

**GOLDEN**  
MINERALS COMPANY



Corporate Presentation, September 2011

# CAUTIONARY STATEMENTS

**Cautionary Note Regarding Forward Looking Statements:** Statements made regarding matters which are not historical facts, such as anticipated expenditures and exploration and business plans, estimates of resources and geologic potential, anticipated revenues and expenses, the timing of anticipated resource updates and preliminary economic assessments, potential construction, the interpretation of mineralized structures encountered in the development drift, planned and potential exploration activities, anticipated timing and amounts of production, and recoveries and expenditures at Velardeña, are “forward looking statements” within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 and Canadian securities legislation, and involve risks and uncertainties that could cause actual results to differ materially from those projected, anticipated, expected or implied. These risks and uncertainties include, but are not limited to, whether the El Quevar mine model is confirmed; the information about the El Quevar deposit that is developed if the mine model is not confirmed; metals price volatility, the variability of external financing on acceptable terms or at all, exploration and development risks and results, future actions of governments of countries where our properties are located, world economic and capital markets conditions, our future performance and expectations about our performance.

**Exploration Results:** This presentation includes information regarding selected drill and sampling results on certain of the company’s exploration properties. Complete drill and sampling results may be viewed by visiting the company’s website at [www.goldenminerals.com](http://www.goldenminerals.com).

**Cautionary Note to United States Investors Regarding Estimates of Measured, Indicated and Inferred Resources:** We use certain terms in this presentation, such as “indicated” and “inferred resources”, that are defined in Canadian National Instrument 43-101; however these terms are not recognized under the U.S. SEC Industry Guide 7. US investors are cautioned not to assume that any or all of measured, indicated or inferred resources are economically or legally mineable or that these resources will ever be converted into reserves. “Inferred mineral resources” have a high degree of uncertainty as to their existence and it cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to a higher category. U.S. investors are urged to consider closely the disclosure in our Form 10-K and other SEC filings. You can review and obtain copies of these filings from the SEC’s website at <http://www.sec.gov/edgar.shtml>.



# GOLDEN MINERALS AND ECU MERGER

- Transaction closed September 2, 2011
- Creates a new junior silver mining company with strong growth profile
  - Expansion and ramp-up of existing production at Velardeña
  - Project evaluation stage El Quevar project for future growth
  - Extensive precious metals exploration portfolio
- Provides increased scale
  - Significant managerial and operational synergies
  - Strong balance sheet
  - Expanded shareholder base
  - Improved access to capital markets for future growth
- Highly leveraged to silver
- Experienced management team and board
- Cash and minimal debt

# MANAGEMENT TEAM

## **Jeff Clevenger**

### ***Chairman, President and CEO***

- Over 36 years of mining industry experience
- Former CEO of Apex Silver
- Former EVP of Cyprus Amax and President of Cyprus Climax Metals



## **Jerry Danni**

### ***Executive Vice President***

- Over 30 years of managerial and operations experience in the mining industry
- Former Senior VP, Environment, Health and Safety with Kinross Gold



## **Bob Vogels**

### ***Senior VP and CFO***

- Over 25 years of mining industry experience
- VP of Finance and Controller for Apex Silver



## **Robert Blakestad**

### ***Senior VP, Exploration and Chief Geologist***

- Over 35 years of mining industry experience
- Former President and CEO of International Taurus Resources, former VP of Exploration and Chief Geologist with Amax Gold



## **David Drips**

### ***Project Director***

- Over 30 years international mining experience
- Significant management experience in underground mining with Breakwater, Pan American and Hecla

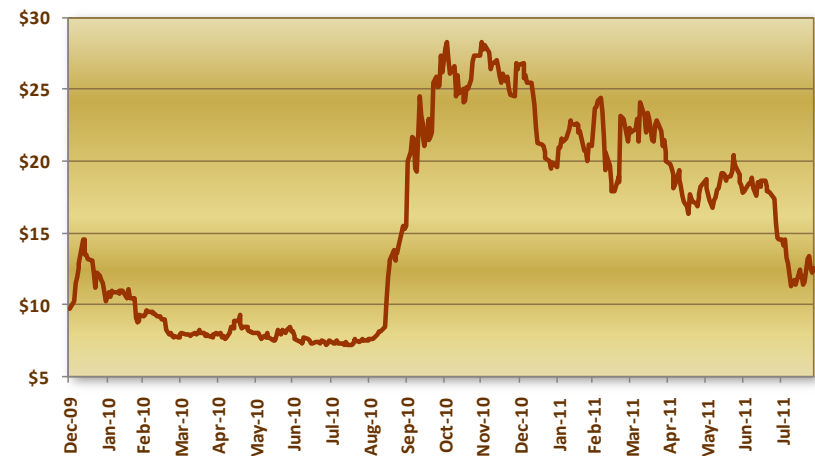




# CORPORATE STRUCTURE

- U.S. company incorporated in Delaware
  - Corporate office in Golden, Colorado
  - Regional offices in Mexico, Argentina and Peru
- Major institutional shareholders
  - The Sentient Group
  - Gilder Gagnon Howe & Co
  - Galtere Ltd.
  - Sprott Asset Management
  - Sentry Investments
- Stock exchange listings
  - NYSE Amex: AUMN
  - TSX: AUM

Share Price History



# CAPITAL STRUCTURE

As of September 2, 2011 (in millions)

Shares Issued & Outstanding	31.5
Warrants	2.2
Stock Options and Restricted Stock Units	0.9
Fully Diluted Shares	34.6
Cash and Short-Term Investments *	\$86.8
Debt*	\$17.3
Hedging	\$0
Market Capitalization*	\$440.6

\* As of June 30, 2011. Market capitalization as of August 30, 2011.

# TOTAL MINERAL RESOURCES

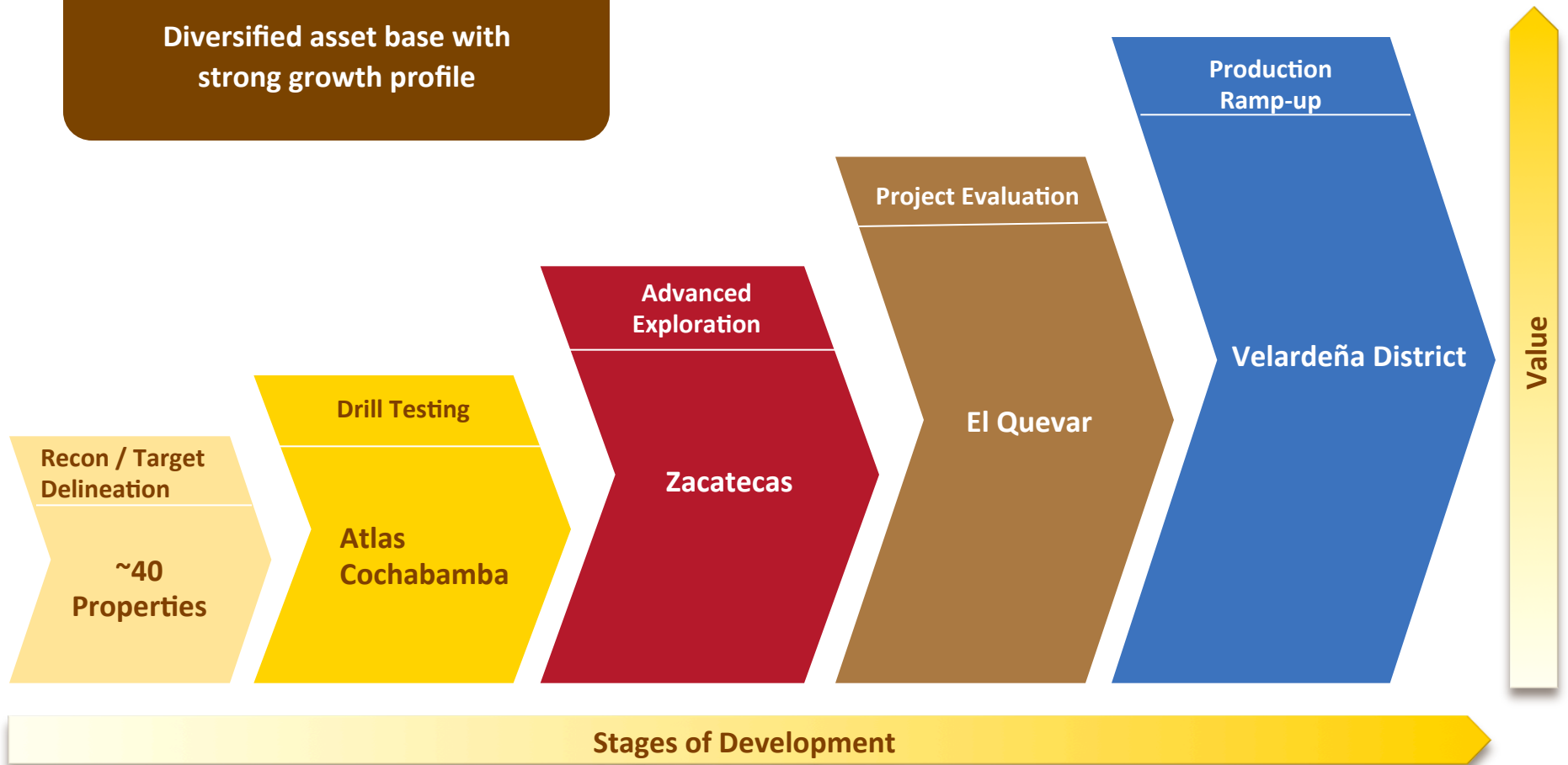
	<b>Tonnes (M)</b>	<b>Silver M oz</b>	<b>Gold M oz</b>	<b>Lead B lbs</b>	<b>Zinc B lbs</b>
Measured & Indicated	4.8	25.0	0.3	0.03	0.04
Inferred	31.2	187.0	1.8	1.00	1.24

*Note: resource information from Micon NI 43-101 technical reports dated January 20, 2009 (Velardeña District) and August 2010 (El Quevar). Figures include 50% of San Diego.*



# ATTRACTIVE GROWTH PROFILE

Diversified asset base with strong growth profile



# EXTENSIVE PORTFOLIO OF ASSETS

**Velardeña Mining District**

- Significant high-grade resource open laterally and at depth
- Production expansion planned

**Zacatecas Project**

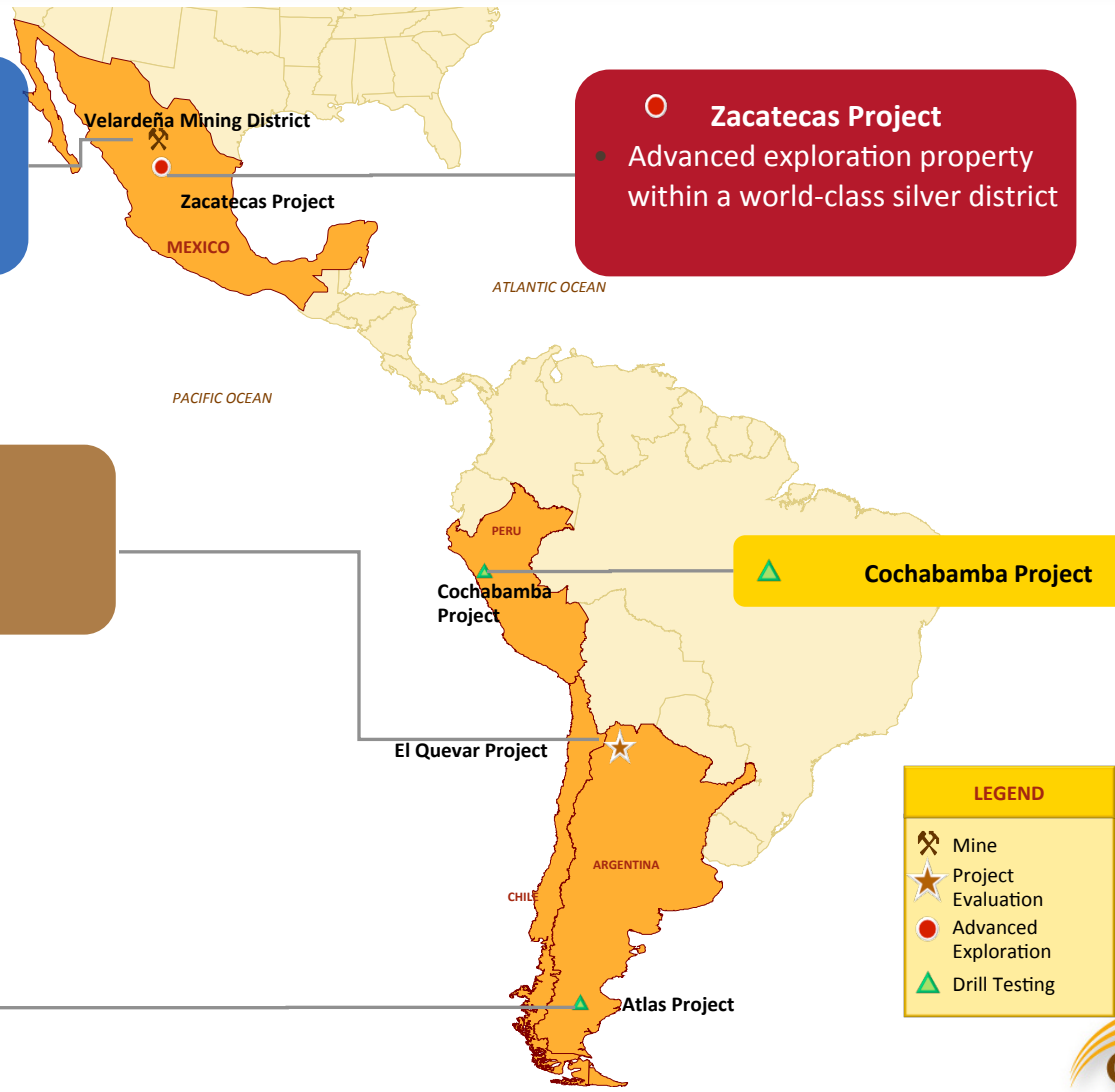
- Advanced exploration property within a world-class silver district

**El Quevar Project**

- Evaluation stage project
- Silver district potential

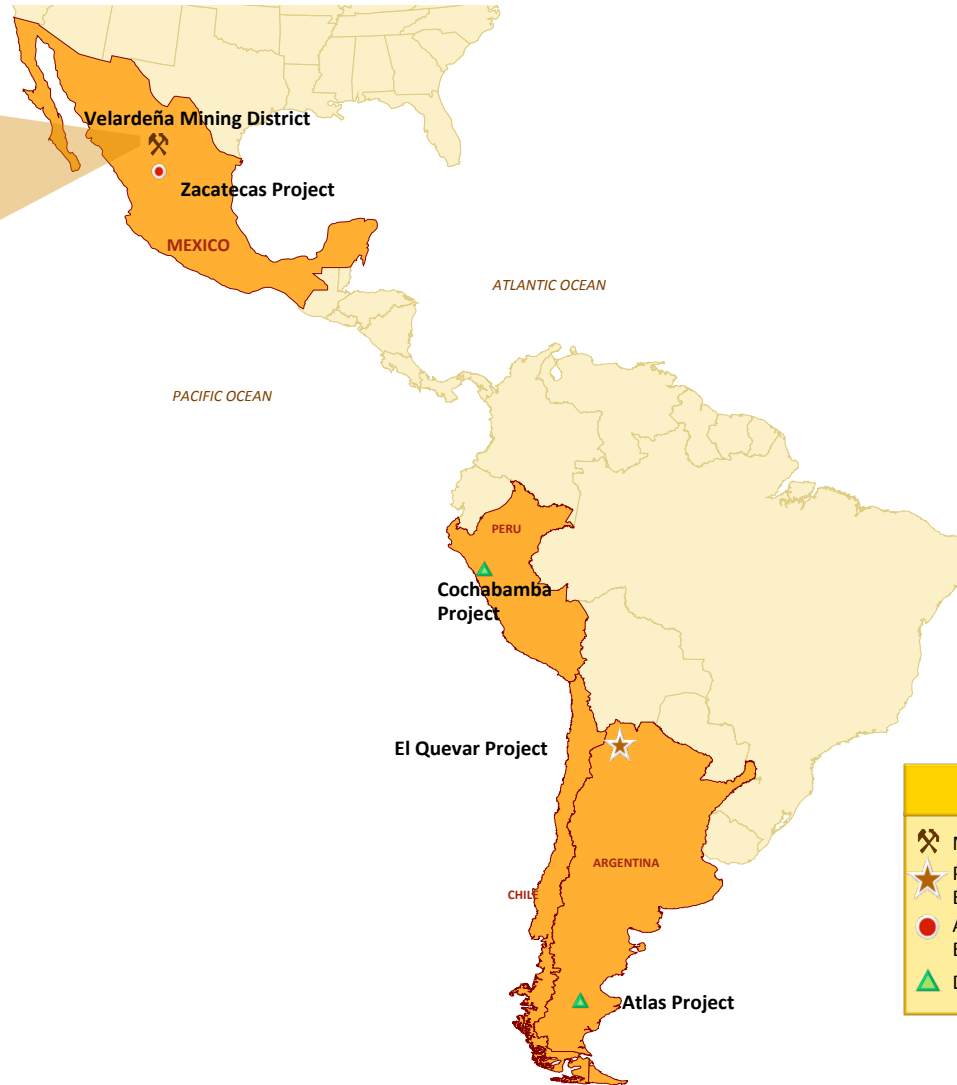
**Cochabamba Project**

**Atlas Project**



# VELARDEÑA: PRODUCTION RAMP-UP

Velardeña



LEGEND	
	Mine
	Project Evaluation
	Advanced Exploration
	Drill Testing



# VELARDEÑA DISTRICT

## World-class District

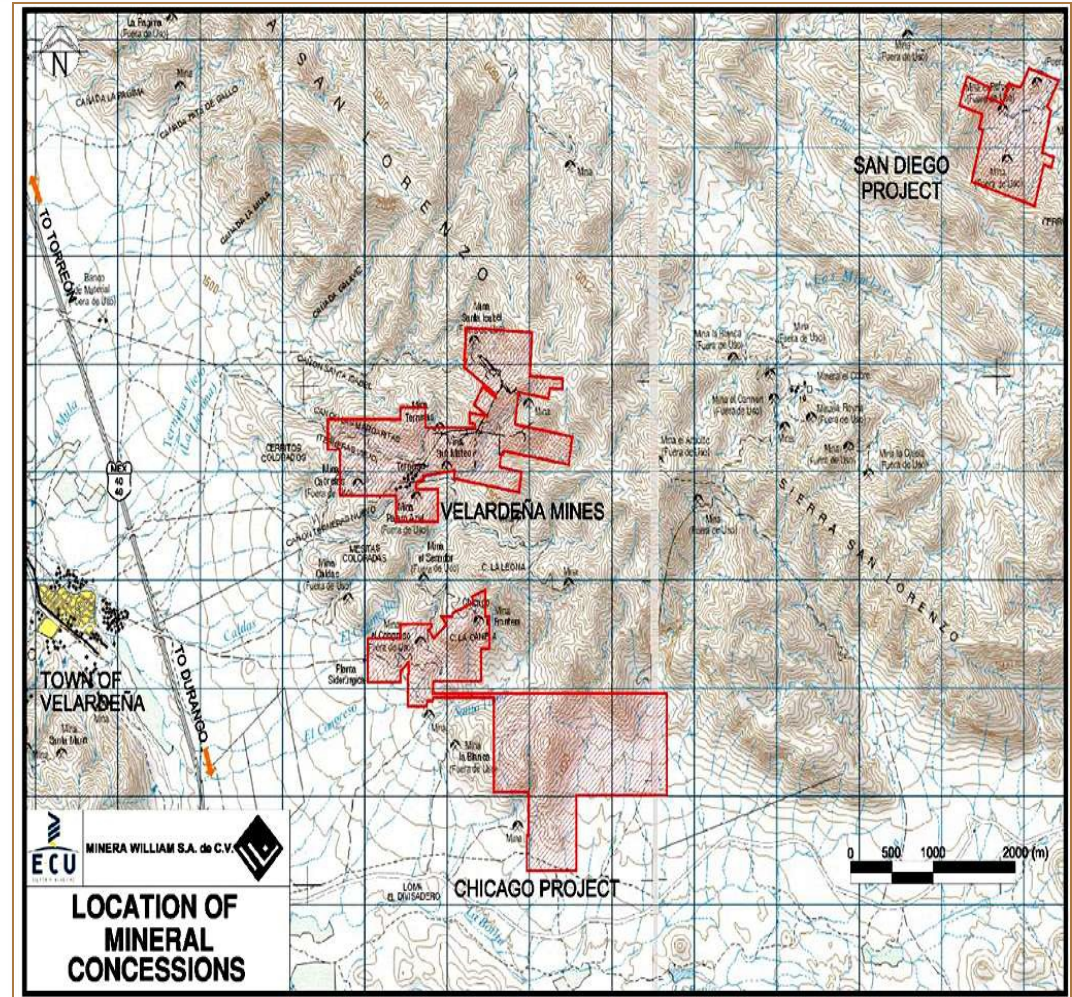
- Located in Durango, one of Mexico's leading mining states
- Over 250 Moz Ag have been produced in the district to date
- Excellent infrastructure
- 693 hectare project

## Significant Mineral Resource

- 40 Moz AgEq M&I
- 391 Moz AgEq Inferred
- Only 50% of our property has been explored

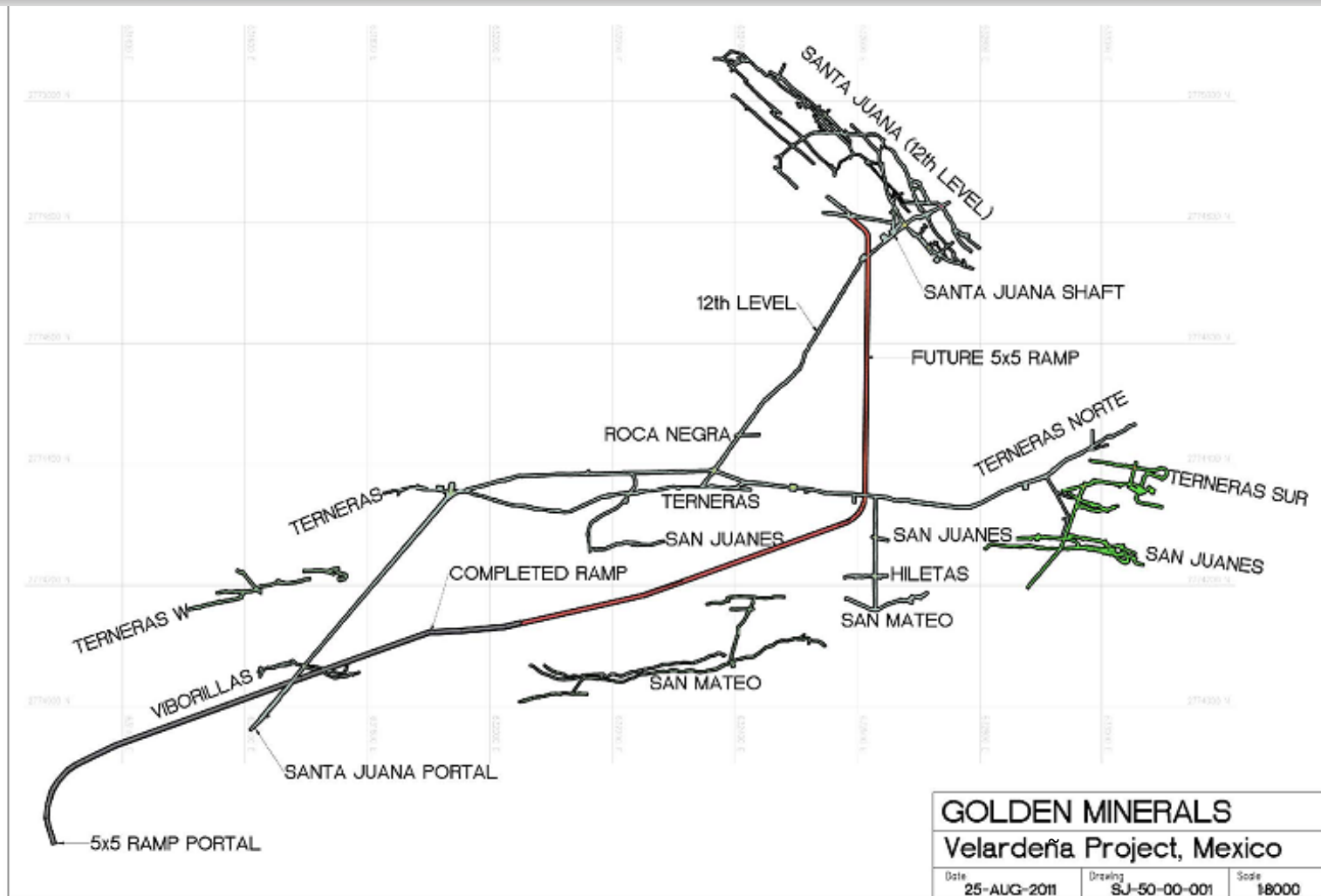
## Properties:

- Velardeña Property: 100% interest
- Chicago Property: 100% interest
- San Diego Property: 50% interest



AgEq data calculated using pricing as outlined in Micon NI 43-101 technical report dated January 20, 2009: Ag \$14, Au \$775, Pb \$0.9 and Zn \$1.28. Figures include 50% of San Diego.

# VELARDEÑA PROPERTY



# VELARDEÑA: SIGNIFICANT MINERAL RESOURCE

## NI 43-101 Resource – Velardeña District

	Tonnes	Silver M oz	Gold M oz	Lead M lbs	Zinc M lbs	Silver Eq. (All Metals)
Measured & Indicated	3.8	14.7	0.3	21.4	33.8	35.2
Inferred	15.7	97.3	1.7	567.4	693.1	292.0

- Predominantly a precious metals resource
  - 46 mineralized veins
- Resources are open laterally and at depth
  - Potential to double the resource

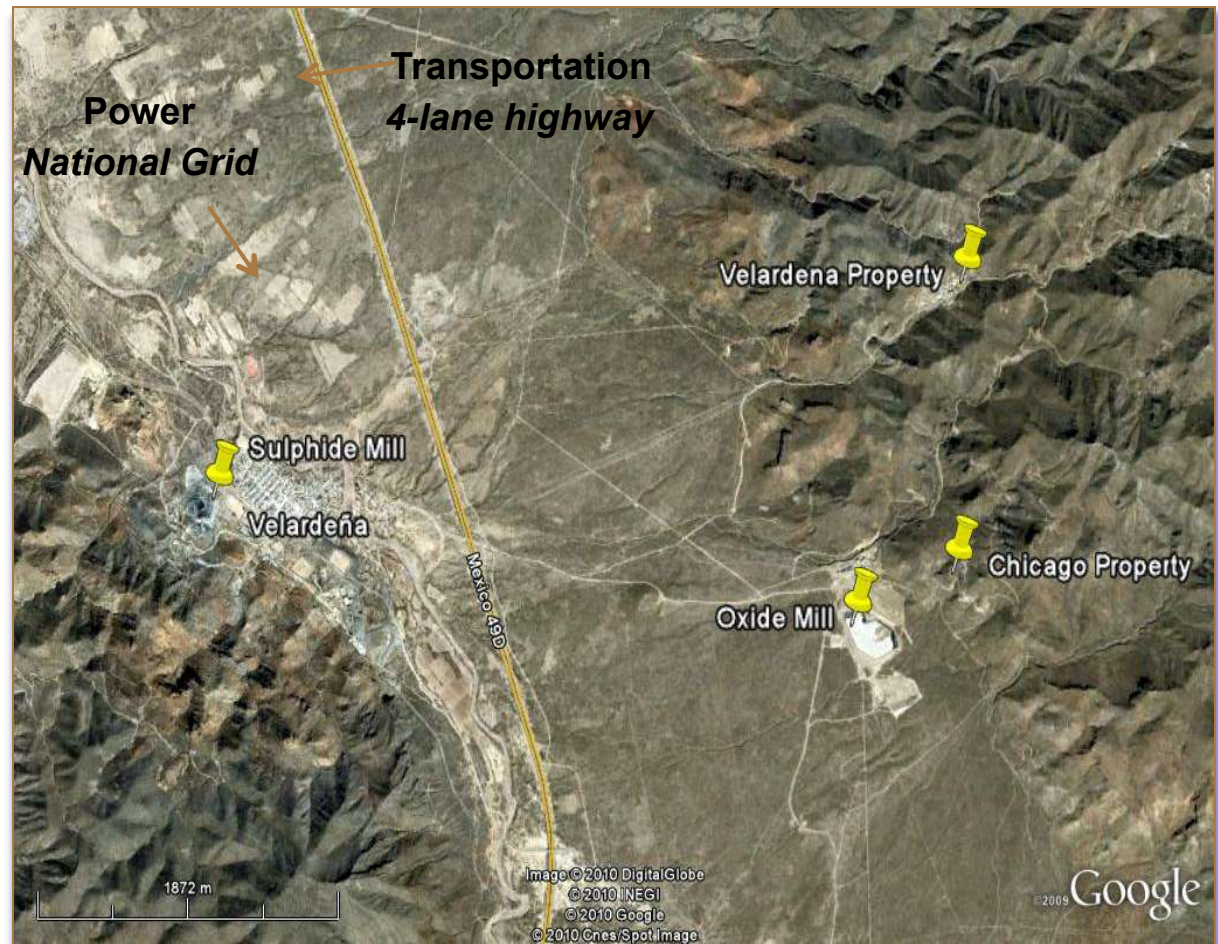
Resource Grade	
Ag	179 g/t
Au	3.2 g/t
Pb	1.37%
Zn	1.69%

AgEq data calculated using pricing as outlined in Micon NI 43-101 technical report dated January 20, 2009. Prices include Ag \$14, Au \$775, Pb \$0.9 and Zn \$1.28. Figures do not include San Diego.



# VELARDEÑA: PRODUCTION EXPANSION

- New 2,000 tpd sulfide plant proposed
  - Anticipated annual production:
    - Silver – 4 million ounces
    - Gold – 80,000 ounces
    - Lead – 10 million pounds
    - Zinc – 10 million pounds
- Three year construction and ramp-up
- Metallurgical and engineering studies underway
- Good infrastructure in place
  - Access
  - Power
  - Water



# VELARDEÑA: CURRENT MILL OPERATIONS

Two mills currently operating:

## Oxide Mill

- 500 tpd capacity
- Produces gold/silver doré bars



## Sulfide Mill

- 320 tpd capacity
- Produces lead, zinc and pyrite concentrates





# VELARDEÑA PRODUCTION FORECAST

	Q4 2011	Q1 2012	Q2 2012	Q3 2012	Q4 2012
Production (payable metals)					
Gold (oz)	1,000	2,000	3,000	4,000	4,000
Silver (oz)	42,000	73,000	120,000	185,000	214,000
Lead (lbs)	23,000	38,000	59,000	87,000	101,000
Zinc (lbs)	51,000	85,000	131,000	193,000	223,000

# EL QUEVAR PROJECT





# EL QUEVAR: ASSET OVERVIEW

## ■ Favorable Location

- Salta Province is strongly pro-mining: legal stability, economic/fiscal incentives, geological potential and strong political support

## ■ Exploration

- +820 meters of underground exploration drifting completed on east portion of the Yaxtché zone
- +330 drill holes completed to date in district, approximately 71,000 meters
- Underground fan drilling planned in exploration drift on east and central Yaxtché zone
- Surface drilling underway on west Yaxtché
- Currently evaluating bulk mining

## ■ Metallurgical Studies Undertaken

## ■ Environmental Baseline Studies Completed



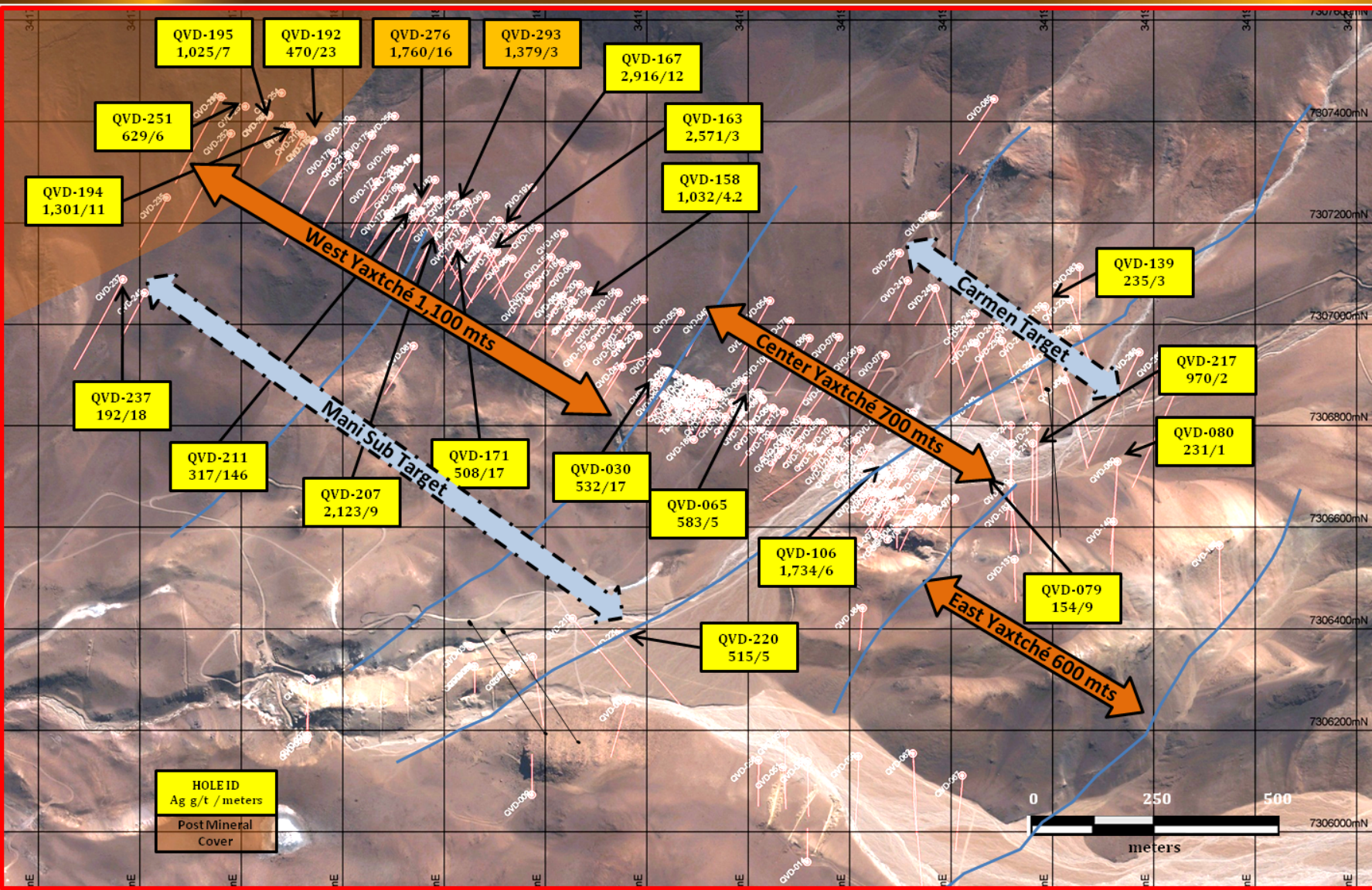
# EL QUEVAR PROJECT

- 100% ownership or control of approximately 60,000 hectares
- District potential
- Yaxtché mineralized zone is priority target
  - Approximately 2km strike length
  - Remains open along strike and up and down dip





# YAXTCHÉ ZONE



# EL QUEVAR: A GROWING HIGH-GRADE RESOURCE

## ▪ Significant Resource

- Data from 168 drill holes used for current Yaxtché resource estimate (August 2010)
- 75% of holes on Yaxtché deposit encountered Ag mineralization of +100 g/t over at least a one meter intercept

## ▪ Additional Targets

- Resource based only on Yaxtché zone

Category	M Tonnes	Silver Contained	
		M Oz	g/t
Indicated	0.9	9.0	310
Inferred	4.8	51.5	336

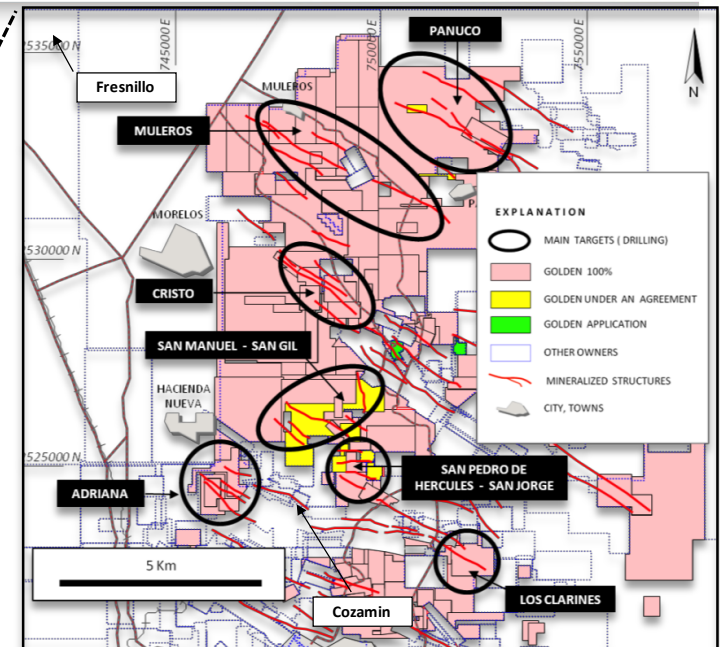
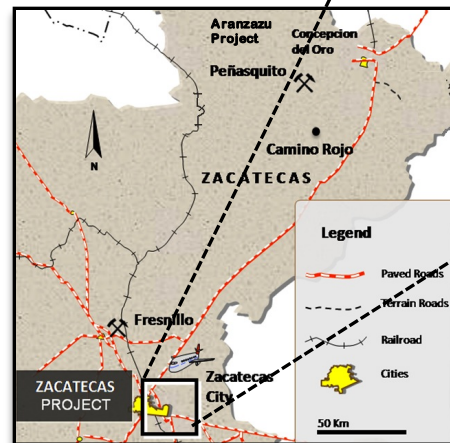


# ZACATECAS: ADVANCED EXPLORATION



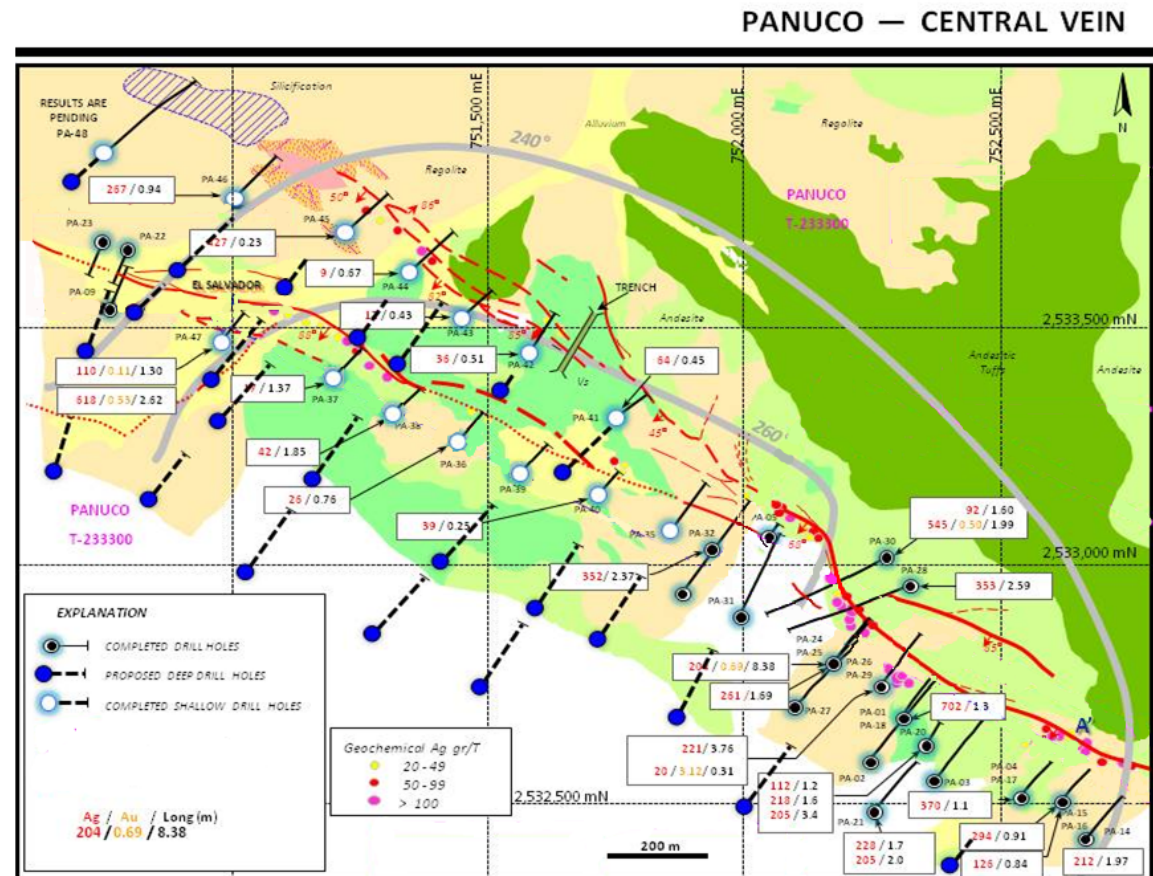
# ZACATECAS: OVERVIEW

- Located in prolific silver district
- 40 km southeast of Fresnillo
- 100% controlled
  - 15,000 hectares
  - District potential
  - 65% of district
- 30 km of veins containing silver-gold-base metal mineralization
- Vein systems hosted in volcanic and sedimentary rocks



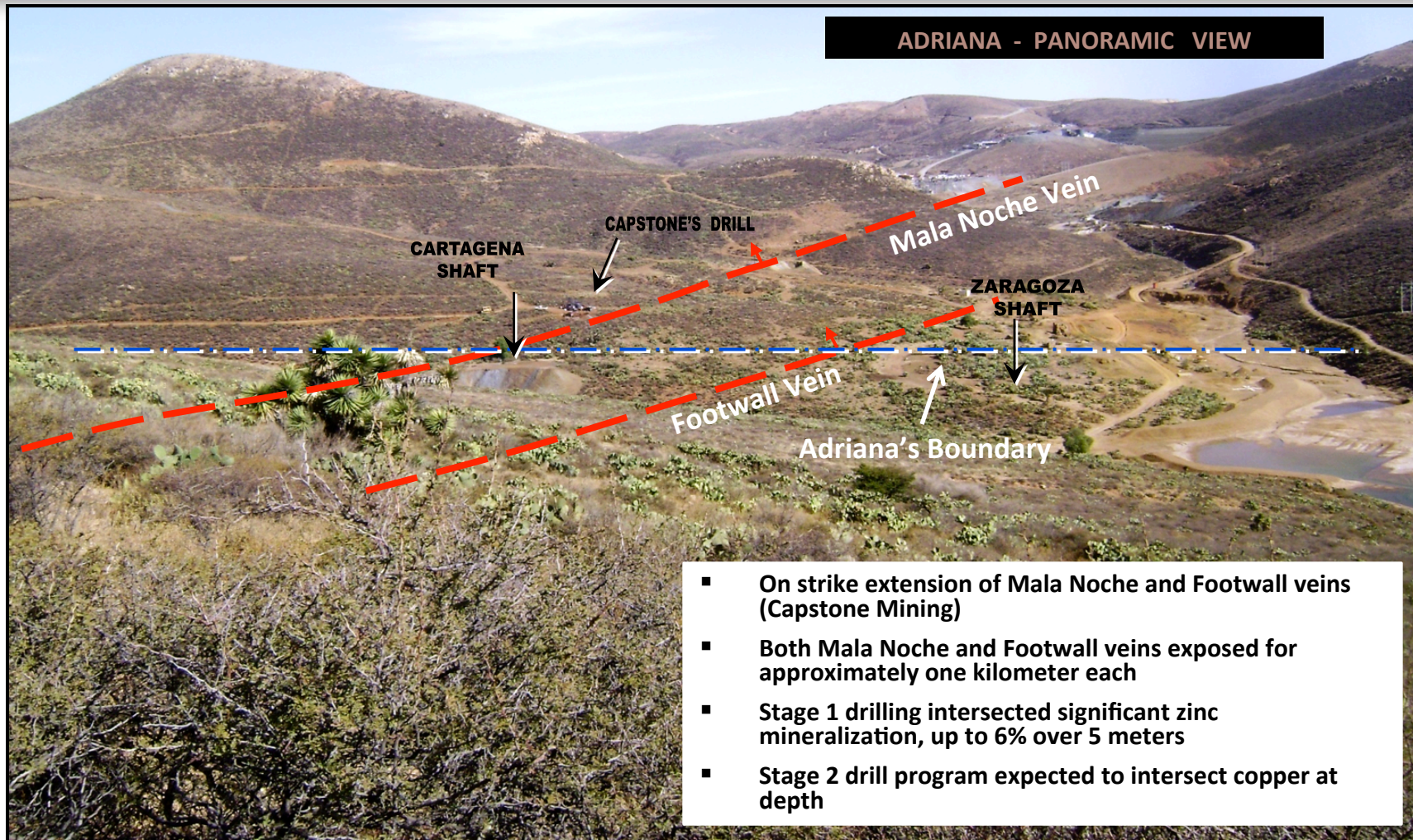
# ZACATECAS PROJECT – PANUCO TARGET

- Approximately 5 kms of vein exposed
- Surface sampling up to 600 g/t silver and 2.5 g/t gold
- 11,140 m in two drill tests returned values of up to 1,303 g/t silver and 2.47 g/t gold
- Stage 3 drilling currently underway – 40 holes



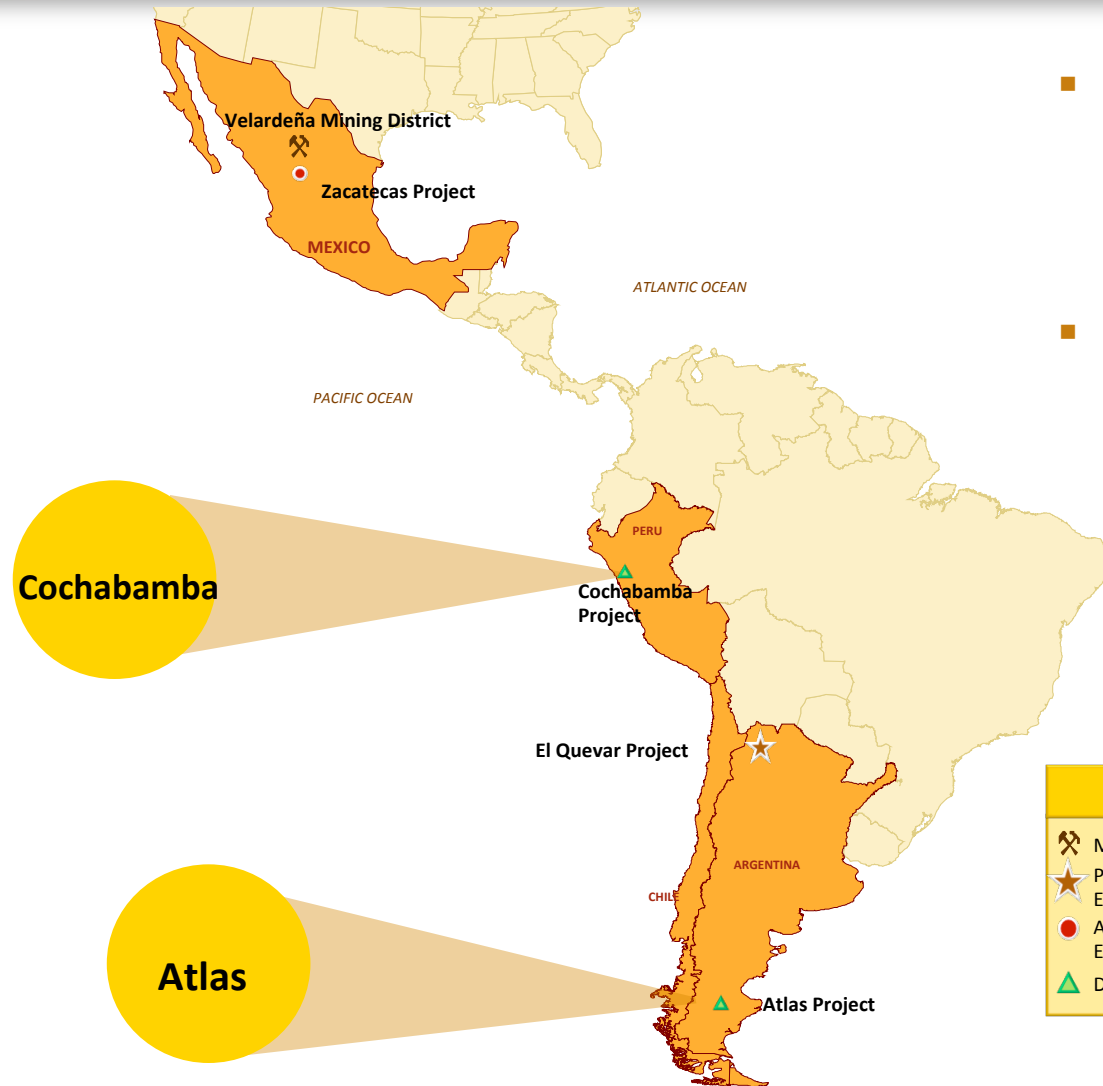


# ZACATECAS PROJECT –ADRIANA TARGET





# DRILL TESTING PROJECTS



## ■ Atlas - Argentina

- Located in the Deseado Massif area near Cerro Vanguardia
- Epithermal veins up to 10 m wide with up to 10 g/t Au in outcrop samples

## ■ Cochabamba - Peru

- Veins and breccias in Tertiary Volcanic rocks
- Near the San Luis deposit controlled by Silver Standard
- Sampling has returned up to 14 g/t Au and 450 g/t Ag

LEGEND	
	Mine
	Project Evaluation
	Advanced Exploration
	Drill Testing

# FORECAST EXPENDITURES

## FORECAST EXPENDITURES THROUGH 2011

Item	Amount (\$000)
Velardeña	\$10.0 M
El Quevar	\$12.0 to \$15.0 M
Exploration	\$8.0 M
ECU merger transaction costs	\$5.0 M
ECU debt service and short term liabilities	\$9.0 M
ECU Convertible note	\$15.0 M
Working capital and general corporate purposes	\$2.0 M
G&A	\$4.0 M

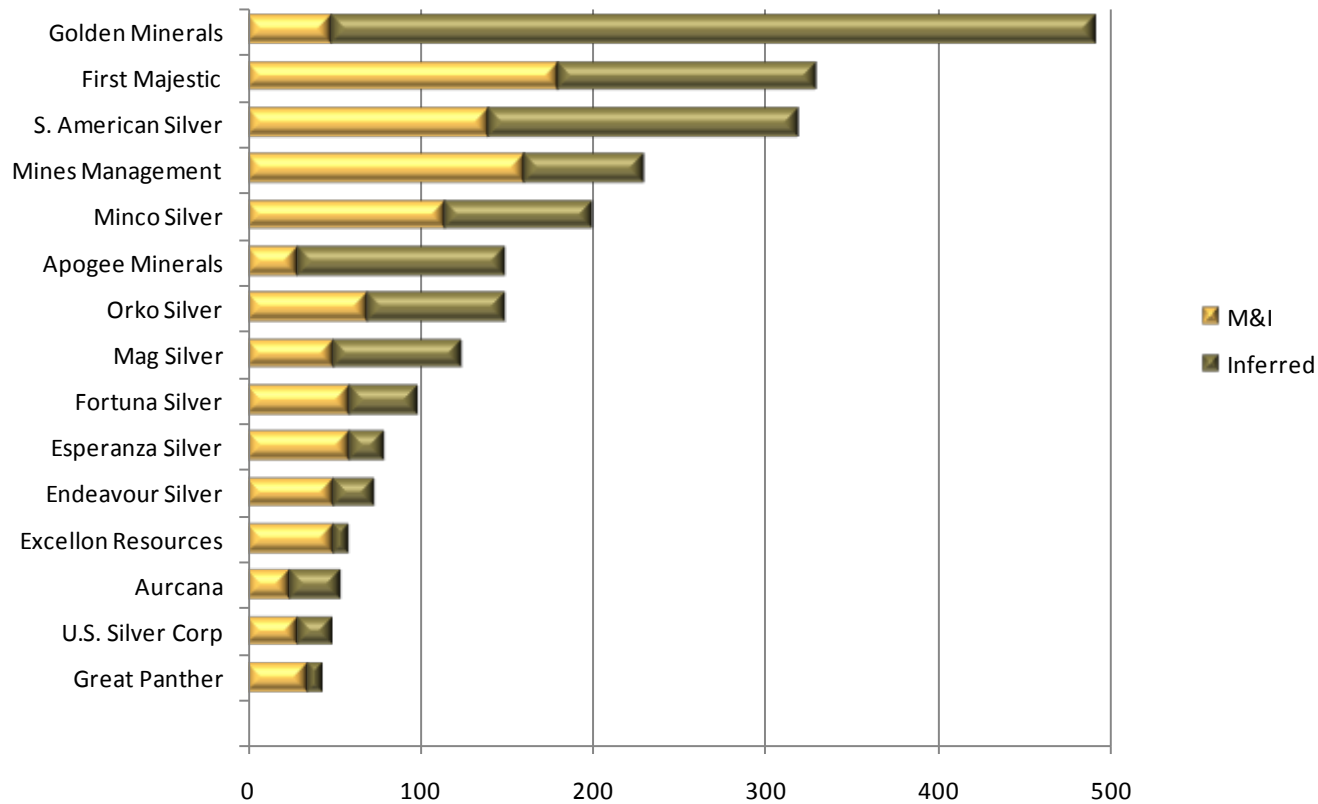
*Note: Forecast expenditures July through December, 2011. Velardeña expenditures September through December, 2011.*

## 2011-2012 MILESTONES

Activity	Timeframe
<input checked="" type="checkbox"/> Golden Minerals-ECU merger close	September 2011
<input checked="" type="checkbox"/> Initiate metallurgical and engineering studies for Velardeña expansion	September 2011
<input type="checkbox"/> Update Velardeña resource assessment	Q4 2011
<input type="checkbox"/> Update El Quevar resource assessment	Q4 2011
<input type="checkbox"/> Complete Velardeña PEA for 2,000 tpd operation	Q2 2012
<input type="checkbox"/> Exploration updates	As available

# RESOURCES TOP IN PEER GROUP

## Junior Producers: Mineral Resources AgEq, Moz.

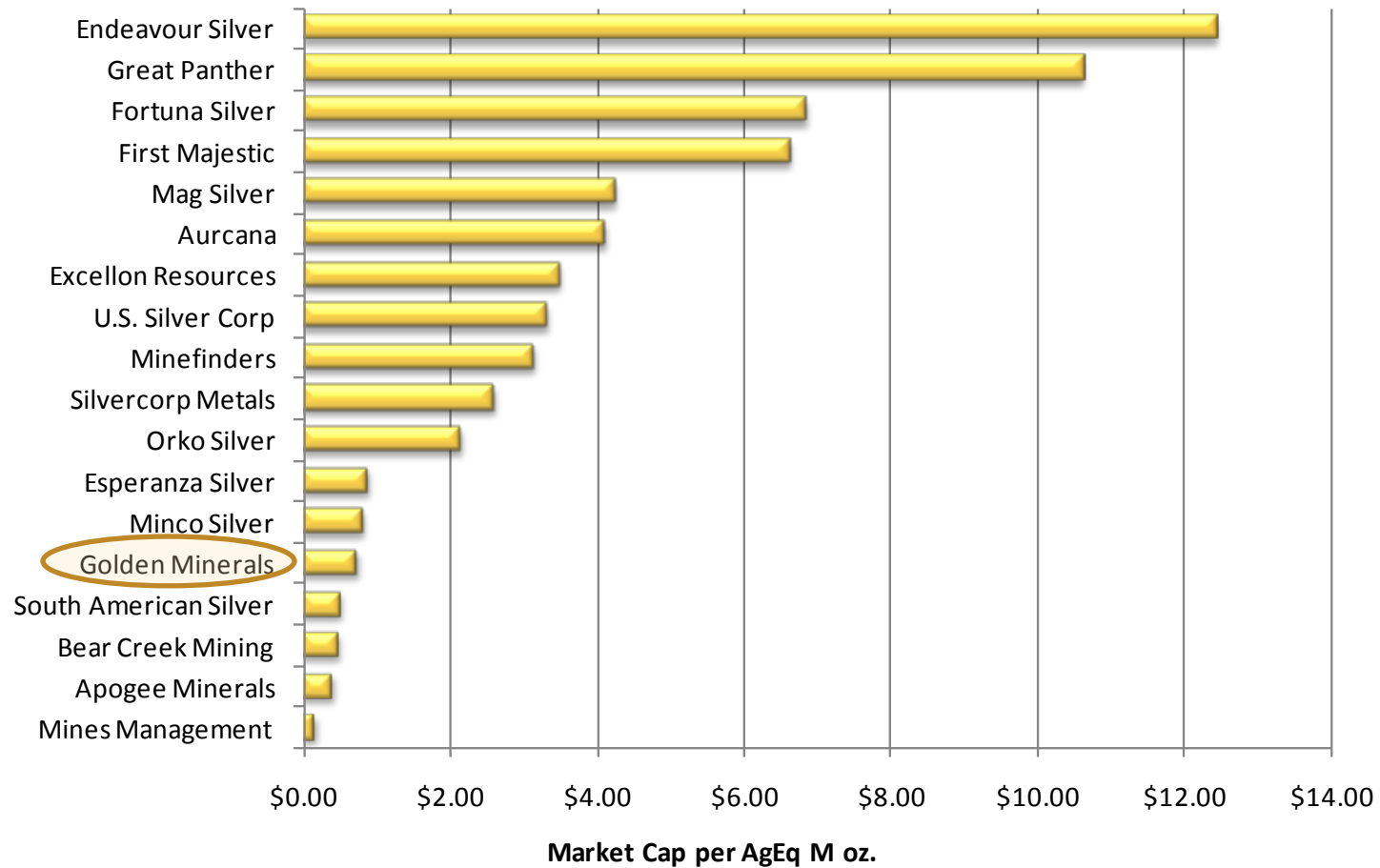


Data as of March, 2011. Golden Minerals includes ECU AgEq resources as per Micon 43-101 dated January 2009. Golden M&I from Micon 43-101 dated August 2010.



# VALUE OPPORTUNITY

## Market Cap per AgEq M oz.



# A GOLDEN OPPORTUNITY

- The right assets
- The right people
- The right combination to unlock value



**DISCOVER, BUILD, OPERATE**

# GOLDEN MINERALS COMPANY

For additional information, please contact  
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# APPENDIX

# THE SILVER MARKET – 2010

## ■ DEMAND \*

- Total fabrication demand grew 12.8% Y/Y to a 10-year high of 879 Moz
- Industrial demand grew 20.7% to 487 Moz
- Jewelry demand increased 5.1% to 167 Moz, its first substantial rise since 2003
- Coins & medals increased 28.2% to 101 Moz
- Photography demand fell 8.3% to 72 Moz, its smallest loss in nine years
- Silverware demand fell 13.6% to 50 Moz

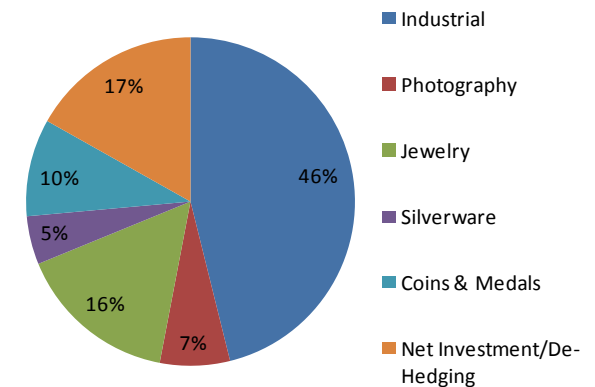
## ■ SUPPLY \*

- Worldwide mine production increased 2.5% to 736 Moz
- Gains came from primary silver mines and as a by-product of lead/zinc mining activity
- Supply produced as a by-product of gold fell 4%
- Mexico surpassed Peru as the world's largest silver producing country in 2010

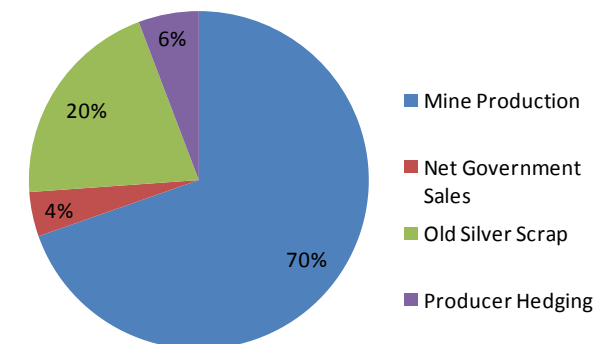
## ■ FACTS & BENEFITS of SILVER

- New and expanding uses for silver in the health, energy & electronics industries
- Silver is relatively inexpensive: its cost advantage over platinum and gold make it appealing in auto industry usage and as an investment option
- Roughly 80% of the world's silver supply is mined as a by-product of mining lead, copper, zinc or gold

**World Silver Demand**

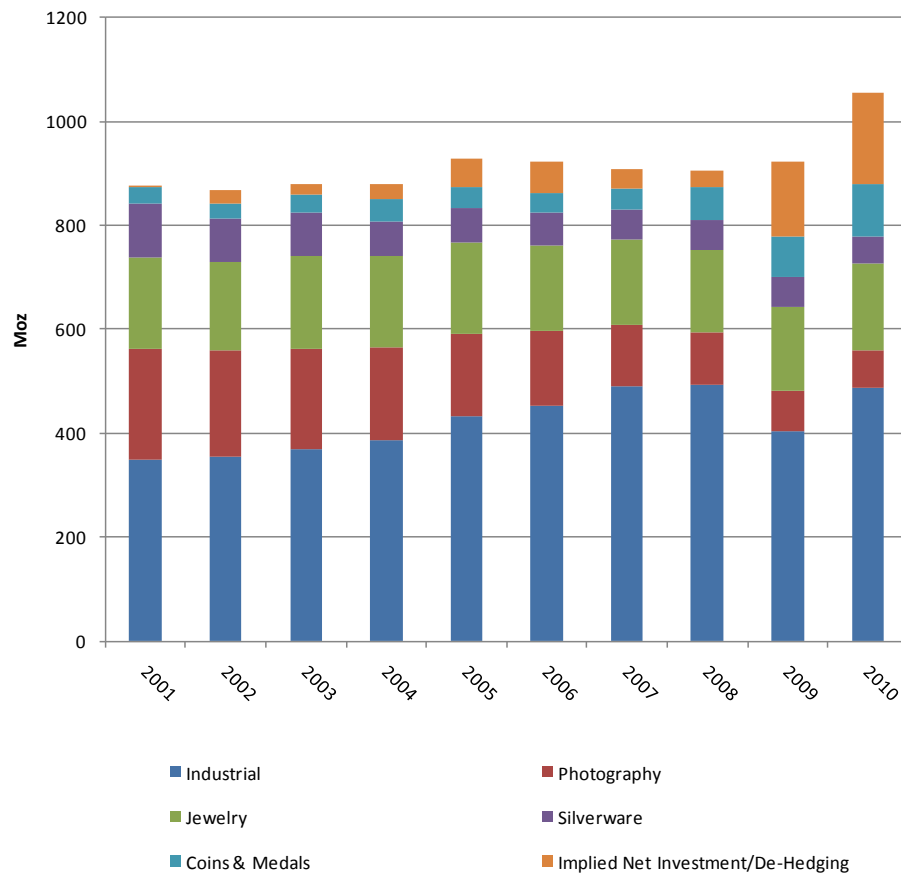


**World Silver Supply**

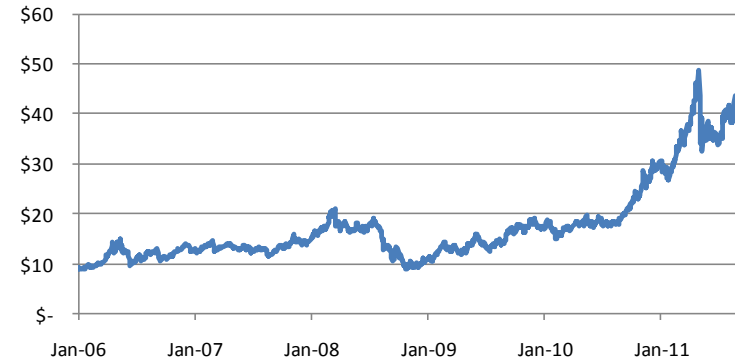


# SILVER & GOLD MARKET DATA

## World Silver Demand



## Silver Price



## Gold Price

