

SILVER SUN RESOURCE CORP.

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NEWS RELEASE

Trading Symbol TSX-V: SSU

Silver Sun Begins Metallurgical Test Program

Vancouver, British Columbia (August 3rd, 2010) – Silver Sun Resource Corp. (“Silver Sun” or “the Company”) is pleased to announce that it has contracted SGS de Mexico S.A. de C.V to carry out metallurgical test-work on the mineralized stockpiles from the Company’s Zacatecas properties.

The test program will consist of a Cyanide Leach Bottle-Roll Test to generate kinetic gold/silver extraction curves and to determine Sodium Cyanide and Lime consumptions. Further, two Flotation Tests will be performed on each sample to identify Primary Flotation, Scavenger Flotation and two cleaning stages. All concentrates will be analyzed for Au, Ag, Pb, Zn, Cu and Fe.

Results from the Metallurgical Test Program are expected to be available to the Company in approximately 8 weeks.

“This is the next critical step in our Company’s goal towards production of our Zacatecas project”, states Silver Sun’s President, Mark McLeary. “Together with the property survey and average ore grades, the Company will have a measurable idea as to the value of its stockpile”.

About Silver Sun Resource Corp.

Silver Sun is a Canadian-based resource company focused on the acquisition precious base metal deposits in Mexico and North America. The Company is engaged in an on-going work program on the Zacatecas, Salvador and Mina San Jose properties, located within the prolific Zacatecas Silver District in Mexico. The Company is operated by an experienced management team with a growth strategy to develop a diversified portfolio of mining projects.

ON BEHALF OF THE BOARD OF DIRECTORS

“Mark A. McLeary”
President

Forward Looking Statements

This news release contains “forward-looking statements”, within the meaning of applicable securities laws. These statements include, but are not limited to, statements concerning the business, operations and financial performance and condition of Silver Sun. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as “plans”, “expects” or “does not expect”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates” or “does not anticipate”, or “believes”, or variations of such words and phrases or state that certain actions, events or results “may”, “could”, “would”, “might” or “will be taken”, “occur” or “be achieved”. Forward-looking statements are based on the opinions and estimates of management as of the date such statements are made, and they are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, use of proceeds, level of activity, performance or achievements of Silver Sun to be materially different from those expressed or implied by such forward-looking statements, including but not limited to risks related to: risks related to exploration; actual resource viability, technical or other delays in processing the results from the anticipated metallurgical test program, and other risks relating to the mining industry. Although management of Silver Sun has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. Silver Sun does not undertake to update any forward-looking statements that are incorporated by reference herein, whether as a result of new information, future events or otherwise, except in accordance with applicable securities laws.

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