



Company Presentation
April 2007

Silver Standard Resources Inc.

Leverage

Silver Standard has the **largest in-ground silver resource** of any publicly-traded silver company.

Through project development, Silver Standard is **poised to become a leading primary silver producer**.



Silver: Versatile, Without Substitute and With Growing Uses

Best electrical & thermal conductor

Contacts between conductors, including use in thick film pastes and inks



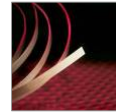
RFID tags

Natural biocide

Water purification, burn treatment, wound dressings, surface treatment

Strength and fluidity

Brazing alloys, solders and bearings used in electrical engineering sector, auto and aerospace industries



Superconductor wire shield

Highly reflective

Mirrors, glass coatings



Plasma screens

Reactive

In form of crystals or mesh screens, used in formaldehyde catalysts for plastics manufacture, and in ethylene oxide catalysts for petrochemical industry. Used in batteries.

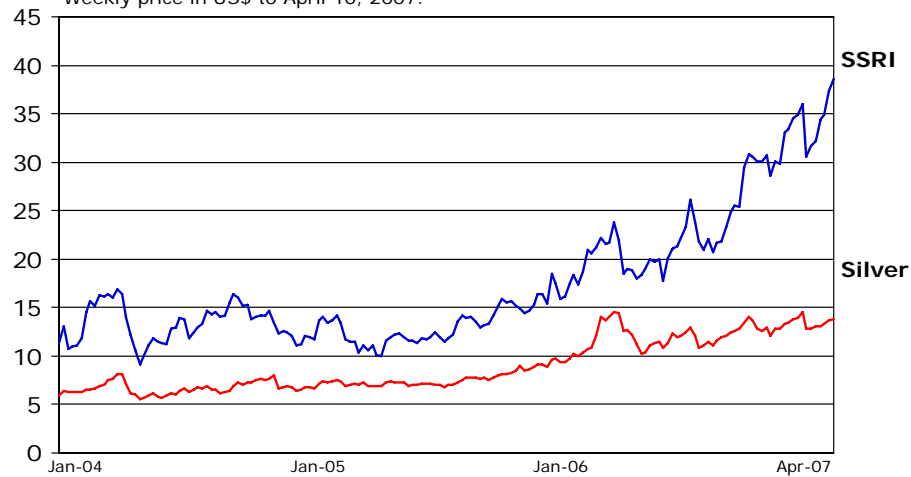
Source: Silver Institute

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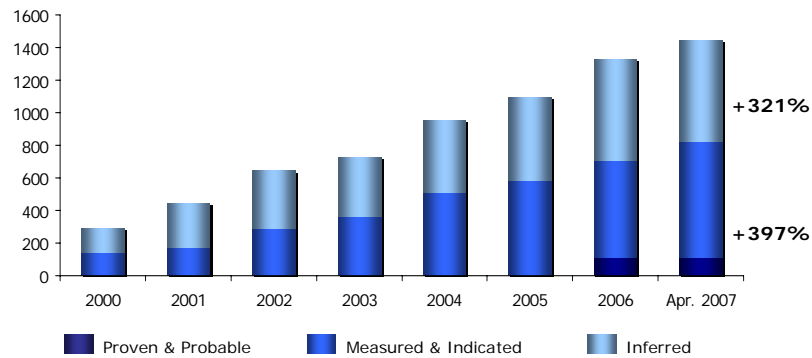
Leverage to Silver

Weekly price in US\$ to April 10, 2007.



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Millions of silver ounces

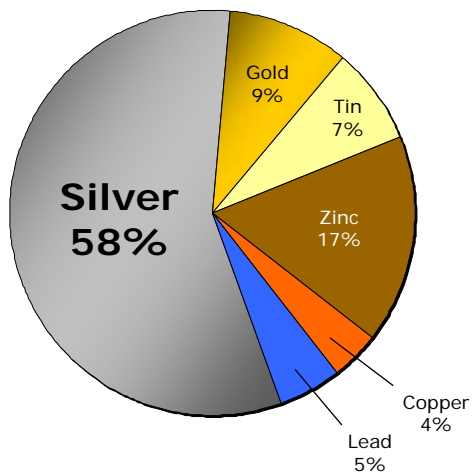


Growth rate in resources: average 29% per year

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Total Silver:

Bullion —	1.95 mil. oz.
Proven —	20.5 mil. oz.
Probable —	86.6 mil. oz.
Measured —	169.5 mil. oz.
Indicated —	550.1 mil. oz.
Inferred —	617.6 mil. oz.

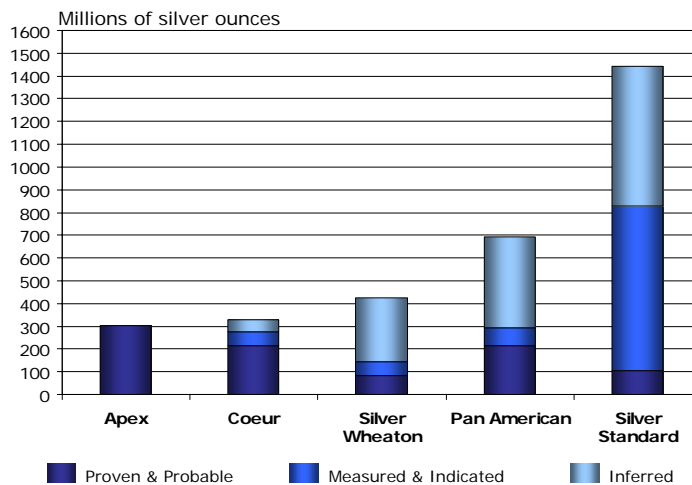


Based on Silver Standard's reserves and resources and metals prices at Apr. 10, 2007

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Largest Resource Base in the Sector

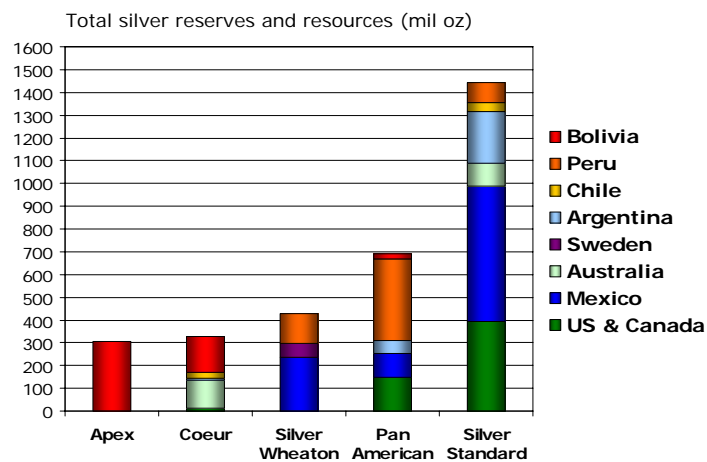


Based on publicly disclosed silver reserves and resources at Apr. 10, 2007

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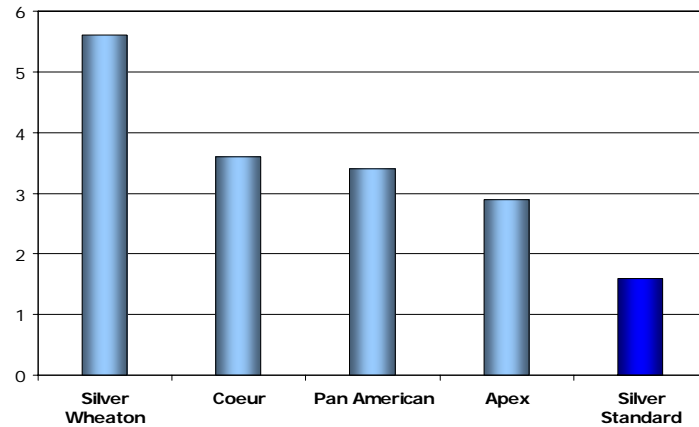
Diverse Portfolio in Attractive Regions



Based on silver reserves and resources at Apr. 10, 2007. Source: Companies

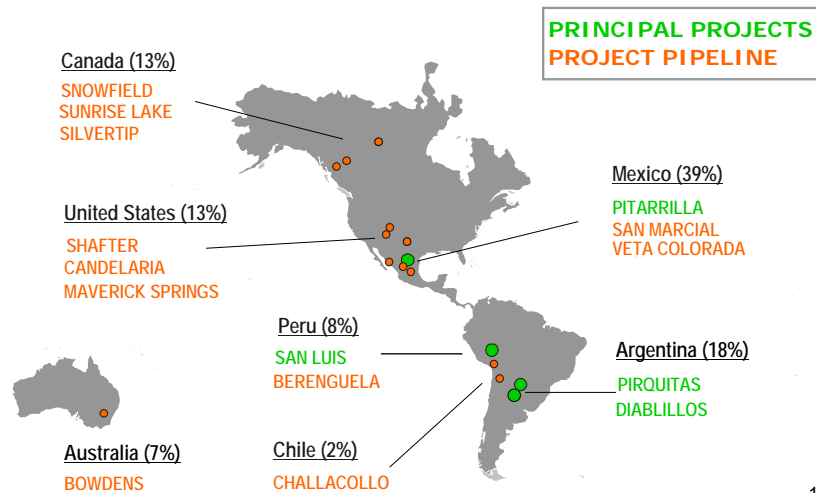
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US\$ per silver reserve and resource ounce



Based on market capitalization and publicly disclosed silver reserves and resources at Apr. 10, 2007

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Percentage based on Silver Standard's reserves and resources and metals prices at Apr. 10, 2007.

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Strategy for Growth

PRODUCTION

Piriquitas on target for production Q4-2008

DEVELOPMENT

San Luis: High-grade underground
Pitarrilla: Develop large tonnage resource

ADVANCING

Diablillos: Drilling and update pre-feasibility study
Snowfield: Expand resource
Berenguela: Update scoping study

NON-CORE ASSETS

Monetize non-core assets and re-deploy capital to priority projects

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Piriquitas, Argentina Silver-Tin-Zinc Project



FEASIBILITY SUMMARY*

Capital costs (2005): US\$146 million
Mine type: Open pit
Annual throughput: 2.1 million tonnes
Annual production: 9.6 million oz. silver
By-products: Tin, zinc
Cash operating cost: US\$ 2.42/oz. silver
Total cost: US\$ 4.53/oz. silver
Strip ratio: 4.8:1

Surface and mineral rights, fully permitted
Fiscal Stability Agreement in place
Cash operating & total costs at US \$7.16/oz. silver,
\$3.56/lb tin, \$0.58/lb zinc



RESERVES & RESOURCES (based on US\$5.35 silver price)

	Tonnes (mil)	Silver (g/t)	Zinc (%)	Tin (%)	SSRI Silver (mil oz.)
Proven:	3.34	191	0.67	0.25	20.5
Probable:	15.62	174	0.61	0.19	86.6
Measured:	0.71	112	0.67	0.17	2.5
Indicated:	7.91	95	0.45	0.09	24.2

* Based on 2006 43-101 Report by Hatch Ltd. and MDA, and metal prices at April 25, 2006. Cash operating and total costs include by-product credits.

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Norandino pipeline valve



Road to mine



Shovel delivery



Ball mill en route

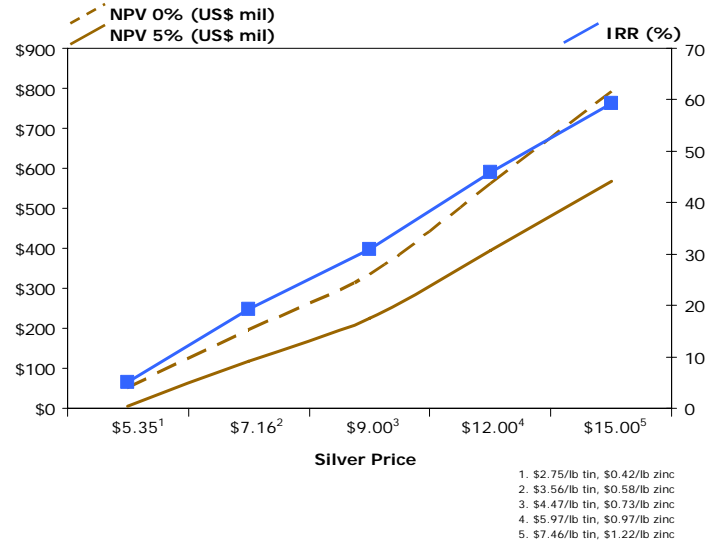


Plant site

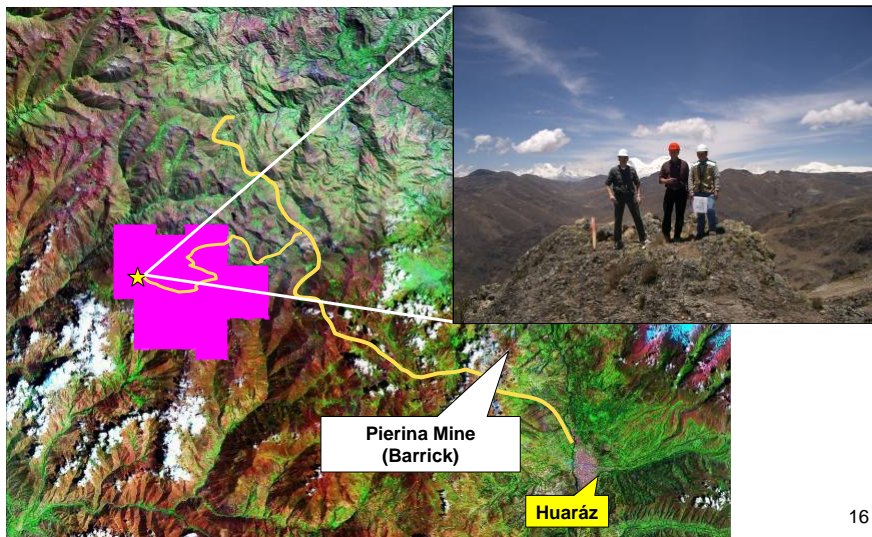


Camp housing

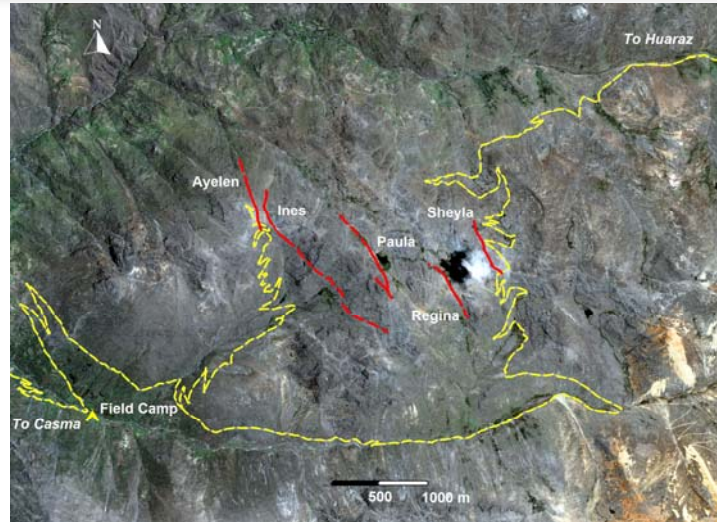
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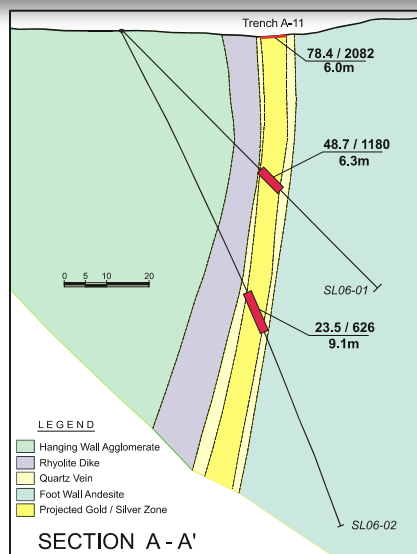
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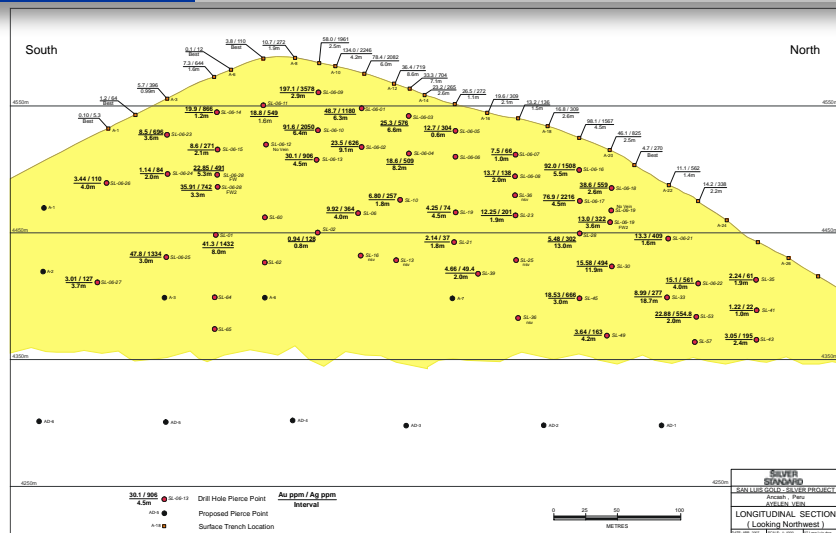
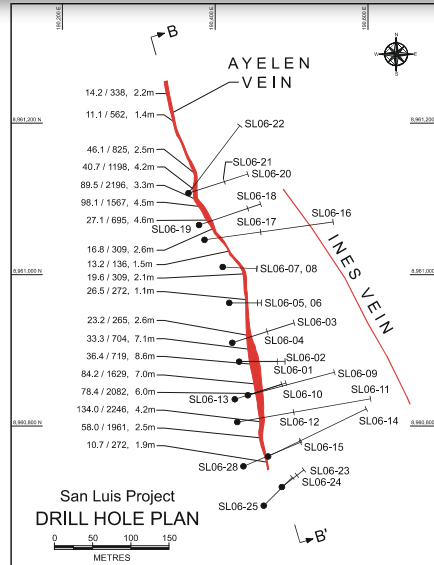
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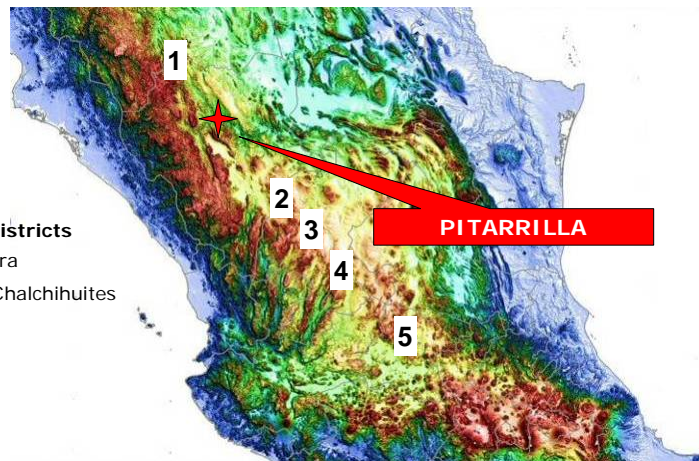
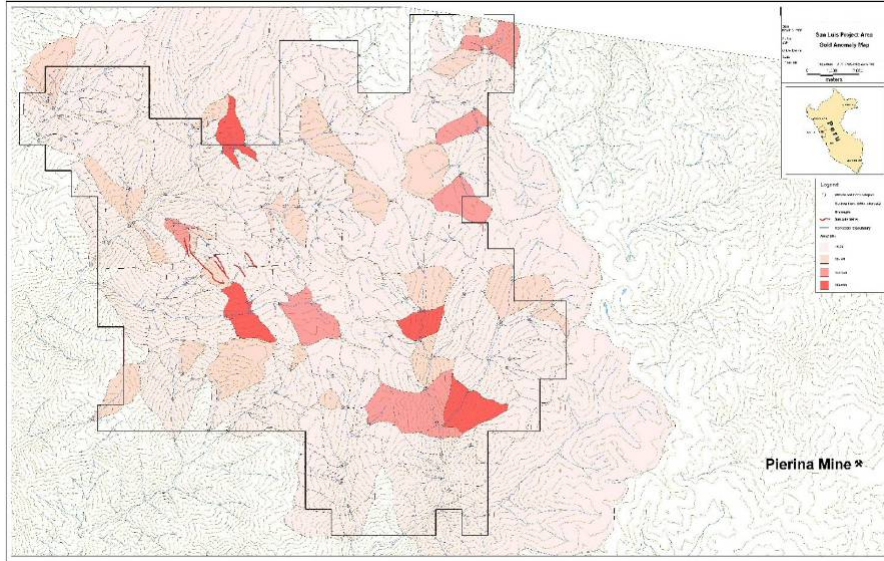


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Major Silver Districts

- 1 Santa Barbara
- 2 San Martin Chalchihuites
- 3 Fresnillo
- 4 Zacatecas
- 5 Guanajuato

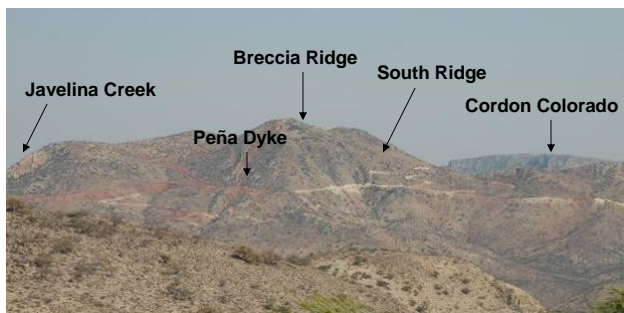


PROJECT SUMMARY

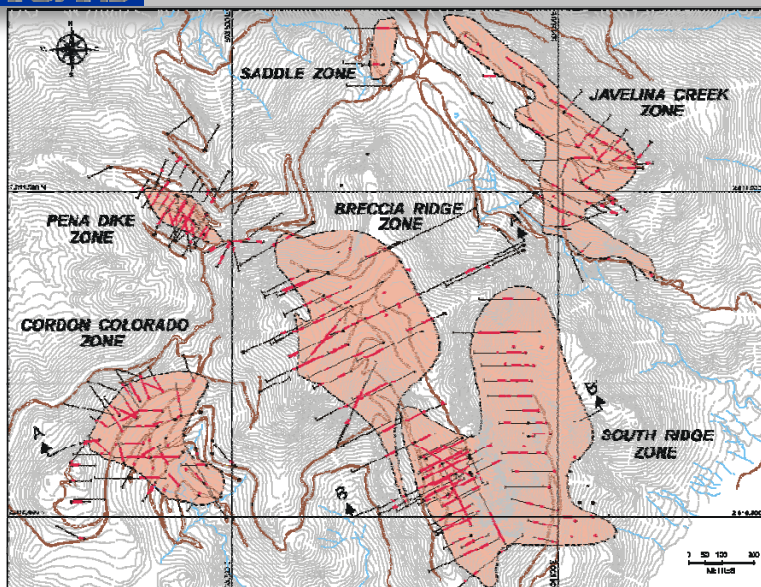
Ownership: 100%
 Mine type: Open pit/underground
 Mineralized zones: 5+
 Surface rights being acquired
 Power & road accessible

RESOURCES

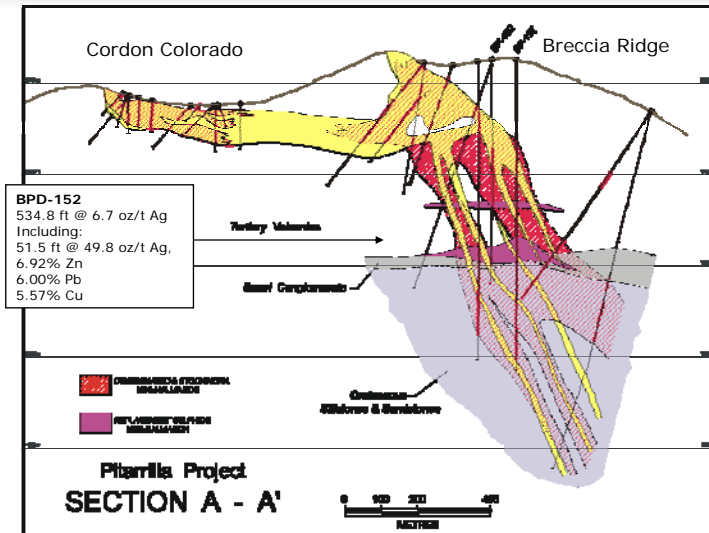
	Tonnes (mil)	Silver (g/t)	SSRI Silver (mil oz.)
Measured:	27.2	120.6	105.5
Indicated:	35.6	112.5	245.0
Inferred:	64.4	92.7	193.6



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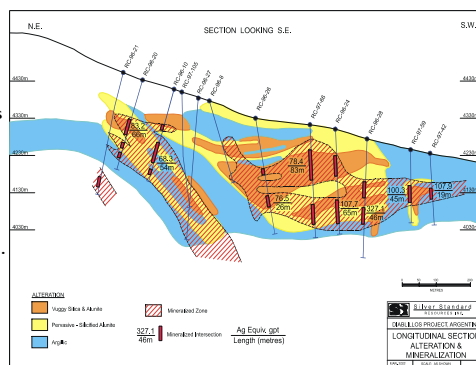
PROJECT SUMMARY*

Ownership: 100%
Mine type: Open pit
Location: 275 km from Pirquitas
Annual throughput: 2 mil tonnes
Annual production: 5.9 mil oz silver
43,000 oz gold

Barrick completed a US\$17 million pre-feasibility study in 1999 showing capital costs with VAT in excess of US\$120 million. Study planned for update in 2006.

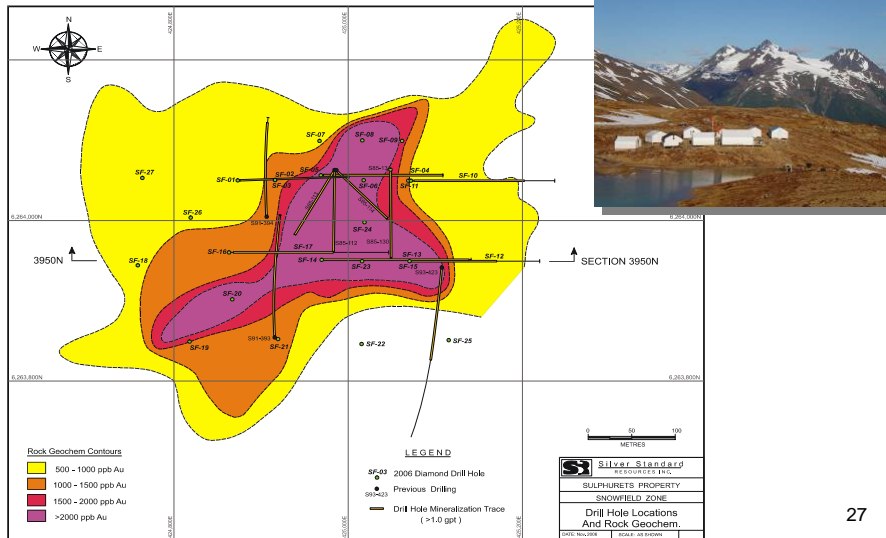
RESOURCES

	Tonnes (mil)	Silver (g/t)	Gold (g/t)	SSRI Silver (mil oz.)	SSRI Gold ('000 oz.)
Inferred:	41.98	69.5	1.0	93.8	815

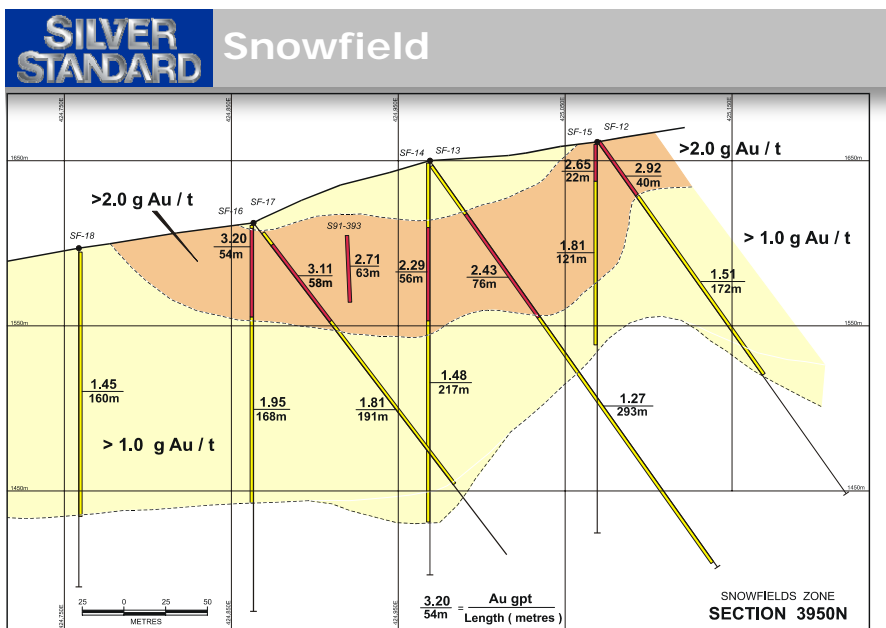


*Based on MDA's economic evaluation and subject to feasibility.

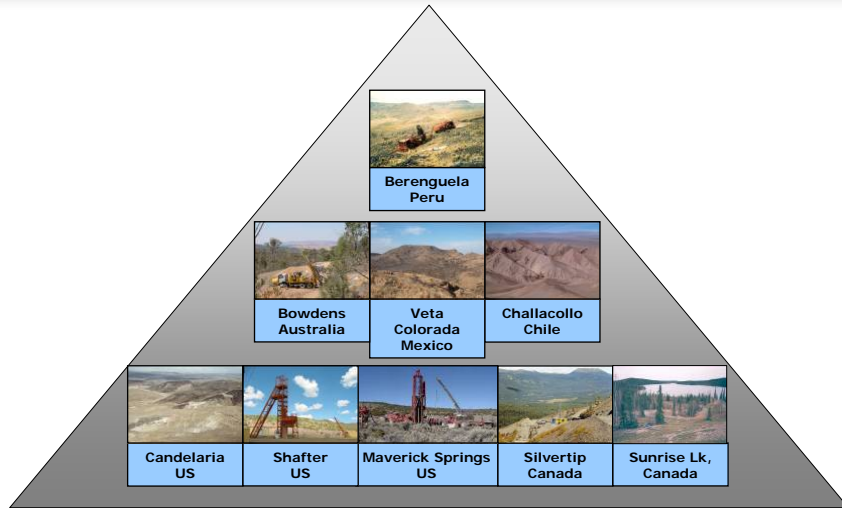
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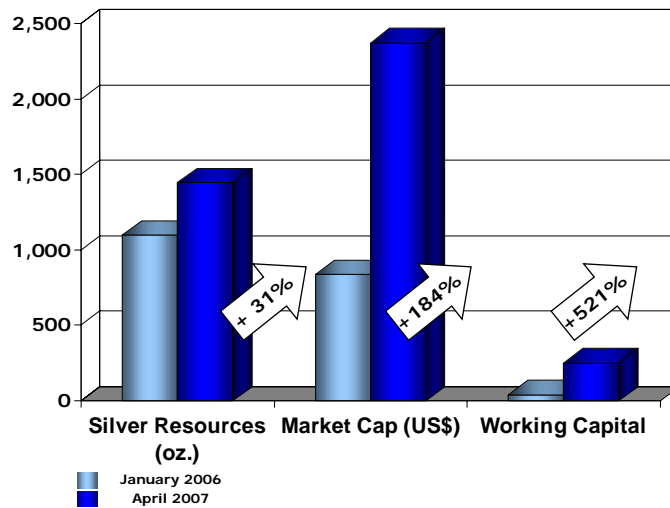
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Based on scoping studies and subject to feasibility studies and silver price

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(in millions)



Based on financial data, share price and resources at December 31, 2005 and 2006 and share price and resources at April 10, 2007

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Directors & Management

DIRECTORS

- **Robert Quartermain** President
- **David Johnston** Former President and General Manager, Highland Valley Copper Corporation
- **William Meyer** Chairman, Minco Mining and Metals Corp.
- **Gordon Davis** Founder and former director of Cyprus Anvil
- **John Brodie**, FCA, President, John R. Brodie Capital Inc.
- **Peter Tomsett**, B.Eng., M.Sc., Former President and CEO, Placer Dome Inc.

MANAGEMENT TEAM

- **Ron Burk** Chief Geologist
- **Joe Ovsenek** Senior Vice President
- **Ken McNaughton** Vice President, Exploration
- **Paul LaFontaine** Director, Investor Relations
- **Robert Quartermain** President
- **Max Holtby** Senior Geologist
- **Linda Sue** Corporate Secretary
- **Mike Robb** Vice President, Project Development
- **Ross Mitchell** Vice President, Finance
- **Jonathan Singh** Corporate Controller



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2007 Activities

	Q1	Q2	Q3	Q4
PIRQUITAS	EPCM, order equipment, permits for gas pipeline		Start construction	Construction ongoing
SAN LUIS	2 drills for Ayelen and Ines, 15,000 meters	Drilling, prospecting	Drilling, prospecting	Drilling, resource estimate
PITARRILLA	Drilling with five rigs	Resource update, prefeasibility	Drilling	Resource update, drilling
DIABILLOS		15,000 meters of drilling starts		Resource update
SNOWFIELD			15,000 meters of drilling	Resource update
MAVERICK SPRINGS			Diamond drilling	

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Snapshot

(April 2007)

Nasdaq: SSRI
TSX: SSO

COMMON SHARES ISSUED	62.0 million
Fully Diluted	66.1 million
TRADING SYMBOLS:	
AVERAGE DAILY SHARE VOLUME (2007)	866,000
CASH (at Dec. 31, 2006)	CDN\$ 229.6 million
SILVER BULLION (at Dec. 31, 2006)	CDN\$ 29.4 million
MARKETABLE SECURITIES (at Dec. 31, 2006)	CDN\$ 35.6 million

SILVER RESERVES & RESOURCES

PER ISSUED SHARE

Proven Reserves:	20.5 million oz.	0.33 oz.
Probable Reserves:	86.6 million oz.	1.40 oz.
Measured Resources:	169.5 million oz.	2.74 oz.
Indicated Resources:	550.1 million oz.	8.89 oz.
Inferred Resources:	617.6 million oz.	9.95 oz.

ANALYST COVERAGE

Blackmont Capital – Richard Gray
GMP Securities – Craig West
National Bank Financial – Ian Howat

Salman Partners – Rodney Stevens
Bear Stearns – Anthony Young
Deutsche Bank – David S. Martin

UBS - Toronto

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Forward-Looking Statements

This presentation includes certain "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical fact, included herein, including without limitation, statements regarding potential mineralization and resources, exploration results, production, cost estimates and future plans and objectives of the Company, are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Our forward-looking statements are based on the beliefs, expectations and opinions of management on the date these statements are made, and we do not assume any obligation to update forward-looking statements if circumstances or management's beliefs, expectations or opinions should change. For the reasons set forth above, you should not place undue reliance on forward-looking statements.

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... Concerning disclosure of estimates of measured, indicated and inferred mineral resources and contained ounces of silver: The terms "measured mineral resource", "indicated mineral resource" and "inferred mineral resource" used in this presentation are Canadian 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 required under Canadian regulations, the U.S. Securities and Exchange Commission (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 measured mineral resource and indicated mineral resource categories will ever be converted into reserves. "Inferred mineral resources" have a great amount 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 mineral resource exists, or is economically or legally minable.

Disclosure of silver resources expressed in ounces in the measured and indicated mineral resource categories and the inferred mineral resource category in this presentation, is in compliance with NI 43-101 but does not meet the requirements of Industry Guide 7, Description of Property by Issuers engaged in Significant Mineral Operations, of the SEC, which will accept only the disclosure of tonnage and grade estimates for non-reserve mineralization.

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***the Silver Standard***