Forward Looking Statements

Certain information contained in this document may include "forward-looking information". Without limiting the foregoing, the information and any forward-looking information may include statements regarding projects, costs, objectives and future returns of the Company or hypotheses underlying these items. In this document, words such as "may", "would", "could", "will", "likely", "believe", "expect", "anticipate", "intend", "plan", "estimate" and similar words and the negative form thereof are used to identify forward-looking statements. Forward-looking statements should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether, or the times at or by which, such future performance will be achieved. Forward-looking statements and information are based on information available at the time and/or the Company management's good-faith beliefs with respect to future events and are subject to known or unknown risks, uncertainties, assumptions and other unpredictable factors, many of which are beyond the Company's control. These risks uncertainties and assumptions include, but are not limited to, those described in the section of the Management's Discussion and Analysis (MD&A) entitled "Risk and Uncertainties" as filed on November 5, 2014 on SEDAR.

The Company does not intend, nor does it undertake, any obligation to update or revise any forward-looking information or statements contained in this document to reflect subsequent information, events or circumstances or otherwise, except as required by applicable laws.
Extracting all value from a variety of mineral and industrial waste feedstocks
Today's resource processing is ... 

...inefficient and creates waste
Lots of waste, such as red mud

3 billion tonnes stored globally

+ 120 million tpa

- Waste product from alumina production
- Financial liability for producers
- Ecologically damaging

Contains high-value elements
Rare Earths / Ga / Sc / Al₂O₃ / others
And Mine Tailings such as Asbestos Residues…

2 billion tonnes stockpiled in the province of Québec

These residues:
- Contain ≥ 40% magnesium oxide
- Remainder is mainly SiO₂ (∼ 40%) and Al₂O₃ (∼ 5%)
- Leach well in hydrochloric acid
Fly ash:
• Waste product from coal-fired power stations
• Contains high-value elements
• On-going liability for producers and communities

71 million tonnes produced annually in U.S.
550 million tonnes worldwide
We need the value in that waste!

**RARE EARTHS**
Growing demand, uncertain supply, no substitutes

**ALUMINA**
Rapid decline in bauxite quality = increasing OPEX
We can fix all of that
Technology

01 Feedstock preparation

02 Leaching (digestion)

03 Selective, steps-wise extraction of alumina, and other valuable products

04 In the case of alumina and certain other customized specialty products: calcination

05 In parallel, acid is recovered from the mother liquor and during calcination
Capabilities

State-of-the-art Technology Development Centre

- Process development and optimization
- Product Customization
- People

- Extensively tested and validated front-end of HPA process
- Extensive pre-purchase testing of technology back-end (calcination)

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$117 million extraction and purification facility (operational Q3, 2015)

HPA production capacity of 3 tpd
Calcinator capacity of 5 tpd
Fully qualified operational team
1) Processes for extracting aluminum from aluminous ores.
   • Patent protection granted in USA, Canada, Australia, Russia, Japan, China and Hong Kong
   • Additional patents pending in EU, India, Hong Kong, Australia, USA, Brazil, China, Russia.
2) Processes for extracting aluminum from aluminous ores.
3) Processes for extracting rare earth elements from aluminum-bearing materials.
4) Processes for extracting rare earth elements from various ores.
5) Methods for preparing hematite.
6) Methods for separating iron ions from aluminous ions.
7) Processes for preparing alumina and various other products.
8) Processes for treating Red Mud.
9) Processes for treating Fly Ash.
10) Processes for preparing titanium oxide and various other products.
11) Processes for recovering rare earth elements and rare metals.
12) Processes for treating various materials.
13) Methods for purifying aluminum ions.
14) Processes for preparing alumina and various other products.
15) Processes for decomposition and calcination of alumina.
Three Business Lines

Specialty Products
Addressing supply issues in high-end markets
High-Purity Alumina (HPA), Gallium, Scandium
Build, own, operate

Waste Monetization
Converting financial and environmental liabilities into assets
Silica, Titanium, Scandium, Gallium, REE, RM
Scale up with JV Partner Expansion through licenses/royalties

Commodity Minerals
Strategically located low-cost producer of commodities
Smelter-Grade Alumina, Slica, Hematite
Commercialization with JV partner. We own the deposit: 1 bn tonnes indicated resources
Specialty Products
First Commercial Product: High Purity Alumina (HPA)

High-end product for niche markets

- LED lighting
- Smart phone screens (sapphire)
- Separators in Li-ion battery packs
- Specialized ceramics for industrial, military or medical applications

HPA sells for $20,000 – $30,000 USD per tonne
The premium market is mainly for 4N* to 5N* purities

HPA prices: $20,000 –$30,000 USD per tonne, depending on characteristics and application

Confident of producing up to 5N consistently

Market expected to strengthen beyond current outlook

*4N stands for 99.99% purity, 5N for 99.999%
Over thirty potential customers interested in our HPA
Intend to ship samples for customers’ qualification programmes in Q1 2015
Waste Monetization: extracting all value

Products represent significant value, only inert residue remains (<10%)

Multiple feedstock opportunities
Initial focus on red mud and fly ash
Discussions with Veolia for global commercialization

Subsequent focus on mine tailings

Turning liabilities into assets
Why waste monetization?

- Huge quantities of feedstock available
- Representing valuable asset for Orbite (REEs, RMOs, Alumina, etc.)
- No mines to develop
- Already in industrial zone

- Transportation and energy infrastructure in place
- Resource with negative value to current owners
- Customer is right next door
Regulated utility producing approximately 50,000 megawatts to serve approximately 7.2 million customers in SE and Midwest USA

In North Carolina: 14 sites, 33 ash impoundments, >100 M tonnes stored

Feb 2014: storm sewer line running beneath the Dan River impoundment collapsed, releasing 23,000 – 30,000 m³ of ash and 100 M liters of ash pond water into the river.
In Sept 2014, NC enacted a coal ash law:

- Applies to existing and closed sites
- Close high-risk ponds by end of 2019 (4 Duke sites)
- Medium-risk ponds by 2024, low-risk ponds by 2029
- Sites assessment plan to be in place by end of 2014
- Excavation and lining of existing ponds or excavation and disposal at permitted facilities

Duke Energy estimates compliance costs at $2-10 billion
Technology Demonstration at Industrial Scale for Waste Monetization & Commodities Initiatives

Front end of plant to be converted to start consuming multiple feedstocks
Facility to provide critical input in formalization of plant design for processing red mud, fly ash, mine tailings, clay

Will continue to produce HPA
Expand HPA facility to 5 tpd
Scandium and Gallium extraction to be added
Third priority: Commodity Minerals

To become a low-cost, strategically located producer of commodities such as SGA, magnesium, silica and hematite

First smelter grade alumina (SGA) plant to be built in Canada
World’s third largest aluminum producing region, fully dependant on the import of alumina
Feedstock will be aluminous clay from the Company’s Grande-Vallée deposit
Negotiations soon to be initiated with potential joint-venture partners, Glencore interested

Binding 10-year off-take agreement signed with Glencore for 100% of planned plant’s SGA production
Deployment Timeline

**Specialty Products**
- HPA 3 tpd production

**Waste Monetization**
- Upgrade and conversion
- HPA facility 5tpd
- Waste monetization commercial demonstration
- Scandium & Gallium production

**Commodity Minerals**
- Design & construction of first 100-200 ktpa waste monetization plant
- Design commodities plant

**FROM Q3 2015**
- HPA 3 tpd production

**2015 - 2016**
- Upgrade and conversion
- HPA facility 5tpd
- Waste monetization commercial demonstration
- Scandium & Gallium production

**BEYOND 2017**
- Design & construction of first 100-200 ktpa waste monetization plant
- Design commodities plant
• Months away from being commercial
• Game-changing technology addressing traditional inefficiencies
• Waste monetization: turning liabilities into assets
• Orbite can address supply issues in rare earths and rare metals supply
• Strong interest from large industry players, such as Veolia and Glencore
• Portfolio of high-value added specialty products
## Capital Structure and Financial Position

### Market Capitalization
(Data as of December 31, 2014)

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closing Price per Share (ORT-T – Mar 4, 2015)</td>
<td>$0.31</td>
</tr>
<tr>
<td>Basic Shares Outstanding</td>
<td>320.8</td>
</tr>
<tr>
<td>Options - $0.93 WAP</td>
<td>15.8</td>
</tr>
<tr>
<td>Warrants - $0.46 WAP</td>
<td>47.7</td>
</tr>
<tr>
<td>Convertible Debentures ($25M @ $3.50/share)</td>
<td>7.1</td>
</tr>
<tr>
<td>Convertible Debentures ($0.52M @ $0.40/share)</td>
<td>1.3</td>
</tr>
<tr>
<td>Fully Diluted Shares Outstanding (M)</td>
<td>392.7</td>
</tr>
<tr>
<td>Market Cap. (M)</td>
<td>$99.5</td>
</tr>
</tbody>
</table>

### Balance Sheet
(As at September 30, 2014)

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current assets</strong></td>
<td></td>
</tr>
<tr>
<td>Cash and Short-Term Investments</td>
<td>$11.60</td>
</tr>
<tr>
<td>Short-Term Rec. and Tax Credits</td>
<td>$6.87</td>
</tr>
<tr>
<td>Other Current Assets</td>
<td>$0.54</td>
</tr>
<tr>
<td><strong>Total Current Assets</strong></td>
<td>$19.01</td>
</tr>
<tr>
<td><strong>Non-current assets</strong></td>
<td></td>
</tr>
<tr>
<td>Restricted cash</td>
<td>$6.01</td>
</tr>
<tr>
<td>Refundable Investment Tax Credits</td>
<td>$19.66</td>
</tr>
<tr>
<td>Property, Plant and Equipment</td>
<td>$74.90</td>
</tr>
<tr>
<td>Patents and Exploration and Evaluation assets</td>
<td>$18.32</td>
</tr>
<tr>
<td><strong>Total Non-current Assets</strong></td>
<td>$118.89</td>
</tr>
<tr>
<td><strong>Total assets</strong></td>
<td>$137.90</td>
</tr>
<tr>
<td><strong>Current Liabilities</strong></td>
<td></td>
</tr>
<tr>
<td>Accounts Payable and Accrued Liabilities</td>
<td>$3.86</td>
</tr>
<tr>
<td>Derivative financial instruments</td>
<td>$0.92</td>
</tr>
<tr>
<td>Current portion of Long-term debt</td>
<td>$0.01</td>
</tr>
<tr>
<td><strong>Total Current Liabilities</strong></td>
<td>$4.79</td>
</tr>
<tr>
<td><strong>Non-current liabilities</strong></td>
<td></td>
</tr>
<tr>
<td>Convertible Debentures</td>
<td>$22.85</td>
</tr>
<tr>
<td>Long-Term Debt</td>
<td>$4.57</td>
</tr>
<tr>
<td>Derivative Financial Instrument</td>
<td>$0.32</td>
</tr>
<tr>
<td>Deferred Income and Mining Tax Liabilities</td>
<td>$2.37</td>
</tr>
<tr>
<td><strong>Total Non-current Liabilities</strong></td>
<td>$30.11</td>
</tr>
<tr>
<td><strong>Equity</strong></td>
<td>$103.00</td>
</tr>
<tr>
<td><strong>Total liabilities and equity</strong></td>
<td>$137.90</td>
</tr>
</tbody>
</table>

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TSX: ORT    OTCQX: EORBF
Management and Board

Claude Lamoureux, Chairman of the Board of Directors
Former President & CEO Ontario Teachers’ Pension Plan.

Peter Crossgrove, C.M., O.O.
Executive Chairman of Excellon Resources and Non-Executive Co-Chairman of Detour Gold. He also sits on the Board of Directors of Lake Shore Gold, Pelangio Mines, Nordex Explosives, and Dundee REIT.

Pierre Meunier, LL.L
Partner and Strategic Consultant at Fasken Martineau LLP, which he joined in 1989 after filling several important positions for the Government of Québec.

Pascal Decary
Senior Executive Vice President for Germany, Eastern Europe and Asia and Executive Director at Veolia Environmental Services

Lionel Léveillé
Former President & CEO of Adacel, President of Raytheon, VP of Bombardier, VP of Oerlikon, and Exec VP of CMC Electronics.

Stéphane Bertrand
Executive director for the 2014 International Summit of Cooperatives. From 2003 to 2007, he was Chief of Staff for the Premier of Québec.

Christian Van Houtte, M.A. (IR), ASC
President of Van Houtte Conseil Inc. since 2009, Mr. Van Houtte was President and CEO of the Aluminum Association of Canada for 18 years.
Thank you
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