SAYONA

# Drilling confirms thick, high-grade lithium intercepts and further down-dip expansion of the Moblan pegmatite system



- Latest results for 99 new drillholes totalling 28,513.95m for Sayona's Moblan Lithium Project, Québec, Canada with highlights including:
    - South Area Pegmatites (outside MRE 2024 pit shell):
        - **43.60m @ 1.75% $Li_2O$** from 107.00m in drillhole SYN-24-0865
        - **46.30m @ 1.72% $Li_2O$** from 126.25m in drillhole SYN-24-0870
    - Main Area Pegmatites (outside MRE 2024 pit shell):
        - **50.35m @ 1.80% $Li_2O$** from 239.00m in drillhole SYN-24-0780
        - **82.80m @ 1.35% $Li_2O$** from 277.30m in drillhole SYN-24-0810
    - Inter Area Pegmatites (outside MRE 2024 pit shell):
        - **48.75m @ 1.90% $Li_2O$** from 219.50m in drillhole SYN-24-0730
    - Moleon Area Pegmatites (outside MRE 2024 pit shell):
        - **50.35m @ 1.54% $Li_2O$** from 190.85m in drillhole SYN-24-0720
    - In-pit conversion drilling (within MRE 2024 pit shell):
        - **63.30m @ 1.49% $Li_2O$** from 51.15m in drillhole SYN-24-0858
        - **53.45m @ 1.96% $Li_2O$** from 240.00m in drillhole SYN-24-0776
        - **48.80m @ 1.59% $Li_2O$** from 102.40m in drillhole SYN-24-0882
        - **60.65m @ 1.87% $Li_2O$** from 273.75m in drillhole SYN-24-0882
- New thick and high-grade drill intercepts have been encountered outside the 2024 Mineral Resource Estimate (MRE) pit shell, highlighting the potential to expand mineral resources at depth.
- Lithium mineralisation within the current MRE pit shell continues to demonstrate strong continuity in grade and thickness, supporting the potential conversion of Inferred resources to the Indicated and Measured categories.
- Assay results are pending for 116 additional drill holes, representing 38,953.40 metres of the 2024 drilling program.
- These latest results, along with pending assays, will be incorporated into a future mineral resource update planned for 2025.

**North American lithium producer Sayona Mining Limited ("Sayona" or "Company") (ASX:SYA; OTCQB:SYAXF)** announced today additional results from its 2024 drill program at the Moblan Lithium Project (Sayona 60%; Investissement Quebec 40%), demonstrating the high-grade nature of this highly strategic asset.

Sayona is pleased to report results from 99 diamond drill holes, totalling 28,513.95 metres, completed as part of the 2024 drilling program, which concluded in December 2024. The program has delivered encouraging results, enhancing the potential to expand the project's mineral resource base. Designed primarily to collect in-fill data, the campaign aimed to support the potential upgrade of mineral resource categories defined in the 2024 Mineral Resource Estimate (MRE). Recent drilling has intersected multiple zones of high-grade lithium mineralisation outside the current MRE pit shells, particularly in the Inter Area, as well as the Main, South, and Moleon zones highlighting opportunities for resource growth. Within the MRE pit shell, results continue to support the conversion of Inferred resources to the Indicated and Measured categories. Assay results for an additional 116 drill holes, representing 38,953.40 metres, are pending. These remaining results target both lateral and vertical extensions of the Moblan lithium deposit and are expected over the coming months.

The newly received drillhole results reinforce the project's status as the centrepiece of Sayona's Eeyou-Istchee James Bay hub in northern Quebec and highlights its potential to expand the existing mineral resource base at Moblan.

This ASX announcement presents exploration drilling results from both outside and within the current resource pit shell, covering four key areas: Main, South, Inter, and Moleon.

Drilling has confirmed the continuity of spodumene-bearing pegmatite dykes across these zones, notably the sub-horizontal dykes extending from the Main and South areas into the Inter zone. Results within the resource pit shell also include intercepts from all four areas, supporting the potential for resource expansion and classification upgrades. All new results with a metal factor greater than 25 are detailed in Table 1 by areas.

Sayona's CEO, Lucas Dow commented: "*Moblan continues to emerge as a world-class lithium deposit with significant scale and growth potential. These results further confirm the consistency of high-grade mineralisation across key zones, highlighting strong potential for resource expansion and upgrades. With a substantial number of assays still pending, we're confident that Moblan will play a central role in meeting the growing global demand for lithium and delivering long-term value to our shareholders.*"

Table 1 – Drillhole Best Intercepts - All New Results above a Metal Factor greater than 25

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description |
|---|---|---|---|---|---|
| South Area (outside MRE 2024 pit shell) | | | | | |
| SYN-24-0820 | 180.80 | 199.70 | 18.90 | 2.94 | **18.90m @ 2.94% $Li_2O$ from 180.80m** |
| SYN-24-0863 | 144.50 | 182.00 | 37.50 | 1.64 | **37.50m @ 1.64% $Li_2O$ from 107.00m** |
| SYN-24-0865 | 107.00 | 150.60 | 43.60 | 1.75 | **43.60m @ 1.75% $Li_2O$ from 107.00m** |
| SYN-24-0867 | 113.55 | 139.90 | 26.35 | 1.66 | 26.35m @ 1.66% $Li_2O$ from 113.55m |
| SYN-24-0868 | 107.45 | 129.00 | 21.55 | 1.69 | 21.55m @ 1.69% $Li_2O$ from 107.00m |
| SYN-24-0870 | 126.25 | 172.55 | 46.30 | 1.72 | **46.30m @ 1.72% $Li_2O$ from 126.25m** |
| Main Area (outside MRE 2024 pit shell) | | | | | |
| SYN-24-0734 | 341.30 | 371.25 | 29.95 | 1.34 | 29.95m @ 1.34% $Li_2O$ from 341.30m |
| SYN-24-0746 | 131.00 | 147.00 | 16.00 | 1.62 | 16.00m @ 1.62% $Li_2O$ from 131.00m |
| SYN-24-0779 | 252.70 | 274.90 | 22.20 | 1.39 | 22.20m @ 1.39% $Li_2O$ from 252.70m |
| SYN-24-0780 | 239.00 | 289.35 | 50.35 | 1.80 | **50.35m @ 1.80% $Li_2O$ from 239.00m** |
| SYN-24-0795 | 280.50 | 300.00 | 19.50 | 1.68 | 19.50m @ 1.68% $Li_2O$ from 280.50m |
| SYN-24-0796 | 288.50 | 320.00 | 31.50 | 1.75 | **31.50m @ 1.75% $Li_2O$ from 288.50m** |
| SYN-24-0810 | 277.30 | 360.10 | 82.80 | 1.35 | **82.80m @ 1.35% $Li_2O$ from 277.30m** |
| SYN-24-0811 | 250.70 | 272.65 | 21.95 | 1.36 | 21.95m @ 1.36% $Li_2O$ from 250.70m |
| Inter Area (outside MRE 2024 pit shell) | | | | | |
| SYN-24-0705 | 130.40 | 154.00 | 23.60 | 1.37 | 23.60m @ 1.37% $Li_2O$ from 130.40m |
| | 163.50 | 189.75 | 26.25 | 1.91 | **26.25m @ 1.91% $Li_2O$ from 163.50m** |
| SYN-24-0707 | 231.00 | 251.55 | 20.55 | 1.69 | 20.55m @ 1.69% $Li_2O$ from 231.00m |
| SYN-24-0708 | 159.80 | 184.85 | 25.05 | 1.53 | 25.05m @ 1.53% $Li_2O$ from 159.80m |
| SYN-24-0709 | 212.70 | 252.75 | 40.05 | 1.73 | **40.05m @ 1.73% $Li_2O$ from 212.70m** |
| SYN-24-0729 | 156.80 | 205.10 | 48.30 | 0.87 | 48.30m @ 0.87% $Li_2O$ from 156.80m |
| SYN-24-0730 | 219.50 | 268.25 | 48.75 | 1.90 | **48.75m @ 1.90% $Li_2O$ from 219.50m** |
| SYN-24-0740 | 200.55 | 222.60 | 22.05 | 1.41 | 22.05m @ 1.41% $Li_2O$ from 200.55m |
| SYN-24-0758 | 190.25 | 213.45 | 23.20 | 1.20 | 23.20m @ 1.20% $Li_2O$ from 190.25m |
| SYN-24-0768 | 296.30 | 320.65 | 24.35 | 2.20 | **24.35m @ 2.20% $Li_2O$ from 296.30m** |
| SYN-24-0777 | 237.15 | 277.95 | 40.80 | 1.61 | **40.80m @ 1.61% $Li_2O$ from 237.15m** |

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description |
|---|---|---|---|---|---|
| SYN-24-0783 | 214.50 | 238.90 | 24.40 | 1.96 | 24.40m @ 1.96% $Li_2O$ from 214.50m |
| SYN-24-0787 | 289.20 | 335.00 | 45.80 | 1.48 | **45.80m @ 1.48% $Li_2O$ from 289.20m** |
| SYN-24-0798 | 144.75 | 187.20 | 42.45 | 1.67 | **42.45m @ 1.67% $Li_2O$ from 144.75m** |
| | 226.10 | 242.30 | 16.20 | 2.02 | 16.20m @ 2.02% $Li_2O$ from 226.10m |
| SYN-24-0808 | 241.75 | 276.00 | 34.25 | 1.65 | **34.25m @ 1.65% $Li_2O$ from 241.75m** |
| SYN-24-0813 | 221.60 | 255.00 | 33.40 | 1.30 | 33.40m @ 1.30% $Li_2O$ from 221.60m |
| SYN-24-0828 | 225.10 | 259.70 | 34.60 | 1.56 | **34.60m @ 1.56% $Li_2O$ from 225.10m** |
| SYN-24-0838 | 164.90 | 182.50 | 17.60 | 1.89 | 17.60m @ 1.89% $Li_2O$ from 164.90m |
| SYN-24-0839 | 161.15 | 185.85 | 24.70 | 1.93 | 24.70m @ 1.93% $Li_2O$ from 161.15m |
| SYN-24-0840 | 228.55 | 261.25 | 32.70 | 1.57 | **32.70m @ 1.57% $Li_2O$ from 228.55m** |
| SYN-24-0841 | 111.90 | 129.10 | 17.20 | 1.62 | 17.20m @ 1.62% $Li_2O$ from 111.90m |
| | 160.80 | 181.20 | 20.40 | 1.66 | 20.40m @ 1.66% $Li_2O$ from 160.80m |
| SYN-24-0928 | 172.90 | 211.60 | 38.70 | 1.53 | **38.70m @ 1.53% $Li_2O$ from 172.90m** |
| Moleon Area (outside MRE 2024 pit shell) | | | | | |
| SYN-24-0712 | 240.35 | 266.60 | 26.25 | 2.25 | **26.25m @ 2.25% $Li_2O$ from 240.35m** |
| SYN-24-0720 | 190.85 | 241.20 | 50.35 | 1.54 | **50.35m @ 1.54% $Li_2O$ from 190.85m** |
| SYN-24-0721 | 227.50 | 258.10 | 30.60 | 1.79 | **30.60m @ 1.79% $Li_2O$ from 227.50m** |
| SYN-24-0722 | 173.30 | 195.35 | 22.05 | 1.95 | 22.05m @ 1.95% $Li_2O$ from 173.30m |
| SYN-24-0763 | 215.60 | 234.90 | 19.30 | 1.61 | 19.30m @ 1.61% $Li_2O$ from 215.60m |
| Potential Resources Upgrade (within MRE 2024 pit shell) | | | | | |
| SYN-24-0818 | 111.65 | 149.30 | 37.65 | 1.69 | **37.65m @ 1.69% $Li_2O$ from 111.65m** |
| SYN-24-0820 | 159.25 | 174.30 | 15.05 | 1.80 | 15.05m @ 1.80% $Li_2O$ from 159.25m |
| SYN-24-0821 | 127.50 | 149.30 | 21.80 | 1.62 | 21.80m @ 1.62% $Li_2O$ from 127.50m |
| SYN-24-0822 | 108.90 | 135.65 | 26.75 | 1.75 | 26.75m @ 1.75% $Li_2O$ from 108.90m |
| SYN-24-0823 | 112.90 | 140.90 | 28.00 | 1.29 | 28.00m @ 1.29% $Li_2O$ from 112.90m |
| SYN-24-0858 | 52.15 | 115.45 | 63.30 | 1.49 | **63.30m @ 1.49% $Li_2O$ from 52.15m** |
| SYN-24-0865 | 36.00 | 48.55 | 12.55 | 2.02 | 12.55m @ 2.02% $Li_2O$ from 36.00m |
| SYN-24-0869 | 119.20 | 138.85 | 19.65 | 1.67 | 19.65m @ 1.67% $Li_2O$ from 119.20m |
| SYN-24-0872 | 134.85 | 156.90 | 22.05 | 1.58 | 22.05m @ 1.58% $Li_2O$ from 134.85m |
| SYN-24-0696 | 132.00 | 150.10 | 18.10 | 1.41 | 18.10m @ 1.41% $Li_2O$ from 132.00m |
| SYN-24-0698 | 136.55 | 157.45 | 20.90 | 2.01 | 20.90m @ 2.01% $Li_2O$ from 136.55m |
| SYN-24-0701 | 81.40 | 97.15 | 15.75 | 1.78 | 15.75m @ 1.78% $Li_2O$ from 81.40m |
| SYN-24-0704 | 92.80 | 118.80 | 26.00 | 1.64 | 26.00m @ 1.64% $Li_2O$ from 92.80m |
| SYN-24-0741 | 90.70 | 110.00 | 19.30 | 1.60 | 19.30m @ 1.60% $Li_2O$ from 90.70m |
| SYN-24-0745 | 118.00 | 137.70 | 19.70 | 1.81 | 19.70m @ 1.81% $Li_2O$ from 118.00m |
| SYN-24-0776 | 97.40 | 120.10 | 22.70 | 1.72 | 22.70m @ 1.72% $Li_2O$ from 97.40m |
| | 124.45 | 145.00 | 20.55 | 1.35 | 20.55m @ 1.35% $Li_2O$ from 124.45m |
| | 240.00 | 293.45 | 53.45 | 1.96 | **53.45m @ 1.96% $Li_2O$ from 240.00m** |
| SYN-24-0779 | 109.55 | 132.70 | 23.15 | 1.77 | 23.15m @ 1.77% $Li_2O$ from 109.55m |
| SYN-24-0801 | 140.00 | 155.80 | 15.80 | 1.80 | 15.80m @ 1.80% $Li_2O$ from 140.00m |

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description |
|---|---|---|---|---|---|
| SYN-24-0882 | 102.40 | 151.20 | 48.80 | 1.59 | **48.80m @ 1.59% $Li_2O$ from 102.40m** |
| | 273.75 | 334.40 | 60.65 | 1.87 | **60.65m @ 1.87% $Li_2O$ from 273.75m** |
| SYN-24-0760A | 149.50 | 190.60 | 41.10 | 1.22 | **41.10m @ 1.22% $Li_2O$ from 149.50m** |
| SYN-24-0768 | 100.35 | 124.65 | 24.30 | 1.31 | 24.30m @ 1.31% $Li_2O$ from 100.35m |
| SYN-24-0769 | 2.25 | 17.75 | 15.50 | 1.62 | 15.50m @ 1.62% $Li_2O$ from 2.25m |
| SYN-24-0782 | 179.50 | 211.80 | 32.30 | 1.37 | 32.30m @ 1.37% $Li_2O$ from 179.50m |
| SYN-24-0783 | 160.35 | 173.40 | 13.05 | 2.45 | 13.05m @ 2.45% $Li_2O$ from 160.30m |
| SYN-24-0784 | 115.75 | 135.15 | 19.40 | 1.74 | 19.40m @ 1.74% $Li_2O$ from 115.75m |
| SYN-24-0785 | 98.60 | 118.10 | 19.50 | 1.45 | 19.50m @ 1.45% $Li_2O$ from 98.60m |
| SYN-24-0787 | 90.70 | 116.15 | 25.45 | 1.66 | 25.45m @ 1.66% $Li_2O$ from 90.70m |
| | 150.40 | 169.75 | 19.35 | 1.80 | 19.35m @ 1.80% $Li_2O$ from 150.40m |
| | 258.95 | 279.75 | 20.80 | 1.85 | 20.80m @ 1.85% $Li_2O$ from 258.95m |
| SYN-24-0809 | 207.40 | 226.20 | 18.80 | 1.33 | 18.80m @ 1.33% $Li_2O$ from 207.40m |
| | 229.20 | 256.85 | 27.65 | 0.99 | 27.65m @ 0.99% $Li_2O$ from 229.20m |
| SYN-24-0813 | 103.20 | 119.30 | 16.10 | 1.76 | 16.10m @ 1.76% $Li_2O$ from 103.20m |
| SYN-24-0721 | 154.10 | 185.60 | 31.50 | 1.69 | **31.50m @ 1.69% $Li_2O$ from 154.10m** |
| SYN-24-0723 | 116.10 | 132.90 | 16.80 | 1.76 | 16.80m @ 1.76% $Li_2O$ from 116.10m |
| | 142.05 | 176.75 | 34.70 | 1.76 | **34.70m @ 1.76% $Li_2O$ from 142.05m** |
| SYN-24-0725 | 69.35 | 93.30 | 23.95 | 1.89 | 23.95m @ 1.89% $Li_2O$ from 69.35m |
| | 137.65 | 159.90 | 22.25 | 1.94 | 22.25m @ 1.94% $Li_2O$ from 137.65m |
| SYN-24-0726 | 9.95 | 33.70 | 23.75 | 1.94 | 23.75m @ 1.94% $Li_2O$ from 9.95m |
| SYN-24-0763 | 82.40 | 109.95 | 27.55 | 1.77 | 27.55m @ 1.77% $Li_2O$ from 82.40m |
| SYN-24-0844 | 169.30 | 204.65 | 35.35 | 1.82 | **35.35m @ 1.82% $Li_2O$ from 169.30m** |

*Notes (1): Table 1 presents all new results above a Metal Factor greater than 25. Bold text indicates Metal Factor greater than 50.*

*Notes (2): Methodology for calculating all drilling intercepts presented in the tables and figures in this press release. Drillhole intercepts query and calculations are made automatically using the economic composite tool in Leapfrog software (v.2023.2.1). The selection algorithm was applied to all the drilling results and may not represent true thickness. Calculations are made according to the following steps. Step no.1: Assigned lithology code (ex: pegmatites, gabbro, granodiorite) to each individual sample based on majority code (i.e. rule of 51%). Step no.2: Assignment of a 0% $Li_2O$ content to all lithologies other than spodumene pegmatites (e.g. "waste lithologies" such as gabbro and volcanic rocks). Step no. 3: Calculation of intercepts based on a minimum grade of 0.25% $Li_2O$ over a minimum core length of 2m (and no maximum length), with a tolerance allowing the inclusion of 2m waste gap up to a maximum of 20m cumulative length of waste inside an intercept. Step no.4: Selection of the drilling results highlights based on grades, lengths, and Metal Factor ($Li_2O$ grade (%) x core length (m)).*

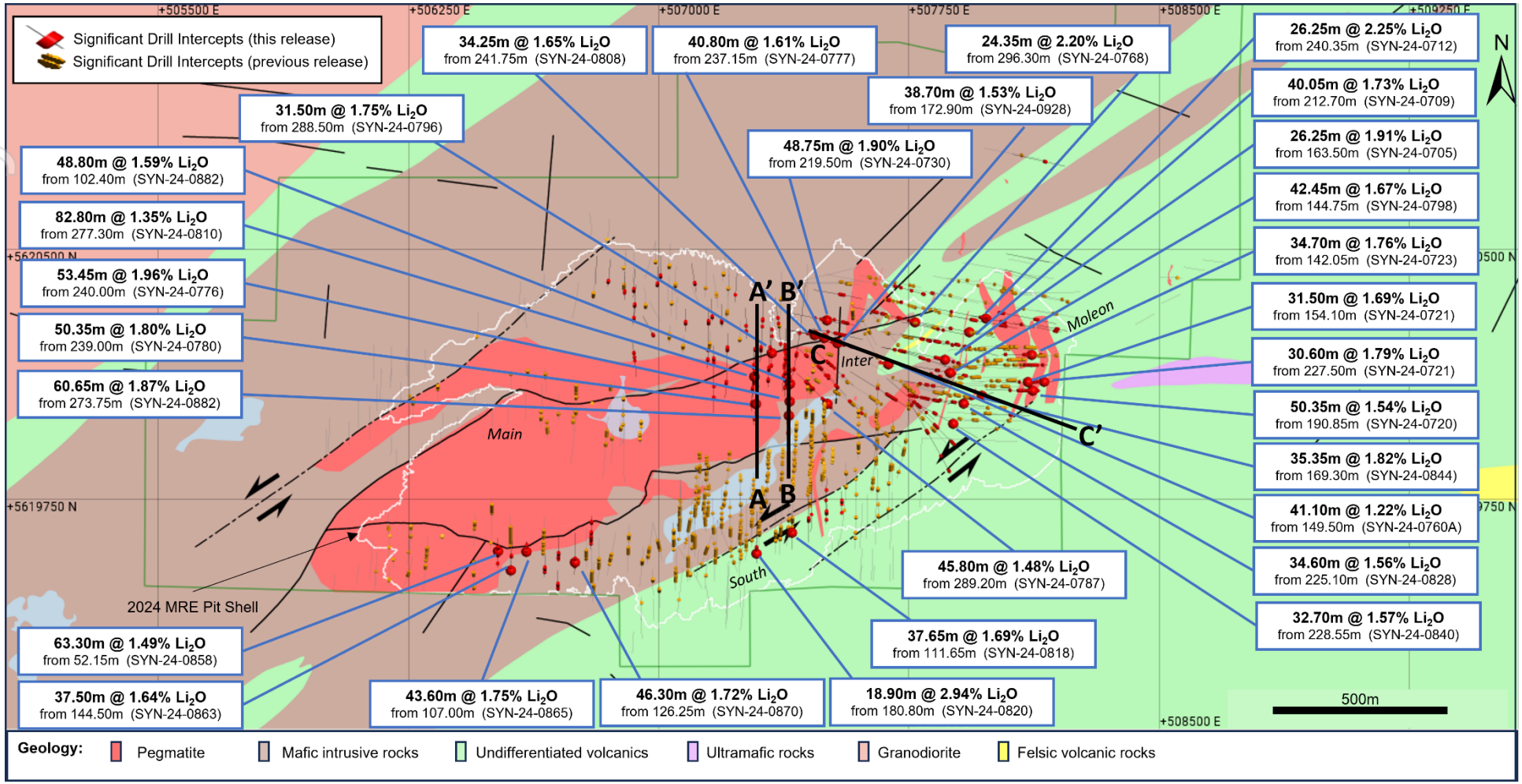


Figure 1- Plan View with Selected New Highlights of 2024 Drilling Program (not included in current MRE)

Notes: Text boxes for all new results with Metal Factor (grade * thickness) greater than 50 (this release).

## South Area

The latest drilling results from the South area are located outside the current resource pit shell and may have the potential to expand the mineral resource. Key intercepts from the South area are presented in Table 2. The pegmatite complex in this zone consists of east-west trending spodumene-bearing dykes that are either sub-horizontal or gently dip northward at angles of 10–15°. Recent drill holes intersected several pegmatite dykes, with some of the most significant results coming from thicker sections (>25 m), including **1.64% $Li_2O$ over 37.50 m** in hole SYN-24-0863, **1.75% $Li_2O$ over 43.60 m** in hole SYN-24-0865, **1.66% $Li_2O$ over 26.35 m** in hole SYN-24-0867, and **1.72% $Li_2O$ over 46.30 m** in hole SYN-24-0870 (Figure 1).

Drilling data from both earlier and recent campaigns confirm the presence of extensive, flat-lying pegmatite dykes, along with several narrower dykes trending in parallel, which may extend toward the east, west, and south. The additional diamond drilling conducted in the South and New South areas could contribute to a future upgrade of the mineral resource estimate.

Table 2 – South Area (intervals above 0.6% $Li_2O$ over 2m - outside MRE 2024 pit shell)

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| SYN-24-0820 | 180.80 | 199.70 | 18.90 | 2.94 | **18.90m @ 2.94% $Li_2O$ from 180.80m** | |
| SYN-24-0822 | 182.50 | 188.65 | 6.15 | 1.61 | 6.15m @ 1.61% $Li_2O$ from 182.50m | |
| SYN-24-0823 | 164.80 | 167.85 | 3.05 | 1.58 | 3.05m @ 1.58% $Li_2O$ from 164.80m | |
| | 271.50 | 276.30 | 4.80 | 0.71 | 4.80m @ 0.71% $Li_2O$ from 271.50m | |
| SYN-24-0858 | 159.60 | 164.00 | 4.40 | 2.45 | 4.40m @ 2.45% $Li_2O$ from 159.60m | |
| SYN-24-0863 | 144.50 | 182.00 | 37.50 | 1.64 | **37.50m @ 1.64% $Li_2O$ from 144.50m** | |
| SYN-24-0865 | 107.00 | 150.60 | 43.60 | 1.75 | **43.60m @ 1.75% $Li_2O$ from 107.00m** | |
| SYN-24-0867 | 113.55 | 139.30 | 26.35 | 1.66 | **26.35m @ 1.66% $Li_2O$ from 113.55m** | |
| | 154.10 | 163.80 | 9.70 | 1.15 | 9.70m @ 1.15% $Li_2O$ from 154.10m | |
| SYN-24-0868 | 107.45 | 129.00 | 21.55 | 1.69 | **21.55m @ 1.69% $Li_2O$ from 107.45m** | |
| | 131.50 | 137.00 | 5.50 | 1.72 | 5.50m @ 1.72% $Li_2O$ from 131.50m | |
| | 139.40 | 141.40 | 2.00 | 0.89 | 2.00m @ 0.89% $Li_2O$ from 139.40m | |
| | 147.10 | 156.60 | 9.50 | 0.86 | 9.50m @ 0.86% $Li_2O$ from 147.10m | |
| SYN-24-0869 | 157.70 | 160.40 | 2.70 | 1.49 | 2.70m @ 1.49% $Li_2O$ from 157.70m | |
| | 167.25 | 170.10 | 2.85 | 1.23 | 2.85m @ 1.23% $Li_2O$ from 167.25m | |
| SYN-24-0870 | 126.25 | 172.55 | 46.30 | 1.72 | **46.30m @ 1.72% $Li_2O$ from 126.25m** | |

*Notes: Table 2 presents all intervals above 0.6% $Li_2O$ over 2m. Bold text indicates Metal Factor greater than 25. See Notes (2) (Table 1) for drilling intercept calculation methodology.*

## Main Area

Recent drilling in the Main area, all completed outside the current resource pit shell, has the potential to support future growth of mineral resources. Key results from this area are presented in Table 3. Both earlier and recent drilling campaigns confirm the northward extension of the pegmatite bodies at depth, consistent with their 20°–30° dip to the north.
Some of the most compelling results come from the eastern edge of the Main area, near the boundary with the Inter area. As shown in Figures 2 and 3 (sections A–A' and B–B'), several new intercepts range from **30 to 80 metres** in thickness, occurring both within the pit shell and along its margins. These results confirm a stacked geometry of sub-horizontal LCT pegmatites, many of which exhibit strong grades and substantial thicknesses.

Among the standout results, drillhole SYN-24-0780 intersected **1.80% $Li_2O$ over 50.35 m**, while SYN-24-0810 returned a broad zone grading **1.35% $Li_2O$ over 82.80 m**. Drillhole SYN-24-0882 encountered two well-mineralised intervals, with **1.59% $Li_2O$ over 48.80 m** and **1.87% $Li_2O$ over 60.65 m**. In addition, SYN-24-0776 yielded a high-grade intercept of **1.96% $Li_2O$ over 53.45 m** (Figures 1–3).

Collectively, these strong results support the current geological interpretation and highlight the potential for a substantial upgrade in the upcoming mineral resource estimate

Table 3 – Main Area (intervals above 0.6% $Li_2O$ over 2m - outside MRE 2024 pit shell)

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| SYN-24-0701 | 269.35 | 273.00 | 3.65 | 1.07 | 3.65m @ 1.07% $Li_2O$ from 269.35m | |
| | 340.00 | 346.00 | 6.00 | 0.94 | 6.00m @ 0.94% $Li_2O$ from 340.00m | |
| SYN-24-0702 | 337.95 | 343.80 | 5.85 | 1.38 | 5.85m @ 1.38% $Li_2O$ from 337.95m | |
| | 348.85 | 354.55 | 5.70 | 1.52 | 5.70m @ 1.52% $Li_2O$ from 348.85m | |
| SYN-24-0704 | 301.70 | 306.00 | 4.30 | 1.14 | 4.30m @ 1.14% $Li_2O$ from 301.70m | |
| | 361.45 | 375.00 | 13.55 | 1.13 | 13.55m @ 1.13% $Li_2O$ from 361.45m | |
| SYN-24-0734 | 201.60 | 205.70 | 4.10 | 0.88 | 4.10m @ 0.88% $Li_2O$ from 201.60m | |
| | 341.30 | 371.25 | 29.95 | 1.34 | **29.95m @ 1.34% $Li_2O$ from 341.30m** | |
| SYN-24-0738 | 201.10 | 204.85 | 3.75 | 1.18 | 3.75m @ 1.18% $Li_2O$ from 201.10m | |
| | 360.55 | 364.20 | 3.65 | 1.16 | 3.65m @ 1.16% $Li_2O$ from 360.55m | |
| SYN-24-0746 | 131.00 | 147.00 | 16.00 | 1.62 | **16.00m @ 1.62% $Li_2O$ from 131.00m** | |
| SYN-24-0776 | 355.05 | 364.85 | 9.80 | 1.73 | 9.80m @ 1.73% $Li_2O$ from 355.05m | |
| SYN-24-0778 | 135.90 | 145.45 | 9.55 | 2.07 | 9.55m @ 2.07% $Li_2O$ from 135.90m | |
| | 162.30 | 164.80 | 2.50 | 1.81 | 2.50m @ 1.81% $Li_2O$ from 162.30m | |
| | 257.50 | 266.20 | 8.70 | 1.56 | 8.70m @ 1.56% $Li_2O$ from 257.50m | |
| | 281.05 | 284.55 | 3.50 | 0.68 | 3.50m @ 0.68% $Li_2O$ from 281.05m | |
| | 334.20 | 346.50 | 12.30 | 1.08 | 12.30m @ 1.08% $Li_2O$ from 334.20m | |
| SYN-24-0779 | 252.70 | 274.90 | 22.20 | 1.39 | **22.20m @ 1.39% $Li_2O$ from 252.70m** | |
| | 340.90 | 356.00 | 15.10 | 1.24 | 15.10m @ 1.24% $Li_2O$ from 340.90m | |
| | 359.50 | 363.50 | 4.00 | 1.21 | 4.00m @ 1.21% $Li_2O$ from 359.50m | |
| SYN-24-0780 | 143.70 | 146.00 | 2.30 | 0.64 | 2.30m @ 0.64% $Li_2O$ from 143.70m | |
| | 239.00 | 289.35 | 50.35 | 1.80 | **50.35m @ 1.80% $Li_2O$ from 239.00m** | |
| | 355.25 | 366.30 | 11.05 | 1.62 | 11.05m @ 1.62% $Li_2O$ from 355.25m | |
| SYN-24-0795 | 169.05 | 172.15 | 3.10 | 1.01 | 3.10m @ 1.01% $Li_2O$ from 169.05m | |
| | 274.55 | 278.20 | 3.65 | 1.51 | 3.65m @ 1.51% $Li_2O$ from 274.55m | |
| | 280.50 | 300.00 | 19.50 | 1.68 | **19.50m @ 1.68% $Li_2O$ from 280.50m** | |
| | 351.65 | 367.10 | 15.45 | 1.60 | 15.45m @ 1.60% $Li_2O$ from 351.65m | |
| SYN-24-0796 | 188.60 | 191.40 | 2.80 | 1.49 | 2.80m @ 1.49% $Li_2O$ from 188.60m | |
| | 288.50 | 320.00 | 31.50 | 1.75 | **31.50m @ 1.75% $Li_2O$ from 288.50m** | |
| | 325.30 | 329.00 | 3.70 | 1.19 | 3.70m @ 1.19% $Li_2O$ from 325.30m | |
| | 383.00 | 389.00 | 6.00 | 1.15 | 6.00m @ 1.15% $Li_2O$ from 383.00m | |
| SYN-24-0810 | 277.30 | 360.10 | 82.80 | 1.35 | **82.80m @ 1.35% $Li_2O$ from 277.30m** | |
| | 364.65 | 366.85 | 2.20 | 3.23 | 2.20m @ 3.23% $Li_2O$ from 364.65m | |
| SYN-24-0811 | 137.25 | 144.05 | 6.80 | 1.54 | 6.80m @ 1.54% $Li_2O$ from 137.25m | |
| | 204.70 | 223.80 | 19.10 | 0.90 | 19.10m @ 0.90% $Li_2O$ from 204.70m | |

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| | 250.70 | 272.65 | 21.95 | 1.36 | **21.95m @ 1.36% $Li_2O$ from 250.70m** | |
| | 316.00 | 325.15 | 9.15 | 1.15 | 9.15m @ 1.15% $Li_2O$ from 316.00m | |
| SYN-24-0882 | 393.00 | 401.25 | 8.25 | 1.21 | 8.25m @ 1.21% $Li_2O$ from 393.00m | |

*Notes: Table 3 presents all intervals above 0.6% $Li_2O$ over 2m. Bold text indicates Metal Factor greater than 25. See Notes (2) (Table 1) for drilling intercept calculation methodology.*

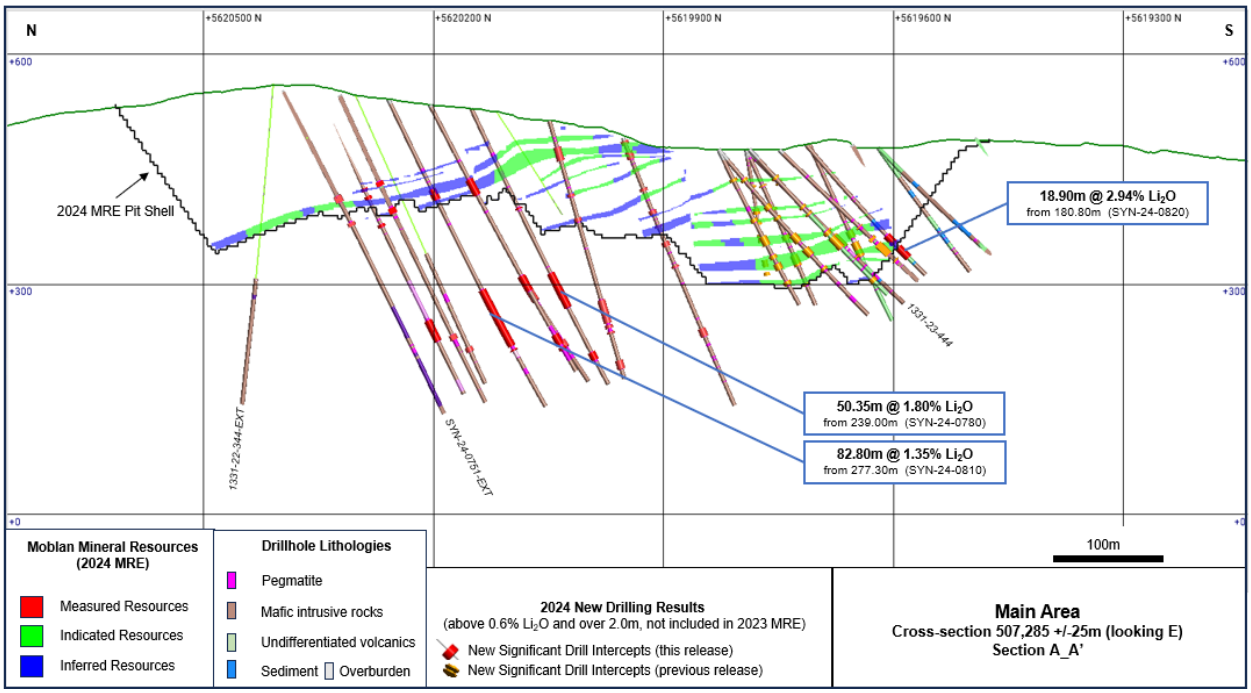


Figure 2 – Cross-section view A-A' – Main Area at depth

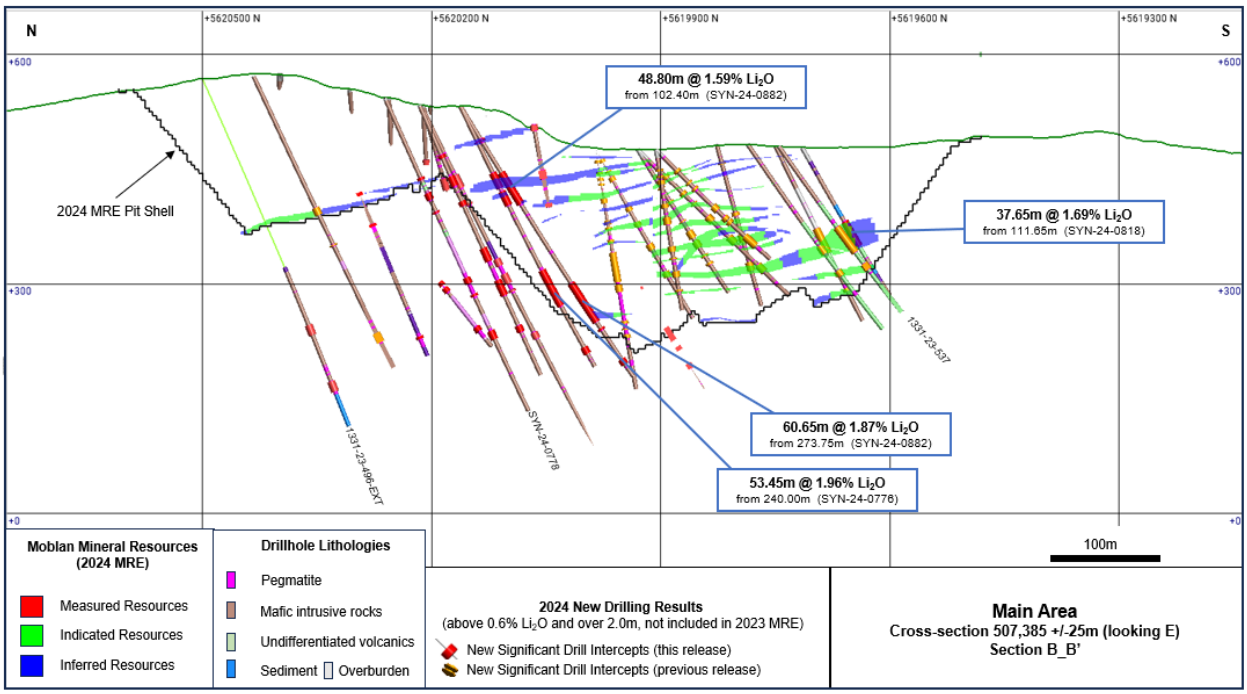


Figure 3 – Cross-section view B-B' – Main Area at depth

## Inter Area

The latest drilling results from the Inter area, all located outside the current resource pit shell, show strong potential to contribute to future resource growth. Key intercepts from this zone are presented in Table 4. Among the most significant results (intercepts >40 metres) are: **1.73% $Li_2O$ over 40.05 m** in hole SYN-24-0709, **0.87% $Li_2O$ over 48.30 m** in SYN-24-0729, **1.90% $Li_2O$ over 48.75 m** in SYN-24-0730, **1.61% $Li_2O$ over 40.80 m** in SYN-24-0777, **1.48% $Li_2O$ over 45.80 m** in SYN-24-0787, and **1.67% $Li_2O$ over 42.45 m** in SYN-24-0798 (Figures 1 and 4).

This drilling program was designed to demonstrate the continuity of sub-horizontal pegmatite dykes at depth within the Inter area. The intercepts reported in this release confirm the success of that objective and highlight the potential for geological connectivity between pegmatite systems in the Moleon, Main, and South areas.

Table 4 – Inter Area (intervals above 0.6% $Li_2O$ over 2m - outside MRE 2024 pit shell)

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| SYN-24-0705 | 130.40 | 154.00 | 23.60 | 1.37 | **23.60m @ 1.37% $Li_2O$ from 130.40m** | |
| | 163.50 | 189.75 | 26.25 | 1.91 | **26.25m @ 1.91% $Li_2O$ from 163.50m** | |
| | 213.00 | 217.30 | 4.30 | 1.08 | 4.30m @ 1.08% $Li_2O$ from 213.00m | |
| | 234.40 | 244.00 | 9.60 | 1.94 | 9.60m @ 1.94% $Li_2O$ from 234.40m | |
| SYN-24-0706 | 189.80 | 193.00 | 3.20 | 1.10 | 3.20m @ 1.10% $Li_2O$ from 189.80m | |
| | 195.70 | 206.15 | 10.45 | 1.37 | 10.45m @ 1.37% $Li_2O$ from 195.70m | *Inter* |
| | 208.65 | 214.00 | 5.35 | 0.93 | 5.35m @ 0.93% $Li_2O$ from 208.65m | |
| | 226.40 | 230.20 | 3.80 | 1.25 | 3.80m @ 1.25% $Li_2O$ from 226.40m | |
| | 232.75 | 237.00 | 4.25 | 1.34 | 4.25m @ 1.34% $Li_2O$ from 232.75m | |
| SYN-24-0707 | 153.00 | 161.00 | 8.00 | 0.72 | 8.00m @ 0.72% $Li_2O$ from 153.00m | |
| | 192.95 | 208.50 | 15.55 | 1.21 | 15.55m @ 1.21% Li2O from 192.95m | |
| | 231.00 | 251.55 | 20.55 | 1.69 | **20.55m @ 1.69% $Li_2O$ from 231.00m** | |
| | 253.65 | 256.10 | 2.45 | 3.23 | 2.45m @ 3.23% $Li_2O$ from 253.65m | |
| SYN-24-0708 | 159.80 | 184.85 | 25.05 | 1.53 | **25.05m @ 1.53% $Li_2O$ from 159.80m** | |
| | 238.70 | 244.35 | 5.65 | 2.99 | 5.65m @ 2.99% $Li_2O$ from 238.70m | |
| SYN-24-0709 | 140.35 | 147.95 | 7.60 | 0.88 | 7.60m @ 0.88% $Li_2O$ from 140.35m | |
| | 212.70 | 252.75 | 40.05 | 1.73 | **40.05m @ 1.73% $Li_2O$ from 212.70m** | |
| SYN-24-0710 | 181.80 | 186.30 | 4.50 | 1.24 | 4.50m @ 1.24% $Li_2O$ from 181.80m | |
| | 207.95 | 211.35 | 3.40 | 1.74 | 3.40m @ 1.74% $Li_2O$ from 207.95m | |
| SYN-24-0729 | 156.80 | 205.10 | 48.30 | 0.87 | **48.30m @ 0.87% $Li_2O$ from 156.80m** | |
| SYN-24-0730 | 202.80 | 208.00 | 5.20 | 1.08 | 5.20m @ 1.08% $Li_2O$ from 202.80m | |
| | 219.50 | 268.25 | 48.75 | 1.90 | **48.75m @ 1.90% $Li_2O$ from 219.50m** | |
| SYN-24-0739 | 240.00 | 242.80 | 2.80 | 2.51 | 2.80m @ 2.51% $Li_2O$ from 240.00m | |
| | 335.40 | 341.55 | 6.15 | 1.32 | 6.15m @ 1.32% $Li_2O$ from 335.40m | |
| | 345.30 | 352.30 | 7.00 | 0.63 | 7.00m @ 0.63% $Li_2O$ from 345.30m | |
| | 411.55 | 418.35 | 6.80 | 1.18 | 6.80m @ 1.18% $Li_2O$ from 411.55m | |
| SYN-24-0740 | 153.00 | 155.00 | 2.00 | 1.08 | 2.00m @ 1.08% $Li_2O$ from 153.00m | |
| | 160.35 | 171.25 | 10.90 | 1.26 | 10.90m @ 1.26% $Li_2O$ from 160.35m | |
| | 200.55 | 222.60 | 22.05 | 1.41 | **22.05m @ 1.41% $Li_2O$ from 200.55m** | |

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| SYN-24-0758 | 171.85 | 178.70 | 6.85 | 1.54 | 6.85m @ 1.54% $Li_2O$ from 171.85m | |
| | 190.25 | 213.45 | 23.20 | 1.20 | **23.20m @ 1.20% $Li_2O$ from 190.25m** | |
| | 248.10 | 250.80 | 2.70 | 1.51 | 2.70m @ 1.51% $Li_2O$ from 248.10m | |
| SYN-24-0759 | 187.80 | 193.35 | 5.55 | 1.28 | 5.55m @ 1.28% $Li_2O$ from 187.80m | |
| | 224.50 | 234.25 | 9.75 | 1.40 | 9.75m @ 1.40% $Li_2O$ from 224.50m | |
| SYN-24-0768 | 223.75 | 226.65 | 2.90 | 0.97 | 2.90m @ 0.97% $Li_2O$ from 223.75m | |
| | 229.60 | 240.75 | 11.15 | 1.50 | 11.15m @ 1.50% $Li_2O$ from 229.60m | |
| | 276.30 | 292.00 | 15.70 | 1.46 | 15.70m @ 1.46% $Li_2O$ from 276.30m | |
| | 296.30 | 320.65 | 24.35 | 2.20 | **24.35m @ 2.20% $Li_2O$ from 296.30m** | |
| SYN-24-0777 | 179.15 | 185.10 | 5.95 | 1.55 | 5.95m @ 1.55% $Li_2O$ from 179.15m | |
| | 237.15 | 277.95 | 40.80 | 1.61 | **40.80m @ 1.61% $Li_2O$ from 237.15m** | |
| | 281.55 | 287.80 | 6.25 | 1.39 | 6.25m @ 1.39% $Li_2O$ from 281.55m | |
| SYN-24-0783 | 185.55 | 187.60 | 2.05 | 1.78 | 2.05m @ 1.78% $Li_2O$ from 185.55m | |
| | 191.55 | 201.50 | 9.95 | 1.34 | 9.95m @ 1.34% $Li_2O$ from 191.55m | |
| | 214.50 | 238.90 | 24.40 | 1.96 | **24.40m @ 1.96% $Li_2O$ from 214.50m** | |
| SYN-24-0785 | 246.55 | 249.05 | 2.50 | 0.67 | 2.50m @ 0.67% $Li_2O$ from 246.55m | |
| SYN-24-0786 | 231.10 | 243.55 | 12.45 | 1.22 | 12.45m @ 1.22% $Li_2O$ from 231.10m | |
| | 247.15 | 254.95 | 7.80 | 1.70 | 7.80m @ 1.70% $Li_2O$ from 247.15m | |
| SYN-24-0787 | 289.20 | 335.00 | 45.80 | 1.48 | **45.80m @ 1.48% $Li_2O$ from 289.20m** | |
| | 341.00 | 347.70 | 6.70 | 1.02 | 6.70m @ 1.02% $Li_2O$ from 341.00m | |
| SYN-24-0798 | 100.00 | 103.00 | 3.00 | 0.86 | 3.00m @ 0.86% $Li_2O$ from 100.00m | |
| | 110.65 | 112.80 | 2.15 | 2.05 | 2.15m @ 2.05% $Li_2O$ from 110.65m | |
| | 144.75 | 187.20 | 42.45 | 1.67 | **42.45m @ 1.67% $Li_2O$ from 144.75m** | |
| | 226.10 | 242.30 | 16.20 | 2.02 | **16.20m @ 2.02% $Li_2O$ from 226.10m** | |
| SYN-24-0799 | 158.10 | 162.00 | 3.90 | 1.75 | 3.90m @ 1.75% $Li_2O$ from 158.10m | |
| | 164.20 | 170.00 | 5.80 | 1.34 | 5.80m @ 1.34% $Li_2O$ from 164.20m | |
| SYN-24-0808 | 179.95 | 183.55 | 3.60 | 1.75 | 3.60m @ 1.75% $Li_2O$ from 179.95m | |
| | 241.75 | 276.00 | 34.25 | 1.65 | **34.25m @ 1.65% $Li_2O$ from 241.75m** | |
| | 313.40 | 321.70 | 8.30 | 1.53 | 8.30m @ 1.53% $Li_2O$ from 313.40m | |
| | 324.80 | 327.00 | 2.20 | 0.73 | 2.20m @ 0.73% $Li_2O$ from 324.80m | |
| SYN-24-0809 | 262.50 | 264.85 | 2.35 | 1.35 | 2.35m @ 1.35% $Li_2O$ from 262.50m | |
| SYN-24-0813 | 221.60 | 255.00 | 33.40 | 1.30 | **33.40m @ 1.30% $Li_2O$ from 221.60m** | |
| | 312.00 | 320.50 | 8.50 | 0.88 | 8.50m @ 0.88% $Li_2O$ from 312.00m | |
| SYN-24-0814 | 108.00 | 115.35 | 7.35 | 1.27 | 7.35m @ 1.27% $Li_2O$ from 108.00m | |
| | 148.70 | 154.75 | 6.05 | 1.00 | 6.05m @ 1.00% $Li_2O$ from 148.70m | |
| | 162.15 | 165.60 | 3.45 | 1.95 | 3.45m @ 1.95% $Li_2O$ from 162.15m | |
| | 192.60 | 205.40 | 12.80 | 1.64 | 12.80m @ 1.64% $Li_2O$ from 192.60m | |
| SYN-24-0828 | 139.10 | 143.70 | 4.60 | 1.84 | 4.60m @ 1.84% $Li_2O$ from 139.10m | |

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| | 191.70 | 207.40 | 15.70 | 1.56 | 15.70m @ 1.56% $Li_2O$ from 191.70m | |
| | 225.10 | 259.70 | 34.60 | 1.56 | **34.60m @ 1.56% $Li_2O$ from 225.10m** | |
| SYN-24-0838 | 164.90 | 182.50 | 17.60 | 1.89 | **17.60m @ 1.89% $Li_2O$ from 164.90m** | |
| | 296.50 | 302.05 | 5.55 | 1.64 | 5.55m @ 1.64% $Li_2O$ from 296.50m | |
| | 369.25 | 378.00 | 8.75 | 1.56 | 8.75m @ 1.56% $Li_2O$ from 369.25m | |
| SYN-24-0839 | 161.15 | 185.85 | 24.70 | 1.93 | **24.70m @ 1.93% $Li_2O$ from 161.15m** | |
| | 265.85 | 278.60 | 12.75 | 1.64 | 12.75m @ 1.64% $Li_2O$ from 265.85m | |
| | 281.70 | 288.40 | 6.70 | 1.73 | 6.70m @ 1.73% $Li_2O$ from 281.70m | |
| SYN-24-0840 | 138.45 | 153.20 | 14.75 | 0.92 | 14.75m @ 0.92% $Li_2O$ from 138.45m | |
| | 228.55 | 261.25 | 32.70 | 1.57 | **32.70m @ 1.57% $Li_2O$ from 228.55m** | |
| SYN-24-0841 | 111.90 | 129.10 | 17.20 | 1.62 | **17.20m @ 1.62% $Li_2O$ from 111.90m** | |
| | 160.80 | 181.20 | 20.40 | 1.66 | **20.40m @ 1.66% $Li_2O$ from 160.80m** | |
| | 184.00 | 193.00 | 9.00 | 0.84 | 9.00m @ 0.84% $Li_2O$ from 184.00m | |
| SYN-24-0842 | 160.10 | 170.15 | 10.05 | 0.64 | 10.05m @ 0.64% $Li_2O$ from 160.10m | |
| | 198.20 | 204.75 | 6.55 | 1.73 | 6.55m @ 1.73% $Li_2O$ from 198.20m | |
| SYN-24-0843 | 115.25 | 120.00 | 4.75 | 1.10 | 4.75m @ 1.10% $Li_2O$ from 115.25m | |
| | 189.40 | 193.60 | 4.20 | 1.43 | 4.20m @ 1.43% $Li_2O$ from 189.40m | |
| | 267.40 | 278.00 | 10.60 | 1.32 | 10.60m @ 1.32% $Li_2O$ from 267.40m | |
| SYN-24-0928 | 156.05 | 158.50 | 2.45 | 0.69 | 2.45m @ 0.69% $Li_2O$ from 156.05m | |
| | 172.90 | 211.60 | 38.70 | 1.53 | **38.70m @ 1.53% $Li_2O$ from 172.90m** | |

*Notes: Table 4 presents all intervals above 0.6% $Li_2O$ over 2m. Bold text indicates Metal Factor greater than 25. See Notes (2) (Table 1) for drilling intercept calculation methodology.*

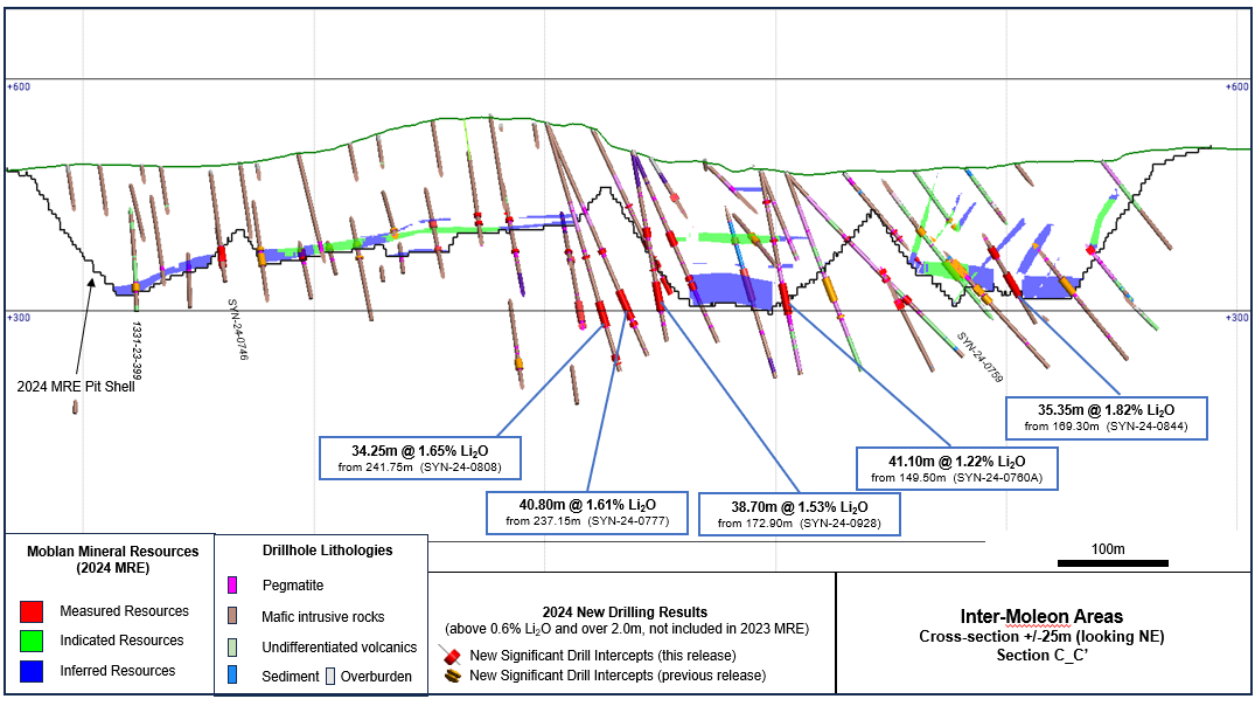


Figure 4 – Cross-section view C-C' – Junction between Inter and Moleon areas

## Moleon Area

Drilling in the Moleon area, beyond the current resource pit shell, has defined a structurally complex and promising zone. Sub-horizontal, east–west pegmatites from the Main and South areas intersect with steeply dipping, north–south dykes. This structural intersection results in the development of thick and well-mineralised pegmatite bodies.

The new drill results confirm the eastward continuation of sub-horizontal pegmatites into the Moleon area, while also delineating N–S trending dykes with estimated true widths of up to 50 metres. Standout intercepts include **2.25% $Li_2O$ over 26.25 m** in hole SYN-24-0712, **1.79% $Li_2O$ over 50.35 m** in SYN-24-0720, and **1.79% $Li_2O$ over 30.60 m** in SYN-24-0721.

These results validate the broader geological model and further support the potential for resource growth in the eastern extent of the system (Figures 1 and 4).

Table 5 – Moleon Area (intervals above 0.6% $Li_2O$ over 2m - outside MRE 2024 pit shell)

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| SYN-24-0712 | 91.80 | 95.20 | 3.40 | 1.90 | 3.40m @ 1.90% $Li_2O$ from 91.80m | |
| | 225.00 | 235.90 | 10.90 | 1.73 | 10.90m @ 1.73% $Li_2O$ from 225.00m | |
| | 240.35 | 266.60 | 26.25 | 2.25 | **26.25m @ 2.25% $Li_2O$ from 240.35m** | |
| SYN-24-0720 | 183.50 | 185.65 | 2.15 | 1.18 | 2.15m @ 1.18% $Li_2O$ from 183.50m | |
| | 190.85 | 241.20 | 50.35 | 1.54 | **50.35m @ 1.54% $Li_2O$ from 190.85m** | |
| SYN-24-0721 | 193.50 | 202.50 | 9.00 | 1.74 | 9.00m @ 1.74% $Li_2O$ from 193.50m | |
| | 209.40 | 215.70 | 6.30 | 1.44 | 6.30m @ 1.44% $Li_2O$ from 209.40m | |
| | 227.50 | 258.10 | 30.60 | 1.79 | **30.60m @ 1.79% $Li_2O$ from 227.50m** | |
| SYN-24-0722 | 173.30 | 195.35 | 22.05 | 1.95 | **22.05m @ 1.95% $Li_2O$ from 173.30m** | |
| | 213.85 | 219.75 | 5.90 | 1.52 | 5.90m @ 1.52% $Li_2O$ from 213.85m | |
| SYN-24-0723 | 202.65 | 210.30 | 7.65 | 1.14 | 7.65m @ 1.14% $Li_2O$ from 202.65m | |
| SYN-24-0726 | 181.55 | 186.70 | 5.15 | 1.19 | 5.15m @ 1.19% $Li_2O$ from 181.55m | |
| | 189.80 | 200.15 | 10.35 | 1.57 | 10.35m @ 1.57% $Li_2O$ from 189.80m | |
| SYN-24-0727 | 192.00 | 194.75 | 2.75 | 2.27 | 2.75m @ 2.27% $Li_2O$ from 192.00m | |
| | 199.50 | 205.00 | 5.50 | 0.64 | 5.50m @ 0.64% $Li_2O$ from 199.50m | |
| SYN-24-0728 | 93.15 | 97.00 | 3.85 | 1.33 | 3.85m @ 1.33% $Li_2O$ from 93.15m | |
| | 102.25 | 105.00 | 2.75 | 1.63 | 2.75m @ 1.63% $Li_2O$ from 102.25m | |
| SYN-24-0763 | 215.60 | 234.90 | 19.30 | 1.61 | **19.30m @ 1.61% $Li_2O$ from 215.60m** | |
| | 240.55 | 247.70 | 7.15 | 1.16 | 7.15m @ 1.16% $Li_2O$ from 240.55m | |
| SYN-24-0851 | 151.75 | 162.00 | 10.25 | 1.71 | 10.25m @ 1.71% $Li_2O$ from 151.75m | |

*Notes: Table 5 presents all intervals above 0.6% $Li_2O$ over 2m. Bold text indicates Metal Factor greater than 25. See Notes (2) (Table 1) for drilling intercept calculation methodology.*

## In-pit conversion drilling (within 2024 MRE pit shell)

This section highlights new drilling results obtained **within the current limits of the resource pit shell**, across the Main, South, Inter, and Moleon areas, as outlined in Table 6. The goal of this conversion drilling program was to support resource category upgrades by confirming the continuity of lithium mineralisation and extending previously defined zones.

Among the most notable results, drillhole SYN-24-0858 in the Main area intersected **1.49% $Li_2O$ over 63.30 m** from 52.15 m depth, while SYN-24-0776 returned **1.96% $Li_2O$ over 53.45 m** from 240.00 m. Drillhole SYN-24-0882 yielded two high-grade intervals, with **1.59% $Li_2O$ over 48.80 m** from 102.40 m and **1.87% $Li_2O$ over 60.65 m** from 273.75 m. In addition, SYN-24-760A intersected **1.22% $Li_2O$ over 41.10 m** beginning at 149.50 m.

These results confirm the continuity of lithium mineralisation within the pit shell and support the conversion of inferred resources to the indicated and measured categories for the upcoming mineral resource estimate. This conversion drilling is expected to contribute positively to future reserve growth at Moblan (Figures 1, 3, and 4).

Table 6 – Potential Resources Upgrade (intervals above 0.6% $Li_2O$ over 2m – within 2024 MRE pit shell)

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| **SYN-24-0818** | 111.65 | 149.30 | 37.65 | 1.69 | **37.65m @ 1.69% $Li_2O$ from 111.65m** | *South Area* |
| SYN-24-0820 | 159.25 | 174.30 | 15.05 | 1.80 | **15.05m @ 1.80% $Li_2O$ from 159.25m** | |
| SYN-24-0821 | 127.50 | 149.30 | 21.80 | 1.62 | **21.80m @ 1.62% $Li_2O$ from 127.50m** | |
| SYN-24-0822 | 108.90 | 135.65 | 26.75 | 1.75 | **26.75m @ 1.75% $Li_2O$ from 108.90m** | |
| SYN-24-0823 | 112.90 | 140.90 | 28.00 | 1.29 | **28.00m @ 1.29% $Li_2O$ from 112.90m** | |
| SYN-24-0825 | 198.80 | 200.80 | 2.00 | 1.02 | 2.00m @ 1.02% $Li_2O$ from 198.80m | |
| SYN-24-0826 | 113.75 | 119.35 | 5.60 | 0.70 | 5.60m @ 0.70% $Li_2O$ from 113.75m | |
| | 215.25 | 219.95 | 4.70 | 0.77 | 4.70m @ 0.77% $Li_2O$ from 215.25m | |
| SYN-24-0858 | 52.15 | 115.45 | 63.30 | 1.49 | **63.30m @ 1.49% $Li_2O$ from 52.15m** | |
| SYN-24-0863 | 78.50 | 84.00 | 5.50 | 1.31 | 5.50m @ 1.31% $Li_2O$ from 78.50m | |
| | 87.00 | 90.00 | 3.00 | 0.86 | 3.00m @ 0.86% $Li_2O$ from 87.00m | |
| SYN-24-0865 | 36.00 | 48.55 | 12.55 | 2.02 | **12.55m @ 2.02% $Li_2O$ from 36.00m** | |
| | 57.60 | 60.50 | 2.90 | 1.45 | 2.90m @ 1.45% $Li_2O$ from 57.60m | |
| | 63.00 | 69.60 | 6.60 | 1.86 | 6.60m @ 1.86% $Li_2O$ from 63.00m | |
| SYN-24-0869 | 119.20 | 138.85 | 19.65 | 1.67 | **19.65m @ 1.67% $Li_2O$ from 119.20m** | |
| | 144.85 | 155.65 | 10.80 | 1.42 | 10.80m @ 1.42% $Li_2O$ from 144.85m | |
| SYN-24-0872 | 32.85 | 46.75 | 13.90 | 1.38 | 13.90m @ 1.38% $Li_2O$ from 32.85m | |
| | 98.50 | 111.70 | 13.20 | 1.66 | 13.20m @ 1.66% $Li_2O$ from 98.50m | |
| | 123.20 | 132.65 | 9.45 | 2.09 | 9.45m @ 2.09% $Li_2O$ from 123.20m | |
| | 134.85 | 156.90 | 22.05 | 1.58 | **22.05m @ 1.58% $Li_2O$ from 134.85m** | |
| | 169.50 | 176.00 | 6.50 | 1.10 | 6.50m @ 1.10% $Li_2O$ from 169.50m | |
| **SYN-24-0693** | 67.65 | 71.40 | 3.75 | 2.00 | 3.75m @ 2.00% $Li_2O$ from 67.65m | *Main Area* |
| | 74.00 | 76.00 | 2.00 | 1.30 | 2.00m @ 1.30% $Li_2O$ from 74.00m | |
| | 92.00 | 96.80 | 4.80 | 1.01 | 4.80m @ 1.01% $Li_2O$ from 92.00m | |
| | 111.55 | 113.95 | 2.40 | 1.54 | 2.40m @ 1.54% $Li_2O$ from 111.55m | |
| SYN-24-0694 | 108.85 | 119.85 | 11.00 | 1.57 | 11.00m @ 1.57% $Li_2O$ from 108.85m | |
| SYN-24-0695 | 107.15 | 117.90 | 10.75 | 1.67 | 10.75m @ 1.67% $Li_2O$ from 107.15m | |

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| | 121.00 | 133.70 | 12.70 | 1.50 | 12.70m @ 1.50% $Li_2O$ from 121.00m | |
| SYN-24-0696 | 132.00 | 150.10 | 18.10 | 1.41 | **18.10m @ 1.41% $Li_2O$ from 132.00m** | |
| SYN-24-0697 | 135.40 | 141.00 | 5.60 | 1.18 | 5.60m @ 1.18% $Li_2O$ from 135.40m | |
| | 149.35 | 153.65 | 4.30 | 1.58 | 4.30m @ 1.58% $Li_2O$ from 149.35m | |
| SYN-24-0698 | 136.55 | 157.45 | 20.90 | 2.01 | **20.90m @ 2.01% $Li_2O$ from 136.55m** | |
| SYN-24-0699 | 151.65 | 168.00 | 16.35 | 0.79 | 16.35m @ 0.79% $Li_2O$ from 151.65m | |
| SYN-24-0701 | 81.40 | 97.15 | 15.75 | 1.78 | **15.75m @ 1.78% $Li_2O$ from 81.40m** | |
| | 113.25 | 117.00 | 3.75 | 1.66 | 3.75m @ 1.66% $Li_2O$ from 113.25m | |
| SYN-24-0702 | 96.20 | 100.25 | 4.05 | 1.42 | 4.05m @ 1.42% $Li_2O$ from 96.20m | |
| | 103.35 | 123.25 | 19.90 | 1.22 | 19.90m @ 1.22% $Li_2O$ from 103.35m | |
| SYN-24-0704 | 92.80 | 118.80 | 26.00 | 1.64 | **26.00m @ 1.64% $Li_2O$ from 92.80m** | |
| SYN-24-0734 | 149.60 | 153.90 | 4.30 | 1.51 | 4.30m @ 1.51% $Li_2O$ from 149.60m | |
| | 161.15 | 165.75 | 4.60 | 0.92 | 4.60m @ 0.92% $Li_2O$ from 161.15m | |
| SYN-24-0738 | 156.50 | 161.40 | 4.90 | 1.53 | 4.90m @ 1.53% $Li_2O$ from 156.50m | |
| SYN-24-0741 | 90.70 | 110.00 | 19.30 | 1.60 | **19.30m @ 1.60% $Li_2O$ from 90.70m** | |
| SYN-24-0745 | 118.00 | 137.70 | 19.70 | 1.81 | **19.70m @ 1.81% $Li_2O$ from 118.00m** | |
| SYN-24-0776 | 52.40 | 54.40 | 2.00 | 0.71 | 2.00m @ 0.71% $Li_2O$ from 52.40m | |
| | 97.40 | 120.10 | 22.70 | 1.72 | **22.70m @ 1.72% $Li_2O$ from 97.40m** | |
| | 124.45 | 145.00 | 20.55 | 1.35 | **20.55m @ 1.35% $Li_2O$ from 124.45m** | |
| | 240.00 | 293.45 | 53.45 | 1.96 | **53.45m @ 1.96% $Li_2O$ from 240.00m** | |
| SYN-24-0778 | 113.40 | 117.20 | 3.80 | 1.51 | 3.80m @ 1.51% $Li_2O$ from 113.40m | |
| SYN-24-0779 | 109.55 | 132.70 | 23.15 | 1.77 | **23.15m @ 1.77% $Li_2O$ from 109.55m** | |
| SYN-24-0793 | 115.50 | 129.00 | 13.50 | 1.80 | 13.50m @ 1.80% $Li_2O$ from 115.50m | |
| SYN-24-0794 | 124.40 | 130.35 | 5.95 | 1.51 | 5.95m @ 1.51% $Li_2O$ from 124.40m | |
| | 162.20 | 170.00 | 7.80 | 1.63 | 7.80m @ 1.63% $Li_2O$ from 162.20m | |
| SYN-24-0795 | 140.55 | 143.35 | 2.80 | 2.33 | 2.80m @ 2.33% $Li_2O$ from 140.55m | |
| SYN-24-0796 | 141.50 | 145.10 | 3.60 | 1.19 | 3.60m @ 1.19% $Li_2O$ from 141.50m | |
| SYN-24-0797 | 163.45 | 166.60 | 3.15 | 1.23 | 3.15m @ 1.23% $Li_2O$ from 163.45m | |
| SYN-24-0801 | 140.00 | 155.80 | 15.80 | 1.80 | **15.80m @ 1.80% $Li_2O$ from 140.00m** | |
| SYN-24-0806 | 113.20 | 124.00 | 10.80 | 1.21 | 10.80m @ 1.21% $Li_2O$ from 113.20m | |
| | 127.00 | 137.35 | 10.35 | 1.98 | 10.35m @ 1.98% $Li_2O$ from 127.00m | |
| SYN-24-0810 | 130.50 | 145.60 | 15.10 | 1.55 | 15.10m @ 1.55% $Li_2O$ from 130.50m | |
| SYN-24-0811 | 71.10 | 75.90 | 4.80 | 0.79 | 4.80m @ 0.79% $Li_2O$ from 71.10m | |
| | 101.70 | 115.65 | 13.95 | 1.54 | 13.95m @ 1.54% $Li_2O$ from 101.70m | |
| SYN-24-0882 | 51.00 | 55.60 | 4.60 | 1.38 | 4.60m @ 1.38% $Li_2O$ from 51.00m | |
| | 102.40 | 151.20 | 48.80 | 1.59 | **48.80m @ 1.59% $Li_2O$ from 102.40m** | |
| | 273.75 | 334.40 | 60.65 | 1.87 | **60.65m @ 1.87% $Li_2O$ from 273.75m** | |
| | 344.15 | 347.10 | 2.95 | 2.17 | 2.95m @ 2.17% $Li_2O$ from 344.15m | |

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| **SYN-24-0729** | 111.95 | 119.10 | 7.15 | 1.95 | 7.15m @ 1.95% $Li_2O$ from 111.95m | *Inter Area* |
| SYN-24-0730 | 158.55 | 163.55 | 5.00 | 1.28 | 5.00m @ 1.28% $Li_2O$ from 158.55m | |
| SYN-24-0759 | 116.50 | 118.50 | 2.00 | 1.28 | 2.00m @ 1.28% $Li_2O$ from 116.50m | |
| SYN-24-0760A | 39.90 | 43.70 | 3.80 | 1.54 | 3.80m @ 1.54% $Li_2O$ from 39.90m | |
| | 91.00 | 94.35 | 3.35 | 1.14 | 3.35m @ 1.14% $Li_2O$ from 91.00m | |
| | 149.50 | 190.60 | 41.10 | 1.22 | **41.10m @ 1.22% $Li_2O$ from 149.50m** | |
| SYN-24-0768 | 100.35 | 124.65 | 24.30 | 1.31 | **24.30m @ 1.31% $Li_2O$ from 100.35m** | |
| | 144.30 | 150.00 | 5.70 | 1.61 | 5.70m @ 1.61% $Li_2O$ from 144.30m | |
| | 155.30 | 169.20 | 13.90 | 1.19 | 13.90m @ 1.19% $Li_2O$ from 155.30m | |
| SYN-24-0769 | 2.25 | 17.75 | 15.50 | 1.62 | **15.50m @ 1.62% $Li_2O$ from 2.25m** | |
| | 68.70 | 75.00 | 6.30 | 1.66 | 6.30m @ 1.66% $Li_2O$ from 68.70m | |
| SYN-24-0781 | 211.80 | 223.65 | 11.85 | 1.26 | 11.85m @ 1.26% $Li_2O$ from 211.80m | |
| | 229.40 | 232.90 | 3.50 | 0.91 | 3.50m @ 0.91% $Li_2O$ from 229.40m | |
| | 246.15 | 249.00 | 2.85 | 1.69 | 2.85m @ 1.69% $Li_2O$ from 246.15m | |
| SYN-24-0782 | 95.65 | 99.55 | 3.90 | 0.93 | 3.90m @ 0.93% $Li_2O$ from 95.65m | |
| | 174.20 | 177.00 | 2.80 | 0.86 | 2.80m @ 0.86% $Li_2O$ from 174.20m | |
| | 179.50 | 211.80 | 32.30 | 1.37 | **32.30m @ 1.37% $Li_2O$ from 179.50m** | |
| | 215.70 | 223.70 | 8.00 | 0.69 | 8.00m @ 0.69% $Li_2O$ from 215.70m | |
| SYN-24-0783 | 110.70 | 113.20 | 2.50 | 1.57 | 2.50m @ 1.57% $Li_2O$ from 110.70m | |
| | 160.35 | 173.40 | 13.05 | 2.45 | **13.05m @ 2.45% $Li_2O$ from 160.35m** | |
| SYN-24-0784 | 115.75 | 135.15 | 19.40 | 1.74 | **19.40m @ 1.74% $Li_2O$ from 115.75m** | |
| | 178.50 | 185.10 | 6.60 | 1.09 | 6.60m @ 1.09% $Li_2O$ from 178.50m | |
| | 187.25 | 198.15 | 10.90 | 1.72 | 10.90m @ 1.72% $Li_2O$ from 187.25m | |
| SYN-24-0785 | 98.60 | 118.10 | 19.50 | 1.45 | **19.50m @ 1.45% $Li_2O$ from 98.60m** | |
| | 130.30 | 136.60 | 6.30 | 1.27 | 6.30m @ 1.27% $Li_2O$ from 130.30m | |
| | 144.15 | 148.40 | 4.25 | 1.44 | 4.25m @ 1.44% $Li_2O$ from 144.15m | |
| | 168.35 | 170.75 | 2.40 | 1.07 | 2.40m @ 1.07% $Li_2O$ from 168.35m | |
| SYN-24-0786 | 127.85 | 130.10 | 2.25 | 2.33 | 2.25m @ 2.33% $Li_2O$ from 127.85m | |
| | 151.10 | 160.90 | 9.80 | 1.45 | 9.80m @ 1.45% $Li_2O$ from 151.10m | |
| SYN-24-0787 | 90.70 | 116.15 | 25.45 | 1.66 | **25.45m @ 1.66% $Li_2O$ from 90.70m** | |
| | 128.60 | 131.00 | 2.40 | 0.81 | 2.40m @ 0.81% $Li_2O$ from 128.60m | |
| | 150.40 | 169.75 | 19.35 | 1.80 | **19.35m @ 1.80% $Li_2O$ from 150.40m** | |
| | 258.95 | 279.75 | 20.80 | 1.85 | **20.80m @ 1.85% $Li_2O$ from 258.95m** | |
| SYN-24-0807 | 4.00 | 16.80 | 12.80 | 1.14 | 12.80m @ 1.14% $Li_2O$ from 4.00m | |
| | 23.50 | 34.15 | 10.65 | 1.47 | 10.65m @ 1.47% $Li_2O$ from 23.50m | |
| | 133.20 | 137.80 | 4.60 | 1.71 | 4.60m @ 1.71% $Li_2O$ from 133.20m | |
| SYN-24-0809 | 156.00 | 160.40 | 4.40 | 1.12 | 4.40m @ 1.12% $Li_2O$ from 156.00m | |
| | 207.40 | 226.20 | 18.80 | 1.33 | **18.80m @ 1.33% $Li_2O$ from 207.40m** | |

| Drillhole | From (m) | To (m) | Length (m) | $Li_2O$ % | Description | Area |
|---|---|---|---|---|---|---|
| | 229.20 | 256.85 | 27.65 | 0.99 | **27.65m @ 0.99% $Li_2O$ from 229.20m** | |
| SYN-24-0813 | 103.20 | 119.30 | 16.10 | 1.76 | **16.10m @ 1.76% $Li_2O$ from 103.20m** | |
| SYN-24-0828 | 29.25 | 33.25 | 4.00 | 0.83 | 4.00m @ 0.83% $Li_2O$ from 29.25m | |
| SYN-24-0838 | 27.85 | 33.95 | 6.10 | 1.74 | 6.10m @ 1.74% $Li_2O$ from 27.85m | |
| SYN-24-0840 | 27.55 | 33.35 | 5.80 | 0.99 | 5.80m @ 0.99% $Li_2O$ from 27.55m | |
| SYN-24-0841 | 22.40 | 33.60 | 11.20 | 1.39 | 11.20m @ 1.39% $Li_2O$ from 22.40m | |
| SYN-24-0842 | 18.85 | 30.30 | 11.45 | 1.73 | 11.45m @ 1.73% $Li_2O$ from 18.85m | |
| | 105.10 | 111.70 | 6.60 | 1.31 | 6.60m @ 1.31% $Li_2O$ from 105.10m | |
| SYN-24-0843 | 72.70 | 82.20 | 9.50 | 1.34 | 9.50m @ 1.34% $Li_2O$ from 72.70m | |
| SYN-24-0928 | 101.70 | 114.40 | 12.70 | 1.83 | 12.70m @ 1.83% $Li_2O$ from 101.70m | |
| SYN-24-0720 | 111.40 | 115.00 | 3.60 | 1.16 | 3.60m @ 1.16% $Li_2O$ from 111.40m | *Moleon Area* |
| | 148.50 | 161.90 | 13.40 | 1.35 | 13.40m @ 1.35% $Li_2O$ from 148.50m | |
| | 166.40 | 176.35 | 9.95 | 1.36 | 9.95m @ 1.36% $Li_2O$ from 166.40m | |
| SYN-24-0721 | 129.25 | 132.25 | 3.00 | 1.80 | 3.00m @ 1.80% $Li_2O$ from 129.25m | |
| | 154.10 | 185.60 | 31.50 | 1.69 | **31.50m @ 1.69% $Li_2O$ from 154.10m** | |
| SYN-24-0722 | 134.90 | 143.55 | 8.65 | 2.25 | 8.65m @ 2.25% $Li_2O$ from 134.90m | |
| | 152.35 | 156.70 | 4.35 | 1.29 | 4.35m @ 1.29% $Li_2O$ from 152.35m | |
| | 160.20 | 170.75 | 10.55 | 2.10 | 10.55m @ 2.10% $Li_2O$ from 160.20m | |
| SYN-24-0723 | 18.55 | 23.80 | 5.25 | 1.21 | 5.25m @ 1.21% $Li_2O$ from 18.55m | |
| | 116.10 | 132.90 | 16.80 | 1.76 | **16.80m @ 1.76% $Li_2O$ from 116.10m** | |
| | 142.05 | 176.75 | 34.70 | 1.76 | **34.70m @ 1.76% $Li_2O$ from 142.05m** | |
| SYN-24-0725 | 69.35 | 93.30 | 23.95 | 1.89 | **23.95m @ 1.89% $Li_2O$ from 69.35m** | |
| | 137.65 | 159.90 | 22.25 | 1.94 | **22.25m @ 1.94% $Li_2O$ from 137.65m** | |
| SYN-24-0726 | 9.95 | 33.70 | 23.75 | 1.94 | **23.75m @ 1.94% $Li_2O$ from 9.95m** | |
| SYN-24-0727 | 34.00 | 37.60 | 3.60 | 1.37 | 3.60m @ 1.37% $Li_2O$ from 34.00m | |
| SYN-24-0763 | 82.40 | 109.95 | 27.55 | 1.77 | **27.55m @ 1.77% $Li_2O$ from 82.40m** | |
| SYN-24-0844 | 127.30 | 143.10 | 15.80 | 1.49 | 15.80m @ 1.49% $Li_2O$ from 127.30m | |
| | 169.30 | 204.65 | 35.35 | 1.82 | **35.35m @ 1.82% $Li_2O$ from 169.30m** | |
| SYN-24-0848 | 153.70 | 163.00 | 9.30 | 1.22 | 9.30m @ 1.22% $Li_2O$ from 153.70m | |

*Notes: Table 6 presents all intervals above 0.6% $Li_2O$ over 2m. Bold text indicates Metal Factor greater than 25. See Notes (2) (Table 1) for drilling intercept calculation methodology.*

These exceptional results not only confirm the consistency and quality of the lithium mineralisation within the pit shell but also strengthen confidence in the potential to upgrade a significant portion of inferred resources to the indicated and measured categories. They represent an important step toward future reserve growth at Moblan.

## About Moblan deposit

The Moblan project is located about 130 km northwest of Chibougamau and approximately 85 km from the Cree community of Mistissini. Conveniently located within 300 metres of the Route du Nord, a regional highway accessible year-round, the project benefits from direct connectivity to railway lines leading to major ports in Eastern Canada.

Authorised by Lucas Dow, Sayona's Managing Director and CEO.

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## About Sayona Mining

Sayona Mining Limited is a North American lithium producer (ASX:SYA; OTCQB:SYAXF), with projects in Québec, Canada and Western Australia.

In Québec, Sayona's assets comprise North American Lithium together with the Authier Lithium Project and supported by a strategic partnership with American lithium developer Piedmont Lithium Inc. Sayona also holds a 60% stake in the Moblan Lithium Project in northern Québec.

In Western Australia, the Company holds a large tenement portfolio in the Pilbara region prospective for gold and lithium. Sayona is exploring for Hemi style gold targets in the world class Pilbara region, while its lithium projects include Company-owned leases and those subject to a joint venture with Morella Corporation (ASX:1MC).

For more information, please visit us at www.sayonamining.com.au

## About Investissement Québec

Investissement Québec's mission is to play an active role in Québec's economic development by stimulating business innovation, entrepreneurship and business acquisitions, as well as growth in investment and exports. Operating in all of the province's administrative regions, the Corporation supports the creation and growth of businesses of all sizes with investments and customised financial solutions. It also assists businesses by providing consulting services and other support measures, including technological assistance available from Investissement Québec Innovation. In addition, through Investissement Québec International, the Corporation prospects for talent and foreign investment, and assists Québec businesses with export activities.

## References to Previous ASX Releases

- Moblan continues to deliver more high-grade lithium results from the 2024 drill program – 30 January 2025
- Moblan mineral resource increase 81% to 93Mt – 27 August 2024
- Moblan drilling reveals further high-grade lithium intersections – 13 June 2024
- Moblan drilling delivers thick, high-grade intersections – 26 May 2024
- Moblan Lithium Project Definitive Feasibility Study – 20 February 2024
- Moblan drilling shows expansion potential – 23 October 2023
- Drill results significantly expand Moblan lithium footprint – 11 July 2023
- Moblan boosted by significant increase in lithium resource – 17 April 2023

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

## Competent and Qualified Person Statement

The information in this announcement relating to Exploration Results is based on, and fairly represents, information and supporting documentation prepared by Mr. Carl Corriveau, PGeo, VP Exploration of Sayona, Mr Alain Carrier, PGeo, independent consultant (Norda Stelo/InnovExplo) and Mr Ehouman N'Dah, PGeo, Exploration Manager of Sayona who are all members of the Quebec Order of Geologists, a Registered Overseas Professional Organisation as defined in the ASX Listing Rules, and has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Carrier, Corriveau and N'Dah consent to the inclusion in this release of the matters based on the information in the form and context in which they appear.

## Forward Looking Statements

This press release contains certain forward-looking statements. Such statements include, but are not limited to, statements relating to "reserves" or "resources". Forward-looking statements are based on certain assumptions and involve known and unknown risks, uncertainties and other factors, many of which are beyond Sayona's control. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement. There can be no assurance that such information will prove to be accurate as actual results, and future events could differ materially from those anticipated in such forward-looking statements.

Table 7 – Drillhole Collar Data

South Area

| Drillhole | East (m) | North (m) | Elevation (m) | Azimuth | Dip Degrees | End of Hole (m) |
|---|---|---|---|---|---|---|
| SYN-24-0818 | 507,398.85 | 5,61,9715.01 | 478.28 | 181 | -60 | 225.00 |
| SYN-24-0820 | 507,295.27 | 5,619,714.36 | 482.68 | 181 | -50 | 231.00 |
| SYN-24-0821 | 507,449.54 | 5,619,758.97 | 478.50 | 180 | -60 | 270.00 |
| SYN-24-0822 | 507,502.51 | 5,619,751.01 | 480.50 | 180 | -70 | 222.00 |
| SYN-24-0823 | 507,548.22 | 5,619,774.67 | 480.55 | 180 | -75 | 294.00 |
| SYN-24-0825 | 507,458.61 | 5,619,804.90 | 480.11 | 180 | -60 | 300.00 |
| SYN-24-0826 | 507,502.91 | 5,619,812.48 | 483.13 | 180 | -73 | 315.00 |
| SYN-24-0858 | 506,518.46 | 5,619,633.10 | 542.91 | 180 | -61 | 189.00 |
| SYN-24-0863 | 506,559.38 | 5,619,624.97 | 538.81 | 180 | -56 | 201.00 |
| SYN-24-0865 | 506,604.73 | 5,619,624.16 | 533.45 | 180 | -76 | 177.00 |
| SYN-24-0867 | 506,658.65 | 5,619,583.93 | 536.68 | 180 | -71 | 201.00 |
| SYN-24-0868 | 506,697.82 | 5,619,536.91 | 535.74 | 180 | -70 | 165.00 |
| SYN-24-0869 | 506,700.00 | 5,619,640.26 | 531.71 | 180 | -65 | 183.00 |
| SYN-24-0870 | 506,750.38 | 5,619,648.45 | 524.63 | 180 | -55 | 210.00 |
| SYN-24-0872 | 506,798.75 | 5,619,700.26 | 515.11 | 180 | -60 | 210.00 |
| | | | Sub-total | 15 | drillholes | 3,393.00 |

Main Area

| Drillhole | East (m) | North (m) | Elevation (m) | Azimuth | Dip Degrees | End of Hole (m) |
|---|---|---|---|---|---|---|
| SYN-24-0693 | 506,919.41 | 5,620,228.58 | 500.33 | 170 | -55 | 198.00 |
| SYN-24-0694 | 506,951.77 | 5,620,299.47 | 495.47 | 150 | -55 | 126.00 |
| SYN-24-0695 | 506,928.99 | 5,620,332.10 | 493.40 | 184 | -70 | 174.00 |
| SYN-24-0696 | 506,930.75 | 5,620,393.12 | 490.48 | 182 | -65 | 207.00 |
| SYN-24-0697 | 506,898.58 | 5,620,432.78 | 489.04 | 180 | -65 | 201.00 |
| SYN-24-0698 | 506,927.86 | 5,620,440.09 | 486.82 | 180 | -65 | 201.00 |
| SYN-24-0699 | 506,853.77 | 5,620,468.91 | 488.60 | 180 | -65 | 198.00 |
| SYN-24-0701 | 507,164.52 | 5,620,210.82 | 516.25 | 180 | -65 | 441.00 |
| SYN-24-0702 | 507,205.91 | 5,620,247.03 | 527.56 | 180 | -65 | 450.00 |
| SYN-24-0704 | 507,149.34 | 5,620,325.21 | 510.96 | 180 | -65 | 429.00 |
| SYN-24-0734 | 507,313.31 | 5,620,353.95 | 560.81 | 180 | -65 | 447.40 |
| SYN-24-0738 | 507,347.94 | 5,620,354.17 | 564.17 | 170 | -67 | 388.50 |
| SYN-24-0741 | 507,081.13 | 5,620,320.74 | 493.83 | 180 | -65 | 162.00 |
| SYN-24-0745 | 506,998.19 | 5,620,447.32 | 488.86 | 180 | -65 | 153.00 |
| SYN-24-0746 | 507,005.93 | 5,620,479.17 | 488.50 | 180 | -65 | 168.00 |
| SYN-24-0776 | 507,393.14 | 5,620,162.75 | 532.89 | 180 | -65 | 384.00 |

## Main Area

| Drillhole | East (m) | North (m) | Elevation (m) | Azimuth | Dip Degrees | End of Hole (m) |
|---|---|---|---|---|---|---|
| SYN-24-0778 | 507,379.14 | 5,620,261.01 | 542.69 | 180 | -66 | 450.00 |
| SYN-24-0779 | 507,285.09 | 5,620,204.66 | 533.67 | 180 | -65 | 396.00 |
| SYN-24-0780 | 507,296.30 | 5,620,151.06 | 529.61 | 180 | -65 | 402.00 |
| SYN-24-0793 | 507,156.63 | 5,620,350.44 | 516.26 | 177 | -64 | 150.00 |
| SYN-24-0794 | 507,260.90 | 5,620,323.06 | 546.97 | 180 | -65 | 219.00 |
| SYN-24-0795 | 507,334.69 | 5,620,266.90 | 541.60 | 180 | -65 | 402.00 |
| SYN-24-0796 | 507,339.75 | 5,620,320.52 | 556.43 | 180 | -65 | 405.00 |
| SYN-24-0797 | 507,234.23 | 5,620,432.83 | 543.47 | 180 | -65 | 216.00 |
| SYN-24-0801 | 507,097.55 | 5,620,456.82 | 507.06 | 170 | -65 | 210.00 |
| SYN-24-0805 | 506,813.19 | 5,620,478.95 | 488.79 | 180 | -65 | 207.00 |
| SYN-24-0806 | 507,190.04 | 5,620,334.94 | 526.62 | 180 | -65 | 165.00 |
| SYN-24-0810 | 507,289.74 | 5,620,259.04 | 541.22 | 180 | -65 | 450.00 |
| SYN-24-0811 | 507,380.14 | 5,620,216.15 | 533.72 | 180 | -65 | 387.00 |
| SYN-24-0882 | 507,393.22 | 5,620,162.53 | 532.90 | 179 | -58 | 420.00 |
| | | | Sub-total | 30 | drillholes | 8,806.90 |

## Inter Area

| Drillhole | East (m) | North (m) | Elevation (m) | Azimuth | Dip Degrees | End of Hole (m) |
|---|---|---|---|---|---|---|
| SYN-24-0705 | 507,743.60 | 5,620,193.56 | 480.28 | 100 | -50 | 333.60 |
| SYN-24-0706 | 507,666.62 | 5,620,205.76 | 488.24 | 101 | -52 | 369.00 |
| SYN-24-0707 | 507,759.43 | 5,620,239.13 | 488.82 | 99 | -47 | 348.00 |
| SYN-24-0708 | 507,723.58 | 5,620,244.74 | 494.07 | 100 | -50 | 444.00 |
| SYN-24-0709 | 507,784.75 | 5,620279.33 | 490.75 | 100 | -50 | 351.00 |
| SYN-24-0710 | 507,727.39 | 5,620,281.19 | 499.40 | 100 | -53 | 351.00 |
| SYN-24-0729 | 507,667.19 | 5,620,205.71 | 488.20 | 100 | -70 | 354.00 |
| SYN-24-0730 | 507,397.81 | 5,620,307.34 | 554.54 | 100 | -65 | 393.00 |
| SYN-24-0739 | 507,438.62 | 5,620,395.42 | 565.61 | 185 | -53 | 444.00 |
| SYN-24-0740 | 507,723.15 | 5,620,244.81 | 493.95 | 100 | -67 | 330.30 |
| SYN-24-0758 | 507,683.13 | 5,620,112.26 | 478.77 | 130 | -52 | 300.00 |
| SYN-24-0759 | 507,689.93 | 5,620,158.48 | 479.09 | 100 | -48 | 333.00 |
| SYN-24-0760A | 507,656.26 | 5,620,161.67 | 481.59 | 100 | -80 | 270.00 |
| SYN-24-0768 | 507,579.78 | 5,620,326.28 | 517.30 | 100 | -52 | 429.00 |
| SYN-24-0769 | 507,680.73 | 5,620,348.41 | 500.95 | 100 | -50 | 75.00 |
| SYN-24-0777 | 507,394.33 | 5,620,256.00 | 543.11 | 100 | -65 | 330.00 |
| SYN-24-0781 | 507,464.37 | 5,620,377.89 | 563.60 | 100 | -69 | 390.00 |
| SYN-24-0782 | 507,494.76 | 5,620,295.28 | 532.20 | 100 | -70 | 297.00 |
| SYN-24-0783 | 507,459.08 | 5,620,260.75 | 536.12 | 100 | -65 | 357.00 |
| SYN-24-0784 | 507,501.83 | 5,620,223.04 | 507.40 | 100 | -65 | 273.00 |
| SYN-24-0785 | 507,470.73 | 5,620,191.26 | 514.99 | 130 | -65 | 342.00 |
| SYN-24-0786 | 507,462.09 | 5,620,158.74 | 513.92 | 129 | -66 | 339.00 |
| SYN-24-0787 | 507,412.48 | 5,620,128.53 | 520.89 | 131 | -66 | 378.00 |
| SYN-24-0798 | 507,766.68 | 5,620,148.89 | 478.29 | 100 | -50 | 300.00 |
| SYN-24-0799 | 507,748.57 | 5,620,382.16 | 497.41 | 100 | -65 | 249.00 |
| SYN-24-0807 | 507,569.91 | 5,620,045.98 | 483.30 | 131 | -67 | 192.00 |

Inter Area

| Drillhole | East (m) | North (m) | Elevation (m) | Azimuth | Dip Degrees | End of Hole (m) |
|---|---|---|---|---|---|---|
| SYN-24-0808 | 507,394.64 | 5,620,256.22 | 543.03 | 100 | -74 | 336.00 |
| SYN-24-0809 | 507,573.96 | 5,620,132.80 | 478.60 | 122 | -52 | 336.00 |
| SYN-24-0813 | 507,406.29 | 5,620,210.91 | 531.65 | 130 | -66 | 375.00 |
| SYN-24-0814 | 507,733.16 | 5,620,105.06 | 485.39 | 100 | -64 | 297.00 |
| SYN-24-0828 | 507,746.86 | 5,620,062.42 | 494.23 | 100 | -50 | 333.00 |
| SYN-24-0838 | 507,746.70 | 5,620,048.90 | 492.52 | 150 | -50 | 393.00 |
| SYN-24-0839 | 507,747.21 | 5,620,049.24 | 492.80 | 133 | -50 | 351.00 |
| SYN-24-0840 | 507,748.22 | 5,620,049.17 | 492.78 | 115 | -53 | 375.00 |
| SYN-24-0841 | 507,746.27 | 5,620,062.50 | 494.24 | 100 | -62 | 300.00 |
| SYN-24-0842 | 507,745.76 | 5,620,062.59 | 494.29 | 100 | -75 | 225.00 |
| SYN-24-0843 | 507,675.40 | 5,620,397.54 | 504.04 | 104 | -65 | 294.00 |
| SYN-24-0928 | 507,501.26 | 5,620,223.08 | 507.38 | 100 | -80 | 252.00 |
| | | | Sub-total | 38 | drillholes | 12,438.90 |

Moleon Area

| Drillhole | East (m) | North (m) | Elevation (m) | Azimuth | Dip Degrees | End of Hole (m) |
|---|---|---|---|---|---|---|
| SYN-24-0712 | 507,817.01 | 5,620,323.81 | 493.95 | 100 | -50 | 338.65 |
| SYN-24-0713 | 508,041.50 | 5,620,485.82 | 473.29 | 101 | -50 | 207.00 |
| SYN-24-0714 | 508,034.98 | 5,620,438.75 | 480.19 | 104 | -49 | 171.00 |
| SYN-24-0720 | 507,979.12 | 5,620,078.81 | 490.05 | 91 | -50 | 252.00 |
| SYN-24-0721 | 507,995.45 | 5,620,101.61 | 491.97 | 90 | -50 | 285.00 |
| SYN-24-0722 | 508,002.83 | 5,620,153.12 | 489.92 | 90 | -48 | 240.00 |
| SYN-24-0723 | 508,026.86 | 5,620,184.36 | 492.12 | 90 | -55 | 222.00 |
| SYN-24-0725 | 507,936.89 | 5,620,299.58 | 491.46 | 100 | -50 | 300.00 |
| SYN-24-0726 | 508,013.45 | 5,620,310.96 | 498.23 | 100 | -50 | 288.00 |
| SYN-24-0727 | 508,063.93 | 5,620,278.33 | 494.43 | 100 | -50 | 225.00 |
| SYN-24-0728 | 508,135.50 | 5,620,271.66 | 489.19 | 100 | -53 | 149.50 |
| SYN-24-0763 | 507,882.34 | 5,620,299.11 | 474.92 | 100 | -50 | 300.00 |
| SYN-24-0844 | 507,864.03 | 5,620,035.45 | 486.42 | 75 | -55 | 249.00 |
| SYN-24-0848 | 507,952.09 | 5,620,003.18 | 498.33 | 90 | -50 | 246.00 |
| SYN-24-0849 | 508,072.93 | 5,620,011.04 | 494.12 | 89 | -51 | 150.00 |
| SYN-24-0851 | 508,060.02 | 5,620,783.59 | 468.55 | 102 | -51 | 252.00 |
| | | | Sub-total | 16 | drillholes | 3,875.15 |
| | | | Total | 99 | drillholes | 28,513.95 |

*Notes: The coordinates are in metres in UTM NAD83 Zone 18 and elevation are above sea level.*

# APPENDIX A – JORC TABLES

JORC Code, 2012 Edition – Table 1

Section 1: Sampling Techniques and Data

| 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. | Sampling at the Moblan Lithium Project (the 'Project') is adequate, of good quality and comes from core drilling. Core samples are obtained from diamond drilling (NQ and HQ diameter core).<br>New results from this release were from NQ and BTW core diameter. |
| | Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. | Geological logging of recovered drill core visually identified pegmatite and its constituent mineralogy to determine the intervals for sampling. Lithium-bearing spodumene is easily identified. Sampling has been determined on geological characteristics and ranges from between 0.25 m and 1.6 m in length. The core was cut using a diamond saw core-cutter, and half-cores were sampled. All pegmatite material intersected downhole has been sampled. |
| | 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. | Sample preparation and assaying methods are industry-standard and appropriate for this type of mineralisation. The Project is supported by core samples taken by diamond drilling (no other sampling methods were used). |

| | | |
|---|---|---|
| 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.). | Drilling from surface was carried out by diamond drilling methods, using a standard tube to recover NQ and HQ size core (no other drilling methods were used). The core was not orientated. Downhole drill azimuth and dip have been determined by TN-14 azimuth aligner and downhole Reflex Gyro multi- and single-shot recording instruments; Flexit multi-shot; and Tropari and acid test for the remaining historical drill holes. |
| Drill sample recovery | Method of recording and assessing core and chip sample recoveries and results assessed. | Drilling was directly into the hard (fresh) rock, starting at the surface, and core recovery approximates 100%. the core has been marked up, and the core recovery and RQD. |
| | Measures taken to maximise sample recovery and ensure representative nature of the samples. | To ensure the representative nature of the samples drilling has been by diamond drill core methods, measurements have been recorded. Core recoveries were typically high and considered acceptable, and it is not believed a bias has been introduced into the sampling system. |
| | 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. | There is no correlation or bias between the grades obtained and core recovery. |
| 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. | All drill core has been geologically logged to a level of detail appropriate for the Project. Geological logging, RQD measurements and structural information have been completed. The logging is qualitative and is supported by photography of marked-up core. The logging was appropriate and of sufficient quality and level of detail to support the mineral resource estimation and mining and metallurgical studies. |
| | Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. | Geological logging recorded qualitative descriptions of lithology, alteration, mineralisation, veining, and structure. Logging also includes core recovery and RQD measurements. |
| | The total length and percentage of the relevant intersections logged. | The 2024 Moblan Mineral Resource Estimate ('2024 MRE') is supported by 771 surface drillholes for 130,633m drilled between 2002 and the end 2023 and by surface channel samples (samples collected from 10 surface trenches) with database close-out date of April 2nd, 2024 (ASX announcement 27 August 2024).<br>Several results have been published since the 2024 MRE. In 2024, new release covers the results of 94 new drillholes totalling 20,735.75m (ASX announcement 26 May 2024), in June 2024, 34 new drillholes (7,853m) were released (ASX announcement June 13th, 2024) and in January 2025, 57 new drillholes (13,999m) (ASX announcement January 30th , 2025.<br>This release covers the results of 99 new drillholes totalling 28,513.95m.<br>The completed and released drill holes for the Project currently amount to 870 drillholes (159,146.95m). The sample database has been established in UTM coordinates (NAD 83 Zone 18). |

| | | |
|---|---|---|
| Sub-sampling techniques and sample preparation | If core, whether cut or sawn and whether quarter, half or all core taken. | Drill core has been cut in half by a diamond saw, with half-core samples packaged and grouped into bulk bags for dispatch to the laboratory.<br>Half-core sampling is considered an appropriate method to ensure a sufficient quantity of sample is collected for it to be representative of the drill material and appropriate for the grain size of the material being sampled. |
| | If non-core, whether riffled, tube sampled, rotary split, etc., and whether sampled wet or dry. | There was no sampling method other than diamond drilling (core drilling). |
| | For all sample types, the nature, quality and appropriateness of the sample preparation technique. | Sampling, sample preparation and quality control protocols are considered appropriate for the material being sampled.<br>Since 2011, sample preparation has been conducted in independent accredited laboratories (SGS laboratories in Toronto, Ontario (Canada) and ALS and AGAT laboratories in Val-d'Or, Québec (Canada)).<br>AGAT: each core sample is dried and weighed, and the entire sample is crushed to 75% passing 2 mm. A split of up to 250 g is taken using a riffle splitter and pulverised to better than 85% passing 75 µm.<br>ALS: each core sample is dried and weighed, and the entire sample is crushed to 70% passing 2 mm. A split of up to 250 g is taken using a riffle splitter and pulverised to better than 85% passing 75 µm. |
| | Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. | The core samples have been selected by visual logging methods and are considered appropriate for the analytical work being carried out in an industry-standard manner. |
| | 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. | The remaining half-cores, crushed samples (rejects) and pulverised samples (pulps) are retained for further analysis and quality control checks. |
| | Whether sample sizes are appropriate to the grain size of the material being sampled. | Sample sizes are considered appropriate for the style of mineralisation. |
| 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. | All samples were analysed at independent accredited laboratories (SGS laboratories in Toronto, Ontario (Canada), and ALS and AGAT laboratories in Val-d'Or, Québec (Canada)).<br>All the 2007–2010 samples were analysed by SGS in Toronto by Sodium Peroxide Fusion and ICP-MS finish using a 0.2 g aliquot of pulverised material.<br>In 2022–2025, all core samples were analysed at ALS by ME-MS589L Sodium Peroxide Fusion and ICP-MS finish using a 0.2 g aliquot of pulverised material. Previous operators and Sayona have regularly inserted third-party reference control samples and blank samples in the sample stream to monitor assay and laboratory performance. Assaying was completed by ALS Laboratories.<br>It is believed that the sampling, assaying and laboratory procedures are representative of the drilled material and appropriate for the Project. |

| | | |
|---|---|---|
| | 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. | There was no sampling method other than diamond drilling. No geophysical tools or XRF instruments have been used in determining mineralisation. |
| | 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. | QA/QC was ensured by the insertion of Certified Reference Material ('CRM'), half-core duplicate sampling, and the insertion of blanks into the sample sequence. Protocols include the systematic insertion of CRM standards at approximately 1 for every 25 samples and alternating blank samples of quartz and core duplicate samples at a rate of 1 for every 25 samples in previous operator programmes (SOQUEM). Since June 2022, Sayona's protocols have switched to 1 control sample for every 20 samples.<br>The CRMs used for monitoring lithium values are OREAS 750, OREAS 751, OREAS 752, OREAS 753 and OREAS 999. Occasionally, a CRM for Zn (OREAS 630B) has been used to validate other metals. These standards have been selected to reflect the target mineralisation type. Assays of quality control samples were compared with reference samples in the database and verified as acceptable prior to using the data from the analysed batches.<br>The assaying techniques and quality control protocols used are considered appropriate for the data to be reported in its current form and for the estimation of mineral resources. |
| **Verification of sampling and assaying** | The verification of significant intersections by either independent or alternative company personnel. | Sampling intervals defined by the geologist were assigned sample identification numbers prior to core cutting.<br>The results have been reviewed by multiple geologists. The company conducts internal data verification protocols, which have been followed. Significant intersections were verified by company personnel and CPs.<br>There are no currently known drilling, sampling, recovery, or other factors that could materially affect the accuracy or reliability of the data. |
| | The use of twinned holes. | No twinned holes have been drilled. |
| | Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. | All sampling and assay information were stored in a secure GeoticLog database with restricted access.<br>Assay results from the laboratory with corresponding sample identification are loaded directly into the GeoticLog database. |
| | Discuss any adjustment to assay data. | Li% has been converted to $Li_2O$% for reporting purposes. The conversion used is $Li_2O$ = Li x 2.1527. No other adjustments to the assay data have been made. |
| **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. | The drilling collars are positioned using handheld GPS and then professionally surveyed after completion. The professional survey firms of Paul Roy, Arpenteur-Géomètre, and Caouette, Thériault & Renaud, both based in Chibougamau, provided a land surveyor with a GPS base station to survey the completed drill collar locations.<br>Drill rigs were aligned using an electronic azimuth aligner (TN-14 azimuth aligner). Downhole survey data were collected at 3-m intervals using Reflex EZ and Flexit instruments. Some historical drill holes were subjected to Tropari and acid tests to monitor down-hole deviations.<br>The government's LIDAR survey of the area was used to prepare a DEM/topographic model for the Project. There are no mine workings on the site. |
| | Specification of the grid systeusMed. | The grid system is UTM NAD83 Zone 18. |

| | | |
|---|---|---|
| | Quality and adequacy of topographic control. | The quality and adequacy of the topographic control and drill hole database are considered appropriate for the work undertaken, and the data is suitable for use in mineral resource estimation. |
| **Data spacing and distribution** | Data spacing for reporting of Exploration Results. | The drill hole spacing ranges from 20–65m within the mineral resource area.<br>The spacing between drill hole fences is typically around 50m apart.<br>The drilling grid is looser in areas at the exploration stage and may include isolated drill holes. |
| | Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserves estimation procedure(s) and classifications applied. | The data spacing is sufficient to establish the degree of geological and grade continuity for the exploration results, yielding Measured, Indicated and Inferred Mineral Resources within the Main dykes and Indicated and Inferred Mineral Resources within the South, Inter and Moleon dykes.<br>Significant assay intercepts remain open.<br>Further drilling is required to determine the extent of currently defined mineralisation. New drilling results obtained since the 2024 MRE database close-out date could potentially locally upgrade some resources and add new resources. |
| | Whether sample compositing has been applied. | One metre (1m) compositing is applied to samples used for the mineral resource estimation. Samples from drill holes completed after the 2024 MRE were not composited.<br>For the purposes of illustrating exploration results, lithium values for pegmatite dykes are reported as the weighted average of individual samples. |
| **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. | Drilling may intersect mineralisation at various angles but is typically orthogonal to the lithium pegmatites dykes. Some drill positions have utilised the same drill pad but with a variable dip to intersect the target mineralisation at depth. |
| | 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. | The relationship between the drilling orientation and the orientation of key mineralised structures is appropriate . Drill holes exploring the extent of the Project intersected four (4) lithium-bearing pegmatite dyke swarms: Main, South, New South and Moleon. Each corresponds to a series of stacked dykes of variable thickness separated by faults. The Main group comprises 5 dykes oriented E-W and dipping gently to the north (N260°/-20°) and two dykes oriented approximately N-S and dipping steeply to the west (N180°/-70°). The South group comprises 12 dykes oriented E-W and nearly sub-horizontal or dipping gently to the south (N260°/-10°) and one dyke oriented approximately N-S and dipping steeply to the west (N180°/-70°). The New South group comprises 12 dykes oriented E-W and nearly sub-horizontal or dipping gently to the south (N260°/-5°) and one dyke oriented approximately N-S and dipping steeply to the west (N180°/-70°). The Moleon group comprises 1 dyke oriented E-W and nearly subhorizontal or dipping gently to the south (N260°/-5°) and 9 dykes oriented N-S and dipping steeply to the west (N180°/-70°).<br>Spodumene pegmatite dykes in the area are typically tabular bodies, and the reported results appear consistent with that style of mineralisation. Drill hole orientation does not appear to have introduced a sampling bias. |
| **Sample security** | The measures taken to ensure sample security. | All reasonable measures and industry-standard sample and storage protocols have been applied.<br>Sample security is controlled by tracking samples from the drill rig through core logging, sampling, laboratory preparation and analysis, and database entry. Drill core was delivered from the drill rig to the core yard every shift. On completion of geological and geotechnical logging, Laurentia Exploration or Sayona personnel and/or their representatives finished processing the core and sent the samples to the laboratory. |

| | | |
|---|---|---|
| Audits or reviews | The results of any audits or reviews of sampling techniques and data. | Internal reviews of core handling, sample preparation and laboratory procedures were conducted on a regular basis by both Laurentia Exploration or Sayona personnel and/or by their representatives.<br>The CP for the resource estimate, Mr. Alain Carrier, P.Geo., completed an independent logging and sampling review, and conducted re-sampling of selected core intervals. The results of the CP's independent re-sampling programme are satisfactory.<br>Independent (Technominex) and internal (Sayona) CPs also conducted site visits and reviewed the application of core logging and sampling protocols and procedures.<br>During the 2024 Summer-fall campaign, sampling was conducted at Service MNG in Val-d'Or and at Services Technominex in Rouyn-Noranda. The drill core was logged and sampled by experienced geologists (Sayona/Laurentia Exploration) at the Moblan site, at the Chatillon camp. Sayona has continued the same sampling procedures as for the 2022-2023 campaign. The transportation of the core was handled by these two companies (MNG and Technominex). The cores were palletized at the site after logging and alternately transported by these two service companies. The delivery of the samples to the ALS laboratory was carried out by MNS (in Val-d'Or) and Technominex (in Rouyn-Noranda). The 2024 core storage is located at the LAN mining site in La Corne, and the storage of pulp and rejects is at the warehouse in Amos.<br>The sample preparation, security and analytical procedures are consistent with current industry standards and are appropriate and acceptable for the styles of mineralisation identified and will be appropriate for use in mineral resource estimation. There are no identified drilling, sampling or recovery factors that materially impact the adequacy and reliability of the results of the drilling programme on the Project. |

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. | Moblan is situated in the northwestern part of the Province of Québec, Canada.<br>The Moblan Property, host to the lithium mineral resources outlined in the 2024 MRE consists of 20 claims (roughly 433 ha or 4.3 $km^2$) held by Sayona Nord (60%) and Investissement Québec (40%). The Moblan Property is subject to a 1.5 to 2.5% Gross Overriding Revenue ('GOR') royalty payable to Lithium Royalty Corporation. |
| | 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. | All claims are in good standing as of March 28, 2025. Claims are currently owned 60% by Sayona Nord Inc. (101628) and 40% by Investissement Québec (19383). On 31 December 2023, SOQUEM transferred its 40% participation in Moblan Property claims to Investissement Québec. Investissement Québec is now a 40% partner in the Moblan Property (according to the document entitled "Moblan joint venture agreement deed of assignment" dated 31 December 2023. There are no impediments that have been identified for operating in the Project areas. |
| Exploration done by other parties | Acknowledgment and appraisal of exploration by other parties. | The current Properties cover and overlap many historical mining and exploration properties. The boundaries and names of those properties have evolved following changes in ownership, option agreements, or land packages as claims were abandoned or added. Exploration work has been varied (e.g., prospecting, mapping, geophysics, geochemistry, drilling, etc.) and has focused on a variety of commodities (e.g., precious metals, base metals, and, more recently, critical and strategic minerals).<br>Interest in lithium in the area began in the 1960s inside the current limits of the Moblan Property. Surface prospecting and trenching performed by Muscocho Explorations Ltd in 1963 resulted in the discovery of numerous lithium-bearing dykes. A few of the dykes had been sampled earlier and revealed high grades of lithium oxide. Twenty-eight (28) lithium-bearing pegmatite dykes have been discovered in six (6) separate areas on the Moblan Property between 1992 and 2004, during work conducted by Abitibi Lithium Corporation.<br>The current Project has been the subject of significant exploration and drilling efforts, including geophysics, geochemistry, historical studies, metallurgical testing and engineering studies. |
| Geology | Deposit type, geological setting and style of mineralisation. | The Properties host several mineral occurrences and showings. These (and other adjacent) occurrences highlight the strong potential of the area for (i) Li pegmatite deposits; (ii) Cu-Zn VMS deposits; (iii) Au orogenic quartz-carbonate veins and disseminated sulphide deposits; (iv) Ni-Cu-PGE magmatic sulphide deposits; and (v) Au-Cu porphyry systems (e.g., Troilus Gold).<br>The economic potential of the Moblan Property is for lithium mineralisation (spodumene pegmatites). Lithiumbearing pegmatites were grouped into four (4) dyke swarms: Main, South, New South and Moleon. Each corresponds to a series of stacked lithium-bearing dykes of variable thicknesses separated by faults |

| Criteria | JORC Code explanation | Commentary |
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| | | The Main group comprises 5 lithium pegmatite dykes oriented E-W and dipping gently to the north (N260°/-20°) and two dykes oriented approximately N-S and dipping steeply to the west (N180°/-70°). This swarm extends laterally E-W for approximately 1500 m and 500 m N-S. In this group, the thickest dyke has an average intercept length of 25 m.<br>The South group comprises 12 dykes oriented E-W and almost sub-horizontal or dipping gently to the south (N260°/-10°) and one dyke oriented approximately N-S and dipping steeply to the west (N180°/-70°). This swarm extends laterally E-W for approximately 1800 m and 300 m N-S. In this group, the thickest dyke has an average intercept length of 45 m.<br>The New South group comprises 12 dykes oriented E-W and dipping moderately to the north (N260°/-5°) and one dyke oriented approximately N-S and dipping steeply to the west (N180°/-70°). This swarm extends laterally E-W for approximately 1800 m and 300 m N-S. In this group, the thickest dyke has an average intercept length of 29 m.<br>The Moleon group comprises 1 dyke oriented E-W and nearly sub-horizontal or dipping gently to the south (N260°/-5°) and 9 dykes oriented N-S and dipping steeply to the west (N180°/-70°). This swarm extends laterally N-S for approximately 750 m and 250 m E-W. In this group, the thickest dyke has an average intercept length of 26 m. |
| 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:<br>• easting and northing of the drill hole collar<br>• elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole<br>• collar dip and azimuth of the hole<br>• down hole length and interception depth<br>• hole length.<br><br>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. | Refer to previous exploration releases for the drill hole information of the previously reported intercepts (ASX announcements of 26 April 2022; 27 June 2022; 17 April 2023, 11 July 2023, 22 October 2023, 27 May 2024, 13 June 2024, 27 August 2024 and 30 January 2025).<br>Material information on the Project's drill holes is illustrated on the figures (plan views, sections, results tables) in ASX Announcements of April, July and October 2023, and in May, June, and August 2024, and 30 January 2025.<br>The coordinates in the figures and the tables are in metres (UTM NAD83 Zone 18), and the elevation is in metres above sea level.<br>The selection of the most significant drill hole intercepts was based on high metal factors (%$Li_2O$ content x length in metres) for intervals in spodumene pegmatite dykes. In ASX Announcements of April, July and October 2023, of May and June 2024 and of January 2025, the table includes collar dip and azimuth of the hole, down hole length, interception depth, and hole length.<br>Depending on the azimuths and plunges of the selected boreholes, the drilled lengths are apparent and do not reflect true thicknesses.<br>The CPs were provided with all necessary detailed drill hole information to complete the 2024 MRE and 2024 DFS.<br><br>The Project is at an advanced stage of exploration, with a reported mineral resource, ongoing engineering studies, and a substantial database of 870 drillholes (159,146.95m). All the details are therefore not presented in table form.<br>Drilling resumed on the Project after the publication of the 2024 MRE and while engineering studies on the Project were still being carried out. The new 2024 drilling results are not included in the 2024 MRE. The CPs do not believe that their omission will materially affect the 2024 MRE. The new drilling results will have an influence mainly on the periphery of the current resources, potentially contributing to the conversion of resources |

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| | | (upgrading) and adding new resources (ASX Announcements of July and October 2023, May, June, August 2024, and January 2025). |
| 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. | Significant assay intercepts are reported as the weighted average over total pegmatite core length.<br>$Li_2O$ grades do not show great variations (coefficient of variation of 0.85). Based on statistical analysis, no capping is required, and no capping was applied to the Project's $Li_2O$ grades.<br>Refer to previous exploration releases for the drill hole information of previously reported intercepts. |
| | 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. | Aggregation of $Li_2O$ grades to obtain the weighted average of a significant intercept is constrained within single pegmatite dykes. |
| | The assumptions used for any reporting of metal equivalent values should be clearly stated. | No metal equivalent values were used. |
| Relationship between mineralisation widths and intercept lengths | These relationships are particularly important in the reporting of Exploration Results. | The reported significant assay intervals represent apparent widths. Refer to previous exploration releases for the drill hole information of previously reported intercepts. |
| | If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. | Drilling is not always perpendicular to the dip of mineralisation, and true widths are less than downhole widths. Lithium pegmatites correspond to a series of stacked dykes of variable true thicknesses. |
| | 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'). | Pegmatite intercepts (%$Li_2O$ over m) are expressed over downhole length (not over true width). |
| 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. | Refer to the figures in previous resources and exploration releases (ASX Announcement of April, July and October 2023, and May, June and August 2024, and January 2025) for illustrations of previously reported holes and assays and for the block model results of the 2024 MRE. |

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| 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. | All assay results were used to estimate and report the 2024 MRE and for the engineering studies. |
| 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. | The reported drill results are consistent with geological observations and the mineral resource estimate as described.<br>Metallurgical testing, geomechanical, geotechnical and environmental studies, and condemnation drilling were completed for engineering purposes.<br>No other meaningful exploration data are 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).<br><br>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. | Further work includes additional drilling to outline the geometry and extent of the lithium pegmatite dyke swarms identified to date.<br>Exploration and step-out drilling is planned to extend the limits of the mineralised system and potentially discover additional pegmatite dykes.<br><br>Refer to the figures in previous exploration releases (ASX Announcements of April, July and October 2023, and May, June, August 2024 and January 2025) for illustrations of previously reported holes and assays. |