

Best intercept to date at Mt Ida Lithium Project

Highlights

- Fantastic result from infill drilling at the Mt Ida Lithium Project from the Sister Sam pegmatite;

IDRD077W2: 49.5 metres at 1.45% Li₂O from 387.5 metres including;

- **12.2 metres at 1.95% Li₂O** from 389.1 metres,
- **5.5 metres at 2.00% Li₂O** from 405.6 metres, and
- **5.7 metres at 1.90% Li₂O** from 418.3 metres.
- Multiple regional Air-Core ("AC") lithium anomalies present priority follow up targets.
- More than 200 holes and 60,000 metre drill program planned for 2023 to;
 - test the significant growth potential of the Mt Ida Lithium Project, and
 - increase understanding of the ore body to fast-track development.

Red Dirt Metals Limited (ASX: RDT) ("**Red Dirt**" or the "**Company**") is pleased to announce an update for its wholly owned Mt Ida Lithium Project ("**Mt Ida**") in the Eastern Goldfields region of Western Australia. As announced on 19 October 2022, Mt Ida has a global resource base of 12.7Mt @ 1.2% Li₂O and the Company is fast tracking the development of this resource base.

This fantastic drilling intercept from Sister Sam (Table 1) is the first received since resource estimation work completed in October 2022. Drilling up until the end of 2022 was predominantly focused on sample collection for metallurgical test work and RC drill pre-collars. This result, alongside the priority AC anomalies detected, demonstrates the significant growth potential at Mt Ida.

HoleID		From	To	Length	Li ₂ O %	Ta ₂ O ₅ ppm	Fe ₂ O ₃ %
IDRD077W2		387.5	437.0	49.5	1.45	183	0.54
	incl	389.1	401.3	12.2	1.95	202	0.46
	incl	405.5	411.0	5.5	2.00	192	0.51
	incl	418.3	424.0	5.7	1.90	204	0.48

Table 1: Assay results received by Red Dirt for IDRD077W2.

Commenting on the results Executive Chairman, David Flanagan said;

"Red Dirt is focused on starting operations in 2023 and then growing. We will do that by building a great project at Mt Ida and continuing to go hard on exploration. The capability of our small team to manage some very intensive campaigns and achieve excellent results as included herein, means we will maximise the opportunity for shareholders to benefit from current high prices."

The Company continues to progress diamond drilling as well as infill and expansion RC drilling programs across the Mt Ida Lithium Project. More than 20 intercepts are with the labs undergoing analysis with expected results in the next 6-12 weeks. The planned drill programs will cover more than 200 holes and 60,000m throughout 2023. Four priority AC anomalies have been identified in regional AC drilling designed to detect low tenor "host rock hanging wall" lithium anomalism and these will be followed up by RC drilling and likely to be reported in the June Quarter.

Results from the Sister Sam Pegmatite

The Sister Sam pegmatite is one of three (3) pegmatite resource zones defined at Mt Ida. Drill hole IDRD077W2 was designed to increase the resource confidence from Inferred to Indicated. The drill angle is perpendicular to the pegmatite and can be considered as true width and is the best drill intercept ever received at the Mt Ida Lithium Project.

The Company has also completed two (2) additional diamond tails to this hole, and each intersected the Sister Sam pegmatite, and has plans to complete numerous infill and extension holes at the Sister Sam, Timoni and Sparrow pegmatites to increase both the confidence and size of the resource.

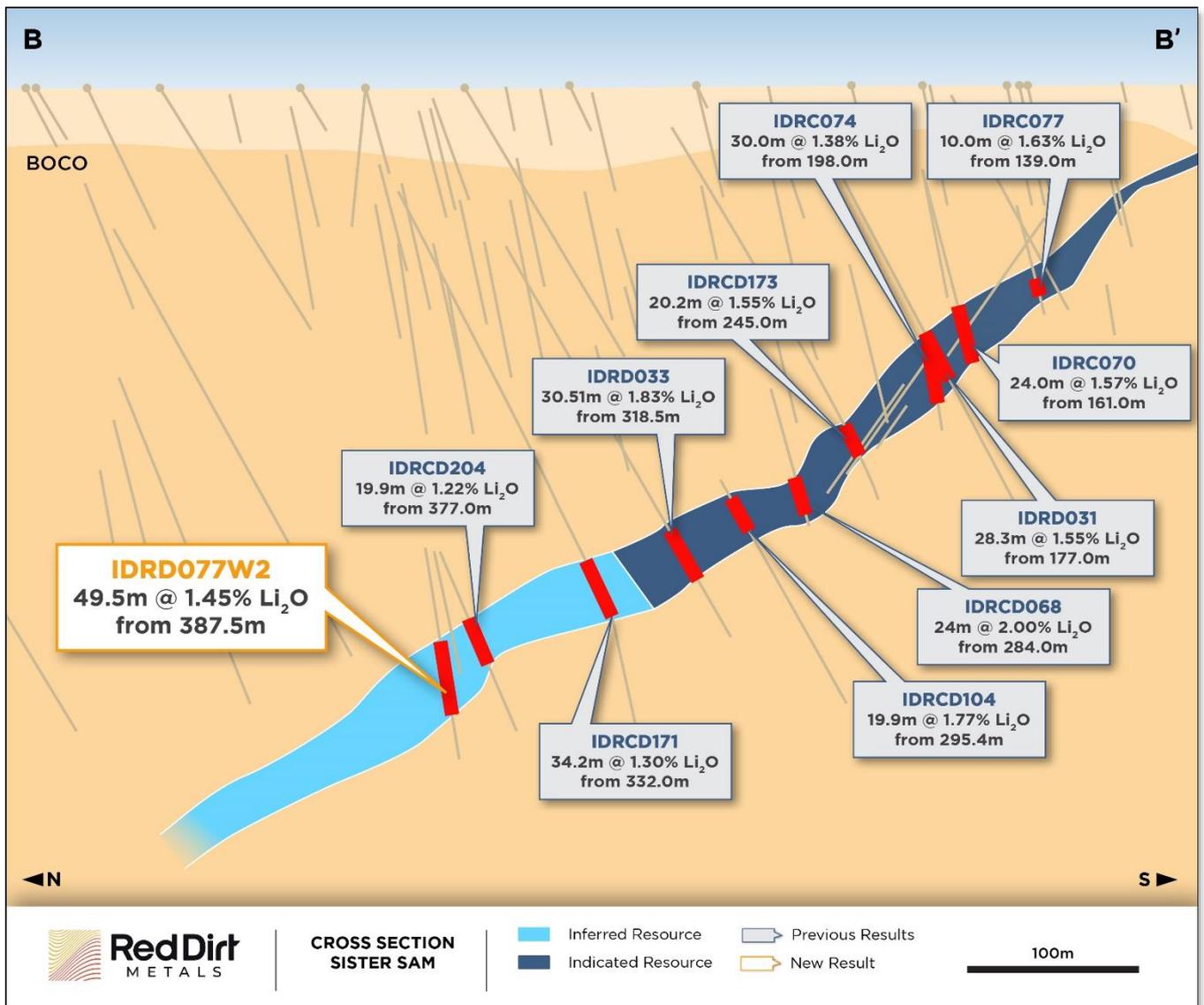


Figure 1: Sister Sam cross section showing IDRD077W2.

Results from the Regional AC Drilling

A program of AC drilling was targeted to follow up on regional soil sampling undertaken in H1 2022. The AC drilling was broad spaced and designed to detect the low tenor anomalism (60-240ppm Li) typically found in the host greenstone rocks up to 100m into the hanging wall of the pegmatites at Mt Ida.

Figure 2 (below), which is a cross section from the Sister Sam resource area, clearly demonstrates how significant seemingly low tenor Li anomalies are when they are observed in greenstones. A 100ppm anomaly in greenstone could indicate a significant Li bearing pegmatite in close proximity and warrants follow up RC work.

The AC drilling has detected four (4) lithium anomalies all found in the same geological position as the Sister Sam, Timoni and Sparrow pegmatites (See Figure 3). These near surface targets will be tested with RC drilling and the results will be likely be reported in the June quarter.

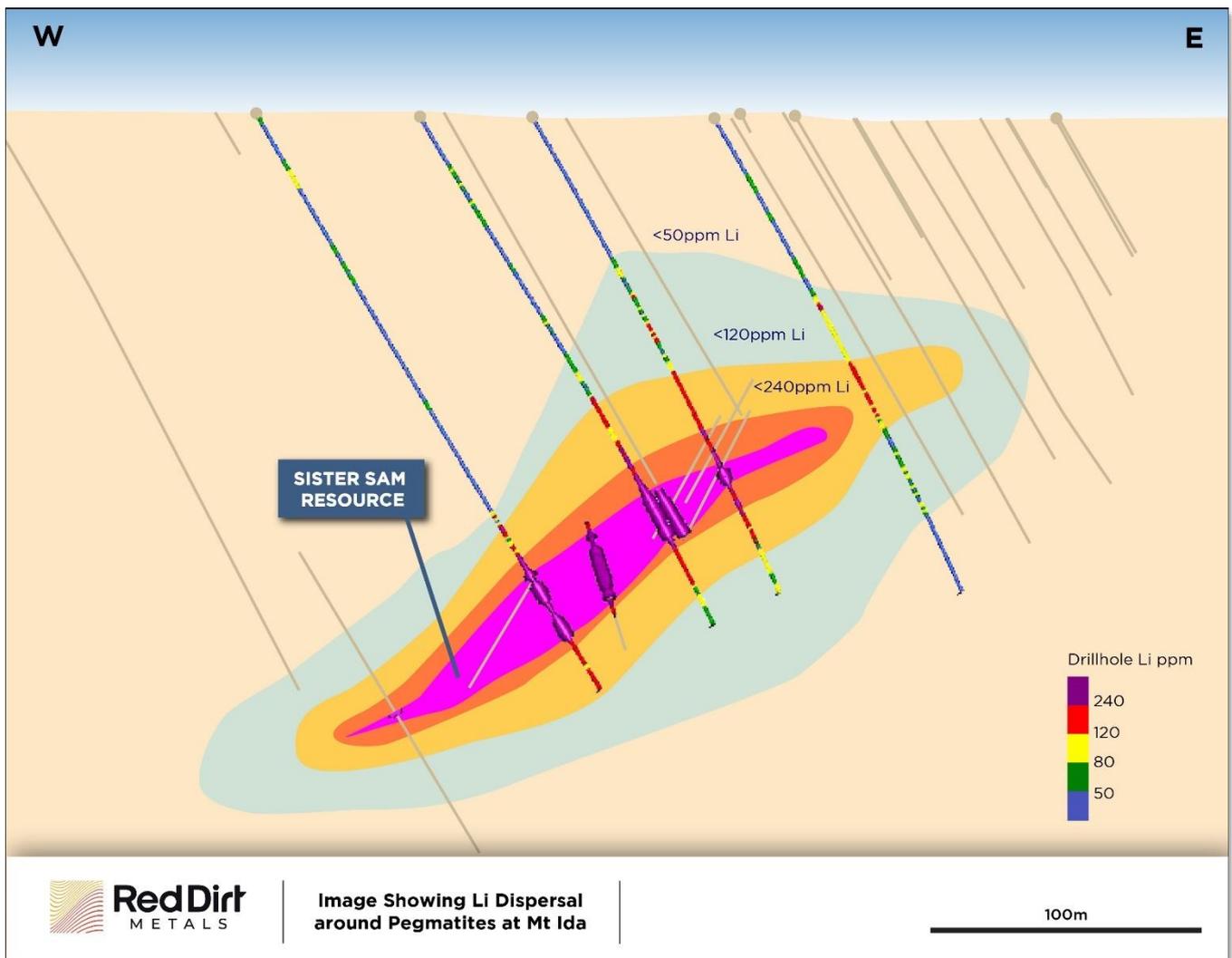


Figure 2: Section demonstrating low tenor lithium anomalism in the hanging wall of Mt Ida pegmatites. The AC program was designed to detect this anomalism.

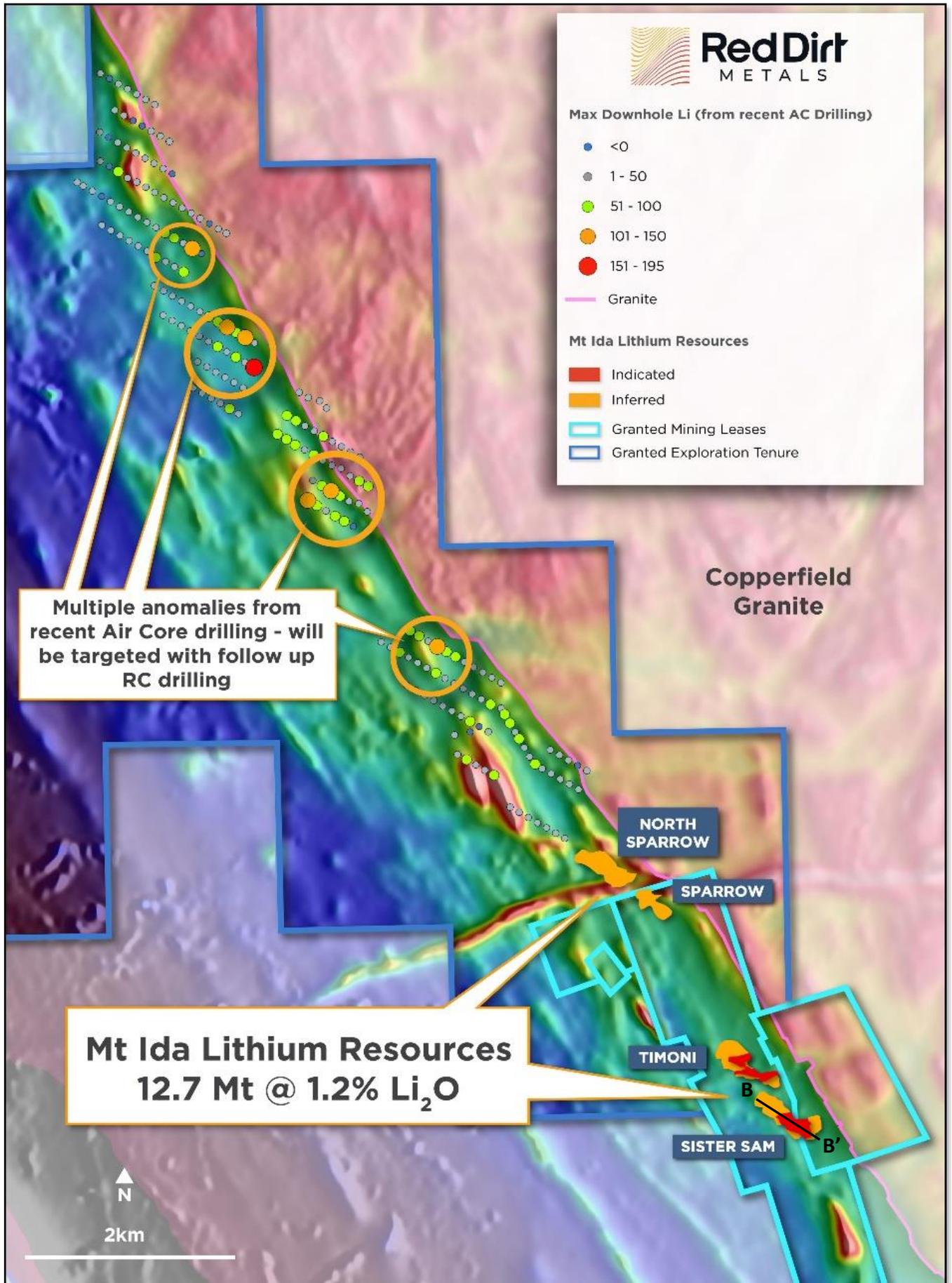


Figure 3: Map showing location of AC anomalies.

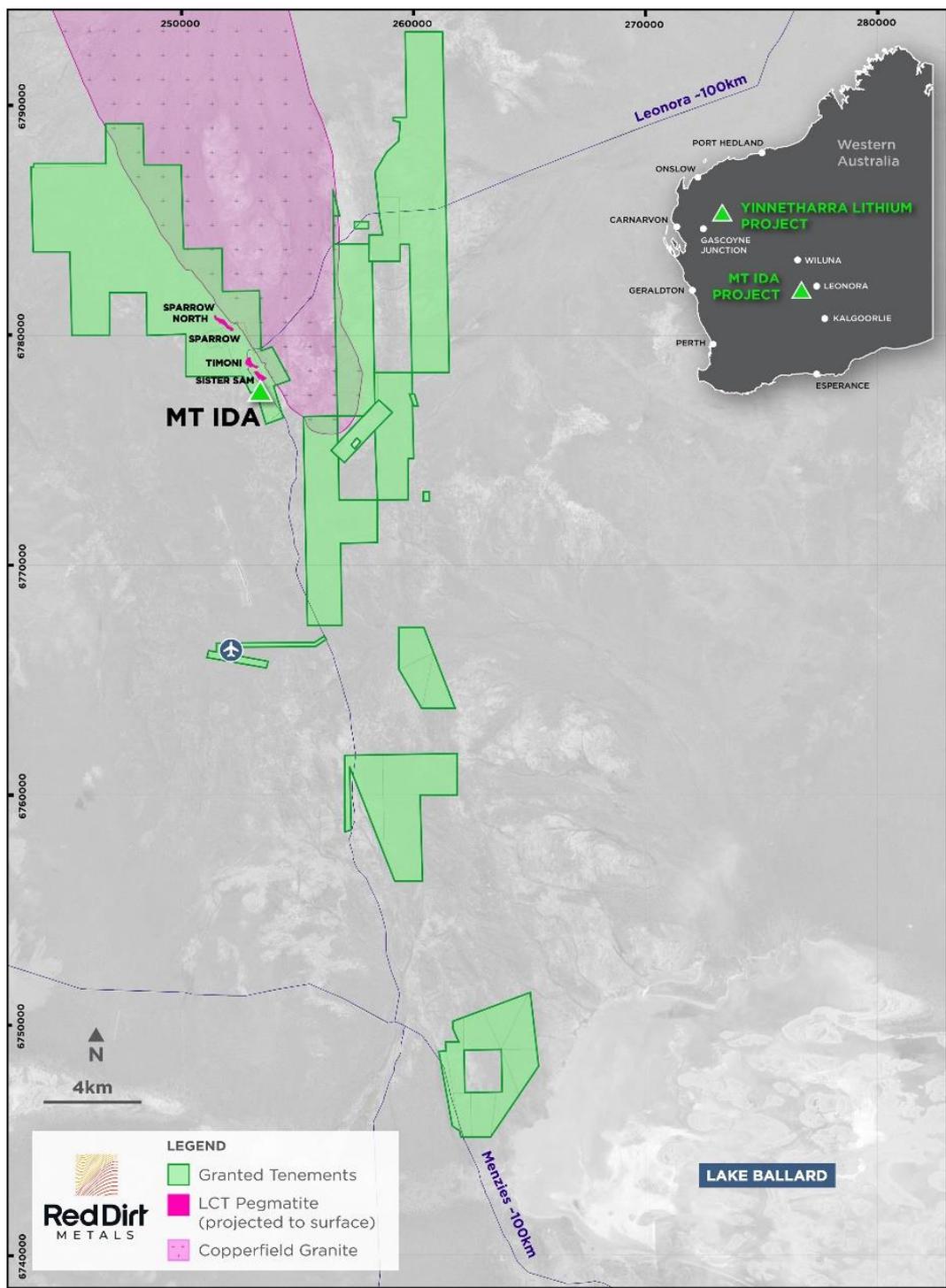


Figure 4: Regional map showing Mt Ida in relation to major infrastructure.

Authorised for lodgement by the Board of Red Dirt Metals.

For further information, please contact:

Red Dirt Metals Limited

David Flanagan, Chairman
 +61 8 6109 0104
info@reddirtmetals.com.au

Investor/Media enquiries

Citadel-MAGNUS
 Michael Weir +61 402 347 032
 Jono van Hazel +61 411 564 969

About Red Dirt Metals

Red Dirt Metals (ASX: RDT) is an exploration and development company focused on bringing high-quality, lithium-bearing pegmatite deposits, located in Western Australia, into production. With a strong balance sheet and an experienced team driving the exploration and development workstreams, Red Dirt is rapidly advancing its Mt Ida Lithium Project towards production. The Mt Ida Lithium Project has a global Mineral Resource Estimate of 12.7Mt @ 1.2% Li₂O and holds a critical advantage over other lithium developers with existing Mining Leases and heritage agreements in place. To capitalise on the prevailing buoyant lithium market, Red Dirt is pursuing a rapid development pathway to unlock maximum value for shareholders, whilst at the same time undertaking drilling activities to expand the footprint of the Mineral Resource.

Red Dirt also holds the highly prospective Yinnetharra Lithium Project that is already showing signs of becoming one of Australia's most exciting lithium regions. The Company is currently undergoing an extensive 400 drill hole campaign to be completed throughout 2023.

Competent Person's Statement

Information in this Announcement that relates to exploration results is based upon work undertaken by Mr. Charles Hughes, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy (AUSIMM). Mr. Hughes has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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' (JORC Code). Mr. Hughes is an employee of Red Dirt Metals Limited and consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Refer to www.reddirtmetals.com.au for past ASX announcements.

Past Exploration results and Mineral Resource Estimates reported in this announcement have been previously prepared and disclosed by Red Dirt in accordance with JORC 2012. The Company confirms that it is not aware of any new information or data that materially affects the information included in these market announcements. The Company confirms that the form and content in which the Competent Person's findings are presented here have not been materially modified from the original market announcement, and all material assumptions and technical parameters underpinning Mineral Resource Estimates in the relevant market announcement continue to apply and have not materially changed. Refer to www.reddirtmetals.com.au for details on past exploration results and Mineral Resource Estimates.

Disclaimer

This release may include forward looking and aspirational statements. These statements are based on Red Dirt management's expectations and beliefs concerning future events as of the time of the release of this announcement. Forward looking and aspirational statements are necessarily subject to risks, uncertainties and other factors, some of which are outside the control of Red Dirt, that could cause actual results to differ materially from such statements. Red Dirt makes no undertaking to subsequently update or revise the forward looking or aspirational statements made in this release to reflect events or circumstances after the date of this release, except as required by applicable laws and the ASX Listing Rules.

Appendix 1: Table showing Air Core drill hole details completed by Red Dirt at the Mt Ida Lithium Project referenced in this announcement

HoleID	MGA_East	MGA_North	MGA_RL	Depth	Dip	MGA_Azi	Li
IC063	246851	6788282	430.49906	10	-55	120	20
IC064	246937	6788232	430.49644	7	-55	120	-5
IC065	247024	6788182	430.49814	23	-55	120	19
IC066	247111	6788132	430.50318	15	-55	120	16
IC067	247197	6788082	430.50053	40	-55	120	11
IC068	247284	6788032	430.5005	64	-55	120	28
IC069	247370	6787982	430.50068	63	-55	120	22
IC070	246989	6787928	431.44987	31	-55	120	33
IC071	247075	6787878	430.92083	37	-55	120	20
IC072	247162	6787828	431.43523	10	-55	120	-5
IC073	247249	6787778	431.4993	18	-55	120	-5
IC074	247335	6787728	431.09391	49	-55	120	15
IC075	247422	6787678	430.95447	69	-55	120	20
IC076	247508	6787628	430.83399	66	-55	120	14
IC077	246843	6787717	432.22991	4	-55	120	23
IC078	246929	6787667	432.14069	7	-55	120	-5
IC079	247016	6787617	432.49966	26	-55	120	17
IC080	247103	6787567	431.98818	9	-55	120	15
IC081	247189	6787517	431.79698	14	-55	120	22
IC082	247276	6787467	431.84494	30	-55	120	23
IC083	247362	6787417	431.86035	30	-55	120	21
IC084	247449	6787367	431.78323	52	-55	120	26
IC085	247536	6787317	431.49886	49	-55	120	
IC086	246850	6787439	432.54212	3	-55	120	13
IC087	246937	6787389	433.00027	37	-55	120	-5
IC088	247023	6787339	432.7911	64	-55	120	64
IC089	247110	6787276	432.88098	25	-55	120	14
IC090	247197	6787239	432.87427	44	-55	120	36
IC091	247283	6787189	432.99877	34	-55	120	38
IC092	247370	6787139	432.50876	7	-55	120	14
IC093	247456	6787089	432.14113	22	-55	120	13
IC094	247543	6787039	431.97329	23	-55	120	12
IC095	247630	6786989	431.5549	24	-55	120	26
IC096	247716	6786939	431.37092	11	-55	120	15
IC097	247803	6786889	431.17592	19	-55	120	14
IC098	247889	6786839	431.1293	14	-55	120	-5

IC099	247976	6786789	431.0389	45	-55	120	27
IC100	248050	6786746	430.99888	48	-55	120	20
IC101	246630	6787236	434.00197	7	-55	120	11
IC102	246688	6787201	434.00131	13	-55	120	20
IC103	246775	6787151	434.01487	10	-55	120	18
IC104	246862	6787101	434.00817	16	-55	120	-5
IC105	246948	6787051	434.00017	35	-55	120	39
IC106	247035	6787001	433.88723	21	-55	120	24
IC107	247122	6786951	433.74389	23	-55	120	20
IC108	247208	6786901	433.52959	29	-55	120	17
IC109	247295	6786851	433.40638	45	-55	120	13
IC110	247381	6786801	433.04235	54	-55	120	49
IC111	247468	6786751	432.87315	59	-55	120	57
IC112	247555	6786701	432.49834	37	-55	120	62
IC113	247641	6786651	432.43871	24	-55	120	33
IC114	247728	6786601	432.44547	24	-55	120	136
IC115	247814	6786551	432.31724	15	-55	120	-5
IC116	246866	6786824	434.96991	7	-55	120	18
IC117	246952	6786774	434.53356	17	-55	120	15
IC118	247039	6786724	434.49932	28	-55	120	27
IC119	247125	6786674	434.40192	44	-55	120	49
IC120	247212	6786624	434.49838	28	-55	120	39
IC121	247299	6786574	434.03855	22	-55	120	24
IC122	247377	6786515	433.99987	12	-55	120	51
IC123	247472	6786474	433.60639	23	-55	120	34
IC124	247558	6786424	433.49702	22	-55	120	29
IC125	247645	6786374	433.49699	36	-55	120	51
IC126	247366	6786244	434.82378	12	-55	120	13
IC127	247453	6786194	434.46158	8	-55	120	14
IC128	247539	6786144	434.50576	14	-55	120	21
IC129	247626	6786094	435.00054	40	-55	120	18
IC130	247712	6786044	435.01294	38	-55	120	26
IC131	247799	6785994	435.51419	35	-55	120	33
IC132	247886	6785944	435.89202	74	-55	120	56
IC133	247972	6785894	435.94559	60	-55	120	100
IC134	248059	6785844	436.00025	56	-55	120	101
IC135	248145	6785794	435.99873	54	-55	120	62
IC136	248232	6785744	436.47568	54	-55	120	118
IC137	248319	6785694	436.79803	45	-55	120	17

IC138	247449	6785957	436.04155	2	-55	120	13
IC139	247535	6785907	436.13849	2	-55	120	16
IC140	247622	6785857	436.5534	15	-55	120	12
IC141	247709	6785807	436.49937	14	-55	120	14
IC142	247795	6785757	436.84938	3	-55	120	21
IC143	247882	6785707	436.99839	25	-55	120	21
IC144	247968	6785657	437.05822	40	-55	120	51
IC145	248055	6785607	437.3702	57	-55	120	23
IC146	248142	6785557	438.00927	68	-55	120	61
IC147	248228	6785507	438.51918	76	-55	120	47
IC148	248315	6785457	438.53711	85	-55	120	195
IC149	247691	6785562	438.03407	3	-55	120	-5
IC150	247778	6785512	438.00171	43	-55	120	25
IC151	247865	6785462	438.54788	33	-55	120	39
IC152	247951	6785412	439.18258	49	-55	120	17
IC153	248038	6785362	439.95451	39	-55	120	26
IC154	248124	6785312	440.58122	60	-55	120	15
IC155	248211	6785262	440.49512	34	-55	120	23
IC156	247734	6785262	439.97825	14	-55	120	11
IC157	247821	6785212	440.45646	44	-55	120	19
IC158	247908	6785162	441.57399	21	-55	120	12
IC159	247994	6785112	444.93471	49	-55	120	20
IC160	248081	6785062	444.93557	40	-55	120	61
IC161	248167	6785012	441.95527	41	-55	120	28
IC162	248745	6785217	439.49993	61	-55	120	11
IC163	248832	6785167	440.01686	48	-55	120	27
IC164	248941	6785136	439.97414	68	-55	120	18
IC165	249005	6785067	439.51107	72	-55	120	42
IC166	248628	6784995	441.03721	82	-55	120	100
IC167	248715	6784945	441.48512	85	-55	120	94
IC168	248801	6784895	442.00046	60	-55	120	19
IC169	248888	6784845	441.24164	38	-55	120	14
IC170	248975	6784795	440.99861	45	-55	120	81
IC171	249061	6784745	441.93598	52	-55	120	36
IC172	249148	6784695	442.10355	43	-55	120	21
IC173	249234	6784645	442.4947	76	-55	120	13
IC174	249321	6784595	442.69513	82	-55	120	30
IC175	248537	6784816	446.29085	91	-55	120	97
IC176	248624	6784766	443.95622	75	-55	120	99

IC177	248707	6784712	442.48708	65	-55	120	79
IC178	248797	6784666	442.21043	66	-55	120	36
IC179	248884	6784616	441.75435	53	-55	120	88
IC180	248970	6784566	442.0194	45	-55	120	16
IC181	249057	6784516	442.96749	44	-55	120	21
IC182	249145	6784487	443.36683	42	-55	120	25
IC183	249230	6784416	443.84878	62	-55	120	15
IC184	249317	6784366	444.4026	64	-55	120	56
IC185	249403	6784316	445.10546	84	-55	120	74
IC186	248875	6784371	443.71452	67	-55	120	49
IC187	248961	6784321	443.4889	73	-55	120	59
IC188	249048	6784271	444.56628	77	-55	120	132
IC189	249135	6784221	445.00237	65	-55	120	52
IC190	249221	6784171	445.17952	33	-55	120	23
IC191	249312	6784149	445.9833	54	-55	120	29
IC192	249394	6784071	447.00025	57	-55	120	15
IC193	248827	6784179	444.49078	66	-55	120	133
IC194	248914	6784129	445.49543	43	-55	120	61
IC195	249000	6784079	445.76953	57	-55	120	47
IC196	249087	6784029	445.88285	54	-55	120	73
IC197	249174	6783979	446.02985	54	-55	120	69
IC198	249260	6783929	446.6721	62	-55	120	
IC199	249802	6782927	449.54158	51	-55	120	70
IC200	249888	6782877	450.47294	49	-55	120	53
IC201	249975	6782827	451.74918	49	-55	120	29
IC202	250062	6782777	452.13164	67	-55	120	135
IC203	250148	6782727	452.88653	62	-55	120	90
IC204	250235	6782677	453.91117	67	-55	120	92
IC205	250321	6782627	454.52483	28	-55	120	24
IC206	250408	6782577	454.3099	26	-55	120	19
IC207	250495	6782527	452.56913	13	-55	120	12
IC208	250581	6782477	451.99754	15	-55	120	13
IC209	250668	6782427	452.72448	27	-55	120	19
IC210	249528	6782820	449.60173	60	-55	120	29
IC211	249615	6782770	450.52774	68	-55	120	41
IC212	249702	6782720	451.12807	61	-55	120	51
IC213	249788	6782670	452.65497	49	-55	120	18
IC214	249875	6782620	454.25302	61	-55	120	26
IC215	249961	6782570	455.36901	57	-55	120	16

IC216	250048	6782520	455.81883	54	-55	120	60
IC217	250135	6782470	455.44309	42	-55	120	10
IC218	250221	6782420	455.49897	55	-55	120	24
IC219	250308	6782370	454.86161	41	-55	120	13
IC220	250394	6782320	453.89221	25	-55	120	31
IC221	250481	6782270	453.49247	34	-55	120	19
IC222	250568	6782220	453.96423	45	-55	120	63
IC223	249767	6782406	457.85545	32	-55	120	-5
IC224	249854	6782356	458.77411	35	-55	120	12
IC225	249940	6782306	460.74657	55	-55	120	20
IC226	250027	6782256	458.39927	62	-55	120	22
IC227	250114	6782206	457.6155	46	-55	120	12
IC228	250200	6782156	457.84023	56	-55	120	24
IC229	250287	6782106	456.3192	60	-55	120	39
IC230	250373	6782056	455.90351	38	-55	120	65
IC231	250460	6782006	456.53309	40	-55	120	
IC232	250547	6781956	456.2471	31	-55	120	39
IC233	250254	6781739	461.73727	58	-55	120	25
IC234	250341	6781689	462.92749	65	-55	120	51
IC235	250428	6781639	463.46745	42	-55	120	19
IC236	250514	6781589	462.82161	48	-55	120	25
IC237	250601	6781539	460.47522	64	-55	120	60
IC238	251138	6781783	454.10523	20	-55	120	31
IC239	251225	6781733	454.503	9	-55	120	11
IC240	251311	6781683	455.84772	10	-55	120	15
IC241	251398	6781633	456.92417	4	-55	120	
IC242	251485	6781583	457.10496	46	-55	120	15
IC243	251060	6781603	456.0021	40	-55	120	15
IC244	251146	6781553	456.01342	25	-55	120	17
IC245	251233	6781503	456.1002	27	-55	120	43
IC246	251320	6781453	457.58168	28	-55	120	20
IC247	251406	6781403	458.91249	51	-55	120	44
IC248	250756	6781233	458.28158	40	-55	120	46
IC249	250842	6781183	459.84609	46	-55	120	10
IC250	250929	6781133	459.99906	30	-55	120	14
IC251	251016	6781083	459.96774	31	-55	120	11
IC252	251102	6781033	460.52755	20	-55	120	16
IC253	251189	6780983	462.71017	20	-55	120	25
IC254	251275	6780933	460.32629	29	-55	120	32

IC255	250374	6781955	457.71825	66	-55	120	
IC256	250226	6781926	459.5016	77	-55	120	33
IC257	250669	6782183	455.72364	20	-55	120	14
IC258	250703	6782125	457.01275	39	-55	120	68
IC259	250753	6782039	456.07781	48	-55	120	51
IC260	250803	6781952	455.78014	35	-55	120	45
IC261	250841	6781890	456.50174	42	-55	120	52
IC262	250891	6781804	456.13053	24	-55	120	44
IC263	250941	6781717	455.48618	22	-55	120	41
IC264	250993	6781647	455.48922	39	-55	120	67

Appendix 2: Table showing previously unreleased diamond drill hole details completed by Red Dirt at the Mt Ida Lithium Project referenced in this announcement.

HoleID	MGA_East	MGA_North	MGA_RL	Dip	MGA_Azi	Depth
IDRD077W2	253096.11	6778230.75	474.67	-57.59	49.34	522.2

JORC Code, 2012 Edition

Table 1; Section 1: Sampling Techniques and Data

Criteria	Explanation	Commentary
Sampling techniques	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. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. 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 (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	<ul style="list-style-type: none"> • Sampling activities carried out by Red Dirt Metals at the Mt Ida Project have included reverse circulation (RC), air core (AC) and diamond (DD) drilling, and rock chip sampling. Core sampling of one historic drillhole has also been carried out, with assaying, petrological and XRD analysis completed • RC samples were collected from a static cone splitter mounted directly below the cyclone on the rig, AC samples were collected using a spear from piles on the ground into 2m composites or 1m bottom of hole samples, DD sampling was carried out to lithological/alteration domain with lengths between 0.3-1.1m • Limited historical data has been supplied, historic sampling referenced has been carried out by Hammill Resources, International Goldfields, La Mancha Resources, Eastern Goldfields and Ora Banda Mining, and has included rock chip sampling, and RC, DD and rotary air blast (RAB) drilling • Sampling of historic RC has been carried out via riffle split for 1m sampling, and scoop or spear sampling for 4m composites, historic RAB drilling was sampled via spear into 4m composites • Historic core has been cut and sampled to geological intervals • These methods of sampling are considered to be appropriate for this style of exploration
Drilling techniques	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).	<ul style="list-style-type: none"> • RC Drilling has been carried out by Orlando Drilling and Frontline Drilling, RC drilling utilised an Explorac 220RC rig with a 143 mm face sampling hammer bit, DD drilling was completed by a truck mounted Sandvik DE820 and a KWL 1500 and is HQ2 and NQ2 diameter. AC drilling was carried out by Gyro Drilling and was competed to blade refusal • Diamond tails average 200m depth • Historic drilling has been completed by various companies including Kennedy Drilling, Wallis Drilling, Ausdrill and unnamed contractors • Historic DD drilling was NQ sized core • It is assumed industry standard drilling methods and equipment were utilised for all historic drilling
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. 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.	<ul style="list-style-type: none"> • Sample condition is recorded for every RC and AC drill metre including noting the presence of water or minimal sample return, inspections of rigs were carried out daily • Recovery on diamond core is recorded by measuring the core metre by metre • Limited sample recovery and condition information has been supplied or found for historic drilling

Criteria	Explanation	Commentary
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. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged.	<ul style="list-style-type: none"> • Quantitative and qualitative geological logging of drillholes adheres to company policy and includes lithology, mineralogy, alteration, veining and weathering • Diamond core logging records lithology, mineralogy, alteration, weathering, veining, RQD, SG and structural data • All AC, RC chip trays and drill core are photographed in full • A complete quantitative and qualitative logging suite was supplied for historic drilling including lithology, alteration, mineralogy, veining and weathering • It is unknown if all historic core was oriented, limited geotechnical logging has been supplied • No historic core or chip photography has been supplied • Logging is of a level suitable to support Mineral resource estimates and subsequent mining studies

Criteria	Explanation	Commentary
<p>Sub-sampling techniques and sample preparation</p>	<p>If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. 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. Whether sample sizes are appropriate to the grain size of the material being sampled.</p>	<ul style="list-style-type: none"> • DD sampling is undertaken by lithological/alteration domain to a maximum of 1.1m and a minimum of 0.3m. Core is cut in half with one half sent to the lab and one half retained in the core tray • Occasional wet RC samples were encountered, extra cleaning of the splitter was carried out afterward • RC, DD and AC chip samples have been analysed for Li suite elements via ICPMS, and for Au by 50g fire assay by ALS, Nagrom, NAL and SGS • Samples analysed by ALS, Nagrom, NAL and SGS were dried, crushed and pulverised to 80% passing 75 microns before undergoing a selected peroxide fusion digest or 4 acid digest with ICPMS finish or fire assay with ICPMS finish • Historic core sampled by Red Dirt Metals was collected for ICPMS analysis via selection from NQ half and quarter core, and submitted to Nagrom • Semi-Quantitative XRD analysis was carried out by Microanalysis Australia using a representative sub-sample that was lightly ground such that 90% was passing 20 µm to eliminate preferred orientation • RC and AC duplicate field samples were carried out at a rate of 1:20 and were sampled directly from the splitter on the rig. These were submitted for the same assay process as the primary samples and the laboratory are unaware of such submissions • Historic chip sampling methods include single metre riffle split and 4m composites that were either scoop or spear sampled, while historic core was cut onsite and half core sampled • Historic samples were analysed at LLAS, Genalysis and unspecified laboratories • Historic Au analysis techniques generally included crushing, splitting if required, and pulverisation, with aqua regia or fire assay with AAS finish used to determine concentration • Historic multielement analysis was carried with mixed acid digest and ICP-MS determination

Criteria	Explanation	Commentary
Quality of assay data and laboratory tests	<p>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. 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.</p> <p>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.</p>	<ul style="list-style-type: none"> • Samples have been analysed by external laboratories utilising industry standard methods • The assay methods utilised by ALS, Nagrom, NAL and SGS for RC chip, AC, rock chip and core sampling allow for total dissolution of the sample where required • Standards and blanks are inserted at a rate of 1 in 20 in RC, AC and DD sampling, All QAQC analyses were within tolerance • No QAQC samples were submitted with rock chip analysis • No standards were used by Red Dirt Metals in the historic core ICP analysis or XRD quantification process. Internal duplicate and repeat analyses were carried out as part of the assay process by Nagrom, as well as internal standard analysis • A standard mica phase was used for the XRD analysis. It is possible that a lithium bearing mica such as lepidolite is present. A subsequent analysis technique would be required for confirmation • All historic samples are assumed to have been prepared and assayed by industry standard techniques and methods • Limited historic QAQC data has been supplied, industry standard best practice is assumed
Verification of sampling and assaying	<p>The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data</p>	<ul style="list-style-type: none"> • Significant intercepts have been reviewed by senior personnel • No specific twinned holes have been completed, but drilling has verified historic drilling intervals • Primary data is collected via excel templates and third-party logging software with inbuilt validation functions, the data is forwarded to the Database administrator for entry into a secure SQL database. Historic data was supplied in various formats and has been validated as much as practicable • No adjustments to assay data have been made other than conversion from Li to Li₂O and Ta to Ta₂O₅ • Data entry, verification and storage protocols remain unknown for historic operators

Criteria	Explanation	Commentary
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. Specification of the grid system used. Quality and adequacy of topographic control	<ul style="list-style-type: none"> • MGA94 zone 51 grid coordinate system is used • Current drilling collars have been pegged using a handheld GPS unit, all collars will be surveyed upon program completion by an independent third party • Downhole surveys are completed by the drilling contractors using a true north seeking gyro instrument, AC drillholes did not have downhole surveys carried out • Topography has been surveyed by recent operators. Collar elevations are consistent with surrounding holes and the natural surface elevation • Historic collars are recorded as being picked up by DGPS, GPS or unknown methods and utilised the MGA94 zone 51 coordinate system • Historic downhole surveys were completed by north seeking gyro, Eastman single shot and multi shot downhole camera
Data spacing and distribution	Data spacing for reporting of Exploration Results. 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. Whether sample compositing has been applied.	<ul style="list-style-type: none"> • Drill hole spacing is variable throughout the program area • Spacing is considered appropriate for this style of exploration • Sample compositing has not been applied
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. 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	<ul style="list-style-type: none"> • Drill holes are orientated perpendicular to the regional trend of the mineralisation previously drilled at the project; drill hole orientation is not considered to have introduced any bias to sampling techniques utilised
Sample security	The measures taken to ensure sample security	<ul style="list-style-type: none"> • Samples are prepared onsite under supervision of Red Dirt Metals staff and transported by a third party directly to the laboratory • Historic sample security measures are unknown
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	<ul style="list-style-type: none"> • None carried out

JORC Table 2; Section 2: Reporting of Exploration Results

Criteria	Explanation	Commentary
Mineral tenement and land tenure status	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	<ul style="list-style-type: none"> • Drilling and sampling activities have been carried on M29/2, M29/165 and E29/640 • The tenements are in good standing • There are no heritage issues

Criteria		Commentary
	environmental settings. 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	
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul style="list-style-type: none"> The area has a long history of gold and base metals exploration and mining, with gold being discovered in the district in the 1890s. Numerous generations of exploration have been completed including activities such as drilling, geophysics and geochemical sampling Targeted Li assaying was first carried out in the early 2000s by La Mancha Resources and more recently, lithium assays were completed by Ora Banda Mining
Geology	Deposit type, geological setting and style of mineralisation.	<ul style="list-style-type: none"> The Mt Ida project is located within the Eastern Goldfields region of Western Australia within the Mt Ida/Ularring greenstone belt Locally the Kurradjong Antiform dominates the regional structure at Mount Ida, a south-southeast trending, tight isoclinal fold that plunges at a low angle to the south. The Antiform is comprised of a layered greenstone sequence of mafic and ultramafic rocks Late stage granitoids and pegmatites intrude the sequence
Drill hole Information	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: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	<ul style="list-style-type: none"> A list of the drill hole coordinates, orientations and metrics are provided as an appended table
Data aggregation methods	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. 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. The assumptions used for any reporting of metal equivalent values should be clearly stated.	<ul style="list-style-type: none"> No metal equivalents are used Significant intercepts are calculated with a cut-off grade of 0.3% Li2O

Criteria		Commentary
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation 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 (eg 'down hole length, true width not known').	<ul style="list-style-type: none"> The geometry of the mineralisation is roughly perpendicular to the drilling.
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 plan view of drill hole collar locations and appropriate sectional views.	<ul style="list-style-type: none"> Figures are included in the announcement.
Balanced reporting	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.	<ul style="list-style-type: none"> All drill collars, and significant intercepts have been reported in the appendix
Other substantive exploration data	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 method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	<ul style="list-style-type: none"> None completed at this time
Further work	The nature and scale of planned further work (eg 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.	<ul style="list-style-type: none"> Drilling is continuing at Mt Ida with a 60,000m program consisting of a mix of RC diamond and AC drilling underway