Silver Standard Resources Inc.

Silver Standard Extends Strike Length of the Breccia Ridge Zone at Pitarrilla Silver Project in Mexico

Vancouver, B.C. - Silver Standard Resources Inc. is pleased to report that ongoing drilling at its wholly-owned Pitarrilla project in Mexico has been successful in substantially extending the strike length of the Breccia Ridge/South Ridge Zone, defining the Javelina Creek Zone and intersecting a fifth silver zone. The wholly-owned property is located approximately 150 kilometers (90 miles) north of Durango City in the state of Durango and is easily accessible by road.

Highlights from the ongoing program include:

- Diamond drill hole PD-30 at Breccia Ridge which intersected:
  - 275 feet averaging 3.8 ounces of silver per ton (83.8 meters averaging 130.2 grams of silver per tonne), 1.55% zinc and 0.58% lead, including 92.5 feet of 9.0 ounces of silver per ton (28.2 meters averaging 308.6 grams of silver per tonne), 1.03% zinc and 0.74% lead;
- Diamond drill hole PD-33 on South Ridge which intersected:
  - 250 feet averaging 2.7 ounces of silver per ton (76.2 meters averaging 93.8 grams of silver per tonne);
- Reverse circulation hole BP-140 on South Ridge which intersected:
  - 141.1 feet averaging 7.8 ounces of silver per ton (43 meters averaging 266.5 grams of silver per tonne), including 29.5 feet of 21.9 ounces of silver per ton (9.0 meters averaging 751.9 grams of silver per tonne); and,
- Reverse circulation hole BP-167 at the Saddle Zone, a new silver zone located approximately 500 meters north of Breccia Ridge, which intersected:
  - 91.9 feet averaging 4.5 ounces of silver per ton (28.0 meters averaging 154.0 grams of silver per tonne).

Drilling between the previously designated Breccia Ridge and South Ridge zones intersected mineralization, linking the two zones and extending the total strike length to over 1,100 meters. The combined zone is open along strike and at depth.

The company has also completed infill drilling at the recently discovered Javelina Creek Zone. This zone of near-surface mineralization, which measures approximately 200 meters by 300 meters, is located about one kilometer northeast of the Breccia Ridge Zone.

With the newly discovered Saddle Zone intersected in hole BP-167, the Pitarrilla project now hosts five drill-defined zones of silver mineralization and includes the Cordon Colorado and Peña Dyke zones (for which resource estimates have been completed), Breccia Ridge/South Ridge, Javelina Creek, and Saddle zones.

Exploration work for the remainder of 2005 will be concentrated on extension and infill drilling of the Breccia Ridge/South Ridge Zone, further drilling at the Saddle Zone, and detailed examination of other areas nearby where anomalous values in silver and gold have been identified.

Silver Standard reported the discovery of silver mineralization at Pitarrilla in late 2003. Last fall, following 129 reverse circulation drill holes at the Cordon Colorado and Peña Dyke zones, the company reported indicated silver resources totaling 16.5 million tonnes grading 113.5 grams of silver per tonne (60.2 million ounces of silver) and inferred silver resources of 4.8 million tonnes grading 85.1 grams of silver per tonne (13.1 million ounces of silver). Engineering studies and metallurgical testwork are ongoing.

Kenneth C. McNaughton, M.A.Sc., P.Eng., vice president, exploration, Silver Standard Resources Inc., is the qualified person responsible for the exploration program at Pitarrilla.

Silver Standard Resources Inc. is a well-financed silver resource company with $29.7 million in cash, and 1.95 million ounces of physical silver, marketable securities and other investments valued at $21.9 million at August 31, 2005. The company continues to seek resource growth through acquisitions and exploration and development of its own projects.

- 30 -

For further information, contact:

Robert A. Quartermain, President
Silver Standard Resources Inc.
Vancouver, B.C.
(604) 689-3846

Paul LaFontaine, Director, Investor Relations
Silver Standard Resources Inc.
Vancouver, B.C.
N.A/ toll-free: (888) 338-0046
Direct: (604) 484-8212
E-Mail: invest@silverstandard.com

To receive Silver Standard's news releases by e-mail, contact Paul LaFontaine, director, investor relations at invest@silverstandard.com or call (888) 338-0046. The TSX has neither approved nor disapproved of the information contained herein. The statements that are not historical facts are forward-looking statements involving known and unknown risks and uncertainties which could cause actual results to vary considerably from these statements. The risks and uncertainties include those described in Silver Standard's SEC Form 20F as amended.

Cautionary note to U.S. investors concerning disclosure of estimates of mineral resources and contained ounces of silver: The terms "indicated resource" and "inferred resource" used in this news release are Canadian geological and mining terms as defined in accordance with National Instrument 43-101, Standards of Disclosure for Mineral Projects under the guidelines set out in the Canadian Institute of Mining, Metallurgy and Petroleum (the "CIM") Standards on Mineral Resources and Mineral Reserves, adopted by the CIM Council on August 20, 2000 as may be amended from time to time by the CIM. We advise U.S. investors that while such terms are recognized and permitted under Canadian regulations, the SEC does not recognize them. U.S. investors are cautioned not to assume that any part or all of the mineral deposits in the indicated category will ever be converted into reserves. "Inferred resources" have a great amount of uncertainty as to their existence, and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to a higher category. Under Canadian rules estimates of inferred mineral resources may not form the basis of feasibility or other economic studies. U.S. investors are cautioned not to assume that any part or all of an inferred resource exists, or is economically or legally mineable.

Disclosure of silver resources expressed in ounces in the mineral resource category in this news release is in compliance with National Instrument 43-101, but does not meet the requirements of Industry Guide 7, Description of Property by Issuers Engaged or to be Engaged in Significant Mining Operations, of the SEC, which will accept only the disclosure of tonnage and grade estimates for non-reserve mineralization.

Selected Pitarrilla Drill Results - September 2005(i)

Hole No.	Location (UTM)	Dip/ Azimuth	From (in meters)	To (in meters)	Inter-val (in meters)	Silver Grade (in grams/ tonne)	Inter-val (in feet)	Sil-ver Grade (in oz./ ton)
Breccia Ridge/South Ridge Zones								
PD-28								
(1)	503780E 2811179N	50 degrees/ 246 degrees	0.0	88.8	88.8	58.3	291.2	1.7
incl.			53.3	71.6	18.3	94.9	60.0	2.8
and			125.0	216.4	91.4	99.4	300.0	2.9
incl.			179.3	199.7	20.3	225.3	66.7	6.6
and			216.4	285.0	68.6	31.7	225.0	0.9
PD-29	503732E 2811255N	50 degrees/ 245 degrees	73.3	93.0	19.7	49.5	64.5	1.4
PD-30	503793E 2811251N	65 degrees/ 247.5 degrees	103.6	129.5	26.0	55.8	85.2	1.6
and			146.3	230.1	83.8	130.2	275.0	3.8
incl.			162.3	190.5	28.2	308.6	92.5	9.0
and			333.8	336.8	3.0	920.3	10.0	26.8
PD-31	503864E 2810948N	50 degrees/ 244.5	33.3	64.0	30.8	44.9	100.9	1.3

		degrees						
			137.6	164.3	26.7	49.7	87.7	1.4
PD-32	503964E	50	111.3	153.9	42.7	77.7	140.0	2.3
	2811036N	degrees/						
		244						
		degrees						
			284.0	306.3	22.3	40.2	73.3	1.2
PD-33	504063E	65	15.2	24.1	8.9	94.2	29.1	2.7
	2810729N	degrees/						
		246						
		degrees						
			157.0	233.2	76.2	93.8	250.0	2.7
PD-34	504169E	60	29.8	74.8	45.0	149.1	147.7	4.3
	2810569N	degrees/						
		245						
		degrees						
			86.9	98.0	11.1	53.6	36.5	1.6
PD-35	503720E	50	112.8	144.8	32.0	23.0	105.0	0.7
	2811403N	degrees/						
		240						
		degrees						
			193.6	224.1	30.5	27.8	100.1	0.8
PD-36	503988E	50	103.6	120.1	16.5	36.3	54.1	1.1
	2810910N	degrees/						
		245						
		degrees						
			254.2	266.4	12.2	43.4	40.0	1.3
PD-37	504147E	50	68.9	72.6	3.7	221.6	12.0	6.5
	2810280N	degrees/						
		51						
		degrees						
			127.9	144.8	16.9	139.1	55.3	4.1
			295.9	305.8	9.9	40.9	32.5	1.2
BP-140	504108E	60	0.0	43.0	43.0	266.5	141.1	7.8
	2810638N	degrees/						
		245						
		degrees						
incl.			11.0	20.0	9.0	751.9	29.5	21.9
BP-141	504194E	50	No significant mineralization					
	2810566N	degrees/						
		65						
		degrees						
BP-142	504166E	60	25.0	66.0	41.0	163.0	134.5	4.8
	2810570N	degrees/						
		245						
		degrees						
Saddle Zone								
BP-167	503957E	50	18.0	46.0	28.0	154.0	91.9	4.5
	2811894N	degrees/						
		270						
		degrees						
Javelina Creek Zone								
BP-144	504666E	50	0.0	26.0	26.0	108.4	85.3	3.2
	2811637N	degrees/						
		120						
		degrees						
			81.0	88.0	7.0	96.1	23.0	2.8
BP-145	504598E	50	1.0	25.0	24.0	217.2	78.7	6.3
	2811674N	degrees/						
		120						

		degrees						
			45.0	90.0	45.0	149.0	147.6	4.3
BP-146	504389E	50	3.0	46.0	43.0	69.0	141.1	2.0
	2811878N	degrees/						
		305						
		degrees						
			58.0	86.0	28.0	75.3	91.9	2.2
BP-147	504331E	50	6.0	17.0	11.0	117.2	36.1	3.4
	2811855N	degrees/						
		270						
		degrees						
			86.0	89.0	3.0	55.5	9.8	1.6
BP-148	504262E	50	31.0	44.0	13.0	62.7	42.7	1.8
	2811945N	degrees/						
		305						
		degrees						
			52.0	70.0	18.0	76.6	59.1	2.2
			74.0	85.0	11.0	66.5	36.1	1.9
BP-149	504408E	45	No significant mineralization					
	2811789N	degrees/						
		115						
		degrees						
BP-150	504424E	50	0.0	24.0	24.0	75.0	78.7	2.2
	2811716N	degrees/						
		300						
		degrees						
BP-151	504560E	50	0.0	6.0	6.0	89.4	19.7	2.6
	2811637N	degrees/						
		330						
		degrees						
			32.0	35.0	3.0	118.3	9.8	3.4
			59.0	68.0	9.0	38.3	29.5	1.1
BP-152	504633E	50	27.0	77.0	50.0	198.8	164.0	5.8
	2811593N	degrees/						
		330						
		degrees						
BP-153	504624E	50	0.0	8.0	8.0	139.3	26.2	4.1
	2811571N	degrees/						
		150						
		degrees						
BP-154	504303E	50	No significant mineralization					
	2811727N	degrees/						
		125						
		degrees						
BP-155	504427E	50	34.0	37.0	3.0	217.9	9.8	6.4
	2811497N	degrees/						
		120						
		degrees						
			48.0	52.0	4.0	78.8	13.1	2.3
BP-156	504483E	50	9.0	50.0	41.0	93.8	134.5	2.7
	2811455N	degrees/						
		120						
		degrees						
BP-157	504531E	50	0.0	6.0	6.0	134.6	19.7	3.9
	2811439N	degrees/						
		120						
		degrees						
			14.0	24.0	10.0	51.8	32.8	1.5
BP-158	504457E	50	46.0	68.0	22.0	37.0	72.2	1.1
	2811538N	degrees/						
		120						
		degrees						

			83.0	88.0	5.0	51.9	16.4	1.5
BP-159	504516E 2811494N	50 degrees/ 120 degrees	6.0	13.0	7.0	197.5	23.0	5.8
BP-160	504590E 2811469N	50 degrees/ 120 degrees	0.0	14.0	14.0	283.2	45.9	8.3
BP-161	504663E 2811471N	50 degrees/ 120 degrees	0.0	12.0	12.0	89.1	39.4	2.6
			35.0	45.0	10.0	46.4	32.8	1.4
			75.0	80.0	5.0	92.5	16.4	2.7
BP-162	504725E 2811281N	50 degrees/ 160 degrees	No significant mineralization					
BP-163	504820E 2811236N	50 degrees/ 160 degrees	0.0	15.0	15.0	32.3	49.2	0.9
BP-164	505024E 2811124N	75 degrees/ 150 degrees	7.0	13.0	6.0	50.5	19.7	1.5
BP-165	504786E 2811251N	75 degrees/ 150 degrees	0.0	25.0	25.0	96.4	82.0	2.8
incl.			6.0	20.0	14.0	117.1	45.9	3.4
BP-166	504991E 2812121N	50 degrees/ 270 degrees	2.0	12.0	10.0	81.4	32.8	2.4
			33.0	45.0	12.0	273.4	39.4	8.0
BP-168	504574E 2811536N	50 degrees/ 300 degrees	0.0	4.0	4.0	66.6	13.1	1.9
BP-169	504623E 2811505N	50 degrees/ 300 degrees	0.0	13.0	13.0	113.4	42.7	3.3
			0.0	5.0	5.0	203.8	16.4	5.9
			63.0	68.0	5.0	81.9	16.4	2.4
BP-170	504679E 2811491N	50 degrees/ 300 degrees	No significant mineralization					
BP-171	504628E 2811468N	50 degrees/ 120 degrees	0.0	12.0	12.0	125.6	39.4	3.7
			68.0	88.0	20.0	59.4	65.6	1.7
BP-172	504594E 2811426N	50 degrees/ 120 degrees	6.0	9.0	3.0	66.5	9.8	1.9
BP-173	504230E 2811805N	-50 degrees/	49.0	51.0	2.0	110.0	6.6	3.2

		120 degrees						
BP-174	504120E 2811900N	-50 degrees/ 120 degrees	No significant mineralization					
BP-175	504290E 2811910N	-50 degrees/ 300 degrees	48.0	51.0	3.0	89.2	9.8	2.6
			67.0	69.0	2.0	165.5	6.6	4.8
			85.0	89.0	4.0	115.1	13.1	3.4
BP-176	504480E 2811680N	-50 degrees/ 300 degrees	48.0	53.0	5.0	101.1	16.4	2.9
			64.0	84.0	20.0	88.2	65.6	2.6
			97.0	102.0	5.0	95.8	16.4	2.8
BP-177	504562E 2811638N	-50 degrees/ 40 degrees	0.0	18.0	18.0	87.2	59.1	2.5
			48.0	57.0	9.0	152.1	29.5	4.4
			67.0	83.0	16.0	53.1	52.5	1.5

(i) True thicknesses to be determined.
(1) Top of PD-28 previously reported.

Kenneth C. McNaughton, M.A.Sc., P.Eng., and vice president, exploration, Silver Standard Resources Inc., is the Qualified Person (QP) responsible for the Pitarrilla exploration program and has verified the data in the table above. All assays were submitted for preparation and analysis by ALS Chemex at its facilities in Guadalajara, Mexico (preparation) and Vancouver, B.C. (analysis). All samples were analyzed using three acid digestion with ICP finish. Samples over 100 grams were reanalyzed using four acid digestion with an ore grade AA finish. Samples over 1,000 grams were fire assayed with a gravimetric finish.