



EXCEPTIONAL RESULTS AT HIGHWAY SOLIDIFY TUCKANARRA GOLD PROJECTS FUTURE

Company Presentation | Q3 2022 | ASX: ODY



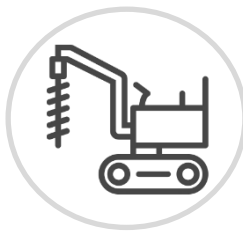
Highway Zone Has Classic Murchison Potential

Highway Zone has the depth and strike potential to add significant scale



2022 drilling has defined a significant new structure at the Highway Zone with strike and depth potential to add significant scale

- 300m long and open along strike
- 10-20m wide (true width) @ 2-9g/t Au
- Drilled to 200m and open down dip
- 5 of 8 RC holes >25 gram metres



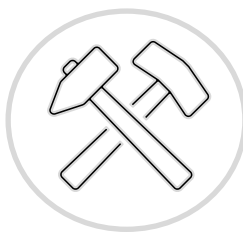
7,800m planned multiphase resource development and definition drill program at the Highway Zone including RC, diamond, infill and extension drilling



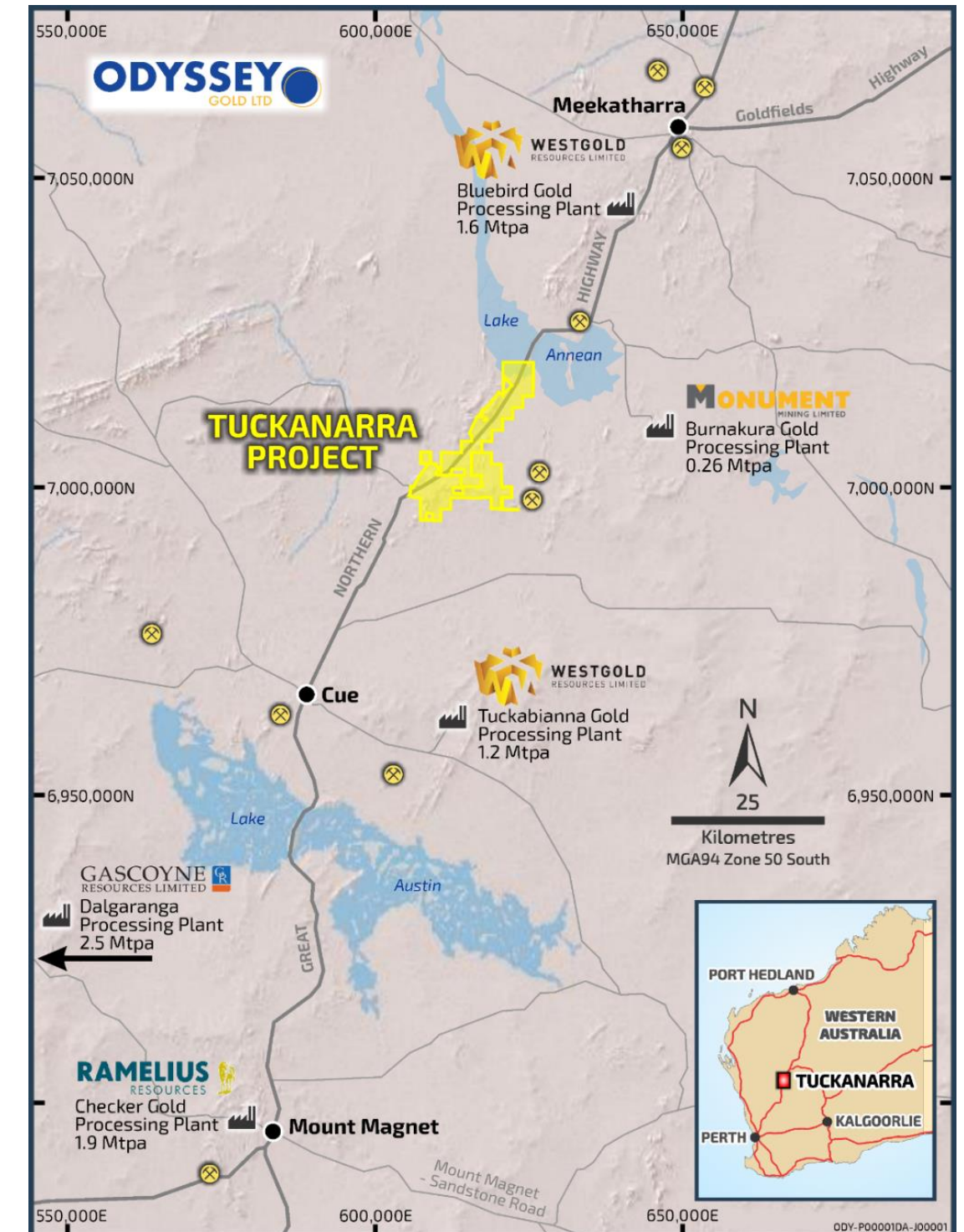
Significant oxide mineralisation and shallow high grade underground potential already defined at the Tuckanarra Project



Resources being defined on granted mining leases in a district with over 7.5Mtpa of milling capacity



Previous mining at Tuckanarra in the 1990's produced c.55koz Au at an average grade of 3.4g/t Au from shallow oxide pits



Highway Zone Target – Grade and Scale

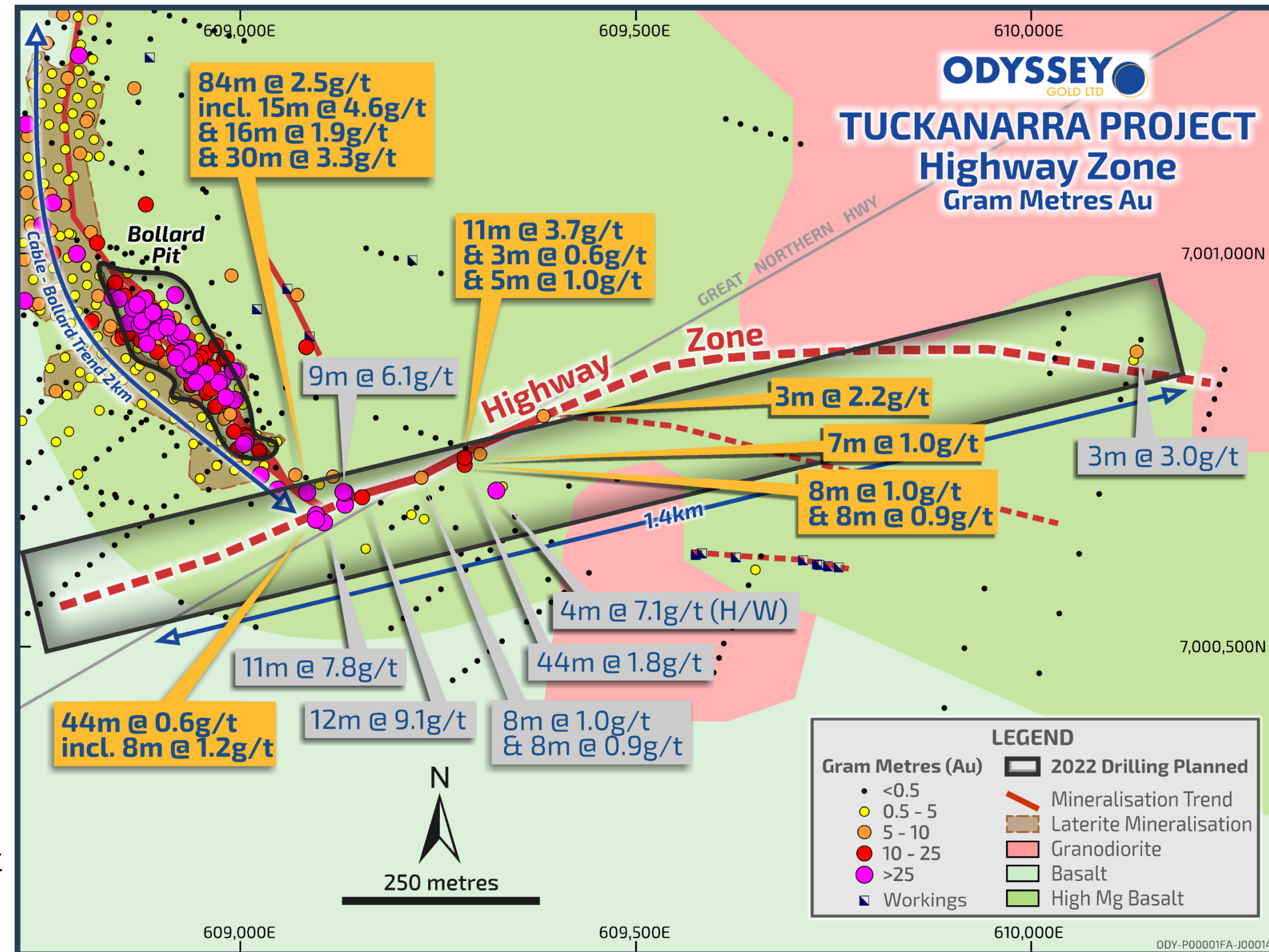
Highway Zone Open Pit Target

- Mineralised shoot:
 - 300m long and open along strike
 - 10-20m wide (true width) @ 2-9g/t Au
 - drilled to 200m and open down dip
 - 5 of 8 RC holes >25 gram metres

Highway Zone Underground Extension

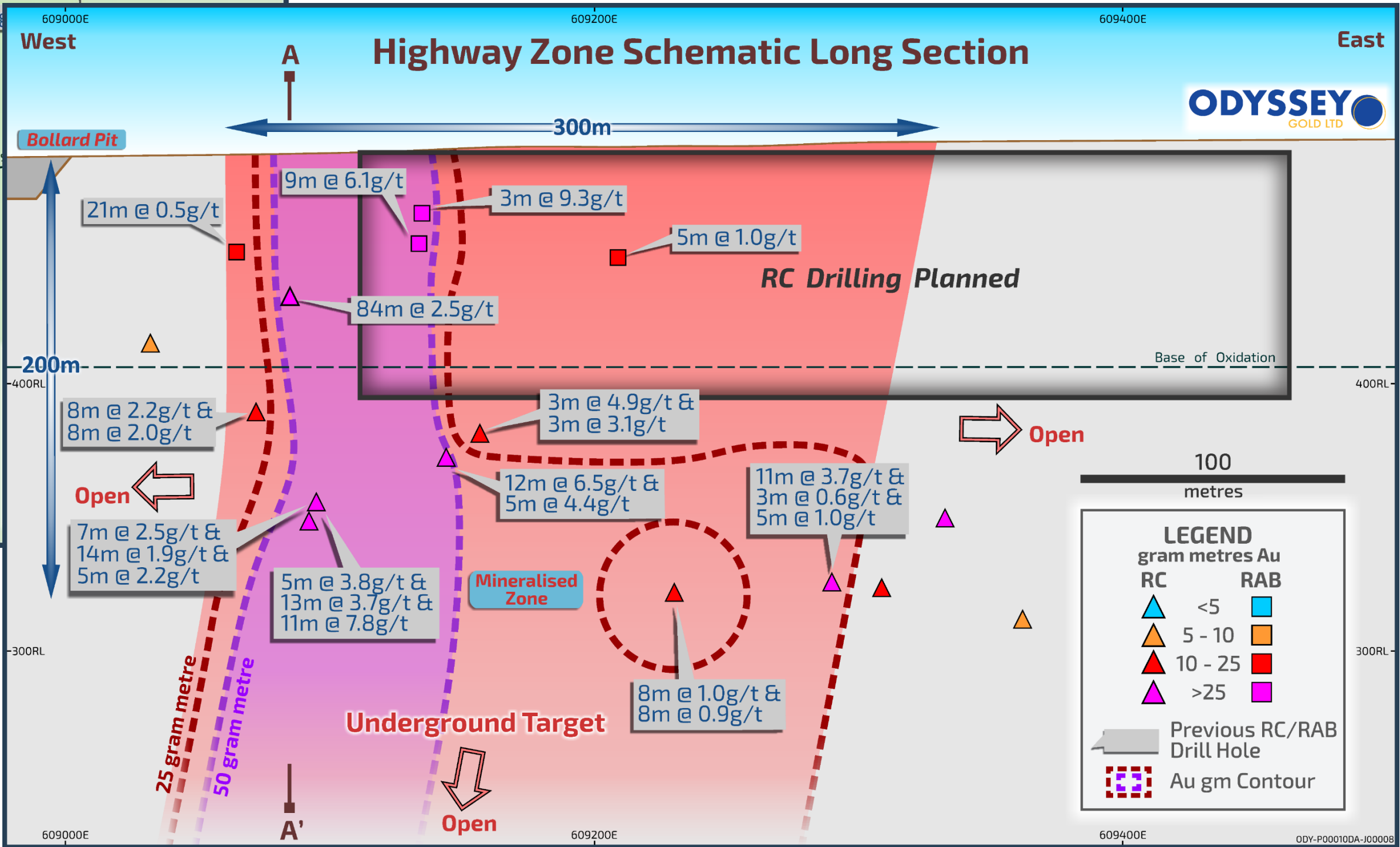
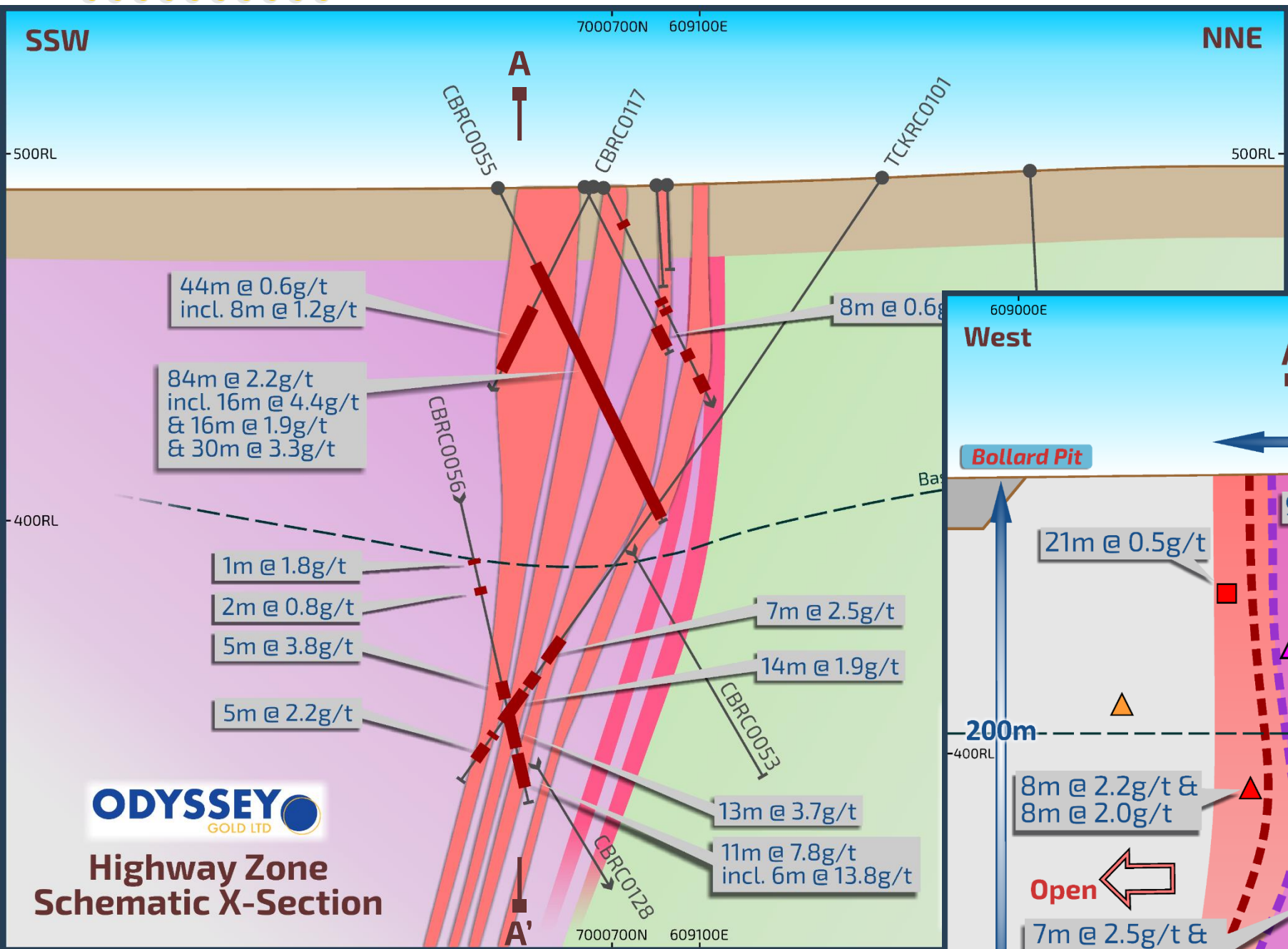
- 6 holes include >5g/t Au intervals demonstrating underground potential
 - 12m @ 6.5g/t Au**
 - 11m @ 7.8g/t Au**
 - 7m @ 10g/t Au**
 - 4m @ 7.1g/t Au**
 - 3m @ 8g/t Au**
- 7,800m of drilling planned to drill open pit target and define additional shoots

Open along strike and down dip



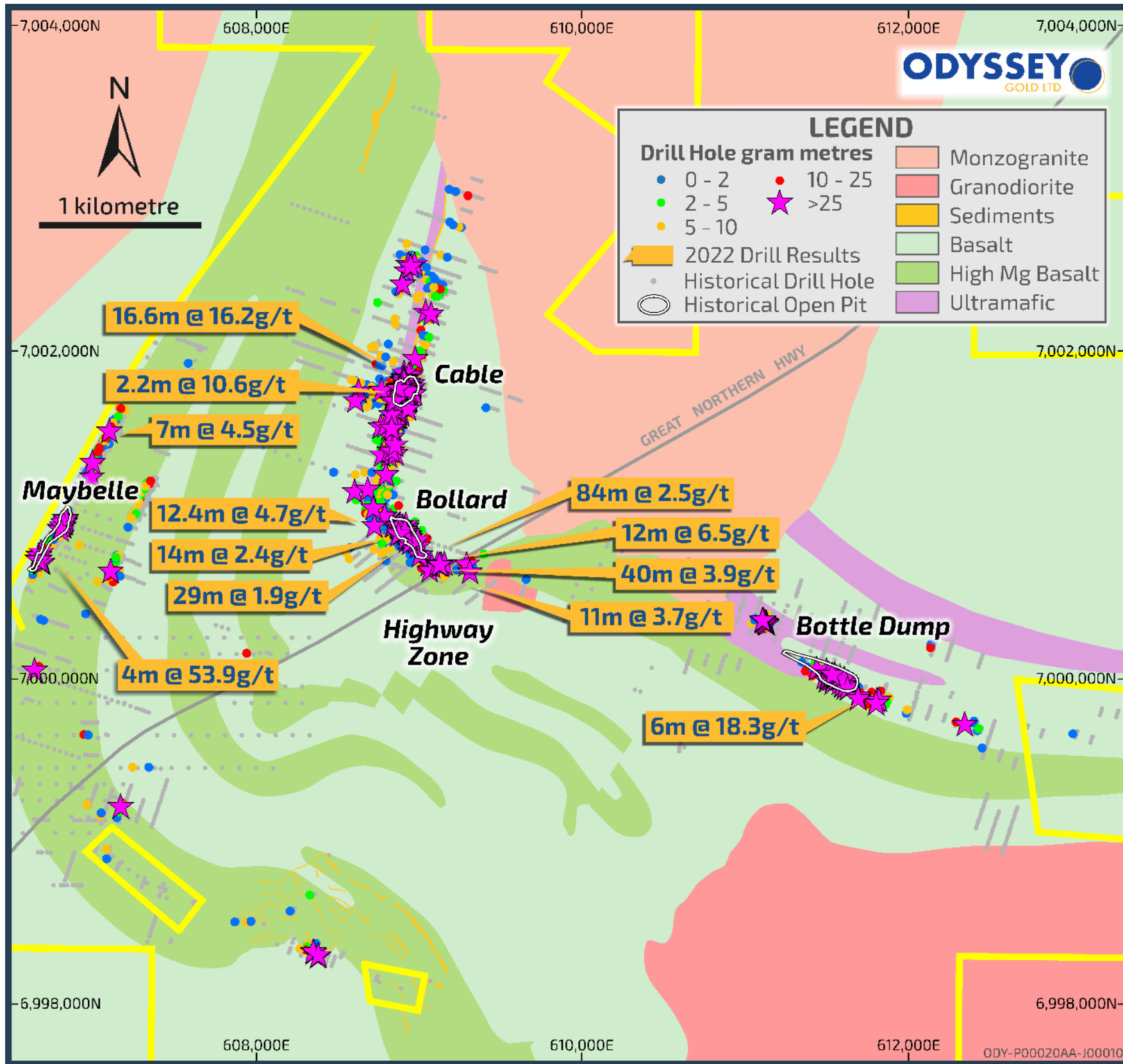
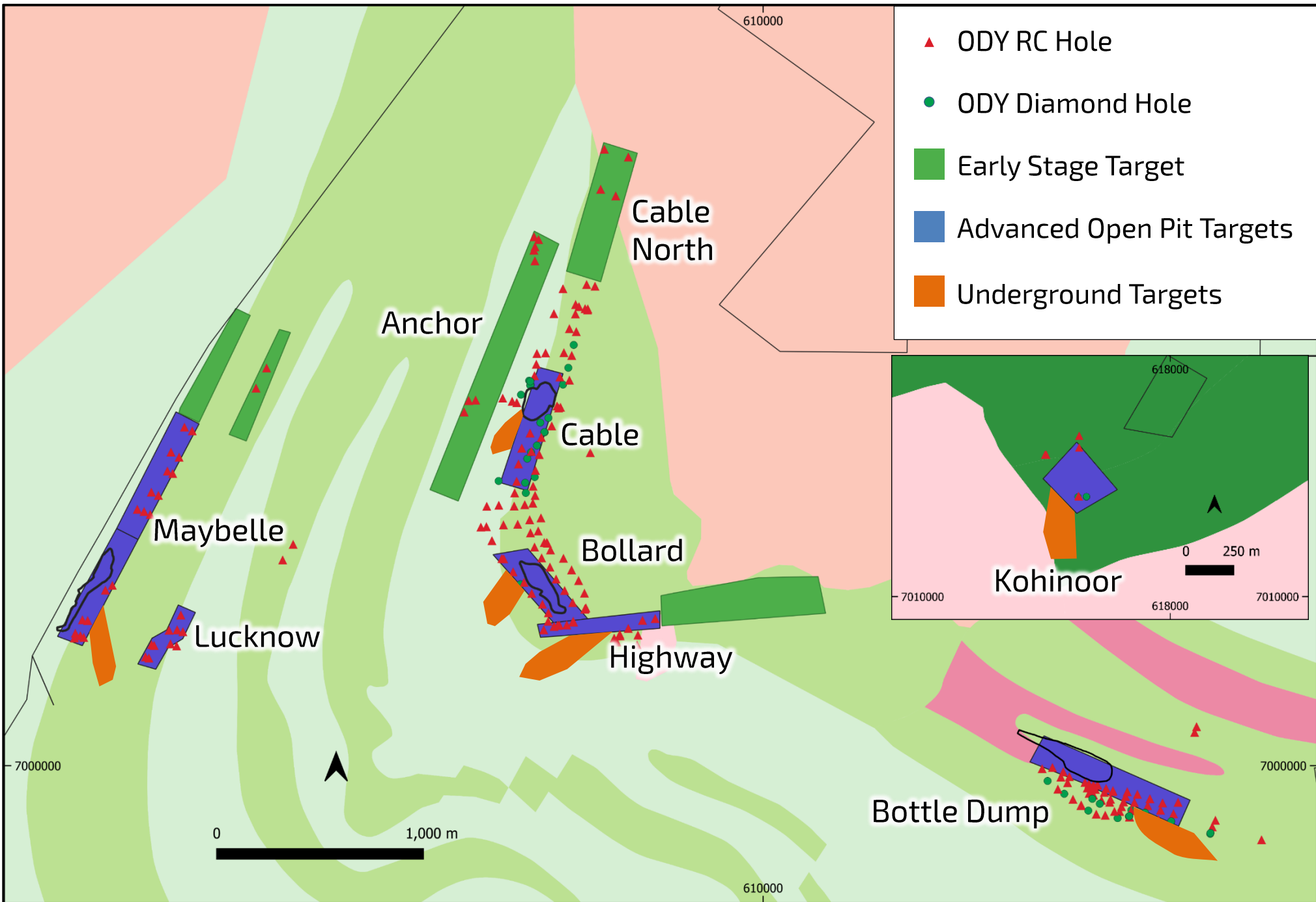
Highway Zone – 300m Long Mineralised Shoot defined

5 of 8 holes >25 gram metres - High grade with scale



300m long mineralised shoot continuous to 200m below surface

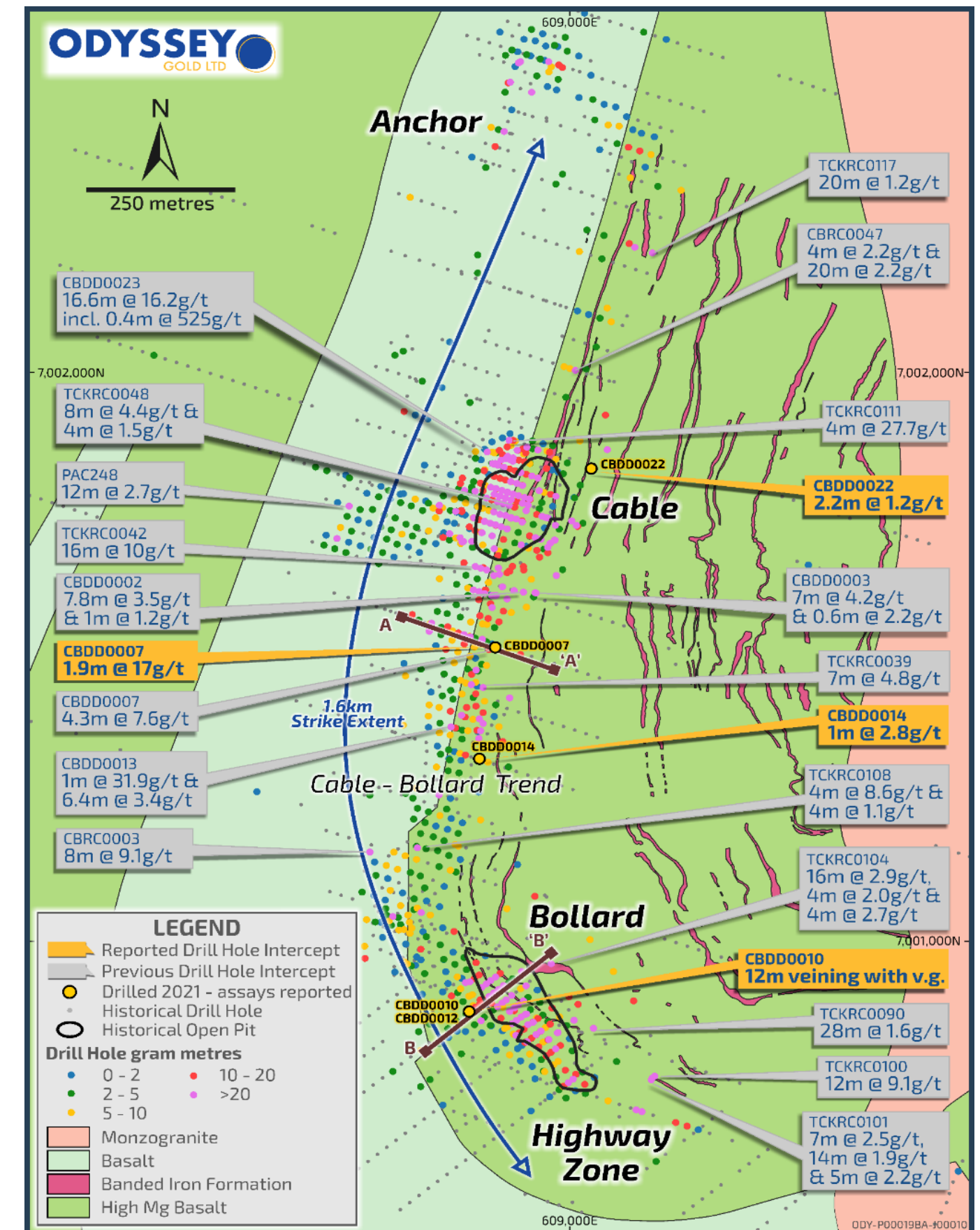
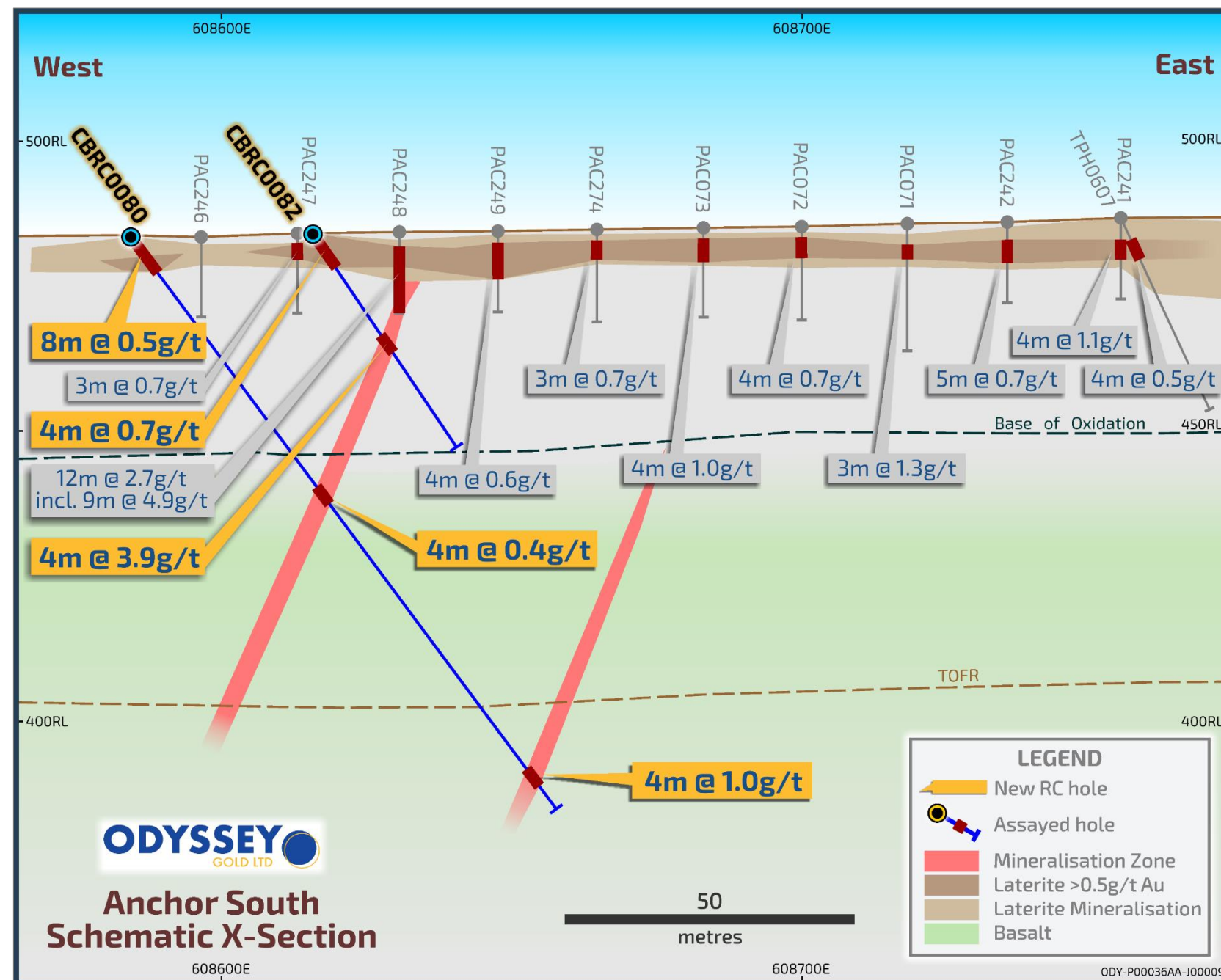
Substantial Open Pit Oxide Potential Drilled in 2022



Portfolio of advanced, shallow, quality oxide mineralisation targets and high-grade shoots

Significant Oxide Mining Potential

- 1km laterite mineralisation blanket along Cable-Bollard trend
- Thick oxide mineralisation at surface
- Low-cost processing options available including trucking to nearby mills



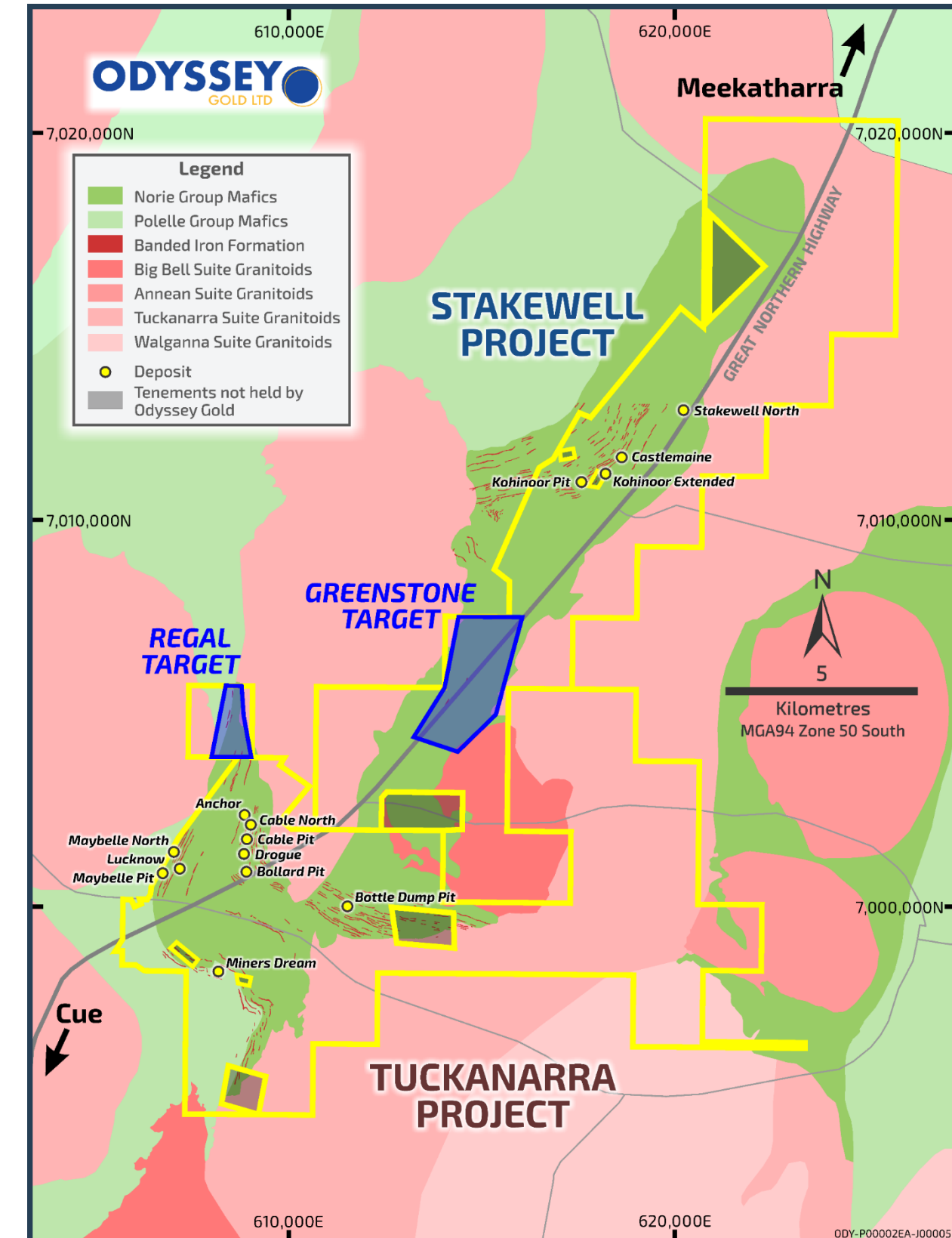
Large Scale Early-stage Targets

Greenstone Target

- Initial focus on 8km of the 18km long Singleton Formation greenstone between the Stakewell and Tuckanarra projects where folding for greenstones coincides with regional fault flexure.
- The Highway Greenstones are largely unexplored due to surface cover and no outcrop
- Similar stratigraphic sequences to those at the Reedy mining area (Westgold)
- Aircore/RAB with lithogeochem planned

Regal Target

- 1.8km of prospective stratigraphy with no drilling
- Historical gold workings, but no modern exploration
- Detailed mapping, soil sampling and RAB drilling are planned



Staged Exploration and Development Approach

- 1** Drill the along strike and underground extensions of the Highway Zone
- 2** Targeting several compelling extensions of the five historical high grade (3.4g/t) pits at Tuckanarra - substantial exploration success already achieved
- 3** Successful development of open pits and processing through regional mills will finance ongoing exploration of the emerging high grade shoot targets identified below the open pits
- 4** Pursue priority early-stage targets never previously drilled

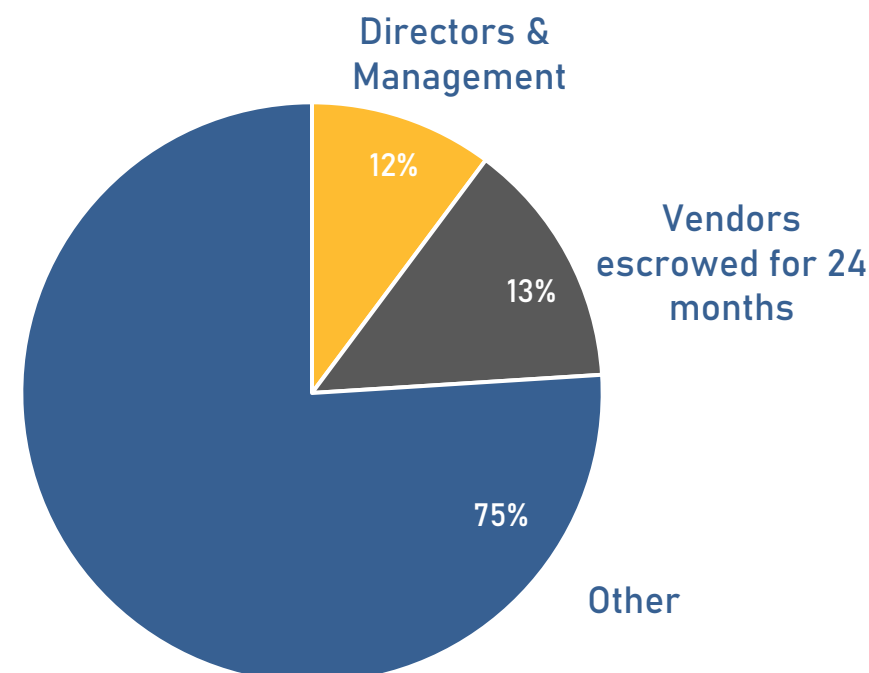
Board & Management with a proven track record

CAPITAL STRUCTURE

ODY SHARES ON ISSUE	612.43M
PRICE (as at 16/09/2022)	A\$0.037
MARKET CAPITALISATION	A\$22.6m
CASH (as at 30/06/2022)	A\$3.5m
OPTIONS AND PERFORMANCE RIGHTS	127.7m
PERFORMANCE SHARES (subject to vesting conditions) ⁱ	50.00m

ⁱ Subject to a delineation of an independently assessed JORC Code inferred resource of at least 200,000 ounces of gold at a minimum resource grade of 6.5g/t Au at the Project, within 30 months from completion of the Stakewell Acquisition.

OWNERSHIP STRUCTURE



BOARD OF DIRECTORS

Ian Middlemas – **Chairman**

Highly regarded Chairman and resources executive. Mr Middlemas is currently the Chairman of a number of publicly listed companies.

Matt Briggs – **Managing Director & CEO**

25-year career in gold exploration and development, WMC, Barrick, Group Head of Strategic Planning at Gold Fields, Managing Director of Prodigy Gold.

Levi Mochkin – **Director**

+30 years advising companies in the resources sector, identifying projects, raising \$1Billion + for mining projects. Mr Mochkin was a founder and director of Piedmont Lithium Ltd.

Matt Syme – **Director**

Chartered Accountant with +27 years' experience as an accomplished mining executive. Considerable experience in managing mining projects in a wide range of commodities and countries.

Robert Behets – **Director**

+30 years' experienced geologist with extensive corporate and management experience, including roles with WMC and Mantra Resources (Managing Director).

SENIOR MANAGEMENT

Steve Le Brun – **Geology Manager**

30+ years of international geology, corporate and management experience in base gold and specialty metals throughout Europe, Africa, the Americas, CIS and Australasia.

IMPORTANT INFORMATION

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COMPETENT PERSONS STATEMENT

The information in this presentation that relates to exploration results are extracted from the Company's ASX announcements dated 4 September 2020, 22 October 2020, 27 November 2020, 14 January 2021, 3 February 2021, 9 February 2021, 22 February 2021, 19 April 2021, 4 May 2021, 19 May 2021, 26 May 2021, 3 June 2021, 2 July 2021, 21 July 2021, 28 July 2021, 14 October 2021, 2 November 2021, 15 June 2022, 25 July 2022, 4 August 2022, 24 August 2022 and 1 September. These announcements are available to view on the Company's website at www.odysseygold.com.au.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original ASX announcements; that all material assumptions and technically parameters underpinning the content in the relevant ASX announcements continues to apply and have not materially changed; and that the form and context in which the relevant Competent Person's findings are presented have not been materially modified from the original ASX announcements.

This announcement has been approved in accordance with the Company's published continuous disclosure policy and authorised for release by the Managing Director.

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