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Green Delivers More High-Grade Niobium, and Gold Shows Up

Encounter Resources (ASX: ENR) ('Encounter' or **'the Company')** is pleased to announce high-grade intersections across the Green and Emily deposits at the Aileron Project in the West Arunta. Additionally, multiple holes have returned gold anomalism within the zones of niobium mineralisation.

Key Highlights:

- **Thick, high-grade niobium intersections across Green, materially above MRE grade:** aircore drilling at Green has returned thick zones of high-grade mineralisation including:
  - **9m @ 5.6% Nb_2O_5** from 81m within **25m @ 3.3% Nb_2O_5** from 80m to **EOH** (EAL1491)
  - **19m @ 4.3% Nb_2O_5** from 55m within **49m @ 2.3% Nb_2O_5** from 48m to **EOH** (EAL1483)
  - **14m @ 3.3% Nb_2O_5** from 37m within **33m @ 1.7% Nb_2O_5** from 33m to **EOH** (EAL1470)
  - **10m @ 3.9% Nb_2O_5** from 130m within **43m @ 1.7% Nb_2O_5** from 121m (EAL1605)
- **Emily carbonatite extended ~40m deeper:** first diamond hole intersects weathered carbonatite ~40m below the previous aircore limit and ends in primary mineralisation**:**
  - **2.6m @ 2.5% Nb_2O_5** from 59.4m within **45.8m @ 0.7% Nb_2O_5 from 51.2m** (EAL2220)
- **Gold mineralisation identified** in the carbonatites associated with high-grade niobium mineralisation. Results include:
  - **7m @ 0.5g/t Au** and **2.7% Nb_2O_5** from 63m to **EOH** (EAL1421 - Green)
  - **11m @ 0.4g/t Au** and **1.4% Nb_2O_5** from 73m (EAL1483 - Green)
  - **2m @ 1.1g/t Au** and **2.8% Nb_2O_5** from 56m (EAL259 – Emily)
  - Investigations underway on the source, extent and significance of the gold mineralisation as a potential co-product. Significant gold analysis program planned initially across the Green Deposit area.
- **Diamond drilling continues across Green's potential starter pits, with a significant number of holes at the lab, plus regional and gold re-assay results to come**

Managing Director, Will Robinson, comments:

"The infill program at Green continues to demonstrate the incredible potential for high-grade zones within the resource base, particularly in key potential starter pit areas.

Assaying recent aircore drilling through Green and Emily for gold has returned highly anomalous gold results, particularly in areas where there is high-grade niobium. The gold mineralisation occurring in the carbonatite intrusions is a pleasant surprise. We don't know how significant it could be yet but the handful of holes assayed for gold so far is encouraging.

We have begun a re-assaying program and mineralogical analysis to determine the extent of this mineralisation and its economic potential."

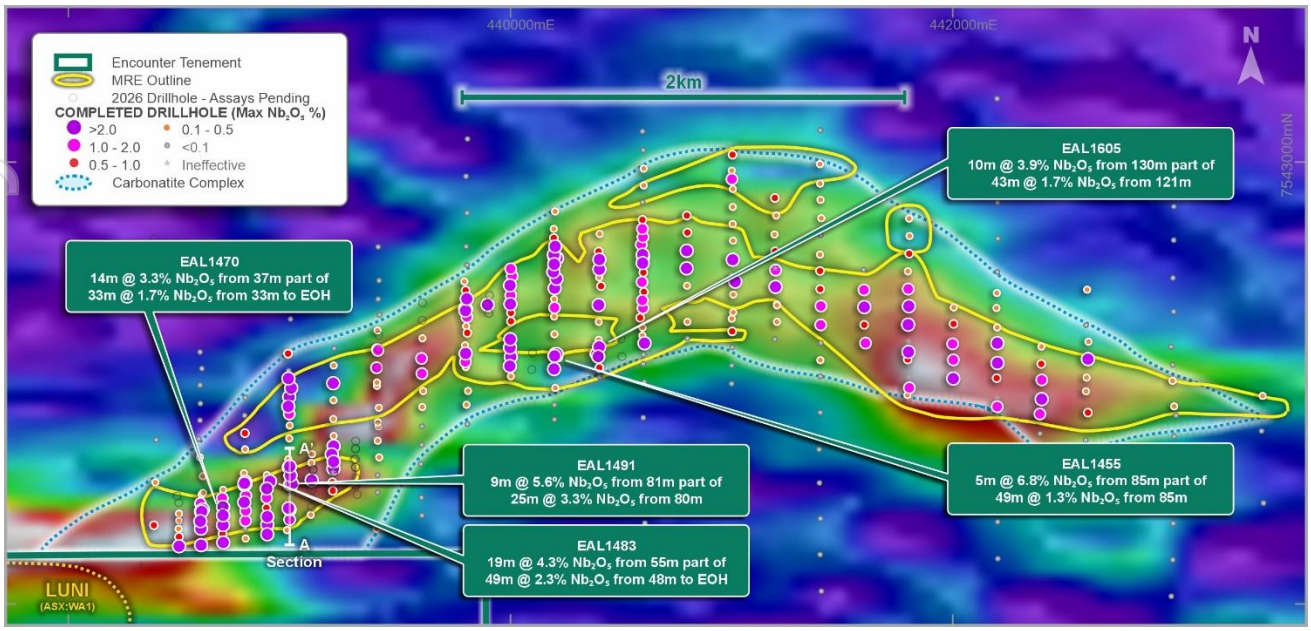


Figure 1 – Green Deposit – Niobium – AEM Layered Earth Inversion (LEI) DS55[1] – 2026 Green drilling results

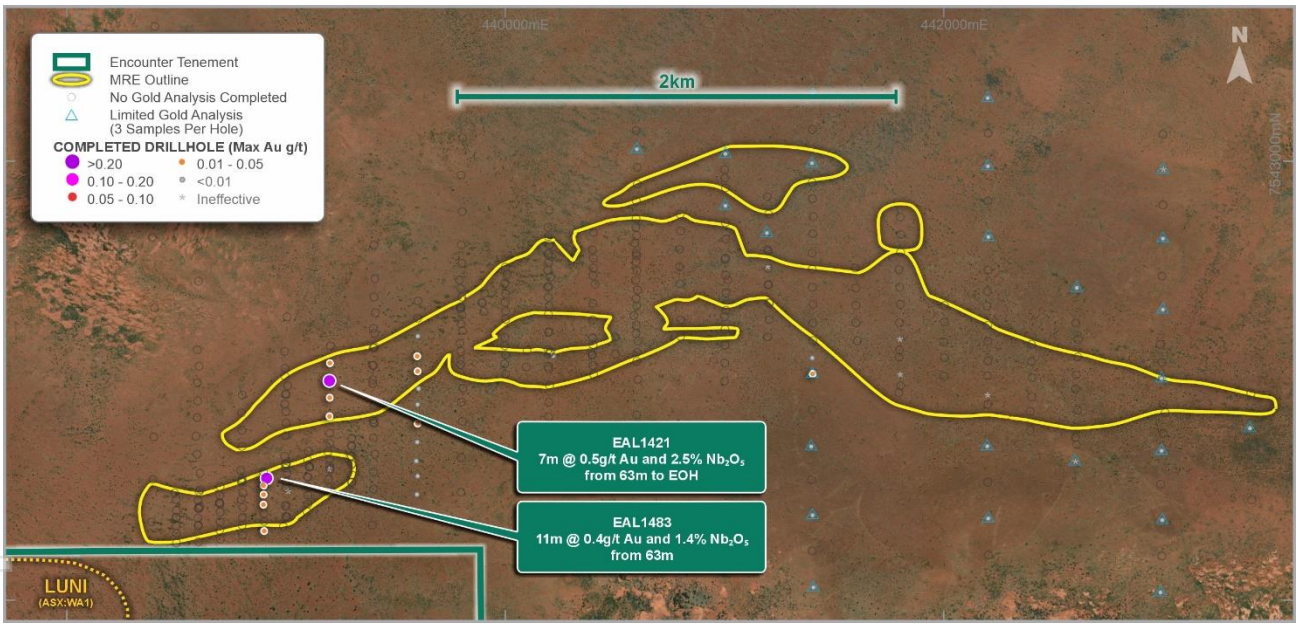


Figure 2 – Green Deposit – Gold – The majority of drillholes have not been assayed for gold

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Green Starter Pit Upgrade Drilling

Green is a wide, strike extensive deposit which hosts an Inferred MRE of 19Mt @ 1.6 Nb_2O_5 (1.0% Nb_2O_5 cut-off) within 100Mt @ 0.71% Nb_2O_5 (0.25% Nb_2O_5 cut-off)[1].

Shallow aircore drilling has been utilised to determine high-grade zones within the Green deposit ahead of follow up diamond drilling to delineate the complete vertical extent of the oxide deposit, and initial exploration for primary mineralisation, which is not currently included in the MRE.

Key new results from shallow aircore drilling across Green include:

- **9m @ 5.6% Nb_2O_5** from 81m within **25m @ 3.3% Nb_2O_5** from 80m to end of hole **(EOH)** (EAL1491)
- **19m @ 4.3% Nb_2O_5** from 55m within **49m @ 2.3% Nb_2O_5** from 48m to **EOH** (EAL1483)
- **14m @ 3.3% Nb_2O_5** from 37m within **33m @ 1.7% Nb_2O_5** from 33m to **EOH** (EAL1470)
- **10m @ 3.9% Nb_2O_5** from 130m within **43m @ 1.7% Nb_2O_5** from 121m (EAL1605)
- **5m @ 6.8% Nb_2O_5** from 85m within **49m @ 1.3% Nb_2O_5** from 85m (EAL1455)
- **8m @ 2.5% Nb_2O_5** from 62m to **EOH** (EAL1421)

These results build upon prior results released from the 2026 drill program at the Green deposit including[2,3]:

- **51m @ 5.0% Nb_2O_5** from 63m including **6m @ 9.1% Nb_2O_5** from 66m and **13m @ 10.4% Nb_2O_5** from 80m (EAL1513)
- **53m @ 2.9% Nb_2O_5** from 79m to **EOH**, incl. **7m @ 5.0% Nb_2O_5** from 81m, and **20m @ 3.8% Nb_2O_5** from 107m (EAL1452)
- **38m @ 2.1% Nb_2O_5** from 41m, incl. **5m @ 4.1% Nb_2O_5** from 41m (EAL1453)
- **75m @ 2.4% Nb_2O_5** from 43m to **EOH**, incl. **21m @ 3.4% Nb_2O_5** from 43m (EAL1454)
- **72m @ 2.0% Nb_2O_5** from 47m, incl. **19m @ 3.4% Nb_2O_5** from 63m (EAL1456)

These results demonstrate the substantial upside to the existing MRE, with potential to increase both tonnes and grade within the existing deposit areas with infill and extensional drilling.

There are a significant number of diamond holes in the lab for assay and diamond drilling is ongoing throughout the potential starter pit areas at Green.

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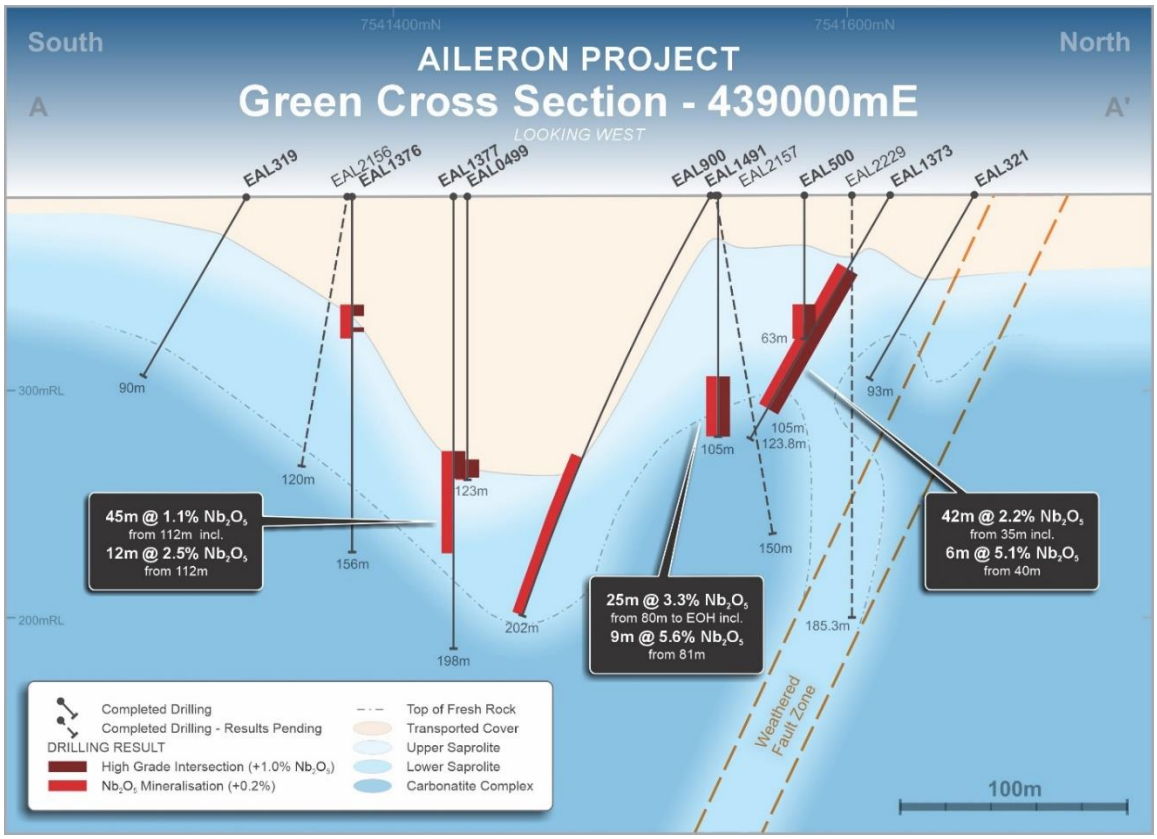


Figure 3 – Green Deposit 438700E – Cross Section A-A'

Emily Mineralisation Extends at Depth

The Emily deposit currently has an Inferred Mineral Resource Estimate (MRE) of 3.5Mt @ 1.9% Nb_2O_5 (1.0% Nb_2O_5 cut-off) within 14Mt @ 0.93% Nb_2O_5 (0.25% Nb_2O_5 cut-off)[1].

Drilling at Emily has predominantly been aircore drilling, with many holes ending in mineralisation. A diamond drill hole (EAL2220) was completed at Emily to determine the depth potential of the enriched weathered carbonatite and intersect the primary mineralisation below to assist in determining the controls on mineralisation. Results from EAL2220 include:

- **2.6m @ 2.5% Nb_2O_5** from 59.4m within **45.8m @ 0.7% Nb_2O_5 from 51.2m**

EAL2220 extended the weathered carbonatite by approximately 40m (vertical depth) in this area which is below the current MRE wireframe providing potential to expand tonnage of the Emily deposit.

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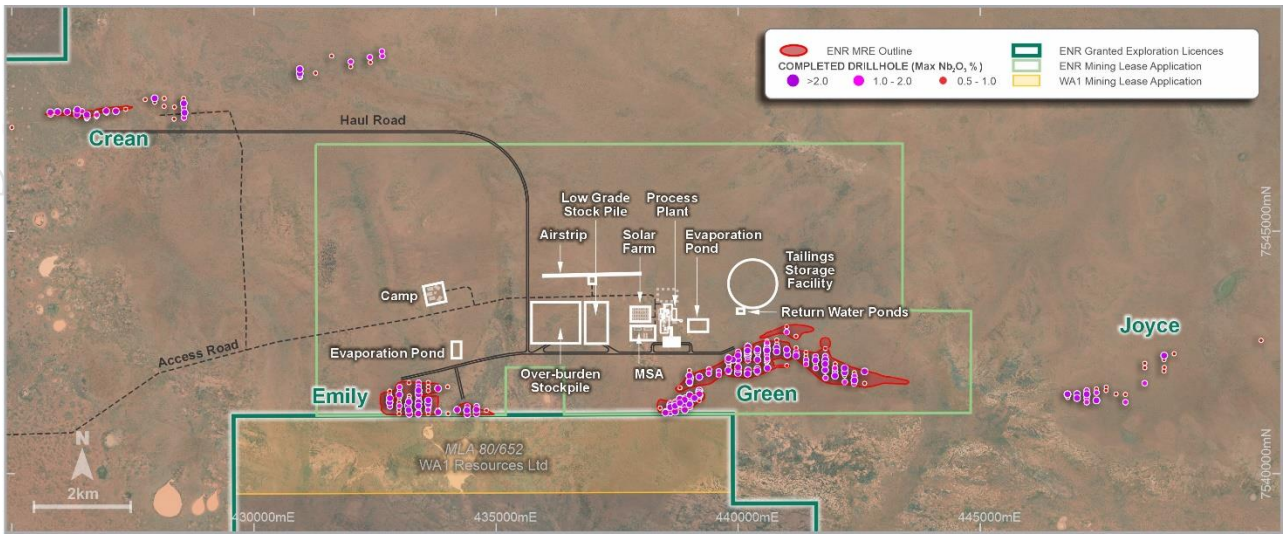


Figure 4 – Conceptual Site Layout for the Aileron Project

Gold at Aileron

Following the identification of gold anomalism in parts of the Emily deposit, the Company submitted a limited number of Green aircore drill holes for gold analysis.

The results demonstrate gold anomalism across the deposit areas, with the highest-grade gold intersections often correlating with high-grade niobium mineralisation. Significant intersections include:

- **7m @ 0.5g/t Au** and **2.7% Nb_2O_5** from 63m to **EOH** (EAL1421 - Green)
- **11m @ 0.4g/t Au** and **1.4% Nb_2O_5** from 63m (EAL1483 - Green)
- **2m @ 1.1 g/t Au** and **2.8% Nb_2O_5** from 56m (EAL259 – Emily)

The Company has begun re-assaying prior holes within the deposit areas for gold. TIMA analysis is also underway to determine the mineralogy of the higher-grade gold intersections at Green. The potential to extract the gold as a co-product will be included in future metallurgical test work.

As more results are received the Company will be able to form a view on the potential economic significance of the gold within the deposits.

Strong Flow of Results to Continue

- **Green Niobium:** diamond drilling assays from infill and extensional drilling across high-grade potential starter pit areas, including testing of primary mineralisation below the current resource
- **Gold:** re-assaying of prior drilling at Green, and mineralogical (TIMA) analysis of the gold
- **Regional:** aircore assay results from high-priority targets across the Aileron tenure
- **Key pre-development activities** completed through the year to support project studies and the permitting process including geotechnical and hydrogeological drilling, flora, fauna and heritage surveys. Metallurgical test work, engineering and various study streams remain ongoing

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-ENDS-

This announcement has been approved for release by the Board of Directors of Encounter Resources Limited.

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Strategic Review of Copper Assets

A strategic review of Encounter's extensive copper project portfolio is evaluating opportunities to realise greater value from these assets and accelerate their advancement. The portfolio includes:

- **Yeneena, Paterson Province, WA (100%):** The 8km long Parbo copper system hosts the shallow Tyrell Inferred MRE of 2.9Mt @ 0.8% Cu (surface to 50m)[4]. Recent RC drilling has extended the extensive copper oxide blanket at Parbo[5], and diamond drilling has identified a significant new structural corridor with multiple open copper sulphide targets[6]
- **Lamil, Paterson Province, WA (100%):** Strategically located 25km northwest of Greatland's Telfer gold-copper mine. Drilling has returned high-grade copper at Dune, including 1.5m @ 19.1% Cu from 409.1m[7], and shallow copper-gold mineralisation at Elsa.
- **Jessica, NT (South32 farm-in):** Covers ~8,700km² along key structural corridors east of Tennant Creek, prospective for sediment-hosted copper and IOCG. South32 is drill-testing priority geophysical targets with RC and diamond drilling.
- **Sandover, NT (100%):** Copper-bearing shales have been mapped for more than 20km, with surface samples up to 20.9% Cu[8,9]. An NTGS co-funded passive seismic survey commenced in October 2026.
- **Sediment-hosted copper, WA and NT (100%):** Encounter holds one of the largest copper exploration land packages in the NT, including Maryfield and Broadmere on the margins of the Beetaloo Basin, with drill-ready targets. In WA, Ward is a large-scale, underexplored copper project covering more than 1,870km² of the Salvation Basin, where Rio Tinto and Teck have both recently applied for adjacent ground.

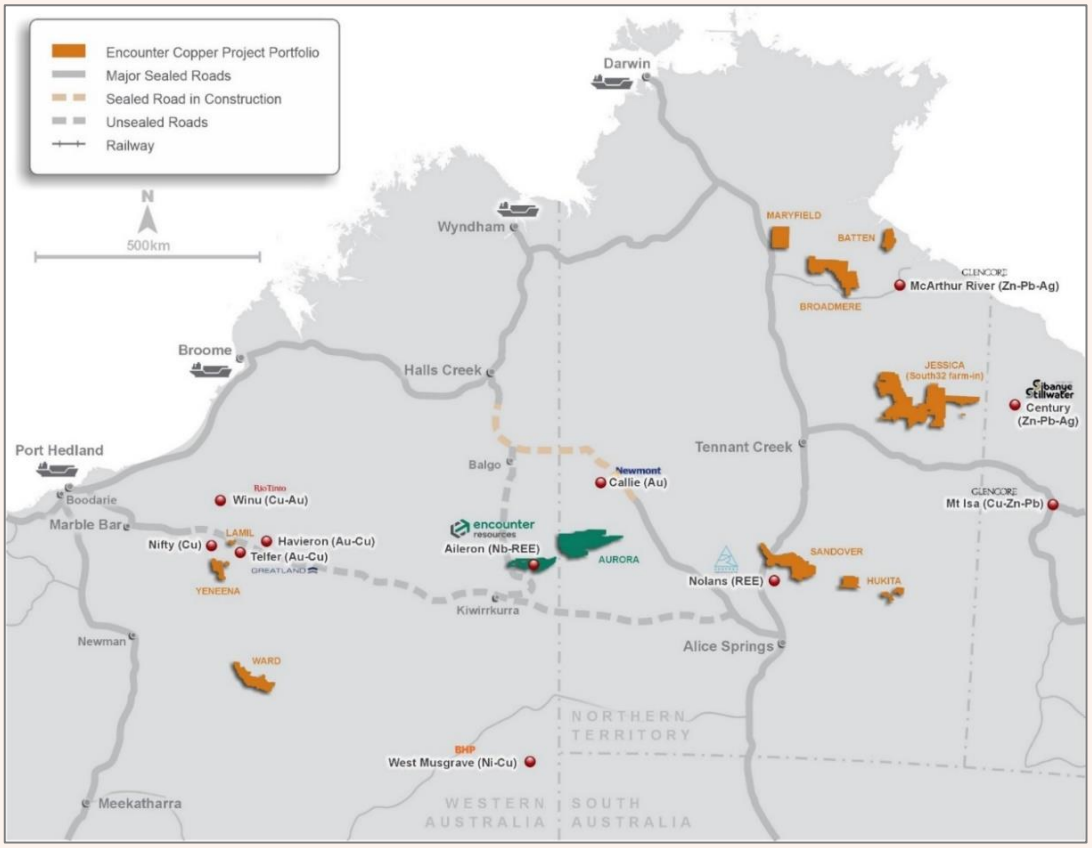


Figure 5 – Encounter Project Portfolio Location Plan

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About Encounter

Encounter Resources Limited (ASX:ENR) is advancing the Aileron Project, a globally significant niobium discovery in the emerging West Arunta province of Western Australia.

The Aileron Inferred Resource has grown to 120Mt @ 0.77% Nb_2O_5, containing a high-grade resource of 26Mt @ 1.7% Nb_2O_5, providing a strong foundation for a potential long-life, high-grade mining operation. Encounter received the 2025 AMEC Prospector Award Winner for the Aileron niobium-REE discovery.

The Company is also advancing an extensive portfolio of 100%-owned projects, located in some of Australia's most prospective mineral belts, focused on the discovery of major copper/gold deposits.

Encounter's strategy is centred on high-impact mineral discovery in Tier 1 jurisdictions, leveraging strong technical capability and a proven track record of attracting leading industry partners.

	0.25% Nb_2O_5 cut-off						
Deposit	Tonnage (Mt)	Nb_2O_5 (%)	Nb_2O_5 (kt)	TREO (%)	TREO (kt)	P_2O_5 (%)	P_2O_5 (kt)
Green	100	0.71	711	0.34	341	5.4	5,401
Emily	13.9	0.93	130	0.32	45	7.4	1,035
Crean	5.7	1.4	78	0.84	48	7.4	423
Total	**120**	**0.77**	**919**	**0.36**	**433**	**5.7**	**6,858**
	1.0% Nb_2O_5 cut-off (subset of 0.25% Nb_2O_5 cut-off)						
Deposit	Tonnage (Mt)	Nb_2O_5 (%)	Nb_2O_5 (kt)	TREO (%)	TREO (kt)	P_2O_5 (%)	P_2O_5 (kt)
Green	19	1.6	291	0.46	86	7.8	1,472
Emily	3.7	1.9	71	0.61	22	11.2	414
Crean	3.5	1.9	67	1.1	36	8.2	283
Total	**26**	**1.7**	**430**	**0.56**	**146**	**8.4**	**2,173**

Table 1 – Aileron Project Inferred Mineral Resource Estimate[1]

Inferred Mineral Resource Estimate (JORC 2012)			
Domain	**Tonnes (Mt)**	**Copper Grade (%)**	**Contained Copper Metal (kt)**
HG	1.1	1.27%	14.0
LG	1.7	0.48%	8.2
Total	**2.9**	**0.79%**	**22.6**

Table 2 – Tyrell Copper Oxide Mineral Resource Estimate[4]

Notes

Table 1:

- *The resource is constrained within optimised pit shells based on a price of US$45 per kilogram Nb (US$30/kg FeNb) and is reported above a 0.25% Nb_2O_5 cut-off grade.*
- *The resource reported above a 1% Nb_2O_5 cut-off grade is a subset of the 0.25% Nb_2O_5 cut-off grade.*

- *All figures are rounded to reflect appropriate levels of confidence. Apparent differences may occur due to rounding.*

Table 2

- *The resource is constrained within an optimised pit shell based on a Cu price of A$17,000 per tonne and is reported above a 0.25% Cu cut-off grade.*
- *All tonnages reported are dry metric tonnes.*

The information in this report that relates to Exploration Results is based on information compiled by Mr Mark Brodie, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Brodie holds shares and options in and is a full time employee of Encounter Resources Ltd and has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Brodie consents to the inclusion in the report of the matters based on the information compiled by him, in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases and confirms that it is not aware of any new data or information that materially affects the information disclosed in this announcement and previously released by the Company in relation to mineral resource estimates. All material assumptions and technical parameters underpinning the mineral resource estimates in the relevant market announcements 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 market announcements.

[1] ENR ASX announcement 22 April 2026
[2] ENR ASX announcement 17 September 2026
[3] ENR ASX announcement 25 August 2026
[4] ENR ASX announcement 26 September 2025
[5] ENR ASX announcement 29 September 2026
[6] ENR ASX announcement 15 October 2026
[7] ENR ASX announcement 15 October 2026
[8] ENR ASX announcement 15 October 2026
[7] For further details regarding the exploration results at the Lamil Copper-Gold Project, please refer to the following ASX announcements:

ASX announcement 26 April 2017
ASX announcement 19 January 2017
ASX announcement 8 May 2020
ASX announcement 11 June 2020
ASX announcement 18 December 2020
ASX announcement 21 April 2021
ASX announcement 6 September 2021
ASX announcement 16 November 2021
ASX announcement 28 December 2022

[8] ASX announcement 9 June 2022
[9] ASX announcement 16 December 2021

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Hole ID	from (m)	to (m)	interval (m)	Nb_2O_5 %	TREO %	$Nd_2O_3+Pr_2O_3$ (ppm)	$Tb_2O_3+Dy_2O_3$ (ppm)	NdPr/TREO	DyTb/TREO	P_2O_5 %	Prospect
EAL1420	30	52	22	0.26	0.16	350	23	21.3	1.5	0.7	GREEN
EAL1421	62	70*	8	2.47	0.64	1571	87	24.6	1.5	27.8	GREEN
and	63	70*	7	2.74	0.70	1739	94	24.8	1.3	31.4	GREEN
EAL1424	41	73	32	0.21	0.06	135	12	21.6	1.9	0.3	GREEN
and	99	101	2	0.22	0.21	468	34	22.4	1.6	10.5	GREEN
and	119	121	2	0.22	0.24	521	39	21.6	1.6	7.9	GREEN
EAL1425	27^	55	28	0.38	0.32	683	50	21.3	1.6	1.9	GREEN
incl	29	33	4	1.18	0.93	1982	135	21.2	1.5	5.0	GREEN
EAL1425	47	55	8	0.20	0.15	318	25	21.4	1.7	1.3	GREEN
EAL1426	29	113	84	0.61	0.24	529	30	21.8	1.4	3.6	GREEN
incl	35	41	6	1.48	0.92	2055	117	22.4	1.3	5.2	GREEN
also incl	93	99	6	1.21	0.39	841	46	21.5	1.2	9.3	GREEN
also incl	103	105	2	1.23	0.96	2017	91	21.0	1.0	10.5	GREEN
EAL1427	36	74	38	0.21	0.08	167	14	21.2	1.9	0.3	GREEN
EAL1455	85	134	49	1.28	0.34	849	41	23.1	1.2	2.2	GREEN
incl	85	90	5	6.81	1.99	5213	246	25.8	1.2	4.8	GREEN
also incl	89	90	1	1.05	0.20	437	20	22.3	1.0	3.6	GREEN
also incl	104	112	8	1.33	0.29	693	33	23.9	1.2	1.6	GREEN
also incl	115	116	1	1.67	0.29	679	25	23.5	0.9	2.1	GREEN
and	139	156	17	0.27	0.08	176	11	20.7	1.3	4.4	GREEN
EAL1457	67	103	36	1.10	0.26	617	37	23.8	1.6	7.4	GREEN
incl	67	74	7	1.60	0.39	917	51	23.6	1.3	8.9	GREEN
also incl	83	84	1	1.08	0.08	178	14	22.7	1.7	1.6	GREEN
also incl	91	97	6	2.54	0.50	1244	71	25.0	1.4	18.0	GREEN
EAL1458	77	93	16	0.49	0.35	730	57	20.9	1.6	8.3	GREEN
and	100	102	2	0.21	0.37	765	55	20.7	1.5	13.6	GREEN
and	106	107	1	0.21	0.61	1269	93	20.7	1.5	16.2	GREEN
and	109	110	1	0.21	0.54	1129	82	20.8	1.5	15.3	GREEN
and	124	147	23	0.30	0.35	737	50	21.2	1.4	10.2	GREEN
and	151	156	5	0.23	0.45	920	69	20.5	1.5	10.4	GREEN
EAL1461	33	34	1	0.38	0.07	93	12	14.0	1.7	0.1	GREEN
EAL1465	64	126	62	0.83	0.34	751	44	22.2	1.3	7.6	GREEN
incl	65	72	7	2.01	0.65	1415	88	21.8	1.4	11.0	GREEN
also incl	68	72	4	2.73	0.74	1666	104	22.5	1.4	16.9	GREEN
also incl	84	98	14	1.69	0.59	1318	82	22.3	1.4	15.8	GREEN
also incl	86	90	4	2.14	0.71	1591	104	22.3	1.5	19.9	GREEN
also incl	113	114	1	1.14	0.25	546	31	21.8	1.2	6.5	GREEN
also incl	119	123	4	1.53	0.55	1187	66	21.6	1.2	8.7	GREEN
and	133	192*	59	0.70	0.32	706	40	22.3	1.3	7.2	GREEN
incl	134	135	1	2.00	0.25	553	27	22.1	1.1	6.5	GREEN
also incl	140	141	1	1.05	0.43	956	52	22.1	1.2	9.8	GREEN
also incl	159	168	9	1.24	0.44	967	51	22.0	1.2	10.1	GREEN
also incl	159	165	6	1.42	0.50	1090	56	21.9	1.1	11.1	GREEN

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EAL1466	28	29	1	0.26	0.10	232	15	23.0	1.5	2.4	GREEN
and	31	43*	12	1.09	0.30	688	32	23.2	1.1	14.1	GREEN
EAL1467	36	43*	7	0.47	0.13	313	16	23.8	1.2	5.3	GREEN
EAL1468	37	47*	10	1.38	0.30	739	34	24.3	1.2	12.6	GREEN
incl	39	47*	8	1.49	0.32	778	36	24.4	1.2	14.5	GREEN
EAL1469	37	45*	8	1.44	0.32	758	48	23.7	1.5	12.6	GREEN
EAL1470	33	66*	33	1.73	0.44	963	70	21.8	1.5	9.4	GREEN
incl	37	51	14	3.35	0.46	1005	75	21.8	1.6	10.3	GREEN
also incl	38	46	8	4.06	0.74	1618	122	21.8	1.7	17.6	GREEN
also incl	61	62	1	1.04	0.27	572	41	21.4	1.5	6.3	GREEN
also incl	64	65	1	1.10	0.23	505	40	21.7	1.7	5.5	GREEN
EAL1471	35	36	1	0.32	0.08	142	7	17.5	0.9	0.3	GREEN
and	44	63*	19	0.59	0.30	684	44	23.4	1.5	8.8	GREEN
incl	60	63*	3	1.32	0.32	714	51	22.1	1.6	9.2	GREEN
EAL1472	53	54	1	0.20	0.06	145	9	23.5	1.5	2.1	GREEN
EAL1473	41	83	42	0.56	0.13	299	18	22.2	1.4	21.0	GREEN
incl	42	45	3	1.45	0.50	1097	67	22.1	1.4	12.4	GREEN
also incl	55	56	1	1.44	0.09	172	7	19.9	0.8	27.1	GREEN
also incl	67	68	1	1.05	0.09	199	14	22.0	1.6	26.9	GREEN
and	92	114*	22	0.28	0.04	68	3	19.3	0.9	9.1	GREEN
incl	95	96	1	1.00	0.04	79	5	18.3	1.0	14.2	GREEN
EAL1474	45	60	15	0.61	0.09	177	13	20.8	1.6	10.0	GREEN
incl	50	51	1	1.23	0.10	210	15	21.2	1.5	9.1	GREEN
and	84	103	19	0.37	0.02	39	2	21.0	1.1	4.8	GREEN
and	108	110	2	0.36	0.07	116	4	17.5	0.7	5.8	GREEN
and	115	126	11	0.44	0.09	219	13	23.6	1.4	15.0	GREEN
EAL1477	30	43	13	0.81	0.38	635	23	17.5	0.7	9.5	GREEN
incl	33	36	3	2.42	0.52	899	46	17.6	0.9	19.2	GREEN
and	57	58	1	0.22	0.10	207	8	19.9	0.7	2.0	GREEN
and	71	72	1	0.22	0.13	257	7	19.2	0.6	2.9	GREEN
and	80	81	1	0.21	0.39	578	7	14.7	0.2	2.1	GREEN
EAL1478	53	63*	10	1.87	0.38	666	30	17.3	0.8	27.7	GREEN
incl	53	59	6	2.75	0.50	886	42	17.6	0.9	27.2	GREEN
EAL1479	77	94*	17	1.62	0.26	559	47	21.3	1.8	25.6	GREEN
incl	78	92	14	1.79	0.27	578	51	21.0	1.9	27.6	GREEN
EAL1480	100	105	5	0.40	0.05	89	7	19.4	1.8	4.2	GREEN
and	111	112	1	0.33	0.04	73	5	19.7	1.4	3.2	GREEN
and	120	126*	6	0.35	0.06	125	8	20.8	1.4	22.3	GREEN
EAL1481	68	90*	22	0.52	0.38	897	45	23.6	1.2	10.0	GREEN
incl	70	72	2	1.41	1.49	3449	157	23.1	1.1	29.2	GREEN
also incl	86	87	1	1.07	0.23	571	31	24.4	1.3	7.8	GREEN
EAL1482	47	56*	9	1.19	0.65	1460	75	22.1	1.1	13.4	GREEN
incl	48	56*	8	1.31	0.72	1627	84	22.4	1.1	15.0	GREEN
EAL1483	48	97*	49	2.32	0.91	1987	146	22.0	1.6	14.9	GREEN

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incl	50	85	35	2.99	1.17	2561	191	21.8	1.6	18.8	GREEN
also incl	54	73	19	4.27	1.47	3206	242	22.7	1.6	21.3	GREEN
EAL1484	29	30	1	0.25	0.11	171	6	16.1	0.5	0.4	GREEN
and	49	50	1	0.28	0.02	30	3	19.0	1.9	1.0	GREEN
and	52	53	1	0.22	0.02	41	2	21.6	1.2	0.8	GREEN
and	61	65*	4	0.24	0.10	248	14	24.1	1.4	3.2	GREEN
and	68	69	1	0.20	0.08	187	15	24.1	1.9	2.1	GREEN
and	71	72	1	0.30	0.08	199	10	25.2	1.2	3.3	GREEN
and	76	77	1	0.23	0.16	406	18	24.7	1.1	6.9	GREEN
and	88	89	1	0.27	0.03	78	3	23.2	1.0	1.2	GREEN
and	92	93	1	0.22	0.09	222	10	24.5	1.1	3.6	GREEN
EAL1491	80	105*	25	3.31	1.10	2576	120	24.3	1.4	12.2	GREEN
incl	81	105*	24	3.44	1.14	2669	124	24.3	1.4	12.6	GREEN
also incl	81	90	9	5.62	2.33	5330	219	22.9	1.0	6.9	GREEN
EAL1494	50	51	1	0.22	0.45	794	14	17.7	0.3	0.3	GREEN
EAL1498	76	84*	8	1.50	0.57	1331	69	23.2	1.2	17.5	GREEN
incl	77	83	6	1.68	0.63	1488	77	23.4	1.2	19.8	GREEN
EAL1500	57	58	1	0.27	0.05	101	6	21.3	1.2	1.0	GREEN
and	78	79	1	0.22	0.06	134	6	21.8	1.0	2.6	GREEN
and	83	84	1	0.24	0.11	256	11	23.6	1.0	4.9	GREEN
and	117	118*	1	0.40	0.10	242	12	24.1	1.2	3.4	GREEN
EAL1501	52	53	1	0.22	0.35	595	26	16.9	0.7	2.3	GREEN
EAL1566	40	93*	53	0.85	0.32	741	44	23.3	1.4	8.4	GREEN
incl	42	43	1	1.03	0.44	1042	73	23.8	1.7	2.0	GREEN
also incl	69	83	14	1.78	0.51	1223	67	23.8	1.3	17.7	GREEN
EAL1570	36	68*	32	1.17	0.27	588	32	21.5	1.3	2.6	GREEN
incl	46	68*	22	1.58	0.30	672	34	21.9	1.2	2.8	GREEN
also incl	53	65	12	2.04	0.40	912	43	22.4	1.1	2.2	GREEN
EAL1571	43	49	6	0.25	0.03	58	10	21.0	3.5	0.2	GREEN
and	78	89	11	0.53	0.29	694	41	23.8	1.4	9.9	GREEN
and	93	102*	9	1.27	0.38	942	48	24.6	1.2	15.0	GREEN
incl	95	102*	7	1.44	0.41	995	51	24.6	1.3	16.2	GREEN
EAL1572	39^	52	13	0.40	0.36	782	58	21.7	1.7	1.4	GREEN
and	62	64	2	0.22	0.07	161	11	22.2	1.6	1.1	GREEN
and	89	90	1	0.25	0.07	165	13	22.2	1.8	1.1	GREEN
EAL1573	48	52	4	0.22	0.08	178	10	22.8	1.3	1.0	GREEN
EAL1573	56	84	28	0.60	0.24	576	31	24.6	1.3	5.0	GREEN
incl	75	80	5	1.51	0.48	1119	64	23.2	1.4	11.2	GREEN
EAL1574	45	80	35	0.63	0.25	591	35	23.6	1.5	9.3	GREEN
incl	57	65	8	1.21	0.44	1075	55	24.4	1.3	17.0	GREEN
and	88	89	1	0.21	0.02	39	4	20.3	2.1	0.4	GREEN
EAL1604	149	157*	8	0.50	0.18	448	23	24.4	1.2	0.4	GREEN
EAL1605	79	80	1	0.24	0.09	163	7	17.8	0.8	0.2	GREEN
and	109	111	2	0.22	0.05	101	3	21.0	0.6	0.6	GREEN

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and	121	183*	62	1.25	0.17	374	19	20.9	1.2	2.0	GREEN
incl	121	164*	43	1.70	0.18	417	21	21.8	1.2	1.8	GREEN
also incl	126	156	30	2.28	0.23	533	26	22.2	1.2	1.9	GREEN
also incl	130	140	10	3.94	0.39	934	42	23.5	1.1	2.0	GREEN
and	190	195*	5	0.39	0.10	178	9	18.2	1.0	1.2	GREEN
EAL1609	91	161*	70	0.63	0.29	645	40	22.8	1.4	6.7	GREEN
incl	92	96	4	1.20	0.55	1201	69	21.9	1.3	10.5	GREEN
also incl	102	104	2	1.48	0.55	1264	60	23.1	1.1	16.3	GREEN
also incl	118	119	1	1.18	0.54	1189	70	22.0	1.3	10.3	GREEN
ak	126	137	11	1.24	0.39	902	54	23.0	1.4	10.3	GREEN
ak	144	146	2	1.15	0.41	941	57	22.9	1.4	10.7	GREEN
EAL1625	38	114*	76	0.79	0.34	777	44	22.8	1.3	5.5	GREEN
incl	40	41	1	1.54	0.64	1370	73	21.3	1.1	1.7	GREEN
also incl	52	57	5	1.59	0.56	1298	71	23.2	1.3	8.4	GREEN
also incl	93	101	8	1.29	0.48	1100	56	23.0	1.2	12.5	GREEN
EAL1978	50	52	2	0.27	0.02	35	4	16.5	1.7	0.0	EMILY
EAL1986	68	70	2	0.21	0.17	358	25	20.8	1.5	0.8	EMILY
and	76	90	14	0.28	0.08	200	13	25.3	1.6	0.5	EMILY
and	100	105*	5	0.50	0.36	815	47	22.9	1.4	1.2	EMILY
EAL1988	84	100	16	0.32	0.09	225	11	23.7	1.1	3.9	EMILY
and	108	112	4	0.28	0.21	482	20	23.0	1.0	5.1	EMILY
and	118	119*	1	0.23	0.08	194	9	23.4	1.1	2.6	EMILY
EAL1989	33	35	2	0.42	0.59	1031	27	17.4	0.5	0.5	EMILY
and	67	69	2	0.51	0.06	111	8	20.0	1.4	1.0	EMILY
EAL2082	45	46	1	0.21	0.15	369	31	24.1	2.0	0.2	GREEN
and	118	119	1	0.32	0.28	646	30	22.9	1.1	9.6	GREEN
EAL2084	64	68	4	3.24	0.97	2336	112	24.1	1.2	3.9	GREEN
incl	64	66	2	6.08	1.63	3914	187	24.0	1.1	6.1	GREEN
EAL2084	77	81	4	0.31	0.32	735	34	23.0	1.1	1.0	GREEN
and	90	91	1	0.21	0.12	278	15	23.2	1.3	0.7	GREEN
and	99	105	6	0.32	0.41	906	59	22.2	1.4	1.7	GREEN
and	113	114	1	0.39	0.16	354	24	22.6	1.5	1.9	GREEN
and	117	155*	38	0.33	0.21	449	26	22.2	1.4	4.6	GREEN
incl	148	155*	7	0.40	0.13	292	14	23.1	1.1	6.0	GREEN
EAL2085	54	62	8	0.69	1.96	4331	299	21.9	1.8	13.5	GREEN
and	67	75	8	0.41	0.54	1187	78	21.9	1.4	14.2	GREEN
EAL2086	33	34	1	0.22	0.39	944	48	24.5	1.3	0.4	GREEN
and	70	72	2	0.25	0.09	216	14	23.4	1.5	2.1	GREEN
and	112	113	1	0.25	0.02	34	2	21.8	1.3	0.1	GREEN
EAL2152	30	119*	89	0.65	0.42	893	45	21.1	1.2	8.0	GREEN
incl	36	37	1	1.03	0.43	887	49	20.9	1.2	1.7	GREEN
incl	47	57	10	2.24	0.67	1503	84	22.4	1.3	13.6	GREEN
incl	87	88	1	1.87	1.13	2498	57	22.2	0.5	20.2	GREEN
EAL2153	32	38*	6	0.31	0.30	518	28	17.3	0.9	11.0	GREEN

EAL2220	28	29	1	0.28	0.05	94	5	19.6	0.9	0.1	EMILY
and	35.9	37	1.1	0.22	0.06	118	6	20.7	1.1	0.4	EMILY
and	40	41	1	0.34	0.07	149	9	22.7	1.4	0.3	EMILY
and	42.96	109.87*	66.91	0.52	0.14	340	18	24.3	1.3	5.4	EMILY
incl	51.2	97	45.8	0.66	0.17	420	22	24.4	1.3	7.1	EMILY
also incl	59.4	62	2.6	2.54	0.39	927	44	24.2	1.2	12.7	EMILY
also incl	67.56	68.25	0.69	1.30	0.32	764	42	24.2	1.3	14.6	EMILY
also incl	69.6	69.8	0.2	1.31	0.28	675	38	24.5	1.4	13.2	EMILY
also incl	78.12	83.06	4.94	1.26	0.37	921	52	25.0	1.4	17.7	EMILY

Table 3. Drillhole assay intersections above 0.2% Nb_2O_5. Intervals greater than 1% Nb_2O_5 have been reported as including intervals. Selected intervals above 3% Nb_2O_5 have been reported as also including. *Denotes intersection to the end of hole.

Hole ID	*from (m)*	*to (m)*	*interval (m)*	*Grade Au (ppb)*	*Prospect*
EAL0165	114	116	2	122	CREAN
EAL0180	100	118	18	179	CREAN
including	110	118	8	255	CREAN
EAL0225	55	57	2	173	EMILY
EAL0259	56	60	4	721	EMILY
including	56	58	2	1070	EMILY
EAL0260	54	62	8	196	EMILY
EAL0741	54	58	4	160	EMILY
EAL1421	63	70	7	450	GREEN
including	65	67	2	658	GREEN
EAL1483	59	60	1	371	GREEN
and	63	65	2	278	GREEN
and	73	84	11	398	GREEN
including	73	76	3	665	GREEN
also including	81	82	1	502	GREEN
EAL2012	109	111	2	193	EMILY
EAL2036	69	73	4	126	AMPHITHEATRE

Table 4. Drillhole assay intersections above 100ppb Au. Intervals greater than 500ppb Au have been reported as including intervals. Selected interval greater than 200ppb has been reported as including for EAL0180.

Hole ID	Hole_Type	NAT_Grid_ID	NAT_North	NAT_East	NAT_RL	Total_Depth	Collar_Dip	Collar_Azim	Prospect
EAL0165	AC	MGA94_52	7547482	426952	377	123	-60	0	CREAN
EAL0180	AC	MGA94_52	7547400	426752	377	135	-60	0	CREAN
EAL0225	AC	MGA94_52	7541481	433201	381	61	-60	180	EMILY
EAL0259	AC	MGA94_52	7541236	433210	380	63	-90	0	EMILY
EAL0260	AC	MGA94_52	7541313	433197	381	66	-60	180	EMILY
EAL0741	AC	MGA94_52	7541477	433001	381	130	-60	180	EMILY
EAL1419	AC	MGA94_52	7541838	439198	386	97	-90	0	GREEN#
EAL1420	AC	MGA94_52	7541923	439199	386	90	-90	0	GREEN#
EAL1421	AC	MGA94_52	7541999	439198	386	70	-90	0	GREEN#
EAL1422	AC	MGA94_52	7542080	439200	387	105	-90	0	GREEN#

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EAL1424	AC	MGA94_52	7541964	439605	386	135	-90	0	GREEN#
EAL1425	AC	MGA94_52	7542043	439600	387	85	-90	0	GREEN#
EAL1426	AC	MGA94_52	7542112	439598	387	126	-90	0	GREEN#
EAL1427	AC	MGA94_52	7542203	439602	387	135	-90	0	GREEN#
EAL1477	AC*	MGA94_52	7541315	438900	384	99	-90	0	GREEN#
EAL1480	AC*	MGA94_52	7541436	438897	385	126	-90	0	GREEN#
EAL1481	AC*	MGA94_52	7541481	438898	385	90	-90	0	GREEN#
EAL1482	AC*	MGA94_52	7541522	438898	385	56	-90	0	GREEN#
EAL1483	AC*	MGA94_52	7541555	438912	385	97	-90	0	GREEN#
EAL1525	AC	MGA94_52	7541892	439601	386	111	-60	180	GREEN#
EAL1526	AC	MGA94_52	7541805	439600	386	129	-60	180	GREEN#
EAL1538	AC	MGA94_52	7541721	439599	386	129	-60	180	GREEN#
EAL1581	AC	MGA94_52	7541635	439595	386	81	-60	180	GREEN#
EAL1594	AC	MGA94_52	7541566	439601	386	64	-60	180	GREEN#
EAL1595	AC	MGA94_52	7541482	439597	386	69	-60	180	GREEN#
EAL1615	AC	MGA94_52	7541402	439600	386	71	-60	180	GREEN#
EAL1975	AC	MGA94_52	7541239	432402	383	66	-90	0	EMILY
EAL1976	AC	MGA94_52	7541320	432395	383	53	-60	180	EMILY
EAL1977	AC	MGA94_52	7541255	432602	382	54	-90	0	EMILY
EAL1978	AC	MGA94_52	7541319	432600	382	58	-60	180	EMILY
EAL1979	AC	MGA94_52	7541400	432599	382	73	-60	180	EMILY
EAL1980	AC	MGA94_52	7541481	432600	383	70	-60	180	EMILY
EAL1981	AC	MGA94_52	7541557	432601	383	55	-60	180	EMILY
EAL1982	AC	MGA94_52	7541635	432601	383	68	-60	180	EMILY
EAL1983	AC	MGA94_52	7541718	432597	384	69	-60	180	EMILY
EAL1984	AC	MGA94_52	7541785	432598	384	59	-60	180	EMILY
EAL1985	AC	MGA94_52	7541251	432801	381	90	-90	0	EMILY
EAL1986	AC	MGA94_52	7541639	432799	383	105	-60	180	EMILY
EAL1987	AC	MGA94_52	7541774	432801	383	56	-60	180	EMILY
EAL1988	AC	MGA94_52	7541239	432998	381	119	-90	180	EMILY
EAL1989	AC	MGA94_52	7541879	433203	382	77	-60	180	EMILY
EAL2012	AC	MGA94_52	7541318	434198	380	132	-60	180	EMILY
EAL2036	AC	MGA94_52	7540156	450803	388	88	-60	0	AMPHITHEATRE
EAL2220^	DDH	MGA94_52	7541639	433403	381	140	-59	180	EMILY

Table 5. Drillhole collar table. * Denotes bulk sampling method. # Denotes gold analysis completed on all samples. ^ Denotes fresh rock assays pending

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SECTION 1 SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling techniques	*Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sounds, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.*	Reported drilling has been completed to obtain samples for geological logging and assaying. All samples underwent routine pXRF analysis using a Bruker S1 TITAN to aid in logging and identifying zones of interest. No pXRF data is being reported.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used	All samples are considered to be representative. Drill hole collar locations were recorded by handheld GPS, which has an estimated accuracy of ± 5m.
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information	Wallis' proprietary, dual tube, patented Air-Core bit (AC) drilling method was used to obtain a bulk samples (each approximately 8-10kg) every 1m interval downhole for the following holes: EAL1455, EAL1457, EAL1458, EAL1459, EAL1460, EAL1461, EAL1465, EAL1473, EAL1474, EAL1491, EAL1566, EAL1570, EAL1571, EAL1572, EAL1573, EAL1574, EAL1604, EAL1605, EAL1608, EAL1609, EAL1625, EAL2082, EAL2083, EAL2084, EAL2085, EAL2086. Bulk material from each 1m interval was captured in a 450mm x 750mm calico bag. The 1m bulk sample was submitted to ALS Laboratories in Adelaide or Perth where it was dried, crushed and a representative split was obtained for analysis. Bullion Air-Core drilling method was used to obtain a bulk samples (each approximately 8-10kg) every 1m interval downhole for the following holes: EAL1466, EAL1467, EAL1468, EAL1469, EAL1470, EAL1471, EAL1472, EAL1477, EAL1478, EAL1479, EAL1480, EAL1481, EAL1482, EAL1483, EAL1484, EAL1494, EAL1498, EAL1500, EAL1501, EAL2152, EAL2153, EAL2154. Bulk material from each 1m interval was captured in a 450mm x 750mm calico bag. The 1m bulk sample was submitted to ALS Laboratories in Adelaide or Perth where it was dried, crushed and a representative split was obtained for analysis. Bullion AC drilling was used to obtained 1m samples every 1m interval downhole for the following holes: EAL1420, EAL1421, EAL1422, EAL1525, EAL1526, EAL1538, EAL1581, EAL1594, EAL1595, EAL1615, EAL1975, EAL1976, EAL1977, EAL1978, EAL1979, EAL1980, EAL1981, EAL1982, EAL1983, EAL1984, EAL1985, EAL1986, EAL1987, EAL1988, EAL1989, EAL2012, EAL2036. Composite samples (2 or 4m metre) were created using a scoop to collect a sample in a pre-numbered calico. These samples were submitted to ALS Laboratories in Adelaide or Perth where they were crushed and pulverised for analyses. Diamond drill core samples were whole or half core samples of PQ3 sized core. These samples from the diamond drilling were sent to ALS Laboratories in Perth, where they were dried, crushed, pulverised and split to produce a sub – sample for analysis.

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		Samples were analysed using ALS method ME-MS81D or ME-MS81hD with overlimit determination via ME-XRF30. (ME-MS81hD reports high grade REE elements by lithium meta-borate fusion and ICP-MS. This method produces quantitative results of all elements, including those encapsulated in resistive minerals. Selected samples were analysed using ALS method Au-TL44 which reports trace level Au by aqua regia extraction with ICP-MS finish. 50 g nominal sample weight.
Drilling techniques	*Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	Results are reported from AC and diamond drilling. AC holes were drilled at diameter of 83mm by the Wallis' proprietary, dual tube, patented Air-Core bit (AC) drilling method or at diameter of 90mm by Bullion Drilling. EPT2220 was diamond drilled from surface to 140m with PQ3. All core was oriented using Reflex Act III system.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed*	Sample recoveries were estimated as a percentage and recorded by Encounter field staff. Sections of lost core were minimal and were noted by the diamond drillers. Diamond drill core recovery was excellent at +93%.
	Measures taken to maximise sample recovery and ensure representative nature of the samples	Driller's used appropriate measures to minimise down-hole and/or cross-hole contamination in drilling. Where contamination of the sample was suspected this was noted by Encounter field staff as a percentage. PQ3 was used to reduce the chances of core loss. Diamond drill core recovery was approximately+93%.
	Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	A project review of sample recoveries, grade, sampling methods and twinned drillholes has determined that there is no relationship between sample recovery and grade.
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.*	Encounter geologists have completed geological logs on all holes where assays are reported. All reported holes have been logged in full with lithology, alteration and mineralisation recorded. Geological logging has been reviewed using multi element geochemistry to verify geological observations.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Geological logging is qualitative in nature and records interpreted lithology, alteration, mineralisation and other geological features of the samples.
	The total length and percentage of the relevant intersections logged	Encounter geologists have completed geological logs on all holes reported in this announcement.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.*	EPT2220 was diamond drilled from surface to 140m with PQ3. Between 0 and 109.87m whole core was sampled. Between 109.87 and 140m (EOH) core was cut and half core

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	was sampled. Assays from 109.87m to 140m are still pending and not being reported.
If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Wallis' proprietary, dual tube, patented Air-Core bit (AC) drilling method was used to obtain a bulk samples (each approximately 8-10kg) every 1m interval downhole for the following holes: EAL1455, EAL1457, EAL1458, EAL1459, EAL1460, EAL1461, EAL1465, EAL1473, EAL1474, EAL1491, EAL1566, EAL1570, EAL1571, EAL1572, EAL1573, EAL1574, EAL1604, EAL1605, EAL1608, EAL1609, EAL1625, EAL2082, EAL2083, EAL2084, EAL2085, EAL2086. Bulk material from each 1m interval was captured in a 450mm x 750mm calico bag. The 1m bulk sample was submitted to ALS Laboratories in Adelaide or Perth where it was dried, crushed and a representative split was obtained for analysis. Bullion Air-Core drilling method was used to obtain a bulk samples (each approximately 8-10kg) every 1m interval downhole for the following holes: EAL1466, EAL1467, EAL1468, EAL1469, EAL1470, EAL1471, EAL1472, EAL1477, EAL1478, EAL1479, EAL1480, EAL1481, EAL1482, EAL1483, EAL1484, EAL1494, EAL1498, EAL1500, EAL1501, EAL2152, EAL2153, EAL2154. Bulk material from each 1m interval was captured in a 450mm x 750mm calico bag. The 1m bulk sample was submitted to ALS Laboratories in Adelaide or Perth where it was dried, crushed and a representative split was obtained for analysis. Bullion AC drilling was used to obtained 1m samples every 1m interval downhole for the following holes: EAL1420, EAL1421, EAL1422, EAL1525, EAL1526, EAL1538, EAL1581, EAL1594, EAL1595, EAL1615, EAL1975, EAL1976, EAL1977, EAL1978, EAL1979, EAL1980, EAL1981, EAL1982, EAL1983, EAL1984, EAL1985, EAL1986, EAL1987, EAL1988, EAL1989, EAL2012, EAL2036, EAL0165, EAL0180, EAL0225, EAL0260 Composite samples (2 or 4m metre) were created using a scoop to collect a sample in a pre-numbered calico. These samples were submitted to ALS Laboratories in Adelaide or Perth where they were crushed and pulverised for analyses.
For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Sample preparation was completed at ALS Laboratories in Perth or Adelaide. Bulk samples and whole core samples were dried, crushed and a split taken post crushing to create a representative subsample for pulverisation and subsample for analyses. AC composite samples were crushed and pulverised to enable a subsample for analyses. These is considered a high quality representative sampling methodology and an appropriate sample preparation for the drilling type and analysis undertaken.
Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	No field duplicates were taken for bulk samples. After bulk samples were crushed a duplicate split was taken at the laboratory to generate a representative duplicate subsample for pulverisation and analyses. Field duplicates of composite samples were collected using the same composite sampling method as the primary sample. All duplicate samples were taken at an approximate rate of 1:50.

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	Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.	No field duplicates were taken for bulk samples. After bulk samples were crushed a duplicate split was taken at the laboratory to generate a representative duplicate subsample for pulverisation and analyses. Field duplicates of composite samples were collected using the same composite sampling method as the primary sample. All duplicate samples were taken at an approximate rate of 1:50.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample sizes, sub -sampling techniques and sample preparation are considered to be appropriate for the material being sampled.
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*	Assays have been reported from ALS ME-MS81D or ME-MS81hD (package of methods ME-MS81(h) + MEICP06). Or ALS method ME-MS81(h) reports high grade rare earth elements via fusion with lithium borate flux followed by acid dissolution of the fused bead coupled with ICP-MS analysis. It provides a quantitative analytical approach for a broad suite of trace elements. This method is considered a complete digestion allowing resistive mineral phases to be liberated. Elements reported: Ba, Ce Cr, Cs, Dy, Er, Eu, Ga, Gd, Hf, Ho, La, Lu, Nb, Nd, Pr, Rb, Sc, Sm, Sn, Sr, Ta, Tb, Th, Ti, Tm, U, V, W, Y, Yb, Zr. Additionally whole rock oxides are reported by method ME-ICP06 by analysing the same digested solution by ICP-AES and include LOI. Oxides reported: Al2O3, BaO, CaO, Cr2O3, Fe2O3, K2O, MgO, MnO, Na2O, P2O5, SiO2, SrO, TiO2, LOI Niobium overlimit determination (>50,000ppm Nb) completed via ALS method ME-XRF30. Assays have been reported from MEXRF30 when completed. ALS method Au-TL44 reports trace level Au by aqua regia extraction with ICP-MS finish. 50 g nominal sample weight. Assays have been reported from Au-TL44 when completed.
	For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	Samples underwent routine pXRF analysis at 1m intervals using a Bruker S1 TITAN to aid in geological logging and identifying zones of interest. All pXRF readings were taken in GeoExploration mode with a 30 second 3 beam reading. OREAS supplied standard reference materials were used to calibrate the pXRF instrument. No pXRF results are being reported.
	Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	Standard field and laboratory QAQC was undertaken and monitored. Encounter submits an independent suite of certified reference materials and blanks at average ratio of 1:30. ALS Laboratory QAQC involves the use of internal lab standards using certified reference material and blanks as part of in-house laboratory procedures. A formal review of this data is completed on a periodic basis.

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Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	Geological observations included in this report have been verified by Sarah James (Principal Geologist)
	The use of twinned holes.	EAL1455 was drilled to provide sample and assay data to test geological continuity within close proximity to diamond and RC drill holes. EAL1455 (AC) was collared approximately 10m to the SSW of EAL1370 (DD) and approximately 13m to the SW of EAL914 (RC).
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Primary logging and sampling data is collected for drillholes on toughbook computers using Maxwell Geoservice's LogChief software and using excel templates (physical and electronic). Data is sent offsite by email to be loaded or direct synced to Encounter's SQL Database (Datashed software), which is backed up daily.
	Discuss any adjustment to assay data.	Standard stoichiometric calculations have been applied to convert element ppm data to relevant oxides. Industry standard calculation for TREO as follows La_2O_3 + CeO_2 + Pr_2O_3 + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_2O_3 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Y_2O_3 + Lu_2O_3 Conversion factors La_2O_3 1.1728 CeO_2 1.2284 Pr_2O_3 1.1703 Nd_2O_3 1.1664 Sm_2O_3 1.1596 Eu_2O_3 1.1579 Gd_2O_3 1.1526 Tb_2O_3 1.151 Dy_2O_3 1.1477 Ho_2O_3 1.1455 Er_2O_3 1.1435 Tm_2O_3 1.1421 Yb_2O_3 1.1387 Y_2O_3 1.2699 Lu_2O_3 1.1371 Nb_2O_5 1.4305
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	Drill hole collar locations are determined using a handheld GPS. Down hole surveys (Gyro) were collected during AC drilling at Green at approximately 30m intervals.
	Specification of the grid system used.	Horizontal Datum: Geocentric Datum of Australia1994 (GDA94) Map Grid of Australia 1994 (MGA94) Zone 52
	Quality and adequacy of topographic control.	RLs were assigned using a DTM created during the detailed aeromagnetic survey.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	Drillhole spacing at Green and Emily is nominally 40m spaced on section with drill traverse 100m-200m apart.

	Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	Drill results in this announcement are drilling within and outside the existing Green and Emily Inferred Mineral Resource Estimate areas.
	Whether sample compositing has been applied.	Intervals have been composited using a length weighted methodology.
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*	Carbonatite intrusions have exploited interpreted structural corridors including the Weddell Fault at Green. Oxide-enriched mineralisation derives from primary fresh carbonatite by deflationary and regolith processes.
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	The relationship between drilling orientation and the orientation of oxide-enriched mineralisation is not considered to have introduce any sampling bias.
Sample security	*The measures taken to ensure sample security.*	The chain of custody is managed by Encounter. Samples were transported by Encounter personnel and reputable freight contractors to the assay laboratory.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	Sampling techniques and procedures are regularly reviewed internally, as is data. A project QAQC audit was completed prior to Mineral Resource Estimation by Snowden Optiro on Aileron drilling data and sampling techniques.

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SECTION 2 REPORTING OF EXPLORATION RESULTS

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties including joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.*	The Aileron project is located within the tenements E80/5169, E80/5469, E80/5470 and E80/5522 which are held 100% by Encounter Resources The tenements are contained within Aboriginal Reserve land where native title rights are held by the Parna Ngururrpa and the Tjamu Tjamu. Mineral Resources have been defined at Green (E80/5469), Crean (E80/5169) and Emily (E80/5469) wholly within Parna Ngururrpa native title determination area.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	Prior to Encounter Resources, no previous on ground exploration has been conducted on the tenement other than government precompetitive data.
Geology	*Deposit type, geological setting and style of mineralisation*	The Aileron project is situated in the Proterozoic West Arunta Province of Western Australia. The geology of the area is poorly studied due to the lack of outcrop and previous exploration. A 2024 GSWA report (using 2023 Encounter EIS drill cores) has documented Paleoproterozoic gneisses and metasedimentary rocks in the region. A younger, Mesoproterozoic garnet-bearing granitic gneiss has now been documented in the belt. Granulite facies metamorphism occurred soon after this Mesoproterozoic magmatic emplacement. In the Neoproterozoic gneissic rocks were intruded by post metamorphic, cogenetic carbonatite, lamprophyre and aillikite-type lamprophyres. The extensive geological history in the belt is still being unraveled by ongoing research studies. The belt is prospective for carbonatite-hosted critical mineral deposits, IOCG style copper deposits and orogenic gold. Green, Crean and Emily are carbonatite related niobium deposits. Oxide-enriched mineralisation has derived from primary niobium enriched carbonatites through deflationary and regolith weathering processes. The Aileron carbonatites have intruded into gneisses and metasedimentary basement rocks along interpreted structural corridors including the Elephant Island (at Crean) and the Weddell Fault (at Emily and Green). Carbonatite intrusions have intensely fenitised (altered) surrounding basement rocks. Lamprophyre and syenite intrusions interpreted as cogenetic with carbonatites are present, particularly near the margins of carbonatite intrusions. Preferential weathering of carbonatites has accelerated oxidation and

		resulted in niobium enrichment at Green, Crean and Emily.
Drill hole information	*A summary of all information material to the understanding of the exploration results including tabulation of the following information for all Material drill holes:* • *Easting and northing of the drill hole collar* • *Elevation or RL (Reduced Level – elevation above sea level in meters) of the drill hole collar* • *Dip and azimuth of the hole* • *Down hole length and interception depth* • *Hole length*	Refer to tabulation in the body of this announcement
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.*	All reported Niobium assays have been length weighted, with a nominal 0.2% Nb_2O_5 lower limit and a maximum of 4m of internal dilution. Intervals greater than 1% Nb_2O_5 has been reported as including. Selected intervals greater than 3% Nb_2O_5 have been reported separately. No upper cutoffs have been applied. All reported Gold assays have been length weighted, with a nominal 0.1ppm Au lower limit and a maximum of 2m of internal dilution. Intervals greater than 0.5ppm Au has been reported as including. Selected intervals greater than 0.2ppm Au have been reported separately. No upper cutoffs have been applied.
	Where aggregated intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	All reported Niobium assays have been length weighted, with a nominal 0.2% Nb_2O_5 lower limit and a maximum of 4m of internal dilution. Intervals greater than 1% Nb_2O_5 has been reported as including. Selected intervals greater than 3% Nb_2O_5 have been reported separately. No upper cutoffs have been applied. All reported Gold assays have been length weighted, with a nominal 0.1ppm Au lower limit and a maximum of 2m of internal dilution. Intervals greater than 0.5ppm Au has been reported as including. Selected intervals greater than 0.2ppm Au have been reported separately. No upper cutoffs have been applied.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents have been reported in this announcement.
Relationship between mineralization widths and intercept lengths	*These relationships are particularly important in the reporting of exploration results.* *If the geometry of the mineralization with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	Reported results are downhole length. True width geometry of the mineralisation is not yet known due to insufficient drilling in the targeted areas.

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Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plane view of drill hole collar locations and appropriate sectional views.*	Refer to body of this announcement
Balanced Reporting	*Where comprehensive reporting of all Exploration Results is not practical, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	All results have been balanced and transparently reported.
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observation; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	All meaningful and material information has been included in the body of the text.
Further Work	*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large – scale step – out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	Refer to the body of the text

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