

## WINTER 2019 UPDATE



Enertopia controls 100% of 160 Acres of Placer and Lode claims in Clayton Valley, Esmerelda County, NV approximately 2 miles east of, Nevada's lithium hotspot and home to the Silver Peak mine, the only producing lithium brine operation in the USA. The project is between Cypress Development's and Noram Ventures' properties which both have published 43-101 claystone Lithium resources. Drilling is the next step for Enertopia to define its own project wide 43-101 Lithium resource.



Looking at lithium enriched outcrops along the western edge of the Enertopia project Clayton Valley, NV.

### DIAMOND DRILLING:

COMPANY COMPLETED DRILLING FOUR DD HOLES TO DEPTHS OF ~250 FEET TO ~350 FEET

ONE ADDITIONAL DD HOLE FOR METALLURGICAL TESTING TO ~250 FEET WAS ALSO COMPLETED

### WHY ENERTOPIA:

- 1) **Low risk resource definition drilling**
- 2) **Creation of Lithium brine with very low impurities**
- 3) **Using off the shelf technologies to keep CAPEX costs as low as possible**

### USING MODERN TECHNOLOGY TO PROCESS LITHIUM:

Enertopia is using off the shelf processing equipment, such as Ion Exchange Resins, to adsorb lithium from the created synthetic brine solutions.

It is believed that the successful concentration of lithium using ion exchange and associated process equipment could reduce the CAPEX below current industry standards.

## TECHNICAL TEAM

*Enertopia technical team is led by Dr. John Thomas, a professional engineer that holds a B.Sc., M.Sc., and a Ph.D. in chemical engineering from the University of Manchester in the United Kingdom. Dr. Thomas has 43 years of experience in the mining industry, including both base metal and precious metal projects in several countries including Brazil, Canada, Costa Rica, Russia, Venezuela, and Zambia. His experience covers a wide range of activities in the mining industry from process development, management of feasibility studies, engineering and management of construction, and operation of mines.*

*Dr. Thomas has completed a technical review of the data from recent testing and incorporated the data into the next phase of testing using ion resin exchange to remove impurities.*

*Enertopia is currently testing synthetic high pH adjusted brines using the source lithium rock from Clayton Valley, NV and further testing will determine which adsorb technology is best suited for the recovery of lithium and subsequent concentration to battery grade lithium product.*

Share Structure	January 18, 2019
Issued & Outstanding	121,964,931
Warrants	39,219,989
Options	8,570,000
<b>Fully Diluted</b>	<b>169,754,920</b>

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*Potential funds raised on Warrants exercise ~ \$2.9 million USD.*

### **Head Office:**

156 Valleyview Rd Kelowna, BC V1X 3M4 | Ph: 250.765.6412  
[mcallister@enertopia.com](mailto:mcallister@enertopia.com) | [www.enertopia.com](http://www.enertopia.com)

**OTCQB: ENRT CSE:TOP**

## MANAGEMENT TEAM

**President & CEO: Robert McAllister**  
*Has served as President of Enertopia since November 2007 and as a Director since April 2008. Mr. McAllister was responsible for Investor Relations and Corporate Communications for publicly traded mining and oil & gas listed companies. Mr. McAllister has also provided and written business and investment articles from 1996 to 2006 in various North American publications focused on oil & gas and mining companies.*

### **Director: Kevin Brown**

*Mr. Brown brings over 15 years of diversified financial and business management experience in private companies, covering the high-tech, mining, and the health and wellness industries.*

### **Director: Kristian Ross**

*Mr. Ross has extensive experience in management and has raised over \$20 million in financing for Canadian junior resource companies for the past 40 years, including from early-stage project exploration and project procurement through feasibility, mine development, and production. Mr. Ross has experience in both base metal and precious metals project development and was previously President and CEO of a public mining company with two underground gold and silver mines in northern Canada.*