

Pan American

SILVER CORP.

Mineral Reserves and Resources

As of December 31, 2007

MINERAL RESERVES - PROVEN AND PROBABLE

				Tonnes	Ag	Ag Cont.	Au	Cu	Pb	Zn
	<u>Location</u>	<u>Type</u>	<u>Classification</u>	(000's)	(g/mt)	(000.s ozs)	(g/mt)	(%)	(%)	(%)
Huaron	Peru	Vein	Proven	5,604	189	34,038	N/A	0.32	1.58	3.11
		Vein	Probable	4,007	192	24,788	N/A	0.29	1.69	3.20
Morococha (89.4%)	Peru	Vein/Mantos	Proven	4,131	148	19,693	N/A	0.38	1.39	3.53
		Vein/Mantos	Probable	2,540	152	12,427	N/A	0.34	1.65	3.91
La Colorada	Mexico	Vein	Proven	863	431	11,957	0.49	N/A	1.10	1.93
		Vein	Probable	457	415	6,103	0.46	N/A	1.29	2.21
Quiruvilca	Peru	Vein	Proven	730	175	4,106	0.38	0.93	0.96	3.22
		Vein	Probable	702	149	3,366	0.35	0.38	1.23	3.43
Silver Stockpiles ⁽ⁱ⁾	Peru	Flux Material	Probable	242	297	2,309	N/A	N/A	N/A	N/A
Alamo Dorado	Mexico	Disseminated	Proven	1,775	98	5,608	0.37	N/A	N/A	N/A
		Disseminated	Probable	9,444	114	34,605	0.30	N/A	N/A	N/A
Manantial Espejo ⁽ⁱⁱ⁾	Argentina	Vein	Proven	3,489	151	16,940	2.05	N/A	N/A	N/A
		Vein	Probable	3,701	181	21,538	2.66	N/A	N/A	N/A
San Vicente (95%)	Bolivia	Vein	Proven	1,741	369	20,674	N/A	N/A	N/A	4.03
		Vein	Probable	648	463	9,644	N/A	N/A	N/A	2.76
TOTALS				40,074	177	227,795	-	-	-	-

MINERAL RESOURCES - MEASURED AND INDICATED

				Tonnes	Ag	Ag Cont.	Au	Cu	Pb	Zn
	<u>Location</u>	<u>Type</u>	<u>Classification</u>	(000's)	(g/mt)	(000.s ozs)	(g/mt)	(%)	(%)	(%)
Huaron	Peru	Vein	Measured	1,300	161	6,726	N/A	0.41	2.41	3.96
		Vein	Indicated	846	163	4,421	N/A	0.61	2.12	4.03
Morococha (89.4%)	Peru	Vein/Mantos	Measured	1,154	162	5,999	N/A	0.32	1.33	3.19
		Vein/Mantos	Indicated	1,385	237	10,552	N/A	0.31	1.60	3.16
La Colorada	Mexico	Vein	Measured	186	312	1,871	0.50	N/A	0.97	1.06
		Vein	Indicated	928	313	9,337	0.68	N/A	1.22	1.87
Quiruvilca	Peru	Vein	Measured	4,246	114	15,556	0.59	1.22	0.74	2.01
		Vein	Indicated	953	164	5,028	0.45	0.66	1.34	3.92
Alamo Dorado	Mexico	Disseminated	Measured	263	84	710	0.31	N/A	N/A	N/A
		Disseminated	Indicated	3,610	71	8,241	0.23	N/A	N/A	N/A
Manantial Espejo ⁽ⁱⁱⁱ⁾	Argentina	Vein	Measured	1,807	87	5,054	0.86	N/A	N/A	N/A
		Vein	Indicated	2,288	94	6,915	0.84	N/A	N/A	N/A
San Vicente (95%)	Bolivia	Vein	Measured	509	93	1,520	N/A	N/A	N/A	1.84
		Vein	Indicated	538	253	4,381	N/A	N/A	N/A	3.19
TOTALS				20,014	134	86,312	-	-	-	-

MINERAL RESOURCES - INFERRED

				Tonnes	Ag	Ag Cont.	Au	Cu	Pb	Zn
	<u>Location</u>	<u>Type</u>	<u>Classification</u>	(000's)	(g/mt)	(000.s ozs)	(g/mt)	(%)	(%)	(%)
Huaron	Peru	Vein	Inferred	3,939	177	22,467	N/A	0.26	1.73	2.99
Morococha (89.4%)	Peru	Vein/Mantos	Inferred	6,342	151	30,788	N/A	0.39	1.34	3.44
La Colorada	Mexico	Vein	Inferred	1,828	307	18,052	0.57	N/A	1.57	2.04
Quiruvilca	Peru	Vein	Inferred	2,472	135	10,761	0.64	0.87	1.01	2.88
Alamo Dorado	Mexico	Disseminated	Inferred	518	79	1,316	0.30	N/A	N/A	N/A
Manantial Espejo ⁽ⁱⁱⁱ⁾	Argentina	Vein	Inferred	2,523	107	8,679	1.04	N/A	N/A	N/A
San Vicente (95%)	Bolivia	Vein	Inferred	690	326	7,225	N/A	N/A	N/A	2.62
TOTALS				18,311	169	99,288	-	-	-	-

HISTORICAL ESTIMATES

				Tonnes	Ag	Ag Cont.	Au	Cu	Pb	Zn
<u>Property</u>	<u>Location</u>		<u>Unclassified</u>	(000's)	(g/mt)	(000.s ozs)	(g/mt)	(%)	(%)	(%)
Hog Heaven ⁽ⁱⁱⁱ⁾	USA		Historical ^{(iii)(iv)}	2,705	167	14,550	0.62	N/A	N/A	N/A
Hog Heaven ⁽ⁱⁱⁱ⁾	USA		Historical ^{(iii)(v)}	7,639	133	32,730	0.70	N/A	N/A	N/A
Waterloo ^(vi)	USA		Historical	33,758	93	100,937	N/A	N/A	N/A	N/A
TOTAL			Historical	44,102	104	148,217	-	-	-	-

NOTES:

Mineral Reserves and Resources are as defined by Canadian Institute of Mining Guidelines

Mineral resources do not have demonstrated economic viability.

This table illustrates Pan American Silver Corp.'s share of mineral reserves and resources. Properties in which Pan American Silver has less than 100% interest are noted next to the property name.

Mineral resource and reserve estimates for Huaron, Quiruvilca, San Vicente, La Colorada, Manantial Espejo, Alamo Dorado and Morococha were prepared under the supervision of or were reviewed by Michael Steinmann, P.Geo., Senior Vice President Geology & Exploration and Martin G. Wafforn, P.Eng., Vice President Mine Engineering as Qualified Persons as that term is defined in National Instrument 43-101, Standards of Disclosure for Mineral Projects ("NI 43-101"). Reserve/resource estimates for Silver Stockpiles were prepared in previous years by other Qualified Persons, and are adjusted for 2007 production where applicable⁽ⁱ⁾. Mineral resource estimates for Hog Heaven and Waterloo based on historical third party estimates.

- (i) *2006 mineral reserve and resource estimates less 2007 production*
Metal Prices Used for all Mines (except Manantial Espejo):
Ag: \$11.00/oz, Au: \$625/0z, Pb: \$1,600/Tonne, Cu: \$6,000/Tonne, Zn: \$2,100/Tonne
- (ii) **Metal Prices Used for Manantial Espejo:**
Ag: \$9.00/oz, Au: \$525/0z, Pb: \$1,000/Tonne, Cu: \$5,000/Tonne, Zn: \$2,100/Tonne
- (iii) The historical estimate for Hog Heaven was calculated by Gregory Hahn, Chief Geological Engineer for CoCa Mines Inc., a previous owner of the property, in a report titled "Hog Heaven Project Optimization Study" dated May 1989, prior to implementation of NI 43-101. The historical estimate was based on extensive diamond drilling, and was calculated using a silver price of \$6.50 per ounce and a gold price of \$400 per ounce (these were relevant prices at the time of the calculation). Michael Steinmann, P.Geo., QP for the Company, has reviewed the available data, including drill sections, surface maps, and additional supporting information sources, and believes that the historic calculation was conducted in a professional and competent manner and is relevant for the purposes of the Company's decision to maintain its interest in this property. In the study, the historic estimate was sub-categorized as follows:

<u>Category</u>	<u>Tons</u>	<u>oz/ton Ag</u>	<u>oz/ton Au</u>
Proven reserves	2,981,690	4.88	0.018
Probable & possible reserves	904,200	10.40	0.020
Heap leach ore	316,100	1.56	0.014
Possible resources	4,500,000	2.41	0.020
Inferred resources	2,700,000	4.44	0.022

However, the Company has not completed the work necessary to verify the historical estimate. Accordingly, the Company is not treating the historical estimate as NI 43-101 compliant categories of mineral resources based on information prepared by or under the supervision of a QP. These historical estimates should not be relied upon.

- (iv) The Company believes that the historical estimate category of "proven reserves" for Hog Heaven most closely corresponds to 2,705,000 tonnes in the NI 43-101 category of "indicated resources".
- (v) The Company believes that the historical estimate categories of "proven & possible reserves", "heap leach ore stockpile", "possible resources" and "inferred resources" most closely correspond to 7,639,000 tonnes in the NI 43-101 category of "inferred resources."
- (vi) The historical estimate for Waterloo was initially calculated by Asarco Inc. in 1968. In September 1994 Robert J. Rodger, P.Eng., reviewed the Asarco reports and prepared a Technical Evaluation Report on the Waterloo property, prior to the implementation of NI 43-101. The Technical Evaluation Report confirmed that the historical estimate was based on reverse circulation drilling and underground sampling, and concluded the estimate was based on sound methodology. The historical estimate at Waterloo was calculated using a silver price of \$5.00 per ounce (the relevant price at the time of the calculation). Michael Steinmann, P.Geo., QP for the Company, has reviewed the Technical Evaluation Report and believes the historic calculation was conducted in a professional and competent manner and is relevant for purposes of the Company's decision to maintain its interest in the property. The Company believes that the historical estimate category of 37,235,000 tons (at 2.71 ounces per ton silver) of "measured and indicated reserves" most closely correspond to 33,758,000 tonnes in the NI 43-101 category of "indicated resource."

However, the Company has not completed the work necessary to verify the historical estimate. Accordingly, the Company is not treating the historical estimate as NI 43-101 compliant categories of mineral resources based on information prepared by or under the supervision of a QP. These historical estimates should not be relied upon.