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7 September 2022

FURTHER HIGH-GRADE LITHIUM ENCOUNTERED IN COLINA RESOURCE DRILLING 26.8M @ 1.4% Li_2O

LATIN ON TRACK FOR MAIDEN JORC RESOURCE IN DECEMBER 2022

HIGHLIGHTS

- **Resource definition diamond drilling at the Colina Prospect remains on track for the delivery of a maiden JORC Mineral Resource Estimate (MRE) in December 2022, with over one third of planned 100 drill holes completed, total of approximately 8,451m.**
- **Regional mapping teams recommenced field work in the area to the south-east at the Salinas South tenement area, where previous work identified a 'lithium corridor' over a distance of 4.0km.**
- **Latest assay results continue to show strong down dip continuity of both grade and thickness of the logged pegmatites. Results include:**

  SADD023: **26.88m @ 1.40% Li_2O from 94m**

  Inc: 18.00m @ 1.61% Li_2O from 97m

  SADD026: **28.80m @ 1.16% Li_2O from 307m**

  Inc: 14.80m @ 1.51% Li_2O from 321m

  SADD024: **10.00m @ 1.05% Li_2O from 186m**

Latin Resources Limited (**ASX: LRS**) ("**Latin**" or "the **Company**") is pleased to provide the following update on resource definition drilling and other studies currently ongoing at the Company's 100% owned high-grade Colina Lithium Prospect ("**Colina**") (*Appendix 1* and *Figure 2*).

Latin Resources' Exploration Manager, Tony Greenaway, commented:

"Our latest results continue to show excellent high-grade lithium intersections and continuity of the pegmatites along strike and down dip. We are well on schedule to deliver our maiden JORC Resource in December which is an exciting milestone for the company.

"Further to our extremely promising first pass results from our sighter metallurgical test work program (ASX release 24 August 2022), we will be collecting additional samples for further sighter test work in the coming weeks to further explore the optimal crush size and optimise the larger test work flowsheet for the planned detailed PEA program.

"I am also pleased to have our regional teams out mapping at Salinas South where we know we have more outcropping pegmatites. Our plan is to work-up these areas to drill-ready status, and then in the near term commence drilling to begin testing these new areas."

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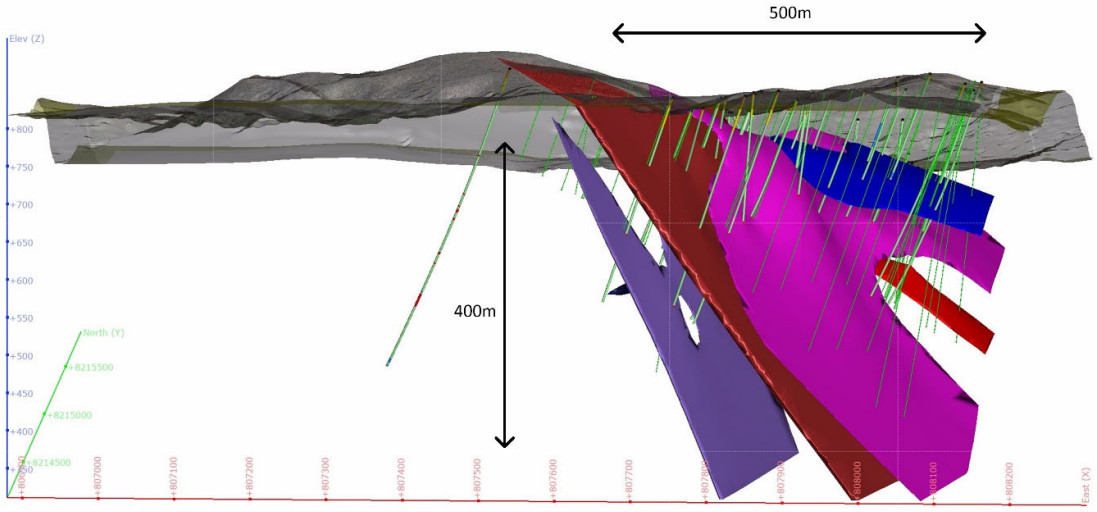

Figure 1: Oblique image showing current model of the drilled pegmatite lenses at Colina and completed and planned drill traces

Colina Prospect – Resource Definition Drilling

Diamond drilling is on track for the delivery of the maiden Mineral Resource Estimate ("**MRE**") for Colina in December this year. Latest assay results from diamond drilling at the Company's 100% owned Colina Prospect, part of the broader Salinas Lithium Project in Brazil, continue to confirm the continuity of grade and thickness of the high-grade Colina pegmatites at depth (*Figure 2*). Latest results include[1]:

SADD023: **26.88m @ 1.40% Li_2O from 94m**

Inc: 18.00m @ 1.61% Li_2O from 97m

SADD026: **28.80m @ 1.16% Li_2O from 307m**

Inc: 14.80m @ 1.51% Li_2O from 321m

SADD024: **10.00m @ 1.05% Li_2O from 186m**

2.00m @ 0.64% Li_2O from 293m

SADD025: **2.00m @ 0.89% Li_2O from 190m**

SADD027: **2.15m @ 0.67% Li_2O from 198m**

2.51m @ 0.94% Li_2O from 220m

Inc: 1.66m @ 1.24% Li_2O from 220m

Colina Prospect – Metallurgical Test Work Results

As previously announced[2], the Company has commenced a series of metallurgical test work programs with the initial first pass sighter test work showing a high recovery of **78.72% of the Li_2O** into a concentrate grading a very high **6.57% Li_2O**. Further sighter test work will be undertaken with additional samples being prepared. These additional sighter tests will further explore the optimal crush size, and additional heavy liquid separation (HLS) cut points in order to optimise the larger test work flowsheet for the planned detailed Preliminary Economic Assessment (PEA).

[1] Refer to Appendix 1 Table 2 for a full details of significant intersections
[2] Refer to ASX announcement dated 24 August 2022

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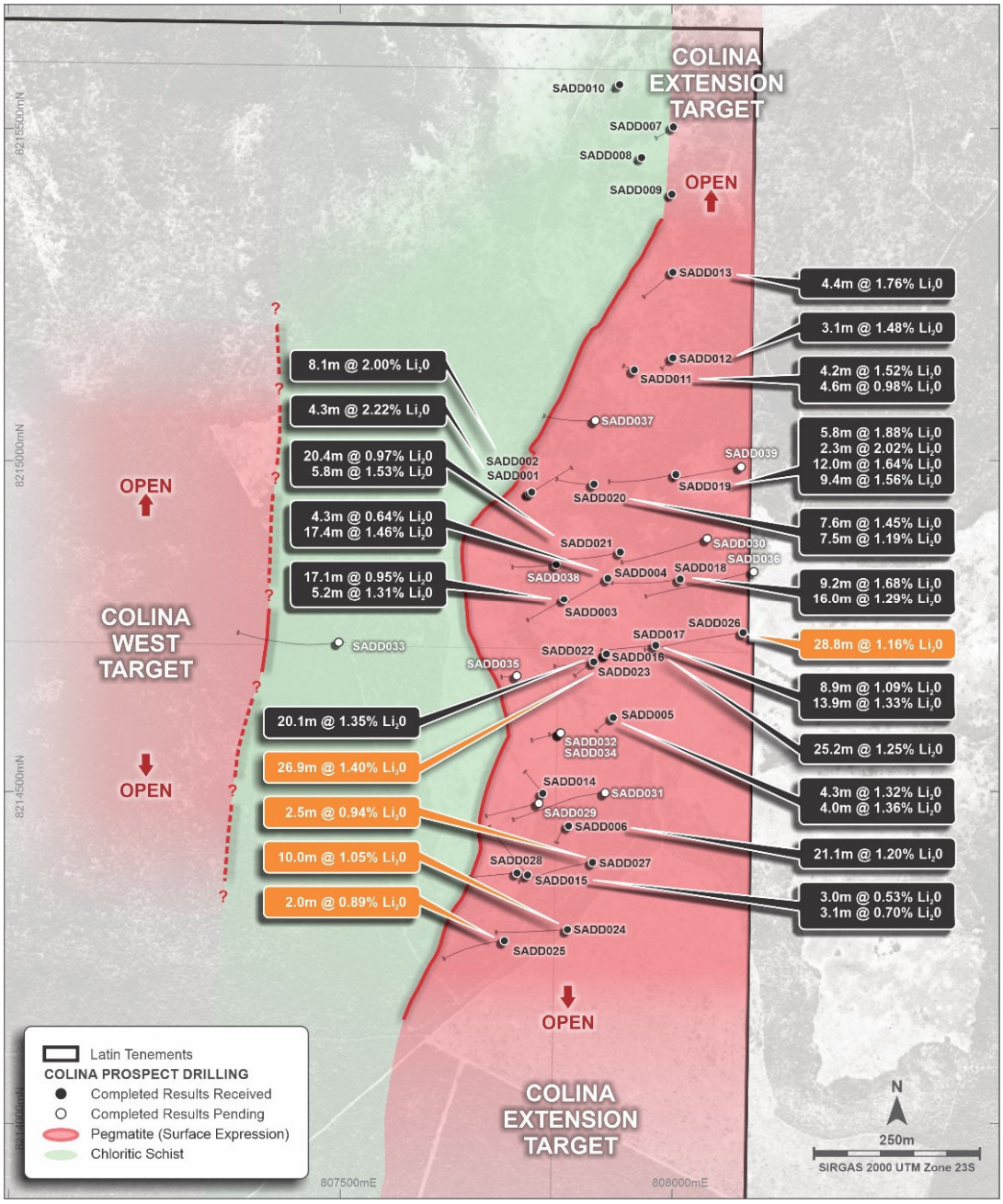

Figure 2: Colina Prospect area showing completed drill collars[3] and significant intersections received to date

Salinas South Prospect – Regional mapping and systematic sampling

In addition to the current resource definition drilling campaign, Latin has recommenced regional mapping activities focused on the Salinas South tenement area located approximately 17.0km to the south-west of Colina (*Figure 5*, *Appendix 1*), where the previous seasons' exploration work identified a 'lithium corridor' extending across 4.0km. Soil sampling completed toward the end of the previous campaign highlighted an area of anomalous lithium in the northeast of the tenement (*Figure 3*). New mapping will focus in this area to refine the initial drill targets as well as extending geochemical sampling along the full extent of the mapped prospective corridor.

[3] Refer to Appendix 1 Table 1 for drill collar details

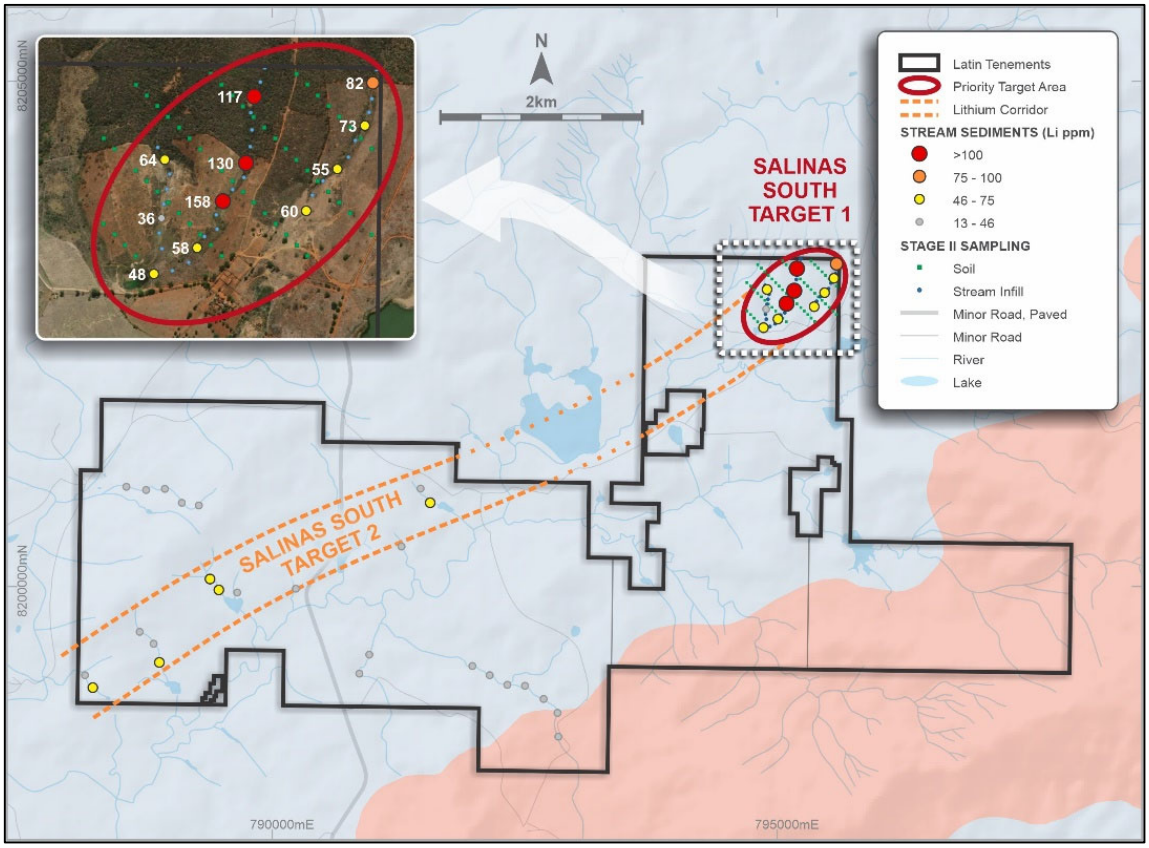

Figure 3: Salinas South tenement package, highlighting the mapped 'Lithium Corridor' and initial target areas

This Announcement has been authorised for release to ASX by the Board of Latin Resources.

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About Latin Resources

Latin Resources Limited (ASX: LRS) is an Australian-based mineral exploration company, with projects in South America and Australia, that is developing mineral projects in commodities that progress global efforts towards Net Zero emissions.

The Company is focused on its flagship Salinas Lithium Project in the pro-mining district of Minas Gerais Brazil, where the Company has its maiden resource drilling definition campaign underway. Latin has appointed leading mining consultant SGS Geological Services to establish a JORC Mineral Resource and commence feasibility studies at the Salinas Lithium Project. Latin also holds the Catamarca Lithium Project in Argentina and through developing these assets, aims to become one of the key lithium players to feed the world's insatiable appetite for battery metals.

The Australian projects include the Cloud Nine Halloysite-Kaolin Deposit. Cloud Nine Halloysite is being tested by CRC CARE aimed at identifying and refining halloysite usage in emissions reduction, specifically for the reduction in methane emissions from cattle.

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Forward-Looking Statement

This ASX announcement may include forward-looking statements. These forward-looking statements are not historical facts but rather are based on Latin Resources Ltd.'s current expectations, estimates and assumptions about the industry in which Latin Resources Ltd operates, and beliefs and assumptions regarding Latin Resources Ltd.'s future performance. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates", "potential" and similar expressions are intended to identify forward-looking statements. Forward-looking statements are only predictions and are not guaranteed, and they are subject to known and unknown risks, uncertainties and assumptions, some of which are outside the control of Latin Resources Ltd. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. Actual values, results or events may be materially different to those expressed or implied in this ASX announcement. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward-looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, Latin Resources Ltd does not undertake any obligation to update or revise any information or any of the forward-looking statements in this announcement or any changes in events, conditions or circumstances on which any such forward looking statement is based.

Competent Person Statement

The information in this report that relates to Geological Data and Exploration Results is based on information compiled by Mr Anthony Greenaway, who is an employee of Latin resources and a Member of the Australian Institute of Mining and Metallurgy. Mr Greenaway sufficient experience which 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'. Mr Fonseca consents to the inclusion in this report of the matters based on his information, and information presented to him, in the form and context in which it appears.

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APPENDIX 1

FIGURE 4
SALINAS LITHIUM PROJECT REGIONAL GEOLOGY AND TENURE

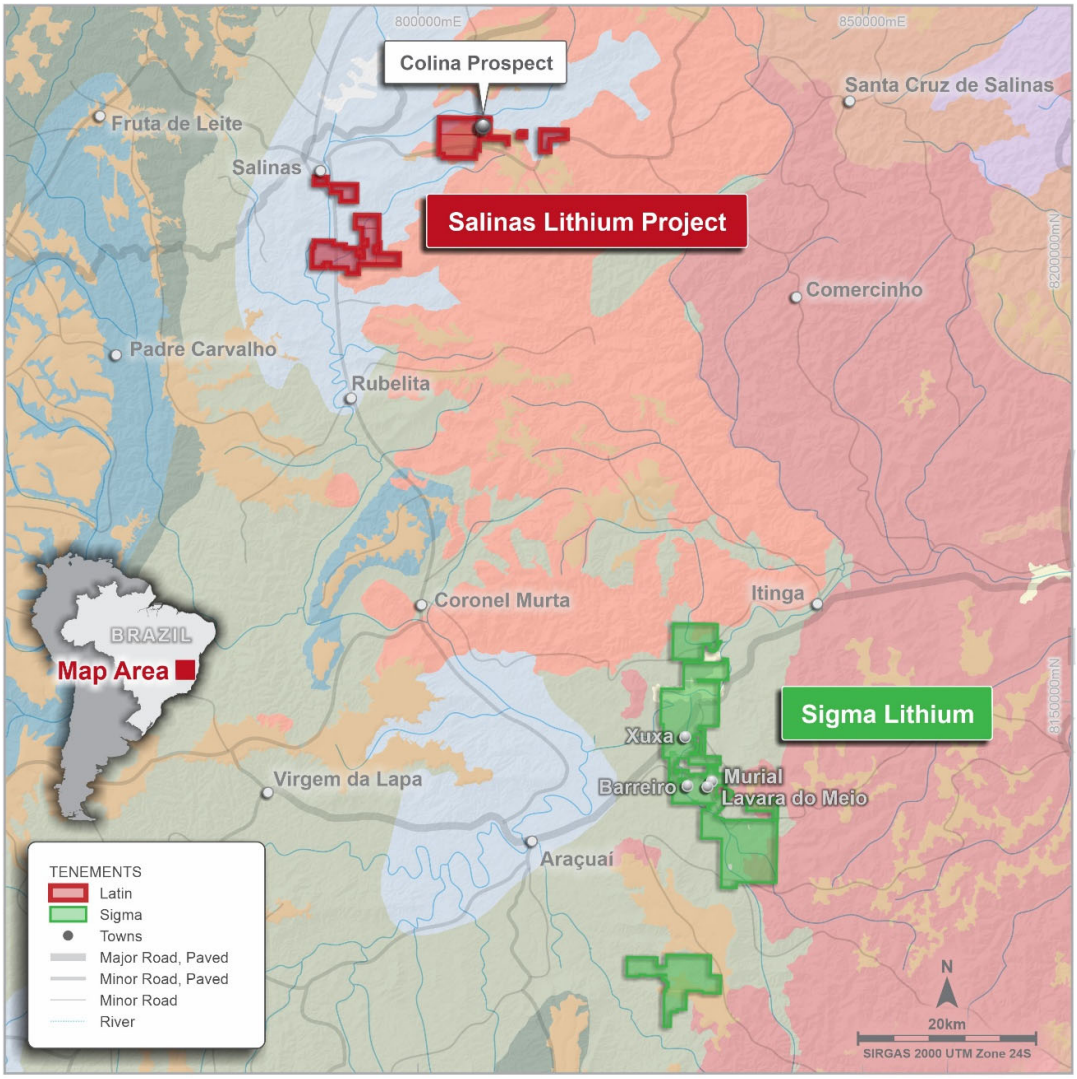

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TABLE 1
COLINA PROSPECT DRILL COLLAR TABLE

Hole ID	Easting (m)	Northing (m)	RL (m)	Azi (deg)	Dip (deg)	EOH Depth (m)	Hole Status
SADD001	807785	8214946	725	240	-84	120.68	Complete
SADD002	807786	8214947	725	60	-65	170.42	Complete
SADD003	807837	8214790	770	240	-65	157.25	Complete
SADD004	807903	8214822	765	240	-65	170.00	Complete
SADD005	807911	8214610	783	240	-80	201.60	Complete
SADD006	807845	8214448	813	240	-84	265.85	Complete
SADD007	808003	8215500	582	240	-80	173.92	Complete
SADD008	807957	8215458	584	230	-80	62.82	Complete
SADD009	808004	8215400	603	230	-80	59.77	Complete
SADD010	807923	8215567	564	230	-80	81.12	Complete
SADD011	807936	8215139	688	290	-84	160.42	Complete
SADD012	808004	8215155	690	230	-80	134.50	Complete
SADD013	807998	8215283	629	230	-65	131.45	Complete
SADD014	807796	8214496	799	320	-75	169.35	Complete
SADD015	807778	8214377	800	320	-65	216.30	Complete
SADD016	807905	8214700	773	240	-80	300.70	Complete
SADD017	807986	8214714	783	260	-70	229.05	Complete
SADD018	808008	8214821	780	260	-70	271.65	Complete
SADD019	808002	8214979	767	260	-70	275.60	Complete
SADD020	807886	8214958	742	260	-80	261.10	Complete
SADD021	807925	8214865	754	260	-65	267.60	Complete
SADD022	807884	8214693	770	240	-80	141.70	Complete
SADD023	807901	8214706	773	260	-70	133.05	Complete
SADD024	807843	8214294	829	260	-70	331.90	Complete
SADD025	807747	8214275	828	260	-67	283.94	Complete
SADD026	808102	8214735	791	260	-70	360.35	Complete
SADD027	807875	8214394	822	260	-70	325.90	Complete
SADD028	807766	8214376	810	260	-70	198.40	Complete
SADD029	807797	8214480	801	260	-65	233.60	Complete
SADD030	808057	8214878	786	257	-69	348.35	Complete
SADD031	807899	8214498	797	260	-70	321.90	Complete
SADD032	807833	8214586	771	260	-70	120.00	Complete
SADD033	807508	8214725	807	260	-70	339.35	Complete
SADD034	807832	8214587	771	260	-70	45.00	Complete
SADD035	807766	8214674	760	260	-80	126.95	Complete
SADD036	808114	8214836	781	260	-70	399.35	Complete
SADD037	807901	8215065	713	260	-75	255.15	Complete
SADD038	807825	8214843	761	260	-70	183.20	Complete
SADD039	808104	8214990	749	260	-70	306.40	Complete

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TABLE 2
COLINA PROSPECT SIGNIFICANT DIAMOND DRILL RESULTS

Hole ID	From (m)	To (m)	Interval (m)	Li2O (%)
SADD001	24.22	26.22	2.00	0.56
SADD001	83.82	88.13	4.31	**2.22**
SADD002	48.50	54.95	6.45	0.78
SADD002	111.30	119.43	8.13	**2.00**
Including:	*112.30*	*113.3*	*1.00*	***3.22***
	115.30	118.30	3.00	2.20
SADD003	65.65	82.70	**17.05**	**0.95**
Including:	*69.65*	*73.65*	*4.00*	*1.96*
	98.35	103.50	5.15	1.31
Including:	*98.35*	*100.25*	*1.90*	***2.13***
SADD004	119.80	137.18	**17.38**	**1.46**
Including:	*120.95*	*131.15*	***10.20***	***2.05***
Including:	*120.95*	*124.00*	*3.05*	***2.26***
	127.00	129.00	2.00	**3.07**
SADD005	*125.4*	*129.65*	*4.25*	*1.32*
Including:	*127.55*	*128.60*	*1.05*	***2.65***
	159.10	163.10	4.00	1.36
Including:	*161.10*	*162.10*	*1.00*	*1.92*
SADD006	208.80	229.90	**21.10**	**1.26**
Including:	*210.90*	*224.90*	***14.00***	***1.69***
Including:	*214.90*	*217.90*	*3.00*	***2.28***
SADD007	*No Significant results*			
SADD008	*No Significant results*			
SADD009	*No Significant results*			
SADD010	*No Significant results*			
SADD011	*49.90*	*51.00*	*1.10*	*1.15*
	60.82	*63.95*	*3.13*	*1.48*
including:	*60.82*	*61.95*	*1.13*	*1.73*
SADD012	*64.80*	*69.03*	*4.23*	*1.52*
Including:	*64.80*	*66.90*	*2.10*	***2.27***
	97.95	102.50	4.55	0.98
Including:	*98.86*	*101.59*	*2.73*	*1.32*
	110.05	111.60	1.55	1.37
Including:	*110.05*	*110.85*	*0.80*	***2.12***
SADD013	36.75	41.10	4.35	1.76
Including:	*36.75*	*40.05*	*3.30*	***2.08***
SADD014	*No Significant results*			
SADD015	*97.87*	*100.87*	*3.00*	*0.53*
	183.53	*184.50*	*0.97*	*1.57*
	189.78	*192.88*	*3.10*	*0.70*
SADD016	*94.14*	*119.38*	***25.24***	***1.25***
Including:	*97.00*	*104.00*	*7.00*	*1.52*
And:	*109.00*	*118.19*	*9.19*	*1.51*
SADD017	133.00	141.87	8.87	1.09
Including:	*137.00*	*138.00*	*1.00*	***2.02***

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Hole ID	From (m)	To (m)	Interval (m)	Li2O (%)
And:	*144.00*	*145.00*	*1.00*	*1.85*
	173.29	187	**13.86**	**1.33**
Including:	*178.00*	*185.00*	*7.00*	*1.93*
SADD018	133.84	143.00	9.16	1.68
Including:	*135.00*	*141.00*	*6.00*	***2.16***
Including:	*137.00*	*138.00*	*1.00*	***3.52***
	146.00	147.00	1.00	0.75
	149.00	150.00	1.00	1.30
	189.00	205.00	**16.00**	**1.29**
Including:	*190.00*	*198.00*	*8.00*	*1.98*
Including:	*190.00*	*191.00*	*1.00*	***3.06***
And:	*196.00*	*197.00*	*1.00*	***4.22***
SADD019	117.12	119.73	2.61	0.80
	140.94	146.78	5.84	1.88
	164.57	166.15	1.58	0.77
	185.13	187.44	2.31	**2.02**
Including:	*186.00*	*187.44*	*1.44*	***2.66***
	206.24	218.20	**11.96**	**1.62**
Including	*210.00*	*218.20*	*8.20*	*1.82*
	237.30	246.73	9.43	1.56
Including	*240.00*	*244.00*	*4.00*	***2.42***
SADD020	94.05	95.10	1.05	0.74
	97.97	100.00	2.03	0.98
	120.33	122.68	2.35	**3.57**
	143.77	151.35	7.58	1.45
Including:	*144.40*	*146.00*	*1.60*	***2.45***
	207.08	214.54	7.46	1.19
SADD021	120.60	141.00	**20.40**	**0.97**
Including:	*120.60*	*131.00*	*10.4*	*1.25*
	188.93	194.74	5.81	1.53
SADD022	71.00	91.09	**20.09**	**1.35**
Including:	*73.00*	*75.00*	*2.00*	***2.17***
And:	*80.00*	*82.00*	*2.00*	***2.32***
SADD023	*94.00*	*120.88*	***26.88***	***1.40***
Including:	*97.00*	*115.00*	*18.00*	*1.61*
SADD024	*186.00*	*196.00*	*10.00*	*1.05*
Including:	*190.00*	*195.00*	*5.00*	*1.61*
	293.00	*295.00*	*2.00*	*0.64*
SADD025	*190.00*	*192.00*	*2.00*	*0.89*
SADD026	*307.00*	*335.80*	***28.80***	***1.16***
Including:	*321.00*	*335.80*	*14.80*	*1.51*
SADD027	*197.80*	*199.95*	*2.15*	*0.67*
	219.64	*221.30*	*2.51*	*0.94*
SADD028	*No Significant results**			

**Note: Highly weathered hallow Spodumene Pegmatite intersection, with remnant pseudo morphed (kaolinised) spodumene crystals.*

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TABLE 3
COLINA PROSPECT DIAMOND DRILLING ASSAY RESULTS

HOLE ID	FROM (m)	TO (m)	Interval (m)	LITHO	Li_2O (%)[4]
SADD023	22.00	23.00	1.00	SCH	0.19
SADD023	23.00	24.00	1.00	SCH	0.23
SADD023	24.00	24.86	0.86	PEG	0.00
SADD023	24.86	25.72	0.86	PEG	0.00
SADD023	25.72	26.58	0.86	PEG	0.01
SADD023	26.58	27.60	1.02	SCH	0.06
SADD023	27.60	28.60	1.00	SCH	0.09
SADD023	57.36	58.18	0.82	PEG	0.02
SADD023	90.60	91.60	1.00	SCH	0.20
SADD023	91.60	92.61	1.01	SCH	0.29
SADD023	92.61	93.00	0.39	SPEG	0.12
SADD023	93.00	94.00	1.00	SPEG	0.03
SADD023	94.00	95.00	1.00	SPEG	0.70
SADD023	95.00	96.00	1.00	SPEG	0.26
SADD023	96.00	97.00	1.00	SPEG	0.33
SADD023	97.00	98.00	1.00	SPEG	1.81
SADD023	98.00	99.00	1.00	SPEG	2.46
SADD023	99.00	100.00	1.00	SPEG	1.52
SADD023	100.00	101.00	1.00	SPEG	3.33
SADD023	101.00	102.00	1.00	SPEG	1.54
SADD023	102.00	103.00	1.00	SPEG	0.88
SADD023	103.00	104.00	1.00	SPEG	1.68
SADD023	104.00	105.00	1.00	SPEG	0.40
SADD023	105.00	106.00	1.00	SPEG	0.81
SADD023	106.00	107.00	1.00	SPEG	1.23
SADD023	107.00	108.00	1.00	SPEG	0.39
SADD023	108.00	109.00	1.00	SPEG	2.00
SADD023	109.00	110.00	1.00	SPEG	1.53
SADD023	110.00	111.00	1.00	SPEG	1.20
SADD023	111.00	112.00	1.00	SPEG	2.34
SADD023	112.00	113.00	1.00	SPEG	2.00
SADD023	113.00	114.00	1.00	SPEG	1.63
SADD023	114.00	115.00	1.00	SPEG	2.26
SADD023	115.00	116.00	1.00	SPEG	1.14
SADD023	116.00	117.00	1.00	SPEG	0.83
SADD023	117.00	118.00	1.00	SPEG	1.61
SADD023	118.00	119.00	1.00	SPEG	1.19
SADD023	119.00	120.00	1.00	SPEG	1.20
SADD023	120.00	120.88	0.88	SPEG	1.62
SADD023	120.88	121.90	1.02	SCH	0.46

[4] Reader should consider that surface weathering normally decreases the lithium content, with spodumene minerals tending to become kaolinized at shallow depths which may reduce the grade at this level

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HOLE ID	FROM (m)	TO (m)	Interval (m)	LITHO	Li_2O (%)[4]
SADD023	121.90	122.90	1.00	SCH	0.25
SADD023	128.36	129.03	0.67	PEG	0.02
SADD024	182.75	183.75	1.00	SCH	0.17
SADD024	183.75	184.75	1.00	SCH	0.19
SADD024	184.75	185.40	0.65	SPEG	0.02
SADD024	185.40	186.00	0.60	SPEG	0.03
SADD024	186.00	187.00	1.00	SPEG	0.79
SADD024	187.00	188.00	1.00	SPEG	0.87
SADD024	188.00	189.00	1.00	SPEG	0.79
SADD024	189.00	190.00	1.00	SPEG	0.12
SADD024	190.00	191.00	1.00	SPEG	1.51
SADD024	191.00	192.00	1.00	SPEG	1.31
SADD024	192.00	193.00	1.00	SPEG	1.45
SADD024	193.00	194.00	1.00	SPEG	1.66
SADD024	194.00	195.00	1.00	SPEG	1.43
SADD024	195.00	196.00	1.00	SPEG	0.55
SADD024	196.00	197.00	1.00	SPEG	0.29
SADD024	197.00	198.00	1.00	SPEG	0.05
SADD024	198.00	199.00	1.00	SPEG	0.30
SADD024	199.00	200.02	1.02	SPEG	0.05
SADD024	200.02	201.00	0.98	SCH	0.23
SADD024	201.00	202.00	1.00	SCH	0.19
SADD024	234.22	234.52	0.30	PEG	0.02
SADD024	275.31	275.62	0.31	PEG	0.04
SADD024	290.00	291.09	1.09	SCH	0.16
SADD024	291.09	291.42	0.33	PEG	0.03
SADD024	291.42	292.49	1.07	SCH	0.22
SADD024	292.49	293.00	0.51	SPEG	0.02
SADD024	293.00	294.00	1.00	SPEG	0.47
SADD024	294.00	295.00	1.00	SPEG	0.81
SADD024	295.00	296.00	1.00	SPEG	0.27
SADD024	296.00	296.85	0.85	SPEG	0.03
SADD024	296.85	297.85	1.00	SCH	0.22
SADD024	297.85	298.85	1.00	SCH	0.15
SADD025	75.18	76.03	0.85	PEG	0.02
SADD025	92.40	93.40	1.00	SCH	0.20
SADD025	93.40	94.43	1.03	SCH	0.21
SADD025	94.43	94.64	0.21	PEG	0.04
SADD025	94.64	95.00	0.36	SCH	0.53
SADD025	95.00	96.00	1.00	SPEG	0.07
SADD025	96.00	97.00	1.00	SPEG	0.07
SADD025	97.00	98.00	1.00	SPEG	0.04
SADD025	98.00	99.00	1.00	SPEG	0.04
SADD025	99.00	100.00	1.00	SPEG	0.05

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HOLE ID	FROM (m)	TO (m)	Interval (m)	LITHO	Li_2O (%)[4]
SADD025	100.00	101.00	1.00	SPEG	0.07
SADD025	101.00	102.00	1.00	SPEG	0.08
SADD025	102.00	102.60	0.60	SPEG	0.14
SADD025	102.60	103.25	0.65	SPEG	0.02
SADD025	103.25	104.25	1.00	SCH	0.40
SADD025	104.25	105.25	1.00	SCH	0.30
SADD025	109.78	110.07	0.29	PEG	0.04
SADD025	112.62	113.27	0.65	PEG	0.14
SADD025	169.24	169.90	0.66	VQZ	0.05
SADD025	169.90	170.60	0.70	VQZ	0.02
SADD025	170.60	171.41	0.81	VQZ	0.11
SADD025	187.30	188.30	1.00	SCH	0.18
SADD025	188.30	189.28	0.98	SCH	0.23
SADD025	189.28	190.00	0.72	SPEG	0.11
SADD025	190.00	191.00	1.00	SPEG	0.96
SADD025	191.00	192.00	1.00	SPEG	0.82
SADD025	192.00	193.00	1.00	SPEG	0.02
SADD025	193.00	194.00	1.00	SPEG	0.02
SADD025	194.00	194.67	0.67	SPEG	0.03
SADD025	194.67	195.67	1.00	SCH	0.20
SADD025	195.67	196.67	1.00	PEG	0.15
SADD026	303.77	304.73	0.96	SCH	0.32
SADD026	304.73	305.63	0.90	SCH	0.43
SADD026	305.63	306.30	0.67	SPEG	0.06
SADD026	306.30	307.00	0.70	SPEG	0.14
SADD026	307.00	308.00	1.00	SPEG	0.48
SADD026	308.00	309.00	1.00	SPEG	1.40
SADD026	309.00	310.00	1.00	SPEG	0.12
SADD026	310.00	311.00	1.00	SPEG	0.51
SADD026	311.00	312.00	1.00	SPEG	0.62
SADD026	312.00	313.00	1.00	SPEG	2.06
SADD026	313.00	314.00	1.00	SPEG	1.79
SADD026	314.00	315.00	1.00	SPEG	1.19
SADD026	315.00	315.84	0.84	SPEG	0.12
SADD026	315.84	317.04	1.20	SCH	0.73
SADD026	317.04	317.79	0.75	SPEG	1.18
SADD026	317.79	318.91	1.12	SCH	0.72
SADD026	318.91	320.00	1.09	SPEG	0.11
SADD026	320.00	321.00	1.00	SPEG	0.08
SADD026	321.00	322.00	1.00	SPEG	2.79
SADD026	322.00	323.00	1.00	SPEG	2.66
SADD026	323.00	324.00	1.00	SPEG	1.11
SADD026	324.00	325.00	1.00	SPEG	1.53
SADD026	325.00	326.00	1.00	SPEG	1.81

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HOLE ID	FROM (m)	TO (m)	Interval (m)	LITHO	Li_2O (%)[4]
SADD026	326.00	327.00	1.00	SPEG	1.00
SADD026	327.00	328.00	1.00	SPEG	0.64
SADD026	328.00	329.00	1.00	SPEG	0.68
SADD026	329.00	330.00	1.00	SPEG	1.17
SADD026	330.00	331.00	1.00	SPEG	2.14
SADD026	331.00	332.00	1.00	SPEG	1.79
SADD026	332.00	333.00	1.00	SPEG	0.31
SADD026	333.00	334.00	1.00	SPEG	1.93
SADD026	334.00	335.00	1.00	SPEG	1.50
SADD026	335.00	335.80	0.80	SPEG	1.54
SADD026	335.80	336.63	0.83	SPEG	0.04
SADD026	336.63	337.50	0.87	SCH	0.26
SADD026	337.50	338.50	1.00	SCH	0.20
SADD027	46.00	46.50	0.50	VQZ	0.00
SADD027	163.61	164.14	0.53	PEG	0.02
SADD027	174.50	175.50	1.00	SCH	0.20
SADD027	175.50	176.53	1.03	SCH	0.20
SADD027	176.53	177.26	0.73	PEG	0.03
SADD027	177.26	178.00	0.74	PEG	0.03
SADD027	178.00	179.00	1.00	PEG	0.04
SADD027	179.00	180.00	1.00	PEG	0.05
SADD027	180.00	181.00	1.00	PEG	0.04
SADD027	181.00	182.13	1.13	PEG	0.04
SADD027	182.13	183.00	0.87	SCH	0.62
SADD027	183.00	184.00	1.00	SCH	0.34
SADD027	187.17	187.90	0.73	PEG	0.04
SADD027	195.80	196.80	1.00	SCH	0.29
SADD027	196.80	197.80	1.00	SCH	0.33
SADD027	197.80	198.85	1.05	SPEG	0.32
SADD027	198.85	199.95	1.10	SPEG	1.01
SADD027	199.95	200.95	1.00	SCH	0.33
SADD027	200.95	201.95	1.00	SCH	0.31
SADD027	210.17	210.79	0.62	PEG	0.04
SADD027	217.60	218.60	1.00	SCH	0.35
SADD027	218.60	219.64	1.04	SCH	0.39
SADD027	219.64	220.50	0.86	SPEG	0.85
SADD027	220.50	221.30	0.80	SPEG	1.65
SADD027	221.30	222.15	0.85	SPEG	0.36
SADD027	222.15	223.00	0.85	SCH	0.27
SADD027	223.00	224.00	1.00	SCH	0.21
SADD027	303.81	304.61	0.80	PEG	0.09
SADD027	311.00	312.00	1.00	SCH	0.19
SADD027	312.00	313.00	1.00	SCH	0.23
SADD027	313.00	313.82	0.82	PEG	0.03

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HOLE ID	FROM (m)	TO (m)	Interval (m)	LITHO	Li_2O (%)[4]
SADD027	313.82	314.60	0.78	PEG	0.02
SADD027	314.60	315.47	0.87	PEG	0.02
SADD027	315.47	316.50	1.03	SCH	0.20
SADD027	316.50	317.50	1.00	SCH	0.14
SADD028	23.27	23.71	0.44	PEG	0.01
SADD028	46.90	47.38	0.48	PEG	0.02
SADD028	62.45	63.45	1.00	SCH	0.20
SADD028	63.45	64.45	1.00	SCH	0.34
SADD028	64.45	65.45	1.00	SPEG*	0.04
SADD028	65.45	66.45	1.00	SPEG*	0.04
SADD028	66.45	67.45	1.00	SPEG*	0.05
SADD028	67.45	68.45	1.00	SPEG*	0.08
SADD028	68.45	69.45	1.00	SPEG*	0.07
SADD028	69.45	70.65	1.20	SPEG*	0.07
SADD028	70.65	71.75	1.10	SPEG*	0.09
SADD028	71.75	72.87	1.12	PEG	0.05
SADD028	72.87	73.87	1.00	SCH	0.42
SADD028	73.87	74.87	1.00	SCH	0.29
SADD028	85.70	86.52	0.82	PEG	0.04
SADD028	98.05	98.27	0.22	PEG	0.01
SADD028	160.73	161.73	1.00	SCH	0.17
SADD028	161.73	162.73	1.00	SCH	0.26
SADD028	162.73	163.73	1.00	PEG	0.06
SADD028	163.73	164.73	1.00	PEG	0.02
SADD028	164.73	165.73	1.00	PEG	0.03
SADD028	165.73	166.73	1.00	PEG	0.03
SADD028	166.73	167.73	1.00	PEG	0.03
SADD028	167.73	168.73	1.00	PEG	0.02
SADD028	168.73	169.60	0.87	PEG	0.04
SADD028	169.60	170.60	1.00	SCH	0.35
SADD028	170.60	171.60	1.00	SCH	0.25

**Note: Highly weathered hallow Spodumene Pegmatite intersection, with remnant pseudo morphed (kaolinised) spodumene crystals.*

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APPENDIX 2

JORC CODE, 2012 EDITION – TABLE 1

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 (e.g. 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 (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*
		• *The July 2021 stream sediment sampling program was completed by Latin Resources.*
		• *Latin Resources stream sediment sampling:*
		  ○ *Stream sediment samples were taken in the field by Latin's geologists during field campaign using pre-set locations and procedures.*
		  ○ *All surface organic matter and soil were removed from the sampling point, then the active stream sediment was collected from five holes spaced 2.5 m using a post digger.*
		  ○ *Five subsamples were collected along 25 cm depth, homogenised in a plastic tarp and split into four parts.*
		  ○ *The chosen part (1/4) was screened using a 2 mm stainless steel sieve.*
		  ○ *A composite sample weighting 350-400g of the <2 mm fraction was poured in a labelled zip lock bag for assaying.*
		  ○ *Oversize material retained in the sieve was analyzed with hand lens and discarded.*
		  ○ *The other three quartiles were discarded, sample holes were filled back, and sieve and canvas were thoroughly cleaned.*
		  ○ *Photographs of the sampling location were taken for all the samples.*
		  ○ *Sample book were filled in with sample information and coordinates.*
		  ○ *Stream sediment sample locations were collected in the field using a hand-held GPS with +/-5m accuracy using Datum SIRGAS 2000, Zone 23 South) coordinate system.*
		  ○ *No duplicate samples were taken at this stage.*
		  ○ *No certified reference standards samples were submitted at this stage.*
		• *Latin Resources Diamond Drilling:*
		  ○ *Diamond core has been sampled in intervals of ~ 1 m (up to 1.18 m) where possible, otherwise intervals less than 1 m have been selected based on geological boundaries. Geological boundaries have not been crossed by sample intervals.*
		  ○ *½ core samples have been collected and submitted for analysis, with regular field duplicate samples collected and submitted for QA/QC analysis.*

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Criteria	JORC Code explanation	Commentary

Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• *Latin Resources drilling is completed using industry standard practices. Diamond drilling is completed using HQ size coring equipment.*
		• *Drilling techniques used at Salinas Project comprise:*
		  ○ *NTW Diamond Core (64.2mm diameter), standard tube to a depth of ~200- 250 m.*
		  ○ *Diamond core holes drilled directly from surface.*
		  ○ *Down hole survey was carried out by Reflex EZ-TRAC tool.*
		  ○ *Core orientation was provided by an ACT Reflex (ACT III) tool.*
		• *All drill collars are surveyed using handheld GPS.*

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.*	• *Latin Resources core is depth marked and orientated to check against the driller's blocks, ensuring that all core loss is taken into account. Diamond core recovery is logged and captured into the database.* • *Zones of significant core loss may have resulted in grade dilution due to the loss of fine material.*
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.*	• *All drill cores have been geologically logged.* • *Sampling is by sawing core in half and then sampling core on nominal 1m intervals.* • *All core sample intervals have been photographed before and after sawing.* • *Latin's geological logging is completed for all holes, and it is representative. The lithology, alteration, and structural characteristics of drill samples are logged following standard procedures and using standardised geological codes.* • *Logging is both qualitative and quantitative depending on field being logged.* • *All drill-holes are logged in full.* • *Geological structures are collected using Reflex IQ Logger.* • *All cores are digitally photographed and stored.*

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.*
		• *For the 2021 stream sediment sampling program:*
		  ○ *All samples collected from field were dry due to dry season.*
		  ○ *To maximise representativeness, samples were taken from five holes weighting around 3 Kg each for a total of 15 Kg to be reduced to 350-400 g.*
		  ○ *Samples were dried, crushed and pulverized 250g to 95% at 150#. Any samples requiring splitting were split using a Jones splitter.*
		• *For the 2022 diamond drilling program:*

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Criteria	JORC Code explanation	Commentary
	• *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.*	○ *Samples were crushed in a hammer mill to 75% passing -3mm followed by splitting off 250g using a Jones splitter and pulverizing to better than 95% passing 75 microns.* ○ *Duplicate sampling is carried out routinely throughout the drilling campaign. The laboratory will carry out routine internal repeat assays on crushed samples.* ○ *The selected sample mass is considered appropriate for the grain size of the material being sampled.*
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *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.* • *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	• *For the 2021 stream sediment sampling program:* ○ *The stream sediment samples were assayed via ICM90A (fusion by sodium peroxide and finish with ICP-MS/ICP-OES) for a 56-element suite at the SGS Geosol Laboratorios located at Vespasiano/Minas Gerais, Brazil.* ○ *No control samples have been used at this stage. The internal laboratory controls (blanks, duplicates and standards) are considered suitable.* • *For the 2022 diamond drilling program:* ○ *Core samples are assayed via ICM90A (fusion by sodium peroxide and finish with ICP-MS/ICP-OES) for a 56-element suite at the SGS Geosol Laboratorios located at Vespasiano/Minas Gerais, Brazil.* ○ *If lithium results are above 15,000ppm, the Lab analyze the pulp samples just for lithium through ICP90Q (fusion by sodium peroxide and finish with ICP/OES).*
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.*	• *Selected sample results which are considered to be significant will be subjected to resampling by the Company. This can be achieved by either reassaying of sample pulps, resplitting of coarse reject samples, or resplitting of core and reassaying.* • *All Latin Resources data is verified by the Competent person. All data is stored in an electronic Access Database.* ○ *Assay data and results is reported, unadjusted.* ○ *Li_2O results used in the market are converted from Li results multiplying it by the industry factor 2.153.*
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.*	• *Stream sediment sample locations and drill collars are captured using a handheld GPS.* • *Drill collars are located using a handheld GPS.* • *All GPS data points were later visualized using ESRI ArcGIS Software to ensure they were recorded in the correct position.* • *The grid system used was UTM SIRGAS 2000 zone 23 South.*

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Criteria	JORC Code explanation	Commentary
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.*	• *Stream sediment samples were taken every 200m between sampling points along the drainages which is considered appropriate for a first stage, regional work.* • *Every sampling spot had a composite sample made of five subsamples spaced 2.5 m each other along a channel for a 10 m length zone or a cross pattern with the same spacing of 2.5 m for the open valleys and braided channels.* • *Due to the preliminary nature of the initial drilling campaign, drill holes are designed to test specific targets, with not set drill spacing.*
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.*	• *Sampling is preferentially across the strike or trend of mineralised outcrops.* • *Drilling has been designed to intersect the mapped stratigraphy as close to normal as possible.*
Sample security	• *The measures taken to ensure sample security.*	• *At all times samples were in the custody and control of the Company's representatives until delivery to the laboratory where samples were held in a secure enclosure pending processing.*
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• *The Competent Person for Exploration Results reported here has reviewed the field procedures used for sampling program at field and has compiled results from the original sampling and laboratory data.* • *No External audit has been undertaken at this stage.*

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SECTION 2 REPORTING OF EXPLORATION RESULTS

(CRITERIA LISTED IN THE PRECEDING SECTION ALSO APPLY TO THIS SECTION.)

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.*	• *Exploration Licences 830.578/2019, 830.579/2019, 830.580/2019, 30.581/2019, 830.582/2019, 830.691/2017 and 832.515/2021 are 100% fully owned by Latin Resources Limited.* • *Latin has entered in separate exclusive option agreement to acquire 100% interest in the areas: 830.080/2022, 831.118/2008, 831.219/2017, 831.799/2005 (northern part).* • *The Company is not aware of any impediments to obtaining a licence to operate, subject to carrying out appropriate environmental and clearance surveys.*
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• *Historic exploration was carried out on the area 830.080/2022 (Monte Alto) with extraction of gems (tourmaline and lepidolite), amblygonite, columbite and feldspar.*
Geology	• *Deposit type, geological setting and style of mineralisation.*	• *Salinas Lithium Project geology comprises Neoproterozoic age sedimentary rocks of Araçuaí Orogen intruded by fertile Li-bearing pegmatites originated by fractionation of magmatic fluids from the peraluminous S-type post-tectonic granitoids of Araçuaí Orogen. Lithium mineralisation is related to discordant swarms of spodumene-bearing tabular pegmatites hosted by biotite-quartz schists.*

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.*
		• *All drill hole summary location data is provided in Appendix 1 to this report and is accurately represented in appropriate location maps and drill sections where required.*

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.*	• *Sample length weighted averaging techniques have been applied to the sample assay results.* • *Where duplicate core samples have been collected in the field, results for duplicate pairs have been averaged*

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Criteria	JORC Code explanation	Commentary
	• *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.*	• *A nominal minimum Li_2O grade of 0.4% Li_2O has been used to define a 'significant intersection'.* • *No grade top cuts have been applied.*
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 (e.g. 'down hole length, true width not known').*	• *Drilling is carried out at right angles to targeted structures and mineralised zones where possible.* • *Drill core orientation is of a high quality, with clear contact of pegmatite bodies, enabling the calculation of true width intersections.*
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.*	• *The Company has released various maps and figures showing the sample results in the geological context.*
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 avoiding misleading reporting of Exploration Results.*	• *All analytical results for lithium have been reported.*
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.*	• *All information that is considered material has been reported, including stream sediment sampling results, Drilling results geological context, etc.* • *Sighter metallurgical test work was undertaken on approximately 44kg of drill core sourced from drill hole SADD023 (26.99m: 94.00-120.88m) and submitted to independent laboratories SGS GEOSOL Laboratories in Belo Horizonte Brazil.* • *Test work included crushing, size fraction analysis and HLS separation to ascertain the amenability of the Colina Project spodumene pegmatite material to DMS treatment routes.*
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this*	• *Latin plans to undertake additional reconnaissance mapping, infill stream sediment and soil sampling at Salinas South Prospect.* • *Follow-up infill and step-out drilling will be undertaken based on results.* • *Additional metallurgical processing test work on drill core form the Colina Prospect.*

Criteria	JORC Code explanation	Commentary
	information is not commercially sensitive.	

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