



Fall 2019

## *A.I.S. Resources is exporting high-value manganese from Peru and exploring for lithium in Argentina*

*AIS Resources' growth strategy is to be a high quality reliable producer of manganese and lithium supplying the metals and battery manufacturing sector. With the considerable growth of Electric Vehicles and battery gigafactories worldwide, AIS expects demand for manganese and lithium to continue to increase.*

### **Near Term Objectives – Peruvian Manganese Projects**

- To generate significant profits in 2020 by selling up to
- 40,000 tonnes of manganese ore per month.
- Currently, AIS has a contract from a buyer to purchase 26,000 tonnes of Mn per year.
- Manganese Dioxide is an important car battery element, in agricultural products and ferro alloys.
- Near term revenue will be generated from trading sources at our two contract Peruvian manganese mines.

### **Long Term Objectives – Argentine Lithium Projects**

- Lithium demand will experience significant growth over the next five years with EV cars sales increasing and 9 gigafactories in the planning and construction phase.
- Brines are the lowest cost method to produce Lithium Carbonate and lithium hydroxide.
- 22kg of lithium carbonate samples have been produced by fractional crystallization and ion-exchange at a pilot plant.

### **Manganese Trading – To Provide Immediate Cash Flow**

- Trading up to 5,000 tonnes a month in 2019, Mn export currently trading at 2,000 tonnes per month.
- Victor manganese mine soon to open.
- Trading comprised of purchasing mined and crushed ore at the mine site, with AIS supervising quality assurance and control, logistics to port and shipping for export.
- Estimated cost less than \$160 per tonne basis 42% MnO.
- Estimated proceeds \$250 per tonne basis 42% MnO (quoted as \$5.60 per 1% Mn).
- 95% payment received at ship departure from letter of credit.



40,000 tonnes of manganese ore available at surface for immediate removal and sale withing bagging and shipping already in progress.

### **Manganese Mining in Peru**

#### **El Zorro – Royalty Agreement**

- 500 wet metric tonnes have been experted at 43.24% Mn.
- Significant demand for 42% +Mn in Ferro Alloy Sector.
- AIS will supply quality control lab, engineering, excavator, trucks, explosives (no overburden), and primary crusher at Victor lump Mn mine.

#### **Logistics**

- Trucking and loading in containers is \$40 per tonne.
- Shipping from Salaverry/Chimbote to Southern China Ports is \$25 per tonne.

#### **Estimated Proceeds**

- Revenue per tonne is  $\$5.60 \times 43.24\% \times 500 \text{ wmt}$  US\$121,072 for August 2019.

#### **Acquisition Opportunity**

- After the first 40,000 tonnes is removed from surface, AIS will complete a full geological analysis including drilling to determine if AIS will acquire the El Zorro property.

#### **Sales Agreement**

- Sales contract for 26,000 tonnes per year 42% Mn. Production agreement is 2,000 tonne lots rolling every two weeks.
- AIS has engaged the Peru management team consisting of general manager, geologist, mine engineer, social indigenous liaison, mine lawyer and logistics manager.



*A.I.S. Resources is developing two high-value Peruvian manganese projects and two significant lithium projects comprising 5,225 hectares in Argentina's world-renown lithium triangle.*



*The A.I.S. Resources' team has many years experience building successful public companies in the resource sector, having developed several successful mining projects.*

## LITHIUM PROJECTS – Guayatayoc Mina and Guayatayoc III Project Deal Terms

- Option currently being negotiated around assembly document being signed by Rincondillas community
- Terms: \$2.25 Million USD payment to purchase 3 concessions – Guayatayoc, Vilama – Avg \$430 per hectare, 5,225 Ha.
- Final payment to be made after Guayatayoc III four hole drill program and production well analysis is completed.
- No stock issuance, no staged payments or royalties to concession vendors.
- National Instrument 43-101 Report released May 2017 available on SEDAR and company website.
- AIS Resources SA is a local incorporated company, with a professional team of country representatives, including accountants, auditors, lawyers, geologists, chemical and construction engineers assembled.

### Guayatayoc Exploration Progress

- Acquired significant volume of geological research data completed 2013-2017 by Dr. L Steinmetz.
- Guayatayoc was sampled in 2017 with Li ranging from 270-900 ppm in ponds, and 100-140 ppm for DDH brines

sampled sitting in the top layers above the clay layers.

- Geophysics show large highly conductive layers or “aquifers” present at the 300m level consistent with our geological model, between 20 metres and 250 metres in thickness with very low resistivity suggesting a strong correlation to brine soaked halites and sands.
- One drill hole has been completed at Guayatayoc Mina, with four more to be drilled in Guayatayoc III.

### Guayatayoc Mina and Guayatayoc III Drill Hole Locations

#### Guayatayoc Mina – Quebralenas Community – Hole 01-02

- Drill hole ‘Hole 01’ completed in Dec 2018.
- Drilling permit issued for Guayatayoc Mina concession.

#### Guayatayoc III – Rincondillas Community – DDH Guay 1-6

- AIS has made good progress with the Rincondillas community and expects to have community approval before the end of November 2019.
- UGAMP meeting preparatory to issuing drill permit to follow community approval.
- Four hole drill program – 400 metres in each Guay 1- 4 with drilling done over a 90 day period.
- Drilling will take 90 days. Approximately \$1.2-1.6m expenditure

## Experienced Management Team

### Martyn Element – Chairman of the Board, Director

- Founder and President of Element & Associates – primarily focused on sourcing and financing new business ventures globally
- Extensive network and developed strong working relationships with specialized funds and high net worth individuals worldwide
- Extensive experience in the public financial markets in Canada

### Phillip Thomas, BSc Geol, MBusM, MAIG, MAIMVA, (CMV) – President, CEO

- Over 17 years experience exploring for lithium brines, designing / building pilot plants for production, and building production and processing facilities. Has first hand experience with the highly technical process of operating a lithium carbonate / chloride plants at the Rincon salar.
- 2004 to 2008 as Chairman & CEO of Admiralty Resources led his team to explore and build a lithium carbonate processing facility, which commenced operation in 2008, and was sold to the Sentient Group
- He and his team developed the Pozuelos salar producing an indicated and inferred resource, and putting two wells into production
- Significant investment banking experience holding senior executive director roles with Macquarie Bank, ABN-Amro, and McIntosh Securities

### Kiki Smith – CFO, Director

- Over 20 years experience assisting private and public companies as accountant, corporate controller, chief financial officer, including mergers and acquisitions, financial reporting, and regulatory compliance
- Sectors included mining, oil and gas, real estate, high technology, food production, and investment fund management
- Member of the Chartered Professional Accountants of BC

### Dr. Carlos Sorentino – Chief Chemical Engineer

- Specializes in the valuation, planning, development, and management of mining projects; established a number of significant exploration projects in South America, including major lithium projects in Argentina
- Experienced in the exploration, metallurgy and development of evaporitic deposits mineral resources, mainly in the Andes Cordillera
- 1996 to 2001, prepared detailed engineering and bankable feasibility study for exploitation of the Salar del Rio Grande
- 2004 to 2008, developed basic and detail engineering and directed the establishment of a pilot plant for a lithium project in the Salar of Rincon, in Salta, Argentina

## Corporate Information

Trading Symbol	TSX-V : AIS · OTCQB : AISSF
CUSIP Number	001430
Audited Financials	Year End December 31.
Auditor	Manning Elliot
Transfer Agent	Computershare

Issued and Outstanding	81,104,116 – as of 06-Sept-19
Total Shares / Warrants / Options:	120,953,005 – as of 06-Sept-19
Warrants: 4,505,000 @ \$0.30 CAD	Expiry 05-Oct-19
Warrants: 12,632,889 @ \$0.12 CAD	Expiry 27-Feb-20
Warrants: 7,901,000 @ \$0.10 CAD	Expiry 11-June-20
Warrants: 7,100,000 @ \$0.10 CAD	Expiry 17-July-20
Options: 4,085,000 @ \$0.10 • 165,000 @ \$0.15 • 2,325,000 @ \$0.20	
215,000 @ \$0.25 • 100,000 @ \$0.30 • 150,000 @ \$0.68 • 670,000 @ \$0.91	



## A.I.S. Resources Limited

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