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NEWS RELEASE

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Avalon reports on Warren Township anorthosite project furnace trial

Avalon Ventures Ltd. TSX: AVL (the "Company") is pleased to report on the results of the furnace trial conducted by a major US-based glass manufacturer using a 460 ton bulk sample of calcium feldspar product (anorthosite) collected from the Company's 100%-owned Warren Township project located approximately 100 km west of Timmins, ON. The purpose of the trial was to evaluate the potential energy saving benefits of the calcium feldspar product as an alternative raw material for a certain fiberglass formulation.

A meeting was held April 17-18, 2008 with senior representatives from the glass company to review the results of the furnace trial. The results indicated that energy savings in the order of 10% were achieved without any detrimental impacts on the quality or production efficiencies of the glass, an encouraging, although inconclusive, initial result. The trial also demonstrated the Company's ability to produce and deliver a quality product with high levels of internal consistency despite reliance on untested third parties to carry out the work. Further test work will be required to conclusively determine the longer-term sustainable furnace behaviour, energy savings, glass output and economics.

The furnace trial was conducted over a 24-day period, from mid October to mid November 2007, with one-month monitoring periods required before and after the anorthosite product was introduced into the batch in order to ensure stabilized baseline data. The calcium feldspar was introduced in measured steps, eventually reaching a 35% substitution level (the anorthosite fully or partially replaced other raw materials in the batch), then reduced in measured steps so as not to destabilize furnace operations. A longer trial involving a higher substitution level will ultimately be required to provide more conclusive data.

All of the multi-dimensional data gathered during the trial, including data related to furnace operating conditions, productivity and product quality was reviewed during the meeting. This complex assessment covered the interaction of anorthosite with other feeds, material handling implications, the reduction and changing balance between energy inputs, glass density, viscosity, and pull rates. The discussions also explored the correlation of the furnace trial results with earlier laboratory tests.

Given the encouraging initial results, the customer is now considering conducting a more comprehensive trial and has invited the Company to submit a detailed project development plan. If the results of this more comprehensive trial are positive, then a long term supply contract would be negotiated. Bulk sampling work was carried out under the direction of the Company's Vice-President, Corporate Development, Ian London, P.Eng.

In anticipation of a further positive outcome, the Company continues to work with provincial authorities and local communities, including First Nations, in support of its application for a production permit under the *Aggregate Resources Act* of Ontario. Thorough environmental assessment and community engagement practice are integral to the Company's operating philosophy. The permitting work is being carried out by Fudge & Associates of North Bay, Ontario. If the Company enters into a supply contract with the customer, then construction of a small quarrying operation and process plant would begin once project financing is in place. Preliminary estimates indicate capital costs of less than \$10 million to build a facility with a production capability of 100,000 tonnes per year.

Commented Company President Don Bubar “This project has demonstrated Avalon’s growing capacity to work with customers and communities in scoping and delivering product in a sustainable manner. This builds on our strategy to supply a wide range of products offering environmental benefits either directly, as in this application, or indirectly by being used in renewable energy and other ‘green technology’ applications.”

About Avalon Ventures Ltd.

Avalon Ventures Ltd. is a Canadian junior mineral exploration and development company, with a primary focus on rare metals and minerals with high technology and environmentally-beneficial applications. Avalon currently holds a portfolio of five such projects, including three that are at, or close to, the feasibility stage. Shares Outstanding: 64,649,748. Cash resources: approximately \$14.5 million.

To find out more about Avalon Ventures Ltd., please visit our website at www.avalonventures.com. This news release is available on the Company’s official on-line investor relations site for investor commentary, feedback and questions. Investors are invited to visit the “Avalon Ventures” IR Hub at <http://www.agoracom.com/ir/avalon>. In addition, investors are invited to e-mail their questions and correspondence to AVL@agoracom.com or phone Don Bubar, P.Ge. President, at 416-364-4938. Mr. Bubar is the Qualified Person responsible for the technical content of this news release.

This news release contains forward-looking information. This forward-looking information includes, or may be based upon, estimates, forecasts, and statements as to management’s expectations with respect to, among other things, the size and quality of the Company’s mineral resources, progress in development of mineral properties, demand and market outlook for metals and future metal prices. Forward-looking information is based on the opinions and estimates of management at the date the information is given, and is 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 information. These factors include the inherent risks involved in the exploration and development of mineral properties, uncertainties with respect to the receipt or timing of required permits and regulatory approvals, the uncertainties involved in interpreting drilling results and other geological data, fluctuating metal prices, the possibility of project cost overruns or unanticipated costs and expenses, uncertainties relating to the availability and costs of financing needed in the future and other factors. 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.