



ASX Announcement

29 April 2025

QUARTERLY ACTIVITIES REPORT FOR THE QUARTER ENDED 31 MARCH 2025

Lightning Minerals (L1M or the Company) is pleased to report its Quarterly Activities Report for the quarter ending 31 March 2025.

HIGHLIGHTS

ASX: L1M

Shares on Issue

103,328,319

Performance Rights

46,049,999

Unlisted Options Outstanding

10,450,000 (exercisable at A\$0.25)

6,000,000 (exercisable at A\$0.105)

80,000 (exercisable at A\$0.30)

110,000 (exercisable at A\$0.40)

140,000 (exercisable at A\$0.50)

Listed Options Outstanding

40,389,258 (exercisable at A\$0.25)

Cash Position

A\$1.05 Million

(at 31 March 2025)

- Drilling began during the Quarter at the Company's Esperança project in the Lithium Valley region of Minas Gerais, Brazil
- Drill program of 2,000m to test artisanal workings where spodumene was identified in November 2024. Drilling ongoing subsequent to end of Quarter
- Further lithium in soil anomalism up to 429ppm Lithium identified at the Company's Caraíbas project in the Lithium Valley Region of Minas Gerais, Brazil
- Further lithium in soil anomalism up to 320ppm Lithium identified at the Company's Canabrava project in the Lithium Valley Region of Minas Gerais, Brazil
- Multiple lithium targets identified across all three project areas in Brazil
- Mapping and ground reconnaissance works ongoing to define further drill targets
- Managing Director, Alex Biggs completed a site visit to Brazil during the Quarter to visit drilling operations at Esperanca project and review targets at Caraíbas and Canabrava projects

Lightning Minerals Managing Director Alex Biggs said, "The first Quarter of the 2025 calendar year has been a strong one for the Company as we began drilling at Esperança. The number of targets we have across our Brazilian projects is testament to the prospectivity of the Lithium Valley in Minas Gerais and our works are ongoing subsequent to end of Quarter with confidence in the potential of our project areas increasing steadily as we execute our plans. Exploration drilling is continuing at Esperança and plans are underway for Reverse Circulation drilling at both Caraíbas and Canabrava. We look forward to the coming Quarter as we execute further exploration on additional targets in Brazil".



SUMMARY OF ANNOUNCEMENTS IN THE QUARTER

(ending 31 March 2025)

Announcement Date	Title
17/01/2025	Spodumene Confirmed & Strong Lithium Soil Results in Brazil
06/02/2025	Mobilisation Underway for Drilling at Esperança
10/02/2025	Updated Corporate Presentation
21/02/2025	Drilling Starts at Lithium Targets - Brazil's Lithium Valley

OPERATIONAL REVIEW

CARAÍBAS, SIDRÔNIO AND ESPERANÇA PROJECT OVERVIEW (100% L1M)

Exploration has focused on phase 1 drilling at the Esperança project focusing on the spodumene bearing pegmatites discovered in November 2024 (ASX Announcement 18 November 2024). Spodumene was confirmed during the period through Raman Spectroscopy (ASX Announcement 17 January 2025).

Multiple areas of lithium in soil anomalism have previously been identified including a 2km lithium in soil anomaly up to 239ppm Li at the Caraíbas project (ASX Announcement 02 December 2024) and lithium in soil anomalism up to 113ppm Li at the Canabrava project (ASX Announcement 03 October 2024). Infill soil sampling results across these key areas of interest was released during the Quarter for the Caraíbas and Canabrava projects with results up to 429ppm Lithium and 320ppm Lithium respectively.

Drill contractors Energold were engaged to complete up to 2,000m of diamond drilling at the Esperança project which began on the 20th February 2025 (ASX Announcement 21 February 2025). Drilling is ongoing subsequent to end of Quarter.

Further ground reconnaissance and drill target identification was also completed across all three project areas with drill planning underway for Caraíbas and Canabrava. 59 infill samples, and 78 new primary samples were completed at the Canabrava project. The infill soil sampling program was designed to follow up previous results where samples on 400m spaced sample lines returned results up to 113ppm Lithium (ASX Announcement 03 October 2024). The infill samples were collected on a reduced line spacing of 100m and show consistent lithium anomalism >80ppm which coincides with mapped pegmatites over a 700m strike length (Figure 6).

A small 78 sample program was also completed in the south-eastern areas of the Canabrava project in residual Salinas Formation sediments. Results are shown in Figure 7. The two easternmost sample lines have consistent lithium values above 200ppm with a peak result of 320ppm. Infill sampling at this location is being considered as part of the drill targeting and prioritisation exercise.

Soil results for the remaining 213 samples taken at the Caraíbas project show high tenor soil responses for lithium. Sampling proximal to an artisanal mine with known lithium mineral occurrences of lepidolite (ASX Announcement 22 April 2024) has returned elevations up to 429ppm Lithium, with several adjacent



samples returning values over 200ppm Lithium which is considered a high response for residual soils of Salinas Formation in the region (Figure 5).

The results are currently being investigated with follow up site visits underway to ascertain if outcropping geology at the sites can explain the magnitude of the lithium response. The results of field investigations will feed into the ongoing drill targeting and prioritisation exercise with a view to potentially developing new high priority targets post completion of the Esperança drilling campaign. This will be targeted at the identified lithium in soil anomaly extending approximately 2km with peak results up to 239ppm Lithium (ASX Announcement 02 December 2024).

DUNDAS PROJECT OVERVIEW (100% L1M)

A number of areas of interest were identified in the previously completed regional soil sampling program on Dundas North tenements E28/3027 and E28/3028 where broad lithium in soil anomalism was identified across an area of 35km² and up to 147ppm Li (ASX Announcement 01 May 2023). A detailed infill program has been completed during the Quarter within the initial program which was spaced at 400m x 400m. Infill sampling is planned on 100m x 200m spacing with results pending subsequent to end of Quarter.

DALMAS AND HIVER PROJECT OVERVIEW (100% L1M)

Data review is ongoing in the period through engagement of specialist Canadian consultants to complete a historic data review and compile all relevant, regional geological datasets including data collected during the Company's field program in 2023. Works are ongoing subsequent to end of Quarter.

MAILMAN HILL PROJECT OVERVIEW (100% L1M)

An internal review of the auger program completed in July 2024 which yielded anomalous gold results (ASX Announcement 21 August 2024) is underway with discussions underway regarding further exploration potential which would be completed via Aircore drilling. Evaluation is ongoing subsequent to end of Quarter.

MT BARTLE PROJECT (100% L1M)

Application for the Mt Bartle tenements is still pending based on execution of heritage agreements. Data review and analysis is ongoing and continues subsequent to the end of Quarter. Discussions regarding execution of heritage agreements are continuing.



Figure 1: Soil sampling and rock chip sampling locations (lithium) at the Esperança project

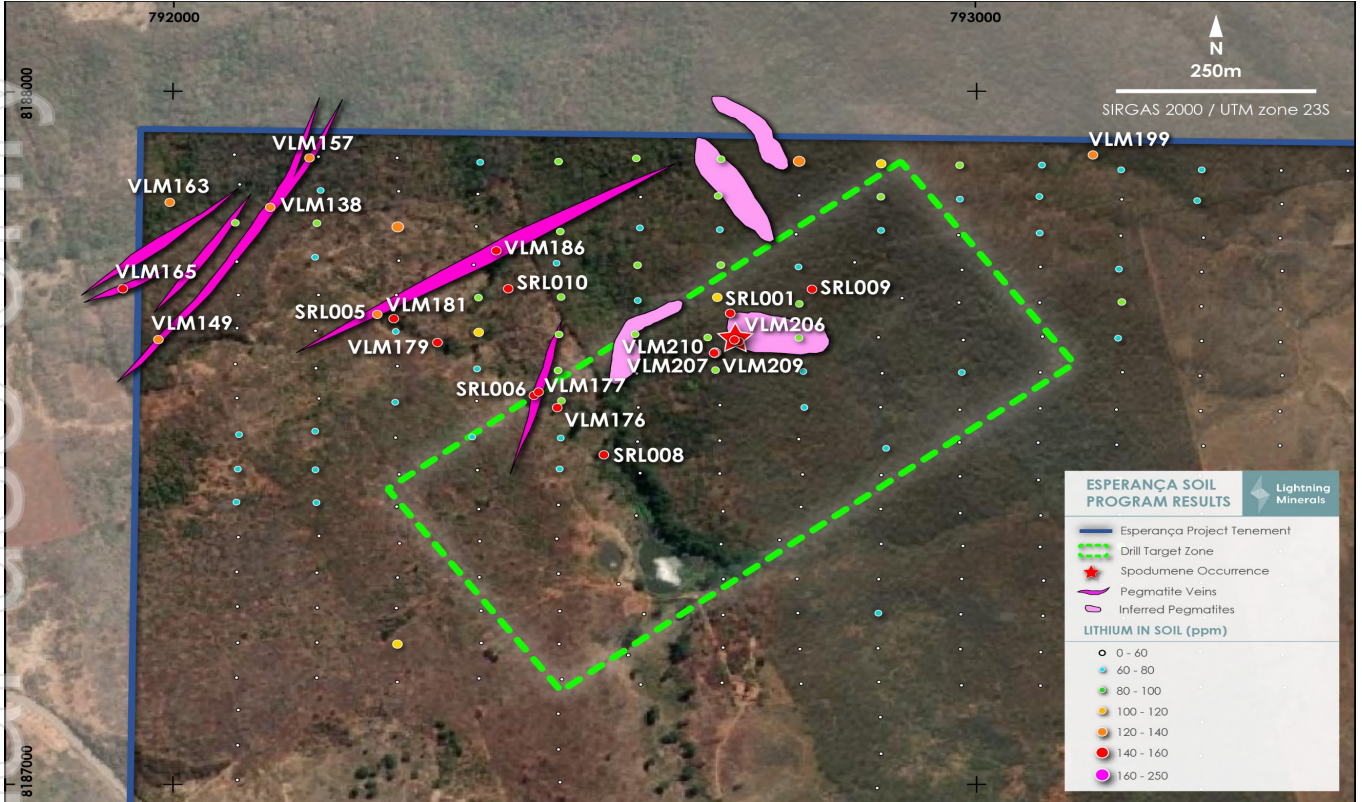


Figure 2: (Left) Photograph of highly weathered spodumene sample LMBR0009 taken from Esperança project in November 2024, (Right) Photograph of highly weathered spodumene sample LMBR0016 showing accessory wodginite in left crystal face (dark mineral)

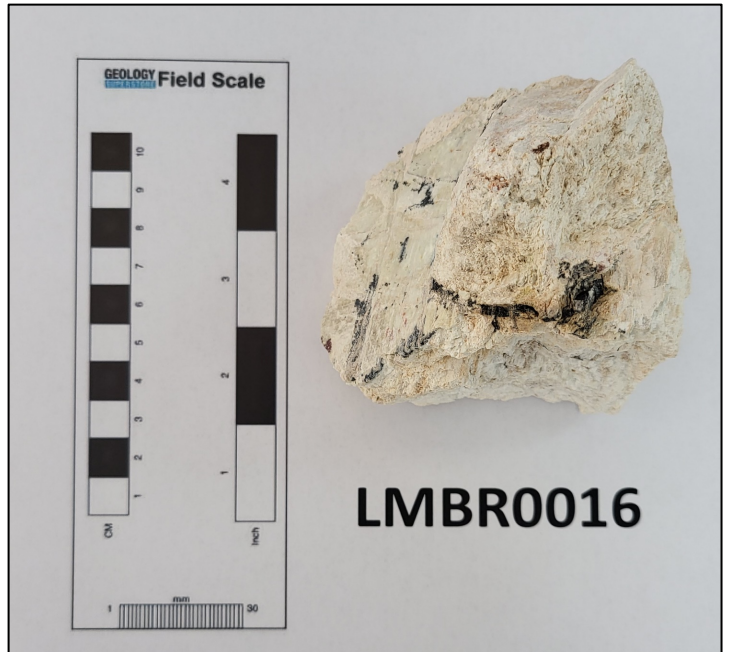
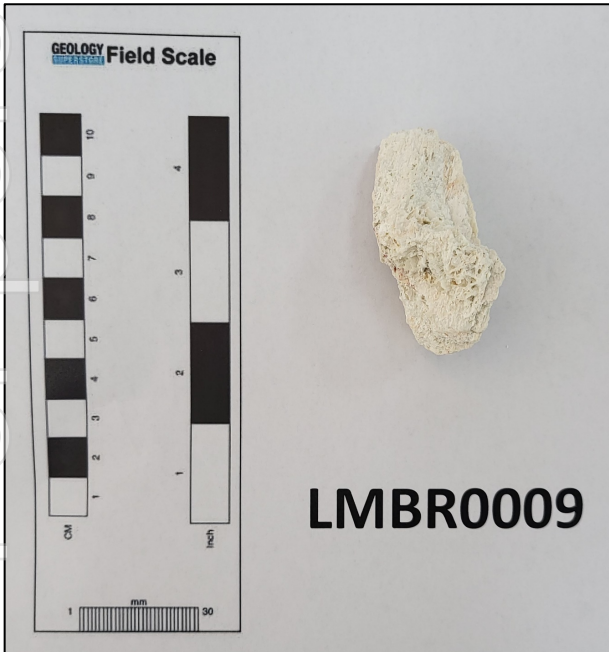




Figure 3: (A) Example of Spodumene spectral response of sample LMBR0009 taken from Esperança project, (B) Sample LMBR0009 also presents strong Kaolin spectral response which supports weathered interpretation, (C) Example of Spodumene response of sample LMBR0016, (D) Accessory Wodginite mineral in sample LMBR0016

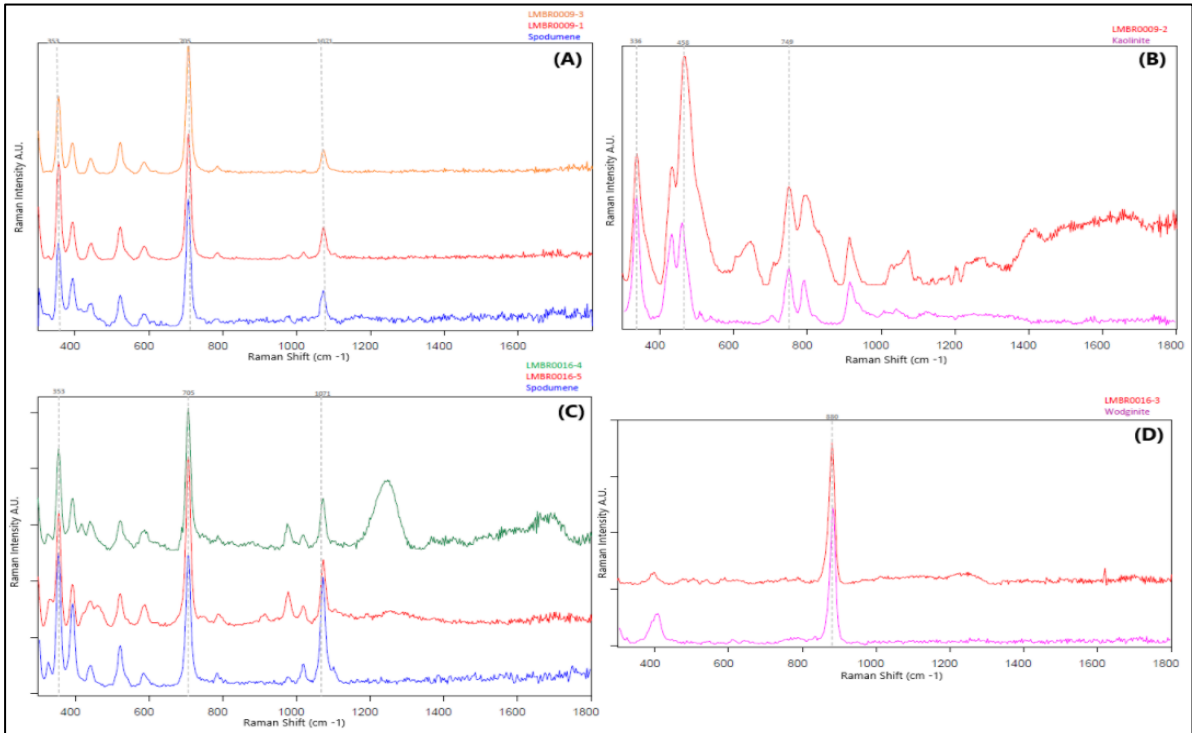
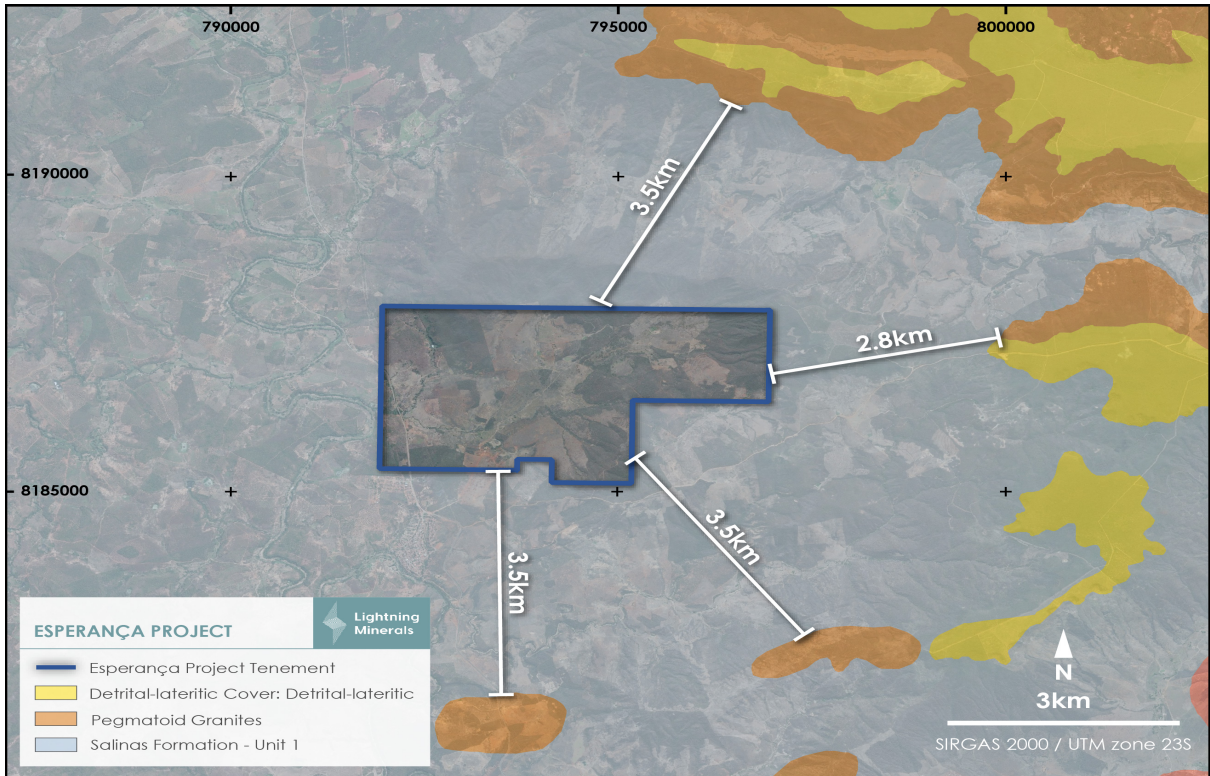


Figure 4: Esperança Project geology map showing fertile granites surrounding the project area



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Figure 5: Soil sampling (lithium) results at the Caraiabas project. Previously reported soil results within western most tenement 831424/2013 are shaded

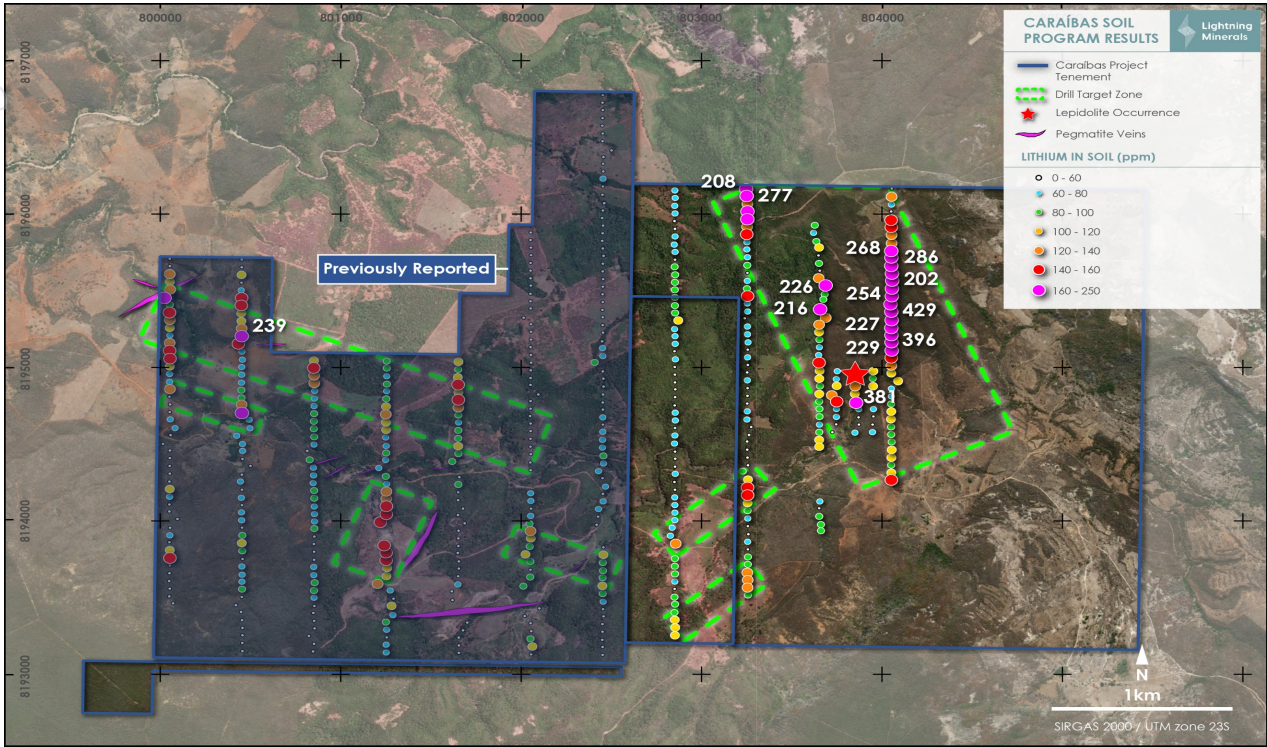
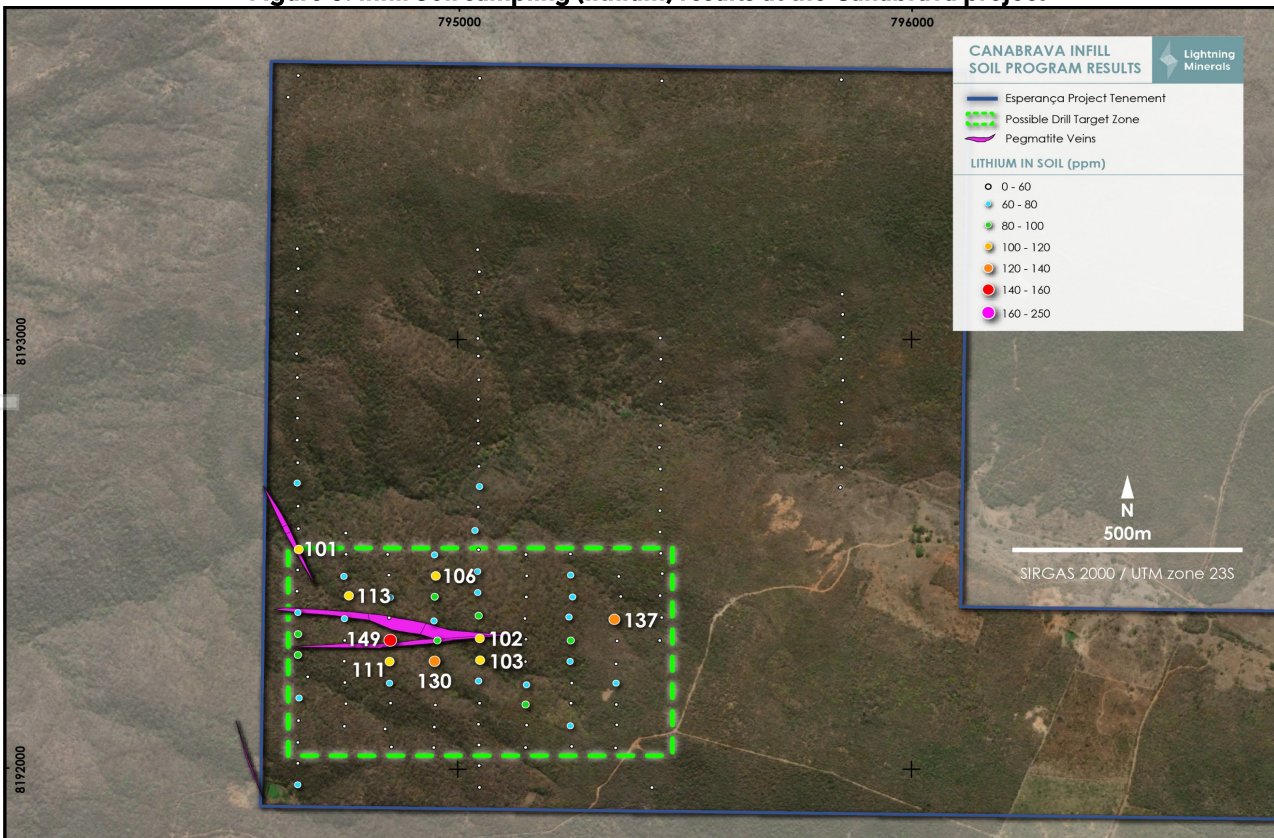


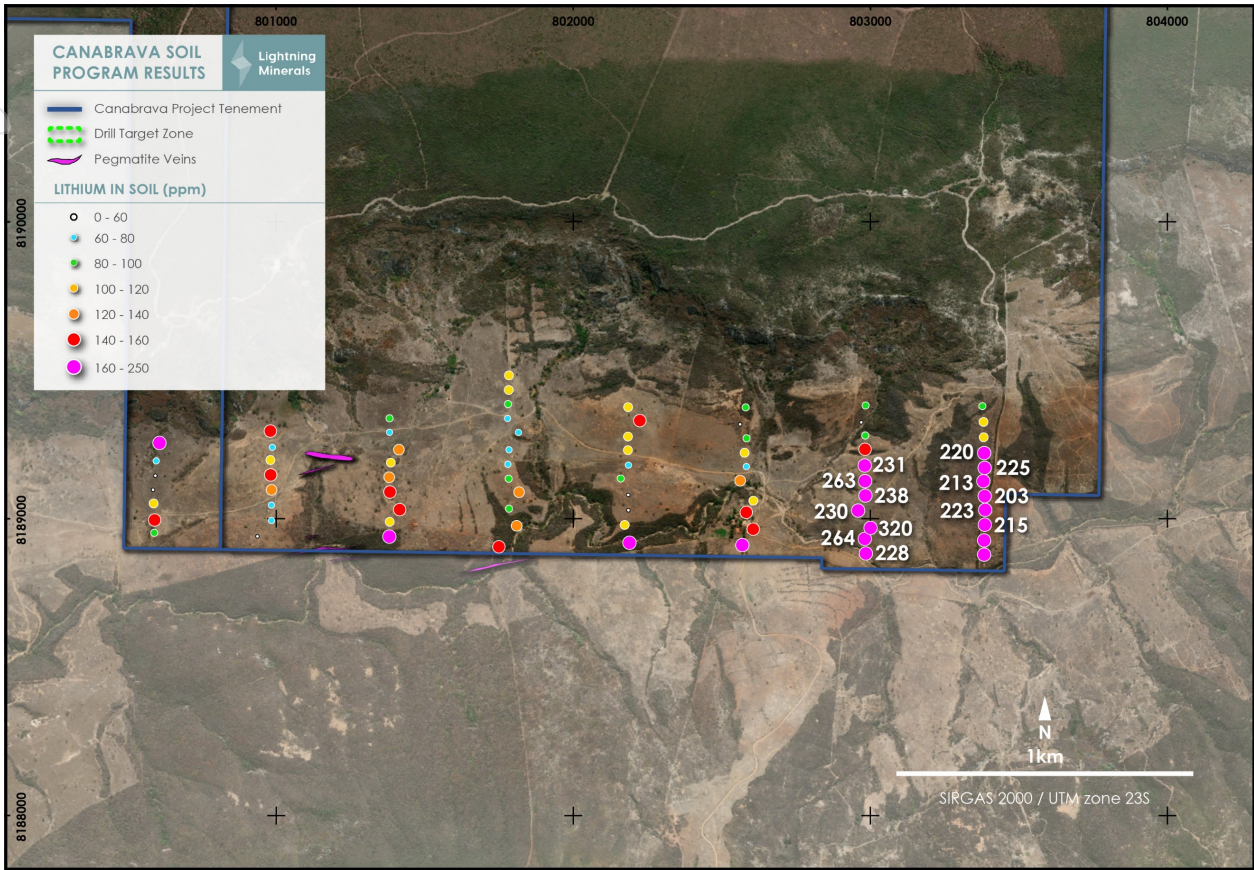
Figure 6: Infill Soil sampling (lithium) results at the Canabrava project



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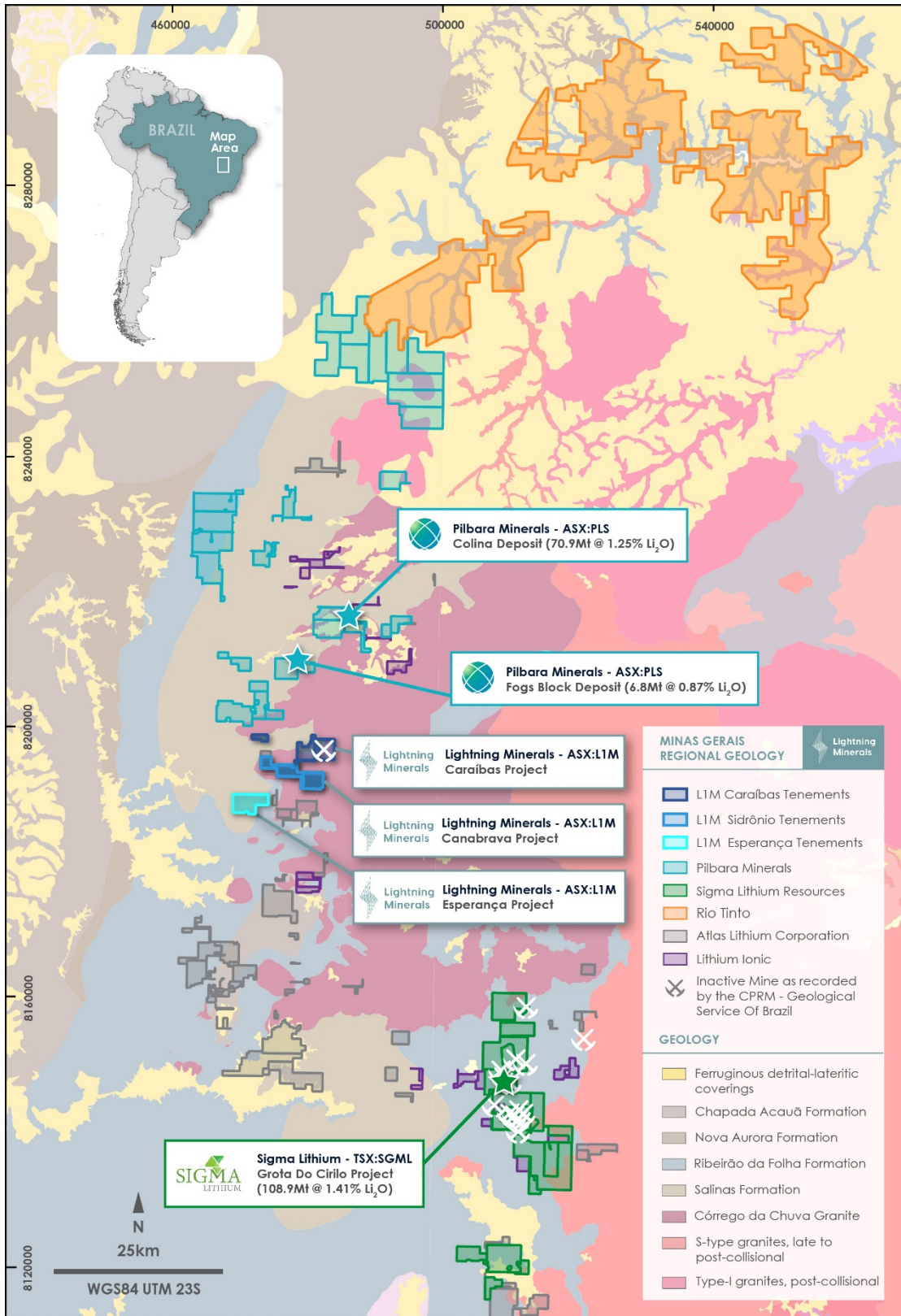
Figure 7: Soil sampling (lithium) results and updated geological mapping at the Canabrava project



PROJECT GENERATION

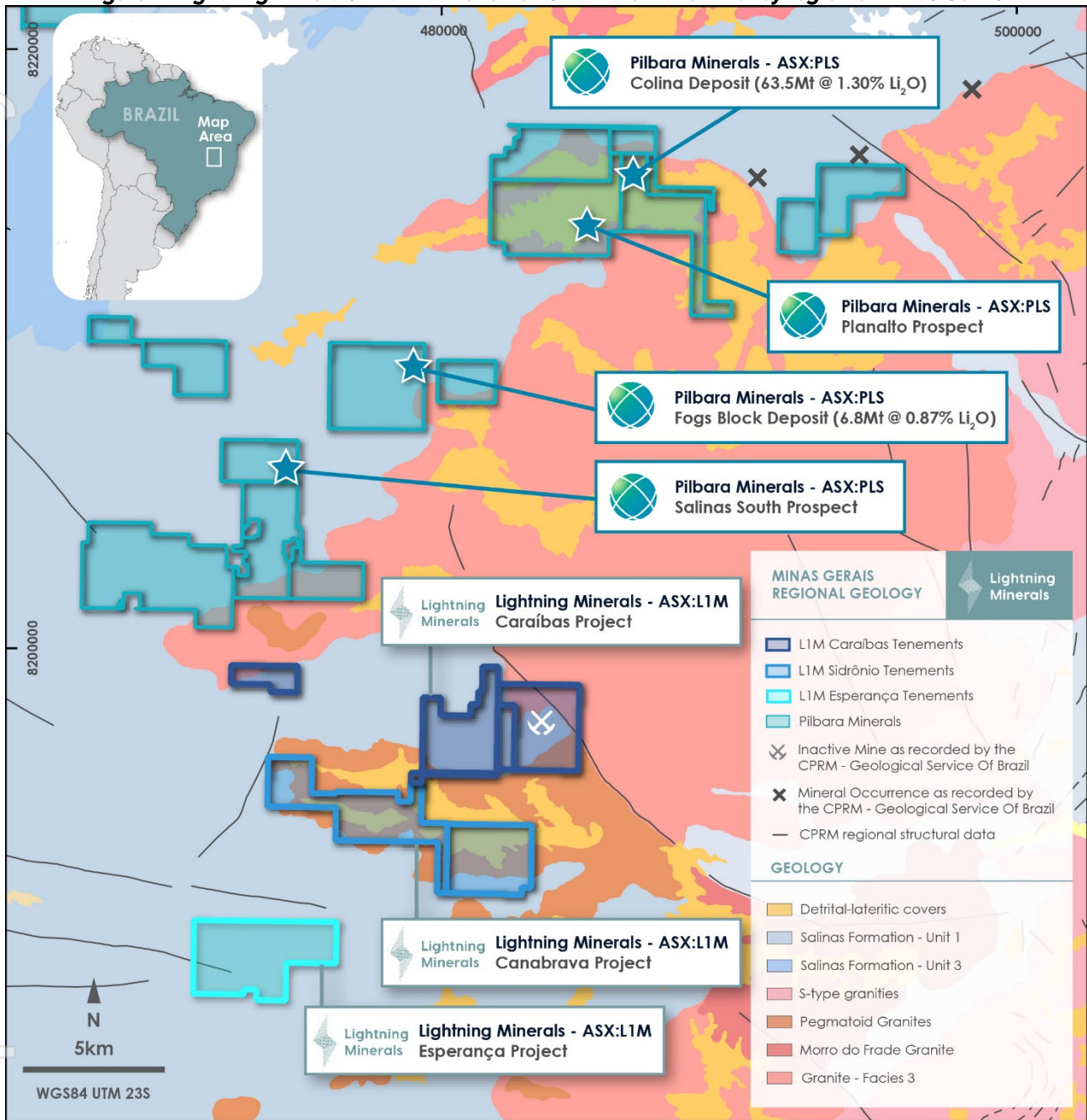
The Company has continued to review project opportunities during the Quarter and now holds highly prospective lithium targets in Minas Gerais, Brazil, Western Australia and Quebec, Canada.

Figure 8: Esperança, Caraíbas and Canabrava project location, Minas Gerais, Brazil



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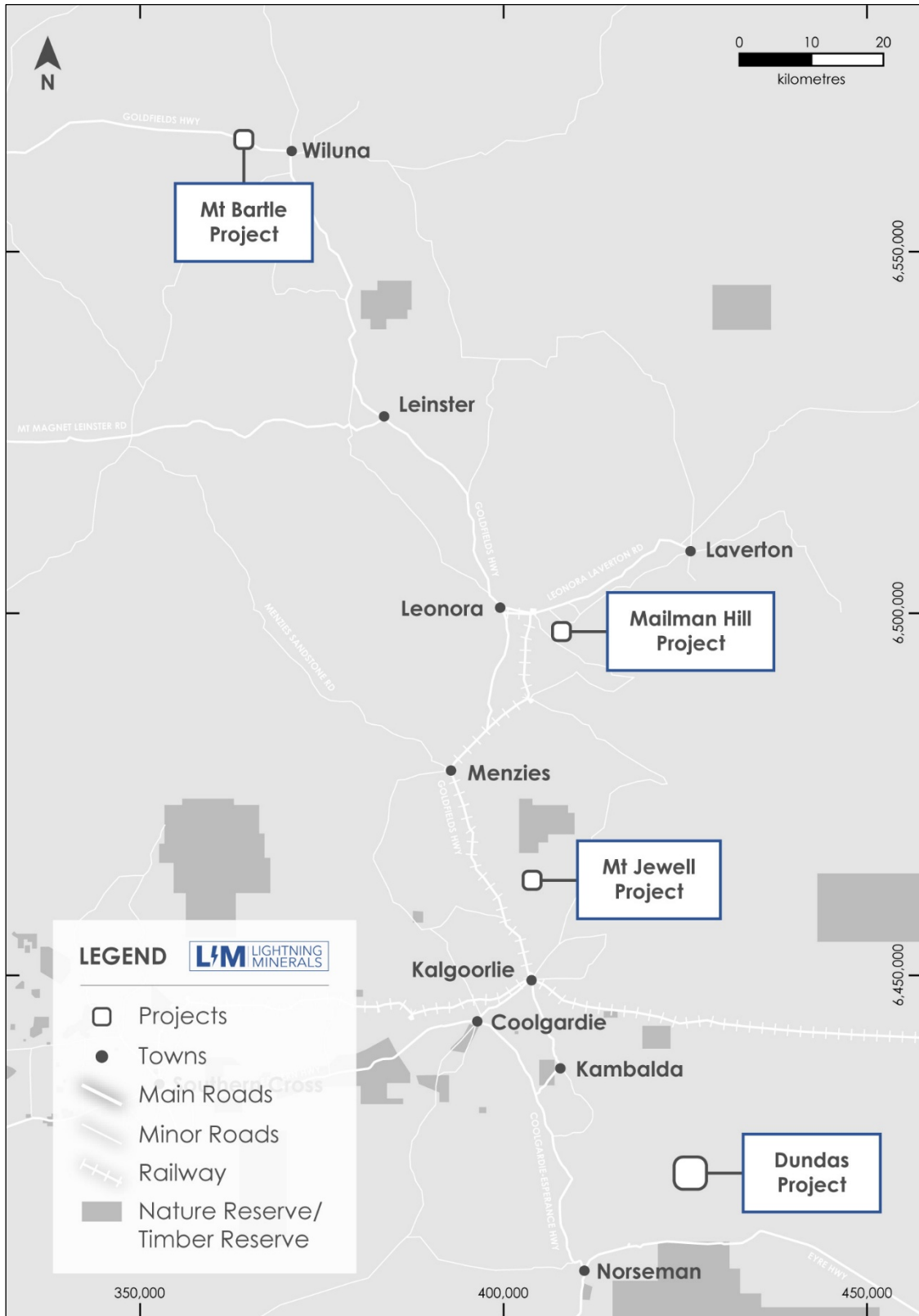
Figure 9: Lightning Minerals' Brazilian tenements in in the Lithium Valley region of Minas Gerais



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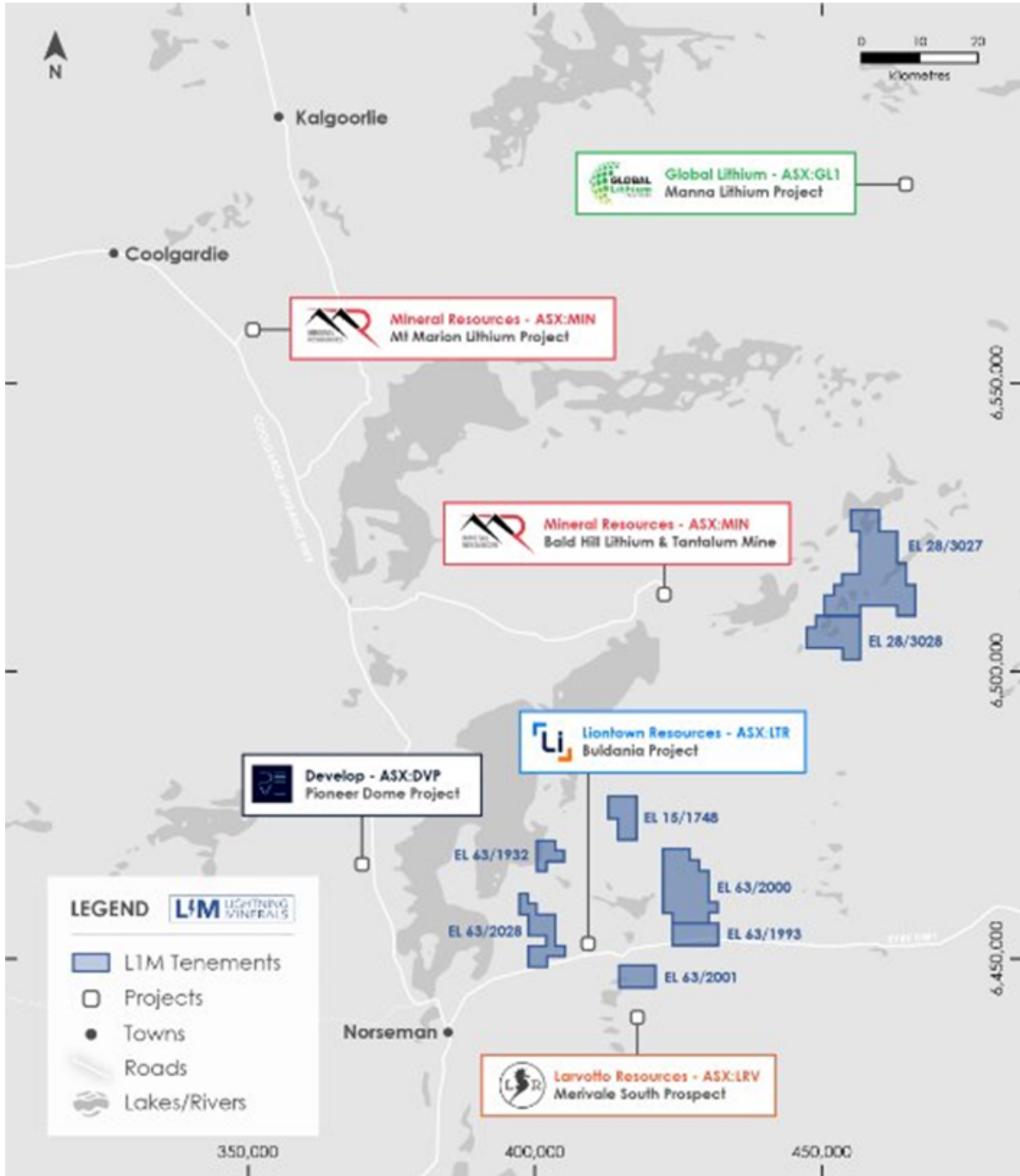


Figure 10: Lightning Minerals' Australian project tenement summary



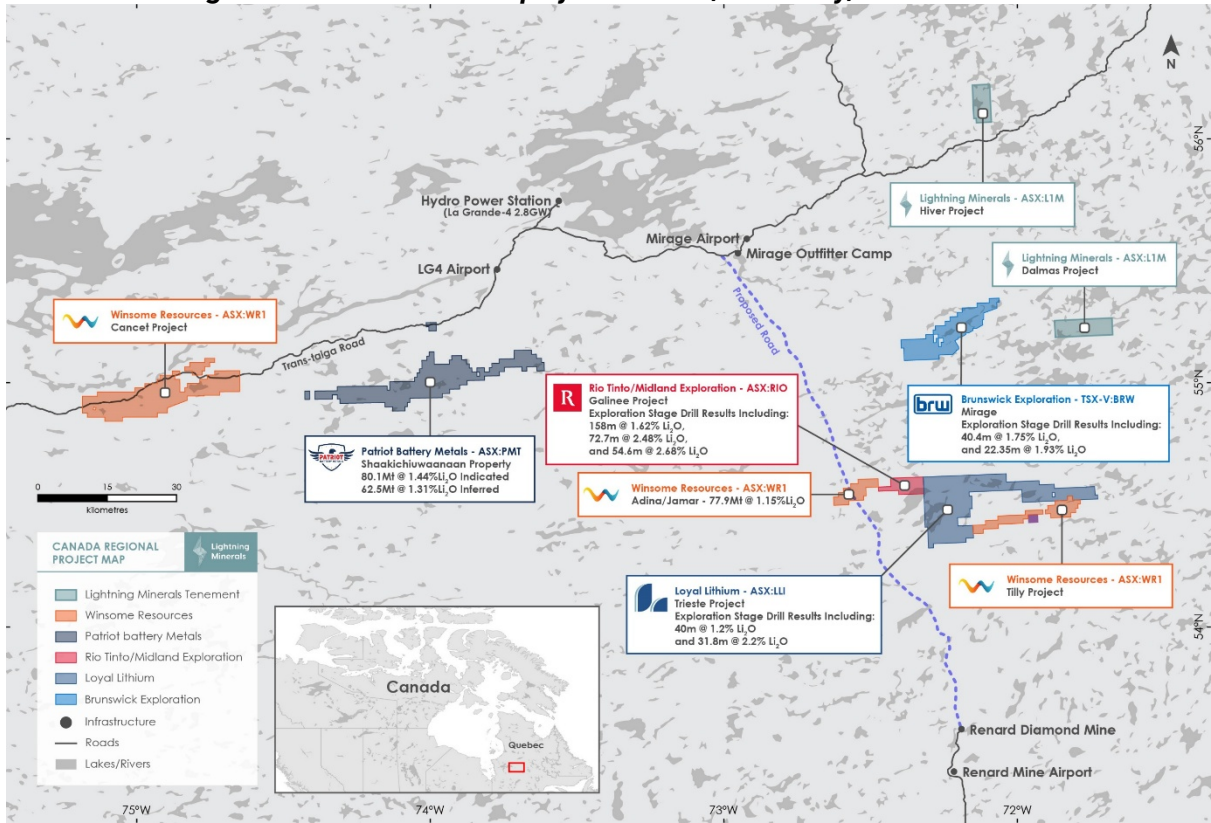
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Figure 11: Location of Dundas project tenements



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Figure 12: Dalmas and Hiver project locations, James Bay, Quebec



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FINANCE

EXPLORATION EXPENDITURE

The Company spent A\$493,000 on direct exploration activities during the period, focused principally on exploration works in Brazil. The Company has cash and cash equivalents of A\$1.05 Million at 31 March 2025.

CHANGE IN BOARD OF DIRECTORS AND DIRECTOR'S INTERESTS

There were no changes in Director's interests during the Quarter.

FINANCING

No financing or capital raises occurred during the Quarter.

OTHER DISCLOSURES

As disclosed under item 6.1 in the Appendix 5B and under ASX listing rule 5.3.5, the Company made payments for a total consideration of A\$98k relating to payments for Executive and Non-Executive Directors for Director's normal monthly fees and undertaking additional duties to support corporate and exploration activities.

CAPITAL STRUCTURE

The capital structure at 31 March 2025 was:

Ordinary Shares

103,328,319 Ordinary Shares

Options

40,389,258 L1MO : Listed Options (each exercisable at A\$0.25 each expiring 13/03/28)

6,000,000 Options (each exercisable at A\$0.105 each expiring 18/06/27)

5,450,000 Options (each exercisable at A\$0.25 each expiring 27/09/27)

5,000,000 Options (each exercisable at A\$0.25 each expiring 14/11/26)

80,000 Options (each exercisable at A\$0.30 each expiring 06/04/27)

110,000 Options (each exercisable at A\$0.40 each expiring 06/04/27)

140,000 Options (each exercisable at A\$0.50 each expiring 06/04/27)

Performance Shares

4,800,000 Class A Performance Rights Restricted (each vest upon 25 cent VWAP expiring 18/11/2027)

250,000 Class B Performance Rights (each vest upon 50 cent VWAP expiring 23/11/28)

500,000 Class C Performance Rights (each vest upon 75 cent VWAP expiring 23/11/28)

500,000 Class D Performance Rights (each vest upon \$1.00 VWAP expiring 23/11/28)

14,285,714 Class E Performance Rights (each vest upon Resource of at least 5Mt @ 1.00% Li₂O for Caraibas or Sidrônio (now named Canabrava) project expiring 18 June 2027)

14,285,714 Class F Performance Rights (each vest upon Resource of at least 10Mt @ 1.00% Li₂O for Caraibas or Sidrônio (now named Canabrava) project expiring 18 June 2028)

11,428,571 Class G Performance Rights each vest upon Resource of at least 30Mt @ 1.00% Li₂O for Caraibas or Sidrônio (now named Canabrava) project expiring 18 June 2029)

This announcement has been approved for release by the Board of Directors.

-ends



ABOUT LIGHTNING MINERALS

Lightning Minerals is a mineral exploration company, listed on the Australian Securities Exchange (ASX:L1M) and focused on the exploration of critical minerals and lithium at its tenements across Western Australia. The acquisition of the Caraibas, Canabrava and Esperança lithium projects in Minas Gerais, Brazil are potentially transformational to the Company's success in the lithium sector. The Company also owns the Dundas project in the prolific Dundas region of Western Australia, the Dalmas and Hiver lithium projects in Quebec, Canada, another significant and evolving lithium region globally. The Company also holds other projects in Western Australia which include Mt Bartle and Mailman Hill which are prospective for gold, base metals and critical minerals.

FORWARD LOOKING STATEMENTS

Information included in this release constitutes forward-looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward-looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licences and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the Company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company's business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company's control.

Although the Company attempts and has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward-looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

COMPETENT PERSONS STATEMENT

The information contained herein that relates to exploration results is based on information compiled or reviewed by Mr Jarrad Woodland, who is a Competent Person and a member of the Australasian Institute of Mining and Metallurgy. Mr Woodland is a full-time employee of the Company. Mr Woodland has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Woodland consents to the inclusion of his name in the matters based on the information in the form and context in which it appears. Mr Woodland holds options in Lightning Minerals.

REFERENCES TO PREVIOUS ANNOUNCEMENTS

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and that all material assumptions and technical parameters have not materially changed. The Company also confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.



APPENDIX 1 - SCHEDULE OF TENEMENTS AS AT 31 MARCH 2025

AUSTRALIAN TENEMENTS

Project	Tenement	Status	Area (km ²)	Grant Date	Expiry Date	Annual Rent (A\$)	Annual Expenditure (A\$)	Royalty	Ownership
Dundas South	E15/1748	Granted	29.13	6/11/2020	05/11/2025	2,750	20,000	1% NSR	100%
	E63/1932	Granted	17.01	30/09/2019	19/09/2024	1,650	20,000	1% NSR	100%
	E63/1993	Granted	29.07	15/05/2020	14/05/2025	2,750	20,000	1% NSR	100%
	E63/2000	Granted	93.10	23/10/2020	22/10/2025	8,800	32,000	1% NSR	100%
	E63/2001	Granted	23.24	23/10/2020	22/10/2025	2,200	20,000	1% NSR	100%
	E63/2028	Granted	46.50	14/05/2021	13/05/2026	2,448	20,000	1% NSR	100%
Dundas North	E28/3027	Granted	160.84	17/05/2021	06/05/2026	8,415	55,000	1% NSR	100%
	E28/3028	Granted	55.51	17/05/2020	16/05/2026	2,907	20,000	1% NSR	100%
Mt Jewell	E27/566	Granted	8.89	8/11/2016	07/11/2026	2,133	30,000	1.5% NSR	100%
Mailman Hill	E37/1408	Granted	101.83	12/05/2021	11/05/2026	5,202	34,000	1% NSR	100%
Mt Bartle	E53/2151	Pending	193.62	(01/10/2020)	-	-	-	1% NSR	100%
	E53/2159	Pending	78.33	(08/09/2020)	-	-	-	1% NSR	100%
	E53/2147	Pending	124.98	(18/12/2020)	-	-	-	1% NSR	100%

*Applications for Mt Bartle tenements pending

CANADIAN TENEMENTS - DALMAS PROJECT

Project	Tenement	Status	Area (Ha)	Registration Date	Expiry Date	Annual Rent (C\$)	Annual Expenditure (C\$)	Royalty	Ownership
Dalmas	2699192	Granted	51,19	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699193	Granted	51,19	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699194	Granted	51,19	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699195	Granted	51,19	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699196	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699197	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699198	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699199	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699200	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699201	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699202	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699203	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699204	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699205	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699206	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699207	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699208	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699209	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
2699210	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%	
2699211	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%	
2699212	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%	



Project	Tenement	Status	Area (Ha)	Registration Date	Expiry Date	Annual Rent (C\$)	Annual Expenditure (C\$)	Royalty	Ownership
	2699213	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699214	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699215	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699216	Granted	51,18	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699217	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699218	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699219	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699220	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699221	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699222	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699223	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699224	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699225	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699226	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699227	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699228	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699229	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699230	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699231	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699232	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699233	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699234	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699235	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699236	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699237	Granted	51,17	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699238	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699239	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699240	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699241	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699242	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699243	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699244	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699245	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699246	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699247	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699248	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699249	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699250	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699251	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699252	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699253	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699254	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699255	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699256	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699257	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699258	Granted	51,16	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699259	Granted	51,15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699260	Granted	51,15	12/12/2022	11/12/2025	\$170	\$135	2%	100%

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Project	Tenement	Status	Area (Ha)	Registration Date	Expiry Date	Annual Rent (C\$)	Annual Expenditure (C\$)	Royalty	Ownership
	2699261	Granted	51,15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699262	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699263	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699264	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699265	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699266	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699267	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699268	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699269	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699270	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699271	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699272	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699273	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699274	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699275	Granted	51.15	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2700192	Granted	51.15	13/12/2022	12/12/2025	\$170	\$135	2%	100%
	2700193	Granted	51.15	13/12/2022	12/12/2025	\$170	\$135	2%	100%
	2700194	Granted	51.15	13/12/2022	12/12/2025	\$170	\$135	2%	100%
	2700195	Granted	51.15	13/12/2022	12/12/2025	\$170	\$135	2%	100%
	2702316	Granted	51.15	19/12/2022	18/12/2025	\$170	\$135	2%	100%
	2702317	Granted	51.15	19/12/2022	18/12/2025	\$170	\$135	2%	100%
	2702318	Granted	51.15	19/12/2022	18/12/2025	\$170	\$135	2%	100%
	2702319	Granted	51.15	19/12/2022	18/12/2025	\$170	\$135	2%	100%

CANADIAN TENEMENTS - HIVER PROJECT

Project	Tenement	Status	Area (Ha)	Registration Date	Expiry Date	Annual Rent (CAD)	Annual Expenditure (CAD)	Royalty	Ownership
Hiver	2699127	Granted	50,67	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699128	Granted	50,67	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699129	Granted	50,67	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699130	Granted	50,67	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699131	Granted	50,67	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699132	Granted	50,67	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699133	Granted	50,66	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699134	Granted	50,66	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699135	Granted	50,66	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699136	Granted	50,66	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699137	Granted	50,66	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699138	Granted	50,66	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699139	Granted	50,66	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699140	Granted	50,65	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699141	Granted	50,65	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699142	Granted	50,65	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699143	Granted	50,65	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699144	Granted	50,65	12/12/2022	11/12/2025	\$170	\$135	2%	100%
2699145	Granted	50,65	12/12/2022	11/12/2025	\$170	\$135	2%	100%	
2699146	Granted	50,65	12/12/2022	11/12/2025	\$170	\$135	2%	100%	



Project	Tenement	Status	Area (Ha)	Registration Date	Expiry Date	Annual Rent (CAD)	Annual Expenditure (CAD)	Royalty	Ownership
	2699147	Granted	50,64	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699148	Granted	50,64	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699149	Granted	50,64	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699150	Granted	50,64	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699151	Granted	50,64	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699152	Granted	50,64	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699153	Granted	50,64	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699154	Granted	50,63	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699155	Granted	50,63	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699156	Granted	50,63	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699157	Granted	50,63	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699158	Granted	50,63	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699159	Granted	50,63	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699160	Granted	50,63	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699161	Granted	50,62	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699162	Granted	50,62	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699163	Granted	50,62	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699164	Granted	50,62	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699165	Granted	50,62	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699166	Granted	50,62	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699167	Granted	50,62	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699168	Granted	50,61	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699169	Granted	50,61	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699170	Granted	50,61	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699171	Granted	50,61	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699172	Granted	50,61	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699173	Granted	50,61	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699174	Granted	50,61	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699175	Granted	50,6	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699176	Granted	50,6	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699177	Granted	50,6	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699178	Granted	50,6	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699179	Granted	50,6	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699180	Granted	50,6	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699181	Granted	50,6	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699182	Granted	50,59	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699183	Granted	50,59	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699184	Granted	50,59	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699185	Granted	50,59	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699186	Granted	50,59	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2699187	Granted	50,59	12/12/2022	11/12/2025	\$170	\$135	2%	100%
	2714299	Granted	49,51	2/02/2023	1/02/2026	\$170	\$135	2%	100%

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BRAZILIAN TENEMENTS

Project	Tenement	Status	Area (km ²)	Grant Date	Notice of Beginning of Research Work	Annual Rent Per Ha (R\$)	Agreement	Royalty	Ownership
Caraibas	830.313/2014	Granted	28.34	13/08/2015	02/12/2015	6.13	Option (15/09/26)	Nil	Caraibas Granito Mineracao Exportacao e Importacao Ltda
	831.514/2018	Granted	176.41	21/02/2022	22/02/2022	6.13	Option (15/09/26)	Nil	Caraibas Granito Mineracao Exportacao e Importacao Ltda
	832.041/2011	Granted	716.85	18/07/2011	11/08/2011	6.13	Option (15/09/26)	Nil	Caraibas Granito Mineracao Exportacao e Importacao Ltda
	831.424/2013	Granted	677.17	29/08/2013	05/09/2013	6.13	Option (15/09/26)	Nil	Caraibas Granito Mineracao Exportacao e Importacao Ltda
	832.763/2014	Granted	134.56	20/04/2016	31/05/2016	6.13	Option (15/09/26)	Nil	Caraibas Granite Mineracao Exportacao e Importacao Ltda
Sidrônio (now named Canabrava)	830.439/2015	Granted	705.76	17/02/2017	05/04/2017	6.13	Option (Expiry 30/08/26)	1%	Sidronio Teixeira Filho
	830.440/2015	Granted	932.63	17/02/2017	05/04/2017	6.13	Option (Expiry 30/08/26)	1%	Sidronio Teixeira Filho
Esperança	832.428/2014	Granted	998.75	26/10/2016	14/11/2016	6.13	Option (Expiry 12/08/26)	2%	Brs Hill Stones Mineração E Transportes Ltda

APPENDIX 5B

Mining exploration entity or oil and gas exploration entity
quarterly cash flow report

Name of entity

LIGHTNING MINERALS LTD

ABN

40 656 005 122

Quarter ended ("current quarter")

31 March 2025

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (9 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers	-	-
1.2 Payments for		
(a) exploration & evaluation (if expensed)	(329)	(507)
(b) development	-	-
(c) production	-	-
(d) staff costs	(164)	(486)
(e) administration and corporate costs	(234)	(653)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	6	29
1.5 Interest and other costs of finance paid	-	-
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	-
1.8 Other (payments in relation to option agreements in Brazil)	(74)	(145)
1.9 Net cash from / (used in) operating activities	(795)	(1,762)

2. Cash flows from investing activities		
2.1 Payments to acquire:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	(7)	(11)
(d) exploration & evaluation (if capitalised)	(46)	(251)
(e) investments	-	-
(f) other non-current assets	-	-

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Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	(53)	(262)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	(26)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	-	(26)

4.	Net increase / (decrease) in cash and cash equivalents for the period	(848)	(2,050)
4.1	Cash and cash equivalents at beginning of period	1,912	3,121
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(795)	(1,762)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(53)	(262)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	(26)

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Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	(14)	(21)
4.6	Cash and cash equivalents at end of period	1,050	1,050

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	853	1,912
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (Brazil deposit)	197	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	1,050	1,912

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	98
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments

Payments in 6.1 relate to Director fees and salaries

7.	Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	-	-

7.5	Unused financing facilities available at quarter end	-
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7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.

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8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (Item 1.9)	(795)
8.2 Capitalised exploration & evaluation (Item 2.1(d))	(53)
8.3 Total relevant outgoings (Item 8.1 + Item 8.2)	(848)
8.4 Cash and cash equivalents at quarter end (Item 4.6)	1,050
8.5 Unused finance facilities available at quarter end (Item 7.5)	-
8.6 Total available funding (Item 8.4 + Item 8.5)	1,050
8.7 Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	1.2

8.8 If Item 8.7 is less than 2 quarters, please provide answers to the following questions:

1. Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answer: The next quarter of expenditure is expected to reduce as phase 1 drilling at the Esperança project is finalised which is budgeted for

2. Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer: Management and directors are in discussion with its advisors regarding funding requirements

3. Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: Yes, the company expects to be able to raise the funds to meet its future cash flows projections based on discussions with its advisors.

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 29 April 2025

Authorised by: The Board of Directors

(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.