

A.I.S. Resources Makes Significant Progress with Pilot Plant Production Chemistry

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VANCOUVER, British Columbia, Dec. 19, 2017 /CNW/ -- [A.I.S. Resources Ltd.](#) (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 Abraiaite 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."

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 Ltd.](#)

Marc Enright-Morin
President and CEO

About A.I.S. Resources

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.

ADVISORY: This press release contains forward-looking statements. More particularly, this press release contains statements concerning the anticipated use of the proceeds of the Private Placement. Although the Corporation believes that the expectations reflected in these forward-looking statements are reasonable, undue reliance should not be placed on them because the Corporation can give no assurance that they will prove to be correct. Since forward-looking statements address future events and conditions, by their very nature they involve inherent risks and uncertainties. The intended use of the proceeds of the Private Placement by the Corporation might change if the board of directors of the Corporation determines that it would be in the best interests of the Corporation to deploy the proceeds for some other purpose. The forward-looking statements contained in this press release are made as of the date hereof and the Corporation undertakes no obligations to update publicly or revise any forward-looking statements or information, whether as a result of new information, future events or otherwise, unless so required by applicable securities laws. Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

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