



PRESS RELEASE

**ORBITE ALUMINAE INC.
TORONTO STOCK EXCHANGE: ORT
OTCQX: EORBF**

Orbite Receives Notice of Allowance for first Red Mud Monetization Patent

Montreal, Québec, January 8, 2015 – Orbite Aluminae Inc. (TSX: ORT) (OTCQX: EORBF) (“Orbite” or the “Company”) is pleased to announce that the Canadian Intellectual Property Office (“CIPO”) has issued a notice of allowance for patent application No. 2,857,574, pertaining to *Processes for Treating Red Mud*. Orbite has paid the requisite fees and expects patent issuance within CIPO’s usual timeframe of 9 to 12 weeks.

Red mud is the waste product generated by the Bayer process, the industrial process used for refining bauxite to obtain alumina, the raw material for the electrolytic production of aluminium. A typical bauxite refinery generates one to two times as much red mud as it does alumina. That waste is typically stockpiled in open-air tailings ponds, although in some cases it has been disposed of in the ocean. Red mud represents a long-term environmental liability for the entire alumina industry. The Orbite process is able to utilize red mud as a feedstock, extracting all of the valuable constituents, including rare earths and rare metals, alumina, magnesium oxide and titanium dioxide, while only returning a small fraction of inert material. In this way, the Orbite process not only contributes to the remediation of an environmental problem, but turns a liability into an asset.

Furthermore, the Company has recently received notification that CIPO has granted and issued Canadian patent 2,812,309 titled *Process for Extracting Aluminum from Aluminous Ores*. This patent, and the one related to Red Mud, once granted, will give Orbite exclusivity for the use of these inventions for a period of twenty (20) years following their respective filing date.

“The uniqueness of the Orbite Process is clearly validated by our growing portfolio of intellectual property rights,” stated Glenn Kelly, CEO of Orbite. “Consequently, we are well positioned to advance our efforts to commercialize this breakthrough technology, and help convert continuously growing stockpiles of environmental liabilities into valuable assets.”

About Orbite

Orbite Aluminae Inc. is a Canadian cleantech company whose innovative and proprietary processes are expected to produce alumina and other high-value products, such as rare earth and rare metal oxides, at one of the lowest costs in the industry, and in a sustainable fashion, using feedstocks that include aluminous clay, kaolin, nepheline, bauxite, red mud, fly ash as well as serpentine residues from chrysotile processing sites. Orbite is currently in the process of finalizing its first commercial high-purity alumina (HPA) production plant in Cap-Chat, Québec and has completed the basic engineering for a proposed smelter-grade alumina (SGA) production plant, which would use clay mined from its Grande-Vallée deposit. The Company’s portfolio contains 15 intellectual property families, including 15 patents and 92 pending patent applications



in 10 different countries and regions. The first intellectual property family is patented in Canada, USA, Australia, China, Japan and Russia. The Company also operates a state of the art technology development center in Laval, Québec, where its technologies are developed and validated.

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.

CONTACT INFORMATION:

TMX EQUICOM
Mark Lakmaaker, External Investor Relations Consultant
Tel: 1-800-385-5451 ext. 248
Email: mlakmaaker@tmxequicom.com

or

For Media Inquiries:

TMX EQUICOM
Scott Anderson, External Media Relations Consultant
Tel.:1- 800-385-5451, ext. 252
Email: sanderson@tmxequicom.com