



AMX Mining Provides Update on Lithium Process Testing

Reports 100% Li Extraction & LiCl Purity Greater Than 99.9%

CHONGQING, 400020, CHINA, July 12, 2018 /EINPresswire.com/ -- [AMX Mining](#) (ISIN: CN9738820018), a Chinese company focusing on mineral exploration for lithium deposits with the mission to be a sustainable minerals exploration company providing shareholders with risk managed discovery, development and mining opportunities, today announced an update on results of its lithium extraction technology testing at research and development facility in Beihuo Salt Lake Project. As previously reported, AMX Mining supplied a bulk raw brine sample collected at the Beihuo Salt Lake Project for lithium extraction process testing.

The two primary objectives of the testing were;

1. To study the feasibility of utilizing proprietary membrane-based process for pre-treatment of brine to eliminate calcium (Ca) and magnesium (Mg) from the supplied raw brine feed solution; and,
2. To evaluate the feasibility of recovering lithium as LiCl from the pre-treated feed solution using the proprietary solvent extraction process with a target purity of 99.5%

The proprietary membrane-based process removed almost all of the alkali earth elements (about 93% of Ca and practically all of the Mg and Sr) from the raw feed solution. In addition to alkali earth elements, sulfate was eliminated from the stream while lithium concentrations were practically unchanged.

The target purity of 99.5% LiCl was achieved and exceeded. The preliminary results indicate the proprietary solvent extraction process succeeded in producing a LiCl solution with a purity greater than 99.9%. The Li concentration in the waste stream (raffinate) was below the detection limit — indicating practically 100% Li recovery.

Mou Yang Guoqiang, AMX Mining CEO commented “The draft report is extremely encouraging, achieving virtually 100% Li recovery and exceeding our target purity of final product is a significant development. These preliminary results suggest that the combined processes for extraction of Li can be applied successfully to a raw Beihuo Salt Lake Project brine provided from AMX Mining’s Project Site”.

[About AMX Mining](#) (ISIN: CN9738820018)

AMX Mining is a Chinese company focusing on mineral exploration for lithium deposits. AMX Mining’ mission is to be a sustainable minerals exploration company providing shareholders with risk managed discovery, development and mining opportunities. The firm is an emerging low-cost developer of lithium concentrates with its 100% owned project, a world class Lithium-brine project located in Beihuo Salt Lake. The asset is well positioned to benefit from the robust lithium market fundamentals on the back of emerging electric vehicle and energy storage growth given its proximity to infrastructure, advanced feasibility stage, advanced offtake agreements and a highly experienced management team.

Gin Zinquai
AMX Mining
02365324899

email us here

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