



SilverCrest Reports Status of NI 43-101 Report, Positive Metallurgy and Sampling Results at Santa Elena, Mexico

TSX-V: SVL

For Immediate Release

VANCOUVER, B.C. September 11, 2006 – SilverCrest Mines Inc. (SVL, the “Company”) is pleased to announce that the NI 43-101 technical report, including a resource estimate, being prepared for the Santa Elena project in northern Mexico is expected to be completed within the next 30 days. The project is located approximately 150 kilometres northeast of Hermosillo, Sonora, Mexico and is easily accessible with excellent local infrastructure. The Company has the right to acquire a 100% interest in the project by making staged option payments over a period of 5 years.

NI 43-101 Technical Report

The NI 43-101 technical report being prepared by the Company for its Santa Elena property is expected to be completed within the next 30 days. This report will provide estimates of measured, indicated and inferred gold and silver resources for the deposit. The resource estimate will include the results of 19 drill holes and extensive underground and surface sampling by both the Company and from verified historical sources.

The 19 hole drill program was the first substantial drill program ever for the property and was designed to test the extent of silver and gold mineralization previously identified by underground workings in an area approximately 800 metres long and 200 metres deep. This initial drill program successfully identified a substantial zone of silver and gold mineralization that is potentially open-pittable and heap leachable. (Please see our newly re-designed web site www.silvercrestmines.com - Press Releases dated May 9, 2006, April 12, 2006 and December 15, 2005 for assay results and property details)

Metallurgical Test Results

The Company has obtained data for historical metallurgical tests that suggest the Santa Elena deposit may be amenable to conventional heap leach processing. In order to verify the historical test work and to provide its own verifiable metallurgical test results, the Company engaged Sol and Adobe S.A. de C.V. of Hermosillo, Mexico who, in association with the University of Sonora, carried out standard bottle roll tests on samples provided by the Company.

A total of six representative mineralized samples were collected by SilverCrest from drill core and underground workings at selective locations from near surface to a depth of approximately 100 metres. The bottle roll leach tests were carried out on dry material pulverized to 100% minus 10 mesh. A thousand gram portion of pulverized material was placed into a five litre bottle and slurried with distilled water. The pH of the slurry was checked and adjusted as required to between 10.5 and 11.0 with hydrated lime. Sodium cyanide was added to the slurry and the bottle was placed on a set of laboratory rollers. The slurry was checked at 2, 4, 6, 12, 24 and 72 hours for pH, NaCN, Au and Ag. After completion of the leach period, the slurry was filtered, washed and the final tailings were dried. The dried tailings were re-pulverized and assayed for gold and silver.

The average composite results for the metallurgical test work at Santa Elena are as follows;

Au Head Grade g/t	Au Extracted g/t	Au Recovery %	Ag Head Grade g/t	Ag Extracted g/t	Ag Recovery %	Crush Size Mesh	Leach Days	Consumption NaCN kg/Mt
1.947	1.427	73.0	65.2	28.07	42.3	10	3	1.0

Individual test results showed gold recoveries ranging from 68% to 78% and silver recoveries ranging from 20% to

58%. Cyanide consumption ranged from 0.5 to 1.74 kg/Mt. These results are within the expected ranges for deposits of this nature and confirm the Santa Elena deposit's potential amenability to heap leach processing. The Company intends to move to the next stage of metallurgical testing by carrying out bulk column test work to further define the leachability of the deposit. This phase of testing is expected to commence as soon as representative sample are prepared and shipped to the test facility.

Surface Program

In May and June 2006, an extensive surface sampling program (see attached location map) was completed in the footwall area of the main mineralized zone. This program was carried out to follow up previous significant results showing true mineralized widths up to 18.5 metres grading 316 g/t silver and 0.4 g/t gold. The best results from this footwall surface program are in trench T2 with 48.0 metres (155.0 feet) grading 1.74 g/t Au (0.051 oz/t) and 74.3 g/t Ag (2.16 oz/t).

Surface Channel sampling consisting of continuous 2 to 5 metre sample was completed along exposed road cuts, outcrops and trenches with results as follows;

TRENCH	FROM (metres)	TO (metres)	LENGTH (metres)	LENGTH (feet)	Au g/t	Au oz/t	Ag g/t	Ag oz/t
T1	0	23	23	74	0.34	0.010	160.4	4.7
T2	0	10	10	32	0.19	0.006	74.3	2.2
T2(cont.)	10	58	48	155	1.74	0.051	71.8	2.1
T4	0	42	42	135	1.32	0.038	55.8	1.6
T5	0	12	12	39	0.19	0.005	35.3	1.0
T6	0	25	25	81	0.31	0.009	93.9	2.7
T7	10	40	30	97	1.81	0.053	15.6	0.5
T8	0	154	154	497	0.51	0.015	19.1	0.6
T9	25	45	20	64	1.05	0.030	4.6	0.1
T10	0	92	92	297	1.54	0.045	15.7	0.5

The trenching and surface sampling will provide additional information for determining the continuity of mineralization from surface to the known underground workings and drill intercepts. Analysis for all samples was completed by ALS-Chemex in Hermosillo, Mexico and North Vancouver, BC.

Phase II Drill Program

A Phase II drill program (see attached location map) is planned for Santa Elena commencing in the third quarter of 2006. This 15 to 20 hole drill program will likely include both rotary and diamond drilling. The rotary drilling will be designed to test the footwall zone and its higher grade cross structures and provide infill drilling in the main zone to improve the confidence level of the thickness and grade of the main portion of the deposit. The diamond drill program will test the extension of the deposit to the east of drill hole SE-06-1 8 (15.3 metres grading 3.5 1g/t Au and 107.4g/t Ag) beyond which the current resource model is restricted by lack of data.

J. Scott Drever, President stated; "We are very encouraged by the progress that we have made towards defining our initial objectives at Santa Elena. The results of the initial drill program met our expectations and the completion of the Ni 43-101 resource estimate will be an important step in defining the initial size and grade of the deposit. The planned drilling will help to further define the potential size of the deposit and the proposed metallurgical test work is expected to further confirm the deposit's potential amenability to heap leaching."

The Qualified Person for this news release is N. Eric Fier, CPG, P.Eng. and Chief Operating Officer for SilverCrest Mines Inc.

SilverCrest Mines Inc. is a “pure silver” exploration and development company with a portfolio of high grade silver deposits and exploration properties located in El Salvador and Mexico. This property portfolio, which includes reported indicated and inferred silver resources and substantial exploration potential, provides an important base from which SilverCrest can develop its corporate objective of becoming a significant silver asset based company. The Company’s immediate initiative is to acquire and develop substantial silver resources and ultimately to operate high grade silver mines throughout North, Central and South America.

This news release contains forward-looking statements, which address future events and conditions, which are subject to various risks and uncertainties. The Company’s actual results, programs and financial position could differ materially from those anticipated in such forward-looking statements as a result of numerous factors, some of which may be beyond the Company’s control. These factors include: the availability of funds; the timing and content of work programs; results of exploration activities and development of mineral properties, the interpretation of drilling results and other geological data, the uncertainties of resource and reserve estimations, receipt and security of mineral property titles; project cost overruns or unanticipated costs and expenses, fluctuations in metal prices; currency fluctuations; and general market and industry conditions.

Forward-looking statements are based on the expectations and opinions of the Company’s management on the date the statements are made. The assumptions used in the preparation of such statements, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements

***On Behalf of the Board of Directors of
SilverCrest Mines Inc.***

“J. Scott Drever”

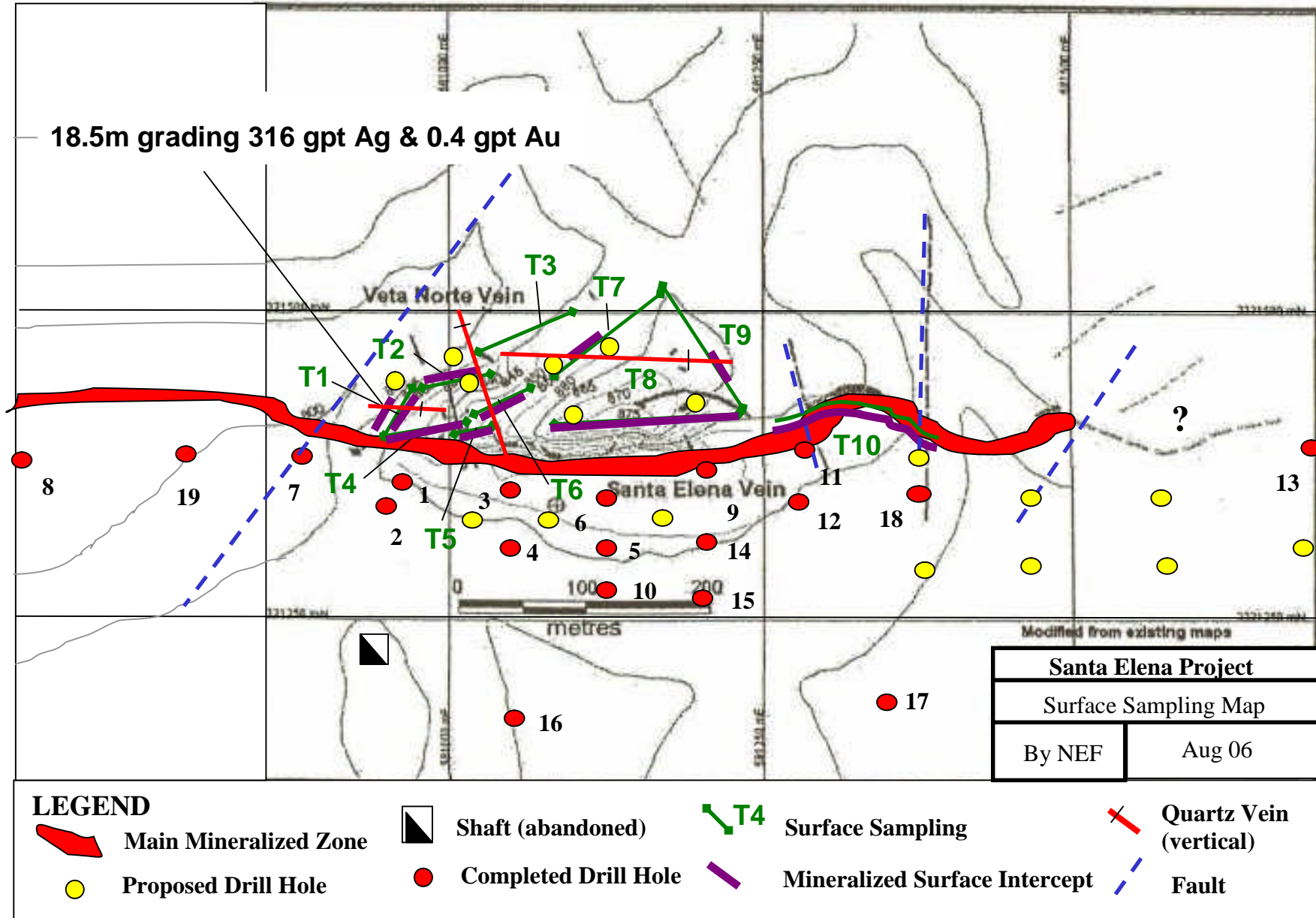
J. Scott Drever, President

For further information, please contact:

Fred Cooper
1311 Howe Street, Suite 405
Vancouver, BC V6Z 2P3

Telephone: (604) 691-1730
Fax: (604) 691-1761
Email: info@silvercrestmines.com
Website: www.silvercrestmines.com

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Santa Elena Project	
Surface Sampling Map	
By NEF	Aug 06