



## Recent Drilling at TLC Significantly Expands Higher Grade, Near Surface Lithium Mineralization

**VANCOUVER, BRITISH COLUMBIA, December 8, 2023** – American Lithium Corp. (“American Lithium” or the “Company”) (TSX-V:[LI](#) | Nasdaq:[AMLI](#) | Frankfurt:[5LA1](#)) is pleased to announce results from 14 step out drill holes expanding the measured resource footprint at the Tonopah Lithium Project (“TLC”), located near the town of Tonopah, in Nevada. A total of 26 diamond core holes and 16 Reverse Circulation (“RC”) holes drilled in 2022 and 2023 will be added to the updated mineral resource block model and incorporated into an updated Mineral Resource Estimate (“MRE”) on TLC.

The Company also announces it has commenced early work which will be used to support mine permitting applications following the completion of the pre-feasibility and associated study in H2, 2024. It has appointed SRK Consulting (U.S.) Inc. of Elko, Nevada to coordinate the preparation of a mine plan of Operations with the BLM. Additionally, the Company has selected Nexus Environmental Consultants Inc. of Reno, Nevada to perform biological baseline studies in support of the Mine Plan of Operations application.

### **TLC Drilling Highlights**

- Post-resource drilling demonstrates continued expansion of TLC lithium deposit and continuity with significant intervals of claystone Lithium (“Li”) mineralization >1,000 ppm Li at shallow depths;
- Extension of measured resource footprint in all directions (see Figure 1);
- **73.1 metres (“m”) averaging 1,148 ppm Li** in TLC-2222C between 17.1-90.2 m downhole with up to 1,843 ppm Li over 1.5 m;
- **81.4 m averaging 1,135 ppm Li** in TLC-2321C between 27.1-108.5 m downhole with up to 2,127 ppm Li over 1.5 m;
- **80.8 m averaging 1,090 ppm Li** in TLC-2242 between 3.0-83.8 m downhole with up to 2,008 ppm Li over 1.5 m; (see Tables of Select Diamond and RC Drill Hole Results);
- Identification of additional shallow, high-grade lithium mineralization to the northeast should grow the MRE and positively impact project economics;
- Drill results will further refine the pre-feasibility study mine plan; and
- Data from all additional 42 drill holes has been sent to Stantec Consulting Inc. and will be incorporated into an updated MRE for the TLC Project.

**Simon Clarke, CEO of American Lithium, states,** “We continue to make excellent progress at TLC. Drill results from the remainder of our 2022 program and our expansion drilling in 2023 should add significantly to the very large existing Measured & Indicated Resource. In addition, the thick, shallow higher-grade sections added should further enhance robust project economics and will be reflected in an updated TLC mine plan in the PFS. Our confidence in the Project continues to grow and we have now launched work with SRK and Nexus which will feed into and help us fast-track the mine permitting process following completion of the PFS is in 2024.”

## **TLC Select Drill Hole - Details**

### *RC drill holes:*

- TLC-2240, 2241 and 2242 as well as diamond drill holes TLC-2318C, 2320C, 2321C and 2333C were all drilled to the north of the existing Measured Resource footprint and extend the shallow, high grade lithium mineralization approximately 850 m to the north. TLC-2333C marks the northernmost mineralized hole with > 1,000 ppm Li intersected over appreciable thicknesses.

### *Diamond drill holes:*

- TLC-2222C was drilled in the west central resource area and essentially fills in a historic gap in the resource from 2000 era drilling that was not drilled deep enough.
- TLC-2228C was drilled in the central northwestern area to fill in a statistical gap in the Measured resource footprint.
- TLC-2320C and 2221C were drilled to in-fill an existing gap in Measured Resource footprint in the south-central resource area.
- TLC-2218C and 2219C were drilled along the southeastern edge of the Measured resource footprint to extend and confirm lithium mineralization.
- TLC-2213C was drilled on the eastern side of the project area, and extends the mineralized footprint with lower grade, but above cut-off grade Li mineralization marking the east central limit of the TLC Deposit high-grade footprint.

**Link 1 – [PDF Figures](#)**

**Link 2 – [PDF Drill Hole Table](#)**

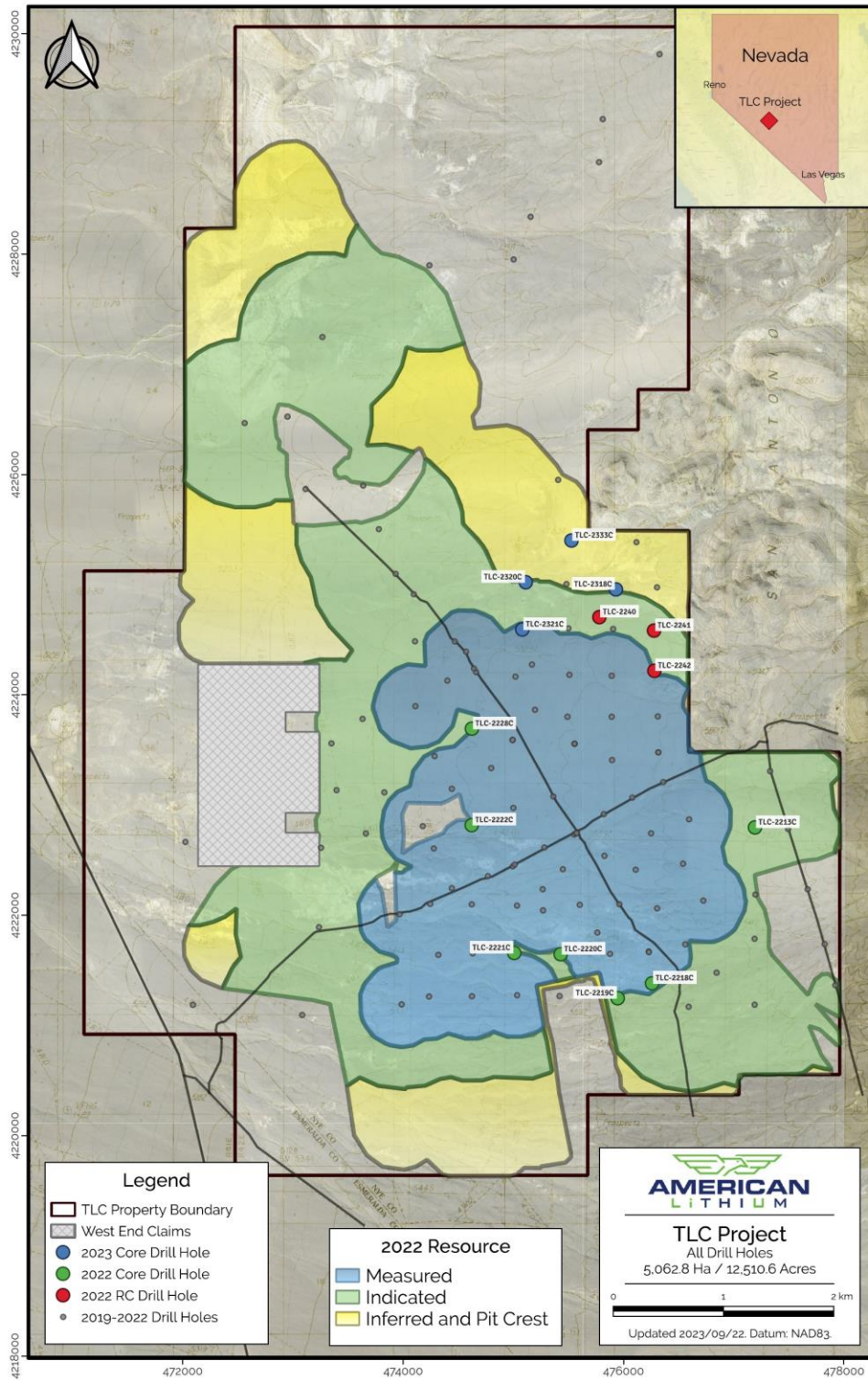


Figure 1 – TLC Project Drill Hole Location Map – Select Holes with Mineral Resource Estimate Footprint

### Tables of Select Diamond and RC Drill Hole Results

TLC-2240 – vertical RC 520' total depth	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	25	195	170	7.6	59.4	51.8	1027
<i>including</i>	30	145	115	9.1	44.2	35.1	1173

<b>Maximum</b>	75	80	5				1871
<b>TLC-2241– vertical RC 370’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	40	210	170	12.2	64.0	51.8	1080
<i>including</i>	40	160	120	12.2	48.8	36.6	1190
<b>Maximum</b>	95	100					1915
<b>TLC-2242 – vertical RC 370’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	10	275	265	3.0	83.8	80.8	1090
<i>including</i>	140	260	120	42.7	79.3	36.6	1286
<b>Maximum</b>	145	150	5				2008
<b>TLC-2318C – vertical Diamond 317’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	23	170	147	7.0	51.8	44.8	1007
<i>including</i>	48	135	87	14.6	41.1	26.5	1255
<b>Maximum</b>	72	75	3				2063
<b>TLC-2320C – vertical Diamond 608’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	240	328	88	73.2	100.0	26.8	921
<i>including</i>	293	328	35	89.3	100.0	10.7	1163
<b>Maximum</b>	303	308	5				1590
<b>TLC-2321C vertical Diamond 453’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	89	356	267	27.1	108.5	81.4	1135
<i>including</i>	143	341	198	43.6	103.9	60.3	1268
<b>Maximum</b>	253	258	5				2177
<b>TLC-2333C – vertical Diamond 316’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	5	126	121	1.5	38.4	36.9	774
<i>including</i>	86	126	40	26.2	38.4	12.2	1184
<b>Maximum</b>	106	111	5				1532

<b>TLC-2228C – vertical Diamond 418’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	22	82	60	6.7	25.0	18.3	961

	172	392	220	52.4	119.5	67.1	1422
<b>Maximum</b>	317	322	5				2266
<b>TLC-2222C – vertical Diamond 316’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	56	296	240	17.1	90.2	73.1	1148
<i>including</i>	116	296	180	35.3	90.2	54.9	1311
<b>Maximum</b>	266	271	5				1981
<b>TLC-2220C – vertical Diamond 315’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	18	98	80				997
<b>Maximum</b>	88	93	5				1650
<b>TLC-2221C – vertical Diamond 504’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	373	489	116				1014
<i>including</i>	413	489	76				1262
<b>Maximum</b>	478	483	5				1843
<b>TLC-2218C – vertical Diamond 317’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	226	308	82				924
<i>including</i>	276	283	57				1022
<b>Maximum</b>	226	232	6				1239
<b>TLC-2219C – vertical Diamond 340’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	73	258	185				890
<i>including</i>	148	218	70				1191
<b>Maximum</b>	153	158	5				1380
<b>TLC-2213C – vertical Diamond 303’ total depth</b>	From (feet)	To (feet)	Thickness (feet)	From (m)	To (m)	Thickness (m)	Li (ppm)
	112	222	110				847
<b>Maximum</b>	217	222	5				1088

### **Quality Assurance, Quality Control and Data Verification**

2022 Diamond drilling was conducted by First Drilling of Montrose, Colorado, and 2023 diamond drilling was completed by IG Drilling of Spanish Fork, Utah using large diameter, PQ-size and HQ-size drilling entirely vertical holes. Drill core samples are nominally 5-foot (1.53 m) and are cut longitudinally, and one half is cut a second time longitudinally with a diamond saw with one-quarter of the core placed in sealed bags and shipped to analytical laboratories.

RC drilling is being conducted by Harris Exploration Drilling and Associates Inc., of Fallon, Nevada with 5.5-inch diameter face centred bit on vertical drill holes. Sampling was conducted using a riffle splitter or a cyclone splitter depending on the moisture content of the sampled material. Sampling was conducted over 5-foot (1.52m) intervals with individual samples placed in sealed bags and transported to the respective analytical labs.

Samples were shipped to either American Assay Laboratories (AAL) in Sparks, Nevada for sample preparation, processing using 5-acid digest and ICP-MS multi-element analysis. Pulps and rejects are returned and retained by the Company. AAL is an ISO 9000 certified assay laboratory. The QA/QC program includes a comprehensive analytical quality assurance and control routine comprising the systematic use of Company inserted standards, blanks and field duplicate samples, internal laboratory standards and has also included check analyses at other accredited laboratories. Downhole thicknesses for vertical drill holes are considered accurate true thickness intersections for the essentially flat-lying, to gently dipping TLC host stratigraphy.

### **Qualified Person**

Mr. Ted O'Connor, P.Geo., Executive Vice President of American Lithium, and a Qualified Person as defined by National Instrument 43-101 *Standards of Disclosure for Mineral Projects*, has reviewed and approved the scientific and technical information contained in this news release.

### **About American Lithium**

American Lithium is actively engaged in the development of large-scale lithium projects within mining-friendly jurisdictions throughout the Americas. The Company is currently focused on enabling the shift to the new energy paradigm through the continued development of its strategically located TLC lithium project ("TLC") in the richly mineralized Esmeralda lithium district in Nevada, as well as continuing to advance its Falchani lithium ("Falchani") and Macusani uranium ("Macusani") development-stage projects in southeastern Peru. All three projects, TLC, Falchani and Macusani have been through robust preliminary economic assessments, exhibit strong significant expansion potential and enjoy strong community support. Pre-feasibility is advancing well TLC and Falchani.

For more information, please contact the Company at [info@americanlithiumcorp.com](mailto:info@americanlithiumcorp.com) or visit our website at [www.americanlithiumcorp.com](http://www.americanlithiumcorp.com)

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### **On behalf of the Board of Directors of American Lithium Corp.**

"Simon Clarke"  
CEO & Director  
Tel: 604 428 6128

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