Working towards a greener future.

Lithium is the Future.
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Working towards a greener future.
Management Team

Darryl Jones – President & CEO  Mr. Jones was an Investment advisor with PI Financial Corp Canada and Raymond James Ltd Canada and has 15+ years of capital market experience and an established financial network. He was responsible for raising significant risk capital for growth companies in all sectors, with a particular focus on natural resources. He also serves as director of Strikepoint Gold Corp.

Sean Charland – Director  Mr. Sean Charland is a seasoned communications professional with experience in raising capital and marketing resource exploration companies. His network of contacts within the financial community extends across North America and Europe. Mr. Charland also serves as a Director of several public companies including Zimtu Capital Corp. and Aurvista Gold Corp.

Dušan Berka, P. Eng., – Director  Mr. Berka, a member of the Association of Professional Engineers and Geoscientists of B.C. since 1977, has over 40 years international experience in Engineering, Marketing & Sales and Business Administration. In addition, he is experienced in Corporate Communications, public relations and contract negotiations of public companies. During the past 34 years Mr. Berka has served as a Director and Officer of various public companies traded on the TSX and TSX Venture Exchanges and the NASDAQ System in USA.

Foster Wilson – Director  Mr. Wilson has over 30 years of experience in exploration and development ranging from reserve drilling and estimation, feasibility studies, mine permitting and development. He has worked in various capacities for Placer Dome, Echo Bay, American Bonanza Gold and various junior exploration companies. Also currently serving as President of Mesa Exploration.
Management Team

R. Thomas Currin, Jr. – Director Mr. Currin is a Chemical Engineer with over 35 years experience in the Lithium and Specialty Chemicals Industry. He has an extensive background in lithium extraction and project management implementation having been involved in projects in Chile, Peru, Mexico, Canada and the United States. Prior to starting his own firm, Mr. Currin spent 15 years with FMC Lithium Division where his last position was Division Production Coordinator.
### Investment Highlights

#### Infrastructure
A total of 4,160 acres in the Paradox Basin with close proximity to rail head, industrial power and paved roads. The targeted brine horizon occurs over the entire property.

#### Historic Resource
Historic estimate covering 8x6 miles enclosing approximately 15 million barrels of brine containing 5,750 tons of lithium (30,535 tons of Li$_2$CO$_3$)$^1$

#### Grade
Lithium occurs in super saturated brines with historic grades up to 1700 Mg/L with over 40% dissolved solids$^1$

#### Process
Commenced work with Enertrex Corp. to develop and optimize Lithium Selective process for use on brine sources of varying metallurgy.

#### Demand
China spot prices for battery grade lithium carbonate spiked to over US$25,000 per ton (tripling the price 1 year earlier - $7,000 US per ton)$^2$

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1. Historic Estimate defined from work conducted on adjacent property (Garrett, 1966)
2. Source: Macquarie Bank
Demand = Growth
The Global Lithium Compounds Market was valued at USD 2.64 billion in 2014, and is projected to grow at a CAGR of 13.22% from 2015 to 2020\(^1\)

**Long term US Lithium contract prices have increased 50% since 2014\(^2\)**

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1. Source: Research and Markets
2. Source: Benchmark Mineral Intelligence
Lithium Demand

Many of the world’s leading car manufacturer’s support EV production

Battery mega-factories introduced and/or expanded to meet market demands

**THE LITHIUM-ION BATTERY MEGAFACTORIES ARE COMING**
Production capacity of lithium-ion batteries is anticipated to more than triple by 2020

- **LG Chem**
  - Capacity: 70Wh
  - Nanjing

- **Tesla**
  - Capacity: 350Wh
  - Nevada

- **Foxconn**
  - Capacity: 160Wh
  - Anhui

- **Volkswagen**
  - Capacity: 160Wh
  - Various

- **Ford**
  - Capacity: 260Wh
  - Various

- **Boston Energy**
  - Capacity: Various

*Benchmark estimates, not all data disclosed by companies **Instant planned capacity stated for graphical purposes, slower ramp up expected

1. Source: Benchmark Mineral Intelligence
Lithium More than Batteries

1. Source: Roskill 2014
Majority of global lithium supply is currently controlled by the “Cartel”

Continued and forecasted demand requires new suppliers to enter the market
Location is **everything**
Green Energy Project

Centrally located within 600 miles of Tesla Motors Gigafactory
Green Energy Property

- Historic drilling in the 1960’s encountered super-saturated brines with 40% dissolved solids

- Lithium concentrations in brines range from 81 to 1700 Mg/L\(^1\)

- Historic estimate – 15 million barrels of brine:
  - Lithium: 5,750 tons (30,535 tons of Li2C03)
  - Calcium: 157,000 tons
  - Magnesium Chloride: 576,450 tons
  - Sodium 96,000 tons\(^1\)

1. Historic Estimate defined from work conducted on adjacent property (Garrett, 1966)
Green Energy Property

- Oil and gas exploration encountered blow outs caused by intersecting pressurized brines (~4,500 PSI) within the Paradox Formation
- Clastic Unit #31 is the horizon of interest
- Suggested flow potential of 50,000 barrels of brine per day at 145 degrees Fahrenheit
- In the general 50 square mile area approximately 55 oil and gas wells have been drilled
- Railhead is located 4 miles north of the property in the town of Moab
- Extensive 2D & 3D database of seismic data
- Potential partnership with Oil and Gas groups to access existing wellheads
- Industrial power in the area servicing Cane Creek Potash mine
- Pipelines in the area could be utilized to transport liquids
- Ideal setting for potential production facility
- In place are methods to transport finished product or brine to facility elsewhere
Enertrex Corp. has developed a system that selectively extracts Lithium from Lithium bearing solutions. The system utilizes a reaction/transport mechanism to selectively extract Lithium in a cost effective process with modified commercial units. With over 100 combined years of technical and project management experience, Enertrex has the team in place to design, construct and optimize laboratory units, pilot plant demonstrate the system and commercialize a complete process.

October 31, 2016 – Voltaic Minerals Corp. signed an MOU with Enertrex Corporation to begin process development and optimization for the expected lithium brine solution extracted from the Green Energy Project using Enertrex’ Selective Lithium Process.

CLICK TO SEE FULL NEWS RELEASE

This news release contains forward-looking information which is subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ from those projected in the forward-looking statements. Forward looking statements in this release include that the Lithium extraction process will work & be cost effective; the process will be commercialized; the process will produce Lithium Chloride brine suitable for production in a chemical plant that we will agree to definitive agreements and that all phases of development will be implemented. These forward-looking statements are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking statements. Risks that could change or prevent these statements from coming to fruition include that the Company and Enertrex may not agree on the final agreement terms, aspects or all of the process development may not be successful, the process may not be cost effective, the Company may not raise sufficient funds to carry out our plans, changing costs for mining and processing; increased capital costs; the timing and content of upcoming work programs; geological interpretations based on current data that may change with more detailed information; potential process methods and mineral recoveries assumption based on limited test work and by comparison to what are considered analogous deposits that with further test work may not be comparable; the availability of labour; equipment and markets for the products produced; and despite the current expected viability of the project, that the minerals on our property cannot be economically mined, or that the required permits to build and operate the envisaged mine cannot be obtained. The forward-looking information contained herein is given as of the date hereof and the Company assumes no responsibility to update or revise such information to reflect new events or circumstances, except as required by law.
Enertrex Corp. Team

Carl Landahl – Managing Partner  Carl Landahl has conducted contract research and development in the energy and environment at several labs including, Argonne National Laboratory (ANL). He has been involved with developing several separation technologies from the early conceptual stage to process plant demonstration. His experience as an experimentalist in the lab and on through process demonstration in operating plants makes him particularly suited to undertake industry projects. This work has led to over 20 patents and publications. Carl has a BA in physics from Augustana College and did graduate work in physics and mathematics at Wayne State University. He joined IGT’s staff as an applied physicist, initiating a gas separation program that led to several gas industry process applications and produced several patents that led to process demonstration at a major gas processing plant in Canada. He developed several programs involved with characterization and processing of deep well sour fluids.

William Bourcier – Partner  William Bourcier, over the last 20 years, has been involved with developing and using advanced water treatment technologies while as a staff scientist at Lawrence Livermore National Laboratory (LLNL). He has over 20 patents and 50 publications resulting from this and other work while at LLNL including a licensed patent for a process using reverse osmosis to produce marketable silica from geothermal waters. He has also worked as part of the team at LLNL developing capacitive deionization (CD) for desalination of brackish water. In 2008 he left LLNL to co-found Simbol Mining, a company targeted at extraction of lithium from geothermal brines. William received his PhD in 1983 from Penn State University in economic geology, spent two years as National Research Council Fellow at NASA Johnson Space Center, and then began his position as staff scientist at LLNL. He currently has a half-time position at LLNL which allows time for outside work aimed mainly at commercialization of new technologies for solution mining and brine management.
R. Thomas Currin – Partner Mr. Currin has over 35 years of chemical engineering experience in the Lithium and Specialty Chemicals Industry. He has an extensive background in process development and project management implementation. Tom’s engineering services firm, Limtech Technology, provides engineering services to the Specialty Chemical Industry (Lithium, Potash and Antimony) as well as to the Biofuels industry. Limtech Technology has been a technology provider for Du Pont Chemicals, DOE Oak Ridge, Foote Mineral Lithium Division, Li3, TVEL and SQM Lithium Division. Tom has worldwide experience in Lithium extraction having managed projects in Chile, Peru, Mexico, Canada and the United States. Prior to starting his own firm, Tom spent 15 years with FMC Lithium Division where his last position was Division Production Coordinator. Most recently, Tom’s team was awarded the 2016 Outstanding Partnership Regional Award by the Federal Laboratory Consortium for Technology Transfer for it’s work with LLNL’s Environmentally Sound Geothermal Silica Extraction Technology. Tom holds a Bachelor of Science, Chemical Engineering from North Carolina State University
Enertrex Corp. Comparison

- Current Lithium Technologies being promoted in new projects
  - Solvent extraction to Concentrate Lithium
    - Requires removal of Magnesium and Calcium prior to processing
  - Ion Exchange to Concentrate Lithium
    - Requires removal of Silica, Magnesium and Calcium prior to processing
  - Reaction with Phosphate System
    - Requires removal of Magnesium and Calcium prior to processing

Enertrex Selective Lithium Process
# Voltaic Minerals Timeline

## Project Milestones

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<th>Phase</th>
<th>Q4 2016</th>
<th>Q1 2017</th>
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<td>20,000 liters of Brine for Demonstration Testing</td>
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*TSXV: VLT / FSE: 2P61 / VOLTAICMINERALS.COM*
## Corporate Structure

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Current as of November 1st, 2016
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