

American Lithium reports low Magnesium grades in Lithium enriched surface brines in the Fish Lake Valley North Playa

- Further testing of Lithium enriched near surface brines demonstrates low Magnesium content.
- Inverse relationship Lithium to Magnesium
- Near surface sampling is continuing as American Lithium works to define the distribution of Lithium enriched brines and clays on the North Playa, Fish Lake Valley.

VANCOUVER, Oct. 21, 2016 /CNW/ - **American Lithium Corp. (TSXV: Li)** (OTCQB: LiACF) (Frankfurt: 5LA; WKN: A2AHEL) ("American Lithium" or the "Company"), is pleased to report that further testing on the surface brines has reported low magnesium (Mg) concentrations and overall an inverse relationship between lithium (Li) and magnesium grades.

Sample #	Li mg/L	Mg mg/L	Sample #	Li mg/L	Mg mg/L
1431001	434	0.4	1431013	385	0.1
1431002	321	0.4	1431014	503	<0.1
1431003	537	0.3	1431015	369	<0.1
1431004	479	0.3	1431016	397	0.1
1431005	510	0.3	1431017	102	0.6
1431006	398	0.2	1431018	47.9	0.2
1431007	401	0.6	1431019	94.2	0.1
1431008	488	0.7	1431020	24.5	0.9
1431009	380	0.2	1431021	23.8	0.6
1431010	47.0	0.6	1431022	2.4	30.8
1431011	382	0.1	1431023	98.7	0.8
1431012	286	0.2	1431024	412	1.0

Detection limits of 0.1mg/L for both Li and Mg

As previously reported in the Company's Oct. 12, 2016 press release, a total of 24 samples reported grades ranging from 537 to 24.6 mg/L Li and an average of 292.9 mg/L Li and the lowest grade sample was 2.4 mg/L Li. These samples were subsequently tested for 24 additional elements including magnesium. Magnesium grades ranged from 30.8 to trace mg/L Mg with an average grade of 1.9 mg/L Mg. As can be seen in the table above, there is an inverse relationship between Li and Mg grades.

As the presence of magnesium can impede the extraction of lithium carbonate from a brine solution, discovering low Mg/Li ratios is an important fundamental in exploration for economic lithium brines.

The primary value of this information is the potential of near surface brines at American Lithium's North Playa Fish Lake project to be able to avoid the need to remove the Mg before any potential concentration and purification of Lithium can take place. The secondary value is that the North Playa mineralization is an atypical mineralizing system and there may be potential for the separation of lithium from the associated playa clays. These clays are not typical Hectorite clays which generally require high energy to separate lithium from the clay. The Company intends to embark on a series of tests to identify the type of bonding in the lithium in the North Playa clays and estimate the energy needed to separate the lithium from the clays.

"These sampling results suggest that the North Playa is a unique lithium enriched system and the Company will continue to work to define the economic potential of lithium enriched brines and clays in the Fish Lake Valley," commented Michael Kobler, Executive Director and COO of American Lithium. "This new information will continue to drive our exploration program as we work to advance our projects in the Fish Lake and Clayton Valleys, Nevada."

Previous near surface brines were sampled using a conventional hand held auger to sample sub surface brines at a depth of 78" (2m). The brine was sampled at the bottom of the auger hole and then separated from residual clays before being sent for analysis. For the expanded near surface brine sampling program the Company has developed a new methodology for sampling. Instead of an auger system, a four inch diameter pipe is driven into the ground to a depth of approximately 55" (1.4m) and then pulled out of the hole, (see news release Aug. 11, 2016). A 2.5" (6.3cm) perforated pvc pipe is placed in the hole to keep it open while clay solids settle to the bottom of the hole. The brine is then sampled just above the settled material at the bottom of the hole. Samples are collected and shipped to Florin Analytical Services in Reno, Nevada where the lithium content is measured by ICP analysis with an atomic absorption finish, all other analysis is measured by ICP analysis with a Mass spectrometry finish.

Michael Collins, P.Geo. is the Company's designated Qualified Person within the meaning of National Instrument 43-101, and has reviewed and approved the technical information contained in this news release.

ABOUT American Lithium Corp.

American Lithium Corp. is actively engaged in the acquisition, exploration and development of lithium deposits within mining-friendly jurisdictions throughout the Americas. American Lithium holds options to acquire Nevada lithium brine claims totaling 22,332 acres (9,038 ha), including 18,552 contiguous acres (7,508 ha) in Fish Lake Valley, Esmeralda County; 2,240 acre (907 ha) San Emidio Project in Washoe County; and the 1,540 acre (623 ha) Clayton-Valley-1 Project. The Company's Fish Lake Valley lithium brine properties are located approximately 38 kilometers from Albemarle's Silver Peak, the largest lithium operation in the U.S., approximately 3.5 hours from the Tesla Gigafactory. American Lithium is listed on the TSXV under the trading symbol "Li". For further information, please visit the Company's website at www.americanlithiumcorp.com.

On behalf of the Board,

American Lithium Corp.

Michael Kobler, Executive Director

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Forward-looking statements

Statements in this release that are forward-looking information are subject to various risks and uncertainties concerning the specific factors disclosed here. Information provided in this document is necessarily summarized and may not contain all available material information. All such forward-looking information and statements are based on certain assumptions and analyses made by American Lithium management in light of their experience and perception of historical trends, current conditions and expected future developments, as well as other factors management believes are appropriate in the circumstances. These statements, however, are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking information or statements. Important factors that could cause actual results to differ from these forward-looking statements include those described under the heading "Risks Factors" in American Lithium's most recently filed MD&A. The Company does not intend, and expressly disclaims any obligation to, update or revise the forward-looking information contained in this news release, except as required by law. Readers are cautioned not to place undue reliance on forward-looking information or statements.

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