



SOLEX RESOURCES RECEIVES VERY POSITIVE METALLURGICAL TEST RESULTS FROM LARGE SCALE MACUSANI LEACH TEST

May 14, 2009 – Vancouver B.C.: Solex Resources Corp. (TSX-V: SOX) (“Solex” or the “Company”) today announced that it has received the results of metallurgical test work conducted by SGS Mineral Services (“SGS”) in Peru using the combined expertise of SGS’s staff from Peru, Chile and Canada. The tests used Solex’s own mobile laboratory test unit designed and built by SGS in Chile.

“These metallurgical results prove that uranium can be recovered quickly and cheaply across a variety of mineralised rock types found on our properties in the Macusani region of Peru. We are now planning further metallurgical tests on rock from Macusani East and larger scale testing of samples of up to 200 tonnes,” said Jonathan Challis, Solex Resources Corp’s President and CEO. “Furthermore, this lab test was the first of its kind to be fully authorized by the Peruvian Institute of Nuclear Energy (IPEN) and the local communities.”

Samples were taken from 3 surface locations (from trenches and shallow pits) at the Macusani West and Macusani South projects and transported to the test unit, located at SGS’s compound in Juliaca, Province of Puno, Peru. A total of 2.4 tonnes of material was extracted from the Pichune (Pich) target at Macusani South, 2.1 tonnes from the Vizcachacunca (Viz) target also at Macusani South and 1.5 tonnes from the Chahuana prospect in Macusani West.

The extraction of the uranium does not vary significantly with different crushing sizes or solution flow rates. The low grade (0.165 lbs/t) samples from the Pich target resulted in an extraction rate of 89.3% of the contained uranium into solution compared to the high grade (3.36 lbs/t) samples from the Viz target which resulted in an extraction rate of 99.5%. The sample from the Chahuana target (grade of 0.99 lbs/t) gave a 97.8% extraction at a crush size of 1 inch. All the samples from the three locations showed a fast kinetic response and very high uranium extraction, with only a marginal increase in extraction by reducing the crush size from 1 inch to 0.5 inch. Acid consumption was low in all three samples with most of the uranium extracted within the first 20 days of the 60 day leach test.

SGS Lakefield Research Chile SA designed and built the mobile laboratory that is housed in two standard 40 foot shipping containers. The leach test container has 12 PVC leach columns, each being 40 centimetres in diameter and 180 centimetres in height. In addition, the container contains full instrumentation to enable the tests to be monitored accurately, the necessary tanks and pumps to circulate and store the leach solutions. The other container is equipped for sample preparation with a jaw crusher, roll crusher, grinder, oven, dust collection system and work tables. All analytical work was conducted by SGS in Lima.

About Solex Resources Corp.

Solex Resources Corp. is the dominant landholder in southern Peru's Macusani Uranium District with concessions covering over 904 km² where in excess of 55 uraniferous anomalies have been

identified on Solex properties. Solex is exploring three properties in the Macusani region (Macusani East, Macusani West and Macusani South), in addition to the Picotani uranium project. NI 43-101 reports were filed during 2008 on the Princesa silver, lead and zinc property and on the Pilunani lead and zinc project.

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

This news release may contain forward-looking statements that are based on Solex's expectations, estimates and projections regarding its business and the economic environment in which it operates. These statements are not guarantees of future performance and involve risks and uncertainties that are difficult to control or predict. Therefore, actual outcomes and results may differ materially from those expressed in these forward-looking statements and readers should not place undue reliance on such statements. Statements speak only as of the date on which they are made, and the Company undertakes no obligation to update them publicly to reflect new information or the occurrence of future events or circumstances, unless otherwise required to do so by law.

-30-

FURTHER INFORMATION:

Deborah Thiel
Corporate Development
Cell: 604-512-9691
Toll Free: 1 (877) 646-4488
Email: dthiel@solexresources.com
Website: www.solexresources.com