# Assay results confirm Uranium Mineralisation at Eridani Project on Eyre Peninsula

- Initial ground reconnaissance sampling at Eridani Uranium Project delivers assays confirming uranium mineralisation.
- Latest results include:
  - 423ppm U MQ12
  - o 274ppm U MQ11
  - 278ppm U MQ10
- Eridani Uranium Project is located on the Minbrie West quarry, which was shut down by the SA Government in 1944 due to high levels of radioactive mineral occurence.
- Uranium mineralisation encountered appears associated with talc units, providing a focused target for upcoming exploration.
- Further reconnaissance and follow-up sampling planned to commence in December 2024, which will focus on sampling along the length of identified fault structures particularly where fault lines intersect or show signs of alteration, which could identify hotspots for uranium concentration.

**Lincoln Minerals Limited (LML** or **Company')** (ASX:LML) is pleased to announce the recent completion and results from rock chip sample assays at its Eridani Uranium Project, located on South Australia's Eyre Peninsula.

The sampling program was part of an initial assessment of the tenement to determine the geological setting, mineralisation potential, and to confirm historical accounts of carnotite mineralisation.

The laboratory results confirm the presence of uranium mineralisation, consistent with previously reported elevated portable XRF readings<sup>1</sup>.

A key finding from the laboratory results reveals that the uranium values appear to be more concentrated in the talc-bearing units compared to other rock types present at the site. This



<sup>&</sup>lt;sup>1</sup> ASX Announcement 17 September 2024, "High-grade uranium mineralisation located at Eridani Project".

observation will refine the exploration model, aiding efforts to trace the source of the carnotite mineralisation and guiding future sampling and reconnaissance in the coming months.

**Table 1. Uranium and Vanadium Assay Results** 

LAB ID			Northing GDA2020	Zone	Date Collected	Rock Source	Rock Type	U	V
UNITS								ppm	ppm
SCHEME								MA102	MA101
DETECTION LIMIT								0.1	5
20240911- 006-1	MQ01	671756	6279695	53	8/08/2024	Outcrop	Amphi bolite	21	75
20240911- 006-2	MQ02	671751	6279694	53	8/08/2024	Outcrop	Marble	4.6	10
20240911- 006-3	MQ03	671749	6279689	53	8/08/2024	Outcrop	Marble	4.2	<b>&lt;</b> 5
20240911- 006-3 Rpt	MQ03	671749	6279689	53	8/08/2024	Outcrop	Marble	4.1	<b>&lt;</b> 5
20240911- 006-4	MQ04	671716	6279627	53	8/08/2024	Float	Pegm atite	4.1	15
20240911- 006-5	MQ05	671745	6279695	53	8/08/2024	Outcrop	Marble	4.9	<b>&lt;</b> 5
20240911- 006-6	MQ06	671723	6279622	53	8/08/2024	Float	Talc	12.1	20
20240911- 006-7	MQ07	671722	6279632	53	8/08/2024	Float	Pegm atite	4.8	10
20240911- 006-8	MQ08	671739	6279652	53	8/08/2024	Float	Talc	44.8	55
20240911- 006-9	MQ09	671737	6279653	53	8/08/2024	Float	Talc	72.9	60
20240911- 006-10	MQ10	671737	6279651	53	8/08/2024	Float	Talc	278	110
20240911- 006-11	MQ11	671740	6279650	53	8/08/2024	Outcrop	Talc	274	100
20240911- 006-12	MQ12	671738	6279649	53	8/08/2024	Outcrop	Talc	423	125

Rock chip sampling was undertaken in August 2024 on Eridani (EL5851), 100% owned by LML.

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Figure 1 - Location of outcrop samples taken from the Minbrie West quarry.

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#### **Background to the Eridani Project:**

The Eridani Uranium Project centres on the Minbrie West quarry, originally mined for marble, talc, and asbestos from 1919. The site was later closed after the discovery of carnotite - a secondary mineral typically formed from the weathering of uraninite. This discovery<sup>2</sup>, identified on June 22, 1944, led to the reservation of the site from mining operations due to its radioactive mineral content.

A detailed account from the 1952 issue of the Mining Review by the South Australia Department of Mines describes a site visit in August 1950, following an initial inspection in 1949. During this visit, a previously noted shallow trench containing carnotite-stained schistose marble was expanded into a deeper shaft, revealing additional extensive carnotite staining on fracture surfaces. Further evidence of carnotite was also identified in the north-eastern corner of the quarry. Following these findings, all extraction of marble and talc was ceased, and the site has since remained abandoned.

The area is structurally complex, with multiple NW trending faults crosscutting the Kalinjala Shear Zone, providing potential fluid pathways from weathering Hiltaba suite granites. The complex geological framework, combined with the site's historical significance, warrants further investigation.

Field sampling conducted in August of this year confirmed the presence of carnotite mineralisation through the use of a handheld pXRF device<sup>3</sup>.

#### **Eridani Project Overview**

- Exploration Licence 5851.
- Project area primarily consists of agricultural ground.
- Native Title land access agreement in place with the Barngarla Aboriginal Corporation.
- Sample site located in the southwest portion of EL 5851.
- Project site is a historic marble and talc quarry where visible carnotite mineralisation was discovered in 1944 along veins and faults<sup>2</sup>.
- Potential for vein and unconformity style uranium mineralisation.
- Project area sits along an unconformity at an intersection between two large faults.
- Eridani is 60km south of Samphire uranium deposit.
- Nearby drillholes show extensive hydrothermal alteration of Donington suite granites.
- Project area is 10km west of Hiltaba Suite granites.

#### **Next Steps:**

Lincoln Minerals is planning a comprehensive follow-up exploration program at the Eridani Uranium Project, scheduled to commence in December 2024. This next phase of exploration will build upon the encouraging initial sampling results, focusing on detailed sampling along key fault structures identified through historical mapping and geophysical surveys.

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<sup>&</sup>lt;sup>2</sup> Mining Review, South Australia Department of Mines 1952, Issue 92: 18-25

<sup>3</sup> ASX Announcement 17 September 2024, "High-grade uranium mineralisation located at Eridani Project".

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Sampling will be systematic along the length of major fault structures identified through previous geological mapping and geophysical surveys. Special attention will be given to areas where these fault lines intersect or show signs of alteration, as these could be hotspots for uranium concentration.

A key objective of this program is to delineate the extent of the outcropping carnotite mineralisation previously identified at the Minbrie West quarry site. Detailed geological mapping will be conducted to trace the continuity of the carnotite-bearing units.

Sampling methods will include rock chip and channel sampling, complemented by the use of handheld XRF and scintillometers for on-site analysis. These efforts are aimed at delineating uranium mineralisation across the area, supporting Lincoln's strategy to further define and advance the project's uranium potential.

#### **Competent Person's Statement**

The information in this document that relates to the Eridani Project Exploration Results is based upon information compiled by Mr Shane O'Connell who is a Member of the Australasian Institute of Mining and Metallurgy. Mr O'Connell is a consultant and advisor to Lincoln Minerals Limited and has sufficient experience relevant to the style of mineralisation, the type of deposit under consideration and to the activity 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 (the JORC Code). Mr O'Connell consents to the release of the information compiled in this report in the form and context in which it appears.

**Approved for release by the Board of Lincoln Minerals Limited.** For further information, please visit lincolnminerals.com.au

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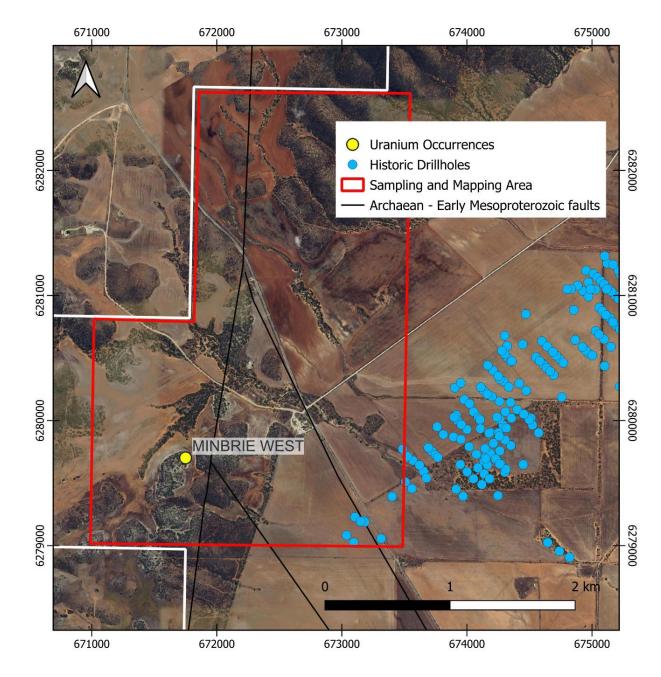


Figure 2 - Location of upcoming field reconnaissance and sampling. Data for Early Mesoproterozoic Faults provided by DEM SA, GDA2020.

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#### **JORC TABLE 1**

#### **Section 1 Sampling Techniques and Data**

Criteria	Explanation
Sampling techniques	<ul> <li>Point surface samples consisting of rock chips of outcropping rock, samples retrieved through the use of a geological pick.</li> <li>Each sample was described at the site to ensure accurate records of sampled material. Samples were selected based on mineralisation/alteration zones, and by use of historic maps pinpointing mineralisation zones.</li> </ul>
	The samples are selective but representative of the outcrop they were taken from.
	<ul> <li>Rock chip sampling is an industry wide field technique for establishing metal content to understand potential tenor of underlying mineralisation.</li> </ul>
Drilling techniques	Not applicable as there is no new drilling information.
Drill sample recovery	Not applicable as there is no new drilling information.
Logging	<ul> <li>Rock chip samples collected were logged for various geological attributes, photos were taken of each sample.</li> </ul>
Sub-sampling techniques and sample preparation	<ul> <li>Samples were collected dry and consist of multiple chips dislodged and fractured by a geological pick.</li> <li>Samples were between 0.3-1.5kg weight and place directly into numbered canvas bags at the collection point.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>All samples were analysed by Bureau Veritas Minerals Pty Ltd for laboratory processing in Adelaide.</li> <li>Samples are passed through a primary crusher to bring the particle size down to -10mm. This is followed by LM5 pulverising.</li> <li>Samples have undergone two methods of analysis depending on the</li> </ul>
	<ul> <li>element suite. Mixed Acid Digestion and Lithium Borate Fusion.</li> <li>Mixed acid digest consists of an aliquot of sample accurately weighed and digested with a mixture of nitric, perchloric and hydrofluoric acids. The sample is then treated by a final dissolution in hydrochloric acid.</li> <li>Lithium borate fusion consist of an aliquot of sample accurately weighed and fused with lithium metaborate at high temperature in a Pt crucible. The fused glass is then digested in nitric acid. This process provides complete dissolution of most minerals including silicates.</li> </ul>

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to quantitatively determine element concentrations. Uranium has bee analysed by ICP-MES while vanadium has been analysed by ICP-AES  The Bureau Veritas lab inserts standards and blanks at set values an monitors the pricision of the analyses. In addition, the lab performs repeat analyses at random intervals, which returned acceptable value to the primary samples.  The assay methods and laboratory procedures are appropriate for the rock types and style of mineralisation.  Verification of sampling and assaying  A total of 12 samples were chosen at random from mineralised samples in the field. While there may be some selection bias of the samples, it is the view of the Competent Person that the results can be used for early stage exploration with the aim of assisting in the targeting of future exploration programs.  No assay data has been adjusted.  Location of data points  See figure 1 and Table 1 of this release for sample coordinates.  Coordinates reported are in GDA2020 zone 53.  Sample locations were determined by handheld GPS +/-5m, at time of collection.  Elevation was not recorded, as it was not considered relevant for surface outcrop sample.  Location data is of sufficient quality for reporting of exploration results at this early stage.  Data spacing and distribution  Selective sampling based on field observations and outcrops identified as hosting potential for mineralisation.  All samples were taken within 100m of the Minbrie West quarry, sample spacing ranges from 1-25m.  Orientation of data in relation to geological structure  Sample security  The samples were placed into individual canvas bags and then tied be drawstring at the opening of the bag.  Audits or reviews  No audits or reviews have been performed on the project to date.		
sampling and assaying samples in the field. While there may be some selection bias of the samples, it is the view of the Competent Person that the results can be used for early stage exploration with the aim of assisting in the targeting of future exploration programs.  No assay data has been adjusted.  Location of data points  See figure 1 and Table 1 of this release for sample coordinates.  Coordinates reported are in GDA2020 zone 53.  Sample locations were determined by handheld GPS +/-5m, at time of collection.  Elevation was not recorded, as it was not considered relevant for surface outcrop sample.  Location data is of sufficient quality for reporting of exploration results at this early stage.  Data spacing and distribution  Selective sampling based on field observations and outcrops identified as hosting potential for mineralisation.  All samples were taken within 100m of the Minbrie West quarry, sample spacing ranges from 1-25m.  Orientation of data in relation to geological structure  Sample assays are representative only of the surface outcrops where the sample was obtained. It is unknown if the samples have a bias related to orientation of structures and mineralised horizons.  Sample security  The samples were placed into individual canvas bags and then tied be drawstring at the opening of the bag.  No audits or reviews have been performed on the project to date.		to quantitatively determine element concentrations. Uranium has been analysed by ICP-MS while vanadium has been analysed by ICP-AES.  • The Bureau Veritas lab inserts standards and blanks at set values and monitors the precision of the analyses. In addition, the lab performs repeat analyses at random intervals, which returned acceptable values to the primary samples.  • The assay methods and laboratory procedures are appropriate for the
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<ul> <li>as hosting potential for mineralisation.</li> <li>All samples were taken within 100m of the Minbrie West quarry, sample spacing ranges from 1-25m.</li> <li>Orientation of data in relation to geological structure</li> <li>Sample assays are representative only of the surface outcrops where the sample was obtained. It is unknown if the samples have a bias related to orientation of structures and mineralised horizons.</li> <li>Sample security</li> <li>The samples were placed into individual canvas bags and then tied be drawstring at the opening of the bag.</li> <li>Audits or reviews</li> <li>No audits or reviews have been performed on the project to date.</li> </ul>		<ul> <li>Coordinates reported are in GDA2020 zone 53.</li> <li>Sample locations were determined by handheld GPS +/-5m, at time of collection.</li> <li>Elevation was not recorded, as it was not considered relevant for surface outcrop sample.</li> <li>Location data is of sufficient quality for reporting of exploration results</li> </ul>
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Audits or reviews  • No audits or reviews have been performed on the project to date.	relation to geological	·
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using industry best practices.	Audits or reviews	The work was carried out by reputable companies and laboratories

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Appendix 1.

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Sample Assay Data

LAB ID	Sa mpl e ID	Easti ng GDA	North ing GDA2	Zo ne	Date Colle cted	Roc k Sou	Ag	AI	As	Ва	Be	Bi	Са	Cd	Со	Cr
LINUTO	CID	2020	020		Clea	rce	pp	pp	pp	pp	pp	рр	pp	pp	pp	pp
UNITS							m	m	m	m	m	m	m	m	m	m
SCHE ME							MA 102	MA 101	MA 102	MA 101	MA 102	MA 102	MA 101	MA 102	MA 102	MA 101
DETE CTION LIMIT							0.2	100	1	2	0.5	0.1	100	0.5	1	10
20240 911- 006-1	MQ 01	6717 56.35	62796 94.52	53	8/08/ 2024	Out cro p	<0. 2	729 00	<1	228	8	0.4	868 00	<0. 5	6	50
20240 911- 006-2	MQ 02	6717 50.79	62796 93.7	53	8/08/ 2024	Out cro p	<0. 2	160 0	<1	18	<0. 5	<0. 1	211 000	<0. 5	<1	<10
20240 911- 006-3	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<0. 2	160 0	<1	12	<0. 5	<0. 1	221 000	<0. 5	2	<10
20240 911- 006-3 Rpt	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<0. 2	150 0	<1	18	<0. 5	<0. 1	216 000	<0. 5	2	<10
20240 911- 006-4	MQ 04	6717 16.43	62796 27.11	53	8/08/ 2024	Flo at	<0. 2	710 00	<1	116 0	4	0.2	670 0	<0. 5	2	<10
20240 911- 006-5	MQ 05	6717 44.73	62796 95.34	53	8/08/ 2024	Out cro p	<0. 2	700	<1	12	<0. 5	<0. 1	200 000	<0. 5	<1	<10
20240 911- 006-6	MQ 06	6717 23.24	62796 22.18	53	8/08/ 2024	Flo at	<0. 2	330 0	<1	22	1	<0. 1	629 00	<0. 5	5	<10
20240 911- 006-7	MQ 07	6717 22.34	62796 31.75	53	8/08/ 2024	Flo at	<0. 2	746 00	3	125 0	2	0.2	580 0	<0. 5	3	<10
20240 911- 006-8	MQ 08	6717 38.74	62796 52.2	53	8/08/ 2024	Flo at	<0. 2	710 0	<1	16	8	<0. 1	747 00	<0. 5	4	<10
20240 911- 006-9	MQ 09	6717 37.35	62796 53.43	53	8/08/ 2024	Flo at	<0. 2	610 0	<1	12	7.5	<0. 1	715 00	<0. 5	3	<10
20240 911- 006-10	MQ 10	6717 37.1	62796 51.06	53	8/08/ 2024	Flo at	<0. 2	650 0	<1	70	10	<0. 1	375 00	<0. 5	4	<10
20240 911- 006-11	MQ 11	6717 39.89	62796 49.67	53	8/08/ 2024	Out cro p	<0. 2	630 0	<1	26	9.5	<0. 1	572 00	<0. 5	5	<10
20240 911- 006-12	MQ 12	6717 37.59	62796 48.85	53	8/08/ 2024	Out cro p	<0. 2	530 0	<1	22	8.5	<0. 1	568 00	<0. 5	4	<10
LAB ID	Sa mpl e ID	Easti ng	North ing	Zo ne	Date Colle cted	Roc k	Cs	Cu	Fe	Ga	Hf	In	К	Li	Mg	Mn

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		GDA 2020	GDA2 020			Sou rce										
UNITS							pp	pp								
SCHE ME							MA 102	MA 101	MA 101	MA 102	MA 102	MA 102	MA 101	MA 101	MA 101	MA 101
DETE CTION LIMIT							0.1	2	100	0.2	0.2	0.0 5	100	10	100	2
20240 911- 006-1	MQ 01	6717 56.35	62796 94.52	53	8/08/ 2024	Out cro p	0.4	4	210 00	33. 6	9.8	0.0 5	780 0	<10	309 00	290
20240 911- 006-2	MQ 02	6717 50.79	62796 93.7	53	8/08/ 2024	Out cro p	<0. 1	6	310 0	0.6	0.4	<0. 05	400	<10	101 000	194
20240 911- 006-3	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<0. 1	4	310 0	0.6	0.4	<0. 05	300	<10	982 00	332
20240 911- 006-3 Rpt	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<0. 1	2	310 0	0.6	0.4	<0. 05	300	<10	958 00	324
20240 911- 006-4	MQ 04	6717 16.43	62796 27.11	53	8/08/ 2024	Flo at	0.4	4	840 0	19. 2	2.4	<0. 05	316 00	<10	280 0	84
20240 911- 006-5	MQ 05	6717 44.73	62796 95.34	53	8/08/ 2024	Out cro p	<0. 1	<2	240 0	0.4	<0. 2	<0. 05	300	<10	106 000	186
20240 911- 006-6	MQ 06	6717 23.24	62796 22.18	53	8/08/ 2024	Flo at	<0. 1	4	560 0	1	0.6	<0. 05	400	<10	188 000	308
20240 911- 006-7	MQ 07	6717 22.34	62796 31.75	53	8/08/ 2024	Flo at	0.4	32	670 0	19	1.2	<0. 05	422 00	<10	240 0	66
20240 911- 006-8	MQ 08	6717 38.74	62796 52.2	53	8/08/ 2024	Flo at	<0. 1	4	103 00	3.6	0.4	<0. 05	100 0	<10	133 000	468
20240 911- 006-9	MQ 09	6717 37.35	62796 53.43	53	8/08/ 2024	Flo at	<0. 1	2	770 0	3.2	<0. 2	<0. 05	800	<10	136 000	346
20240 911- 006-10	MQ 10	6717 37.1	62796 51.06	53	8/08/ 2024	Flo at	<0. 1	2	850 0	4	0.4	<0. 05	600	30	159 000	322
20240 911- 006-11	MQ 11	6717 39.89	62796 49.67	53	8/08/ 2024	Out cro p	<0. 1	12	940 0	3	0.4	<0. 05	700	10	147 000	374
20240 911- 006-12	MQ 12	6717 37.59	62796 48.85	53	8/08/ 2024	Out cro p	<0. 1	12	840 0	2.6	0.4	<0. 05	700	20	145 000	342
LAB ID	Sa mpl e ID	Easti ng GDA 2020	North ing GDA2 020	Zo ne	Date Colle cted	Roc k Sou rce	Мо	Na	Nb	Ni	Р	Pb	Rb	s	Sb	Sc
UNITS							pp m	pp m								
SCHE ME							MA 102	MA 101	MA 102	MA 101	MA 101	MA 102	MA 102	MA 101	MA 102	MA 101

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DETE CTION							0.5	100	0.5	2	50	1	0.2	50	0.1	1
LIMIT 20240						Out			0.0	_						•
911- 006-1	MQ 01	6717 56.35	62796 94.52	53	8/08/ 2024	cro p	<0. 5	297 00	17	16	300	27	41. 6	100	0.2	7
20240 911- 006-2	MQ 02	6717 50.79	62796 93.7	53	8/08/ 2024	Out cro p	<0. 5	400	1	4	100	10	1.8	100	0.3	<1
20240 911- 006-3	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<0. 5	300	0.5	4	<50	20	1.2	100	0.2	<1
20240 911- 006-3 Rpt	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<0. 5	300	0.5	4	<50	19	1	100	0.2	<1
20240 911- 006-4	MQ 04	6717 16.43	62796 27.11	53	8/08/ 2024	Flo at	1	283 00	5.5	6	850	38	105	100	0.3	<1
20240 911- 006-5	MQ 05	6717 44.73	62796 95.34	53	8/08/ 2024	Out cro p	<0. 5	400	0.5	4	100	8	1.4	<50	0.2	<1
20240 911- 006-6	MQ 06	6717 23.24	62796 22.18	53	8/08/ 2024	Flo at	<0. 5	500	1	6	100	13	1.2	100	1.2	<1
20240 911- 006-7	MQ 07	6717 22.34	62796 31.75	53	8/08/ 2024	Flo at	2	267 00	3	4	110 0	38	123	150	0.2	<1
20240 911- 006-8	MQ 08	6717 38.74	62796 52.2	53	8/08/ 2024	Flo at	1	180 0	1	6	<50	5	1.8	100	0.2	<1
20240 911- 006-9	MQ 09	6717 37.35	62796 53.43	53	8/08/ 2024	Flo at	<0. 5	140 0	0.5	6	<50	2	1.2	100	0.2	<1
20240 911- 006-10	MQ 10	6717 37.1	62796 51.06	53	8/08/ 2024	Flo at	1	150 0	1.5	6	<50	4	2	100	0.3	<1
20240 911- 006-11	MQ 11	6717 39.89	62796 49.67	53	8/08/ 2024	Out cro p	<0. 5	120 0	1	8	<50	2	1.6	100	0.2	<1
20240 911- 006-12	MQ 12	6717 37.59	62796 48.85	53	8/08/ 2024	Out cro p	<0. 5	140 0	0.5	6	<50	3	1.4	100	0.3	<1
LAB ID	Sa mpl e ID	Easti ng GDA 2020	North ing GDA2 020	Zo ne	Date Colle cted	Roc k Sou rce	Se	Si	Sn	Sr	Та	Te	Th	Ti	TI	U
UNITS							pp m	%	pp m							
SCHE ME							MA 102	LB 101	MA 102	MA 102	MA 102	MA 102	MA 102	MA 101	MA 102	MA 102
DETE CTION LIMIT							5	0.0 05	0.1	0.5	0.1	0.2	0.1	50	0.1	0.1
20240 911- 006-1	MQ 01	6717 56.35	62796 94.52	53	8/08/ 2024	Out cro p	<5	23. 4	3.4	688	3.4	<0. 2	81. 8	350 0	0.2	21

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20240 911- 006-2	MQ 02	6717 50.79	62796 93.7	53	8/08/ 2024	Out cro p	<5	5.8 7	0.3	45. 5	0.1	<0. 2	0.9	100	<0. 1	4.6
20240 911- 006-3	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<5	4.8 5	0.3	52	0.1	<0. 2	0.7	100	<0. 1	4.2
20240 911- 006-3 Rpt	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<5	4.8 5	0.3	51	0.1	<0. 2	0.6	100	<0. 1	4.1
20240 911- 006-4	MQ 04	6717 16.43	62796 27.11	53	8/08/ 2024	Flo at	<5	33. 7	3.4	182	0.9	<0. 2	10. 5	650	0.6	4.1
20240 911- 006-5	MQ 05	6717 44.73	62796 95.34	53	8/08/ 2024	Out cro p	<5	5.8	0.4	42. 5	0.1	<0. 2	0.4	<50	<0. 1	4.9
20240 911- 006-6	MQ 06	6717 23.24	62796 22.18	53	8/08/ 2024	Flo at	<5	15. 4	0.6	27. 5	0.1	<0. 2	0.8	200	<0. 1	12. 1
20240 911- 006-7	MQ 07	6717 22.34	62796 31.75	53	8/08/ 2024	Flo at	<5	32. 9	2.2	201	0.5	<0. 2	9.3	350	0.9	4.8
20240 911- 006-8	MQ 08	6717 38.74	62796 52.2	53	8/08/ 2024	Flo at	<5	28. 9	1.3	13. 5	0.2	<0. 2	0.8	150	<0. 1	44. 8
20240 911- 006-9	MQ 09	6717 37.35	62796 53.43	53	8/08/ 2024	Flo at	<5	27. 3	1.4	12. 5	0.1	<0. 2	0.7	150	<0. 1	72. 9
20240 911- 006-10	MQ 10	6717 37.1	62796 51.06	53	8/08/ 2024	Flo at	<5	27. 3	1.6	20. 5	0.9	<0. 2	0.8	200	<0. 1	278
20240 911- 006-11	MQ 11	6717 39.89	62796 49.67	53	8/08/ 2024	Out cro p	<5	26. 5	1.6	23	0.2	<0. 2	0.5	200	<0. 1	274
20240 911- 006-12	MQ 12	6717 37.59	62796 48.85	53	8/08/ 2024	Out cro p	<5	26. 9	1.5	12	0.1	<0. 2	0.7	150	<0. 1	423
LAB ID	Sa mpl e ID	Easti ng GDA 2020	North ing GDA2 020	Zo ne	Date Colle cted	Roc k Sou rce	v	w	Zn	Zr	La	Ce	Pr	Nd	Sm	Eu
UNITS							pp m									
SCHE ME							MA 101	MA 102	MA 101	MA 102						
DETE CTION LIMIT							5	0.5	2	1	0.1	0.1	0.0 5	0.0	0.0	0.0 5
20240 911- 006-1	MQ 01	6717 56.35	62796 94.52	53	8/08/ 2024	Out cro p	75	<0. 5	36	366	101	216	25. 4	94. 3	18. 1	1.1 5
20240 911- 006-2	MQ 02	6717 50.79	62796 93.7	53	8/08/ 2024	Out cro p	10	1.5	14	13	1.5	2.6	0.2 5	1.0 5	0.2	<0. 05
20240 911- 006-3	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<5	0.5	54	11	1.7	3.3	0.3 5	1.2 5	0.2 5	<0. 05

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20240 911- 006-3 Rpt	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<b>&lt;</b> 5	0.5	54	12	1.7	3.1	0.3	1.1 5	0.2 5	<0. 05
20240 911- 006-4	MQ 04	6717 16.43	62796 27.11	53	8/08/ 2024	Flo at	15	0.5	14	77	13. 7	27. 2	3.1	11. 5	2.4	0.6 5
20240 911- 006-5	MQ 05	6717 44.73	62796 95.34	53	8/08/ 2024	Out cro p	<b>&lt;</b> 5	0.5	34	3	1.1	1.7	0.2	0.6 5	0.1 5	<0. 05
20240 911- 006-6	MQ 06	6717 23.24	62796 22.18	53	8/08/ 2024	Flo at	20	2	20	12	1.3	2.6	0.3	1.2	0.2 5	<0. 05
20240 911- 006-7	MQ 07	6717 22.34	62796 31.75	53	8/08/ 2024	Flo at	10	2.5	10	42	15. 7	30. 3	3.7	14	2.8	0.7
20240 911- 006-8	MQ 08	6717 38.74	62796 52.2	53	8/08/ 2024	Flo at	55	1.5	74	11	0.6	2.1	0.2	0.7 5	0.2	<0. 05
20240 911- 006-9	MQ 09	6717 37.35	62796 53.43	53	8/08/ 2024	Flo at	60	0.5	58	10	1.7	5.5	0.4 5	1.6 5	0.3 5	<0. 05
20240 911- 006-10	MQ 10	6717 37.1	62796 51.06	53	8/08/ 2024	Flo at	110	1	50	13	2.2	5.2	0.4	1.3	0.2 5	<0. 05
20240 911- 006-11	MQ 11	6717 39.89	62796 49.67	53	8/08/ 2024	Out cro p	100	0.5	52	13	0.8	2.2	0.2	0.8	0.2	<0. 05
20240 911- 006-12	MQ 12	6717 37.59	62796 48.85	53	8/08/ 2024	Out cro p	125	0.5	48	11	1.2	3.5	0.3	1.1	0.2 5	<0. 05
LAB ID	Sa mpl e ID	Easti ng GDA 2020	North ing GDA2 020	Zo ne	Date Colle cted	Roc k Sou rce	Gd	Tb	Dy	Но	Er	Tm	Yb	Lu	С	
UNITS							pp m	pp m	pp m	pp m	pp m	pp m	pp m	pp m	%	
SCHE ME							MA 102	MA 102	MA 102	MA 102	MA 102	MA 102	MA 102	MA 102	LE CO 1	
DETE CTION LIMIT							0.2	0.0 2	0.0 5	0.0 2	0.0 5	0.0 5	0.0 5	0.0 2	0.0 2	
20240 911- 006-1	MQ 01	6717 56.35	62796 94.52	53	8/08/ 2024	Out cro p	14	1.9	9.3	1.6 2	4.6	0.6 5	3.2 5	0.6 8	1.3 4	
20240 911- 006-2	MQ 02	6717 50.79	62796 93.7	53	8/08/ 2024	Out cro p	<0. 2	<0. 02	0.1 5	0.0 4	0.1	<0. 05	0.5	<0. 02	9.4 6	
20240 911- 006-3	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<0. 2	<0. 02	0.1 5	0.0 4	0.1	<0. 05	0.6	<0. 02	10. 4	
20240 911- 006-3 Rpt	MQ 03	6717 48.82	62796 89.12	53	8/08/ 2024	Out cro p	<0. 2	0.0 4	0.2	0.0 4	0.1	<0. 05	0.5 5	<0. 02	10. 4	

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## ASX ANNOUNCEMENT



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20240 911- 006-4	MQ 04	6717 16.43	62796 27.11	53	8/08/ 2024	Flo at	2	0.3 6	2.0 5	0.3 8	1.0 5	0.1 5	0.9 5	0.1 2	0.0 6	
20240 911- 006-5	MQ 05	6717 44.73	62796 95.34	53	8/08/ 2024	Out cro p	<0. 2	<0. 02	0.1 5	<0. 02	0.1	<0. 05	0.3	<0. 02	10	
20240 911- 006-6	MQ 06	6717 23.24	62796 22.18	53	8/08/ 2024	Flo at	0.4	0.0 6	0.2 5	0.0 6	0.2	<0. 05	0.6	0.0 4	3.1 6	
20240 911- 006-7	MQ 07	6717 22.34	62796 31.75	53	8/08/ 2024	Flo at	2.4	0.3 8	2.1 5	0.3 8	1	0.1 5	1.5	0.1	0.0 2	
20240 911- 006-8	MQ 08	6717 38.74	62796 52.2	53	8/08/ 2024	Flo at	<0. 2	0.0 4	0.2	0.0 4	0.1 5	<0. 05	0.8 5	<0. 02	0.2 2	
20240 911- 006-9	MQ 09	6717 37.35	62796 53.43	53	8/08/ 2024	Flo at	0.4	0.0 6	0.2 5	0.0 6	0.1 5	<0. 05	0.5 5	<0. 02	0.3 4	
20240 911- 006-10	MQ 10	6717 37.1	62796 51.06	53	8/08/ 2024	Flo at	<0. 2	0.0 4	0.2	0.0 4	0.1	<0. 05	0.9 5	<0. 02	0.2	
20240 911- 006-11	MQ 11	6717 39.89	62796 49.67	53	8/08/ 2024	Out cro p	<0. 2	0.0 4	0.2	0.0 4	0.1	<0. 05	0.6 5	<0. 02	0.3	
20240 911- 006-12	MQ 12	6717 37.59	62796 48.85	53	8/08/ 2024	Out cro p	<0. 2	0.0 4	0.2	0.0 4	0.1	<0. 05	0.5	<0. 02	0.1 8	

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