



## **A.I.S. RESOURCES MAKES SIGNIFICANT PROGRESS WITH PILOT PLANT PRODUCTION CHEMISTRY**

Vancouver, British Columbia – December 19, 2017 – A.I.S. Resources Limited (TSX-V – AIS, OTCQB: AISSF) (the “Company” or “AIS”) announces it has completed the mass balance chemistry and process engineering that will be used to determine the raw materials used to purify the lithium brines from its Guayatayoc project. This process engineering information will be used in the design, engineering, and construction of an 8-10,000 tonne lithium carbonate plant.

The analysis used fractional crystallization and ion exchange resins to purify the lithium carbonate to higher than 99.5% Lithium Carbonate. The work was conducted in Salta and will be replicated at Guayatayoc at a later stage to ensure that the reduction in air pressure has no material impact.

The project is located in Jujuy Province along highway 11, 15 kilometres from the town of Abraiate in the Puna plateau at 3,412m. The completion of this work allows the project team led by Phil Thomas, COO to focus on drilling, and production geohydrology when permits are issued.

This concentrate will be converted into lithium carbonate samples for customers globally to begin qualifying AIS’s lithium products. Samples will be provided to those companies that have expressed interest in buying the lithium carbonate for their assessment. The pilot plants we have access to have a production capacity of approximately 500kg per week. Full sample production will commence in the new year.





Phil Thomas stated "This is a significant milestone we've achieved. We now have proof of process, that can be scaled up to 10,000 tonnes. The data we have is extremely valuable covering all the phases in the process, and after pumping tests are completed will allow us to go to design, engineering and construction. We are making good progress on our drilling application and will commence drilling Guayatayoc as soon as it is granted. Having immediate access to large pilot plants and a laboratory has saved many hours of downtime and allowed us to complete raw material calculations and manage various brine concentrations. We are delighted with our results."





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### **Qualified Person**

Phillip Thomas, BSc Geol, MBusM, MAIG, MAIMVA, (CMV), a Qualified Person as defined under NI 43-101 regulations, has reviewed the technical information that forms the basis for portions of this news release, and has approved the disclosure herein. Mr. Thomas is not independent of the Company as he is an officer and shareholder.

On Behalf of the Board of Directors,

A.I.S. Resources Limited

*Marc Enright-Morin*

Marc Enright-Morin

President and CEO

**About A.I.S. Resources**



Since 1967  
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A.I.S. Resources Ltd.

A.I.S Resources Limited a TSX-V listed investment issuer, was established in 1967 and is managed by experienced, highly qualified professionals who have a long track record of success in lithium exploration, production and capital markets. Through their extensive business and scientific network, they identify and develop early stage projects worldwide that have strong potential for growth with the objective of providing significant returns for shareholders. The Company's most recent activities have been the exploration of lithium properties in Northern Argentina.

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