

## Minerals 260 to accelerate exploration at Aston Project after defining new lithium trend

### EXPLORATION HIGHLIGHTS

#### ASTON

- New 5km-long, continuous lithium trend defined by regional and in-fill soil sampling at the Pyramid Hill prospect at the 100%-owned Aston Project, located in the Gascoyne Province, WA.
- Rock sampling recorded significant lithium (up to 0.12% Li<sub>2</sub>O), rubidium (up to 3,405ppm) and tantalum (up to 95ppm Ta<sub>2</sub>O<sub>5</sub>), suggesting a possible Lithium-Caesium-Tantalum (LCT) mineralised trend.
- This new target is in addition to previously defined strong lithium anomalies located to the north-east (see ASX release dated 25 July 2023) and coincident with the stratigraphy that hosts Delta Lithium Ltd's (ASX: DLI) Malinda and Jamesons lithium discoveries.
- Field reconnaissance of additional targets defined from recent high-resolution aeromagnetic and radiometric surveys is continuing.
- Exploration will now be accelerated with drill planning in progress.
- Aston is located in the Gascoyne Region of WA, which is fast emerging as a significant lithium and Rare Earth Element (REE) province.

#### MOORA

- New drill targets defined at the Mallory prospect following Dipole-Dipole Induced Polarisation (DDIP) surveys which have defined multiple conductive and chargeability anomalies.
- The Mynt prospect, where drilling has intersected high-grade copper and gold mineralisation (up to 24m @ 1.9% Cu, 0.7g/t Au<sup>1</sup>), remains a high priority and DDIP surveys are planned for Q4 2023 to assist with the optimal siting of deeper drill holes designed to determine the resource potential at the prospect.

#### DINGO ROCKS

- Maiden air-core (AC) drilling program scheduled to commence in September following recent completion of earthworks. The upcoming program will comprise 130-150 holes for 6,000 - 7,000m of drilling, designed to test coincident magnetic and gravity anomalies which are considered prospective for nickel-copper-gold-PGEs, as well as assessing the potential of the Project to host REE mineralisation.

<sup>1</sup> See ASX release "Wide Copper-Gold Zone Confirmed at Moora" dated 4 March 2023

**Minerals 260 Limited (ASX:MI6, “Minerals 260” or “Company”)** is pleased to provide an update on exploration activities across its West Australian project portfolio, including encouraging new results from additional geochemical and geophysical surveys at the Company’s Aston and Moora/Koojan Projects and details of the Company’s inaugural drilling campaign at the Dingo Rocks Project.

## **Aston Project, WA (100% Minerals 260)**

The Aston Project is located approximately 230km east of Carnarvon and 850km north of Perth in the Gascoyne Province of Western Australia (**Figure 1**).

The Gascoyne Province has been explored historically for gold, base metals, tungsten, and uranium; however, recent exploration by neighbouring tenement holders has highlighted the region’s prospectivity for both hard rock hosted lithium (spodumene) and Rare Earth Element (REE) deposits. Recent discoveries (**Figure 1**) include Delta Lithium’s Malinda and Jamesons lithium deposits (see DLI ASX announcements dated 20 January 2023, 27 February 2023, and 3 April 2023) and Dreadnought Resources’ REE discoveries (see DRE ASX announcement dated 28 August 2023).

The stratigraphy that hosts the Malinda and Jamesons prospects is interpreted to trend through the northern part of the Aston Project and recent soil sampling by Minerals 260 (see ASX releases dated 25 July 2023) has defined strong lithium anomalism coincident with this trend (**Figure 2**).

Results for the latest soil sampling have now defined strong lithium (>100ppm Li<sub>2</sub>O), tantalum and rubidium anomalism on the Pyramid Hill tenement, located in the south-western part of the Project area (**Figure 1**). Sampling has defined three strong lithium anomalies (**Figure 3**), including a linear, 5km long, continuous trend.

Limited rock chip sampling has recorded highly anomalous lithium (up to 0.12% Li<sub>2</sub>O), rubidium (up to 3,405ppm) and tantalum (up to 95ppm Ta<sub>2</sub>O<sub>5</sub>) on the margins of the soil anomalies, indicating potential LCT-type pegmatites (see **Appendix 1**). Potassium-rubidium (K/Rb) ratios of <30 also suggest prospectivity for lithium mineralisation.

Additional rock chip sampling focussing across the high points of the soil anomalies has also been completed, with assays pending.

Furthermore, the latest assay data have returned highly anomalous REE results (>1,000ppm TREO/see **Appendix 2**) from multiple locations within the Project which require further investigation including in-fill sampling.

Field reconnaissance and surface sampling will continue across the Project, following up recent assay results in addition to newly identified targets from recent high-resolution airborne aeromagnetic and radiometric surveys.

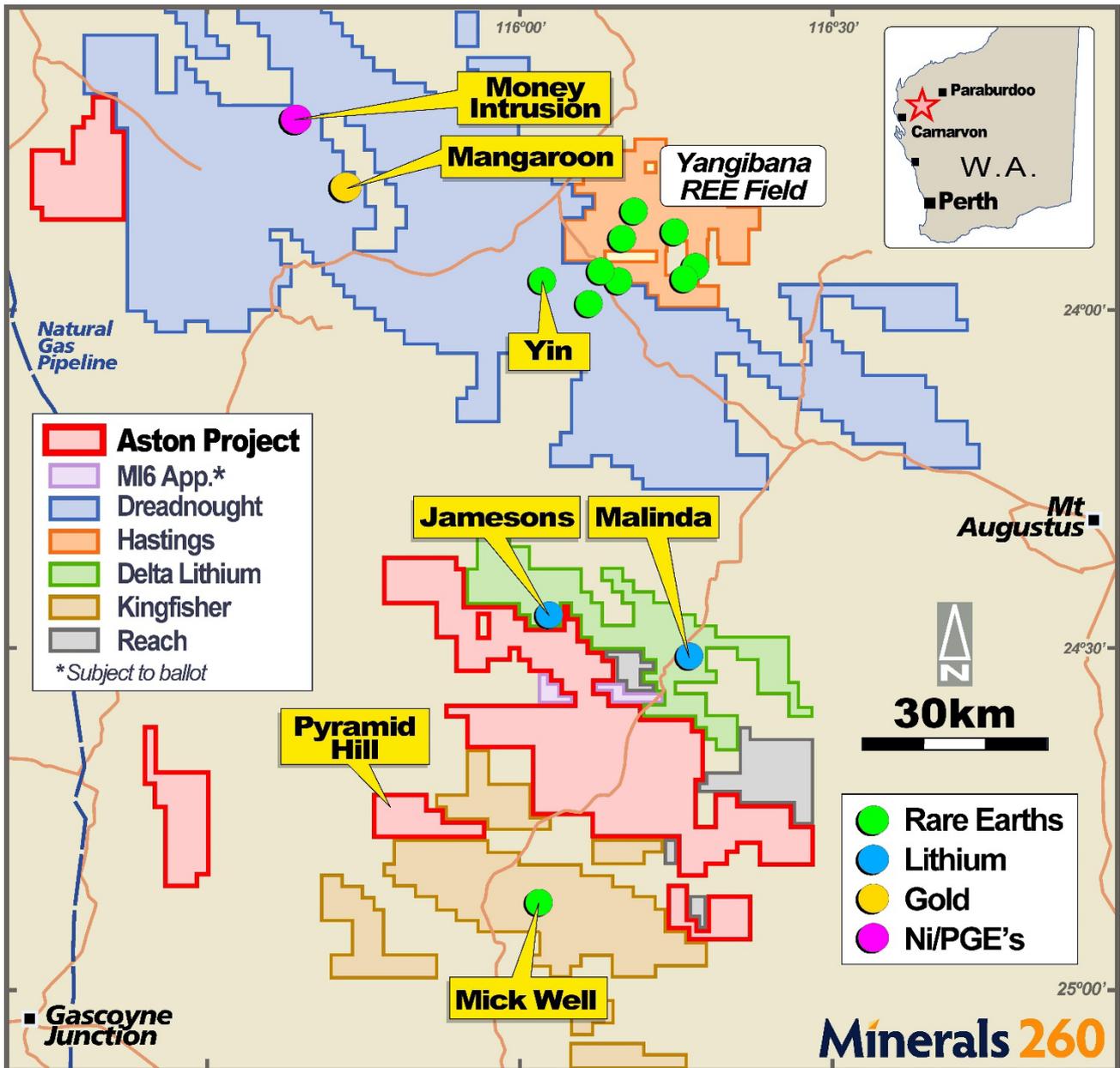


Figure 1 – Aston Project – Location and other significant tenement positions

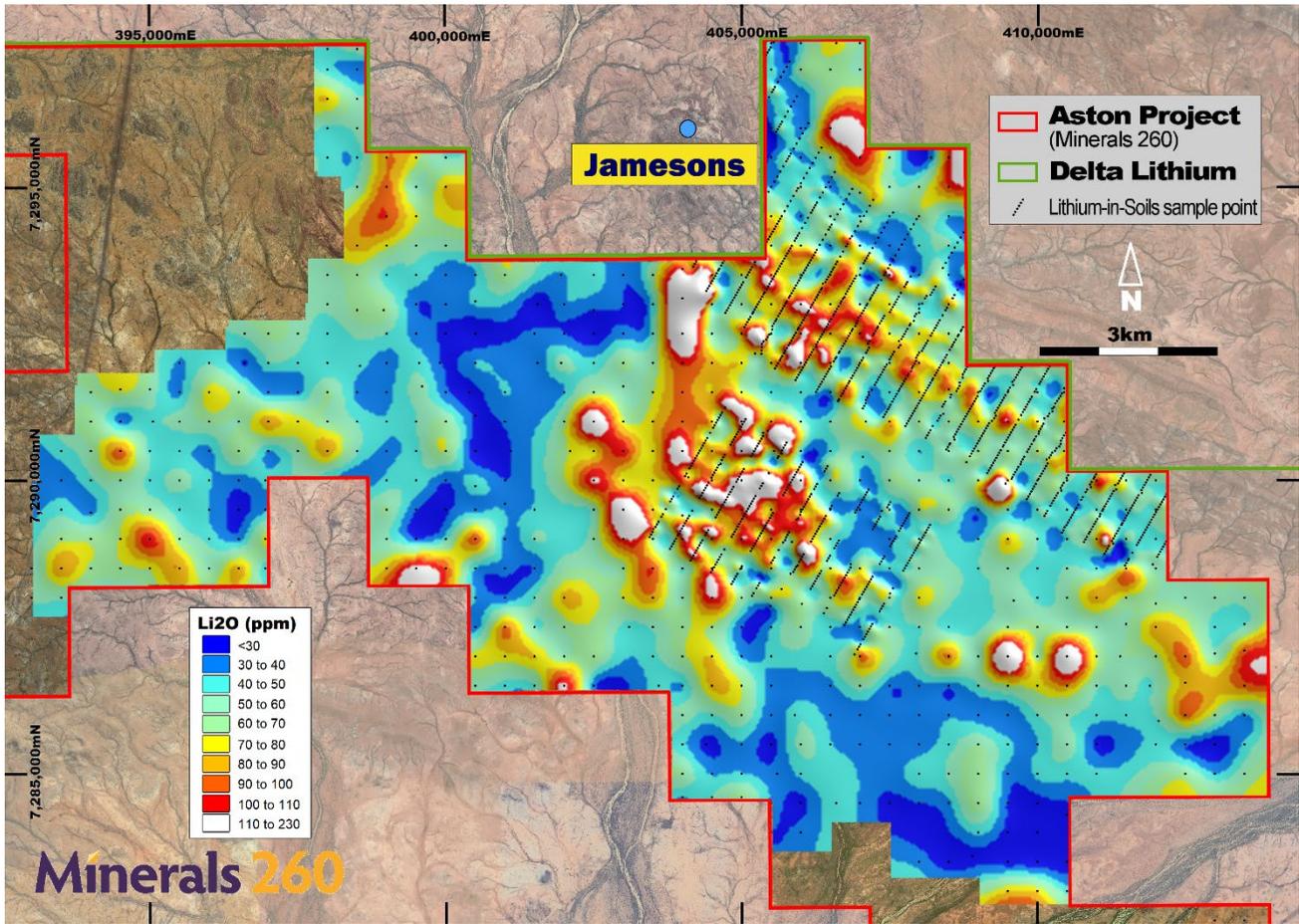


Figure 2 – Aston Project – Soil geochemistry along the Jamesons-Malinda trend showing anomalous lithium in soils

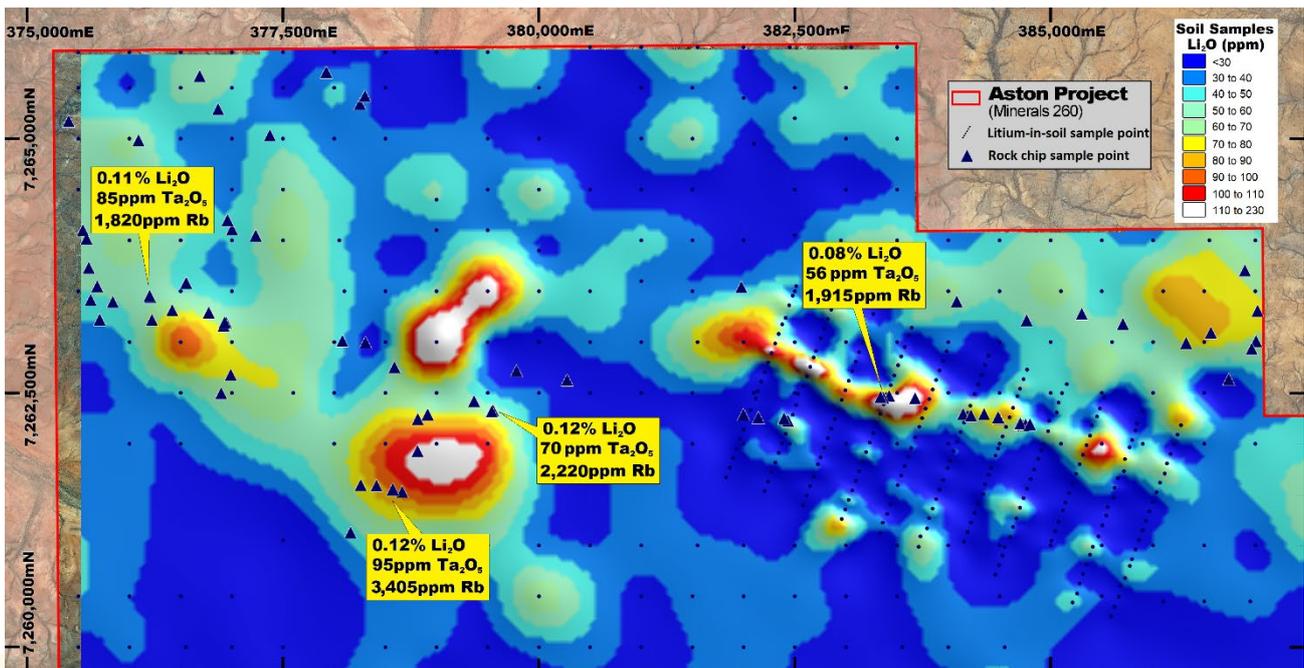


Figure 3 – Aston Project – Soil geochemistry and rock chips showing anomalous lithium-in-soils coincident with mineralised pegmatites on Pyramid Hill tenement E09/2302

## **Moora & Koojan Projects, WA**

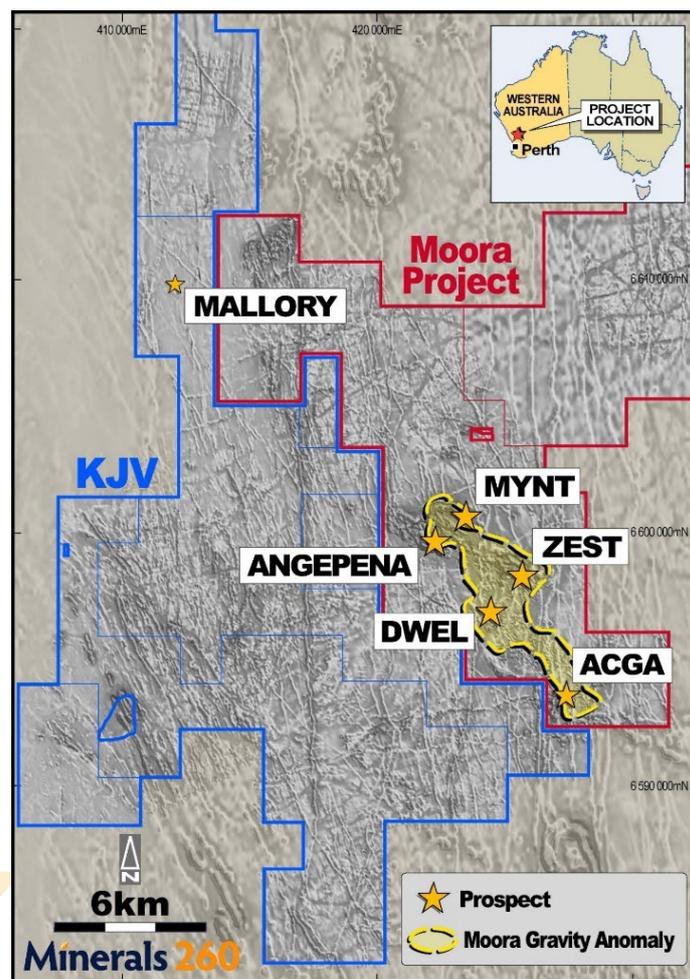
The 100%-owned Moora Project, which is located ~150km north-east of Perth in the Julimar Mineral Province of SW Western Australia, forms part of a contiguous, 1,000km<sup>2</sup> land package which includes the adjacent Koojan JV, where the Company is in joint venture with Lachlan Star Limited (ASX: LSA) and has earned an initial 30% equity with the right to increase this to 51% (see **Figure 4**).

In late-July, the Company completed Dipole-Dipole Induced Polarisation (DDIP) geophysical surveys across the Mallory and ACGA prospects designed to detect possible sulphide related mineralisation beneath multi-element (Cu+Au+Ag±Co±PGE) anomalism intersected in previous drilling (see ASX releases dated 4 November 2022 and 18 April 2023).

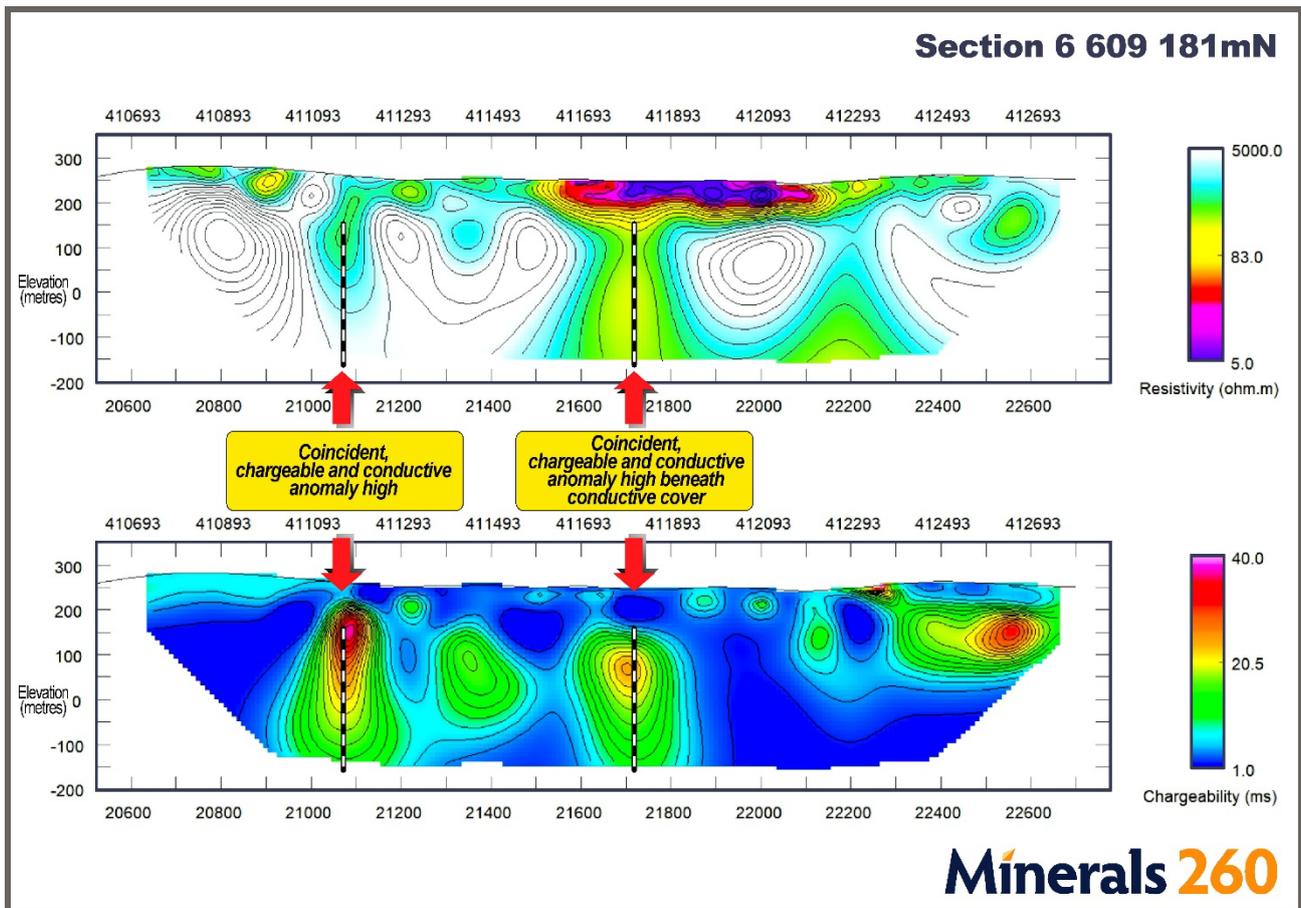
The surveys at Mallory have defined several coincident chargeable and conductive structures that may be caused by sulphides, as shown in **Figure 5**. The coincident DDIP anomalies are proximal to copper-gold-silver-cobalt anomalism intersected in drilling, with up to 1,480ppm copper, 98ppb gold, 30g/t silver and 592ppm cobalt and recorded.

The DDIP survey at Acga was abandoned due to interference from nearby farming infrastructure and powerlines.

The Company is planning to drill test these anomalies in late-December/early-January when access is available post-harvest. Further DDIP surveys will be conducted in late-November/early-December over additional prospects, including Mynt, to assist with drill targeting of potentially deeper mineralisation.



**Figure 4 – Moora and Koojan JV Projects: Magnetic image and location plan**



**Figure 5 – Koojan Project – Mallory DDIP sections showing coincident conductive and chargeability anomalies.**

## **Dingo Rocks Project, WA (100% Minerals 260)**

The Company’s maiden air-core drilling program at the Dingo Rocks Project is scheduled to commence in early-mid September, with 130-150 holes planned for 6,000 – 7,000m of drilling, as shown in **Figure 6**.

The drilling will test coincident magnetic and gravity anomalies which are considered prospective for nickel-copper-gold-PGEs as well as assessing the potential of the Project to host REE mineralisation.

The Dingo Rocks Project borders Meeka Metals’ (ASX: MEK) Circle Valley Gold-REE Project, where drilling in 2022 intersected multiple zones of gold mineralisation coincident with magnetic features and as well as defining a saprolite-hosted REE resource of 98Mt @ 890ppm TREO (refer ASX: MEK – 14 June 2023).

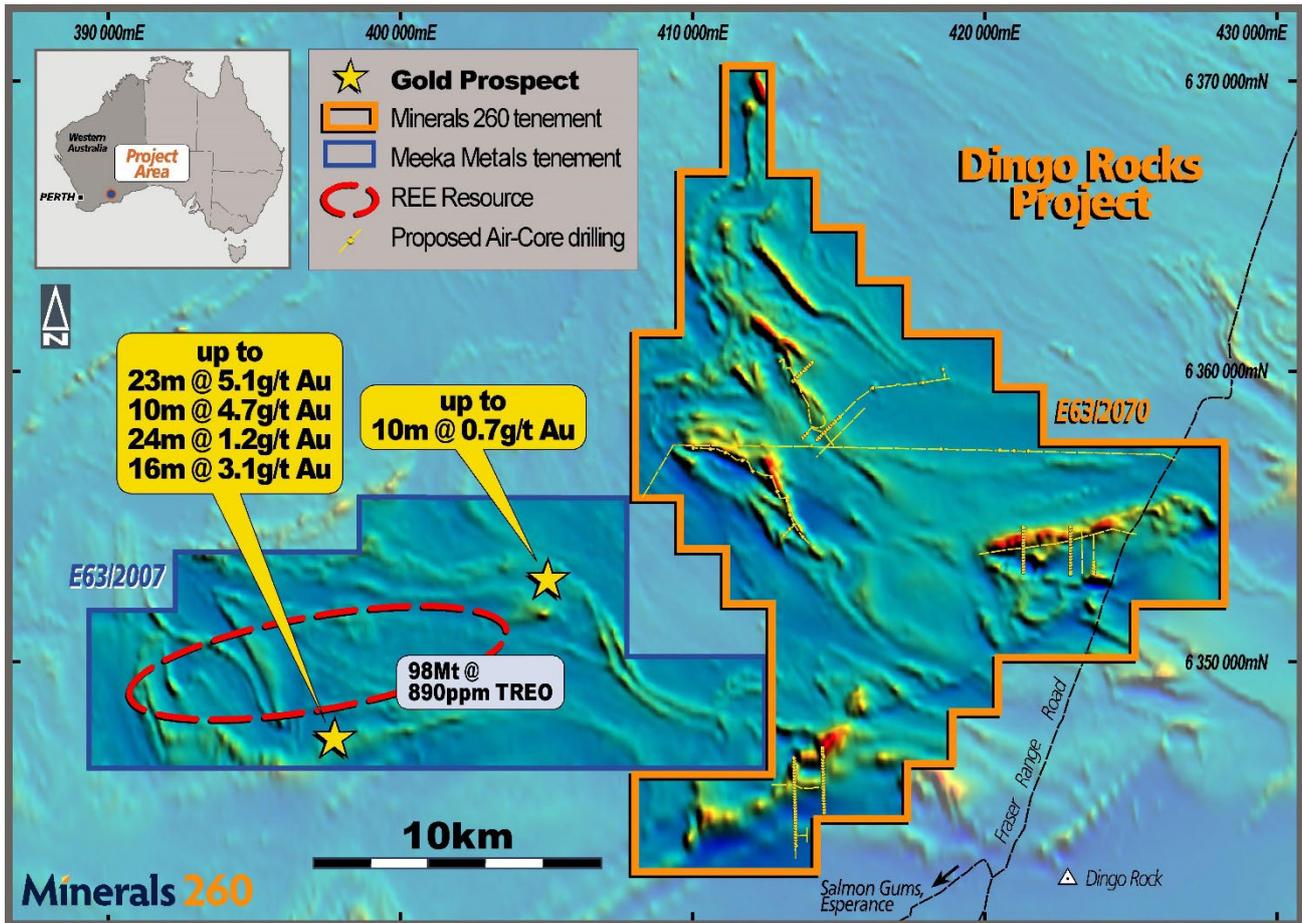


Figure 6 – Dingo Rocks planned air-core drilling locations with magnetic targets

## Management Comments

Commenting on the results, Minerals 260 Chief Executive Officer Luke McFadyen said:

*“The positive results announced today continue to demonstrate our systematic approach to exploration across all our projects. We will remain disciplined and focused in the way we plan and execute our exploration programs, with our strong balance sheet giving us the ability to accelerate activity when warranted. We are very excited by the lithium and rare earth potential at Aston and the Gascoyne region and we are looking forward to seeing the results for our initial drilling program at Dingo Rocks. We are also planning to be on the ground again at Moora later in the year post-harvest.”*

This announcement has been authorised for release by the Board.

## Competent Person Statement

The Information in this report that relates to new Exploration Results is based on and fairly represents information and supporting documentation prepared by Mr Matthew Blake, who is a Competent Person and a member of the Australasian Institute of Geoscientists (AIG). Mr Blake is a full-time employee of the company. Mr Blake has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Blake consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Information in this Report that relates to Exploration Results for the Moora/Koojan Projects and Aston Project is extracted from the following Minerals 260 Limited ASX announcement titled:

- "Wide Copper-Gold Zone Confirmed at Moora" released 4 March 2022;
- "Significant bedrock palladium-platinum intersected for the first time at Moora ahead of major new drilling program" released on 4<sup>th</sup> November 2022; and
- "Quarterly Activities/Appendix 5B Cash Flow Report" released on 18<sup>th</sup> April 2023.

which are available on [www.minerals260.com.au](http://www.minerals260.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 market announcements and that all material assumptions and technical parameters underpinning the estimates or production targets or forecast financial information derived from a production target (as applicable) 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.

## Forward Looking Statement

This announcement contains forward-looking statements which involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

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## Appendix 1 – Aston Project Rock Chip Sampling – Pyramid Hill LCT Results (ppm)

Sample ID	Easting	Northing	Be	Cs	K	Li2O	Nb	Rb	Sn	Ta2O
ARK000241	378305	7262996	6	8	27000	11	75	535	5	32
ARK000242	376895	7262496	7	6	13000	11	80	360	3	37
ARK000243	376944	7263190	4	5	28000	65	90	450	15	6
ARK000244	376919	7263160	5	5	20000	65	175	340	16	13
ARK000245	376930	7263193	4	9	34000	108	100	550	7	11
ARK000267	375621	7263414	9	5	17000	43	105	250	14	22
ARK000268	375709	7263221	4	133	55000	689	270	2335	82	103
ARK000269	375685	7263548	2	1	500	172	3	5	1	1
ARK000270	375602	7263730	2	1	500	172	3	10	1	1
ARK000271	375544	7264100	4	3	27000	280	65	340	17	10
ARK000272	375837	7263395	5	7	32000	11	45	565	6	6
ARK000273	376196	7263454	8	55	46000	1119	100	1820	9	85
ARK000274	376204	7263442	5	6	26000	11	55	450	7	9
ARK000275	376219	7263218	4	4	18000	86	175	300	16	12
ARK000276	376417	7263313	5	6	30000	43	60	405	9	10
ARK000277	376554	7263581	2	4	13000	86	85	295	18	6
ARK000278	376774	7263290	4	7	30000	108	120	500	20	11
ARK000279	376958	7264199	5	2	17000	258	75	195	11	7
ARK000280	378301	7265418	4	1	23000	43	50	130	3	11
ARK000281	378251	7265340	2	1	11000	43	30	90	14	2
ARK000282	377923	7265655	3	4	59000	86	20	495	9	1
ARK000283	376685	7265616	4	1	12000	65	20	115	6	1
ARK000284	376088	7264983	4	3	23000	108	80	235	11	16
ARK000285	381978	7263541	3	3	79000	11	10	515	1	4
ARK000286	383422	7262470	510	44	10000	431	85	535	3	77
ARK000287	383364	7262452	36	50	38000	172	70	1830	8	31
ARK000288	383337	7262460	19	87	43000	775	75	1915	15	68
ARK000289	386740	7262631	2	12	95000	22	5	880	1	2
ARK000290	386964	7262933	5	5	60000	11	40	365	4	16
ARK000291	387007	7263009	5	6	41000	11	10	260	3	1
ARK000292	387021	7263308	4	7	72000	11	15	410	1	4
ARK000293	386897	7263704	3	5	59000	43	3	325	1	1
ARK000294	386565	7263092	4	6	51000	11	15	325	2	2
ARK000295	386323	7262991	5	4	35000	11	15	290	19	4
ARK000296	385706	7263178	5	8	54000	43	10	425	21	1
ARK000297	385304	7263278	9	11	14000	151	40	220	77	7
ARK000298	384765	7263214	5	2	25000	22	30	215	28	10
ARK000299	384082	7263398	11	4	33000	11	45	285	15	12
ARK000300	378259	7261594	27	7	32000	11	95	560	3	28
ARK000401	378413	7261587	5	10	33000	22	85	890	9	20
ARK000402	378569	7261548	28	18	41000	65	60	1335	6	49
ARK000403	378573	7261555	7	115	51000	1227	95	3405	32	95
ARK000404	378814	7261928	173	25	42000	65	90	1365	4	93
ARK000405	378816	7262243	3	10	30000	108	100	905	6	51
ARK000406	378913	7262288	26	15	31000	43	85	1025	11	27
ARK000407	379366	7262418	3	10	30000	43	70	750	6	17
ARK000408	379552	7262327	109	14	18000	11	85	535	5	133
ARK000409	379540	7262318	18	86	46000	1227	100	2220	36	70
ARK000410	379781	7262716	27	9	35000	11	80	810	3	60
ARK000411	380275	7262626	4	6	15000	11	65	395	8	13
ARK000412	378588	7262752	6	7	25000	65	75	500	8	12
ARK000413	388063	7261977	4	6	29000	517	65	580	2	13
ARK000414	388042	7261997	4	3	20000	151	40	275	2	40
ARK000415	388063	7262057	3	6	40000	194	40	560	8	2
ARK000416	388071	7262144	5	5	31000	11	10	355	1	1
ARK000417	388368	7262099	4	6	34000	151	25	490	2	1
ARK000418	388383	7262086	3	5	36000	151	20	510	1	1
ARK000419	388832	7261950	4	9	21000	108	20	325	1	6
ARK000420	388822	7261949	3	3	9000	129	25	175	1	5
ARK000421	388902	7262151	6	5	12000	108	25	165	5	9
ARK000422	388867	7262139	5	5	22000	86	20	265	2	1

## Appendix 1 (cont.) – Aston Project Rock Chip Sampling – LCT Results (ppm)

Sample ID	Easting	Northing	Be	Cs	K	Li2O	Nb	Rb	Sn	Ta2O
ARK000423	384486	7262261	45	8	31000	11	40	640	1	27
ARK000424	384498	7262246	277	5	7000	43	100	155	1	71
ARK000425	384498	7262246	228	5	5000	11	75	155	1	65
ARK000426	384703	7262199	136	8	18000	43	60	345	1	29
ARK000427	384732	7262180	35	2	4000	22	95	90	1	32
ARK000428	384755	7262189	148	6	5000	43	90	115	1	33
ARK000429	384797	7262191	10	15	43000	65	75	665	2	13
ARK000430	384349	7262292	59	5	28000	65	70	340	2	20
ARK000431	384221	7262278	35	11	62000	22	35	890	2	11
ARK000432	384145	7262292	83	15	46000	43	55	815	2	20
ARK000433	383676	7262447	234	2	21000	43	90	225	4	44
ARK000434	376843	7259618	1	1	68000	11	3	160	1	1
ARK000435	376713	7259382	4	1	9000	11	3	35	2	1
ARK000436	376732	7259374	1	1	2000	22	10	3	1	1

## Appendix 2 – Aston Project Rock Chip Sampling – REE Results (ppm)

Sample ID	Easting	Northing	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	TREO
ARK000184	415065	7269090	10.3	24.2	3.1	14.4	4.7	1	5	0.8	5.9	1.3	4.2	0.7	5.5	1.5	53	163
ARK000185	415069	7269083	11.4	43.3	8.3	47.7	21	5.3	26	4.1	28	5.5	18	2.8	23	5.6	217	565
ARK000186	378080	7263011	15	31.9	3.5	12.5	2.6	0.5	2	0.3	1.7	0.3	1	0.1	0.9	0.2	10	98
ARK000187	376989	7262678	39.7	78.5	8.7	30	5.4	1.4	5	0.7	4.6	0.9	2.8	0.4	2.3	0.5	26	244
ARK000188	378206	7259543	15.5	23.3	2.4	7.3	1.3	0.3	1	0.1	0.5	0.1	0.2	0.1	0.2	0.1	1.9	63
ARK000193	423690	7250123	34.7	61.5	8.2	26.5	5.3	0.5	4	0.5	3.1	0.6	1.7	0.2	1.4	0.2	16	194
ARK000194	424356	7250632	87.8	177	19	62.4	11	2.5	9	1.3	7.9	1.5	4.7	0.7	4.4	0.8	48	515
ARK000195	424356	7250631	110	189	23	77.1	13	1.7	9	1.3	7.9	1.4	4.2	0.6	3.6	0.7	45	574
ARK000196	424470	7250679	6.7	13.9	1.2	3.9	0.6	0.1	0.5	0.1	0.4	0.1	0.2	0.1	0.2	0.1	2.5	36
ARK000197	425246	7249986	37.8	53.3	8	26.5	5.2	0.7	3.5	0.6	3.1	0.6	1.6	0.3	1.6	0.3	14	185
ARK000198	425761	7248688	15	26	3.3	11.5	2	0.4	1.5	0.2	1	0.2	0.4	0.1	0.3	0.1	5	79
ARK000199	425868	7248669	8	16.3	1.6	5.7	1.3	0.3	1	0.1	0.9	0.2	0.5	0.1	0.6	0.1	6.2	51
ARK000200	425749	7247136	6.2	12.9	1.6	6.7	1.7	0.6	2	0.4	2.9	0.7	2.8	0.5	3.2	0.6	25	81
ARK000201	413886	7287908	1	4	0.3	1	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.2	2	12
ARK000202	413626	7287771	1	2	0.5	2	0.3	0.1	0.3	0.1	0.3	0.1	0.2	0.1	0.3	0.1	3	12
ARK000203	413080	7288269	6	13	1.5	6	2	0.3	1	0.2	2	0.3	0.7	0.2	1	0.1	10	53
ARK000204	412011	7287953	20	36	4.5	16	3.5	0.6	2.5	0.4	2.5	0.5	1	0.2	1	0.2	14	122
ARK000205	412023	7288879	4	9	1	3	1	0.2	1	0.2	1.5	0.3	0.6	0.1	0.5	0.1	8	36
ARK000206	411321	7289599	9	11	2	7	2	0.4	2	0.3	2	0.4	1.1	0.2	1.5	0.1	16	66
ARK000207	411045	7289319	0.5	3	0.3	1	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	8
ARK000208	410692	7287719	5	10	1	4	1	1	1	0.1	1	0.2	0.3	0.1	0.3	0.1	5	36
ARK000209	410548	7286945	18	10	4	15	5.5	0.4	5.5	0.7	3.5	0.7	1.6	0.3	1.5	0.4	30	116
ARK000210	410549	7286945	0.5	0.5	0.3	0.5	0.3	0.1	0.3	0.1	1	0.1	0.2	0.1	0.3	0.2	5	11
ARK000211	410323	7286595	0.5	2	0.3	0.5	1	0.1	0.5	0.2	1	0.2	0.3	0.1	0.5	0.1	7	17
ARK000212	410341	7286399	16	37	5	17	4.5	0.4	3.5	0.6	2.5	0.4	1	0.2	1	0.2	13	121
ARK000213	410388	7286215	2	4	0.5	2	0.3	0.1	0.3	0.1	1	0.1	0.3	0.1	0.5	0.2	5	19
ARK000214	410428	7286091	4	10	1	4	2	0.1	1	0.2	1.5	0.2	0.3	0.1	1	0.2	8	40
ARK000215	410754	7285799	0.5	2	0.3	2	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.2	1	9
ARK000216	406145	7287788	0.5	0.5	0.3	1	0.3	0.1	0.3	0.1	0.5	0.1	0.1	0.1	0.3	0.1	4	10
ARK000217	407053	7292601	2	3	0.3	2	0.3	0.5	0.3	0.1	0.5	0.1	0.3	0.1	0.3	0.1	3	15
ARK000218	406931	7292476	2	4	0.5	2	0.5	0.1	0.3	0.2	1	0.2	0.5	0.1	0.5	0.1	7	23
ARK000219	407170	7292049	1	3	0.3	2	0.3	0.1	0.3	0.1	0.5	0.1	0.2	0.1	0.3	0.2	4	15
ARK000220	406900	7291516	3	6	1	4	2	0.2	2.5	0.5	4	0.9	1.8	0.4	3	0.4	24	65
ARK000221	405819	7290777	0.5	2	0.3	1	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	0.5	7
ARK000222	405299	7290370	0.5	2	0.3	2	1	0.1	1	0.2	1	0.2	0.3	0.1	0.3	0.1	8	20
ARK000223	405025	7290398	5	11	1	4	1.5	0.2	2	0.3	1.5	0.2	0.4	0.1	0.5	0.1	8	43
ARK000224	405829	7289917	4	8	1	4	1	0.2	1	0.1	1	0.2	0.2	0.1	0.3	0.1	4	30
ARK000225	406166	7289574	3	5	0.5	3	0.5	0.1	0.3	0.1	0.3	0.1	0.2	0.1	0.3	0.1	3	19
ARK000226	406157	7289564	8	15	2	8	1.5	0.2	1.5	0.3	1	0.2	0.4	0.1	0.3	0.1	6	53
ARK000227	406542	7289158	3	3	0.5	2	0.5	0.1	1	0.1	0.5	0.1	0.2	0.1	0.3	0.1	5	20
ARK000228	406430	7288930	1	3	0.3	0.5	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	2	10
ARK000229	406822	7288055	7	16	2	8	2	0.1	2	0.4	3	0.5	1.4	0.3	2.5	0.1	19	77
ARK000230	404544	7288656	4	7	1	3	1	0.1	1	0.2	2	0.4	1.1	0.2	2	0.2	14	45
ARK000232	409527	7286427	3	6	0.5	2	0.5	0.1	0.5	0.2	0.5	0.1	0.3	0.1	0.3	0.2	4	22
ARK000233	409464	7287115	77	150	18	58	11	1.7	8	1.1	5	0.7	1.8	0.3	2	0.1	21	417
ARK000234	410337	7285479	80	156	18	61	11	1.7	8.5	1.4	8.5	1.8	4.6	0.8	5	0.6	46	477
ARK000235	413526	7285418	3	5	0.5	2	0.5	0.1	0.5	0.1	1	0.1	0.2	0.1	0.3	0.1	4	21
ARK000236	413124	7286031	18	34	4.5	18	3.5	0.6	4.5	0.6	3.5	0.7	1.6	0.2	1.5	0.1	21	133
ARK000237	413075	7286026	5	7	1	4	1	0.2	1	0.2	1	0.2	0.5	0.1	1	0.1	7	35
ARK000238	403126	7289173	2	4	0.3	1	1	0.1	1.5	0.3	1	0.2	0.1	0.1	0.3	0.1	8	24
ARK000239	404448	7289739	9	15	2.5	8	2.5	0.2	2.5	0.3	1.5	0.2	0.3	0.1	0.3	0.1	6	57
ARK000241	378305	7262996	5	9	1	5	2.5	0.1	2.5	0.4	1.5	0.2	0.3	0.1	0.3	0.1	6	40

## Appendix 2 (cont.) – Aston Project Rock Chip Sampling – REE Results (ppm)

Sample ID	Easting	Northing	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	TREO
ARK000242	376895	7262496	1	3	0.3	2	2.5	0.1	3.5	0.7	1.5	0.1	0.1	0.1	0.3	0.1	9	29
ARK000243	376944	7263190	8	20	0.5	10	5	0.1	4	0.6	3	0.5	1.1	0.2	1.5	0.1	20	89
ARK000244	376919	7263160	15	35	5	19	10	0.1	9.5	1.8	10	1.7	4.1	0.7	5.5	0.4	76	233
ARK000245	376930	7263193	7	16	2.5	9	4	0.1	4.5	0.7	4	0.6	1.2	0.3	1.5	0.1	25	92
ARK000246	422790	7251361	12	11	2	8	2	0.6	2.5	0.4	2.5	0.6	2	0.3	1.5	0.2	19	77
ARK000247	423356	7250099	5	8	1	4	0.5	0.1	1	0.2	1	0.4	0.8	0.2	2	0.1	10	41
ARK000248	424668	7250601	4	7	0.5	3	1	0.4	2.5	0.5	4	1.1	2.9	0.5	3.5	0.2	18	59
ARK000249	424746	7249198	15	15	3	12	3	0.1	3.5	0.5	2.5	0.7	1.5	0.2	1.5	0.4	16	89
ARK000250	425592	7248633	17	31	4	18	5.5	0.2	7.5	1.3	10	2.3	6.7	1.2	12	1	71	227
ARK000251	424407	7246669	7	11	1.5	5	1.5	0.3	1	0.2	1	0.3	0.6	0.1	0.5	0.4	7	44
ARK000252	423616	7246601	1	1	0.3	0.5	0.3	0.1	0.3	0.1	0.3	0.1	0.2	0.1	0.3	0.1	2	7
ARK000253	423471	7245909	2	3	0.5	2	0.5	0.1	1	0.1	1	0.2	0.4	0.1	0.5	0.1	5	20
ARK000254	423860	7245778	1	2	0.3	1	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	2	9
ARK000255	425383	7246631	138	39	24	97	14	2.3	18	2.1	12	2.4	6.1	0.8	4.5	0.4	69	507
ARK000256	424680	7260506	30	56	5.5	19	2.5	0.5	2	0.2	1	0.3	0.6	0.1	0.5	0.1	7	147
ARK000257	424677	7262311	7	11	1	4	1	0.3	2	0.4	3.5	1.2	4.3	1	9	1	34	97
ARK000258	424596	7262620	15	28	3.5	14	3	0.2	5.5	1.2	8	2.2	5.7	1.1	8	0.8	62	190
ARK000259	424618	7262902	7	14	1	5	1	0.4	1.5	0.2	1.5	0.4	1.4	0.2	2	0.4	11	56
ARK000260	405958	7263633	10	23	2.5	9	2.5	0.2	3.5	0.7	4.5	1	2.3	0.4	2.5	0.4	26	106
ARK000261	405334	7264007	20	40	5	18	5.5	0.2	8	1.5	11	2.6	6.6	1.1	8	0.6	67	233
ARK000262	403229	7264044	3	6	0.5	2	0.5	0.2	1	0.2	1.5	0.5	1.3	0.3	2	0.2	13	39
ARK000263	402838	7264247	1	3	0.3	0.5	0.3	0.3	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	0.5	8
ARK000264	403203	7264638	4	6	0.3	3	0.5	0.2	0.3	0.1	0.5	0.1	0.3	0.1	0.3	0.1	4	23
ARK000265	403468	7265141	1	2	0.3	0.5	0.3	0.4	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	0.5	7
ARK000266	403932	7267016	3	4	0.5	2	0.3	0.5	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	14
ARK000267	375621	7263414	5	15	1.5	9	5	0.1	5.5	0.9	5	0.7	1.5	0.4	3	0.1	34	104
ARK000268	375709	7263221	69	133	19	77	27	1.4	34	5	19	2.6	4.5	0.6	4	0.4	91	577
ARK000269	375685	7263548	300	548	54	182	17	2.9	17	2.7	14	2.9	6.1	1.2	6.5	0.8	78	1449
ARK000270	375602	7263730	434	762	76	273	35	4.5	14	1.2	5	1.1	2.3	0.4	3	0.2	29	1922
ARK000271	375544	7264100	15	36	4.5	22	8.5	0.2	11	1.8	8.5	1.5	3.2	0.5	4	0.6	52	202
ARK000272	375837	7263395	9	26	3.5	16	6	0.1	7	1	4	0.6	1	0.2	1	0.1	26	121
ARK000273	376196	7263454	62	131	14	55	9	1.2	7.5	1.2	5.5	1.3	2.9	0.5	3	0.2	31	383
ARK000274	376204	7263442	6	14	2	8	4	0.1	4.5	0.7	4	0.5	0.8	0.3	1.5	0.1	23	83
ARK000275	376219	7263218	12	31	4	16	7.5	0.1	7	1.2	6.5	1	2.6	0.4	3.5	0.4	45	166
ARK000276	376417	7263313	9	16	2	9	3	0.2	3	0.9	5	0.9	2.6	0.5	4	0.4	38	114
ARK000277	376554	7263581	23	69	5.5	21	6.5	0.3	6.5	1	4.5	0.7	1.5	0.2	2	0.2	29	203
ARK000278	376774	7263290	7	18	2.5	10	4	0.1	4	0.6	2.5	0.4	0.9	0.2	1.5	0.1	19	84
ARK000279	376958	7264199	13	29	3.5	15	6	0.1	5.5	0.9	4.5	0.8	1.8	0.4	3	0.2	29	134
ARK000280	378301	7265418	2	4	0.5	2	0.3	0.1	1	0.1	1	0.2	0.4	0.1	0.5	0.1	7	23
ARK000281	378251	7265340	7	14	1.5	7	1.5	0.1	2	0.4	2.5	0.5	1.2	0.2	2	0.2	14	64
ARK000282	377923	7265655	5	7	1	4	1	0.1	1.5	0.2	1.5	0.3	0.8	0.2	1.5	0.2	9	40
ARK000283	376685	7265616	21	44	6	25	7.5	0.4	9	1.8	12	2.8	8.7	1.9	17	2.8	76	282
ARK000284	376088	7264983	9	24	3	13	5	0.1	5.5	0.9	5.5	1.2	3.1	0.7	4.5	0.6	35	133
ARK000285	381978	7263541	0.5	1	0.3	0.5	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	5
ARK000286	383422	7262470	13	28	3.5	13	2	0.3	2	0.3	2	0.5	1.1	0.2	1	0.1	12	93
ARK000287	383364	7262452	0.5	0.5	0.3	0.5	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	0.5	4
ARK000288	383337	7262460	24	46	5	20	3.5	0.9	3.5	0.5	3	0.6	1.4	0.3	1.5	0.1	17	150
ARK000289	386740	7262631	8	13	1.5	6	1	0.4	0.5	0.1	0.3	0.1	0.2	0.1	0.3	0.1	2	39
ARK000290	386964	7262933	6	9	1	4	1.5	0.3	3	0.7	3.5	1	2.2	0.4	3.5	0.4	26	75
ARK000291	387007	7263009	15	31	3.5	16	5.5	0.4	9.5	2.3	13	3	7.7	1.3	9	1	111	278
ARK000292	387021	7263308	22	20	3.5	13	2	0.3	3	0.5	3	0.7	2	0.4	2.5	0.2	22	113
ARK000293	386897	7263704	7	13	1.5	7	1.5	0.4	3	0.7	4	1.4	3.4	0.7	4	0.4	38	104

## Appendix 2 (cont.) – Aston Project Rock Chip Sampling – REE Results (ppm)

Sample ID	Easting	Northing	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	TREO
ARK000294	386565	7263092	10	17	2.5	10	2.5	0.4	3	0.7	3.5	0.9	2.3	0.5	4.5	0.6	26	101
ARK000295	386323	7262991	18	37	5	20	6.5	0.3	7.5	1.6	7.5	1.6	3.6	0.7	4.5	0.4	46	191
ARK000296	385706	7263178	8	14	2	8	2	0.2	2.5	0.7	3	0.6	1.2	0.3	2	0.2	18	75
ARK000297	385304	7263278	11	24	2.5	12	4	0.1	4	1.1	5	1.3	3.7	0.8	5	0.8	43	142
ARK000298	384765	7263214	7	15	1.5	8	3.5	0.2	4	0.9	3.5	0.8	1.7	0.4	3	0.2	25	90
ARK000299	384082	7263398	8	17	2	8	3.5	0.1	3	0.6	3	0.7	1.4	0.4	3	0.2	22	87
ARK000300	378259	7261594	4	6	1	5	4	0.1	5	0.7	1	0.2	0.1	0.1	0.3	0.1	5	38
ARK000301	424405	7246671	0.8	1.2	0.1	0.5	0.2	0.1	0.3	0.1	0.2	0.1	0.1	0.1	0.2	0.1	1.1	6
ARK000302	424512	7246660	31.6	66.5	8.3	31.5	6.9	1.6	8.5	1.4	8.9	1.9	6	0.8	5.2	1.1	55	280
ARK000303	424756	7246570	32.1	43.2	9.6	35.4	7.4	1.6	6.5	1	6.1	1.1	3.5	0.5	3.1	0.6	35	222
ARK000304	424709	7246492	13.3	30.7	5.7	21.4	5.7	1.1	4	0.7	4.8	0.9	2.8	0.4	3.5	0.6	16	132
ARK000305	423623	7261366	11.9	23.3	2.1	7.1	1.2	0.3	1	0.1	0.5	0.1	0.2	0.1	0.2	0.1	2.5	59
ARK000306	423619	7261362	18.8	33.8	3.1	9.8	1.4	0.3	1	0.1	0.5	0.1	0.2	0.1	0.2	0.1	1.9	84
ARK000307	423631	7261346	89.6	142	13	40.4	6	1.2	4	0.4	2.1	0.3	0.8	0.1	0.6	0.1	8.7	363
ARK000308	424077	7261493	38.8	72.1	8.5	28.7	5.3	0.9	4	0.5	2.3	0.4	0.9	0.1	0.9	0.2	11	206
ARK000309	424842	7261325	36.1	61.1	6.8	23.6	4	0.7	3	0.4	1.9	0.3	0.8	0.1	0.6	0.1	9.3	175
ARK000310	403203	7264637	2.9	30.8	0.7	2.4	0.5	0.1	0.5	0.1	0.5	0.1	0.3	0.1	0.2	0.1	2.4	49
ARK000311	404893	7264363	103	202	22	77.6	13	2.5	9.5	1.1	6.2	1.1	3	0.4	2.3	0.5	28	555
ARK000312	403659	7266556	44.1	93.9	11	38.6	7.1	1.1	4	0.5	2.2	0.3	1.1	0.1	0.9	0.2	10	253
ARK000313	403660	7266550	53.1	105	12	40.3	7.2	1.1	4.5	0.5	2.3	0.4	1	0.1	0.7	0.1	11	281
ARK000314	403711	7266709	123	247	27	86.6	12	1.9	6.5	0.6	2.7	0.4	1.1	0.1	0.9	0.1	11	611
ARK000315	404366	7267475	358	639	64	203	24	5.8	14	1.6	7.9	1.2	3.2	0.4	2.4	0.4	35	1594
ARK000316	405645	7267014	109	233	25	82.5	14	2.6	11	1.5	9.1	1.6	5	0.7	4.3	0.8	51	648
ARK000317	405740	7270837	7.3	13.7	1.5	5	0.9	0.2	0.3	0.1	0.4	0.1	0.2	0.1	0.2	0.1	2.4	38
ARK000318	424566	7262115	3.6	8.5	0.7	2.7	0.4	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.1	0.1	1.6	22
ARK000320	375580	7264017	20.2	41.9	4.2	15.6	3.8	0.9	6.5	1.6	12	2.4	8.1	1.1	6.2	1.1	80	248
ARK000321	377002	7264109	55.6	93.7	18	68.9	17	2.9	16	2.7	16	3	8.9	1.4	8.4	1.5	72	457
ARK000322	377233	7264046	30	62.9	6.4	21.3	4.4	0.8	3.5	0.6	3.2	0.5	1.7	0.2	1.6	0.3	14	178
ARK000323	377371	7265032	67.8	181	19	80	19	4.2	19	3.3	20	3.8	12	1.9	12	1.9	90	633
ARK000324	376866	7265290	26.2	47.2	7.1	27.9	7	1.5	7	1.1	7.2	1.4	4.8	0.8	6.7	1	32	211
ARK000325	375406	7265172	46.1	94.4	10	35.5	6.8	0.8	4.5	0.7	3.4	0.6	1.8	0.3	1.6	0.4	15	261
ARK000326	378664	7261528	15.4	29.9	4.1	16.9	3.9	0.7	4	0.7	4	0.8	2.1	0.4	2.3	0.5	22	128
ARK000327	378160	7261126	28.6	75.2	6.6	22.9	5.1	1	3.5	0.6	3.1	0.7	1.8	0.4	2	0.4	11	191
ARK000328	381999	7262287	18.7	43.4	5	18.4	4	1	3.5	0.6	3.3	0.6	1.8	0.2	1.5	0.3	18	142
ARK000329	382144	7262256	20.3	39.7	4.4	16.4	3.4	0.7	3	0.5	2.7	0.5	1.4	0.2	1.1	0.3	16	130
ARK000330	382144	7262255	9.5	24.1	3.1	12.1	3.1	0.8	2.5	0.3	1.6	0.3	0.7	0.1	0.4	0.2	7.1	78
ARK000331	382144	7262257	21.8	48.4	5.1	18	4.3	0.6	3.5	0.6	3.3	0.5	1.4	0.2	0.9	0.2	16	148
ARK000332	382395	7262249	40.7	91.1	9	31.6	6.4	0.9	4.5	0.5	2.3	0.3	0.8	0.1	0.5	0.2	8.7	232
ARK000333	382429	7262232	7.3	11.8	1.7	5.9	1.6	0.4	1	0.1	0.7	0.2	0.3	0.1	0.2	0.1	3.2	41
ARK000334	382433	7262223	18.5	24.2	3.6	12.8	2.7	0.6	2	0.3	1.3	0.2	0.6	0.1	0.4	0.2	6.4	87
ARK000335	388038	7261994	28.7	63.7	6.9	25.7	4.7	1	3.5	0.5	3.1	0.5	1.6	0.2	1.3	0.3	13	183
ARK000336	419615	7264245	43.3	85.5	9.5	33.1	6.7	0.9	5.5	0.8	3.5	0.5	1.1	0.1	0.5	0.2	13	240
ARK000337	420518	7263006	193	390	37	121	16	2.5	8	0.7	2	0.3	0.6	0.1	0.8	0.2	7.1	913
ARK000338	420541	7263017	261	580	56	190	26	4.1	13	1	3	0.4	0.8	0.1	0.5	0.2	8.3	1340
ARK000339	420482	7263003	3.9	8	0.9	2.7	0.5	0.1	0.5	0.1	0.5	0.1	0.2	0.1	0.2	0.1	1.9	23
ARK000340	421948	7262926	13.2	29.6	4.2	17.1	4.5	0.4	4.5	0.8	4.7	0.8	2.5	0.3	1.9	0.4	29	135
ARK000341	421986	7262914	24.1	62.3	5.1	19.8	4.2	0.9	5	0.8	4.9	1	3.3	0.5	2.7	0.5	32	198
ARK000342	422933	7263917	27.3	57.2	6.2	22.1	4.4	0.9	3.5	0.5	2.4	0.4	1	0.1	0.7	0.2	9.7	161
ARK000343	429580	7242707	0.8	0.8	0.5	0.3	4.5	1.8	0.3	0.1	0.5	0.1	0.4	0.1	0.3	0.1	6.1	20
ARK000344	429615	7242724	0.8	1.2	0.5	0.3	0.4	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	5
ARK000345	431425	7243233	26.3	49.2	5.5	16.8	3.8	1	3	0.5	2.6	0.4	1.3	0.2	1	0.2	15	150
ARK000346	427488	7257498	2	3.2	0.7	1.1	0.7	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	11

## Appendix 2 (cont.) – Aston Project Rock Chip Sampling – REE Results (ppm)

Sample ID	Easting	Northing	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	TREO
ARK000347	441940	7256771	12.7	26.1	3.8	12.1	3.1	0.6	2.5	0.4	2.6	0.5	1.5	0.3	1.8	0.4	10	92
ARK000348	439574	7263209	6.4	11	1.7	4.7	1	0.2	1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	1.5	33
ARK000349	439436	7264082	48	101	11	38.6	7.6	0.5	7	1.3	8.5	1.6	4.8	0.7	3.9	0.6	50	339
ARK000401	378413	7261587	4	5	0.5	3	1.5	0.1	1.5	0.3	0.5	0.1	0.2	0.1	0.3	0.1	3	24
ARK000402	378569	7261548	4	4	0.5	3	0.5	0.1	1	0.1	0.3	0.1	0.3	0.1	0.3	0.1	3	20
ARK000403	378573	7261555	67	106	13	50	7	0.9	5.5	0.7	2	0.7	1.3	0.2	1.5	0.1	15	318
ARK000404	378814	7261928	3	4	0.5	2	0.5	0.1	0.5	0.1	0.3	0.1	0.2	0.1	0.3	0.1	2	16
ARK000405	378816	7262243	2	6	0.5	3	1.5	0.1	1	0.2	1	0.1	0.1	0.1	0.3	0.1	4	24
ARK000406	378913	7262288	2	3	0.5	2	1.5	0.1	2.5	0.5	1.5	0.1	0.2	0.1	0.3	0.1	5	23
ARK000407	379366	7262418	2	4	0.5	3	1.5	0.1	1	0.3	1	0.1	0.3	0.1	0.3	0.1	5	23
ARK000408	379552	7262327	2	4	0.5	2	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	13
ARK000409	379540	7262318	22	44	5	21	5	0.4	4	0.5	1.5	0.2	0.3	0.1	0.3	0.1	6	129
ARK000410	379781	7262716	6	9	1.5	5	1.5	0.2	1.5	0.3	1	0.1	0.1	0.1	0.3	0.1	4	36
ARK000411	380275	7262626	4	6	1	4	2.5	0.1	2	0.3	0.5	0.1	0.1	0.1	0.3	0.1	4	29
ARK000412	378588	7262752	4	10	1	5	3.5	0.1	3.5	0.7	2	0.1	0.3	0.1	0.3	0.1	8	46
ARK000413	388063	7261977	4	9	1	4	2.5	0.1	2	0.4	1.5	0.2	0.4	0.1	0.5	0.1	8	40
ARK000414	388042	7261997	5	13	1.5	5	2.5	0.1	2.5	0.5	2	0.3	0.7	0.2	1	0.1	11	54
ARK000415	388063	7262057	5	12	1.5	5	3	0.1	2.5	0.4	1.5	0.2	0.4	0.1	0.5	0.1	8	48
ARK000416	388071	7262144	5	9	1	4	2	0.1	2	0.3	1.5	0.2	0.4	0.1	0.5	0.1	8	41
ARK000417	388368	7262099	2	5	0.5	2	1.5	0.1	1.5	0.4	1.5	0.2	0.3	0.1	0.5	0.1	7	27
ARK000418	388383	7262086	3	7	1	4	2.5	0.1	3	0.5	2	0.3	0.8	0.2	1	0.1	11	44
ARK000419	388832	7261950	7	15	2	7	2	0.2	2	0.4	1.5	0.3	0.5	0.1	1	0.1	10	58
ARK000420	388822	7261949	3	20	1	3	1.5	0.2	1.5	0.4	1.5	0.3	0.8	0.1	1	0.1	9	52
ARK000421	388902	7262151	3	8	1	3	2	0.1	2	0.3	2	0.4	1.1	0.3	2.5	0.1	12	45
ARK000422	388867	7262139	10	17	2.5	8	3	0.3	3.5	0.8	4	0.8	1.8	0.4	3.5	0.4	25	97
ARK000423	384486	7262261	1	2	0.3	0.5	0.5	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	2	9
ARK000424	384498	7262246	2	3	0.3	2	0.5	0.1	0.5	0.1	0.3	0.1	0.1	0.1	0.3	0.1	3	15
ARK000425	384498	7262246	2	3	0.3	1	0.5	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	11
ARK000426	384703	7262199	2	3	0.3	1	1	0.1	0.5	0.2	1	0.1	0.1	0.1	0.3	0.1	4	16
ARK000427	384732	7262180	0.5	2	0.3	0.5	0.5	0.1	0.5	0.2	0.3	0.1	0.1	0.1	0.3	0.1	2	9
ARK000428	384755	7262189	2	3	0.3	1	1	0.1	1	0.2	1	0.1	0.2	0.1	0.3	0.1	4	17
ARK000429	384797	7262191	1	2	0.3	1	0.3	0.1	0.3	0.1	0.3	0.1	0.2	0.1	0.3	0.1	3	11
ARK000430	384349	7262292	9	18	2	7	2	0.3	1.5	0.3	1	0.1	0.3	0.1	0.3	0.1	5	55
ARK000431	384221	7262278	0.5	2	0.3	0.5	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	7
ARK000432	384145	7262292	0.5	0.5	0.3	0.5	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	5
ARK000433	383676	7262447	2	3	0.3	2	0.5	0.1	1	0.2	0.5	0.1	0.1	0.1	0.3	0.1	4	17
ARK000434	376843	7259618	14	25	2.5	9	1.5	1.1	0.5	0.1	0.3	0.1	0.2	0.1	0.3	0.1	3	68
ARK000435	376713	7259382	7	9	1	4	0.5	1	1	0.1	1	0.1	0.4	0.1	0.3	0.1	5	36
ARK000436	376732	7259374	48	102	12	44	7.5	0.9	6	0.9	3.5	0.9	2	0.3	2.5	0.2	17	291
ARK000437	416576	7269286	1	3	0.3	0.5	0.3	0.7	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	9
ARK000438	420100	7264732	4	6	0.5	3	0.3	1.1	1	0.1	1	0.3	0.7	0.1	0.5	0.1	7	31
ARK000439	419889	7264385	4	7	1	3	1	1.1	1	0.2	1	0.3	0.8	0.1	1	0.1	9	37
ARK000440	420035	7264202	17	32	4	15	2.5	0.9	2.5	0.5	1.5	0.3	0.5	0.1	0.5	0.1	8	101
ARK000441	419483	7263756	8	12	1.5	5	1	1.3	1	0.1	0.5	0.1	0.2	0.1	0.3	0.1	3	40
ARK000442	421601	7262678	11	27	3.5	16	5	0.9	6	1.3	6.5	1.5	3.2	0.6	3	0.6	39	150
ARK000443	422852	7263915	11	22	2.5	9	1.5	0.4	2	0.4	2.5	0.6	1.2	0.2	1.5	0.2	14	82
ARK000444	429583	7242721	2	1	0.3	0.5	14	5.3	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	4	33
ARK000445	431478	7243242	12	17	2	7	1.5	0.4	1.5	0.3	2	0.4	1.4	0.3	1.5	0.4	15	75
ARK000446	431730	7243285	10	16	2	7	1	0.7	1.5	0.2	1	0.2	0.5	0.1	1	0.1	7	57
ARK000447	445388	7260726	11	19	2	7	2	1	1	0.1	0.5	0.2	0.3	0.1	0.3	0.1	3	56
ARK000448	428916	7254832	5	7	1	3	0.3	0.7	0.5	0.1	0.3	0.1	0.3	0.1	0.3	0.1	3	25
ARK000449	428977	7254963	7	17	1.5	5	1	0.5	1.5	0.3	1.5	0.4	1.3	0.3	3	0.4	14	65

## Appendix 2 (cont.) – Aston Project Rock Chip Sampling – REE Results (ppm)

Sample ID	Easting	Northing	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	TREO
ARK000450	428032	7254858	4	8	1	3	1	0.4	2	0.5	3.5	1	2.4	0.5	3.5	0.6	22	64
ARK000451	427831	7254799	4	11	1	5	1.5	0.6	3	0.8	6	1.9	5.2	0.9	5.5	0.6	33	96
ARK000452	427236	7255134	2	3	0.3	0.5	0.3	0.6	0.3	0.1	0.3	0.1	0.2	0.1	0.3	0.1	1	10
ARK000453	426732	7255307	6	13	1	5	1	0.4	1.5	0.3	2.5	0.7	2	0.4	3	0.4	25	75
ARK000454	426292	7255179	6	12	1	5	1	0.6	1	0.2	0.5	0.2	0.5	0.1	0.3	0.2	6	41
ARK000455	425553	7255728	11	28	2.5	9	2	0.5	1.5	0.3	1	0.3	0.6	0.1	1	0.1	7	77
ARK000456	425847	7256335	1	2	0.3	0.5	0.3	0.3	0.3	0.1	0.3	0.1	0.2	0.1	0.3	0.1	3	10
ARK000457	426556	7257283	8	17	1.5	5	1	0.5	1.5	0.3	2	0.5	1.4	0.2	2	0.6	15	67
ARK000458	427094	7257691	6	11	1	4	1	0.3	1	0.3	2	0.5	1.6	0.3	2	0.4	14	54
ARK000459	427595	7257364	3	8	0.5	2	0.3	0.7	0.5	0.1	0.3	0.1	0.2	0.1	0.3	0.4	2	22
ARK000460	428599	7257080	0.5	2	0.3	0.5	0.3	0.5	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.2	0.5	7
ARK000461	428105	7257858	4	7	1	3	1	0.5	1.5	0.4	3	0.7	2.1	0.4	2	0.4	15	50
ARK000462	426151	7260366	3	6	0.3	1	0.3	0.6	0.3	0.1	0.3	0.1	0.3	0.1	0.3	0.1	3	18
ARK000463	443757	7259481	6	11	1	3	1	1.3	1	0.1	0.3	0.1	0.2	0.1	0.3	0.6	2	33
ARK000464	444416	7260387	5	9	1	4	1.5	0.2	1	0.2	1	0.1	0.3	0.1	0.3	0.2	5	34
ARK000465	444413	7260387	39	79	8.5	31	5.5	1.1	5	0.7	4	0.9	2.2	0.4	2.5	0.4	20	236
ARK000466	444730	7260586	4	7	1	3	1	0.7	1	0.2	1	0.1	0.3	0.1	0.3	0.1	3	27
ARK000467	444732	7260575	6	11	1.5	3	1	0.8	0.5	0.1	0.3	0.1	0.3	0.1	0.3	0.1	2	32
ARK000468	444732	7260588	8	12	1.5	5	1	0.9	1	0.2	1	0.1	0.3	0.1	0.3	0.4	4	42
ARK000469	444727	7260598	18	34	4	13	3	1.1	2.5	0.4	1	0.2	0.5	0.1	0.3	0.1	5	98
ARK000470	444703	7260591	26	50	5.5	19	5	1.2	3.5	0.4	1.5	0.2	0.5	0.1	0.3	0.1	5	139
ARK000471	444906	7260637	0.5	4	0.3	0.5	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.2	0.5	9
ARK000472	445024	7260615	6	11	1.5	4	1	1.5	0.5	0.2	0.5	0.1	0.2	0.1	0.3	0.1	3	35
ARK000473	445269	7260531	56	116	13	45	11	1.6	7.5	0.7	2.5	0.3	0.5	0.1	0.3	0.1	7	306
ARK000474	445540	7260460	22	40	5	16	3	1.3	2.5	0.2	1	0.1	0.2	0.1	0.3	0.2	3	111
ARK000479	444692	7260674	18	31	3.5	14	2.5	1.1	2	0.3	1	0.2	0.4	0.1	0.3	0.1	7	96
ARK000480	444687	7260631	16	31	3.5	12	2.5	1	2.5	0.3	1	0.1	0.3	0.1	0.3	0.1	4	88
ARK000481	443669	7260351	2	5	0.5	2	0.5	0.1	0.5	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	15
ARK000482	443316	7260415	3	3	0.5	2	0.5	0.1	0.3	0.1	0.5	0.1	0.2	0.1	0.3	0.6	3	17
ARK000483	443133	7260298	4	7	1	4	1	0.1	0.5	0.1	0.5	0.1	0.3	0.1	0.3	0.2	3	26
ARK000484	443058	7260304	9	13	2.5	9	1.5	0.4	1.5	0.3	2	0.3	0.6	0.1	1	0.4	8	59
ARK000485	442369	7260982	24	51	6	21	5	1.2	3.5	0.3	1.5	0.1	0.3	0.1	0.3	0.1	4	139
ARK000486	440537	7263306	6	12	1.5	5	2	0.5	2.5	0.4	3	0.5	1.8	0.4	4	0.8	19	71
ARK001001	404322	7293257	18	35	4	16	3.5	0.4	3	0.6	3	0.4	1.6	0.2	1	0.1	15	120
ARK001002	404371	7293253	10	23	3	10	3	0.4	2	0.3	2.5	0.2	0.7	0.1	0.5	0.1	10	78
ARK001003	404368	7293253	4	10	1.5	5	2.5	0.2	2.5	0.4	2.5	0.5	1.2	0.1	1	0.4	14	55
ARK001004	404417	7293276	2	6	0.5	2	1	0.3	1	0.2	1	0.2	0.8	0.1	1	0.1	7	28
ARK001005	404441	7293286	6	8	1.5	5	1	0.2	1	0.1	0.5	0.2	0.3	0.1	0.3	0.1	5	35
ARK001006	404508	7293287	4	8	1	4	1	0.3	1	0.2	1.5	0.2	0.9	0.1	1	0.2	9	39
ARK001007	404867	7293552	2	5	0.3	2	0.5	0.1	0.3	0.1	0.5	0.1	0.4	0.1	0.5	0.4	4	19
ARK001008	404872	7293748	8	12	1.5	6	1	0.7	1	0.2	1	0.2	0.5	0.1	0.3	0.2	5	44
ARK001009	405248	7292797	14	26	3	11	2	0.6	2	0.4	2.5	0.6	1.3	0.2	1.5	0.2	16	97
ARK001010	405748	7292805	2	5	0.5	3	0.5	0.2	1	0.1	1	0.2	0.4	0.1	0.5	0.2	5	23
ARK001011	405748	7292805	1	4	0.3	2	0.3	0.1	0.3	0.1	0.5	0.1	0.2	0.1	0.3	0.1	2	13
ARK001012	401320	7288964	8.7	8.6	2.5	9.2	3.2	0.5	4	0.8	4.2	0.7	2.2	0.3	2.1	0.4	25	87
ARK001013	401314	7288959	11.8	5.1	2.6	9.2	2.3	0.5	3	0.5	3.1	0.6	1.9	0.3	1.7	0.4	20	75
ARK001014	401314	7288959	0.5	0.5	0.3	0.5	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	0.5	4
ARK001015	401314	7288959	5.2	20.4	1.6	4.6	1.9	0.5	1	0.1	0.6	0.1	0.3	0.1	0.2	0.1	2.6	46
ARK001016	401314	7288959	51.4	373	13	48.9	14	3.1	11	1.6	8	1.2	3	0.4	2.1	0.3	32	661
ARK001017	401137	7288977	0.5	0.5	0.3	0.5	0.3	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.1	1	5
ARK001018	401092	7289012	7	18.7	2.3	8.4	2.4	0.6	2.5	0.5	3	0.6	1.9	0.3	1.8	0.4	23	88
ARK001019	409454	7287107	1	4	0.5	2	0.5	0.1	1	0.2	1	0.1	0.3	0.1	0.3	0.1	4	18

## Appendix 2 (cont.) – Aston Project Rock Chip Sampling – REE Results (ppm)

Sample ID	Easting	Northing	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	TREO
ARK001020	409493	7287113	5	15	1.5	4	1	0.1	1	0.2	0.5	0.1	0.1	0.1	0.3	0.1	1	35
ARK001021	409515	7287137	3	5	0.5	2	0.3	0.2	0.5	0.1	0.3	0.1	0.3	0.1	0.3	0.4	5	21
ARK001022	409475	7287453	2	3	0.3	1	0.3	0.2	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.4	1	11
ARK001023	409819	7287570	51	85	11	33	6	1.1	4.5	0.7	3	0.4	1.3	0.2	1	0.4	11	246
ARK001024	407200	7292320	2	3	0.3	1	0.3	0.2	0.3	0.1	0.5	0.2	0.3	0.1	0.3	0.4	3	14
ARK001025	407178	7292245	4	6	1	4	1	0.2	1.5	0.3	2	0.3	1	0.2	1	1	11	41
ARK001026	407121	7292137	5	6	1	3	1	0.3	0.5	0.2	1	0.2	0.3	0.1	0.3	0.2	4	27
ARK001027	407118	7291985	3	5	0.5	2	0.5	0.1	0.5	0.1	0.5	0.2	0.4	0.1	0.3	0.1	5	22
ARK001028	407088	7291953	15	31	3.5	13	2.5	0.2	2	0.3	1.5	0.2	0.3	0.1	0.3	0.1	7	91
ARK001029	408370	7291286	7	10	1	5	1.5	0.3	1.5	0.2	2	0.4	0.9	0.2	1	0.8	11	51
ARK001030	408241	7291286	2	3	0.3	1	0.3	0.1	0.3	0.1	0.5	0.1	0.4	0.1	0.3	0.8	4	16
ARK001031	408482	7291212	2	3	0.3	2	0.3	0.2	0.5	0.1	1	0.1	0.2	0.1	0.3	0.2	4	17
ARK001032	409147	7291280	5	8	1	4	1	0.3	1	0.2	0.5	0.2	0.6	0.1	0.3	0.8	5	33
ARK001033	409154	7291173	6	9	1.5	5	1	0.4	1	0.2	1.5	0.2	0.6	0.1	0.5	0.1	8	42
ARK001034	409326	7290710	3	5	0.5	2	0.3	0.4	1	0.1	1.5	0.2	0.9	0.2	1	0.4	7	28

## Appendix 3 – Aston/Moora/Koojan Projects – JORC Code 2012 Table 1 Criteria

The table below summarises the assessment and reporting criteria used for the Aston Project and reflects the guidelines in Table 1 of *The Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves* (the JORC Code, 2012).

### Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i>	No drilling results reported.  Rock samples comprise representative chip samples across outcrop with 2 – 3kg collected.  Soil samples comprise 100 – 300g, -2mm material collected 5 – 30cm below surface.  The IP survey was completed using the Dipole-Dipole (DDIP) configuration spacing. Equipment used included a 10kW GDD Transmitter (Tx) and the GDD Rx-II IP receiver system (Rx). Receiving electrodes were standard non-polarising porous pots and transmitter electrodes were buried metal plates.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	
	<i>Aspects of the determination of mineralisation that are Material to the Public Report.</i>  <i>In cases where 'industry standard' work has been done this would be relatively simple (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.</i>	No drilling reported.  Rock samples comprise multiple chips collected from multiple locations across outcrop.  Soil samples collected on regular grid spacing with no bias towards location.  No pXRF or spectrometer results reported.
<b>Drilling techniques</b>	<i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).</i>	No drilling reported.
<b>Drill sample recovery</b>	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	No drilling reported.
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	No drilling reported.
	<i>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.</i>	None noted.
<b>Logging</b>	<i>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.</i>	No drilling reported.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	No drilling reported.

Criteria	JORC Code explanation	Commentary
	<i>The total length and percentage of the relevant intersections logged.</i>	No drilling reported.
<b>Sub-sampling techniques and sample preparation</b>	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	No drilling reported.
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	No drilling reported.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	No drilling reported. Soil and rock samples dried to 105°C and pulverised to 80% passing 75µm. Sample preparation techniques are industry standards.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	No drilling reported.
	<i>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.</i>	No drilling reported. Rock and soil samples collected at right angles to interpreted strike of stratigraphy (where known).
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	Sample sizes are industry standards with established history of effectiveness.
<b>Quality of assay data and laboratory tests</b>	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	No drilling reported. Pegmatite samples are subject to peroxide fusion and assayed via ICP-MS or ICP-OES. Soil and other rock samples undergo 4 acid digest and assayed via ICP-MS or ICP-OES, excluding Au, Pd and Pt which are assayed by FA-OES. Digests are considered total.
	<i>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.</i>	No results reported.
	<i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established</i>	None included due to early stage of exploration. Assay labs insert own standards to ensure accuracy of results.
<b>Verification of sampling and assaying</b>	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	No drilling reported. IP survey data was downloaded and checked for location and quality on a daily basis. Noisy data stations were either repeated or omitted from the final databases.
	<i>The use of twinned holes.</i>	No drilling reported.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	Rock chip sample locations and descriptions digitally recorded in field and uploaded to central server nightly before loading into Company database. Soil sample locations and descriptions manually recorded in field and entered into Company database at end of field trip.

Criteria	JORC Code explanation	Commentary
		All databases backed up daily to external site.
	<i>Discuss any adjustment to assay data.</i>	None required.
<b>Location of data points</b>	<i>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.</i>	Mineral Resource estimate not being reported.
	<i>Specification of the grid system used</i>	Aston Project and Moora/Koojan Project: GDA94 Zone 50 Dingo Rocks Project: GDA94 Zone 51
	<i>Quality and adequacy of topographic control.</i>	Not recorded for surface samples.
<b>Data spacing and distribution</b>	<i>Data spacing for reporting of Exploration Results.</i>	No drilling reported. Rock chip sample spacing random depending on location of outcrops. Reconnaissance soil samples collected on 500x500m grid. Infill soil samples collected on 400x50m grid. DDIP surveys were completed on 400m spaced lines, with 50m dipole station spacing.
	<i>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.</i>	MRE not being prepared.
	<i>Whether sample compositing has been applied.</i>	No compositing undertaken.
<b>Orientation of data in relation to geological structure</b>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	Orientation of sampling at right angles to strike (where known) to ensure true widths represented. <b>Koojan Project - Khumsup Geophysics 2023 Dipole-Dipole Induced Polarisation Survey</b> Geophysical survey lines were oriented E-W, approximately across the general N-S trend of the mineralisation
	<i>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.</i>	No drilling reported
<b>Sample security</b>	<i>The measures taken to ensure sample security.</i>	Sample collection supervised by senior, experienced company personnel before being dispatched via reputable transport providers.
<b>Audits or reviews</b>	<i>The results of any audits or reviews of sampling techniques and data.</i>	None completed.

## Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i>	<b>Aston Project</b> The Aston Project comprises 13 granted exploration licences (E09/2114, E09/2156, E09/2302, E09/2358, E09/2463, E09/2464, E09/2472, E09/2607, E09/2628, E09/2629, E09/2630, E09/2641 and E09/2701). The tenement package covers 1,709km <sup>2</sup> located ~850km north of Perth, Western Australia. E09/2607, E09/2628, E09/2629, E09/2630, E09/2641 and E09/2701 are held by White Cliff Minerals Limited (WCN) via its wholly owned subsidiaries Magnet Resource Company Pty Limited and Electrification Metals Pty Ltd.

Criteria	JORC Code explanation	Commentary
		<p>Minerals 260 Limited (MI6) has completed Tenement Sale Agreements to acquire the above ELs and applications to transfer the ELs to MI6's wholly owned subsidiary ERL (Aust) Pty Ltd are pending with DMIRS.</p> <p>E09/2114, E09/2156, E09/2302, E09/2358, E09/2463, E09/2464 and E09/2472 are held by ERL (Aust) Pty Ltd.</p> <p>E09/2156 is subject to a royalty payable to Venus Metals Corporation Limited.</p> <p>The Aston Project covers part of 4 Native Title Determinations including the Thudgari (WAD6212/1998), Gnulli Gnulli (WAD22/2019), Wajarri Yamatji Part A (WAD6033/1998) and Budina (WAD131/2004).</p> <p><b>Moora/Koojan Projects</b></p> <p>The Moora Project comprises 3 granted exploration licences (E70/5217, E70/5286 and E70/5287). The tenement package forms a contiguous, 467km<sup>2</sup> area located ~150km NNE of Perth, Western Australia.</p> <p>All ELs are held by ERL (Aust) Pty Ltd, a wholly owned subsidiary of Minerals 260 Limited (MI6).</p> <p>MI6 has agreed to pay Armada Exploration Services:</p> <ul style="list-style-type: none"> <li>• \$1,000,000 cash; and</li> <li>• a 0.5% NSR</li> </ul> <p>if it discovers an economic mineral deposit and makes a decision to mine within the above tenements.</p> <p>The Koojan JV Project area totals ~550km<sup>2</sup> and comprises five granted Exploration Licences (ELs 70/5312, 70/5337, 70/5429, 70/5450 and 70/5515), and one application for a Prospecting Licence (PL 70/1743).</p> <p>All tenements are 100%-owned by Coobaloo Minerals Pty Ltd, which is owned 75% by Lachlan Star Limited (ASX: LSA) and 25% by private group Wavetime Nominees Pty Ltd.</p> <p>Minerals 260 (MI6) through its wholly owned subsidiary, ERL (Aust) Pty Ltd, has earned 30% equity in the Koojan JV by spending \$1,500,000 on in-ground exploration and has the right to increase this 51% equity if it spends \$4,000,000 within 5 years of Agreement execution.</p> <p>MI6 manages exploration on the JV - a JV committee will be established to operate the Project once it has reached 51% equity.</p> <p>Wavetime will be 25% free-carried until completion of a BFS after which it will have the right to contribute pro-rata or convert to a 2% NSR.</p> <p>The Moora and Koojan Projects are largely underlain by freehold properties used for broad acre cropping and livestock rearing. MI6 and Coobaloo have negotiated access agreements the properties where fieldwork has been completed and is in discussions with other landowners.</p> <p>ERL and Coobaloo have signed Heritage Agreements with the South West Aboriginal Land and Sea Council Aboriginal Council who act on behalf of the Yued Agreement Group.</p>
	<p><i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i></p>	<p>All tenements are in good standing.</p>

Criteria	JORC Code explanation	Commentary
<b>Exploration done by other parties</b>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	<p><b>Aston Project</b></p> <p>Multiple phases of exploration have been undertaken for base metals, gold, tungsten and uranium on localised areas within the Project. Detailed follow-up has defined a number of minor mineral occurrences with limited potential.</p> <p>Exploration completed by White Cliff Minerals includes a low level, detailed aeromagnetic and radiometric survey plus compilation of historic sampling.</p> <p><b>Moora/Koojan Projects</b></p> <p>Previous exploration for magmatic Ni-Cu-PGE sulphide mineralisation has been carried out over the central part of the Moora Project area by Poseidon NL (1968), Palladium Resources (1999 – 2001) and Washington Resources (2004 – 2009).</p> <p>This work included geophysical surveys, surface geochemistry and shallow drilling. Anomalous Ni+Cu+PGE+Au was defined within the shallow, weathered regolith.</p> <p>There has been no drill testing of the primary, unoxidised bedrock prior to M16 commencing work.</p>
<b>Geology</b>	<i>Deposit type, geological setting and style of mineralisation.</i>	<p><b>Aston Project</b></p> <p>The Aston Project is located within the Gascoyne Province of Western Australia. The Gascoyne Province is located between the Archaean Pilbara and Yilgarn cratons and comprises a Palaeoproterozoic to Mesoproterozoic assemblage of metasedimentary and metavolcanic supracrustal rocks intruded by multiple phases of granitoids.</p> <p>The Gascoyne Province has been affected by multiple deformation events associated with several major orogenies. Several major WNW/ESE trending crustal-scale structures which are considered important controls on local metallogeny cut the Project area.</p> <p>There are numerous pegmatites mapped in the region which are interpreted to be derived from granites belonging to the Neoproterozoic Thirty Three Supersuite (990 – 950Ma). The ubiquitous occurrence of tantalum associated with these pegmatites indicates prospectivity for lithium.</p> <p>The Project is also considered prospective for REE based on discoveries to the north and south hosted in a similar geological setting.</p> <p><b>Moora/Koojan Projects</b></p> <p>The Projects are located within the &gt;3Ga age Western Gneiss Terrain of the Archaean Yilgarn Craton of southwest Western Australia.</p> <p>The prospective mafic/ultramafic bodies lie within the highly deformed Jimperding Metamorphic Belt which locally comprises high grade metamorphic rocks of quartz feldspar composition with some amphibolite schist and minor banded iron formation. The Belt is up to 70 kilometres wide and bounded to the west by the Darling Fault (and Perth Basin) and to the east by younger Archaean rocks. Regionally the geological trend is north-westerly with moderate to steep north-easterly dips.</p> <p>NNE and NNW trending, Proterozoic dolerite dykes also intrude the geological sequence.</p>

Criteria	JORC Code explanation	Commentary
		<p>Outcrops are rare and bedrock geology is largely obscured by lateritic duricrust and saprolitic weathering. The clearing of farmland and related agricultural practices have further contributed to the masking of the bedrock.</p> <p>The intrusive mafic/ultramafic units are interpreted to form concordant igneous complexes at least 50m thick; however, the true dimensions are difficult to determine due to the limited outcrop.</p>
<b>Drill hole Information</b>	<p>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</p> <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul>	No drilling reported.
<b>Data aggregation methods</b>	<p>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</p>	No drilling reported.
	<p>Where aggregate 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.</p>	No drilling reported.
	<p>The assumptions used for any reporting of metal equivalent values should be clearly stated.</p>	None reported.
<b>Relationship between mineralisation widths and intercept lengths</b>	<p>These relationships are particularly important in the reporting of Exploration Results.</p> <p>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</p> <p>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</p>	No drilling reported.
<b>Diagrams</b>	<p>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 plan view of drill hole collar locations and appropriate sectional views.</p>	See attached document.
<b>Balanced reporting</b>	<p>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</p>	No drilling reported.
<b>Other substantive exploration data</b>	<p>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and</p>	<p>All meaningful and material data reported.</p> <p>Koojan Project - Khumsup Geophysics 2023 Dipole-Dipole Induced Polarisation Survey</p>

Criteria	JORC Code explanation	Commentary
	<i>method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>	<ul style="list-style-type: none"> <li>The survey undertaken by Khumsup Geophysics consisted of Dipole-Dipole Induced Polarisation (DDIP) geophysics over the lines defined in Figure 5</li> <li>The survey consisted of 2 E-W oriented 2.1 km long, totalling 4.2 line-km.</li> <li>Survey line spacing was 400 m, using a 50 m dipole spacing.</li> <li>Equipment used included a 10kW GDD Transmitter (Tx) and the GDD Rx-II IP receiver system (Rx). Receiving electrodes were standard non-polarising porous pots and transmitter electrodes were buried metal plates.</li> <li>The IP survey was completed using the Dipole-Dipole (DDIP) configuration.</li> <li>Data QAQC and analysis was completed by independent consultants Resource Potentials.</li> <li>Individual chargeability decays from each station were inspected and any noisy decays, bad repeat readings, or readings with very low primary voltage were flagged in the database and not used at any subsequent stage of the data processing.</li> <li>2D inversion modelling was completed on the DDIP data.</li> </ul>
<b>Further work</b>	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	<p><b>Aston Project</b></p> <ul style="list-style-type: none"> <li>Geological reconnaissance and prospecting.</li> <li>500x500m and /or 400x50m soil sampling.</li> </ul> <p><b>Moora/Koojan Projects</b></p> <ul style="list-style-type: none"> <li>DDIP surveys</li> <li>RC/DD Drilling</li> </ul> <p><b>Dingo Rocks Project</b></p> <ul style="list-style-type: none"> <li>Air-core drilling</li> </ul>