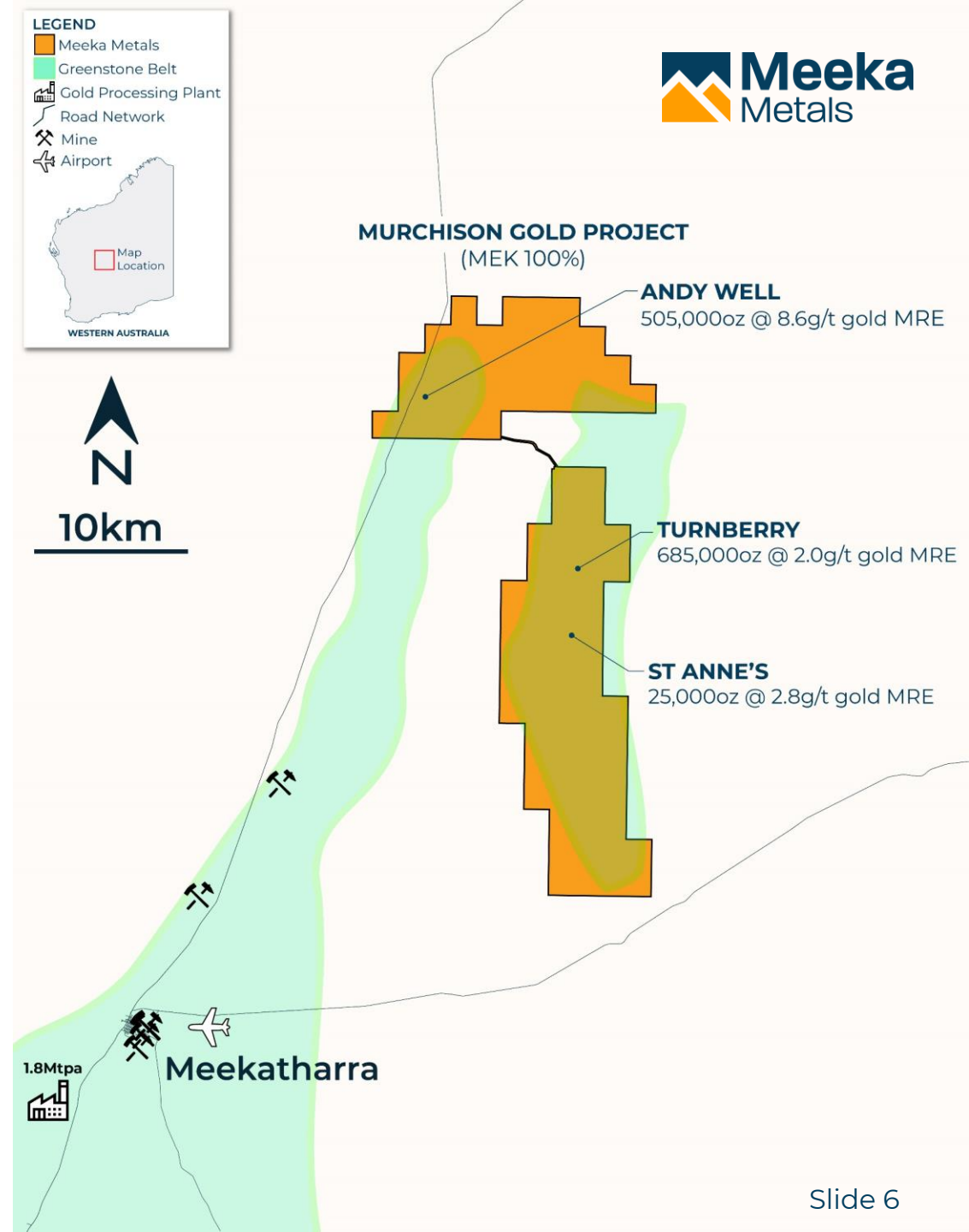
25km of poorly tested Archean Greenstones.

Ongoing discovery, infill and extensional drilling programs including:

- Infill drilling targeting shallow open pit Mineral Resources at Turnberry (685Koz @ 2.0g/t Au MRE).
✓ **Drilling completed, assays pending (expected Nov/Dec 2023)**
- Targeting highly fertile 7km stretch of greenstones along strike of Turnberry and St Anne's.
✓ **Recommencing 2024**

Future high value growth targets include:

- Extensions to the high-grade Andy Well Mineral Resource (505koz @ 8.6g/t Au)
- Extensions to St Anne's where numerous +5.0g/t Au drill intersections below the Mineral Resource remain open.



A 25km Long Growth Target

The Archean Gnaweeda Greenstone Belt.

The Fairway shear zone within the fertile, 25km long Archean Gnaweeda Greenstone Belt presents a compelling exploration target.

Currently hosts 0.7Moz in Mineral Resource but remains largely untested.

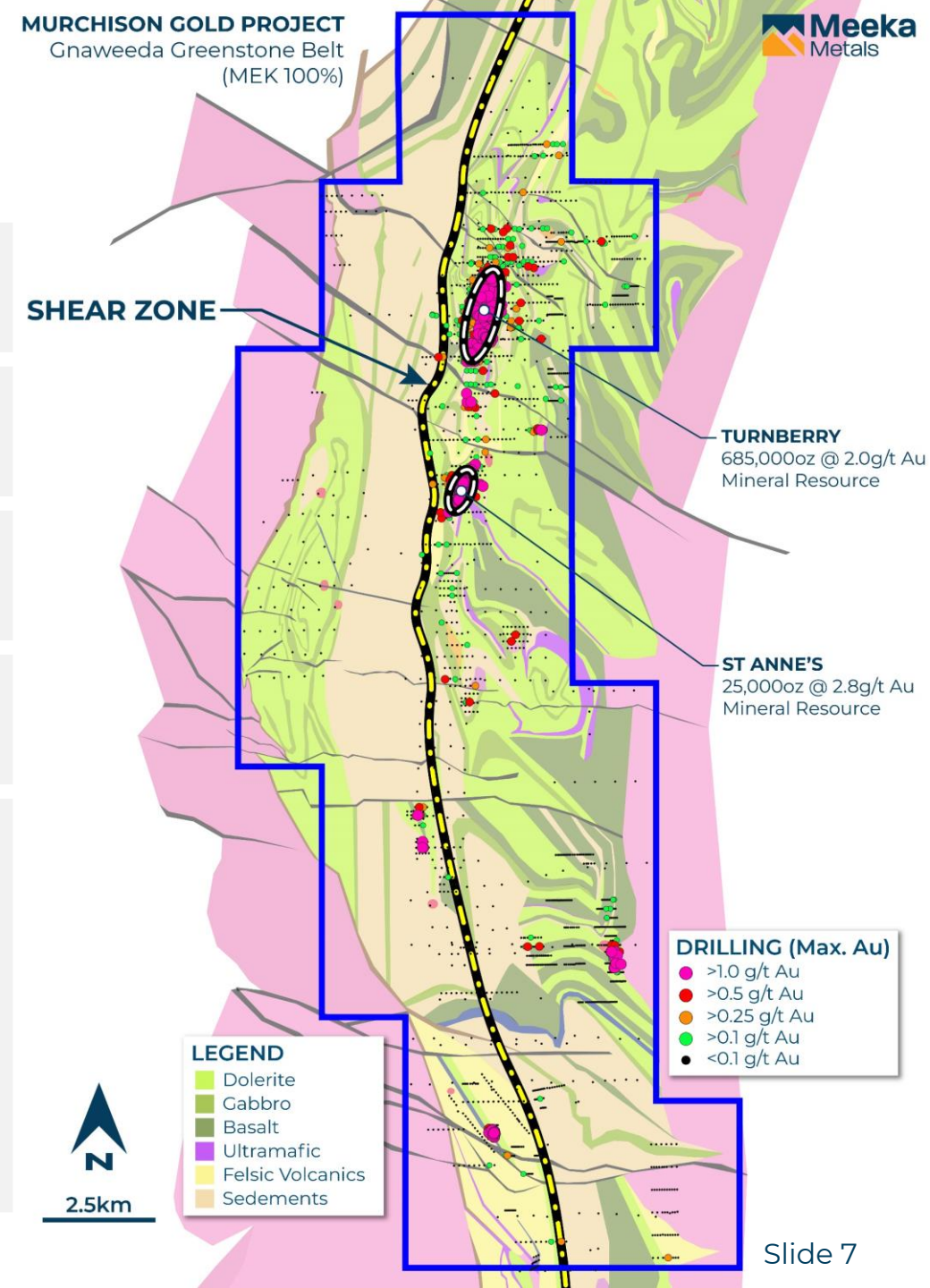
90% of the shear zone has either no drilling or ineffective, broad spaced reconnaissance drilling from 1990's and 2000's.

Coincident gold and arsenic anomalism in shallow reconnaissance drilling is significant and warrants follow up with further drilling.

Example of the growth opportunity and very high gold grades delivered by following up drilling on historical gold arsenic anomalism in 2022:

- 32m @ 16.07g/t Au from 48m (22SAAC058)
- 20m @ 20.74g/t Au from 48m (22SAAC061)

These intersections subsequently formed part of the St Anne's deposit.



Active Focus on Discovery Also Delivering Gold Results Outside the Murchison

High-grade primary gold drilled at Circle Valley in 2022 and 2023.

Important features for possible large Proterozoic gold system are present:

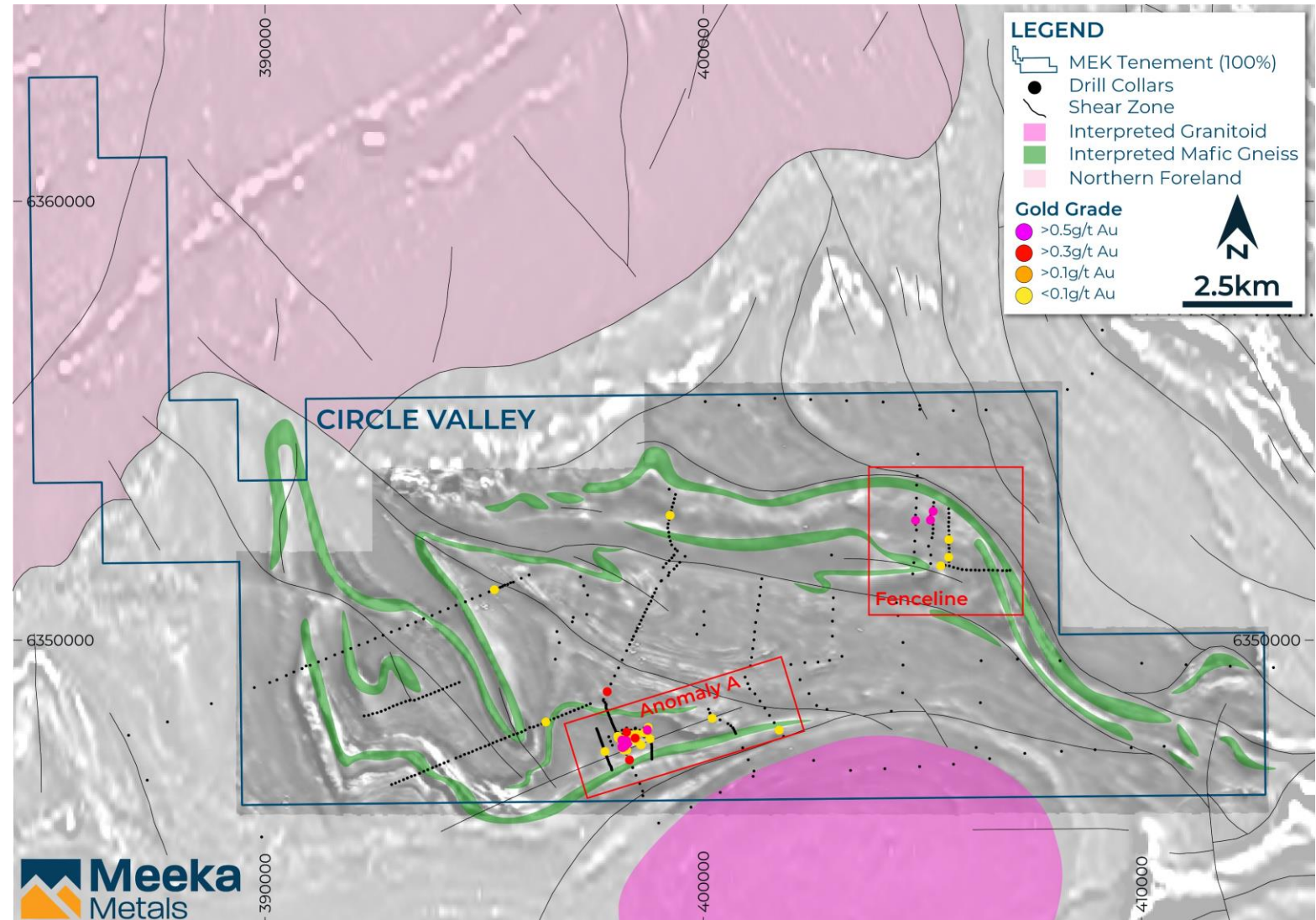
- Zone of major tectonic activity on the margin of the Yilgarn Craton.
- Large interpreted granite intrusion.
- Complex structural sequence (shearing/faulting) provides conduits for large scale hydrothermal fluid flow.

Primary gold intersected at Anomaly A in 2022 and 2023:

- 23m @ 5.09g/t Au from 13m
- 16m @ 1.50g/t Au from 36m
- 12m @ 1.42g/t Au from 36m
- 6m @ 2.93g/t Au from 30m
- 7m @ 2.55g/t Au from 80m

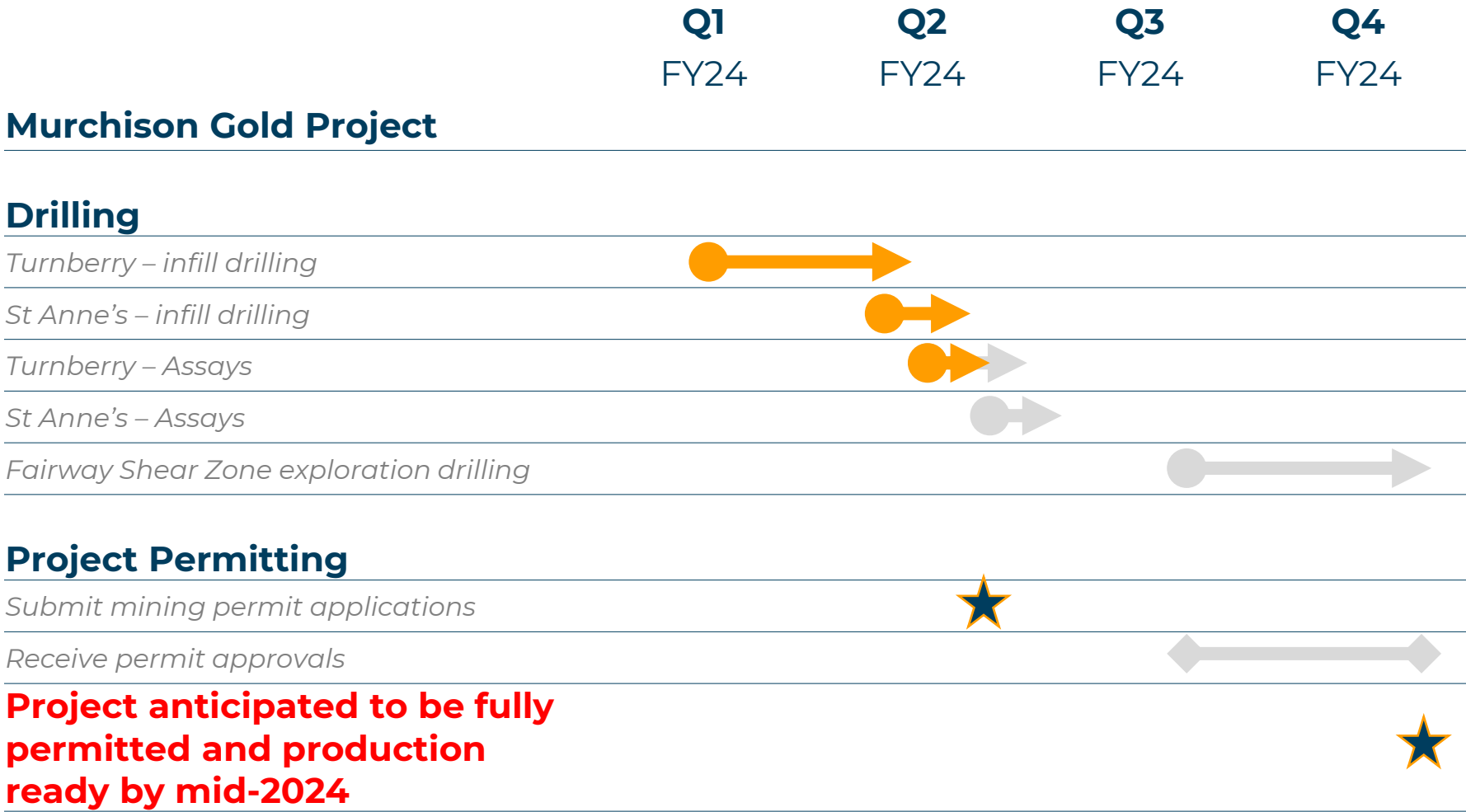
And Fenceline in 2023:

- 4m @ 2.97g/t Au from 92m



Looking Forward

Planned work program through FY24.





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ASX:MEK

(08) 6388 2700

info@meekametals.com.au

meekametals.com.au