

Brunswick Exploration Drills 93.45 Meters at 1.55% Li2O at MR-6

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MONTREAL, May 08, 2024 - [Brunswick Exploration Inc.](#) (TSX-V: BRW, OTCQB: BRWXF; "BRW" or the "Company") is pleased to report more significant results from the Mirage winter drilling campaign. The Mirage Project is located in the Eeyou Istchee-James Bay region of Quebec approximately 40 kilometres south from the Trans-Taiga Road. The winter drill campaign focused on the Central Zone and has continued to intersect multiple wide well mineralized intervals on the MR-6 dyke and its vicinity where it remains open in all directions.

Highlights include:

- Best interval to date at Mirage with 1.55% Li2O over 93.45 meters in drill hole MR-24-62 starting at surface and which extends the flat dipping MR-6 dyke a further 80 meters to the south-west.
- The MR-6 dyke was also extended 135 meters to the north of MR-24-62 where BRW intersected 1.05% Li2O over 34.05 meters in drill hole MR-24-65.
- MR-6 has now been drill traced over 220 meters of strike extent with real thickness varying from 25 meters and up to 70 meters. The dyke remains open in multiple directions with the strongest potential to the northeast and southwest.
- New MR-8 dyke confirmed in the North zone with 1.27% Li2O over 18.6 meters in drill hole MR-24-43 and 1.42% Li2O over 11.5 meters in drill hole MR-24-55.
- New exploration drill hole located approximately 800 meters northeast of MR-6 intersected anomalous lithium values in drill hole MR-24-53 within a zone of dykes stacking. With this hole, BRW continues to extend the central corridor of prospective dykes towards another spodumene bearing outcrop located 3.5 kilometers to the northeast.
- A total of 26 drills holes results were received to date and 9 drills holes results style pending.

Mr. Killian Charles, President and CEO of BRW, commented: "With this latest set of results, MR-6 is rapidly becoming a top priority for [Brunswick Exploration](#) and will be the core focus of our next drill campaign. This is another very significant intercept which begins at surface and adds to the prior results which included 58 meters at 1.59% Li2O and 37 meters at 1.80% Li2O all starting from surface as well. Our understanding of the Mirage Project has grown tremendously over the last 6 months and we are extremely excited to announce our future plans for the project over the forthcoming weeks and months as we continue to see important exploration potential even outside the drill program area."

Figure 1: Surface Map of the Mirage Project and Drill Holes Completed to Date

Table 1: Highlights from 2024 Winter Drilling Program Mentioned in this Release

Hole ID	Zone	Dyke	From (m)	To (m)	Length (m)	Li2O%	Ta2O5 (ppm)
MR-24-43			9.85	28.45	18.6	1.27	81
and			83.95	86.7	2.75	0.99	101
MR-24-44B North	MR-8		14.4	31	16.6	0.95	81
MR-24-46			35.4	52	16.6	0.87	97
MR-24-48			43	61.5	18.5	0.80	93
MR-24-53			225	227.2	2.2	0.55	143
and			251	274	23	0.33	95

MR-24-54		66.55	71.35	4.8	1.10	198
MR-24-55	North	MR-8 67.6	79.1	11.5	1.42	166
MR-24-56		49.05	59	9.95	0.32	44
MR-24-62		6.35	99.8	93.45	1.55	160
MR-24-64	Central	MR-6 55.45	78.3	22.85	N/A	223
MR-24-65		44.4	78.45	34.05	1.05	125

Figure 2: Central Zone of the Mirage Project

Mirage Project Drilling Overview

The Mirage Project comprises 427 claims located roughly 40 kilometers south of the Trans-Taiga Highway in Quebec's James Bay region and 34 km northeast of Winsome Resources' Adina Project. On the project, a spodumene-bearing pegmatite boulder field extends over 3.0 kilometers in a northeast direction and several dozen well-mineralized pegmatite outcrops have been observed along a 2.5 kilometers-long trend further to the northeast. Both the extent of the outcrops and boulder train remain open in all directions (See August 21, 2023 press release).

The Central Zone sits on a synformal fold hinge axis, oriented east-northeast, where multiple wide high grade pegmatite dykes were intercepted, predominantly in MR-3 and MR-6. MR-6 is assumed to be a large, thick, sub-horizontal dyke with a higher-grade core and potential evidence of zonation to the northwest. Latest results confirm a thickening of the MR-6 dyke to the southwest in MR-24-62 where drilling intercepted 93.45 meters at 1.55% Li₂O. This new hole significantly extends MR-6 to the southwest where the dyke remains open. Moreover, BRW believes there is extensive potential to expand the MR-6 dyke to the northeast where it also remains open. The higher-grade core which appears to be generally oriented southwest-northeast was extended northwest of MR-24-62 with 34.05 meters at 1.05% Li₂O. The true thickness varying between 75% and 95% of intersected intervals. This core is defined by coarser and more prevalent spodumene mineralization and is thicker than other portions of the dyke. Interestingly, a fence of holes continued to intersect the MR-6 dyke up to 350 meters north of MR-24-62 where it remains open and the results still pending (see Figure 3). In this region, the MR-6 dyke appears to be more heterogenous with changing mineralization and highly variable spodumene concentration. MR-24-64 appears to be at the boundary of this new zone of the MR-6 dyke and outside of the high-grade core. Spodumene mineralization is observed in MR-24-66 indicating the possibility of economic grades outside of the core.

There is potential to extend MR-6 to the east where it remains open towards the MR-3 dyke. The MR-3 dyke, located 350 meters southeast of MR-6 in the Central Zone also demonstrates significant apparent thicknesses of up to 50.6 meters at 1.06% Li₂O (See December 4, 2023 press release) with a moderate dip at around 50 degrees towards the south with true thickness estimated at 95% in all reported holes. MR-3 is oriented NE and reaches the surface where it can be traced continuously for more than 400 meters with continuous thickness in excess of 40 meters.

Potential to extend Central Zone 800 meters to the east where MR-24-53 intersected the volcanic-sedimentary unit contact to test a similar geological context to the MR-4 dyke in the South Zone. The drill hole returned the result of 0.33% Li₂O over 23 meters within evidence of dyke stacking. Although this new intercepted can't be related to MR-4 dyke located 2 km to the southwest, this new drillhole confirmed to potential of the lithological contact along the project and further to the northeast.

Figure 3: Cross Sections A to A'

The North Zone is located on the north limb of the folding, where a new dyke, MR-8, was extended over 250 meters with 1.27% Li₂O over 18.6 meters in drill hole MR-24-43 and 1.42% Li₂O over 11.5 meters in drill hole MR-24-55. The dyke remains open to the southwest and to the northeast with 0.84% Li₂O over 6.5 meters in drill hole MR-24-57 (See April 25, 2024 press release). The dyke has now been drilled traced over 250 meters to date (see figure 4 and 5).

Figure 4: Surface map project of the MR-8 dyke

Figure 5: Cross Sections B to B'

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All drill core samples were collected under the supervision of BRW employees and contractors. The drill core was transported by helicopter and by truck from the drill platform to the core logging facility in Val-d'Or. Each core was then logged, photographed, tagged, and split by diamond saw before being sampled. All pegmatite intervals were sampled at approximately 1m intervals to ensure representativity. Samples were bagged; Duplicated on ¼ core splits, blanks and certified reference materials for lithium were inserted every 20 samples. Samples were bagged and groups of samples were placed in larger bags, sealed with numbered tags, in order to maintain a chain of custody. The sample bags were transported from the BRW contractor facility to the ALS laboratory in Val-d'Or. All sample preparation and analytical work was performed by ALS by ICP-AES according to the ALS method ME-MS89L. All results passed the QA/QC screening at the lab and all inserted standard and blanks returned results that were within acceptable limits. All reported drill intersections are calculated based on a lower cutoff grade of 0.3% Li₂O, with maximum internal dilution of 5 meter. Host basalts adjacent to the dykes may grade up to 0.3% Li₂O but were excluded from the reported intersections.

Qualified Person

The scientific and technical information contained in this press release has been reviewed and approved by Mr. Simon T. Hébert, VP Development. He is a Professional Geologist registered in Quebec and is a Qualified Person as defined by National Instrument 43-101.

About [Brunswick Exploration](#)

[Brunswick Exploration](#) is a Montreal-based mineral exploration company listed on the TSX-V under symbol BRW. The Company is focused on grassroots exploration for lithium in Canada, a critical metal necessary to global decarbonization and energy transition. The company is rapidly advancing the most extensive grassroots lithium property portfolio in Canada.

Investor Relations/information

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Photos accompanying this announcement are available at:

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