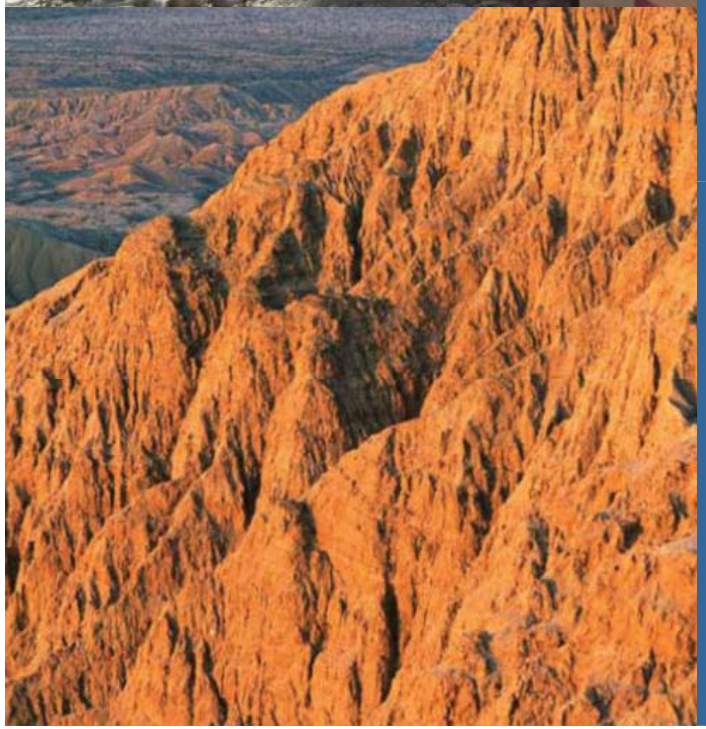




SILVER STANDARD

Growth Through Silver





Company Presentation

August 2008

Forward-Looking Statements and Cautionary Note to US Investors

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. See "Risk Factors" in our Annual Report on Form 20-F for the period ended December 31, 2007.

Cautionary Note to US Investors 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 mineable. 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. U.S. investors are urged to consider closely the company's latest SEC filings. You can review and obtain copies of these filings from the Company's website at www.silverstandard.com or the SEC's website at http://www.sec.gov/edgar.shtml.

SILVER STANDARD

Leverage

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



Transition

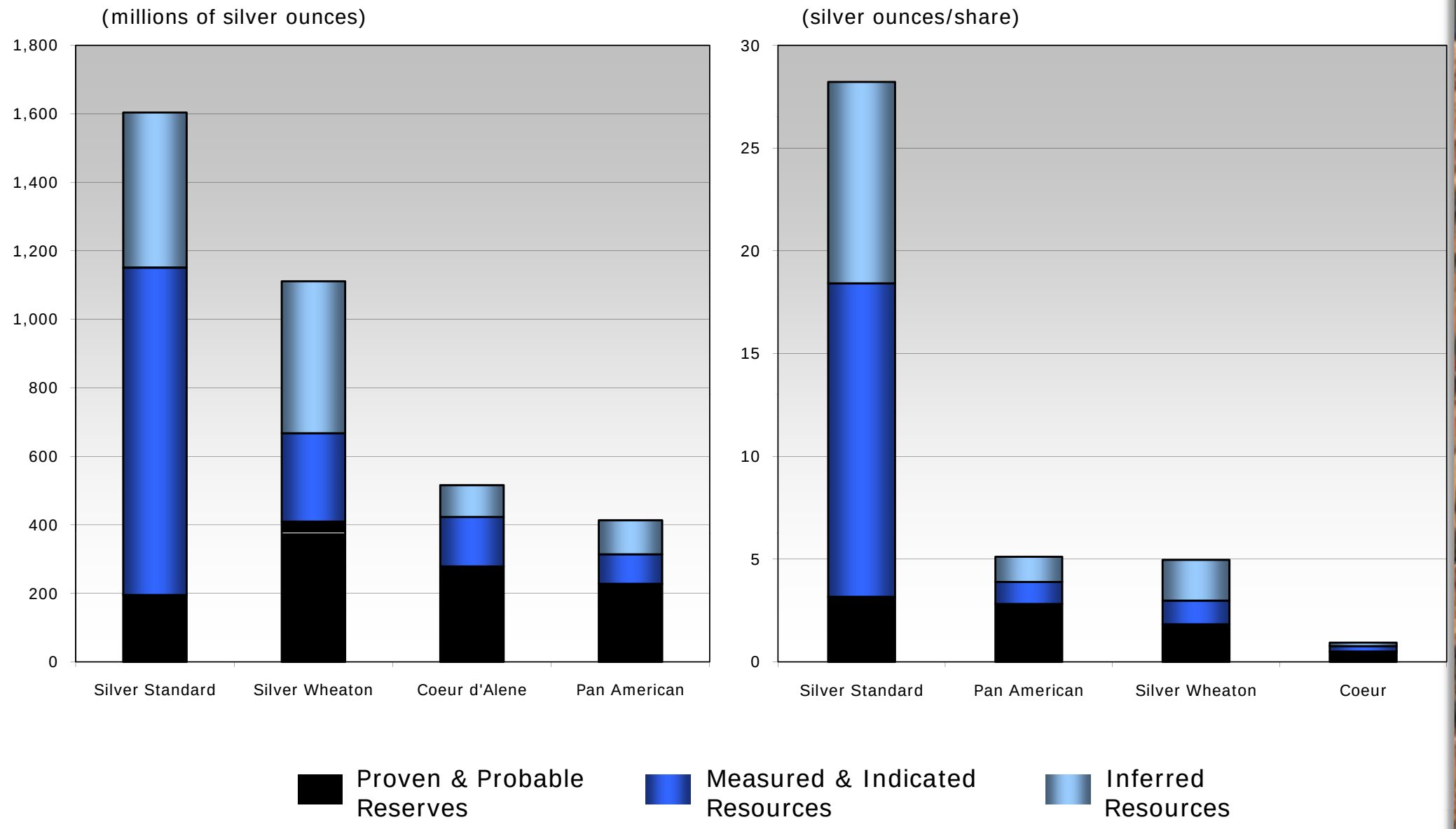
From this foundation we are building to become a premier silver producer.

Why Invest in Silver Standard?



SILVER STANDARD

Largest Resource Base in the Sector[1]

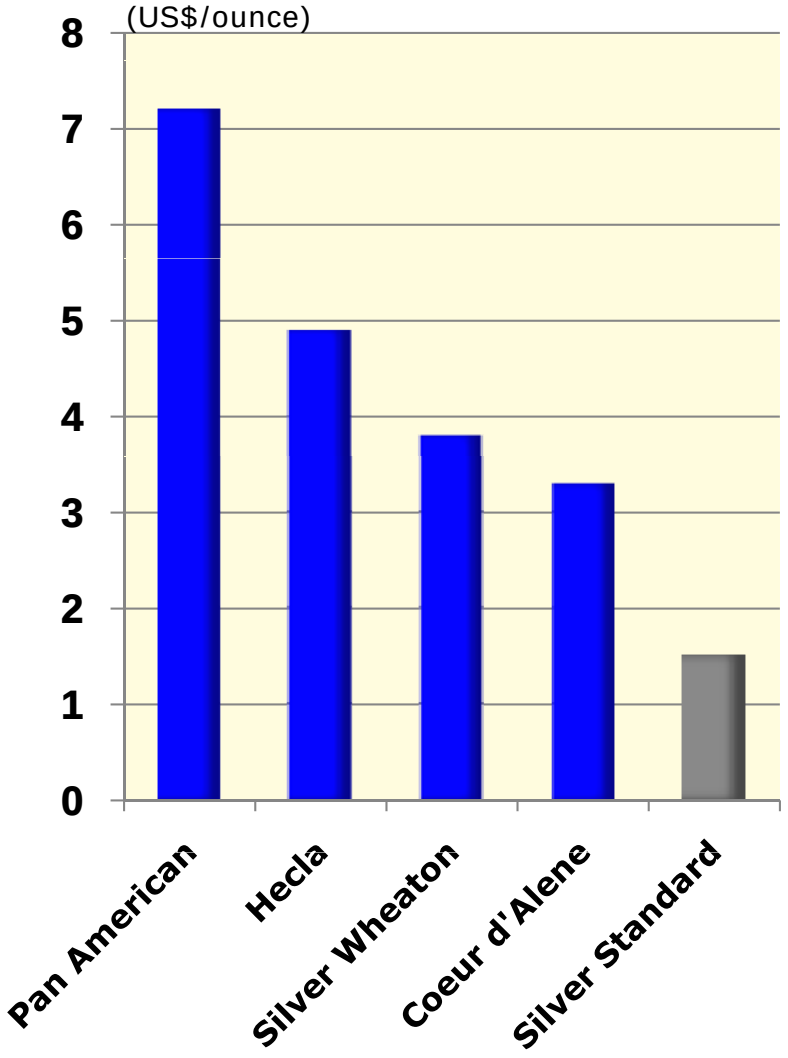


[1]*Based on publicly disclosed 43-101 silver reserves and resources at August 6, 2008. Source: companies' public filings*

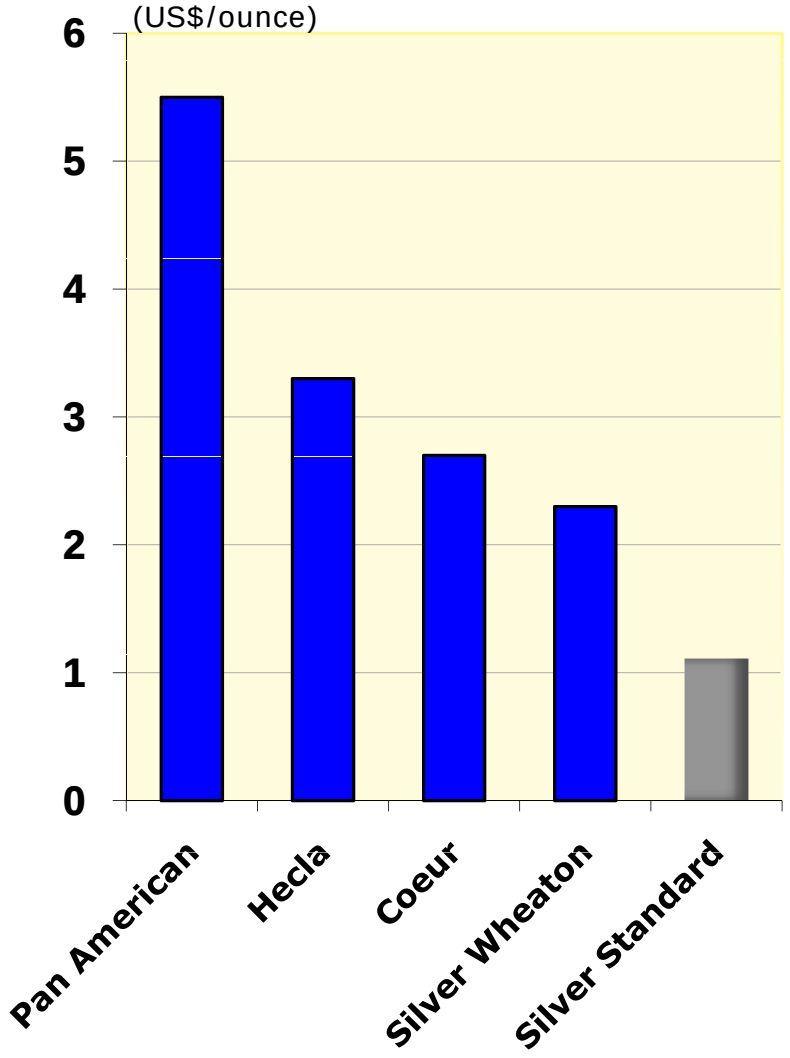
SILVER STANDARD

Low Market Cap per Silver Ounce[1]

Market Capitalization
Silver Reserves + M&I[2]



Market Capitalization
Silver Reserves + M&I[2] + Inferred



[1] *Based on NI 43-101 reports and share prices at August 6, 2008.*
Source: Bloomberg and companies' public filings
[2] *M&I refers to combined Measured and Indicated resources*

SILVER STANDARD

Diversified Portfolio With Americas Focus

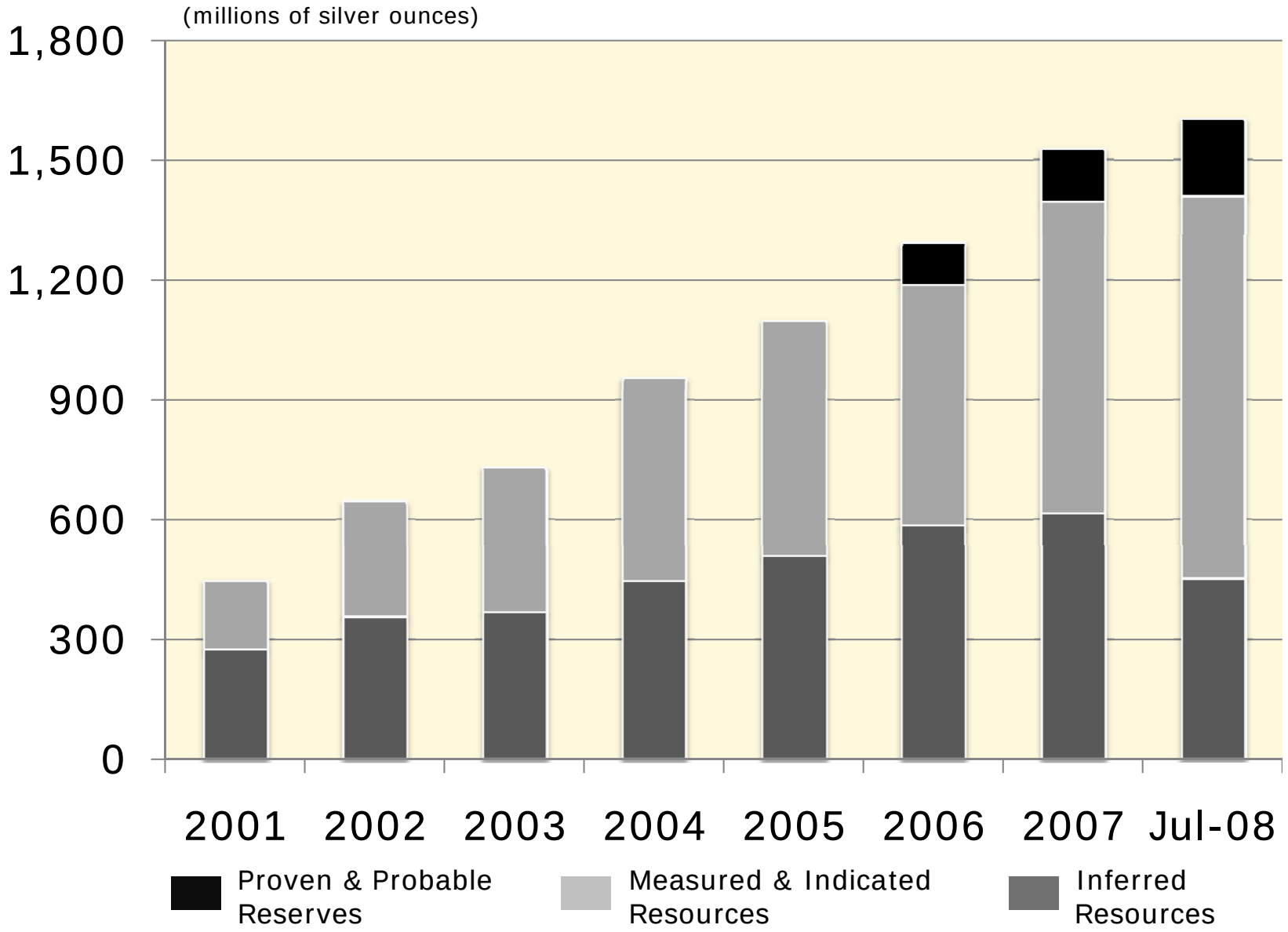


PRINCIPAL PROJECT

Project pipeline

SILVER STANDARD

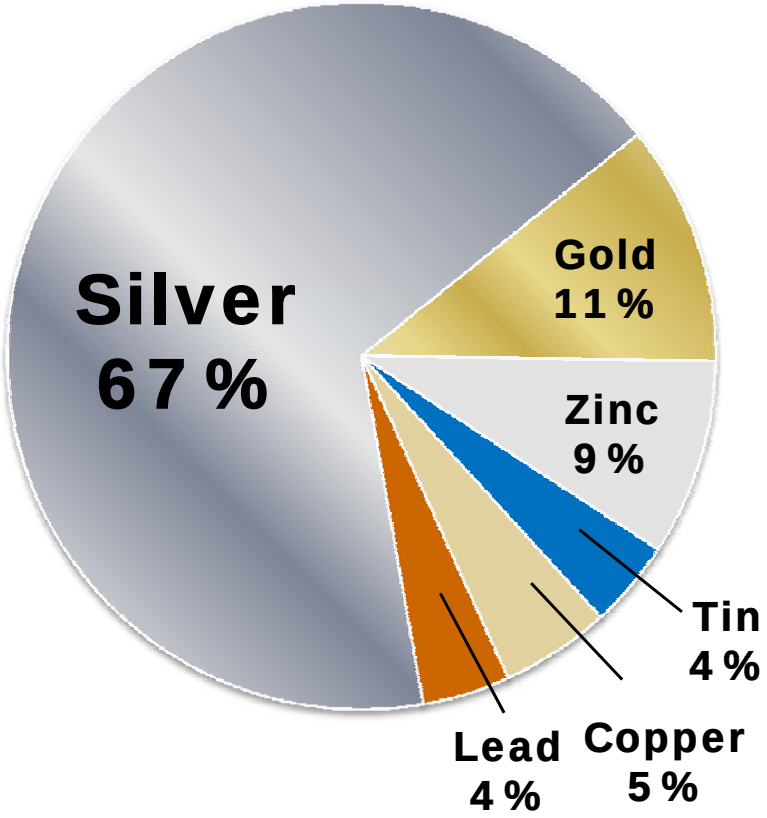
Consistent Growth in Silver Resources

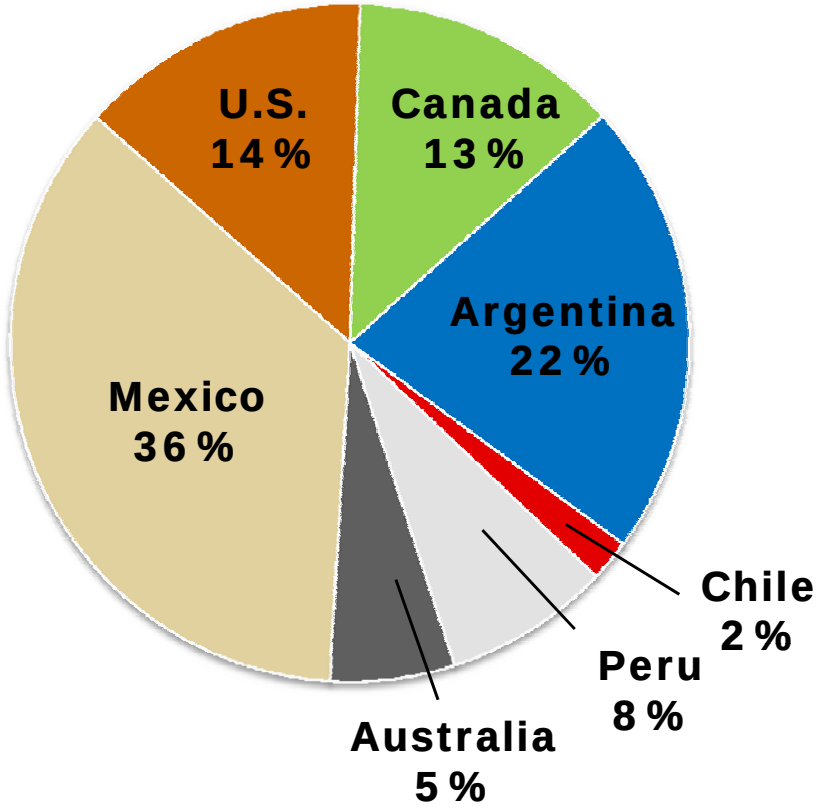


SILVER STANDARD

Focus on Silver Exposure

Distribution of Project Assets by Metal Exposure and Country[1]





Proven & Probable Silver Reserves	**195.1 million ounces**
Measured & Indicated Silver Resources	**956.2 million ounces**
Inferred Silver Resources	**452.6 million ounces**

[1]*Based on publicly disclosed reserves and resources and metals prices at August 6, 2008. Source: Company's public filings*

SILVER STANDARD

Strategy for Growth

Production

- Pirquitas construction, reserve update Q2/2008
- Commissioning scheduled for Q4/2008

Development Projects

- San Luis underground program & feasibility study 2008
- Pitarrilla underground program and surface work 2008

Advanced Projects

- Snowfield drilling and resource update
- Diablillos drilling and pre-feasibility study update 2008

Project Pipeline

- Continue exploration and engineering studies to advance projects for organic growth

Non-core Assets

- Monetize non-core assets and re-deploy capital to priority projects (e.g., Shafter)

SILVER STANDARD

Pirquitas Reserves & Resources

- May 2008: 43% increase in silver reserves to 195.1M oz.
- Total M&I silver resources of 221.2M oz and 18.8M oz Inferred.
- Mine Life now 14.5 years.
- Annual average Silver production: range 10M to 11M oz/year.
- Unit costs are anticipated to be $22/tonne.

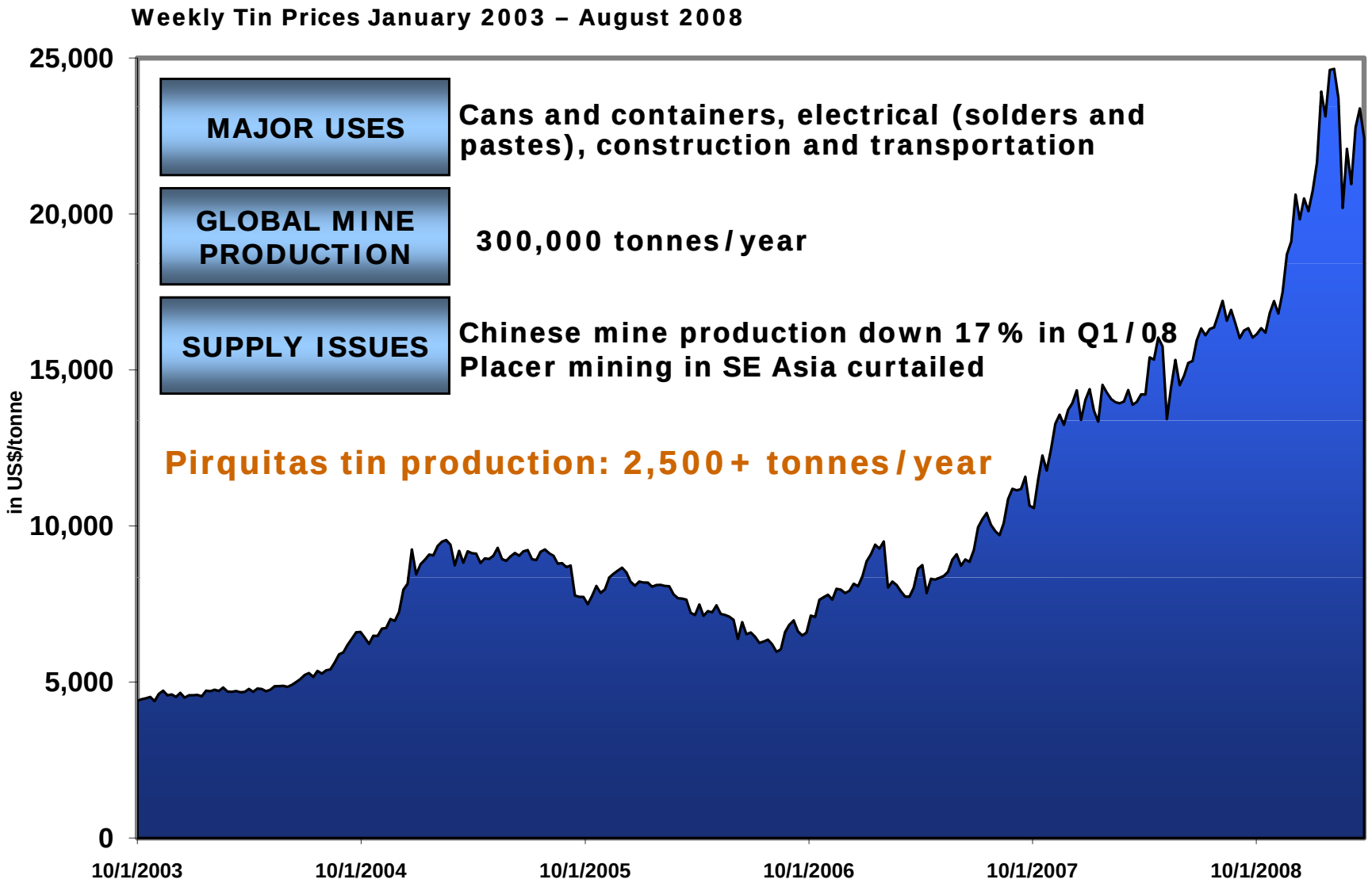
Pirquitas Reserves & Resources May 2008

(based on US$11.00/oz. silver, US$5.00/lb tin, US$1.05/lb zinc)

	Tonnes (mil)	Silver (g/t)	Zinc (%)	Tin (%)	Contained Silver (mil oz.)
Proven Reserves	10.7	194.5	0.70	0.26	67.1
Probable Reserves	19.7	202.4	0.88	0.20	128.0
Measured	4.40	51.4	0.67	0.05	7.1
Indicated	10.40	56.9	0.70	0.08	19.0
Inferred	2.4	247.8	0.78	0.07	18.8

SILVER STANDARD

Strong Tin Prices



Source: Bloomberg

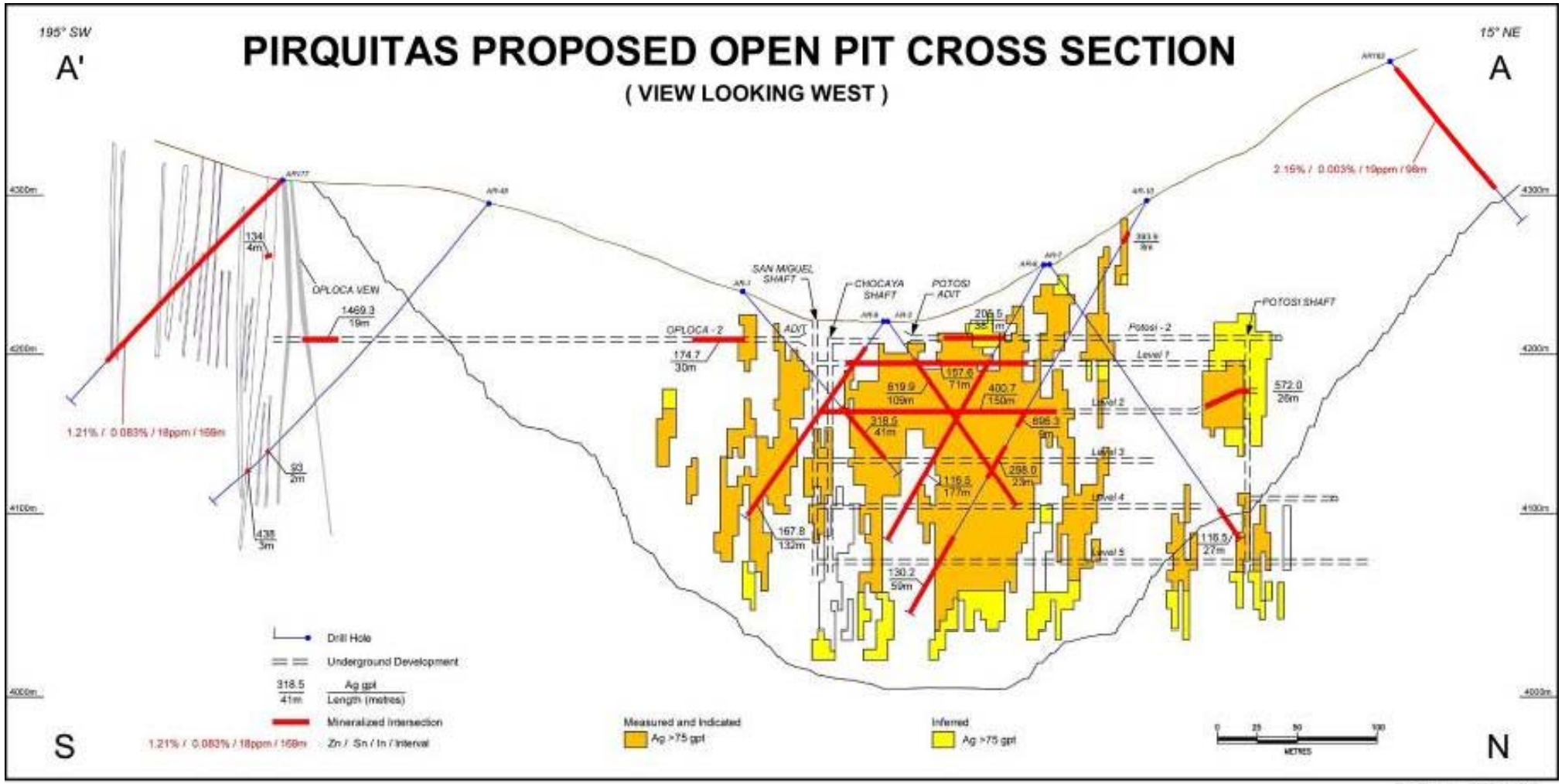
SILVER STANDARD

Pirquitas Open Pit



SILVER STANDARD

Pirquitas Proposed Open Pit



SILVER STANDARD

Community Relations





Flotation Cell Foundation



SILVER STANDARD

Truck Shop and Warehouse



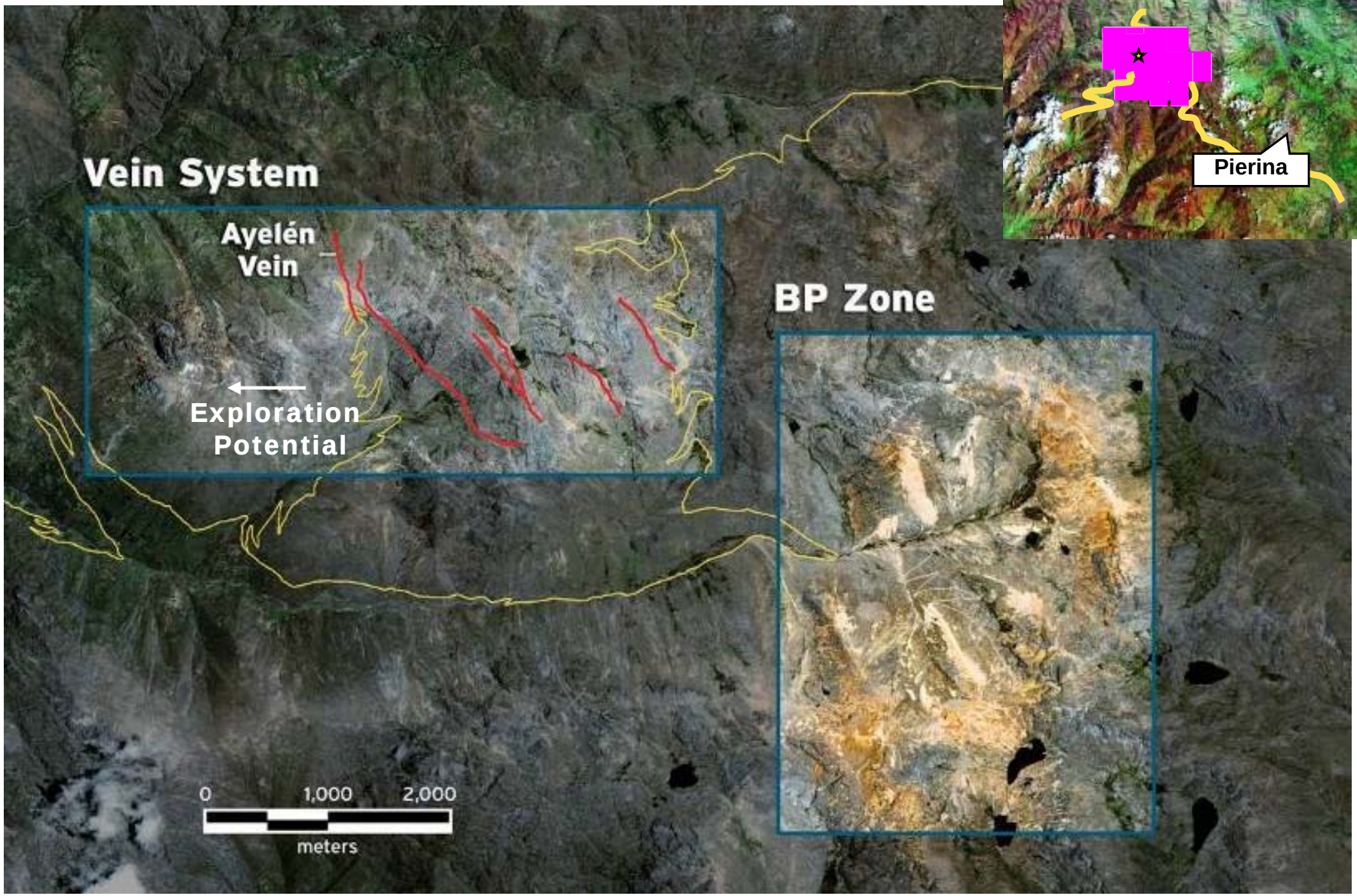
SILVER STANDARD

Generator Framework and Mill



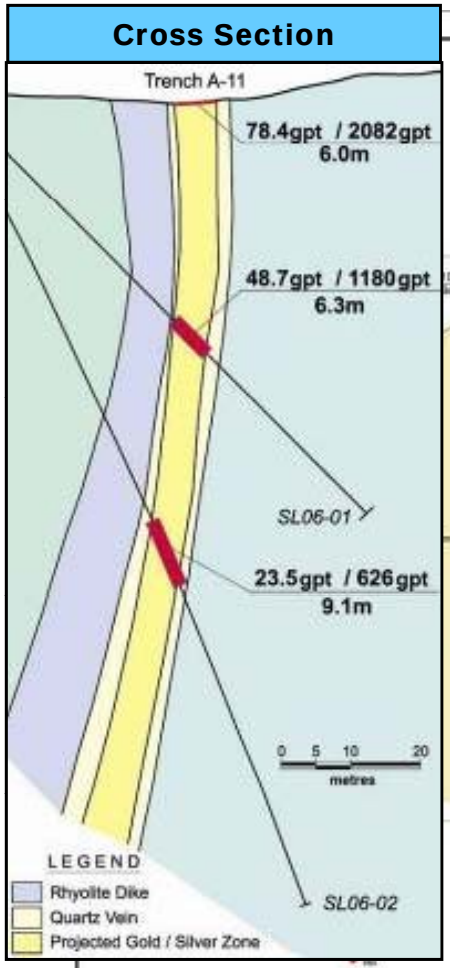
SILVER STANDARD

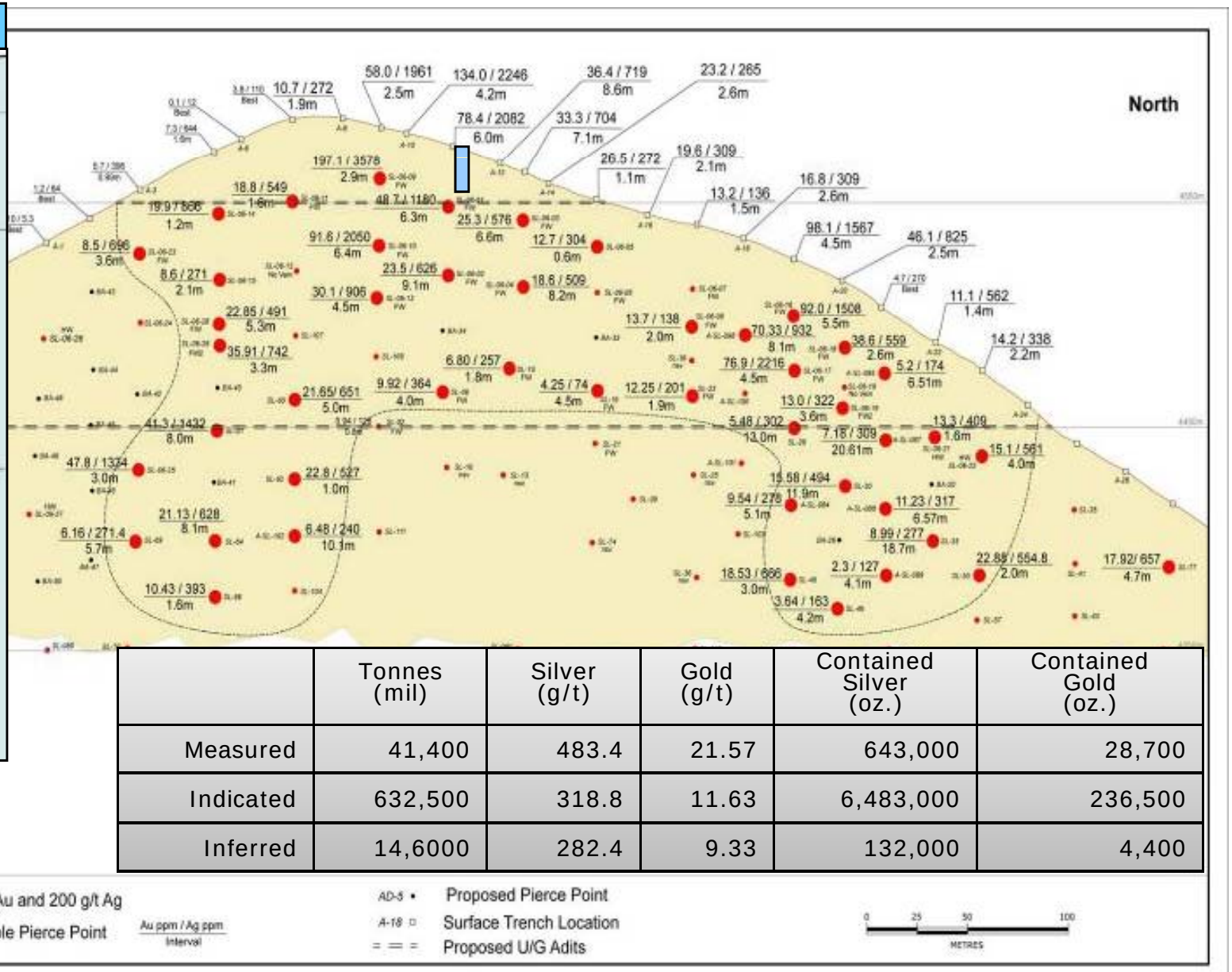
San Luis, Peru



SILVER STANDARD

Ayelen Vein - Long Section

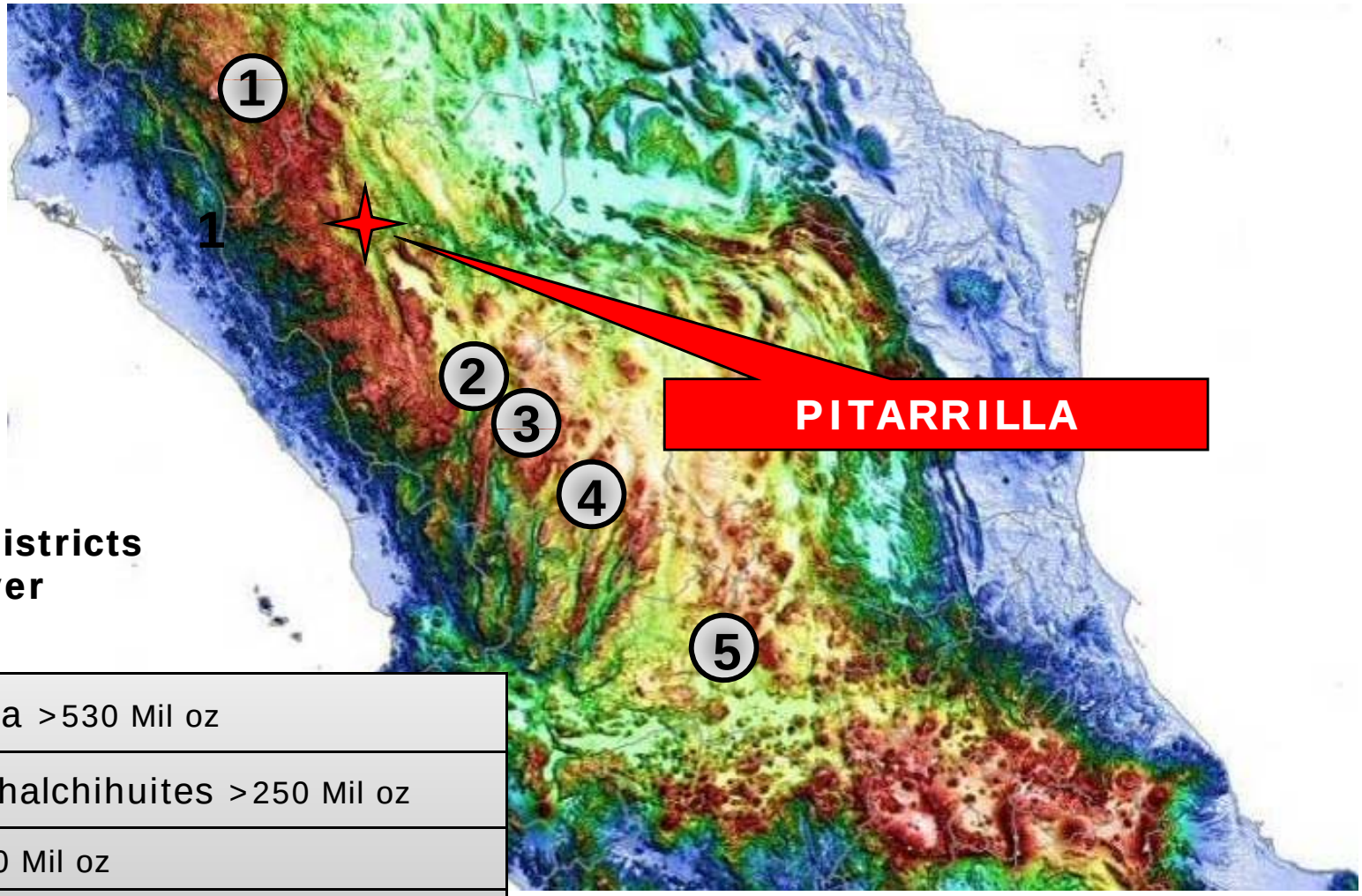




	Tonnes (mil)	Silver (g/t)	Gold (g/t)	Contained Silver (oz.)	Contained Gold (oz.)
Measured	41,400	483.4	21.57	643,000	28,700
Indicated	632,500	318.8	11.63	6,483,000	236,500
Inferred	14,6000	282.4	9.33	132,000	4,400

SILVER STANDARD

Pitarrilla, Mexico
World Class Silver Discovery

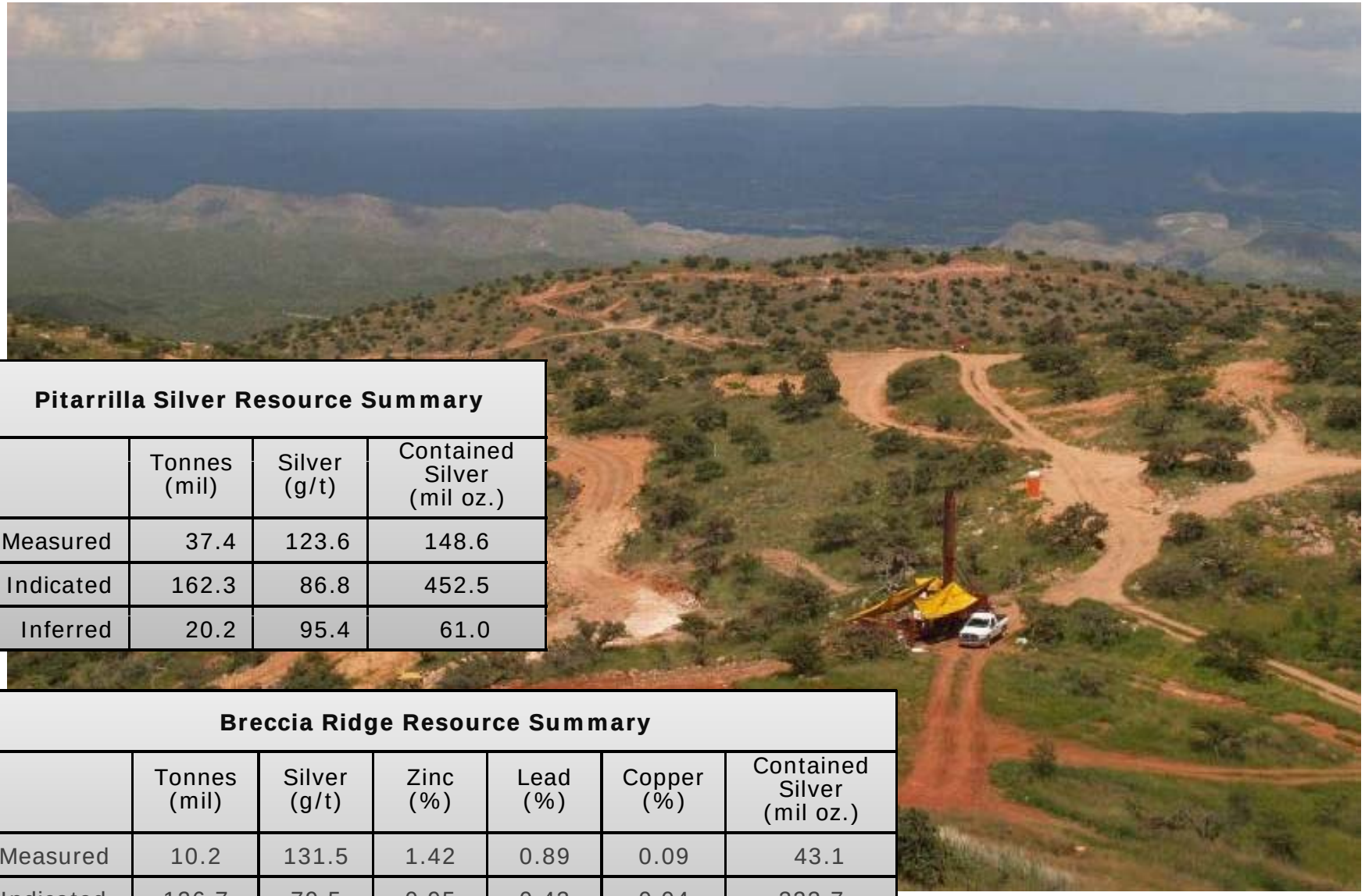


Major Silver Districts & Historic Silver Production

1	Santa Barbara >530 Mil oz
2	San Martin Chalchihuites >250 Mil oz
3	Fresnillo >800 Mil oz
4	Zacatecas ~740 Mil oz
5	Guanajuato ~1,160 Mil oz

SILVER STANDARD

Breccia Ridge

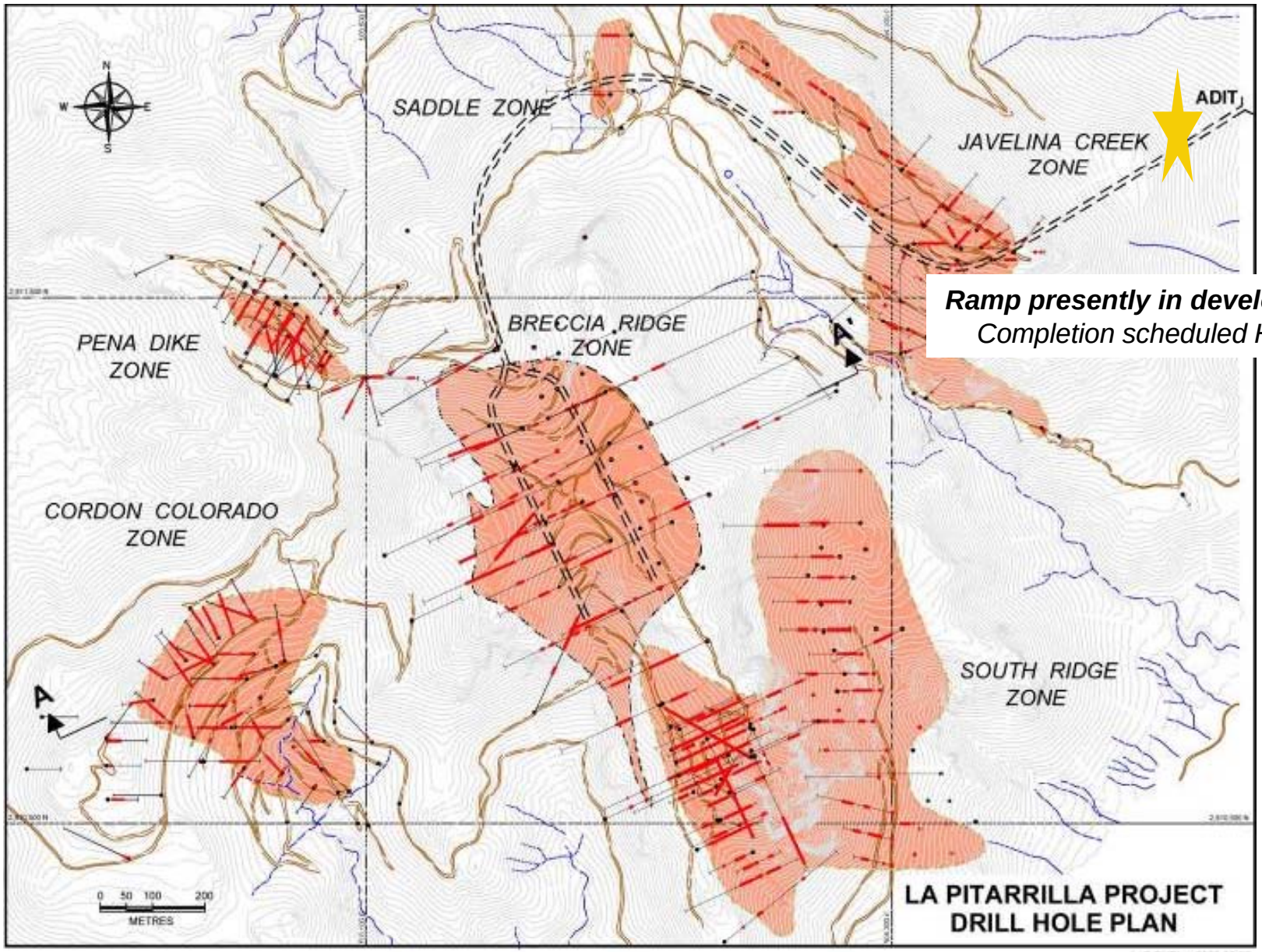


Pitarrilla Silver Resource Summary			
	Tonnes (mil)	Silver (g/t)	Contained Silver (mil oz.)
Measured	37.4	123.6	148.6
Indicated	162.3	86.8	452.5
Inferred	20.2	95.4	61.0

Breccia Ridge Resource Summary						
	Tonnes (mil)	Silver (g/t)	Zinc (%)	Lead (%)	Copper (%)	Contained Silver (mil oz.)
Measured	10.2	131.5	1.42	0.89	0.09	43.1
Indicated	126.7	79.5	0.95	0.43	0.04	323.7
Inferred	8.9	84.5	1.06	0.52	0.07	24.3

SILVER STANDARD

Pitarrilla Zones and Ramp

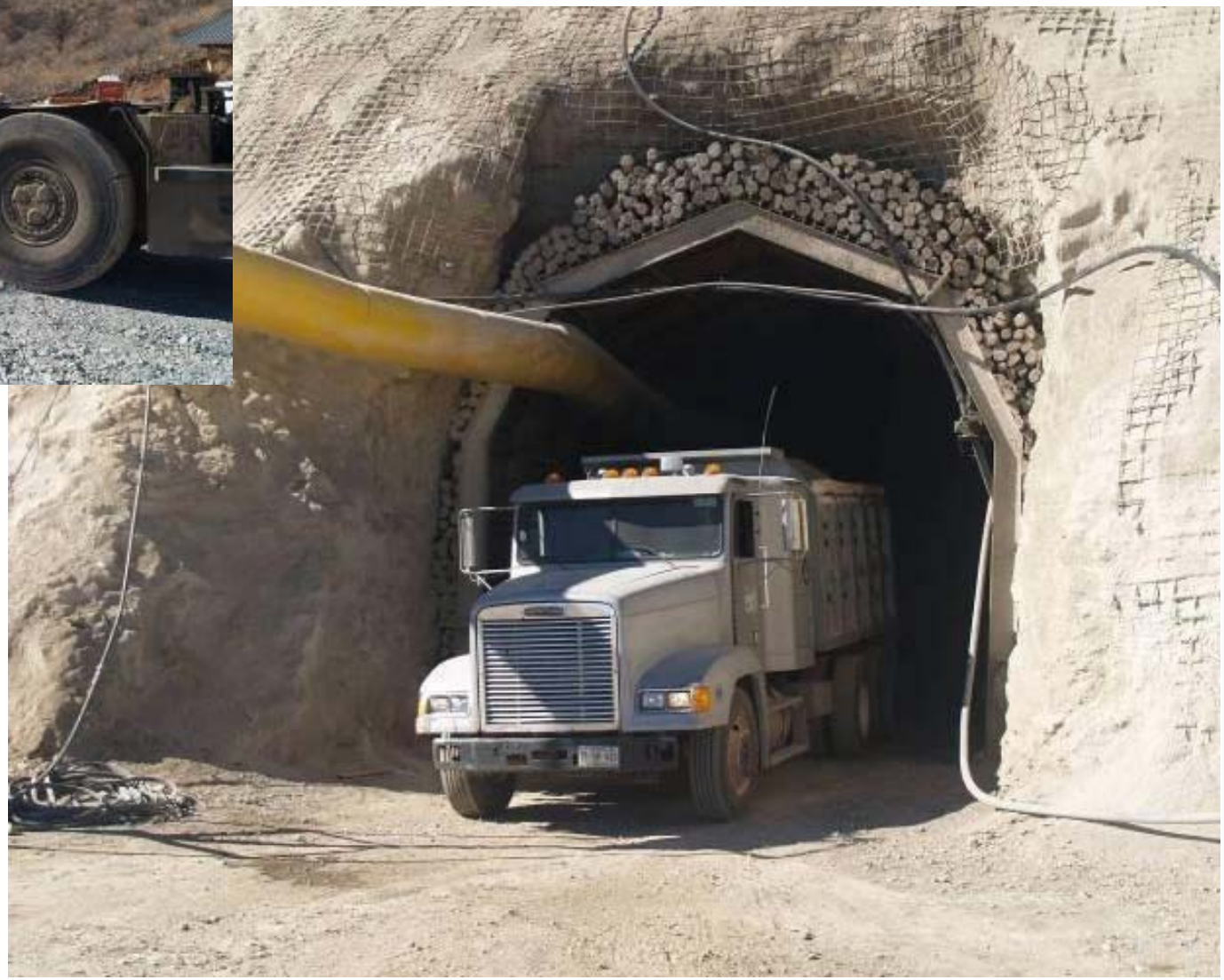


Ramp presently in development
Completion scheduled H2/08

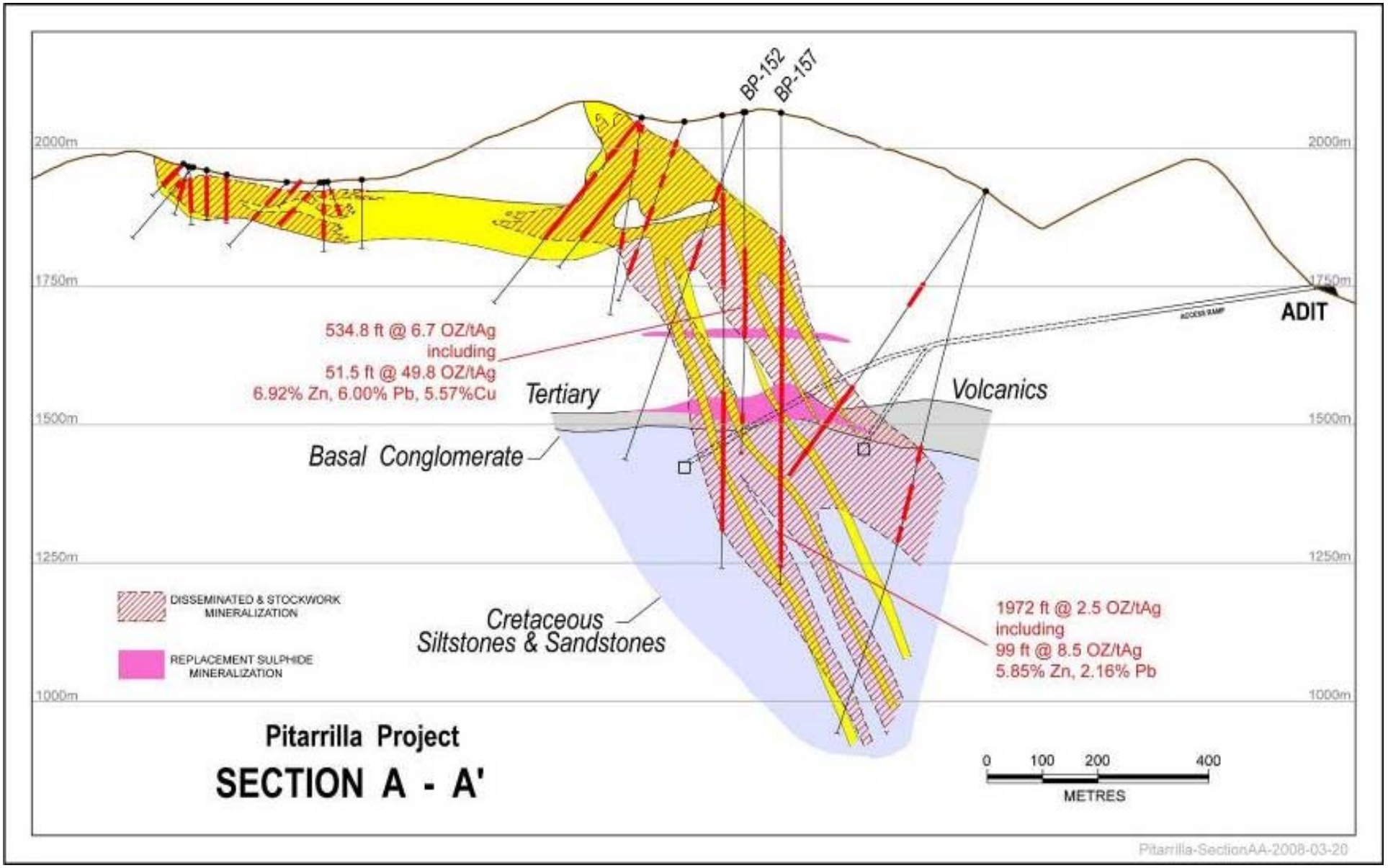
SILVER STANDARD

Breccia Ridge Adit





Pitarrilla Section A-A'

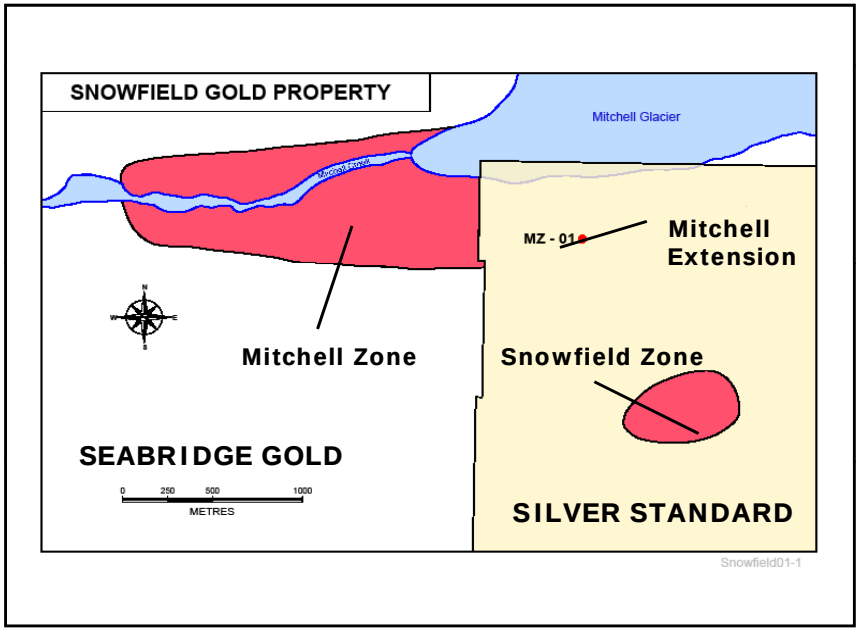


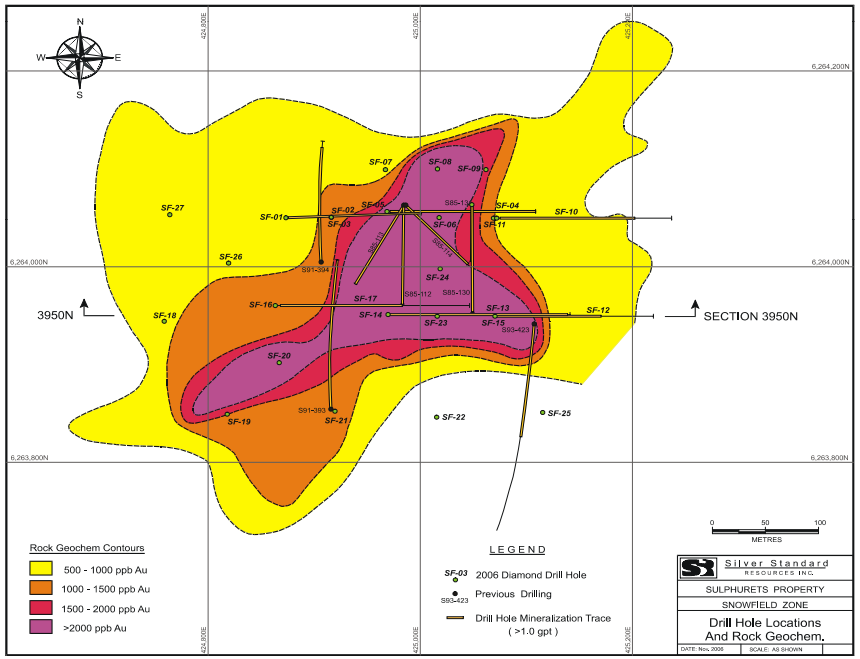
SILVER STANDARD

Snowfield, British Columbia Gold Project

- 100%-owned, located in northern BC
- Drill program with 4 drills to be underway in Q2/08 to test for bulk tonnage gold deposit with some base metal credits
- MZ-1: 259 meters of 0.71 grams of gold per tonne (850 feet of 0.02 ounces of gold per ton) and 0.14% copper.







Snowfield Gold Resource Summary			
	Tonnes (mil)	Gold (g/t)	Contained Gold ('000 oz.)
Measured	1.45	2.18	101.5
Indicated	77.1	1.20	2,975.6
Inferred	14.4	1.01	466.2

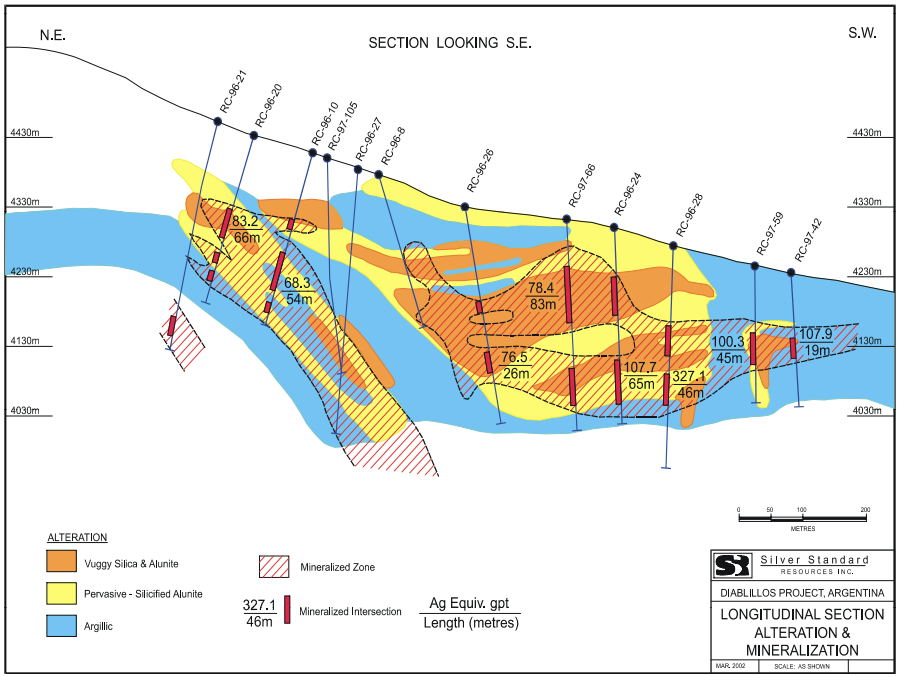
SILVER STANDARD

Diablillos, Argentina
Silver-Gold Project

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

Pre-feasibility study planned in 2008





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

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

SILVER STANDARD

Blue Sky Projects: Total Silver Resources[1]

(million ounces of silver attributed to Silver Standard)

Berenguela, Peru



M&I: 66
Inferred: 22

Challacollo, Chile



M&I: 19
Inferred: 24

Candelaria, U.S.



M&I: 44
Inferred: 83

Maverick Springs, U.S.



M&I: 70
Inferred: 86

Veta Colorada, Mexico



Bowdens, Australia



M&I: 79
Inferred: 18

Silvertip, Canada



M&I: 14
Inferred: 13

Sunrise Lake, Canada



M&I: 13
Inferred: 14

[1]M&I refers to combined Measured and Indicated silver resources

SILVER STANDARD

2008 Activities

Pirquitas

- Construction, project commissioning Q4/2008

San Luis

- Commence underground program & feasibility study

Pitarrilla

- Drilling, resource update, underground program

Snowfield

- Drilling, resource update

Diablillos

- Resource update, update 2001 pre-feasibility study

Maverick Springs

- Drilling

SILVER STANDARD

Board of Directors



Mike (Arthur) Anglin
Former Vice President, Operations
Base Metals Group
BHP Billiton



John Brodie, FCA
President,
John R. Brodie Capital Inc.



Richard C. Campbell, MBE
Former President,
BP Alaska



Gordon Davis
Founder and former director,
Cyprus Anvil



David Johnston
Former President and GM,
Highland Valley Copper Corp.



Richard Paterson
Managing Director,
Genstar Capital



Robert Quartermain
President



Peter Tomsett
Chairman
Former President and CEO,
Placer Dome Inc.

SILVER STANDARD

Management Team



Robert Quartermain
President



Ken McNaughton
Vice President,
Exploration



Ron Burk
Chief Geologist



George Paspalas
Senior Vice President,
Operations



Tony Horton
Vice President,
Risk Management



Jonathan Singh
Corporate Controller



Joe Ovsenek
Senior Vice President,
Corporate



Paul LaFontaine
Director,
Investor Relations



John Kim
Assistant Corporate
Secretary



Tom S.Q. Yip, C.A.
Vice President, Finance
and Chief Financial Officer



Max Holtby
Senior Geologist



Kevin Torpy
Project Mine Engineer

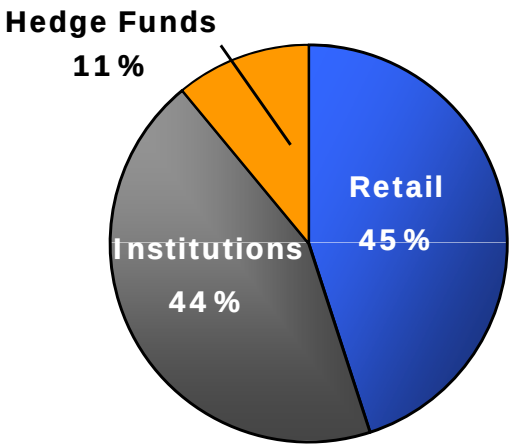
SILVER STANDARD

Silver Standard Summary

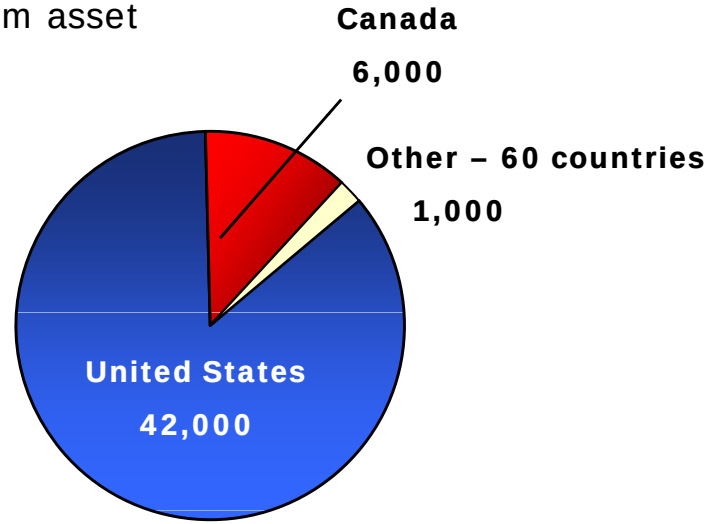
- Largest silver resource[1] base of all publicly traded primary silver companies
  - Proven and probable reserves: **195.1** million oz.
  - Measured and indicated resources: **956.2** million oz.
  - Inferred resources: **452.6** million oz.

- Market cap: **US$1.76 billion**
- Shares outstanding: **62.7 million** issued**,** fully diluted: **67.0 million**[2]
- Listings: Nasdaq Global Market – SSRI, TSX – SSO
- 2008 share liquidity: **950,000/day**

- Cash: **C$185 million**[2]
- Marketable securities: **C$27million**[2]
- Convertible debt: **US$138 million** due 2028[2]
- **C$27 million**[2] in Canadian ABCP currently held as a long-term asset



Shareholder Profile



[1]*Based on publicly disclosed silver reserves and resources and share price at August 6, 2008*

[2]*At June 30, 2008*

SILVER STANDARD

Silver: Versatile & Without Substitute



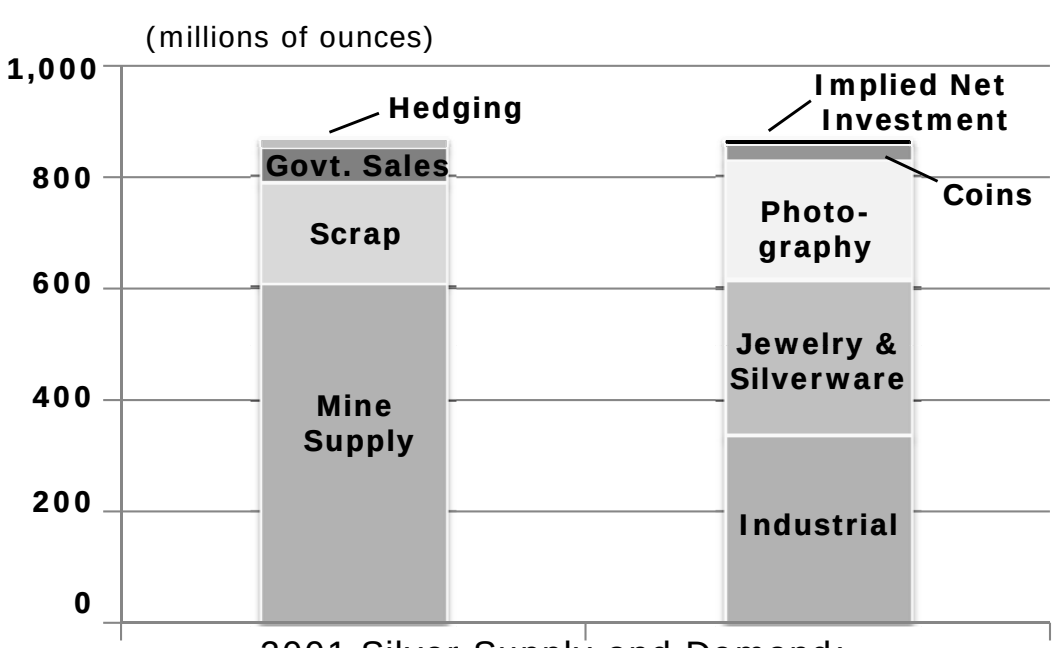




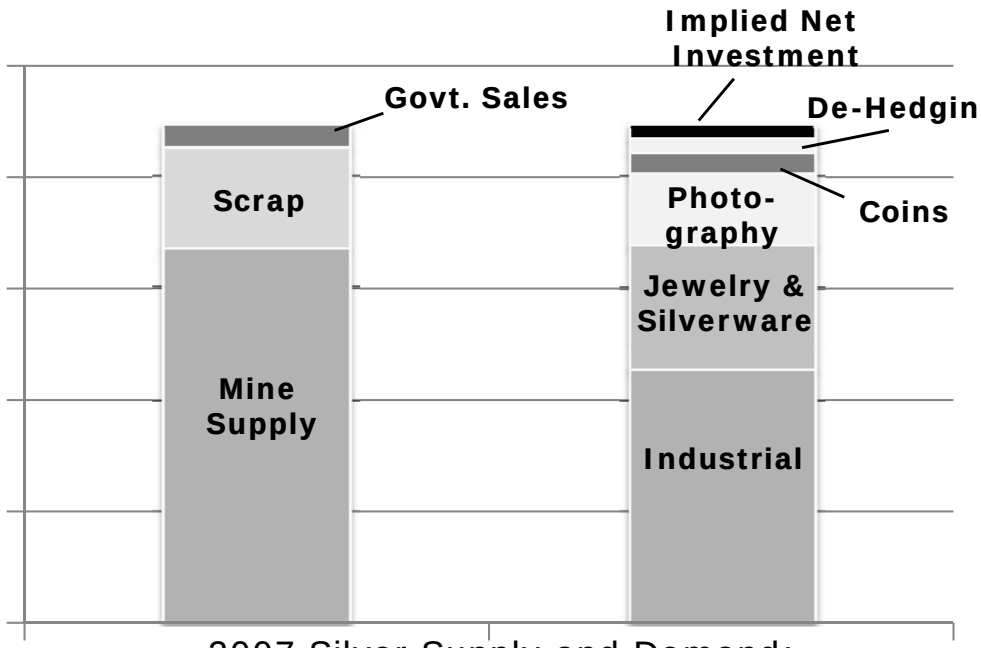
- Photosensitive
- Natural biocide – water purification, wound dressings
- Best electrical and thermal conductor – used in contacts in the form of inks, films and pastes
- Chemically reactive – catalyst for plastics and petrochemical industry, used in batteries
- Strength and fluidity – used in solders, brazing alloys
- Highly reflective – mirrors, glass coatings

SILVER STANDARD

Silver Supply & Demand



2001 Silver Supply and Demand:
870.4 million ounces



2007 Silver Supply and Demand:
894.5 million ounces

Supply

- Mine supply up 11% since 2001
- Net government sales down 32% since 2001

Demand

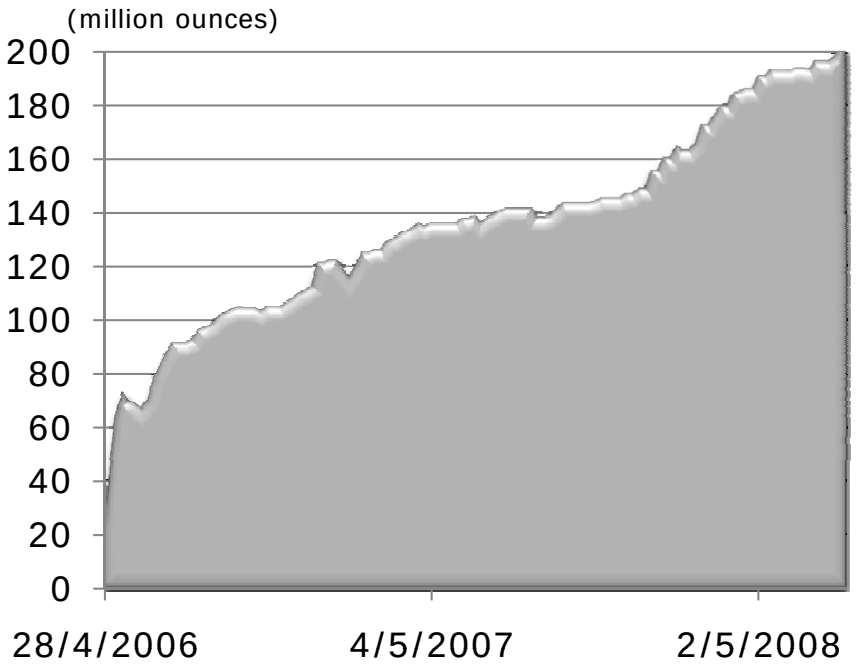
- Photographic demand down 40% since 2001 – absorbed by new demands
- Industrial demand up 36% since 2001, and now represents over half of total demand
- New uses evolving from technological innovation and market forces such as European lead solder ban

Source: GFMS Limited

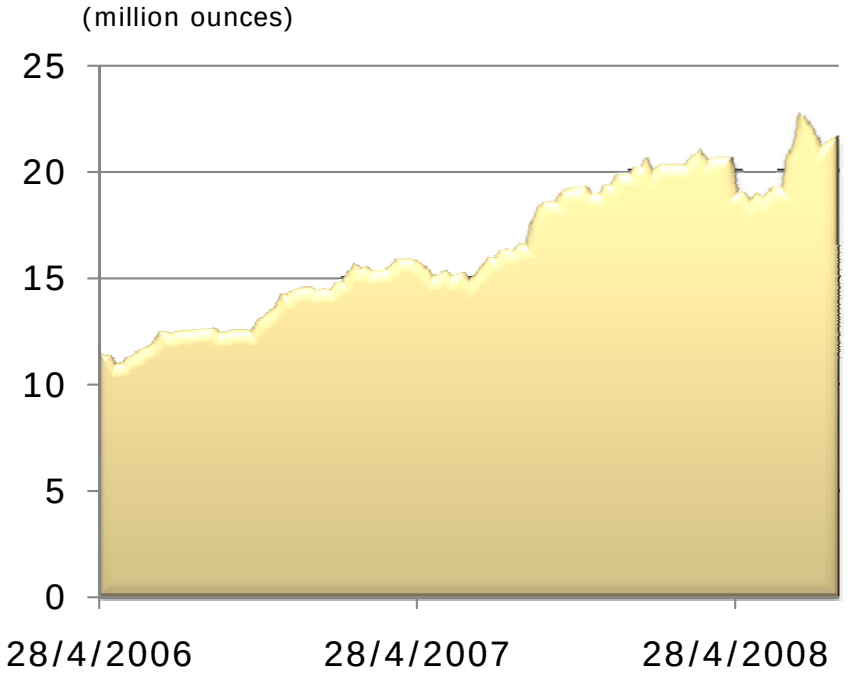
SILVER STANDARD

ETF Demand

iShares Silver ETF Weekly April 2006 - Aug 2008



StreetTracks Gold ETF Weekly April 2006 – Aug 2008



- iShares Silver ETF investment demand has grown from 21 million ounces in April 2006 at its inception to over 200 million ounces in August 2008
- Silver has a high correlation to gold (0.97)

Source: iShares and StreetTracks

SILVER STANDARD