



WhiteRock Lithium Drills 79.3 m at 2.00% Li₂O from Surface and Concludes the 2024 Summer Campaign

Highlights:

- Discovery of three new pegmatite clusters during local mapping campaign, extending the area of known pegmatite occurrences to 2.4 km x 1.5 km and remains open in all directions.
- Core sample assay highlights from the first nine (9) drill holes of the 2024 campaign targeted the Spodumene Mountain:

Spodumene Mountain:

- **79.3 m of 2.00% Li₂O** and 134 ppm Ta₂O₅ (ZS-24-003), *including*,
 - **4.0 m of 3.45% Li₂O** and 98 ppm Ta₂O₅, *and*,
 - **4.0 m of 3.38% Li₂O** and 44 ppm Ta₂O₅, *and*,
 - **5.5 m of 3.30% Li₂O** and 107 ppm Ta₂O₅
- **64.7 m of 2.14% Li₂O** and 336 ppm Ta₂O₅ (ZS-24-006), *and*,
- **14.7 m of 2.62% Li₂O** and 266 ppm Ta₂O₅ (ZS-24-006)
- **60.7 m of 1.89% Li₂O** and 336 ppm Ta₂O₅ (ZS-24-009), *including*,
 - **11.5 m of 3.15% Li₂O** and 439 ppm Ta₂O₅, *and*,
 - **32.8 m of 2.09% Li₂O** and 282 ppm Ta₂O₅
- **11.3 m of 3.09% Li₂O** and 598 ppm Ta₂O₅ (ZS-24-009)
- 2024 drill campaign concluded totalling twenty-nine (29) NQ-size drill holes, for approximately 7870 m

November 5, 2024 – WhiteRock Lithium. (the “Company” or “Whiterock”) is pleased to announce completion of the 2024 field program and discovery of three (3) new spodumene pegmatite clusters at the Sacred Banana Property (the “Property” or the “Sacred Banana”) located in Quebec, Canada. Together with geological information collected from the inaugural drill campaign the area of known pegmatite occurrences is now extended to 2.4 km x 1.5 km and remains open in all directions. Surface sampling, logging and initial core assays result of nine (9) drill holes confirm the continuity of spodumene mineralization in shallow dipping, near surface pegmatite lobes.

Dustin Nanos President and CEO comments. *"The first core sample assays of our summer program have confirmed a very significant, sizeable high-grade lithium discovery at Spodumene Mountain, and have exceeded our most optimistic expectations. The extent of lithium mineralization at Spodumene Mountain is spectacular and remains open along strike and down dip. We look forward to the remaining results from our summer drill campaign as we continue to realize the potential of this discovery."*

The 2024 summer-fall mapping and drilling campaign has concluded, whereby three (3) additional zones of spodumene-bearing pegmatite occurrences have been discovered (Figure 1). Roloh located approximately 650 m northwest of the previously known Isabella pegmatites expands the potential of further lithium-cesium-tantalum (LCT) pegmatites to the north. The Marine Extension pegmatites extend over 400 m and were discovered in an east of the Marine pegmatite cluster. The third pegmatite cluster Michael is approximately 300 m south of Spodumene Mountain. Assays of new channel samples were collected and assays are pending.

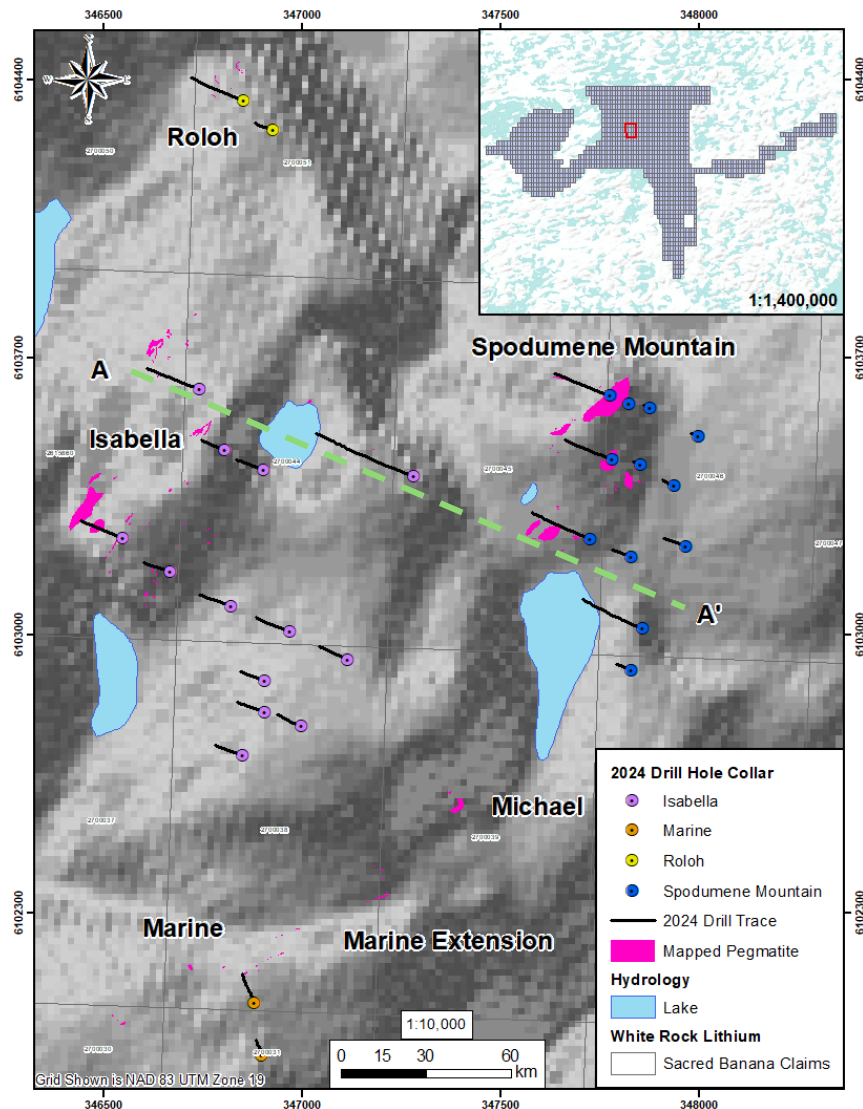


Figure 1: Map of drill hole location and cross section location from A to A'

During the inaugural drill campaign between early-June to September 2024 twenty-nine (29) NQ-size drill holes have been drilled, for approximately 7870 m. The objectives were to understand the extent of known targets, understand the geological context of the LCT pegmatite system and test the mineralization at depth, along strike and down dip. Each of the twenty-nine holes successfully intercepted LCT pegmatite dikes allowing to extend the area of known LCT pegmatites to 2.4 km x 1.5 km, remaining open in all directions. The drilling showed that pegmatites are stacked dikes or sheets that are shallow dipping (approximately 20-30 degrees) to the east (Figure 2).

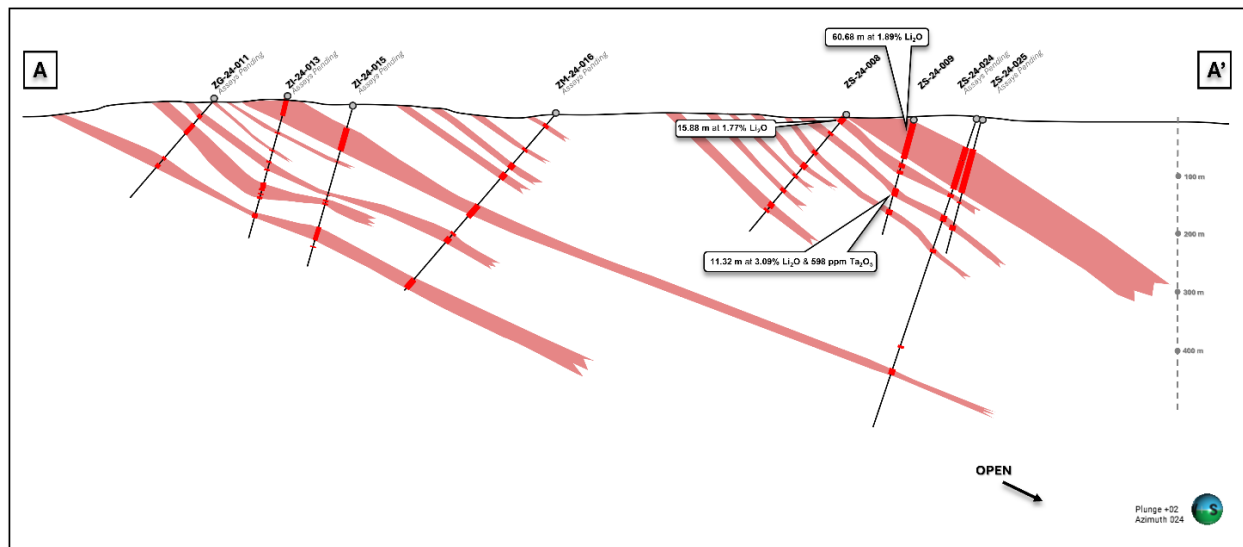


Figure 2: Cross section of interpreted pegmatite lobe intercepts from Isabella (left) to Spodumene Mountain (right).

Each of the drill holes at Spodumene Mountain intercepted multiple, subparallel LCT pegmatites which are interpreted to be dikes/sheets whereby the widest pegmatite in the first nine holes is the most upper lobe (Table 1). Hole ZS-24-009 intercepted five (5) pegmatites (only pegmatite intervals >2 m considered) of 60.7 m, 4.2 m, 3.0 m, 11.3 m and 5.2 m (Figure 1). Approximately 230 m to the north ZS-24-003 collared in pegmatite and intercepted 79.3 m and three additional pegmatite intercepts of 12 m, 2.1 m and 22.3 m width further down hole showing that pegmatite dikes feather out locally and can join into larger sheet systems that appear to thickening towards the east.

Coarse-grained spodumene was visually identified in each of the drill holes and appears dominantly white to pink and free of inclusion consistent with information previously announced from surface work (see shareholder update [19 January 2024](#)). Visually only feldspar and quartz have been identified as major other minerals in the LCT pegmatites with local tourmaline, phosphates and muscovite as trace to minor accessory minerals.

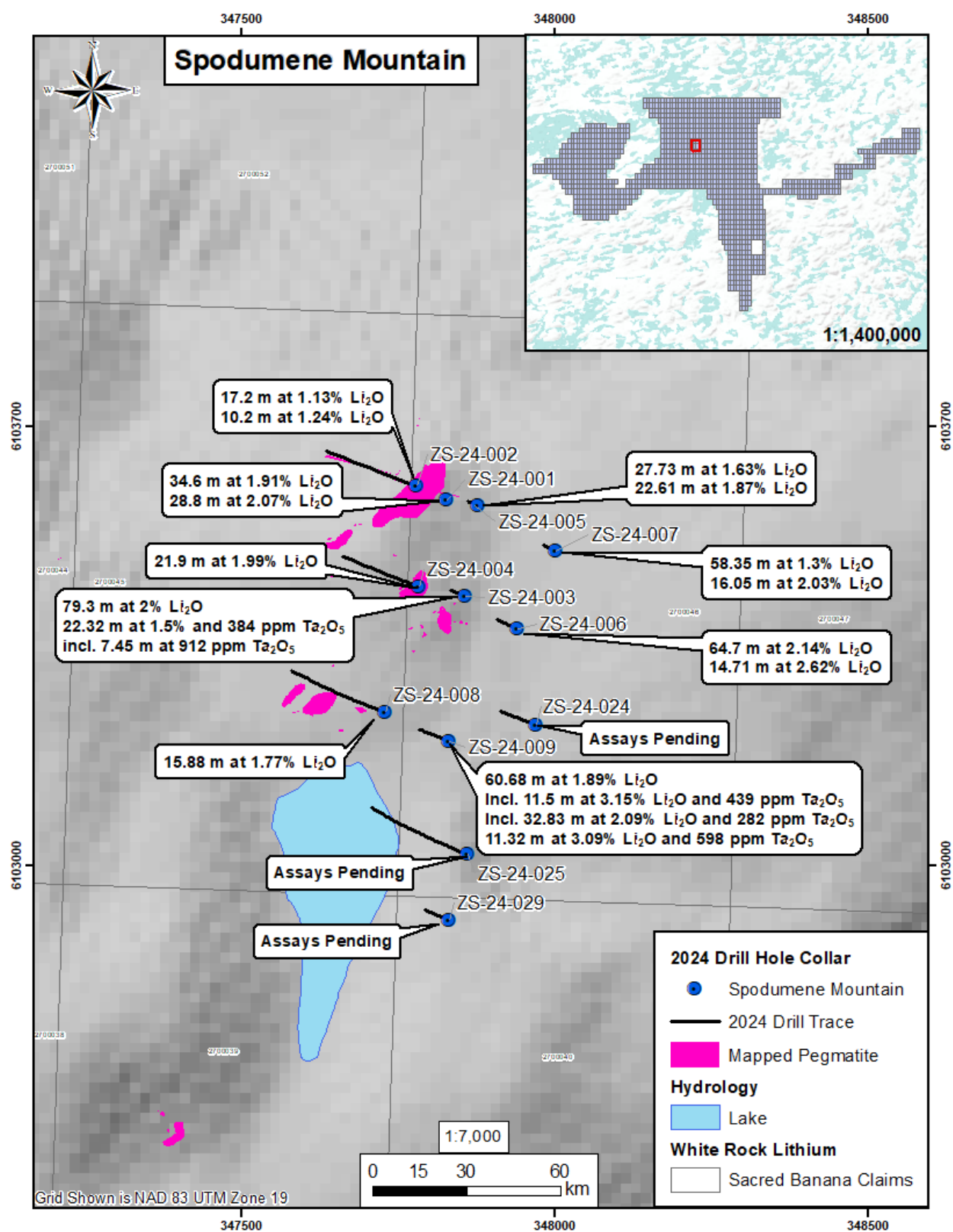


Figure 3: Selected assay highlights of the drillholes reported herein

Table 1: Core sample assays for drill holes reported herein

Target Area	Hole ID	From (m)	To (m)	Interval (m)	Li ₂ O (%)	Ta ₂ O ₅ (ppm)	Comment	
Spodumene Mountain	ZS-24-001	2.8	37.4	34.6	1.91	166	<i>Collared in pegmatite</i>	
	<i>including</i>	2.8	9.1	6.3	3.15	83		
	<i>including</i>	19.9	29.0	9.1	2.62	142		
		41.4	70.2	28.8	2.07	113		
		80.4	90.9	10.5 ⁽²⁾	1.73	78		
	<i>including</i>	80.4	85.0	4.6	2.91	80		
	ZS-24-002	1.8	19.0	17.2	1.13	107	<i>Collared in pegmatite</i>	
		34.7	41.4	6.7	1.27	125		
		95.3	105.5	10.2	1.24	222		
	<i>including</i>	95.3	99.3	4.0	2.27	272		
	ZS-24-003	1.7	81.0	79.3⁽²⁾	2.00	149	<i>Collared in pegmatite</i>	
	<i>including</i>	6.0	10.0	4.0	3.45	98		
	<i>including</i>	15.0	19.0	4.0	3.38	44		
	<i>including</i>	65.0	70.5	5.5	3.30	107		
		103.9	115.9	12.0	1.77	191		
	<i>including</i>	107.6	113.0	5.4	3.01	255		
		147.4	149.5	2.1	2.48	392		
		226.0	248.3	22.3	1.50	384		
	<i>including</i>	237.6	245.0	7.4	2.76	912		
	ZS-24-004	2.4	24.3	21.9	1.99	158	<i>Collared in pegmatite</i>	
		38.8	43.3	4.5	0.32	128		
		51.2	56.2	5.0	1.17	172		
		81.9	91.0	9.1	0.70	433		
	ZS-24-005	6.4	34.1	27.7	1.63	95		
		51.7	74.3	22.6⁽²⁾	1.87	172		
	ZS-24-006	43.2	107.9	64.7	2.14	336		
		120.1	134.8	14.7	2.62	109		
		141.7	144.7	2.9	1.60	133		
		148.9	151.6	2.7	0.72	140		
		277.9	290.9	13.0 ⁽²⁾	0.16	97		
	ZS-24-007	93.7	152.0	58.4	1.30	354		
		161.0	177.0	16.1	2.03	91		
		183.0	190.0	7.0	2.43	114		
		195.4	201.5	6.1	1.49	65		
	ZS-24-008	2.7	18.6	15.9	1.77	130	<i>Collared in pegmatite</i>	
		83.6	87.4	3.8	1.56	211		
		109.5	118.0	8.5	2.37	927		
		166.2	169.2	3.0	0.68	288		
		199.4	202.4	3.0	0.08	91		
	ZS-24-009	8.0	68.7	60.7	1.89	266		
	<i>including</i>	17.5	29.0	11.5	3.15	439		
	<i>including</i>	34.7	67.5	32.8	2.09	282		
		81.0	85.2	4.2	2.11	273		
		92.0	95.0	3.0	0.59	217		
		122.6	133.9	11.3	3.09	598		
		159.7	164.9	5.2	0.40	504		
	(1) All intervals reported are core length; (2) Includes minor intervals of non-pegmatite (wallrock units, typically <3 m)							

Drill holes at Isabella, Marine, and Roloh confirmed the geological interpretation observed at Spodumene Mountain extends to LCT pegmatites outcropping west of it. Multiple larger, subparallel LCT pegmatite sheets were intersected, whereby spodumene was visually identified as the major Li-bearing mineral. Other than spodumene the identified mineralogy is simple with the majority of non-Li bearing minerals being feldspar and quartz, the lack of muscovite is notable. Visually identified accessory minerals in trace to minor amounts are tourmaline, phosphates, and beryl. Assays for 22 of 29 holes are pending.

Table 2: Drill hole locations and attributes are presented

Hole ID	Target Area	Easting (m)	Northing (m)	Elevation (m)	Azimuth (deg)	Dip (deg)	Hole Depth (m)	Comments	
ZS-24-001	Spodumene Mountain	347826	6103583	539	290	-85	144.0	Reported in this news release	
ZS-24-002		347778	6103604	539	290	-50	234.0		
ZS-24-003		347856	6103429	532	290	-85	342.0		
ZS-24-004		347783	6103444	547	290	-50	207.0		
ZS-24-005		347877	6103574	530	290	-85	279.0		
ZS-24-006		347940	6103377	529	290	-85	330.0		
ZS-24-007		348000	6103502	529	290	-85	246.0		
ZS-24-008		347729	6103243	532	290	-50	257.0		
ZS-24-009		347831	6103198	531	290	-75	204.0		
ZS-24-024		347969	6103224	529	290	-75	240.4		Assays Pending
ZS-24-025	347859	6103018	537	290	-75	541.0			
ZS-24-029	347831	6102912	542	290	-75	168.0			
ZG-24-011	Isabella	346744	6103620	225	290	-50	225.0	Assays Pending	
ZI-24-010		346550	6103245	183	290	-50	183.0		
ZI-24-012		346669	6103160	286	290	-75	285.6		
ZI-24-013		346808	6103467	252	290	-75	252.0		
ZI-24-014		346823	6103074	330	290	-75	330.0		
ZI-24-015		346904	6103417	282	290	-75	282.0		
ZI-24-017		346970	6103009	321	290	-75	321.0		
ZI-24-020		346907	6102885	276	290	-75	276.0		
ZI-24-021		346907	6102805	279	290	-75	279.0		
ZI-24-022		346852	6102696	288	290	-75	287.6		
ZI-24-023		347000	6102770	268	290	-75	268.1		
ZI-24-028		347117	6102939	314	290	-75	314.0		
ZM-24-016		347282	6103401	414	290	-50	414.0		
ZMo-24-026	Marine	346881	6102072	335	335	-75	335.0	Assays Pending	
ZMo-24-027		346900	6101940	174	335	-75	173.6		
ZR-24-018	Roloh	346855	6104348	225	290	-50	225.0		
ZR-24-019		346929	6104273	228	290	-75	228.0		
(1) Coordinates are in UTM NAD83, Zone 19N									
(2) All holes are NQ-size diamond drill core									
(3) Azimuth and dip reported are approximate planned and will deviate down-hole									

Quality assurance and quality control (QA/QC)

A Quality Assurance / Quality Control protocol following industry best practices was incorporated into the program and included systematic insertion of quartz blanks and certified reference materials into sample batches at a rate of approximately 5%.

All core samples collected were shipped to SGS Canada's laboratory in Radisson, QC, for sample preparation. The pulps were shipped by air to SGS Canada's laboratory in Burnaby, BC, where the samples were homogenized and subsequently analyzed for multi-element (including Li and Ta) using sodium peroxide fusion with ICP-AES/MS finish (codes GE_ICP91A50 and GE_IMS91A50).

Qualified Person

Patrik T. Schmidt, MSc, PGeo, Dahrouge Geological Consulting Ltd., a permit holder with the Ordre des Geologues du Quebec and qualified person as defined by NI 43-101, supervised the preparation of the technical information in this news release.

About WhiteRock Lithium

WhiteRock Lithium is a privately held critical minerals exploration and development company based out of Calgary, Alberta. The Company is focused on exploration for lithium in Canada and on rapidly advancing its flagship Sacred Banana lithium project. The Company currently holds over 100,000 hectares of highly prospective lithium exploration claims in Quebec.

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