Emerald Resources NL

Diggers and Dealers Conference

August 2024

ASX:EMR

EMERALD RESOURCES NL

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Certain statements contained in the Presentation Materials, including information as to the future financial or operating performance of the Company and its projects, are forward looking statements. Such forward looking statements involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company and which may cause actual results, performance or achievements to differ materially from those expressed or implied by such statements. Forward looking statements are provided as a general guide only, and should not be relied on as an indication or guarantee of future performance. Given these uncertainties, recipients are cautioned to not place undue reliance on any forward looking statement. Subject to any continuing obligations under applicable law, the Company disclaims any obligation or undertaking to disseminate any updates or revisions to any forward looking statements in this document to reflect any change in expectations in relation to any forward looking statements or any change in events, conditions or circumstances on which any such statement is based.

ADDITIONAL INFORMATION
The Presentation Materials should be read in conjunction with Emerald's other periodic and continuous disclosure announcements lodged with the ASX, which will be available on Emerald's website.

The Presentation Materials contains information extracted from the following ASX market announcements:

- Quarterly Activities Report dated 28 April 2017;
- Quarterly Activities Report dated 26 July 2017;
- Quarterly Activities Report dated 29 January 2021;
- Exploration Results Continue to Demonstrate Strong Potential dated 29 July 2022;
- Significant Gold Exploration Results at Okvau and Bullseye dated 7 October 2022;
- Significant Gold Exploration Results at Bullseye and Memot dated 31 January 2023;
- Significant Exploration Results Continue at EMR Prospects dated 28 April 2023;
- Significant Exploration Results Continue at EMR Prospects dated 4 July 2023;
- Okvau Mineral Resource and Ore Reserve Update dated 31 August 2023;
- Significant Exploration Results Continue at EMR Prospects dated 30 October 2023;
- Significant Exploration Results Continue at EMR Prospects dated 24 January 2024;
- Significant Exploration Results Continue at EMR Prospects dated 18 April 2024;
- Emerald Accelerates Exploration in Australia and Cambodia dated 29 July 2024; and
- Quarterly Report dated 31 July 2024.

COMPETENT PERSONS STATEMENT
The information in the Presentation Materials relating to exploration results, exploration targets, mineral resources and ore reserves has been reported by the Company in accordance with the 2012 Edition of the 'Australasian Code for Reporting of Exploration results, Mineral Resources and Ore Reserves' (JORC Code) previously (refer to the Company announcements noted above released on 28 April 2017, 26 July 2017, 29 January 2021, 29 July 2022, 7 October 2022, 31 January 2023, 28 April 2023, 4 July 2023, 31 August 2023, 30 October 2023, 24 January 2024, 18 April 2024, 29 July 2024 and 31 July 2024).

The Company confirms that it is not aware of any new information as at the date of the Presentation Materials that materially affects the information included in the Presentation Materials and that all material assumptions and technical parameters underpinning the estimates in the Company's previous announcements continue to apply and have not material changed.

Why Invest in Emerald?

KEY TAKEAWAY: Organic pathway to become a multiple mine, +300koz pa gold producer with no further dilution to shareholders

RIGHT TEAM	▪ **Board and management team - development and operation - with a history of delivery:** - A history of success spanning ~ 30 years; - In house development team delivered 5 projects in Australia, Cambodia and Ivory Coast in past 15 years; - All 5 projects delivered on time and on budget. ▪ Board and management aligned with shareholders.
PRODUCING ASSET WITH GOLD EXPOSURE	▪ **Okvau Gold Mine (100%) – producing asset with robust cash flows:** - Produced 311koz at AISC of US$796/oz to June 2024 since commissioning in Sept 2021 (Project to 30 June 2024: 324koz); - Okvau pre-tax operating cash flow of A$218 million for the FY2024; - Record full year production of 114koz of gold for FY2024 with AISC of US$818/oz. ▪ Unhedged gold resources with a clear pathway to short term resource growth.
ORGANIC GROWTH	▪ **Australia:** - Two projects with 1,300 km^2 of prospective tenure; - Dingo Range Gold Project 900km^2 of tenure covering entire Dingo Range Greenstone Belt; - Feasibility studies continue in advance of investment decision late 2024. ▪ **Cambodia**: - Memot Gold Project – Second Cambodian operation High grade second operation Updated resource (interim) on track for delivery 2nd half calendar 2024 Development aimed for 2025 - Okvau reserve expansion; - Okvau near mine – Okvau North, Samnang, Preak Klong and Antrong.

Emerald at a Glance

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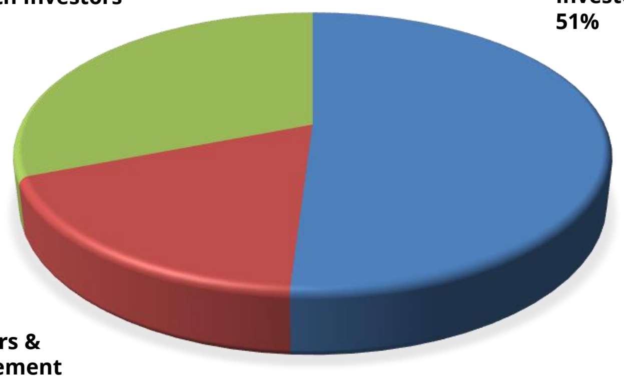
Shareholder Structure



Significant Shareholders[1]

Van Eck Associates Corporation	9.0%
BlackRock Group	6.3%
Morgan Hart	6.0%
Tazga Two Pty Ltd	5.6%
T. Rowe Price Associates, Inc	5.3%
Other EMR Directors and Management	~6%
Institutional Investors	~51%

1 As at 1 August 2024.

Capital Structure

ASX Code	**EMR**
Shares on Issue	**656.2M**
Share Price	**$3.70[1]**
Market Cap (undiluted)	**A$2.4B**

1 Share Price as at 1 August 2024. There are also 12.8M unlisted options on issue with exercise prices ranging from $0.53 to $3.70

Board & Management

Jay Hughes, Non-Executive Chairman

Morgan Hart, Managing Director

- 34 years exploration, development and production experience.

Mick Evans, Executive Director

- Managed the construction of five gold plants in Australia, Cambodia and Ivory Coast in the past 15 years.

Simon Lee AO, Non-Executive Director

Ross Stanley, Non-Executive Director

Billie J Slott, Non-Executive Director

Michael Bowen, Non-Executive Director

Mark Clements, Company Secretary

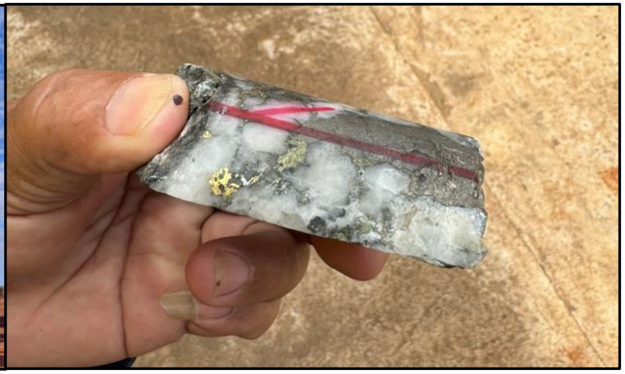
Bernie Cleary, Operations Manager OGM

LISTED ON ASX

Key Assets – producing mine with two more to build

Okvau Gold Mine **(Emerald – 100%)**	▪ Producing asset with robust cash flows; ▪ Produced 311koz to Jun 2024 since commissioning in Sep 2021 (Project to date: 324koz); ▪ AISC of US$796/oz since commissioning to Jun 2024; ▪ Okvau pre-tax operating cash flow of A$218million for FY 2024; ▪ Record full year production of 114koz of gold for FY2024 with AISC of US$818/oz;
Dingo Range Gold Project **(Emerald – 100%)**	▪ 900km^2 of tenure covering the entire Dingo Range Greenstone Belt; ▪ One of the few remaining under-explored greenstone belts in Western Australia; ▪ Feasibility studies continue in advance of investment decision late 2024; ▪ Additional resource/reserves 2nd half calendar 2024 to underpin studies; ▪ Aim to commence development activities late 2024.
Memot Gold Project **(Emerald – 100%)**	▪ Potential second high-grade Cambodian operation; ▪ Stage 1 Maiden Open Pit Inferred Resource of 8Mt @ 1.84g/t Au for 470koz delivered based on 19,217m of drilling, Stage 2 program of 50,000m underway; ▪ Updated resource (interim) on track for delivery 2nd half calendar 2024; ▪ Aim to commence development activities in 2025.



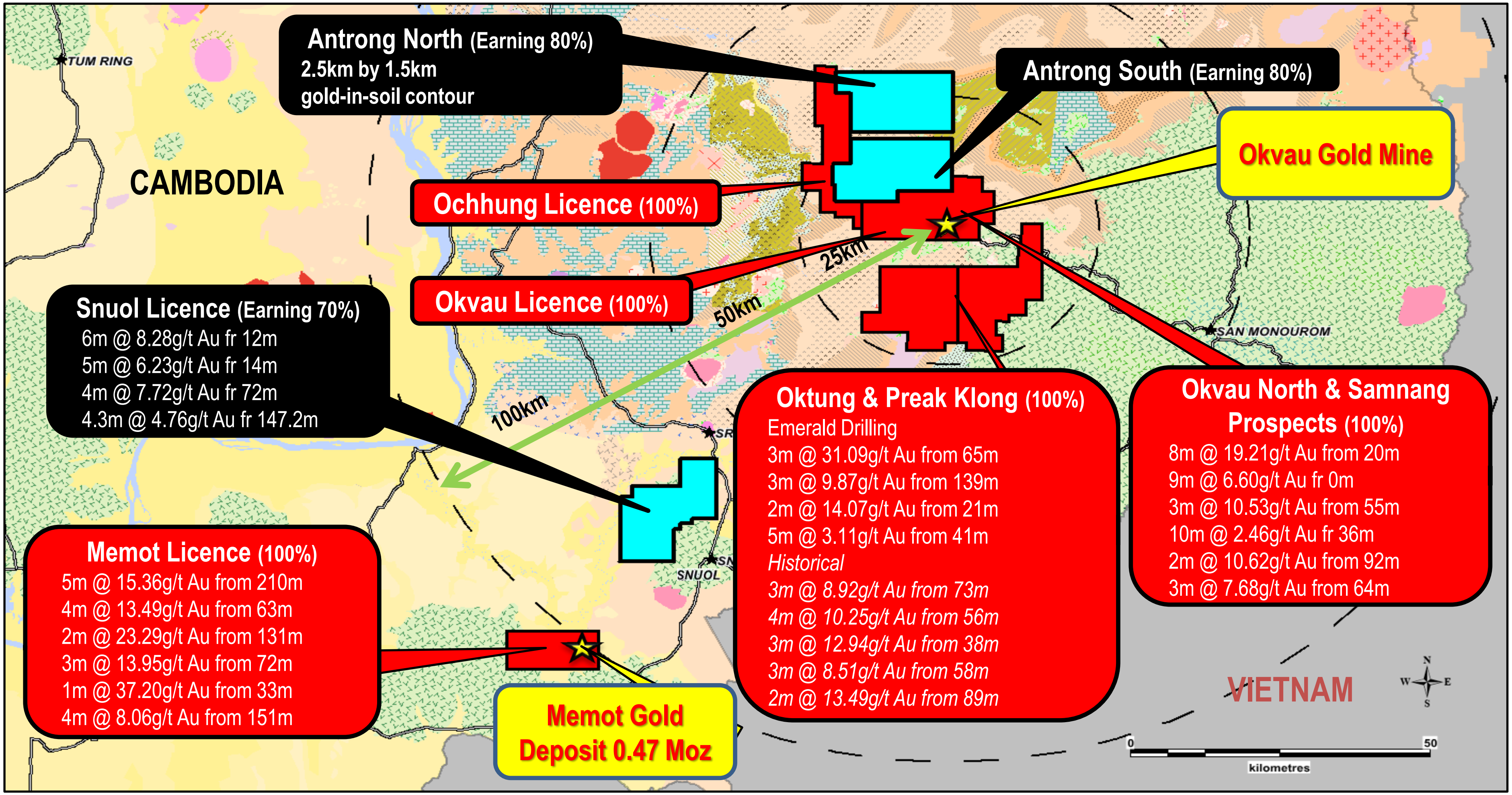


Cambodian Growth

- Okvau reserve expansion;
- Okvau underground;
- Okvau near mine:
  - Okvau North;
  - Samnang;
  - Preak Klong;
  - Antrong
- Memot – potential high grade second Cambodian operation;
- Regional exploration potential – 1,428 km² of prospective tenure.

Cambodian Growth Potential

- Dominant land position of 1,428 km² covering a north-west trending zone of granitoid intrusions;
- Multiple Gold occurrences with direct associations with intrusions with pathfinder multi-elements (bismuth, arsenic, tellurium).

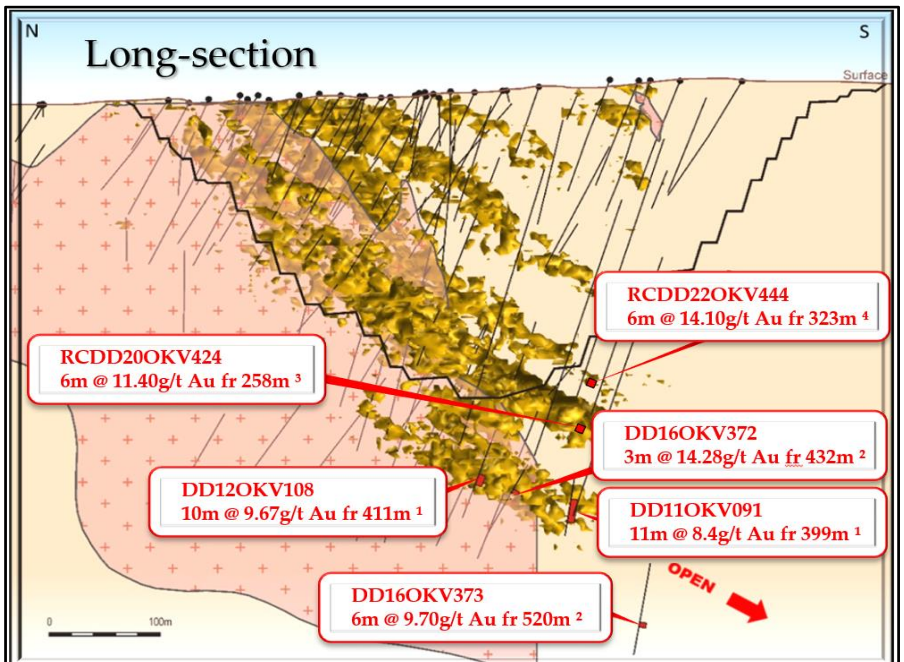


Refer to the Company's ASX Announcements 18 April 2024, 30 October 2023, 4 July 2023, 28 April 2023, 29 April 2022, 31 January 2022, 20 December 2017, 4 February 2013 and 17 August 2012.

Okvau Resource Growth

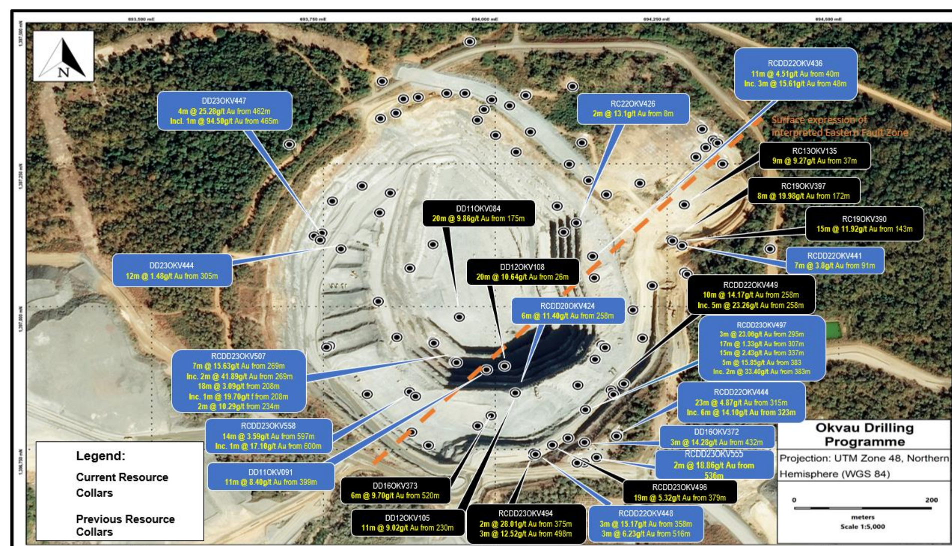
Southern Eastern Depth Extension

- 10m @ 9.67g/t Au from 411m (DD12OKV108);
- 11m @ 8.40g/t Au from 399m (DD11OKV091);
- 6m @ 14.10g/t Au from 323m (RCDD22OKV444);
- 6m @11.40g/t Au from 258m (RCDD20OKV424);
- 6m @ 9.70g/t Au from 520m (DD16OKV373);
- 2m @ 28.01g/t Au from 375m (RCDD23OKV494);
- 3m @ 14.28g/t Au from 432m (DD16OKV372).



Eastern Feeder Zone Mineralisation

- 14m @ 15.03g/t Au from 26m (DD12OKV108);
- 20m @ 9.86g/t Au from 175m (DD11OKV084);
- 15m @ 11.92g/t Au from 143m (RC19OKV390);
- 8m @ 19.98g/t Au from 172m (RC19OKV397);
- 10m @ 14.17g/t Au from 258m (RCDD22OKV449);
- 19m @ 5.32g/t Au from 379m (RCDD23OKV496);
- 11m @ 9.02g/t Au from 230m (DD12OKV105);
- 9m @ 9.27g/t Au from 37m (RC13OKV135);
- 6m @ 9.70g/t Au from 520m (DD16OKV373);
- 2m @ 28.01g/t Au from 375m (RCDD23OKV494).



Reference is made to the Company's ASX releases dated 29 July 2024, 18 April 2024, 30 October 2023, 4 July 2023, 28 April 2023, 31 January 2023, 31 October 2022, 7 October 2022, 28 July 2022, 29 January 2021, 2 July 2019, 26 July 2017, 28 April 2017 and Renaissance Minerals Limited 19 September 2012.

Okvau Resource Growth

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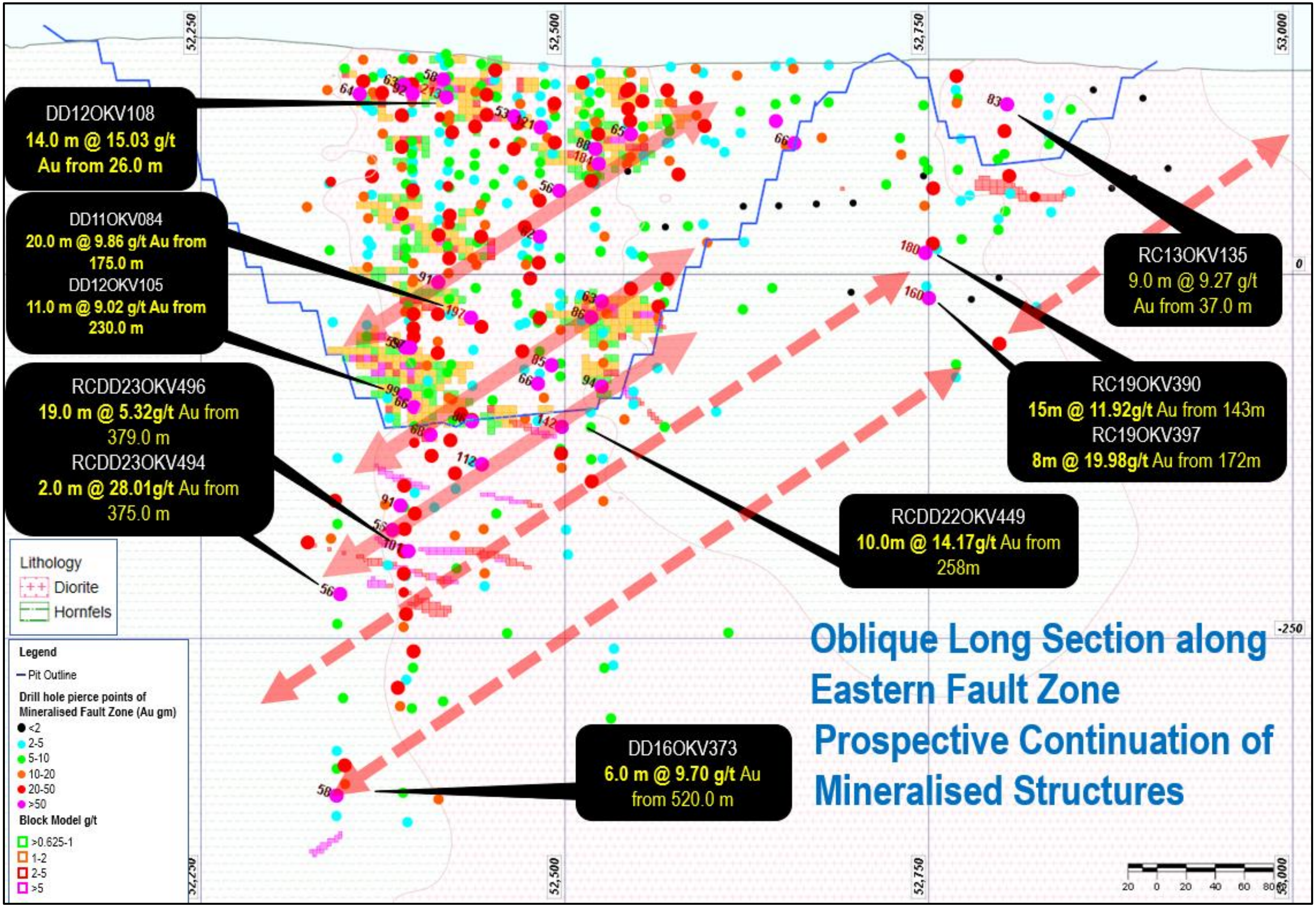
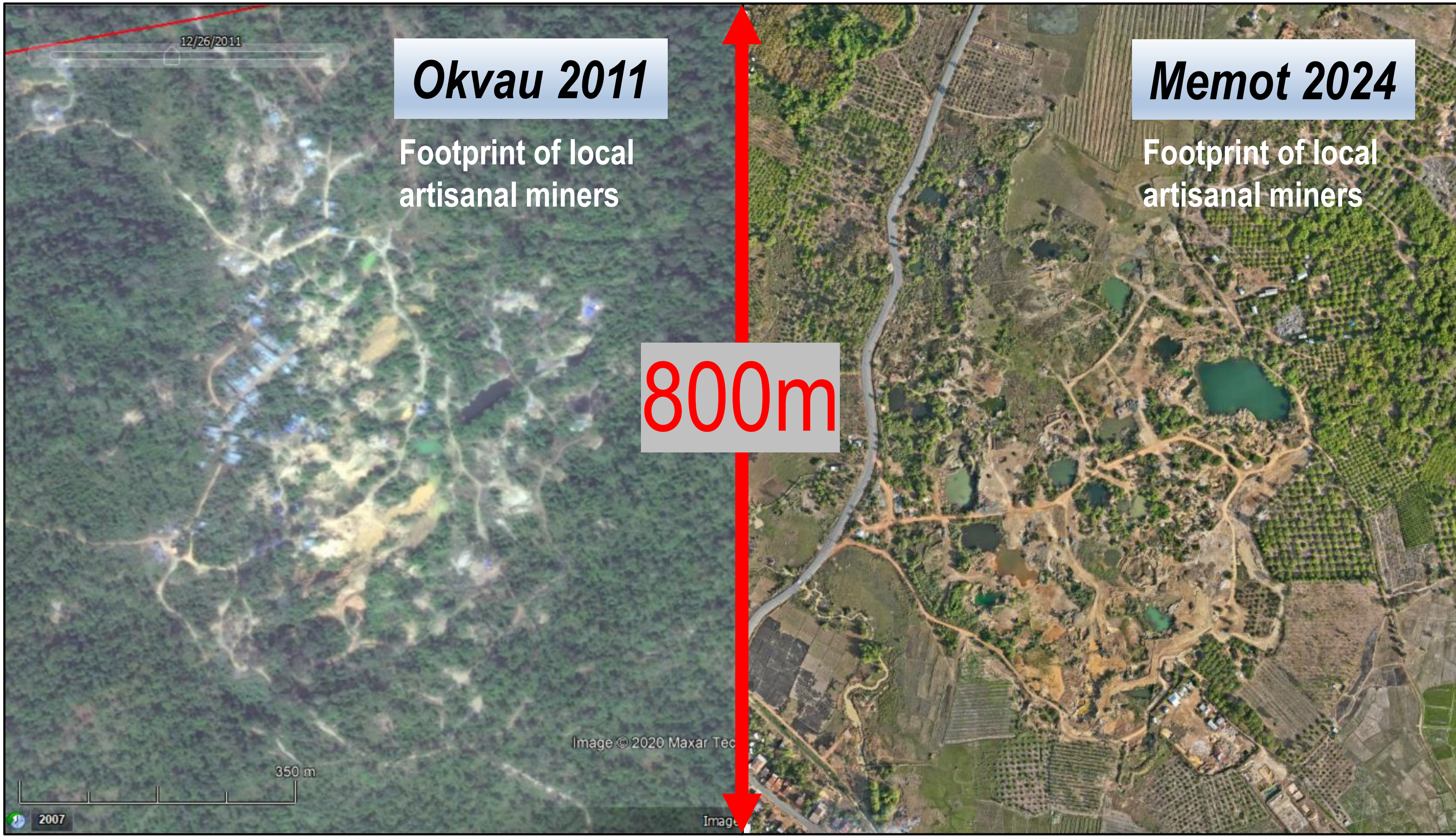
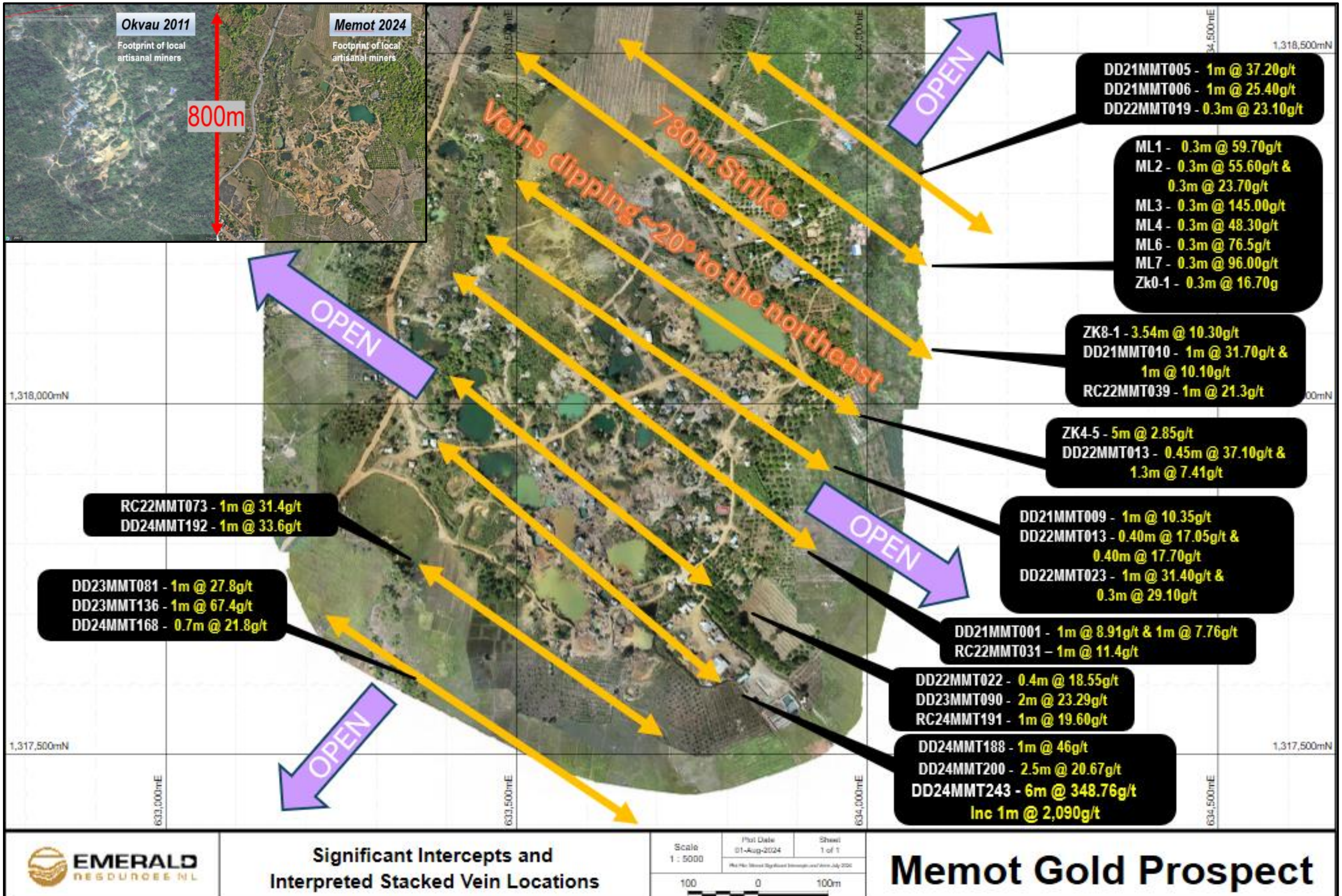


Reference is made to the Company's ASX releases dated 18 April 2024, 30 October 2023, 4 July 2023, 28 April 2023, 31 January 2023, 31 October 2022, 7 October 2022, 28 July 2022, 29 January 2021, 2 July 2019, 26 July 2017, 28 April 2017 and Renaissance Minerals Limited 19 September 2012.

Memot Gold Project – Potential High Grade Second Operation



Memot Gold Project – Potential High Grade Second Operation



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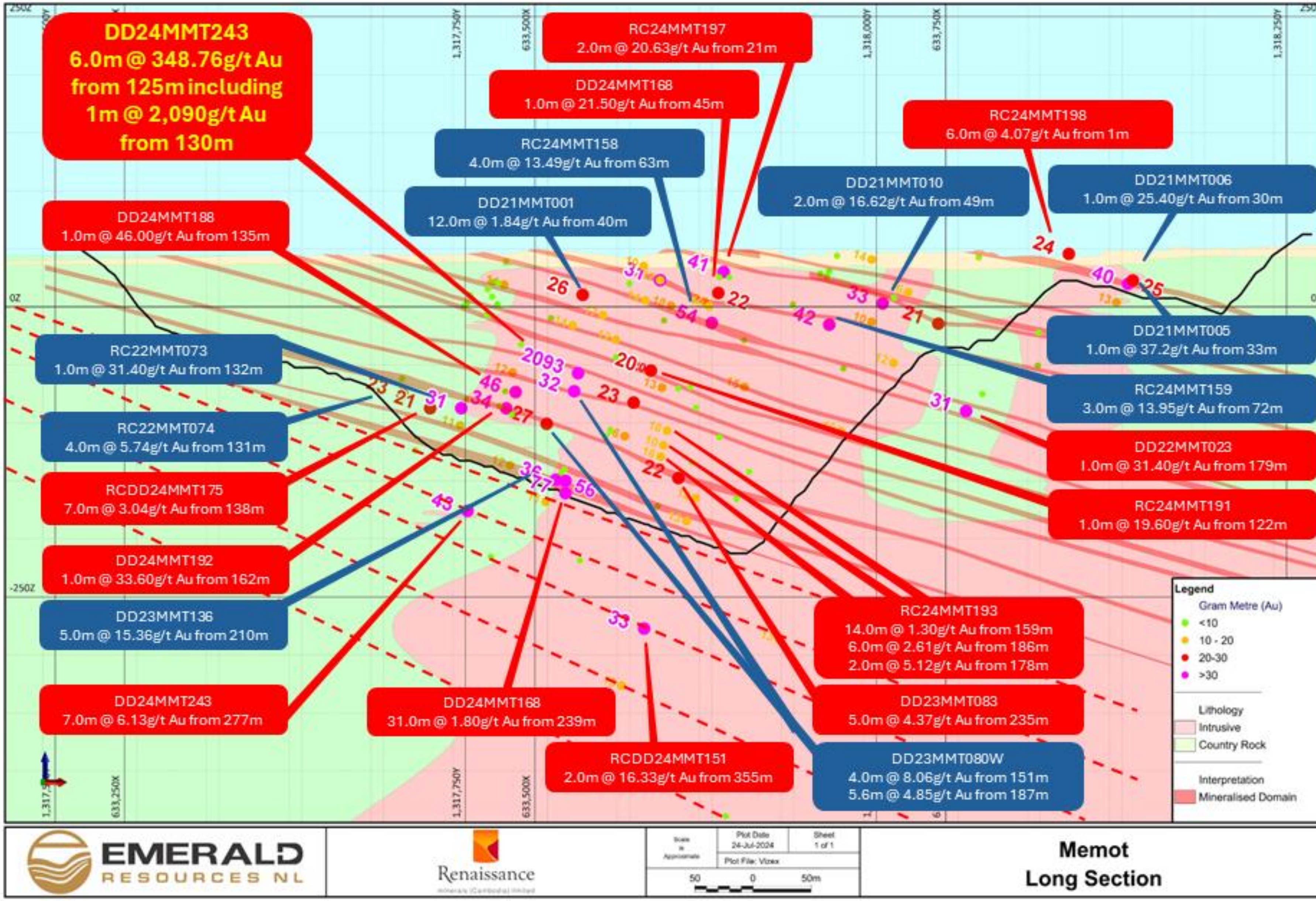
Memot Gold Project – Potential High Grade Second Operation



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Memot Gold Project – Potential High Grade Second Operation

Memot Gold Project Stage 1 Maiden Open Pit Resource released December 2023:

- Stage 1 Maiden Memot Gold Project Open Pit Inferred Resource of 8Mt @ 1.84g/t Au for 470koz;
- Maiden resource delivered based on 19,217m of drilling, drill density of 100m x 50m-100m;
- Stage 2 program of 50,000m commenced early 2024, drill density of 50m x 25m-50m for full grade value;
- Updated resource (interim) on track for delivery 2nd half calendar 2024;
- Current mineralisation remaining open in all directions, including at depth;
- Work to date supports Emerald's view that Memot has the potential to be a second standalone operation for the Company in Cambodia.

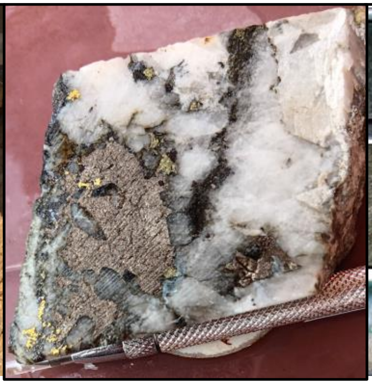
Drilling results on the Memot Gold Project include the following:

Historical Results

- 0.3m @ 145.00g/t Au from 14.2m (ML3);
- 3.54m @ 10.30g/t Au from 0m (ZK8-1);
- 0.3m @ 96.00g/t Au from 12.7m (ML7);
- 4m @ 5.98g/t Au from 7m (ML8);
- 0.3m @ 76.5g/t Au from 10.7m (ML6);
- 3.8m @ 5.46g/t Au from 0m (ZK12-7);
- 0.3 @ 59.70g/t Au from 8.2m (ML1).

Recent EMR results

- 6m @ 348.76g/t Au from 125m (DD24MMT243);
- 5m @ 15.36g/t Au from 210m (DD23MMT136);
- 4m @ 13.49g/t Au from 63m (RC24MMT158);
- 2.5m @ 20.67g/t Au from 134.5m (DD24MMT200);
- 31m @ 1.80g/t Au from 239m (DD24MMT168);
- 2m @ 23.29g/t Au from 131m (DD23MMT090);
- 1m @ 46.00g/t Au from 135m (DD24MMT188).

Refer to the Company's ASX Announcements 18 April 2024, 30 October 2023, 4 July 2023, 28 April 2023, 31 January 2023, 29 April 2022 and 31 January 2022.

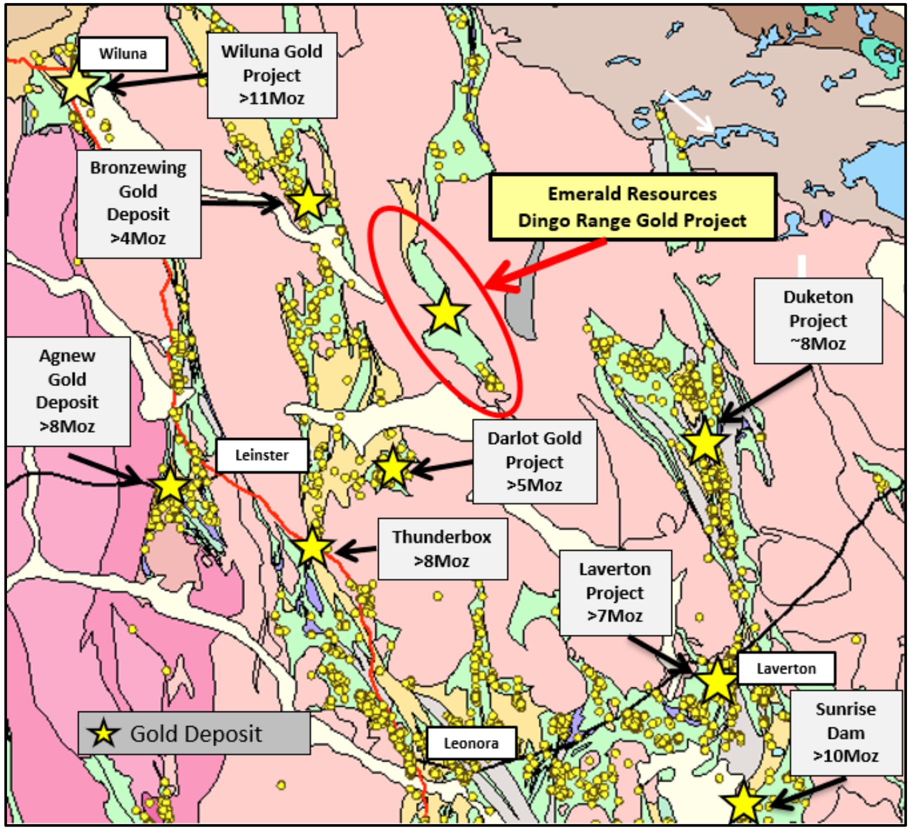
Australian Growth (EMR: 100%)

- Two projects with 1,300 km² of prospective tenure;
- Dingo Range Gold Project 900km² of tenure covering entire Dingo Range Greenstone Belt;
- 6.4km Boundary-Bungarra mineralised zone;
- Feasibility studies continue in advance of investment decision late 2024.

Australia Gold Projects

- Emerald holds two Western Australian gold projects, totaling in excess of 1,300km^2 of highly prospective gold tenure;
- The most advanced project is the Dingo Range Gold Project:
  - located in Western Australia, within one of the world's richest and most established gold regions;
  - covers in excess of 900km^2 of the entire Dingo Range greenstone belt;
  - in excess of 100 million ounces of gold has been produced or discovered in the areas surrounding the project.
- An additional project comprising of the Southern Cross Gold Project and the Aurora Gold Project which covers over 400km^2 of tenure.

Dingo Range Gold Project Location

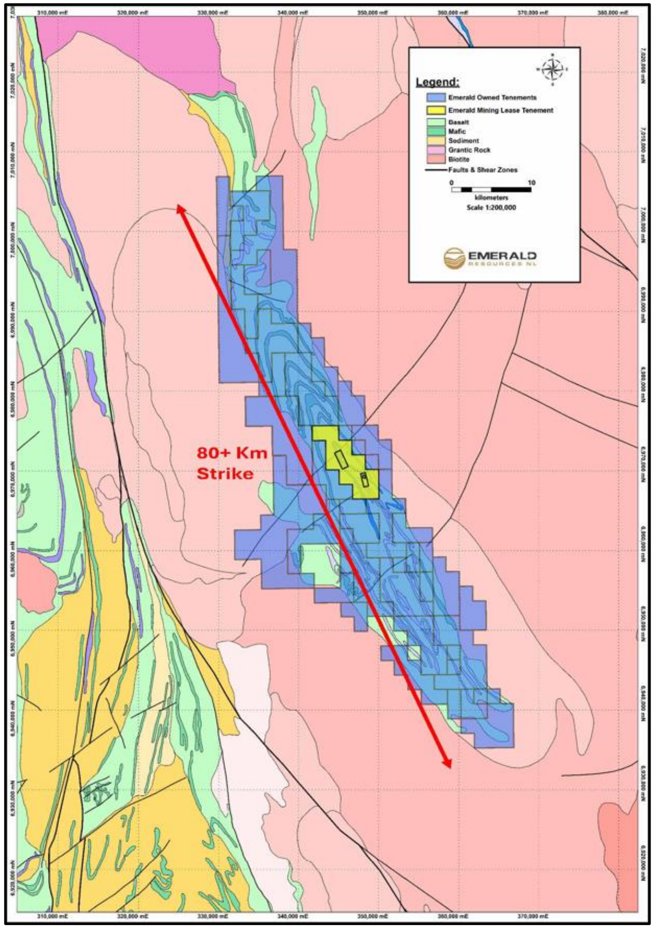


Dingo Range Gold Project – Boundary-Bungarra Prospect

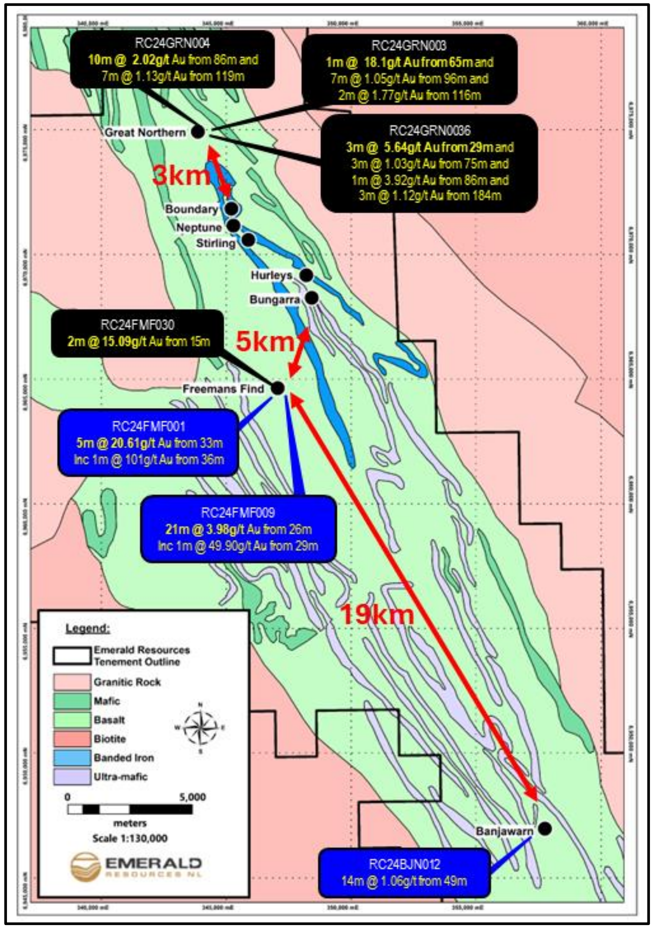
The Dingo Range Gold Projects most advanced prospect is the Boundary-Bungarra Prospect:-

- Four granted mining licences covering $36km^2$ over the Boundary-Bungarra Prospect;
- JORC compliant resource calculated in 2015 based on limited shallow (average to approx. 120m) drilling;
- Significant additional drilling undertaken subsequent to existing resource, adding to the resource base;
- Expectation of significant resource growth with current drilling program.

Dingo Range Gold Project
Tenure Holding



Boundary-Bungarra, Great Northern, Freemans Find and Banjawarn Prospects



Dingo Range – Boundary-Bungarra Prospect

Dingo Range – Boundary-Bungarra Prospect Drilling Program:

- 98,000m resource definition drilling program underway, resource/reserve update 2nd half 2024;
- Current program following up existing significant results across ~114,000m of existing drilling, completed to an average depth of ~120m.

Significant intersections over the Boundary-Bungarra Prospect to date include:

Boundary

5m @ 60.25g/t Au from 171m (WDDH8);
45m @ 6.07g/t Au from 73m (BDRC058);
27m @ 9.34g/t Au from 153m (BDRC035);
53m @ 3.44g/t Au from 66m (WRC17) (EOH);
47m @ 3.42g/t Au from 93m (BDRD0025);
30m @ 5.16g/t Au from 151m (WDDH10);
19m @ 7.89g/t Au from 58m (BRC1002);
8m @ 17.14g/t Au from 38m (BDRC060);
40m @ 3.17g/t Au from 55m (BDRD0022);
27m @ 4.53g/t Au from 62m (BDRC014);
9m @ 13.55g/t Au from 42m (WDDH1);
30m @ 3.82g/t Au from 179m (BDRD0043);
9m @ 12.55g/t Au from 42m (WRC23);
27m @ 4.07g/t Au from 62m (BDRD0094);
23m @ 4.16g/t Au from 73m (BDRC061);
24m @ 3.88g/t Au from 20m (DRP176) (EOH);
49m @ 1.89g/t Au from 74m (BDRD0061);
45m @ 2.01g/t Au from 62m (BDRD0010).

Bungarra

14m @ 31.46g/t Au from 33m (LAVRD0126);
19m @ 13.41g/t Au from 32m (DRP495);
17m @ 13.28g/t Au from 49m (LAVRD0132);
3m @ 67.37g/t Au from 30m (BFRC15);
5m @ 39.41g/t Au from 31m (LAVRD0133);
9m @ 17.02g/t Au from 33m (BFRC13);
6m @ 23.26g/t Au from 89m (LAVRD0054);
9m @ 15.45g/t Au from 39m (LAVRD0142);
14m @ 9.74g/t Au from 30m (LAVGW0003);
9m @ 14.58g/t Au from 75m (LAVRD0054);
6m @ 19.28g/t Au from 53m (LAVRD0135);
8m @ 12.38g/t Au from 48m (LAVRD0054);
6m @ 16.16g/t Au from 59m (LAVRD0156);
4m @ 23.78g/t Au from 49m (LAVGW0002).

Hurleys

12m @ 3.30g/t Au from 13m (HRRD0020);
12m @ 2.77g/t Au from 47m (HRRD0050);
3m @ 9.00g/t Au from 62m (HRRD0062);
9m @ 2.27g/t Au from 64m (HRRD0032).

Neptune

26m @ 6.95g/t Au from 40m (NPRD0039);
16m @ 10.10g/t Au from 63m (NPRD0026);
25m @ 5.24g/t Au from 0m (NPGC0053);
17m @ 7.44g/t Au from 29m (NPRD0007);
33m @ 3.82g/t Au from 37m (NPMD1019);
40m @ 2.98g/t Au from 14m (NPGC0025);
22m @ 4.87g/t Au from 17m (NPRD0056);
15m @ 6.60g/t Au from 67m (NPMD1007);
3m @ 29.85g/t Au from 45m (NPMD1026);
6m @ 14.24g/t Au from 37m (NPGC0018);
9m @ 9.44g/t Au from 82m (NPRD0078);
9m @ 9.36g/t Au from 7m (NPGC0045);

Stirling

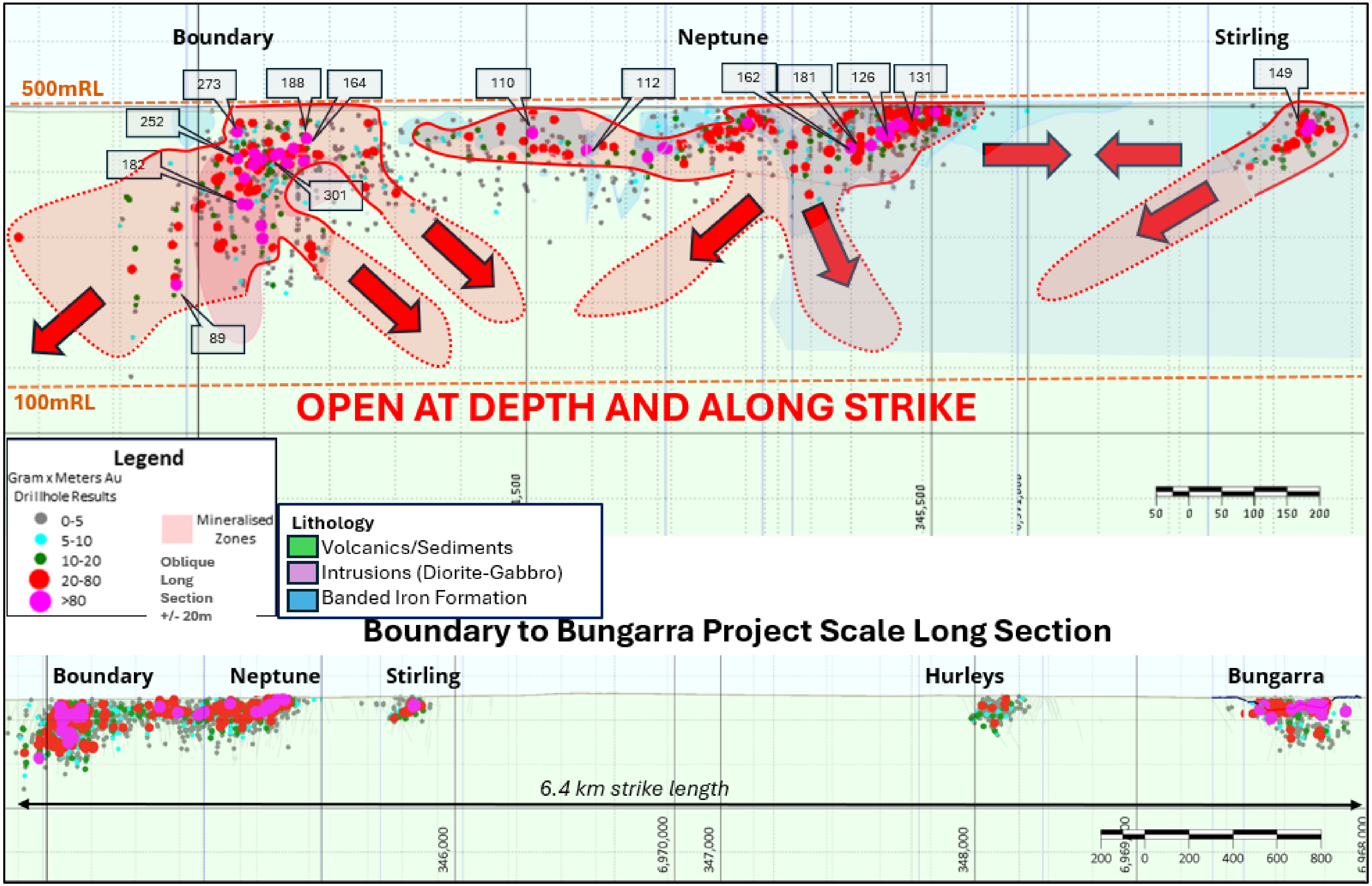
26m @ 5.83g/t Au from 33m (STRD0016);
38m @ 2.62 g/t Au from 16m (SRC7);
31m @ 2.75g/t Au from 35m (STRD0008);
27m @ 2.30g/t Au from 59m (STRD0007);
27m @ 2.25g/t Au from 31m (STRD0019).

* Blue highlighted intersections >100 gram x meters

Refer to the Company's ASX Announcements 30 October 2023, 4 July 2023, 28 April 2023, 31 January 2023, 7 October 2022, 5 July 2022 and 31 January 2023.

Dingo Range – Boundary-Bungarra Long Sections

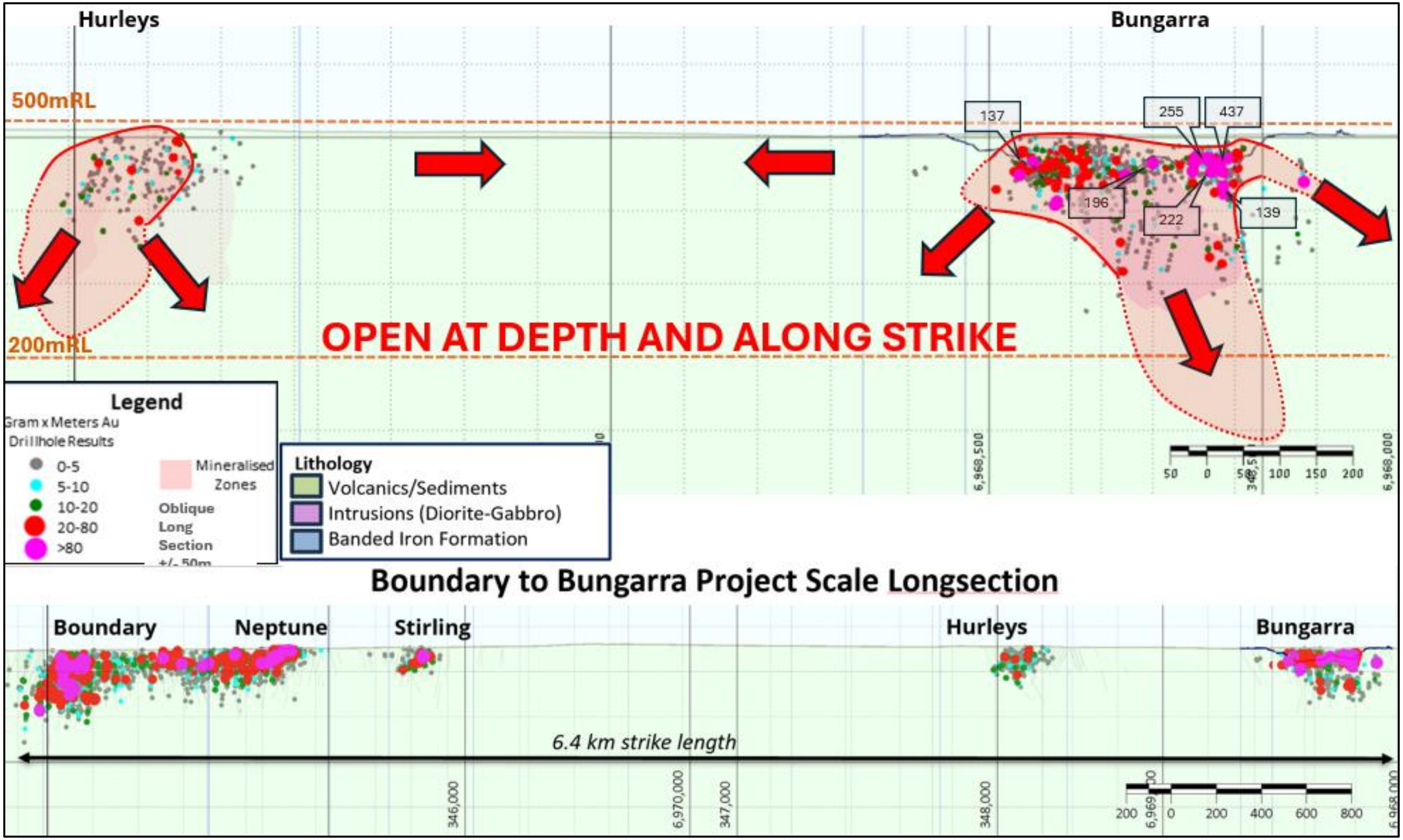
Long Section of the Boundary, Neptune and Stirling Prospects



Refer to the Company's ASX Announcement dated 15 July 2022, 7 October 2022, 4 July 2023 and 30 October 2023

Dingo Range – Boundary-Bungarra Long Sections

Long Section of the Hurleys and Bungarra Prospects



Refer to the Company's ASX Announcement dated 15 July 2022, 7 October 2022, 4 July 2023 and 30 October 2023.

Environmental & Social Values

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Emerald is to have a (net) positive impact on near-mine environmental and social values through:

- Setting the benchmark for an environmentally & socially responsible, sustainable and transparent mining industry in Cambodia;
- **Commitment to carbon neutral operations in Cambodia:**
  - **Funds committed for tangible operational outcomes to fully offset carbon emissions;**
  - **Annual accrual to be reviewed annually based on projected emissions; and**
  - **~US$650k accrued for the 2023 and 2024 financial year impacts.**
- Achieving compliance with corporate governance, international guidelines & local laws;
- Significant funding commitments including establishing the Mineral Fund for Community Development;
- Partnership with the Phnom Prich Wildlife Sanctuary to strengthen law enforcement and wildlife protection, including protecting 9,000ha of project Biodiversity Offset Sites established within the sanctuary;
- Comprehensive EMS & environmental monitoring program;
- Identifying community needs and providing support including the School Nursery Program, water wells, sanitation, village road safety and donations; and
- Internal and external auditing processes.

Community Development Legacy

✓ Improved access to markets, health care and schools;
✓ Transferable workplace skills;
✓ Improved access to water;
✓ Upskilled regulators;
✓ Post mining programs; and
✓ Re-established endangered tree species.

Key Takeaways

RIGHT TEAM	▪ **Board and management team - development and operation - with a history of delivery:** - History of delivering in development and operation; - Board and management aligned with shareholders.
PRODUCING ASSET WITH GOLD EXPOSURE	▪ **Okvau Gold Mine (100%) – producing asset with robust cash flows:** - Producing asset with robust cash flows; - Unhedged gold resources with a clear pathway to short term resource growth.
ORGANIC GROWTH	▪ **Australia:** - Dingo Range Gold Project 900km^2 of tenure covering entire Dingo Range Greenstone Belt; - Feasibility studies continue in advance of investment decision late 2024. ▪ **Cambodia**: - Memot Gold Project – high grade second operation - Okvau reserve expansion; - Okvau near mine - Samnang, Preak Klong and Antrong.

Emerald on the path of becoming a multiple mine, + 300koz pa gold producer with no further dilution to shareholders

Thank You