



## SilverCrest Updates El Zapote Resources; Reports Tajado Drill Results

TSX-V: SVL

For Immediate Release

VANCOUVER, BC September 13, 2005 – SilverCrest Mines Inc. (the “Company”) is pleased to announce the results of its updated resource estimation for the 100% owned El Zapote Project in El Salvador where the Company is currently conducting a feasibility study. The new resources for the project, which includes resources for the Tajado deposit, are presented below.

Resource Category (Revised)	Tonnes (metric) (000)	Tons (short) (000)	Ag g/t	Ag oz/t	Au g/t	Zn %	Contained Ag Ounces	Contained Zn Pounds
Indicated*	1,925	2,111	177.7	5.2	0.19	1.17	10,941,333	49,401,658
Inferred **	1,086	1,198	101.6	3.0	0.18	1.22	3,550,565	29,220,488
(Previous)								
Indicated*	2,286	2,519	163.4	4.8	0.13	1.35	12,007,378	68,025,684
Inferred	743	819	95.9	3.1	0.12	1.44	2,288,007	23,595,000

\*Indicated includes Measured resources which represent a majority of this category. Cut off grade equals 34.0 gm/t Ag. Numbers are rounded.

\*\* The Tajado resource is all in the Inferred resource category

These resources are based on the combined results of work programs completed by the Company and previous operators and included 87 drill holes totalling 8,662 metres and 23 trenches totalling 446 metres. The revised El Zapote resources are contained 65% in the main Cerro Colorado III deposit, 7% in the San Casimiro satellite deposit, and 29% the Tajado satellite deposit. The deposits also contain a significant amount of zinc. The Indicated Resources contain 49.4 million pounds of zinc and Inferred Resources contain 29.2 million pounds of zinc.

Revisions to the resource model, based on the results of the additional drilling, converted much of the original Inferred resource to Indicated resources while at the same time eliminated a portion of the previous Indicated resource. The net effect of these changes reduced the total Indicated resource tonnage from 2.28 million tonnes to 1.92 million tonnes but raised the grade from 163.4 g/t silver to 177.7 g/t silver. Gold grades increased and zinc grades were slightly reduced. The revised resource estimation was prepared by N. Eric Fier, CPG, P. Eng., Qualified Person and Chief Operating Officer of the Company.

During the first quarter of 2005, composite samples of drill core were collected from site and transported to International Plasma Labs (IPL) in Vancouver, B.C. Results from extensive metallurgical test work show a recovery of 85%-92% for silver and gold and approximately 80%-90% for zinc (before net smelter return). The preliminary process flow sheet suggests a conventional cyanide recovery circuit for silver with the later addition of a float circuit to recover zinc and lead. Further metallurgical work is ongoing to determine the optimum processing circuit, which will include consideration of a possible heap leach operation.

A preliminary Environmental Assessment was submitted to the Salvadoran government early in 2005 for review and comment. Detailed baseline data collection is ongoing and will form the basis of a final Environmental Impact Study as a requirement of the permitting process for the issuance of a mining permit. Preparation of the final EIS is dependent upon receipt of the terms of reference from the Department of Environment.

The recent increase in many capital and operating parameters (fuel prices, materials, contracting and construction costs, etc.) that are affecting mining operations globally are also impacting the initial results from the economic modelling of the project. The preliminary economic analyses performed to date show that these increases may be offset by optimizing operational cost, improving metallurgical efficiencies and increasing plant throughput to take advantage of economies of scale. The Company will continue its efforts to optimize the cost parameters of the project and to increase the resource base through intensive exploration of the concession area.

Continuing work on El Zapote includes completion of the environmental baseline work and HS, optimized metallurgical testing, receipt of local contractor bids for optimized operating costs and concession target prioritization for potential resource increase.

### Tajado Deposit

Assay results for the latest series of drill hole results on the Tajado deposit are presented below. Hole T05-22 is of particular note in that it encountered 31.0 metres of 72.2 g/t Ag and 4 % zinc. Work to date indicates that the deposit is open to depth and along strike. Additional work is planned to determine the potential for additional resources.

DH Hole Number	From (metres)	To (metres)	Interval (metres)	Interval (feet)	Weighted Average Grades		
					Ag g/t	Ag oz/t	Zn %
T05-14	36.0	41.0	5.0	<b>16.4</b>	54.4	<b>1.67</b>	0.56
T05-15	55.0	57.0	2.0	<b>6.5</b>	42.0	<b>1.22</b>	0.42
T05-16	18.0	36.0	18.0	<b>59.0</b>	122.2	<b>3.56</b>	0.34
includes	18.0	26.0	8.0	<b>26.2</b>	176.8	<b>5.15</b>	0.36
T05-19	9.0	13.0	4.0	<b>13.1</b>	87.1	<b>2.54</b>	0.22
T05-20	29.0	33.0	4.0	<b>13.1</b>	61.8	<b>1.80</b>	0.10
<b>T05-22</b>	54.0	85.0	31.0	<b>101.6</b>	72.2	<b>2.10</b>	<b>4.02</b>
includes	54.0	64.0	10.0	<b>32.8</b>	112.5	<b>3.28</b>	<b>7.41</b>
includes	83.0	85.0	2.0	<b>6.5</b>	315.1	<b>9.18</b>	0.55
T05-23	26.0	33.1	7.1	<b>23.2</b>	41.0	<b>1.20</b>	Pending
	53.0	65.0	12.0	<b>39.3</b>	44.8	<b>1.30</b>	Pending

Drill holes T05-17, T05-18 and T05-21 were drilled outside the zone and showed no significant values.

All analytical work on drill samples was completed by CAS de Honduras (a subsidiary of U.S. based Custom Analytical Services Inc.) and ACME Labs in Vancouver.

The Qualified Person, as defined by National Policy 43-101, responsible for the preparation of the technical information included in this press release and for supervision of field activities related to the Company's projects is N. Eric Fier, CPG, P. Eng., Qualified Person and Chief Operating Officer of the Company.

**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, Mexico and Honduras. 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 in North and Central 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](mailto:info@silvercrestmines.com)  
Website: [www.silvercrestmines.com](http://www.silvercrestmines.com)  
Toll Free: **1-866-691-1730 (Canada & USA)**

The TSX-Venture Exchange has not reviewed and does not accept responsibility for the accuracy or adequacy of this release.