

Argentium Resources Provides Exploration Update on Sill Lake Property, Ontario

TORONTO, ONTARIO, February 8th, 2012 – **Argentium Resources Inc. (CNSX: AOK)** (“**Argentium or company**”) is pleased to provide an update on its 100%-owned Sill Lake silver/lead property located near Sault Ste. Marie, Ontario.

As part of the process of preparing an updated NI 43-101, management has undertaken an extensive review of historical work completed on the property. As part of that review, management is pleased to report that the lead present on the property was historically reported as “Low Alpha Lead”.

Lead usually occurs in combination with other minerals and impurities many of which are alpha emitters such as uranium and thorium. Low alpha lead requires an ore body wherein the lead mineral is high grade and coarsely disseminated making it easier to free it from impurities. Host rock needs to be relatively low in alpha emitters, such as a carbonate rock that is typically low in alpha emitters. Such deposits include Polaris on Little Cornwallis Island, the Pine Point in the Northwest Territories and at Bixby, Mo. All contain galena as the main lead mineral as well as some oxidized lead forms.

Subsequently, Argentium contracted AGAT Laboratories of Mississauga Ontario to assay 3 samples of high-grade galena-bearing quartz-carbonate vein retrieved from the Sill Lake mine. Initial assays on the silver content were above the detectable limits of 500g/t for silver and have been re-assayed. The company has also assayed the isotopes and shall be reporting them as well. The re-assay data is being compiled now and shall be released as soon as it is available.

Argentium has dispatched a ground crew to bring the property into compliance with the Ministry of Northern Development and Mines (MNDM) standards. All fencing of open cuts and openings have been brought into compliance by re-cutting all the lines and properly mapping them to correct past drilling interpretations.

Working with the Ministry of Natural Resources, the Company has relocated structures on the property to bring them into compliance as well as improved existing road access. Argentium has also commenced application with the Ministry to bring their claims to lease.

The Company furthermore commenced baseline environmental studies necessary to apply for and receive a dewatering permit of the underground workings in order access them and allow for proper sampling.

Argentium is also compiling all the historic data into a 3D model to identify new drill targets and optimize its upcoming drill program. The Company has selected a drill company and drilling on the property is slated to commence this quarter.

The project boasts historical measured, indicated, and inferred resources of 1,058,000 ounces of silver and 97 million lbs. of lead, as per the company’s current NI 43-101 (which is available at www.argentiumresources.com). Argentium’s management team is planning to complete the work required to move the inferred resource into NI 43-101 compliance status while striving to expand the resource.

“Under the leadership of our new management team we have taken the initial steps in a focused exploration program at our Sill Lake Project,” commented John Carter, President & CEO. “We have a sizable historical resource upon which to build and we believe we can expand it with targeted ground work and drilling. Our team has done the necessary work to bring us into compliance with the Ministries. This is a new beginning for Argentium and we are eager to report our progress as we start our drill program and discover the potential of our flagship silver/lead property.”

About Argentium Resources Inc.

Argentium Resources Inc. pursues silver mining exploration, development and production opportunities within North America and other international jurisdictions. Argentium's project pipeline consists of a balance of high-potential pre-feasibility and early stage exploration properties. The company’s goal is to start generating cash flow with highly potential projects which can be used to finance further expansion of resources and exploration of other,

untested, high-grade targets. Argentium is well-positioned for sustained growth and performance with a fundamental commitment to both sustainable growth for shareholders and to the environment.

For additional information, please visit: www.argentiumresources.com

ARGENTIUM RESOURCES INC.

"John A. Carter"

President & CEO

The CNSX has neither approved nor disapproved the contents of this press release.

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