

Golden Minerals Company



Corporate Presentation

Precious Metals Summit, September 10-12, 2014



Cautionary Statements

- **Cautionary Note Regarding Forward Looking Statements:** Statements made regarding matters which are not historical facts, such as anticipated mining and processing at the Velardeña Properties including payable metals production; expected Velardeña restart costs; estimated cash cost per silver ounce net of byproduct credits and achieving positive cash flow at the Velardeña Properties and the timing thereof; results of drilling at Velardeña and planned drilling at Los Azules, Santa Maria and other planned exploration activities; strategic and business plans; and estimates of resources and geologic potential; the interpretation of geologic data 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, mining or processing problems or accidents at mines or exploration properties; permitting problems or delays; variations in ore grade and metallurgies and changes in interpretation of geologic information; results of drilling and other exploration activities; equipment problems or delays; failure of Velardeña Properties to re-start mining and processing or to achieve positive cash flow; whether a partner will be found for El Quevar on acceptable terms or at all; metals price volatility and potential declines; lower metals prices than anticipated and their impact on the ability to re-start mining and processing at Velardeña or to achieve positive cash flow or the timing thereof; the availability of external financing, if required, on acceptable terms or at all; operating, exploration and development risks and results; future actions of governments of countries where our properties are located; world economic and capital markets conditions; and 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.
- **Cautionary Note to United States Investors Regarding Estimates of Measured, Indicated and Inferred Resources:** We use certain terms in this presentation, such as “measured”, “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, inferred or potential 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>.

* All dollar amounts in U.S. Dollars unless noted otherwise



Golden Minerals

(NYSE MKT: AUMN) (TSX: AUM)

■ Mexican Properties:

■ Velardeña Properties: Durango State, Mexico

- ~68m AgEq oz¹ silver and gold resource with lead and zinc byproducts
- Mining activity began July 1, 2014 (mining suspended June 2013 due primarily to depressed precious metals prices)

■ Growing Presence in the Parral District, Chihuahua State, Mexico

- Santa Maria mine – signed purchase option agreement in August 2014
- Los Azules exploration property – phases one and two drilling completed
- Santa Maria located 20 kilometers southeast of Los Azules

■ Other Exploration Assets: Zacatecas, San Diego, Celaya, Santa Isabel & Ruby-Esmeralda

■ El Quevar: Salta Province, Argentina

- ~62m oz silver resource² with District potential

¹ – Per June 29, 2012 43-101-compliant resource estimate. Figures pre-date 2012 and 2013 mining activity at Velardeña.
AgEq = silver equivalent ounces, calculated at 60:1 silver to gold throughout presentation, unless otherwise noted.

² - Per June 8, 2012 43-101-compliant resource estimate



Investment Highlights

■ Growth Catalysts

- Golden restarted Velardeña mining activities (Durango State, Mexico) on July 1, 2014
 - Revenue expected in Q4 2014
 - Anticipating +\$3-6M annual cash flow from Velardeña Properties after mid-2015¹
- Seeking partner to further the El Quevar silver project (Salta, Argentina)
- Results of drilling at Los Azules project (southern Chihuahua State, Mexico) – Phase II undertaken after encouraging Phase I results
- Drilling and sample results from Santa Maria property in Chihuahua State, Mexico
- Evaluating strategic opportunities in mining-friendly jurisdictions for acquisition or earn-in

■ Significant resource base

- ~ 65M AgEq oz M&I plus ~66M AgEq oz Inferred²

■ Execution

- Experienced and proven management and board of directors

■ Cash

- \$10.4M cash & equivalents (6/30/2014), zero debt, zero hedging

¹ – Assumes prices of Ag \$20/Au \$1,250 per oz

² – Per 43-101-compliant resource estimates: dated June 29, 2012 (Velardeña) and June 8, 2012 (El Quevar). Figures pre-date 2012 and 2013 mining activity at Velardeña.



Key Facts

| | |
|---|----------------------------|
| Trading Symbol | NYSE MKT: AUMN TSX: AUM |
| Corporate Headquarters | Golden, Colorado |
| Stock Price (8-20-2014), 52-Week Range | \$1.20 (\$0.43-\$1.60) |
| Shares Outstanding (8-20-2014) | 43.5 M |
| Warrants Outstanding (\$8.42, Sept. 2017) | 3.4 M |
| Options & Restricted Stock Units | 0.8 M |
| Shares Outstanding - Fully Diluted | 47.7 M |
| Avg. Daily Volume (90-day average, 8-20-2014) | 340,000 |
| Debt, Hedging (8-20-2014) | \$0 |
| Cash (6-30-2014) | \$10.4M |
| Fiscal Year End | December 31 |
| Accounting Firm | EKS&H, LLLP |

43-101-Compliant Company Resources¹

Velardeña (Excluding San Diego JV Property)

| | Tonnes (M) | Silver (M oz) | Gold (M oz) | Silver Eq. (M oz) |
|----------------------|---------------|------------------|----------------|----------------------|
| Measured & Indicated | 2.3 | 14.6 | 0.3 | 32.6 |
| Inferred | 3.1 | 15.8 | 0.3 | 35.6 |

Grade

| Silver g/t | Gold g/t |
|---------------|-------------|
| 195 | 3.46 |
| 159 | 3.33 |

El Quevar

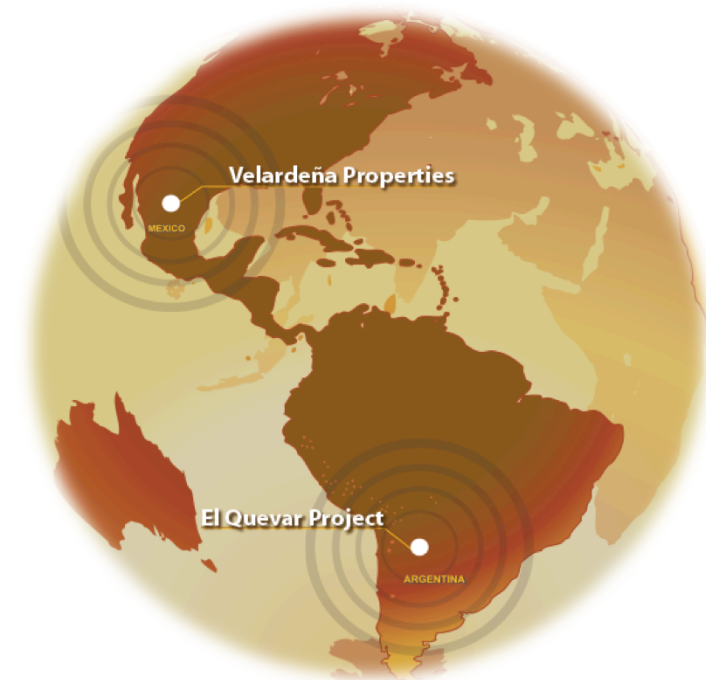
| | Tonnes (M) | Silver (M oz) | Gold (M oz) | Silver Eq. (M oz) |
|-----------|---------------|------------------|----------------|----------------------|
| Indicated | 7.1 | 32.0 | 0.0 | 32.0 |
| Inferred | 6.2 | 30.2 | 0.0 | 30.2 |

Grade

| Silver g/t | Gold g/t |
|---------------|-------------|
| 141 | n/a |
| 152 | n/a |

Total Company

| | Tonnes (M) | Silver (M oz) | Gold (M oz) | Silver Eq. (M oz) |
|----------------------|---------------|------------------|----------------|----------------------|
| Measured & Indicated | 9.4 | 46.6 | 0.3 | 64.6 |
| Inferred | 9.3 | 46.0 | 0.3 | 65.8 |

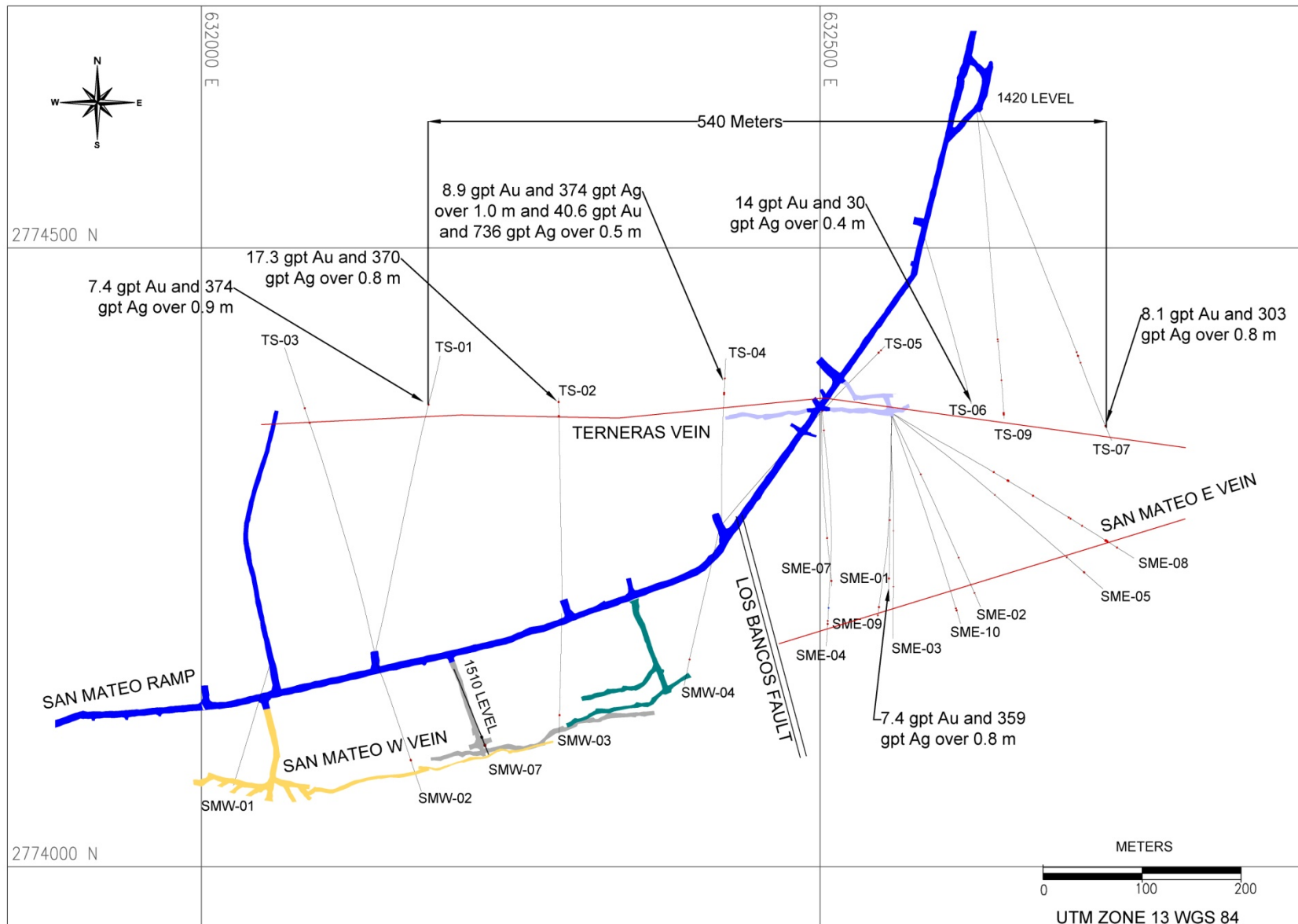




Velardeña Restart Analysis

- **2013-2014 Planning and Analysis**
 - Golden conducted a 9,000-meter drilling program (focused on Terneras and San Mateo veins) that identified multiple ore shoots with grades higher than the overall resource grade
 - Drill program represented the first known drilling of the Terneras vein system sulfides below previously-stoped areas
 - Drilled areas are largely outside the current NI 43-101-defined resource
 - Analyzed mine planning options, treatment options and external ore processing opportunities
 - Results indicate positive net cash flow at current silver and gold prices (\$20/\$1,250 per oz, respectively)
 - Plan estimates cash costs per payable Ag oz, net of by-products, in the \$12-\$15 range following ramp-up through the second quarter 2015

Velardeña – 2013-14 Drilling



RECENT DRILL HOLE LOCATIONS, TERNERAS AND SAN MATEO VEINS, VELARDEÑA MINE, DURANGO, MEXICO

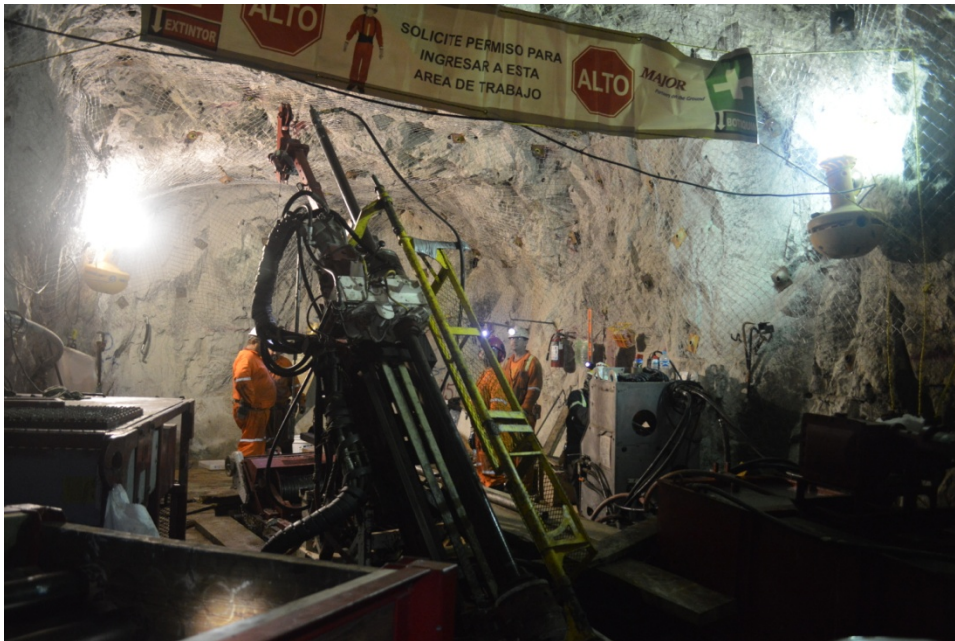


Open as Lower Cost Operation

■ **What's Different?**

- New team of mining professionals
 - New general manager, mine and mill managers
- Run only sulfide mill
- Utilize new production-sized access ramp to maximize ore removal at lower cost
- Fewer employees required than in 2011-2013: roughly 150 to be employed at year-end 2014
 - New development agreement with labor union
- Focus on Terneras, San Mateo and Roca Negra vein systems – where significantly lower arsenic levels and higher grades should provide more marketable products with favorable economics
- Overhand cut & fill mining methodology should facilitate mining of veins as narrow as 0.5 meter, resulting in less dilution to the mill
 - Golden planning assumes conservative dilution to 1.0 meter

Q3-Q4 2014 Activities



- **Q3 2014**
 - Begin mining - primarily in San Mateo vein
 - Stockpile mined material
- **Q4 2014**
 - Begin sulfide mill processing
 - Mining in San Mateo, Terneras and Roca Negra veins
 - Processing approximately 150 tonnes per day (tpd)
 - Anticipating payable metals production of approximately 150,000 oz. silver equivalents¹
 - Producing lead, zinc and gold-bearing pyrite concentrates
 - Estimating average grades of 4 gpt Au and 200 to 250 gpt Ag
 - Approximately \$30 estimated cash cost per silver oz, net of byproduct credits²

¹ Payable production includes silver and gold; excludes lead and zinc

² Calculated as cash costs after byproduct credits divided by payable silver oz. By-product credits include revenues from contained gold, lead and zinc.

First Half 2015



- Q1 2015
 - Ramp-up continues
- Q2 2015
 - Increase mining in Ternerias vein during Q2 2015
 - Processing - approximately 285 tpd
 - Anticipating payable production of roughly 275,000 silver equivalent oz¹
 - Producing lead, zinc and gold-bearing pyrite concentrates
 - Estimating average grades of 4 gpt Au and 200 to 250 gpt Ag
 - \$12-15 estimated cash cost per silver oz, net of byproduct credits²

¹ Payable production includes silver and gold; excludes lead and zinc

² Calculated as cash costs after byproduct credits divided by payable silver oz. By-product credits include revenues from contained gold, lead and zinc.



Velardeña Financial Estimates

■ 2014

- Incremental cash outlay to restart operations: @\$3M
 - \$1M restart capital +\$3M negative gross margin, offset by \$1M of avoided care & maintenance costs
- Potential sales of excess mining equipment and non-core exploration properties to partially offset cash outlay

■ After mid-2015

- Velardeña is expected to contribute \$3-6M in annual cash flow ¹

|| ¹ Assumes silver and gold prices of \$20/\$1,250 per oz, respectively

Other Updates - 2014

■ El Quevar

- Soliciting partner to advance drilling for resource expansion
- Confidentiality agreements signed and evaluations in progress

■ Exploration Projects

- Plans to continue mapping, sampling and drill targeting on one existing and several new exploration projects





Current Activity: Los Azules

■ Property & Location

- Exploration property
- Golden holds 233 hectares of concessions under purchase option agreement
- Property located 20km west of San Francisco de Oro and 45km west of Hidalgo del Parral in southernmost Chihuahua, Mexico. Property located approximately 20 kilometers from the Santa Maria mine
- 2km north-south trending and gold-bearing epithermal quartz vein system
- Historic mining reportedly produced 500,000 tonnes averaging 11 gpt Au above the elevation of Golden's current access drifts

■ Drilling and Analysis

- Two drilling programs completed, 6862 meters, 29 holes
- Analysis suggests a resource may be calculated using both channel samples and drill results
- Preliminary modeling indicates an average undiluted grade of 4.9 ppm Au and 132 ppm Ag over an average vein width of 1.03 meters
- Golden continues to evaluate the opportunity and possibility of near term extraction of mineralized vein material from the Los Azules



Santa Maria Mine

- Contract signed in August 2014 to purchase Santa Maria mine located in Santa Barbara, Chihuahua State, Mexico
 - Purchase option agreement: \$1.6 million over 1 ½ years
- Mine located approximately 20 kilometers southeast of Los Azules property; mine accessible by gravel road
- Mine has produced historically from a 2.1 meter wide epithermal quartz vein cutting Cretaceous calcareous sedimentary rock
- Vein accessible by 3 meter x 3 meter ramp from surface to 75 meters depth
- Golden has completed 370 channel samples with encouraging results
- Next step: initiate drill program to further test depth extension of the vein



PROPERTY SUMMARIES

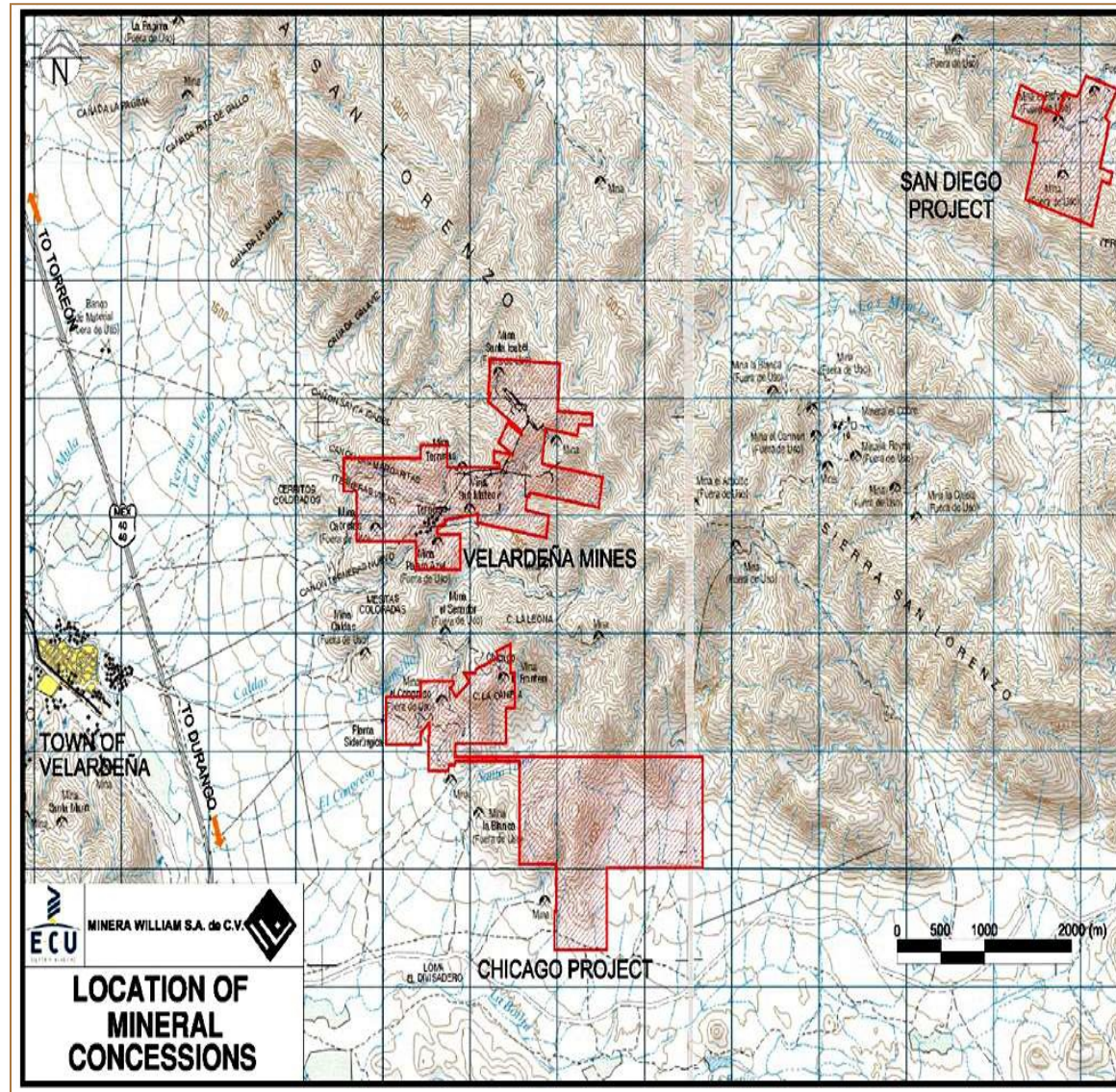
Velardeña District

■ Excellent geographic location

- Mexico is a politically stable country
- Located in Durango, one of Mexico's leading mining states
- Excellent infrastructure

■ Properties:

- Velardeña Property: 100% ownership
- Chicago Property: 100% ownership
- San Diego Property: 50% ownership
 - Exploration property; not part of the Velardeña Properties

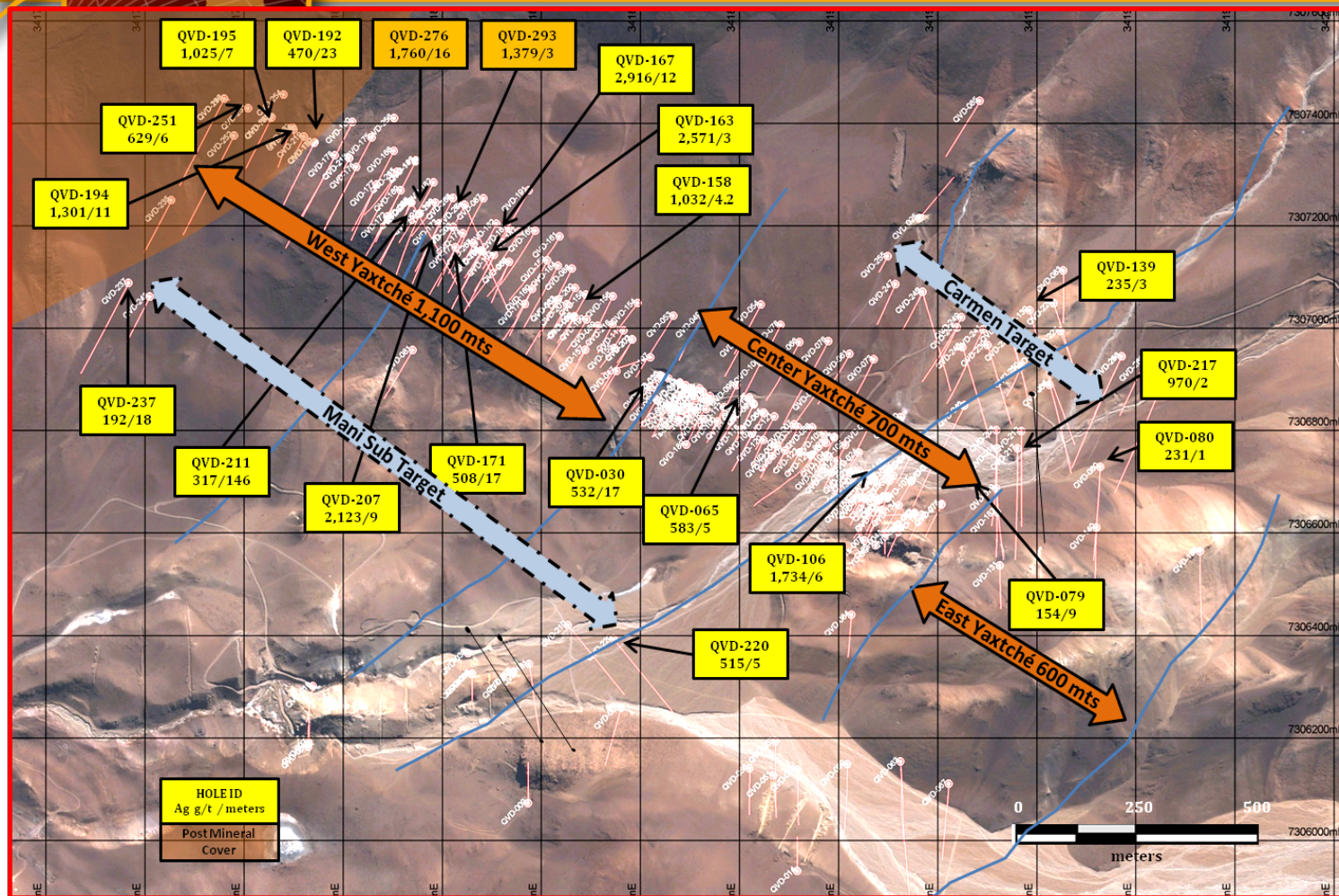


El Quevar: Overview

- 55,000 hectares, 100% ownership or control
 - Silver project
 - Yaxtché deposit – priority target
 - 2km strike length; remains open to both west and east
- District potential
- Exploration
 - Approximately 1,250 m of underground exploration drifting completed to date on east/central portions of the Yaxtché deposit
 - 410 drill holes completed to date in district, approximately 100,000 meters
 - Current resource predicated on:
 - Bulk underground mining – west
 - Open pit – east/central
 - Recent drilling in areas both north and east of Yaxtché provided positive results
- Metallurgical studies undertaken and environmental baseline studies completed



El Quevar: Yaxtché Trend



PAH 43-101*, Combined Open Pit and Underground

| | Tonnes (M) | Silver (M oz) | Grade (g/t) |
|-----------|-----------------------|--------------------------|------------------------|
| Indicated | 7.1 | 32.0 | 141 |
| Inferred | 6.2 | 30.2 | 152 |

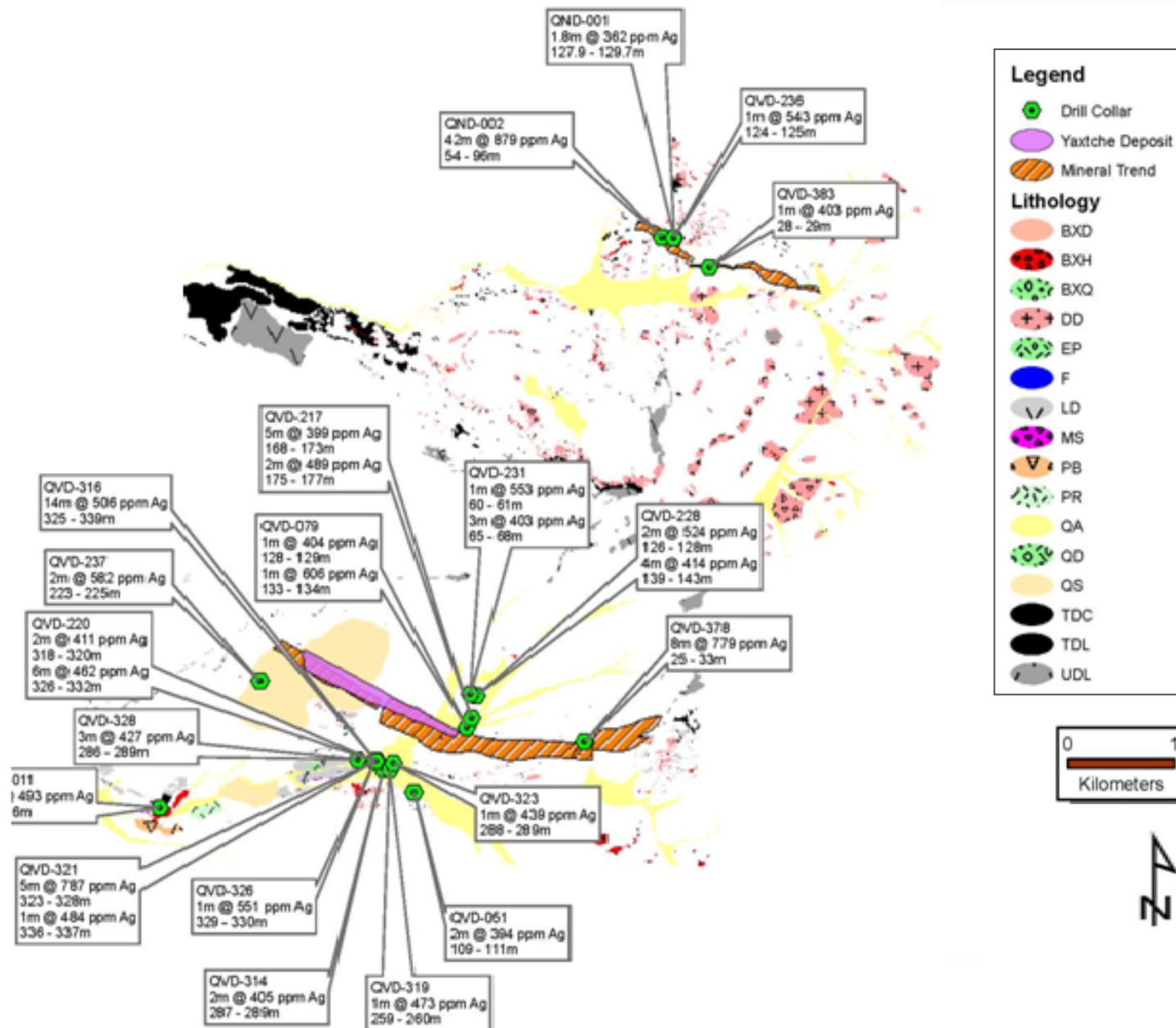
Significant Resource

- Data from 270 drill holes used for 8 June 2012 Yaxtché 43-101 resource estimate
- Mineral resource estimate includes both oxides and sulfides
- Resource estimate based on mineable shapes for underground and open pit bulk mining

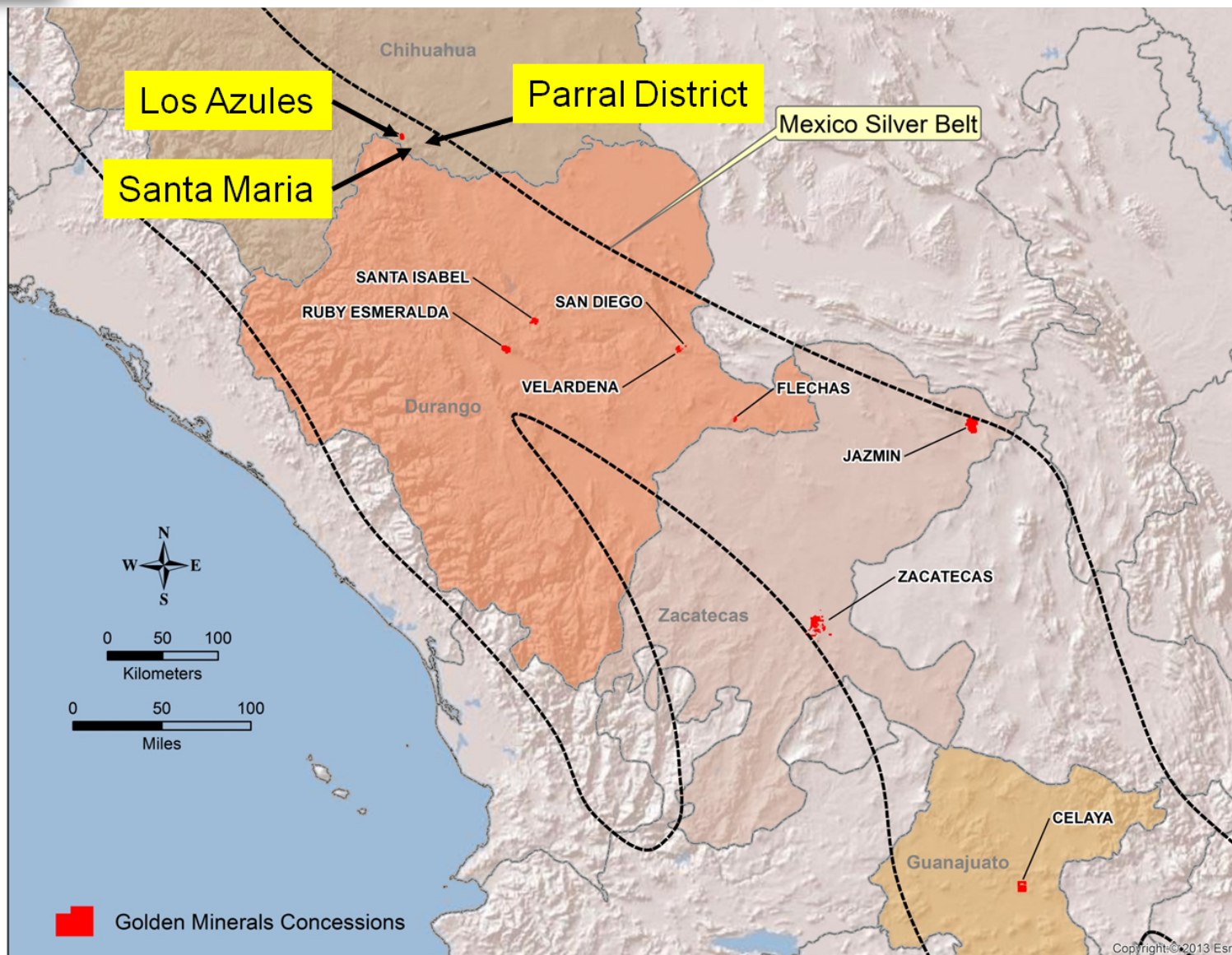
* PAH = Pincock Allen & Holt. Please refer to "NI 43-101 Technical Report for Resources Yaxtché Silver Deposit, El Quevar Property, Salta Province, Argentina" dated 8 June 2012.

El Quevar: Growth Potential

- Map identifies holes in excess of 12.5 opt Ag
- All are located *outside* the scope of the 8 June 2012 43-101 Yaxtché deposit
- Positive results of 2012 drill program: 2,400 meters & 16 holes



Mexico Property Locations





Golden Minerals Summary

- **Growth opportunity**

- Mining activity began July 1, 2014; ramp up to continue through Q2 2015
- El Quevar and exploration projects provide additional growth opportunity

- **Large resource base:** ~65M AgEq oz M&I plus ~66M AgEq oz Inferred

- Primary assets in Durango state, Mexico and Salta, Argentina

- **Major asset** in politically stable country

- **Cash position:** zero debt and zero hedging, \$10.4M in cash and equivalents as of June 30, 2014

- **Top-tier management** and Board of Directors

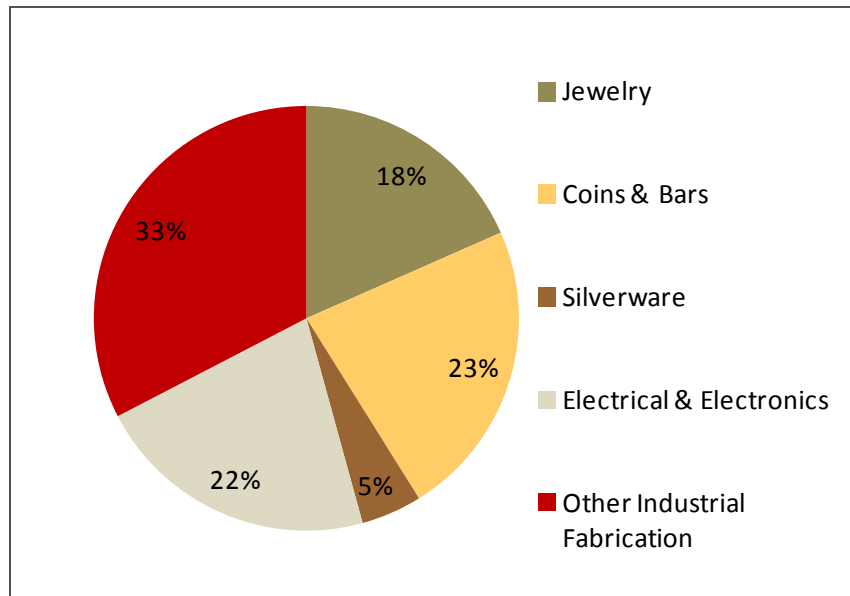
- Proven mine builders and operators



APPENDIX

Silver Demand

2013 Physical Silver Demand



- Total physical demand increased by 13% to 1,081M oz. in 2013 vs. 954M oz. in 2012
 - Driven by 76% increase in retail investment in bars and coins
 - Jewelry fabrication increased by 10% in 2013 as the industrialized world saw improved economic outlooks
 - Industrial demand dipped less than one percent, but Asia's industrial demand increased 3%
- ETF holdings showed growth of under 1% in 2013
- Industrial demand has struggled in the last few years but should be supported by a widening use of silver in areas such as:
 - Medical instruments and hospital equipment
 - Electrical contacts and photovoltaics
 - Superconductors, computers and batteries
 - Water purification
 - Nanotechnology
 - Solar power



Over 95 Years Building and Operating Mines Around the Globe

Jeff Clevenger – Chairman, President and CEO



- 40+ years of mining experience at Apex Silver Mines, Cyprus Amax Minerals and Phelps Dodge
- Led the construction of San Cristobal (Bolivia), El Abra (Chile) and Cerro Verde (Peru)
- Multiple senior management positions at Cyprus Amax, including SVP and President of the Copper and Molybdenum unit
- President and General Manager of Phelps Dodge Morenci

Bob Vogels – Senior Vice President, CFO



- 25+ years in the mining industry holding numerous accounting, finance and tax positions
- Direct involvement in numerous large scale mine development projects
- Corporate Controller of Meridian Gold, Site Controller of Phelps Dodge's El Abra mine and Project Controller of Inco's Goro project

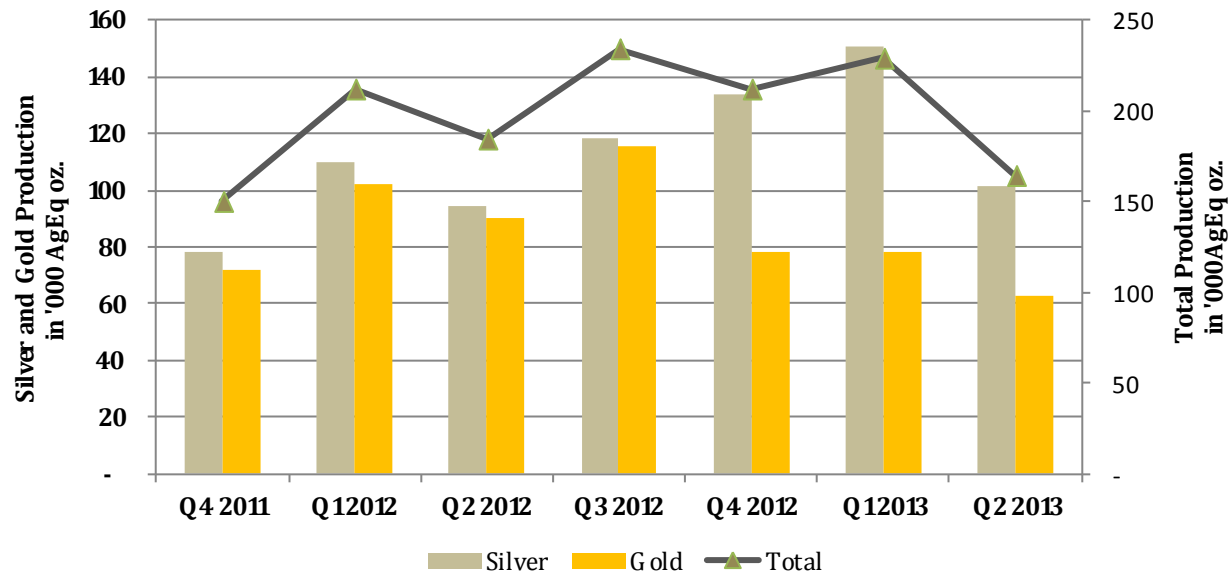
Warren Rehn – Senior Vice President of Exploration and Geology



- 30+ years of mineral exploration experience
- Exploration geologist with Barrick Gold, Noranda Exploration and Gold Fields Mining Corporation

Velardeña Mining & Processing

Quarterly Production
(Silver Equivalent Oz.)



| | | Q4 2011 | Q1 2012 | Q2 2012 | Q3 2012 | Q4 2012 | Q1 2013 | Q2 2013 |
|--------|------|---------|---------|---------|---------|---------|---------|---------|
| Silver | oz. | 78,000 | 110,000 | 94,400 | 118,400 | 134,000 | 151,000 | 101,300 |
| Gold | oz. | 1,200 | 1,700 | 1,500 | 1,930 | 1,300 | 1,300 | 1,050 |
| AgEq | 60:1 | 150,000 | 212,000 | 184,400 | 234,200 | 212,000 | 229,000 | 164,300 |

Balance Sheet

| | June 30, 2014 | December 31, 2013 |
|---|-----------------------------------|----------------------|
| | (in thousands, except share data) | |
| Assets | | |
| Current assets | | |
| Cash and cash equivalents | \$ 10,400 | \$ 19,146 |
| Trade receivables | - | 25 |
| Inventories | 384 | 449 |
| Value added tax receivable, net | 1,775 | 1,765 |
| Prepaid expenses and other assets | 923 | 1,091 |
| Total current assets | 13,482 | 22,476 |
| Property, plant and equipment, net | 30,639 | 32,375 |
| Prepaid expenses and other assets, non-current | - | 30 |
| Total assets | <u>\$ 44,121</u> | <u>\$ 54,881</u> |
| Liabilities and Equity | | |
| Current liabilities | | |
| Accounts payable and other accrued liabilities | \$ 1,747 | \$ 1,365 |
| Other current liabilities | 3,488 | 4,405 |
| Total current liabilities | 5,235 | 5,770 |
| Asset retirement obligation | 2,589 | 2,602 |
| Other long term liabilities | 74 | 53 |
| Total liabilities | <u>7,898</u> | <u>8,425</u> |
| Commitments and contingencies | | |
| Equity | | |
| Common stock, \$.01 par value, 100,000,000 shares authorized; 43,530,833 shares issued and outstanding for both periods | 435 | 435 |
| Additional paid in capital | 495,115 | 494,647 |
| Accumulated deficit | (459,327) | (448,626) |
| Shareholder's equity | 36,223 | 46,456 |
| Total liabilities and equity | <u>\$ 44,121</u> | <u>\$ 54,881</u> |

Income Statement

| | Three Months Ended June 30, | | Six Months Ended June 30, | |
|---|--------------------------------|--------------|------------------------------|--------------|
| | 2014 | 2013 | 2014 | 2013 |
| (in thousands, except share data) | | | | |
| Revenue: | | | | |
| Sale of metals | \$ - | \$ 4,467 | \$ - | \$ 10,297 |
| Costs and expenses: | | | | |
| Costs applicable to sale of metals (exclusive of depreciation shown below) | - | (8,145) | - | (17,017) |
| Exploration expense | (1,653) | (1,240) | (3,253) | (2,764) |
| El Quevar project expense | (421) | (586) | (755) | (1,673) |
| Velardeña project expense | - | (759) | - | (2,921) |
| Velardeña shutdown and care & maintenance costs | (1,208) | (2,329) | (2,457) | (2,329) |
| Administrative expense | (1,150) | (1,633) | (2,805) | (3,530) |
| Stock based compensation | (257) | (558) | (587) | (979) |
| Reclamation and accretion expense | (49) | (46) | (98) | (88) |
| Impairment of long lived assets | - | (238,020) | - | (238,020) |
| Impairment of goodwill | - | (11,180) | - | (11,180) |
| Other operating income, net | 2 | 630 | 4 | 3,828 |
| Depreciation, depletion and amortization | (778) | (2,529) | (1,624) | (5,097) |
| Total costs and expenses | (5,514) | (266,395) | (11,575) | (281,770) |
| Loss from operations | (5,514) | (261,928) | (11,575) | (271,473) |
| Other income and (expense): | | | | |
| Interest and other income, net | 487 | 251 | 881 | 323 |
| Gain on foreign currency | (16) | (1,145) | (7) | (410) |
| Total other income (expense) | 471 | (894) | 874 | (87) |
| Loss from operations before income taxes | (5,043) | (262,822) | (10,701) | (271,560) |
| Income tax benefit | - | 45,017 | - | 47,495 |
| Net loss | \$ (5,043) | \$ (217,805) | \$ (10,701) | \$ (224,065) |
| Comprehensive loss: | | | | |
| Unrealized gain on securities | - | - | - | 90 |
| Comprehensive loss | \$ (5,043) | \$ (217,805) | \$ (10,701) | \$ (223,975) |
| Net loss per common share – basic | | | | |
| Loss | \$ (0.12) | \$ (5.09) | \$ (0.25) | \$ (5.23) |
| Weighted average common stock outstanding - basic (1) | 42,918,426 | 42,821,914 | 42,906,090 | 42,812,918 |



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