19 December 2023

HIGH-GRADE DRILLING RESULTS CONTINUE AT MANNA

Best drill intercept to date of 26m @ 1.53% Li_2O

Key Highlights

- Over 60,000m of Reverse Circulation (RC) and Diamond Drilling (DD) has been completed at GL1's Manna Lithium Project during 2023.

Manna Central

- Resource infill drilling at the Manna Central resource area continues to demonstrate continuity and deliver high-grade infill drilling results including;
  - **MRC0290**
    - **26m @ 1.53% Li_2O from 249m**
  - **MRC0306**
    - **15m @ 1.58% Li_2O from 251m**
  - **MRC0356**
    - **13m @ 1.34% Li_2O from 75m and,**
    - **9m @ 1.59% Li_2O from 217m**
  - **MRC0359**
    - **10m @ 1.35% Li_2O from 163m**
  - **MRC0364**
    - **10m @ 1.49% Li_2O from 125m**
    - **10m @ 1.23% Li_2O from 258m**
- Key sections of the central Manna resource are now infilled to a 40 x 40m spacing to support mine planning and Mineral Resource Estimate (MRE) update.

Manna North

- Drilling in the Manna north-eastern extension area has intersected significant intercepts outside of the current resource, with this drilling extending mineralisation, including;
  - **MRC0236**
    - **10m @ 1.61% Li_2O from 317m**
  - **MRC0257**
    - **8m @ 1.19% Li_2O from 378m**
    - **10m @ 1.14% Li_2O from 417m**
  - **MRC0252**
    - **22m @ 1.03% Li_2O from 461m**
  - **MRC0261**
    - **15m @ 1.11% Li_2O from 468m**
- Assays results from drilling targeted to confirm shallow extensions of mineralisation along strike to the northeast are pending.
- Separate underground mine study underway focussing on the Manna North lithium mineralisation.

Manna South

- Step out exploration drilling suggests a potential new zone of mineralised pegmatite under cover to the southwest of the Manna Central resource area.
  - **MRC0339**
    - **4m @ 0.64% Li_2O from 137m**
    - **6m @ 0.79% Li_2O from 146m**
    - **3m @ 1.05% Li_2O from 155m**
    - **6m @ 0.93% Li_2O from 161m**
    - **11m @ 0.64% Li_2O from 173m**
- Follow up drilling to target up dip and strike extensions is planned for 2024.

Pending results

- Complete assay results expected during Q1 2024, to be included in the Manna Definitive Feasibility Study (DFS).
- The 2023 exploration program drilled 221 holes with ~25,000 samples being sent for analysis. Currently 92 holes comprising ~9,500 sample assay results are still outstanding.

Established multi-asset West Australian lithium company, Global Lithium Resources Limited (**ASX: GL1**, "**Global Lithium**" or "the **Company**") is pleased to report further high-grade results from the recently completed resource infill and expansion drilling program at the Company's **100% owned Manna Lithium Project**, located 100km east of Kalgoorlie in the Goldfields region.

After a successful year completing over 60,000m of RC and diamond drilling, positive assay results continue to be received.

Manna Central area

Drilling in the central Manna pegmatite zone continues to deliver high grade infill results which will be incorporated into a MRE update in early 2024. Significant results from the infill drilling of the Manna central area include;

- **26m @ 1.53% Li_2O from 249m in MRC0290**
- **15m @ 1.58% Li_2O from 251m in MRC0306**
- **13m @ 1.34% Li_2O from 75m in MRC0356**
- **16m @ 1.57% Li_2O from 176m in MRC0379[1]**
- **13m @ 1.73% Li_2O from 26m in MRC0385[1]**
- **14m @ 1.59% Li_2O from 110m in MRC0357[1]**

1. *Previously announced in ASX Announcement October 26, 2023. MANNA DRILLING DELIVERS FURTHER HIGH-GRADE RESULTS*

These results continue to confirm the internal continuity of the mineralisation and help to increase the confidence within the resource area. The 2023 drill program infilled a significant portion of the known

resource area to a spacing of 40 x 40m. This infill drilling was designed to support technical studies, pending resource update and to coincide with the potential initial stages of open pit mining. The central Manna pegmatite zone has currently been tested over a 1.4km strike and to a vertical depth of 450m (Figure 2).

Manna North extension

Drilling at the Manna northeast extension area has confirmed that mineralisation remains open down dip and along strike. Drilling indicates that the northeastern Manna zone hosts multiple spodumene bearing pegmatite sheets with drill hole intercepts >1% Li_2O of up to 22m downhole width. This area has been drilled on an 80 x 80m spacing over a strike length of 1.7km and to a vertical depth of 450m (Figure 3).

Importantly assay results from drilling that was designed to target shallow extensions of mineralisation along strike to the northeast are still pending (Figure 3).

Manna South extension

Early results from the 2023 drill program have identified a potential new zone of mineralisation located to the southwest of the central Manna area (Figure 4). Results received from hole MRC0339, indicate that mineralisation may extend under cover to the southwest from the central Manna pegmatite zone. These early results continue to demonstrate the potential of the Manna Lithium Project for further discoveries. Follow up targeted drilling is planned for 2024 to test up dip and along strike.

In total the Manna pegmatites have, so far, returned grades >1% Li_2O over a strike length of 3.2km and down to a vertical depth of 450m.

Due to the success of the current program, further step out drilling and testing of target areas away from the main Manna resource is planned in H1 CY24.

Global Lithium Exploration Manager, Logan Barber commented,

"The Manna Lithium Project is demonstrating significant potential for further extensions to the main resource area. The current resource is still open along strike, to the SW and NE, and in areas at depth. We look forward to receiving further assay results over the coming months to feed into an updated Mineral Resource Estimate, which will form part of the Manna DFS results. We are also progressing plans for further exploration drilling in 2024 with the aim of better understanding the full potential of the Manna Lithium Deposit."

The Manna Lithium Project currently hosts a Mineral Resource of **36.0Mt @ 1.13% Li_2O**[1].

1. *ASX Announcement July 26, 2023. Manna Lithium Project Resource Grows*

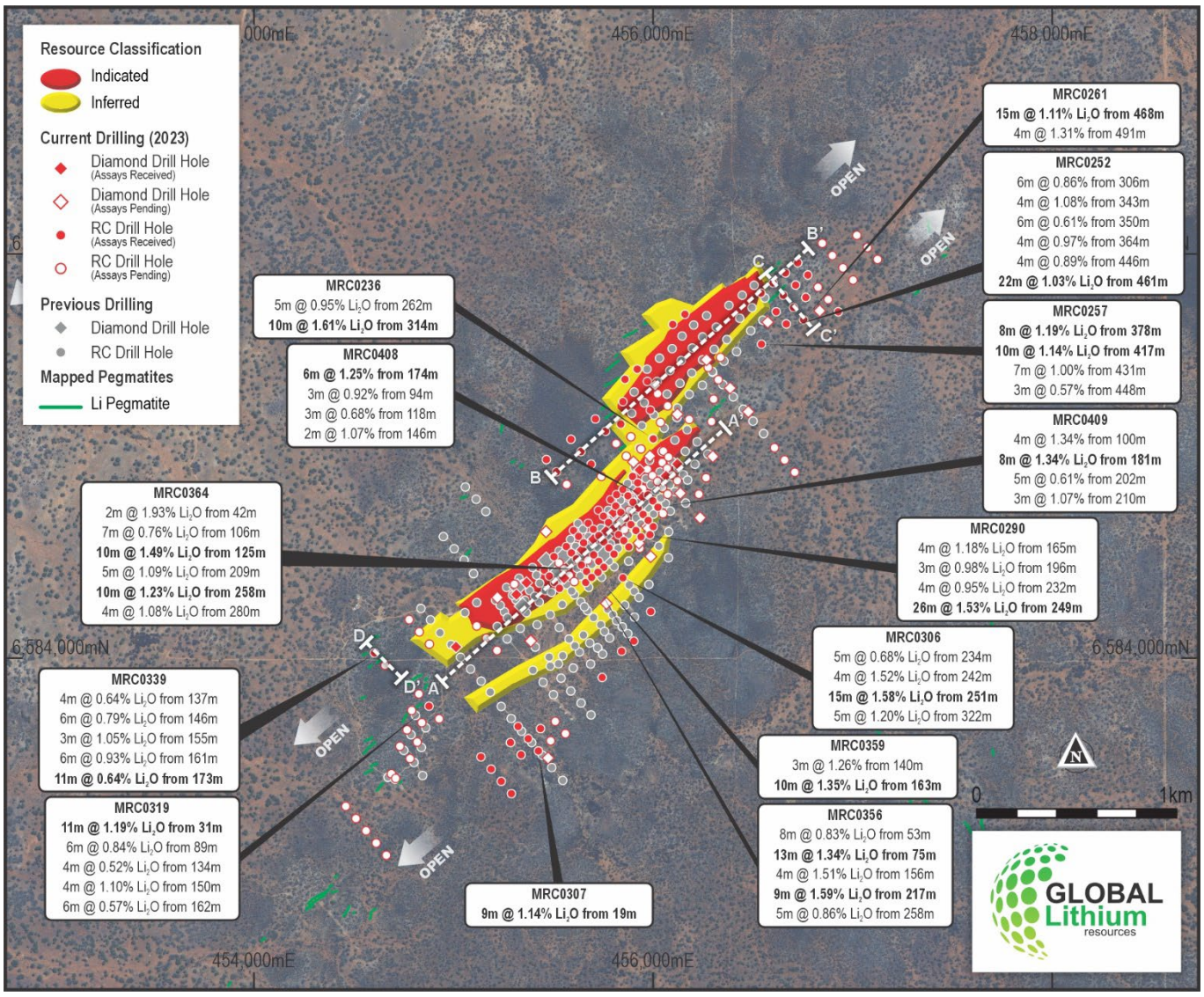


Figure 1. Manna Project showing all RC and DD drill collars with select new significant intercepts.

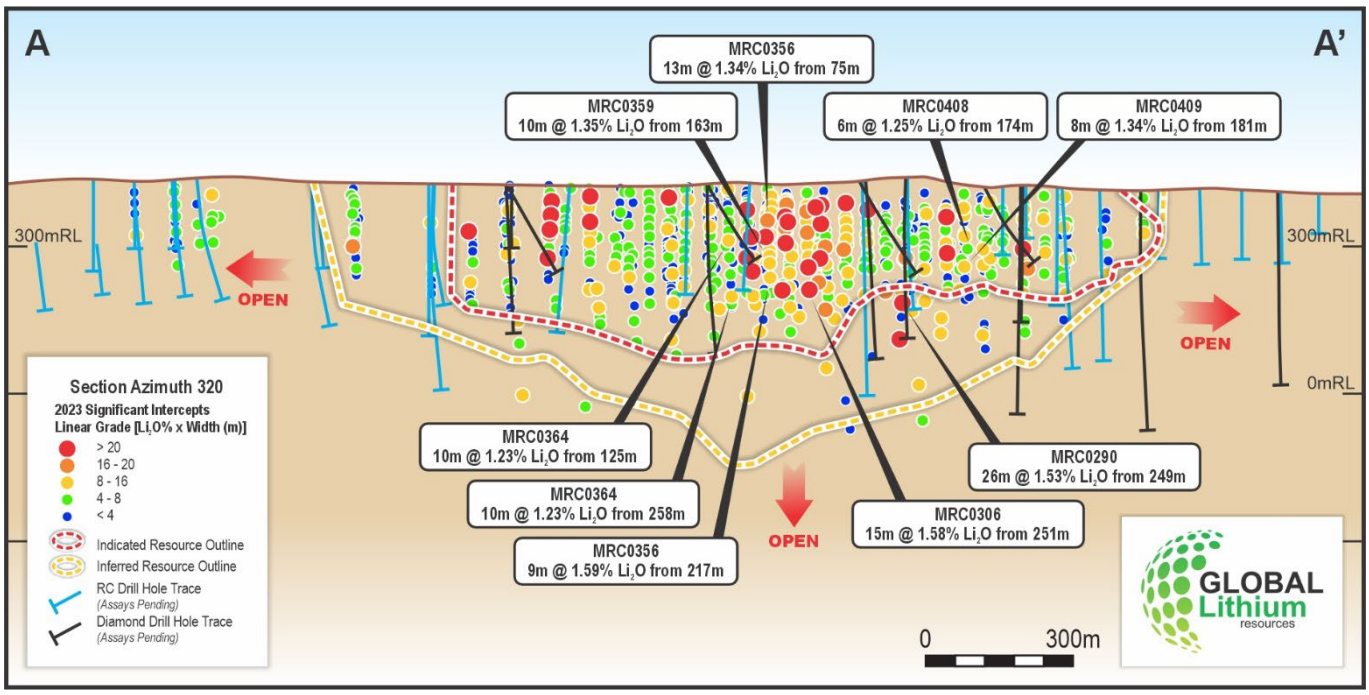


Figure 2. Long section A-A' through the central zone of the Manna lithium deposit looking northwest with new significant Li_2O intercepts.

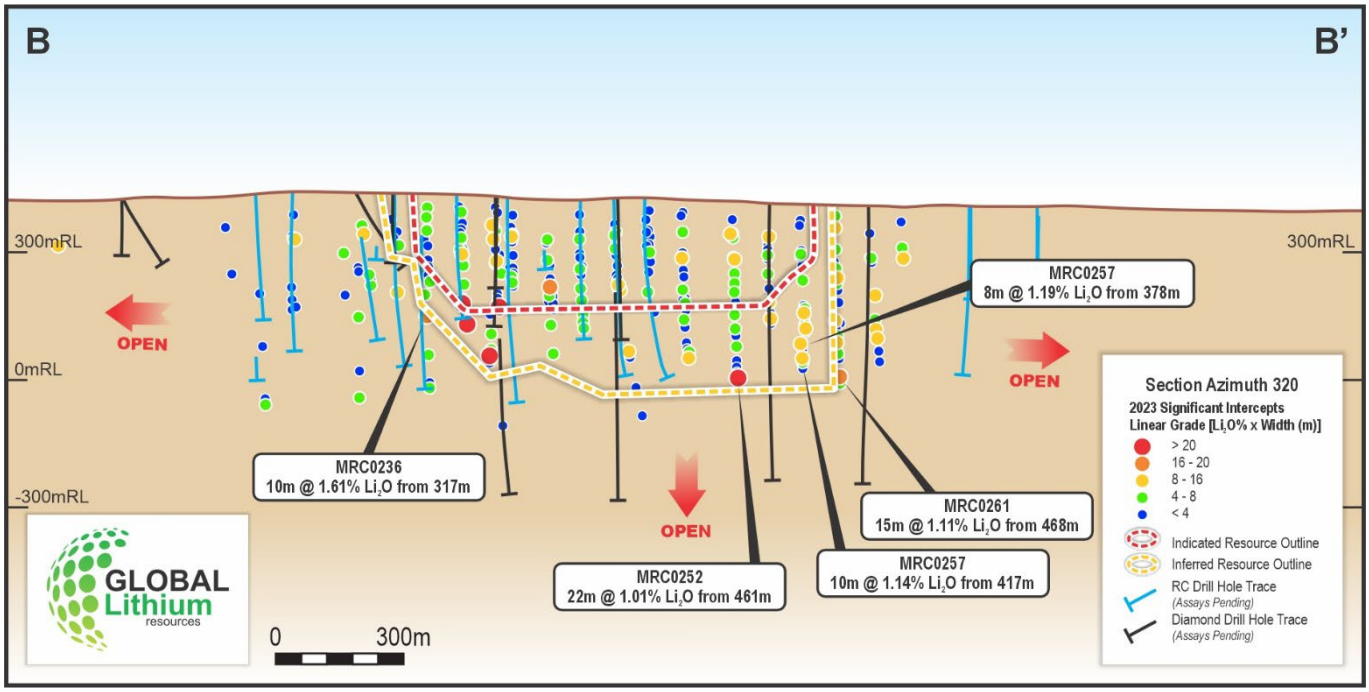


Figure 3. Long section B-B' through the northeastern zone of the Manna lithium deposit looking northwest with new significant Li_2O intercepts.

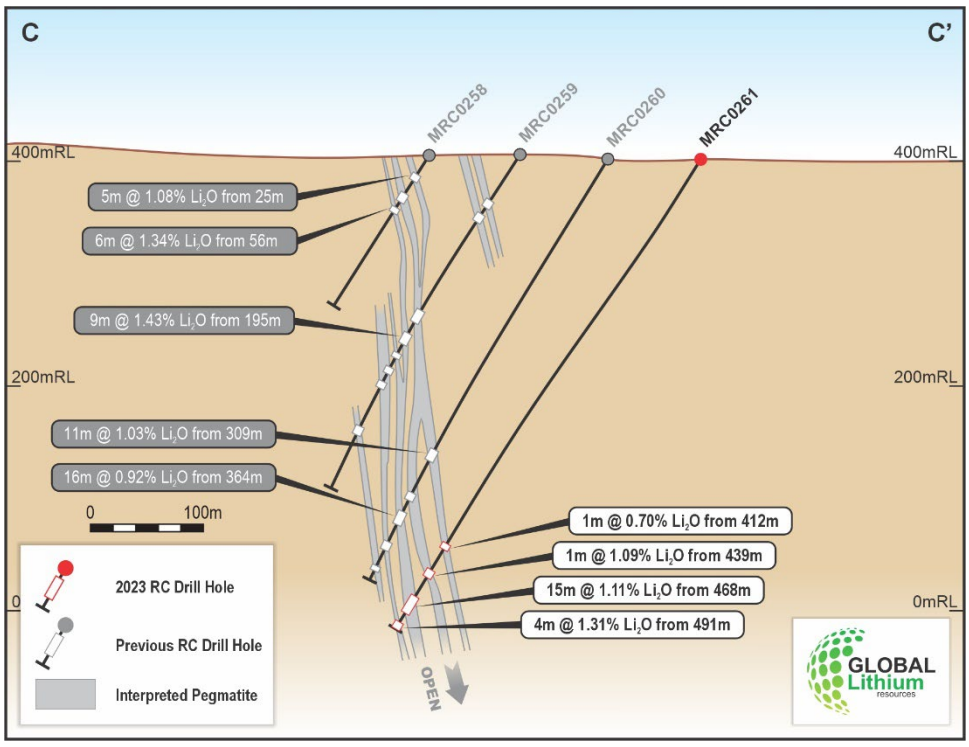


Figure 4. Cross section C-C' through the Manna lithium deposit with significant Li_2O intercepts.

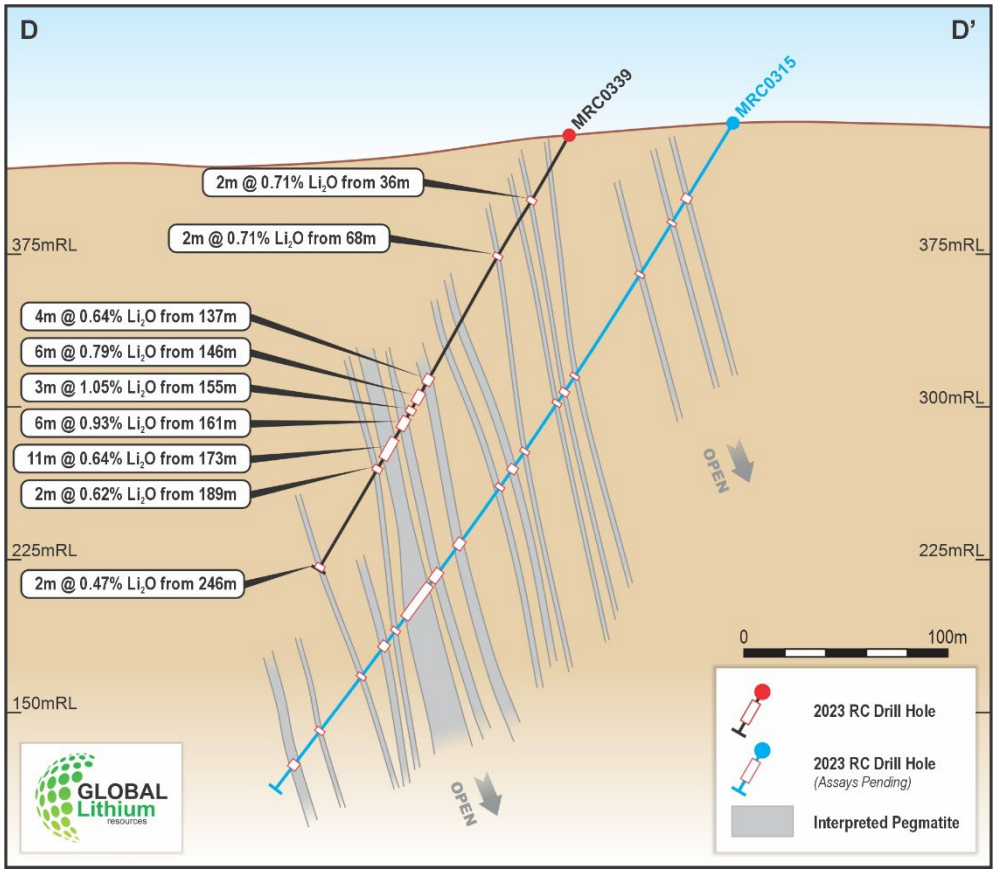
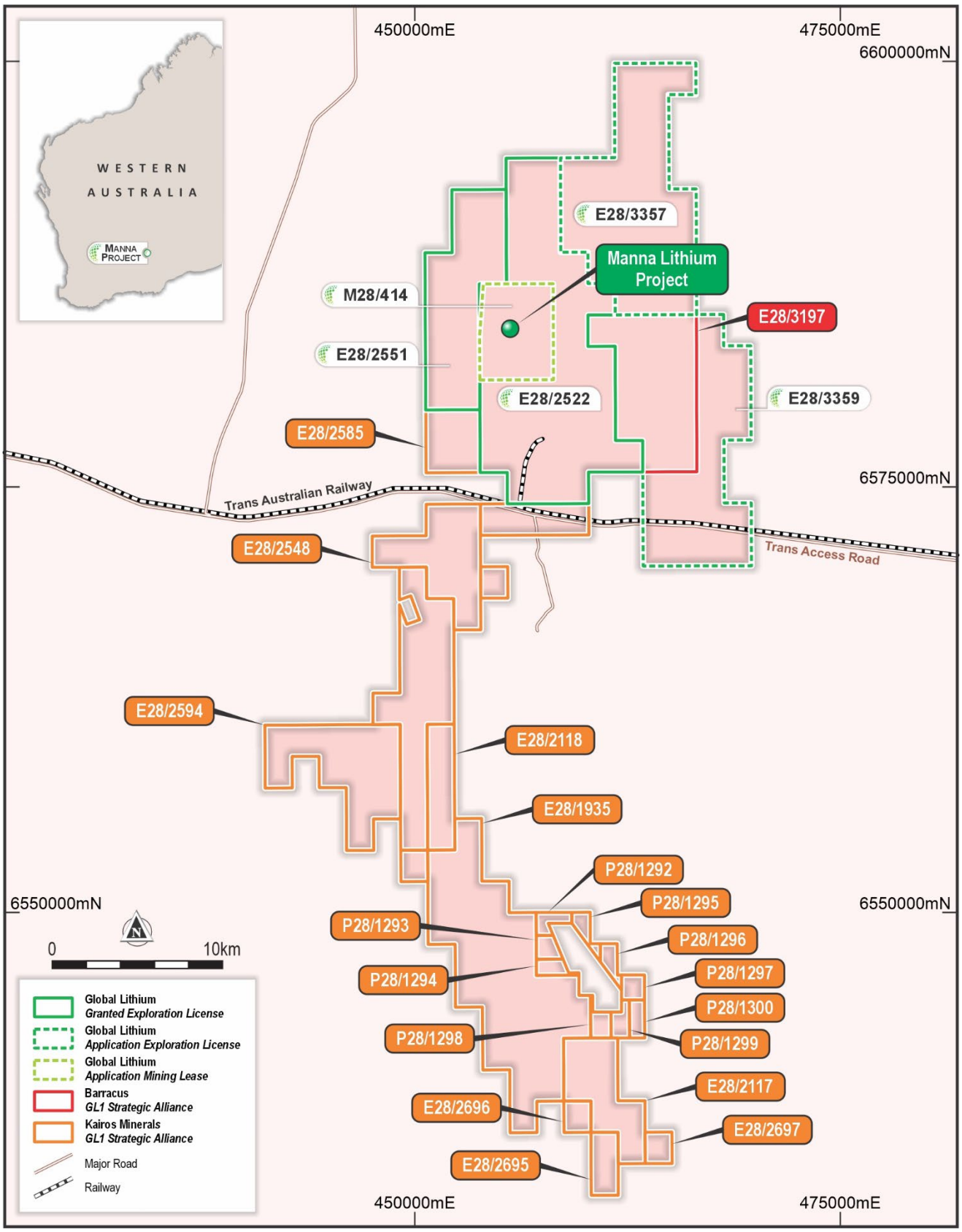


Figure 5. Cross section D-D' through the Manna lithium deposit with significant Li_2O intercepts.


450000mE
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WESTERN
AUSTRALIA
MANNA PROJECT
E28/3357
Manna Lithium Project
M28/414
E28/3197
E28/2551
E28/2522
E28/3359
E28/2585
Trans Australian Railway
Trans Access Road
E28/2548
E28/2594
E28/2118
E28/1935
P28/1292
P28/1295
P28/1293
P28/1296
P28/1297
P28/1294
P28/1300
P28/1298
P28/1299
E28/2117
E28/2696
E28/2697
E28/2695
0
10km
Global Lithium
Granted Exploration License
Global Lithium
Application Exploration License
Global Lithium
Application Mining Lease
Barracus
GL1 Strategic Alliance
Kairos Minerals
GL1 Strategic Alliance
Major Road
Railway

Figure 6. Tenements held within the 100% owned Manna Lithium Project, including surrounding strategic alliance with Kairos Minerals (GL1 direct and indirect Manna landholding has increased 280% from January 2023 and now covers 700km^2).

Approved by the board of Global Lithium Resources Limited.

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About Global Lithium

Global Lithium Resources Limited (ASX:GL1, Global Lithium) is a diversified West Australian lithium exploration and development company with multiple assets in key lithium branded jurisdictions with a primary focus on the 100% owned Manna Lithium Project in the Goldfields and the Marble Bar Lithium Project (MBLP) in the Pilbara region, Western Australia.

Global Lithium has now defined a total Indicated and Inferred Mineral Resource of 54Mt @ 1.09% Li_2O at its Manna and MBLP Lithium projects, confirming Global Lithium as a significant global lithium player.

Directors

Geoff Jones	Non-Executive Chair
Ron Mitchell	Managing Director
Dr Dianmin Chen	Non-Executive Director
Greg Lilleyman	Non-Executive Director
Hayley Lawrance	Non-Executive Director

Global Lithium – Mineral Resources

Project Name	Category	Million Tonnes (Mt)	Li_2O%	Ta_2O_5 ppm
Marble Bar	*Indicated*	3.8	0.97	53
	Inferred	14.2	1.01	50
	Subtotal	**18.0**	**1.00**	**51**
Manna	*Indicated*	*20.2*	*1.12*	*56*
	Inferred	*15.8*	*1.14*	*52*
	Subtotal	**36.0**	**1.13**	**54**
Combined Total		**54.0**	**1.09**	**53**

Competent Persons Statement:

Exploration Results

The information in this announcement that relates to Exploration Results for the Manna Lithium Project complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) and is based on, and fairly represents, information and supporting documentation prepared by Mr Logan Barber, a full time employee of Global Lithium Resources Limited and who participates in the Company's Incentive Performance Rights and Option Plan. Mr Barber is a member of the Australasian Institute of Geoscientists. He has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Barber considers that the information in the market announcement is an accurate representation of the available data and studies for the mining project. Mr Barber consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Mineral Resources

Information on historical exploration results and Mineral Resources for the Manna Lithium Project presented in this announcement, together with JORC Table 1 information, is contained in an ASX announcement released on 26 July 2023.

Information on historical exploration results and Mineral Resources for the Marble Bar Lithium Project presented in this announcement is contained in an ASX announcement released on 15 December 2022

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant market announcements, and that the form and context in which the Competent Persons findings are presented have not been materially modified from the original announcements.

Where the Company refers to Mineral Resources for the Manna Lithium Project (MLP) and the Marble Bar Lithium Project in this announcement (referencing previous releases made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource estimate in that announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not materially changed from the original announcement.

Table 1. Manna Drilling Summary

Hole ID	Easting (MGA51)	Northing (MGA51)	RL (m)	Dip (degrees)	Azimuth (degrees)	Total Depth (m)
MRC0236	455999	6585106	417	-60	320	450
MRC0237	455995	6585246	418	-59	318	222
MRC0239	456078	6585270	414	-60	318	384
MRC0240	456026	6585320	418	-60	319	300
MRC0252	456544	6585583	412	-59	320	504
MRC0257	456665	6585685	403	-60	319	474
MRC0261	456754	6585705	401	-59	319	504
MRC0270	455884	6585123	428	-61	321	328
MRC0286	455695	6584982	438	-60	317	360
MRC0290	455980	6584631	414	-60	321	510
MRC0296	455933	6584564	415	-60	319	516
MRC0302	455900	6584097	429	-61	319	341
MRC0304	455740	6583912	430	-59	318	378
MRC0306	455844	6584416	418	-61	319	510
MRC0307	455428	6583552	438	-60	321	236
MRC0319	454879	6583766	435	-60	319	192
MRC0339	454608	6584038	432	-61	320	248
MRC0348	455135	6583517	441	-60	320	247
MRC0351	454827	6583834	437	-61	325	168
MRC0352	454924	6583711	434	-60	319	273
MRC0355	455649	6584588	422	-60	317	240
MRC0356	455703	6584522	423	-61	319	318
MRC0359	455732	6584437	419	-60	321	210
MRC0362	455619	6584507	424	-60	322	204
MRC0364	455665	6584447	424	-60	318	360
MRC0365	455693	6584417	423	-60	317	204
MRC0366	455663	6584391	419	-61	324	234
MRC0367	455503	6584518	424	-60	321	84
MRC0368	455530	6584482	424	-61	318	168
MRC0370	455576	6584433	421	-60	315	288
MRC0371	455607	6584395	420	-60	316	330
MRC0372	455459	6584455	423	-60	324	120
MRC0373	455479	6584423	422	-60	319	216
MRC0374	455506	6584390	420	-60	319	288
MRC0375	455535	6584357	419	-59	322	348
MRC0398	455878	6584820	416	-60	323	184
MRC0399	455903	6584797	415	-60	319	220
MRC0403	456000	6584669	414	-59	322	334
MRC0404	455893	6584924	420	-61	323	274
MRC0406	455949	6584858	414	-60	319	232
MRC0407	455972	6584828	413	-61	321	274

Hole ID	Easting (MGA51)	Northing (MGA51)	RL (m)	Dip (degrees)	Azimuth (degrees)	Total Depth (m)
MRC0408	455999	6584797	413	-61	322	244
MRC0409	456023	6584766	413	-60	320	280
MRC0410	456049	6584736	413	-60	318	322
MRC0411	455972	6584955	415	-60	321	154
MRC0412	455997	6584924	414	-60	317	106
MRC0413	456022	6584895	413	-60	322	172
MRC0414	456045	6584864	412	-60	311	202
MRC0415	456072	6584830	412	-61	323	286
MRC0416	456053	6584987	413	-61	318	136
MRC0417	456075	6584963	411	-61	313	166
MRC0418	456100	6584929	411	-60	317	184
MRC0419	456126	6584903	410	-61	321	244
MRC0420	456081	6585016	411	-61	322	124
MRCD0060	455785	6584746	418	-61	323	634.05
MRCD0068	456105	6584989	410	-61	320	685.06
MRCD0071	456282	6585027	408	-61	321	796.07
MRCD0162	455917	6584960	418	-60	323	618.63
MDD0038	455968	6584528	416	-60	320	401.93

Table 2. Manna Significant Drillhole Intercepts[(1)]

Hole_ID	Easting (MGA51)	Northing (MGA51)	From (m)	To (m)	Thickness (m)	Li_2O (%)	Ta_2O_5 (ppm)
MRC0236	455999	6585106	262	267	5	0.95	70
MRC0236	455999	6585106	294	296	2	0.78	59
MRC0236	455999	6585106	304	306	2	0.49	42
MRC0236	455999	6585106	314	324	10	1.61	41
MRC0237	455995	6585246	98	104	6	1.33	88
MRC0237	455995	6585246	107	110	3	1.12	75
MRC0237	455995	6585246	179	184	5	0.93	45
MRC0239	456078	6585270	130	132	2	1.12	65
MRC0239	456078	6585270	156	161	5	1.82	53
MRC0239	456078	6585270	167	172	5	1.51	63
MRC0240	456026	6585320	59	71	12	0.94	57
MRC0240	456026	6585320	194	196	2	1.00	84
MRC0240	456026	6585320	265	267	2	1.02	54
MRC0240	456026	6585320	270	272	2	1.26	78
MRC0252	456544	6585583	255	257	2	0.85	45
MRC0252	456544	6585583	306	312	6	0.86	47
MRC0252	456544	6585583	326	328	2	0.71	48
MRC0252	456544	6585583	343	347	4	1.08	44

Hole_ID	Easting (MGA51)	Northing (MGA51)	From (m)	To (m)	Thickness (m)	Li_2O (%)	Ta_2O_5 (ppm)
MRC0252	456544	6585583	350	356	6	0.61	35
MRC0252	456544	6585583	364	368	4	0.97	53
MRC0252	456544	6585583	416	418	2	0.70	27
MRC0252	456544	6585583	446	450	4	0.89	30
MRC0252	456544	6585583	461	483	22	1.03	27
MRC0257	456665	6585685	378	386	8	1.19	34
MRC0257	456665	6585685	417	427	10	1.14	37
MRC0257	456665	6585685	431	438	7	1.00	36
MRC0257	456665	6585685	448	453	5	0.57	28
MRC0261	456754	6585705	468	483	15	1.11	38
MRC0261	456754	6585705	491	495	4	1.31	56
MRC0270	455884	6585123	194	196	2	0.79	123
MRC0270	455884	6585123	200	202	2	0.94	78
MRC0270	455884	6585123	236	238	2	0.90	99
MRC0270	455884	6585123	254	262	8	1.50	45
MRC0286	455695	6584982	319	322	3	0.74	71
MRC0290	455980	6584631	165	169	4	1.18	32
MRC0290	455980	6584631	196	199	3	0.98	31
MRC0290	455980	6584631	232	236	4	0.95	49
MRC0290	455980	6584631	249	275	26	1.53	38
MRC0296	455933	6584564	175	179	4	1.22	23
MRC0296	455933	6584564	190	196	6	0.96	29
MRC0296	455933	6584564	239	243	4	0.86	46
MRC0296	455933	6584564	250	260	10	0.99	43
MRC0302	455900	6584097	279	281	2	0.67	34
MRC0304	455740	6583912	308	311	3	0.86	42
MRC0306	455844	6584416	194	196	2	0.44	0
MRC0306	455844	6584416	204	212	8	0.43	16
MRC0306	455844	6584416	234	239	5	0.68	32
MRC0306	455844	6584416	242	246	4	1.52	32
MRC0306	455844	6584416	251	266	15	1.58	39
MRC0306	455844	6584416	322	327	5	1.20	45
MRC0306	455844	6584416	435	437	2	1.12	22
MRC0306	455844	6584416	440	443	3	0.99	58
MRC0307	455428	6583552	19	28	9	1.14	50
MRC0319	454879	6583766	31	42	11	1.19	43
MRC0319	454879	6583766	60	62	2	0.67	39
MRC0319	454879	6583766	76	79	3	0.41	50
MRC0319	454879	6583766	89	95	6	0.84	16
MRC0319	454879	6583766	99	101	2	0.66	34
MRC0319	454879	6583766	124	126	2	0.65	62
MRC0319	454879	6583766	134	138	4	0.52	66

Hole_ID	Easting (MGA51)	Northing (MGA51)	From (m)	To (m)	Thickness (m)	Li_2O (%)	Ta_2O_5 (ppm)
MRC0319	454879	6583766	150	154	4	1.10	56
MRC0319	454879	6583766	162	168	6	0.57	25
MRC0339	454608	6584038	36	38	2	0.72	47
MRC0339	454608	6584038	68	70	2	0.71	39
MRC0339	454608	6584038	137	141	4	0.64	40
MRC0339	454608	6584038	146	152	6	0.79	55
MRC0339	454608	6584038	155	158	3	1.05	60
MRC0339	454608	6584038	161	167	6	0.93	56
MRC0339	454608	6584038	173	184	11	0.64	34
MRC0339	454608	6584038	189	191	2	0.63	42
MRC0339	454608	6584038	246	248	2	0.47	45
MRC0348	455135	6583517	117	119	2	0.69	25
MRC0351	454827	6583834	90	93	3	2.54	71
MRC0351			91	93	2	3.48	90
MRC0352	454924	6583711	96	103	7	0.59	25
MRC0355	455649	6584588	42	48	6	0.57	43
MRC0356	455703	6584522	53	61	8	0.83	40
MRC0356	455703	6584522	75	88	13	1.34	30
MRC0356	455703	6584522	156	160	4	1.51	38
MRC0356	455703	6584522	217	226	9	1.59	47
MRC0356	455703	6584522	258	263	5	0.86	38
MRC0359	455732	6584437	140	143	3	1.26	39
MRC0359	455732	6584437	163	173	10	1.35	41
MRC0359	455732	6584437	177	179	2	0.88	36
MRC0362	455619	6584507	11	16	5	0.66	37
MRC0362	455619	6584507	59	63	4	1.37	42
MRC0362	455619	6584507	72	75	3	1.02	61
MRC0362	455619	6584507	86	88	2	0.58	20
MRC0362	455619	6584507	118	121	3	1.20	46
MRC0362	455619	6584507	179	183	4	0.77	43
MRC0364	455665	6584447	42	44	2	1.93	54
MRC0364	455665	6584447	106	113	7	0.76	37
MRC0364	455665	6584447	125	135	10	1.49	44
MRC0364	455665	6584447	209	214	5	1.09	39
MRC0364	455665	6584447	258	268	10	1.23	45
MRC0364	455665	6584447	280	284	4	1.08	17
MRC0365	455693	6584417	104	109	5	0.69	33
MRC0365	455693	6584417	148	151	3	1.39	60
MRC0365	455693	6584417	155	158	3	0.91	48
MRC0365	455693	6584417	167	171	4	1.00	42
MRC0366	455663	6584391	104	113	9	0.77	51
MRC0366	455663	6584391	148	152	4	0.98	45

Hole_ID	Easting (MGA51)	Northing (MGA51)	From (m)	To (m)	Thickness (m)	Li_2O (%)	Ta_2O_5 (ppm)
MRC0366	455663	6584391	165	169	4	1.00	34
MRC0366	455663	6584391	174	178	4	1.15	33
MRC0367	455503	6584518	2	6	4	0.62	56
MRC0367	455503	6584518	13	16	3	1.20	61
MRC0367	455503	6584518	25	27	2	0.63	63
MRC0368	455530	6584482	8	11	3	1.64	104
MRC0368	455530	6584482	65	74	9	0.77	44
MRC0368	455530	6584482	93	103	10	0.66	41
MRC0368	455530	6584482	131	134	3	0.53	32
MRC0370	455576	6584433	11	15	4	0.26	24
MRC0370	455576	6584433	28	35	7	1.45	52
MRC0370	455576	6584433	97	103	6	0.67	29
MRC0370	455576	6584433	152	156	4	1.42	50
MRC0370	455576	6584433	172	180	8	0.66	39
MRC0370	455576	6584433	262	264	2	0.49	59
MRC0371	455607	6584395	62	64	2	0.83	65
MRC0371	455607	6584395	83	90	7	1.59	54
MRC0371	455607	6584395	102	104	2	0.55	25
MRC0371	455607	6584395	128	139	11	0.68	29
MRC0371	455607	6584395	198	203	5	1.61	52
MRC0371	455607	6584395	235	242	7	1.19	49
MRC0372	455459	6584455	53	58	5	1.48	56
MRC0372	455459	6584455	62	65	3	0.48	39
MRC0373	455479	6584423	26	31	5	0.71	35
MRC0373	455479	6584423	43	46	3	1.07	39
MRC0373	455479	6584423	106	108	2	1.22	55
MRC0373	455479	6584423	111	117	6	1.26	36
MRC0373	455479	6584423	133	135	2	0.57	35
MRC0374	455506	6584390	14	18	4	1.29	79
MRC0374	455506	6584390	33	37	4	1.74	92
MRC0374	455506	6584390	40	43	3	0.45	21
MRC0374	455506	6584390	71	73	2	1.22	79
MRC0374	455506	6584390	94	98	4	1.04	35
MRC0374	455506	6584390	129	131	2	1.41	60
MRC0374	455506	6584390	148	154	6	0.78	37
MRC0374	455506	6584390	168	172	4	0.87	50
MRC0374	455506	6584390	191	193	2	0.57	60
MRC0375	455535	6584357	29	31	2	0.62	29
MRC0375	455535	6584357	68	70	2	1.10	62
MRC0375	455535	6584357	75	81	6	0.92	51
MRC0375	455535	6584357	109	112	3	0.36	16
MRC0375	455535	6584357	126	130	4	0.96	42

Hole_ID	Easting (MGA51)	Northing (MGA51)	From (m)	To (m)	Thickness (m)	Li_2O (%)	Ta_2O_5 (ppm)
MRC0375	455535	6584357	137	139	2	1.30	49
MRC0375	455535	6584357	167	174	7	0.66	44
MRC0375	455535	6584357	184	189	5	1.33	44
MRC0375	455535	6584357	213	215	2	0.62	29
MRC0375	455535	6584357	219	226	7	0.74	47
MRC0398	455878	6584820	128	130	2	1.10	86
MRC0398	455878	6584820	143	145	2	1.33	39
MRC0399	455903	6584797	44	47	3	1.57	90
MRC0403	456000	6584669	131	138	7	1.11	29
MRC0403	456000	6584669	191	196	5	1.34	29
MRC0403	456000	6584669	253	261	8	1.34	29
MRC0404	455893	6584924	48	50	2	0.69	75
MRC0404	455893	6584924	237	239	2	0.50	18
MRC0406	455949	6584858	40	47	7	1.73	51
MRC0406	455949	6584858	196	198	2	1.15	37
MRC0407	455972	6584828	5	9	4	1.06	64
MRC0407	455972	6584828	42	46	4	1.70	47
MRC0407	455972	6584828	59	61	2	0.65	61
MRC0407	455972	6584828	105	112	7	1.34	38
MRC0407	455972	6584828	261	265	4	0.78	45
MRC0408	455999	6584797	51	60	9	1.02	47
MRC0408	455999	6584797	94	97	3	0.92	41
MRC0408	455999	6584797	118	121	3	0.68	34
MRC0408	455999	6584797	128	130	2	0.68	26
MRC0408	455999	6584797	146	148	2	1.07	31
MRC0408	455999	6584797	174	180	6	1.25	36
MRC0409	456023	6584766	100	104	4	1.34	72
MRC0409	456023	6584766	111	113	2	1.00	107
MRC0409	456023	6584766	136	138	2	0.94	47
MRC0409	456023	6584766	181	189	8	1.34	43
MRC0409	456023	6584766	202	207	5	0.61	41
MRC0409	456023	6584766	210	213	3	1.07	52
MRC0410	456049	6584736	148	150	2	1.19	49
MRC0410	456049	6584736	165	170	5	1.09	35
MRC0410	456049	6584736	183	188	5	1.18	71
MRC0410	456049	6584736	233	241	8	1.50	33
MRC0410	456049	6584736	247	250	3	1.32	68
MRC0411	455972	6584955	11	13	2	0.84	48
MRC0411	455972	6584955	134	136	2	0.74	49
MRC0412	455997	6584924	1	3	2	0.84	64
MRC0412	455997	6584924	64	66	2	1.35	36
MRC0413	456022	6584895	6	8	2	0.72	124

Hole_ID	Easting (MGA51)	Northing (MGA51)	From (m)	To (m)	Thickness (m)	Li_2O (%)	Ta_2O_5 (ppm)
MRC0413	456022	6584895	44	49	5	0.55	68
MRC0413	456022	6584895	57	64	7	1.02	36
MRC0413	456022	6584895	112	117	5	1.30	30
MRC0414	456045	6584864	34	36	2	0.85	108
MRC0414	456045	6584864	45	51	6	0.98	66
MRC0414	456045	6584864	110	116	6	1.26	84
MRC0414	456045	6584864	125	127	2	0.75	144
MRC0414	456045	6584864	153	158	5	0.93	19
MRC0415	456072	6584830	116	122	6	1.18	49
MRC0415	456072	6584830	130	132	2	0.84	96
MRC0415	456072	6584830	158	160	2	0.83	143
MRC0415	456072	6584830	167	173	6	1.20	50
MRC0415	456072	6584830	188	190	2	1.83	30
MRC0416	456053	6584987	10	17	7	1.02	93
MRC0416	456053	6584987	93	98	5	0.45	20
MRC0417	456075	6584963	60	70	10	0.95	65
MRC0417	456075	6584963	115	117	2	1.50	21
MRC0418	456100	6584929	51	58	7	0.67	38
MRC0418	456100	6584929	66	68	2	0.92	126
MRC0418	456100	6584929	132	134	2	1.78	41
MRC0418	456100	6584929	138	146	8	1.75	53
MRC0419	456126	6584903	115	119	4	1.36	69
MRC0419	456126	6584903	130	137	7	0.80	57
MRC0419	456126	6584903	163	166	3	1.11	56
MRC0419	456126	6584903	190	195	5	1.25	52
MRC0420	456081	6585016	7	13	6	1.37	163
MRC0420	456081	6585016	28	30	2	1.75	57
MRCD0060	455785	6584746	252.95	255.12	2.17	1.72	35
MRCD0060	455785	6584746	544	548.55	4.55	0.84	52
MRCD0060	455785	6584746	561.85	567.57	5.72	1.25	94
MRCD0068	456105	6584989	330.7	332.97	2.27	0.49	27
MRCD0068	456105	6584989	421.04	426.05	5.01	1.09	33
MRCD0068	456105	6584989	507.89	510.42	2.53	1.38	51
MRCD0068	456105	6584989	515.51	520.03	4.52	1.52	35
MRCD0071	456282	6585027	217.9	221.09	3.19	0.59	74
MRCD0071	456282	6585027	601.74	609	7.26	0.53	24
MRCD0071	456282	6585027	645	647	2	0.52	25
MRCD0162	455917	6584960	177	179	2	0.51	5
MRCD0162	455917	6584960	184	190	6	0.51	43
MRCD0162	455917	6584960	467	471.2	4.2	0.70	54

Table 2: Significant intercepts calculated using a 0.4% Li_2O cut-off grade, minimum 2m thickness and widths including up to 2m internal dilution.

JORC Code, 2012 Edition – Table 1 Report

Section 1 Sampling Techniques and Data
(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code 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.*	• RC drillholes were drilled/sampled under supervision of a geologist. • RC samples were cone split in 1 m intervals to produce a ~2 to 3 kg sample. Any damp or wet samples were kept in the green plastic bag, placed in the rows of samples and a representative spear or scoop sample taken. • Diamond Core samples were taken, generally on 1 m intervals or on geological boundaries where appropriate (minimum 0.4 m to maximum of 1.2 m). • Diamond drilling was undertaken to produce core for geological logging, assaying and future metallurgical test work. • Samples for lithium analysis were crushed and riffle split to 2 to 2.5 kg for pulverising to 85% passing 75 microns. • For lithium analysis prepared samples are fused with sodium peroxide and digested in dilute hydrochloric acid. The resultant solution is analysed by ICP by Jinning Testing and Inspection Laboratory in Perth. The assay technique is considered to be robust as the method used offers total dissolution of the sample and is useful for mineral matrices that may resist acid digestions.
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).*	• RC drilling was undertaken by Profile Drilling or K-Drill using 4.5-inch (140 mm) rods using a 5.5-inch (150 mm) diameter face sampling hammer. • All reported RC drill holes collar and survey details noted in the drilling statistics presented in Table 1. • Manna diamond drilling was undertaken by DDH1 Drilling using HQ3 or NQ diameters. • Core was orientated using a Reflex ACT III digital core orientation tool.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample*	• Sample chip recovery for RC drilling was visually estimated. Sample chip recovery is very good through the interpreted mineralised zones and is estimated to be greater than 80%.

Criteria	JORC Code explanation	• Commentary
	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.*	• RC drilling utilised an on-board compressor and auxiliary booster to keep samples dry and maximise recoveries. • The diamond drill core recovered is physically measured by tape measure and the length recovered is recorded for every run. • Core recovery is calculated as a percentage recovery. This is confirmed by Company geologists during core orientation activities on site. Average recovery is over 95%. • No relationship between grade and recovery has been identified.
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.*	• Geological logs exist for all drill holes with lithological codes via an established reference legend. • Logging and sampling has been carried out to industry standards to support a Mineral Resource Estimate. • Drill holes have been geologically logged in their entirety. Where logging was detailed, the subjective indications of spodumene content were estimated and recorded. • All drill holes were logged in full, from start to finish of the hole.
Sub-sampling techniques and sample preparation	• *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.*	• Dry RC samples were collected at 1 m intervals and cone split from the rig cyclone on-site to produce a subsample less than 3 kg. • Quarter Core samples were taken, generally on 1 m intervals or on geological boundaries where appropriate (minimum 0.4 m to maximum of 1.2 m). • Sample preparation is according to industry standards, including oven drying, coarse crush, and pulverisation to 85% passing 75 microns. • Field duplicate samples, field standards, laboratory standards and laboratory repeats were used to monitor quality of analyses. • Sample sizes are considered to be appropriate and correctly represent the style and type of mineralisation. • Rock chip samples were taken whole to the laboratory, crushed and riffled to obtain a sub-fraction and assayed using the same lab.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations*	• The industry standard assay techniques are considered to be robust as the methods used offers total dissolution (Sodium Peroxide Fusion) of the samples. • For lithium exploration drilling field inserted standards are utilised for 1 sample in every 50. • For lithium exploration drilling field duplicate samples are taken for 1 sample in every 50. • For infill drilling field inserted standards are

Criteria	JORC Code explanation	• Commentary
	factors applied and their derivation, etc. • *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.*	utilised for 2 sample in every 50. • For infill drilling field duplicate samples are taken for 1 sample in every 50. • For infill drilling field blank samples are taken for 1 sample in every 50.
Verification of sampling and assaying	• *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.*	• The 2023 RC and diamond drilling programs are supervised by Global Lithium staff. • Significant assay results are verified against visual logs by site supervisors. • There were no twin holes drilled during the RC/diamond program in 2023. • Primary data is captured by Coreplan and utilising excel. • All data are exported to an external Database Administrator, validated, and loaded to a database and validated prior to use. • No adjustments made to primary assay data.
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.*	• Prior to drilling, collar coordinates are situated using handheld GPS (considered accurate to within 3 m). • DGPS collar surveying is completed post program to improve accuracy. • For the Manna Project the grid used is GDA94z51. • All holes have been surveyed with an Axis Champ north seeking gyro to determine hole deviation.
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.*	• At Manna exploration drilling has been drilled on a grid pattern. • Drill spacing generally varies between a 80x80m to 40m x 40m grid in selected areas. Exploration holes targeting specific geochemical, outcrops or structural targets are not on a uniform grid spacing. • Historic Breaker resources drilling undertaken was widely spaced across separate lines targeting outcrop and geochemical anomalies.
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.*	• Drilling has been angled to achieve the most representative (near perpendicular) intersections through mineralisation (i.e. angled holes for moderately dipping pegmatite bodies). • The identified target lithium bearing pegmatite dykes are generally steeply dipping (70° to 85°) Southeast in nature. The true width of pegmatites is generally considered 80% to 90% of the intercept width, with minimal opportunity for sample bias.

Criteria	JORC Code explanation	• Commentary
Sample security	• *The measures taken to ensure sample security.*	• The drill samples were collected from the drilling rig by experienced personnel, stored securely and transported directly to the laboratory.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits have been undertaken to date.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and 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.*	• At the Manna Project the drilling is located on tenement E28/2522, which is held 100% Global Lithium. Precious Metals rights are held by Ramelius Resources. • There is no royalty covering the current lithium resource or extensional drilling. • There are no material interests or issues associated with the tenement. • The tenement is in good standing and no known impediments exist.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Global Lithium Limited acquired an 100% of the Manna Lithium Project from Breaker Resources on 25 October 2022.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The pegmatites are LCT type lithium bearing-pegmatites for both projects.
Drillhole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes:* • *easting and northing of the drillhole collar* • *elevation or RL (elevation above sea level in metres) of the drillhole collar* • *dip and azimuth of the hole* • *down hole length and interception depth* • *hole length.*	• Diagrams in the announcement show the location of and distribution of drillholes in relation to the Mineral Resource. • Tables of drillhole collars and significant intercepts are included.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.*	• No weighting or cut-off values were used other than where stated.
Relationship between mineralisation widths and intercept lengths	• *If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there*	• Pegmatite orientation interpretation is at a reasonably high level due to the proximity and number of drill holes. Drilling angle is oriented across the pegmatite trend although significant intersections should not be considered true width.

	should be a clear statement to this effect (e.g. 'down hole length, true width not known').	
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.*	• Plan view drillhole collar maps and cross sections have been 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.*	• Significant Lithium results at Manna have been calculated using a 0.4% Li2O cut-off grade, minimum 2m thickness and widths including up to 2m internal dilution.
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.*	• None reported.
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).*	• Additional drilling is planned for extension and infill of the existing mineral resource at Manna.