



Corporate Presentation

October 25, 2019

Cautionary Note Regarding Forward Looking Statements:

Statements made regarding matters which are not historical facts, are “forward looking statements” within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 and Canadian securities legislation. These include statements relating to plans to acquire advanced or operating properties primarily in Mexico and potential exploration projects in Nevada; the El Quevar project, including efforts to significantly increase resource size, ongoing drilling and plans for additional exploration, projections from the El Quevar PEA, potential for an underground mine within Yaxtché, resource estimates, the potential to expand through further exploration, and the impact of silver prices on the economics of the El Quevar project; the Velardeña properties, including the expected duration of, and annual net operating margin from, the plant and the anticipated results from the updated PEA; the Rodeo property, including estimates of mineral resources, anticipated results from the PEA and timing of initiating drilling program; the Santa Maria property, including projections from the Santa Maria PEA and the anticipated timing for closing the Santa Maria transaction; the Yoquivo project, including resource estimates, mineralization expectations and future drilling plans; the Sand Canyon project, including exploration plans; and Golden’s business strategy and financial plans and projections. These statements are subject to risks and uncertainties, including, but not limited to, results of Magellan’s due diligence investigation and the timing or outcome of third party or governmental consents (if any); lower than anticipated revenue from the oxide plant lease as a result of delays or problems at the third party’s mine or the oxide plant, earlier than expected termination of the lease or other causes; reasonability of the economic assumptions at the basis of the results of the Rodeo PEA, updated Velardeña PEA, El Quevar PEA and Santa Maria PEA; changes in interpretations of geological, geostatistical, metallurgical, mining or processing information and interpretations of the information resulting from future exploration, analysis or mining and processing experience; new information from drilling programs or other exploration or analysis; unexpected variations in mineral grades, types and metallurgy; fluctuations in silver and gold metal prices; failure of mined material or veins mined to meet expectations; increases in costs and declines in general economic conditions and continued excessive inflation in Argentina; fluctuations in exchange rates and changes in political conditions, in tax, royalty, environmental and other laws in the United States, Mexico and Argentina; and financial market conditions and the availability of external financing, if required.

Exploration Results:

This presentation includes information regarding selected drill and sampling results on certain of our exploration properties. Complete drill and sampling results may be viewed by visiting our website at www.goldenminerals.com.

Cautionary Note to U.S. Investors Regarding Estimates of Measured, Indicated and Inferred Mineral Resources:

Certain terms in this presentation, such as “measured”, “indicated” and “inferred” mineral resources, are defined in and required to be disclosed by NI 43-101. We advise U.S. investors that these terms are not recognized under the SEC Industry Guide 7. Accordingly, the disclosures regarding mineralization in this presentation may not be comparable to similar information disclosed by Golden Minerals in the reports it files with the SEC. The estimation of measured resources and indicated resources involves greater uncertainty as to their existence and economic feasibility than the estimation of proven and probable reserves. The estimation of inferred resources involves far greater uncertainty as to their existence and economic viability than the estimation of other categories of resources. US investors are cautioned not to assume that any or all of the minerals resources are economically or legally mineable or that these mineral resources will ever be converted into mineral reserves. In addition, the SEC normally only permits issuers to report mineralization that does not constitute SEC Industry Guide 7 compliant “reserves” as in-place tonnage and grade without reference to unit amounts. 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>.

- Establish Golden Minerals as a mid-tier precious metals producing mining company, with focus primarily in Argentina, Mexico and Nevada
- Advance the El Quevar Project (Salta, Argentina) via partner-funded exploration
- Advance the Velardeña Properties - update PEA
- Explore properties selected for high grades, low development costs and near-term production
- Acquire advanced or operating properties, primarily in Mexico
- Acquire low cost/high potential exploration projects in Nevada and Mexico



- Acquired Sand Canyon gold-silver project in Nevada, USA – May 2019
- Completed 3,000-meter drill program at El Quevar; identified new high-grade Ag area
- Completed positive PEA for El Quevar – Q4 2018 (\$44.9M NPV)¹
- Completed improved PEA for Santa Maria – Q4 2018 (\$10.6M NPV)¹ Optioned property to Magellan Gold: \$4M sales price plus royalty stream
- We are revenue generating & recorded a \$4.9M net operating margin in 2018 through the lease of our oxide plant to Hecla Mining Co.



¹ See Resource Footnotes page

EL QUEVAR

- Positive PEA, Sept. 2018: \$44.9M NPV5, 6 yr. life of mine, 1,200 tpd, avg. diluted LOM Ag grade 409 g/t, cashflow \$80M¹
- Q2 2019: 3,000 m drilling defined high-grade results from new area that could be additive to resource

YOQUIVO

- Oct. 2018: reported high-grade gold-silver assays from surface sampling program covering 40% of property

SANTA MARIA

- Purchase option granted to Magellan Gold for anticipated \$4M plus royalty

RODEO

- Commenced permitting process for resource definition drilling and mining



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

¹ See Resource Footnotes page

EL QUEVAR

- Announcement of partner with whom project will be advanced

SAND CANYON

- Phase one drilling + results

YOQUIVO

- Phase one drilling + results

VELARDEÑA

- Publish updated PEA
- Extension of oxide mill lease to Hecla

SANTA MARIA

- Exercise of purchase option by Magellan

RODEO

- Publish PEA
- Timeline of advancement toward intended 2021 production

Stock Symbol	NYSE American & TSX: AUMN
Share Price, 52-Wk Hi/Lo (US)	\$0.23 (\$0.38/\$0.20)
Shares Outstanding	106.7 M
Warrant Shares	14.7 M
Options & Restricted Stock Units	2.3 M
KELTIP* Units	2.3 M
Shares Outstanding - Fully Diluted	126.0 M
3-Month Avg. Daily Volume**	0.3 M
Debt (06/30/19)	-
Cash (06/30/19)	\$1.8 M

- As of 10/23/2019 unless otherwise noted

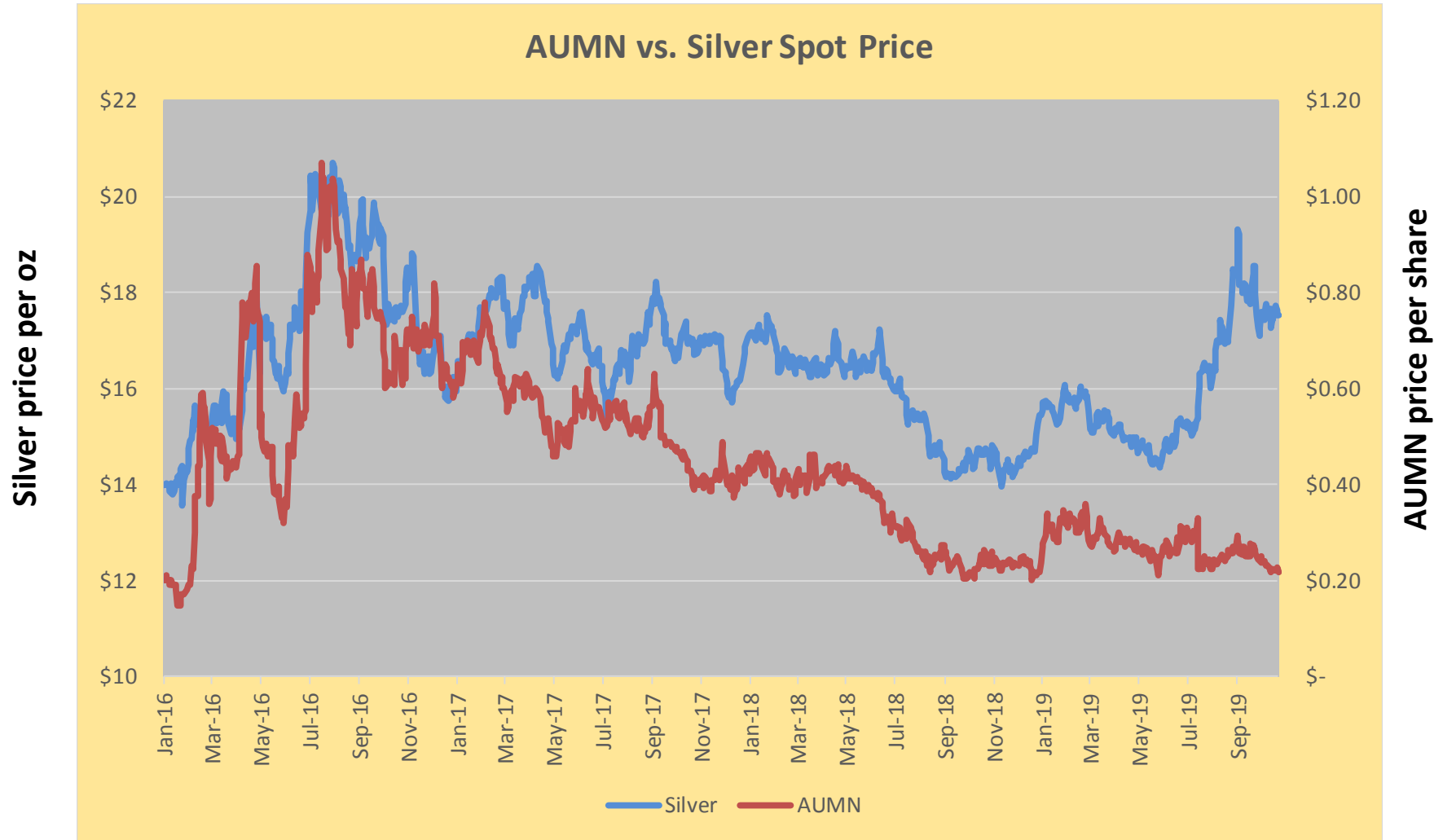


* Key Employee Long-Term Incentive Plan ** NYSE consolidated volume only. Source – NYSE Connect

Revenue	<ul style="list-style-type: none"> • ~\$4-5M annual net operating margin from plant lease in Mexico • Expected duration through 2020 • \$0.04 per share per year
Resources	<ul style="list-style-type: none"> • M&I resources: 78M oz AgEq² • Inferred resources: 39M oz AgEq • Total resources: 1.2 AgEq oz in the ground per share of AUMN *
Value	<ul style="list-style-type: none"> • El Quevar PEA \$44.9M NPV (2018)¹ • Santa Maria PEA \$10.6M NPV (2018)^{1*} - Optioned to Magellan Gold • Velardeña mine & 300 tpd sulfide plant on stand-by
Cash	\$1.8M (as of 06/30/19); subsequent financing nets \$2M additional (July 2019)
Debt	Zero
Project Pipeline	Argentina: El Quevar Mexico: Velardeña, Rodeo, Santa Maria, Yoquivo, Mogotes, Flechas USA: Sand Canyon
Experience	Experienced management and directors; strong technical staff

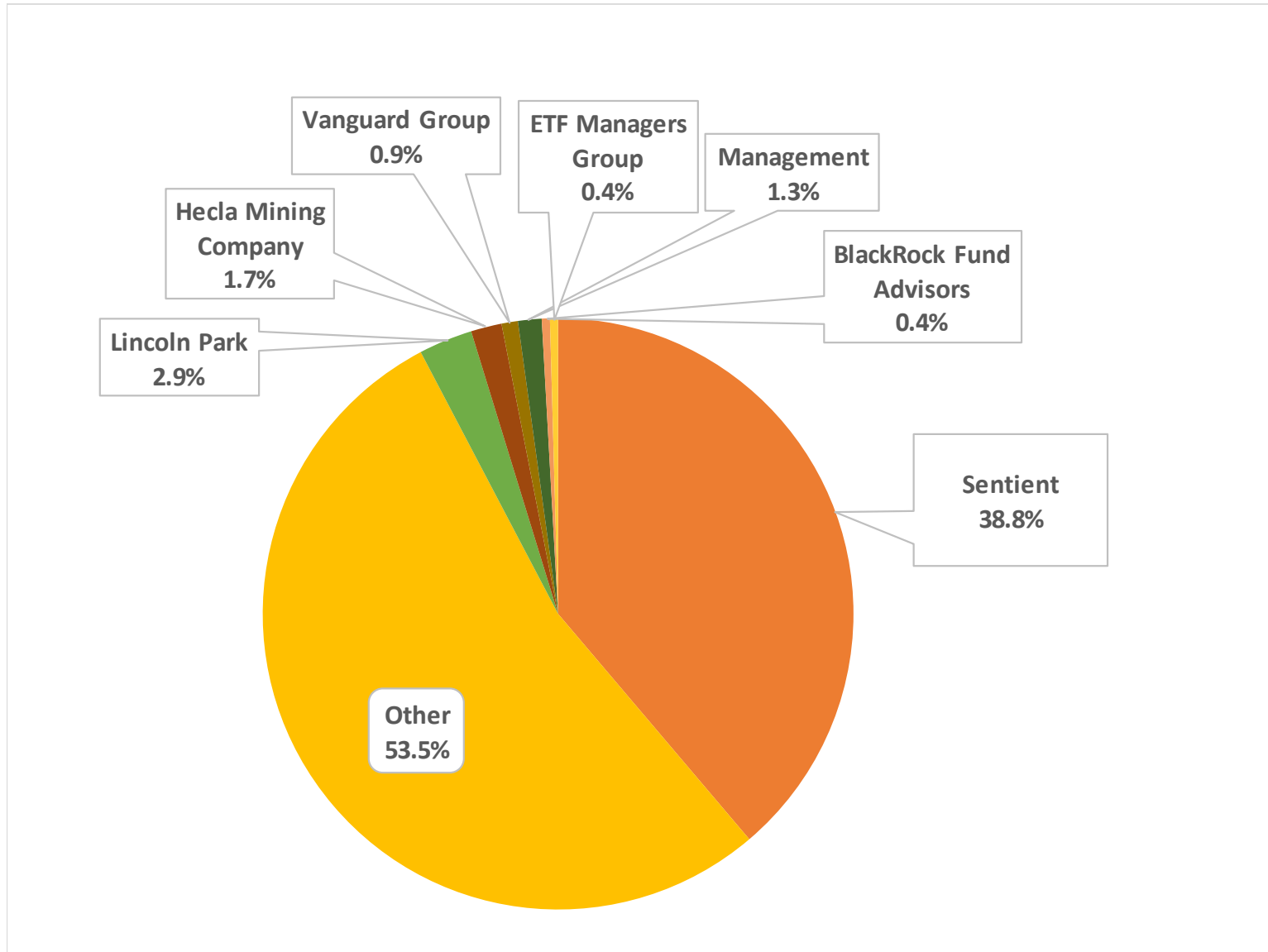
¹ See Resource Footnotes page

² Silver equivalents calculated using Ag: Au ratios of 74:1 (Santa Maria), 70:1 (Velardeña) and 72:1 (Rodeo)



Source: Kitco.com for Ag prices; NYSE Connect for AUMN prices

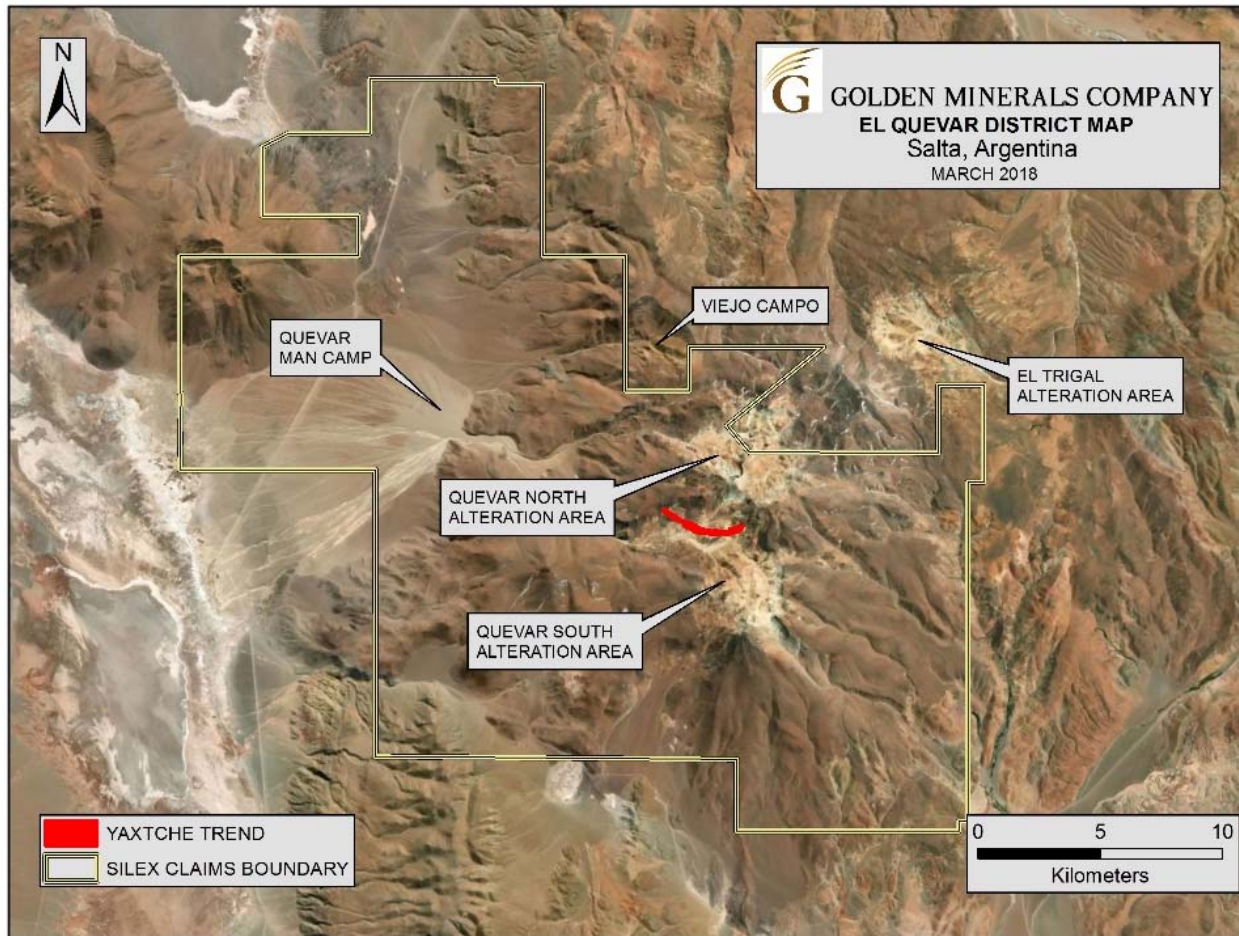
AUMN



Figures per most recent public filings or other available records; Lincoln Park holding - as of May 9, 2018

Precious metals focus in Mexico, Argentina and USA (Nevada)





Silver project in Salta Province, 57,000 ha

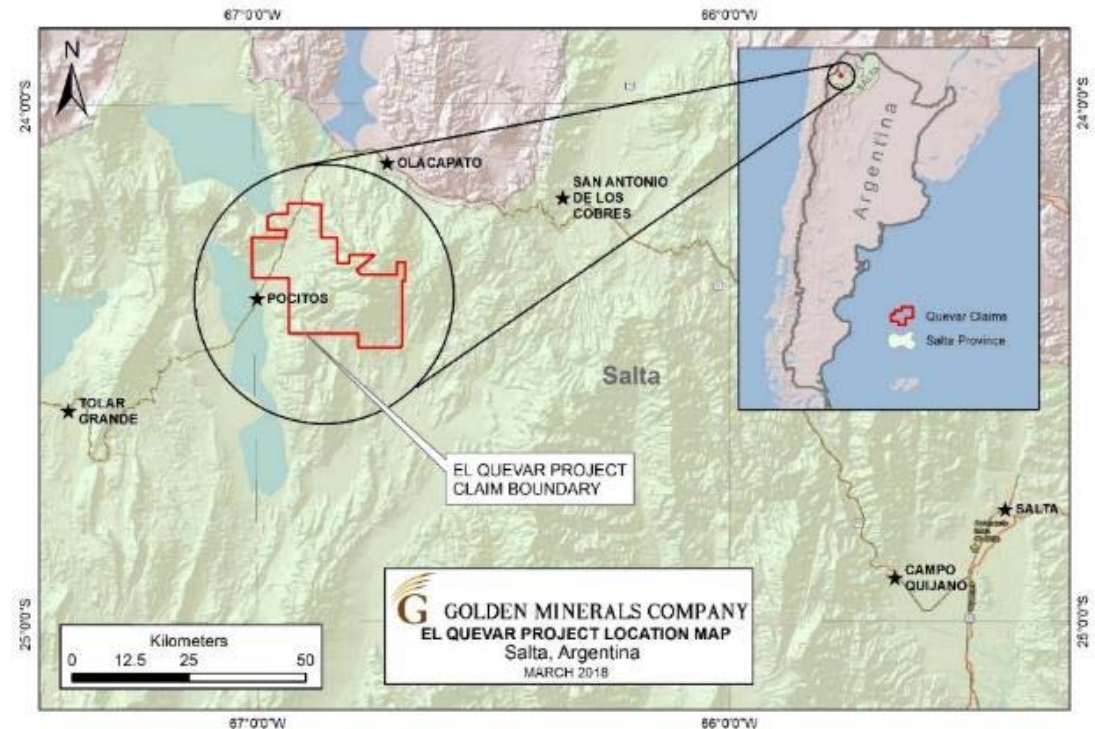
43-101 resource covers only the Yaxtché deposit – 2km strike length deposit within much larger property

- Much of the area outside Yaxtché remains under-explored
- Deposit open to the east and west
- Additional high-grade silver targets have been identified by drilling and through geophysical studies

Significant expansion potential

2019 drilling identified new area of high-grade Ag; additive to Resource

- >1,200 m underground exploration to date
- >400 drill holes, ~100,000 m
- Numerous drill holes outside of resource with strong Ag values
- Q1 2018: new 43-101 resource based on 2012 drill data; modeled to delineate higher-grade mineralization



2018 PEA: high-grade resource with potential for an underground mine within Yaxtché

PEA Results

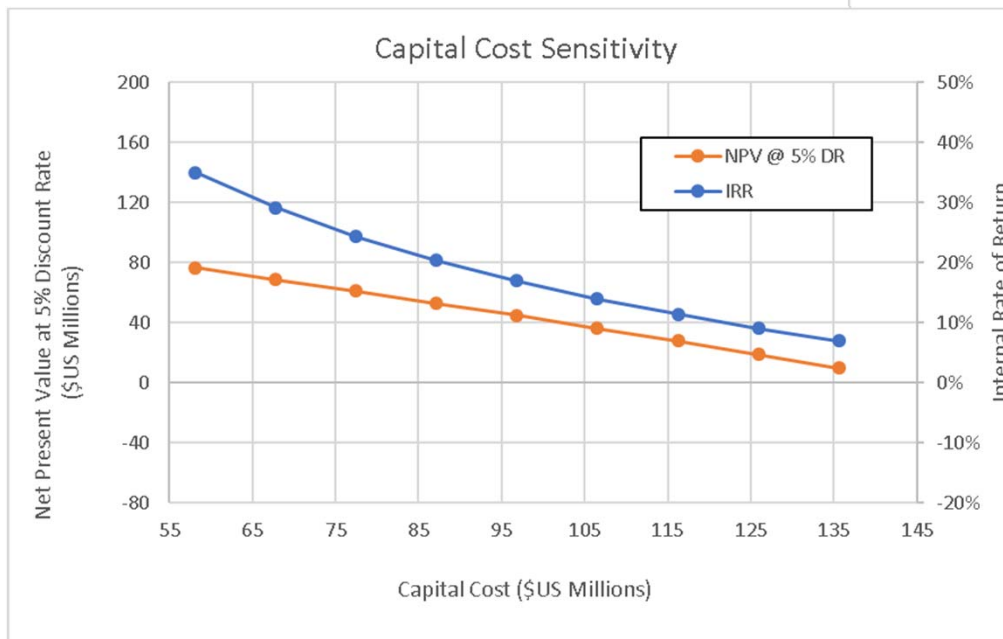
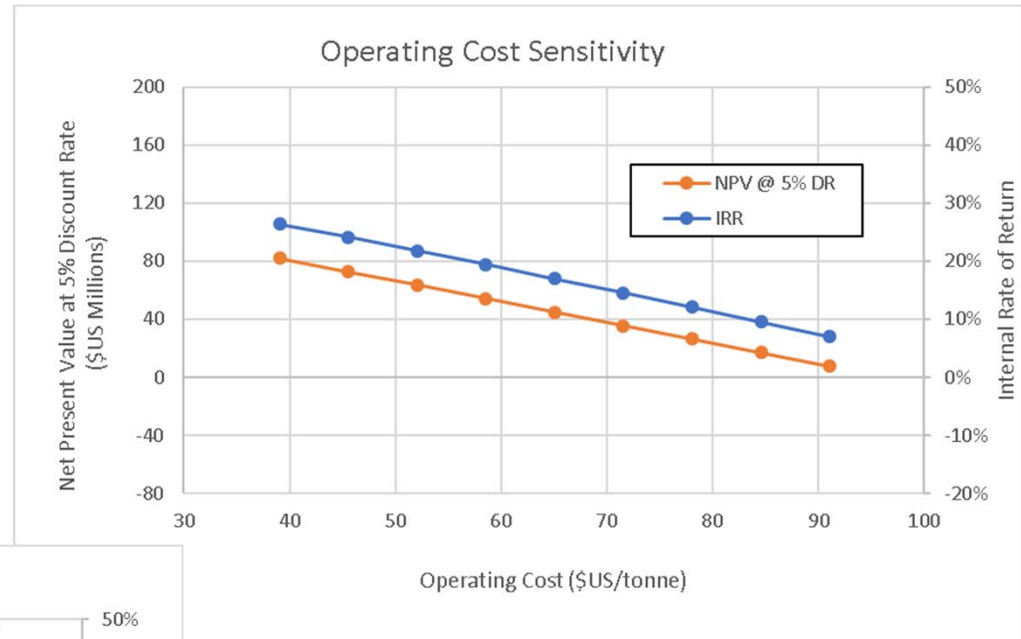
- 4.8 M oz Ag annual production
- 487 g/t Ag M&I resource grade
- \$9.45 per oz Ag AISC
- \$44.9M NPV5 at \$16.66/oz Ag
- NPV increases by about \$15M per \$1 increase in price per oz of silver
- Significant potential to expand through further exploration



Project is very sensitive to silver price: an increase in the price of silver will greatly enhance the economics of the project.

Notes: PEA based on underground mining of sulfide material at 1,200 tpd and producing a single product flotation concentrate containing 11.5 kg/t Ag over a 6-year mine life. \$97M initial capital cost includes \$16M in contingency. 3-year trailing average Ag price used: \$16.66/oz. See Resource Footnote page for additional information.

- Operating costs calculated using exchange rate of 28:1 Arg. Peso to \$US
- Current exchange is 59:1
- Labor is 40% of operating cost
- Operating costs in \$US terms will decrease if the new exchange rate persists



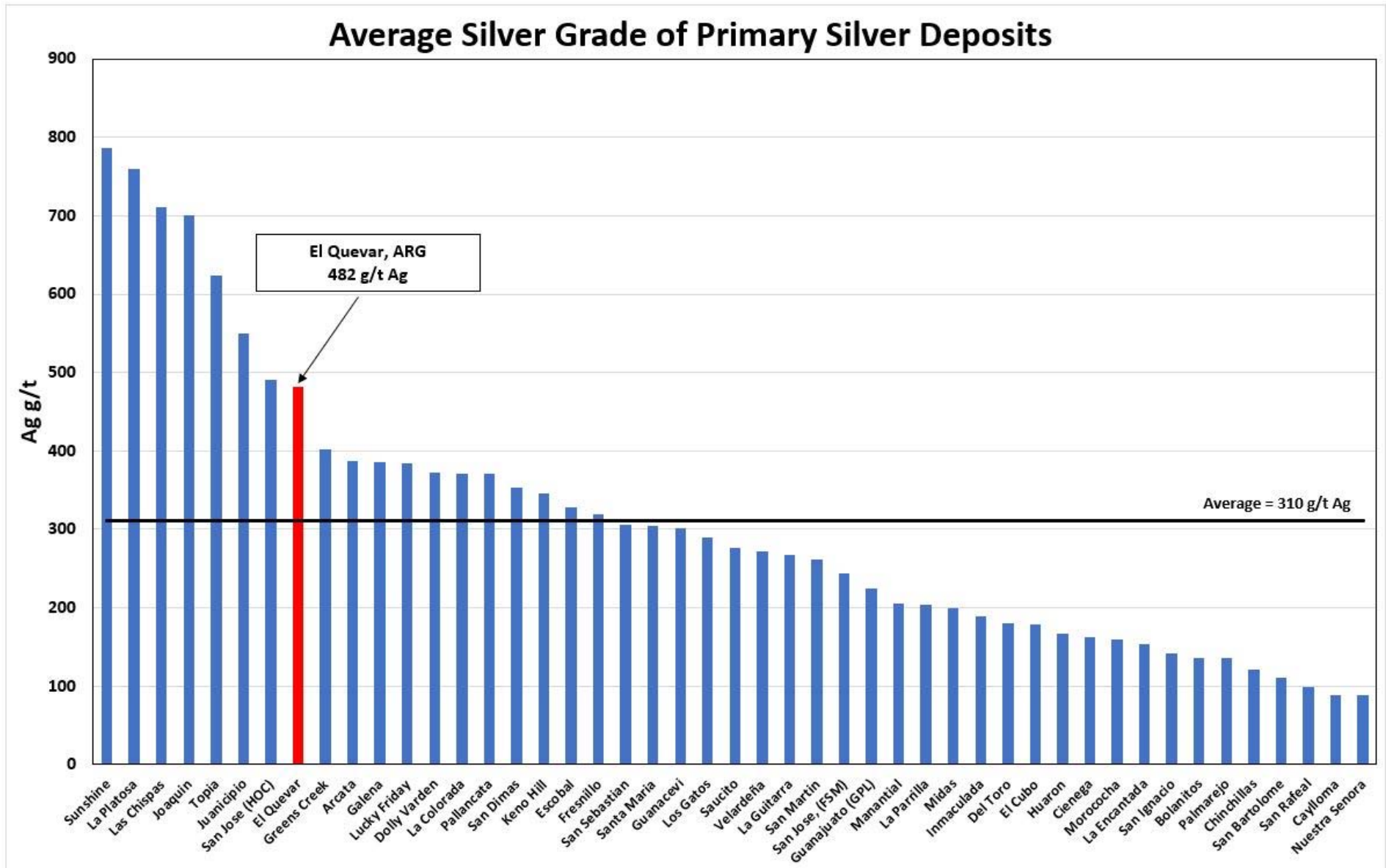
- Capital costs are estimated conservatively
- Reasonable prudence in purchasing and construction management may decrease capital estimate

Classification	Cut-off Ag (g/t)	Tonnes (M)	Ag Grade (g/t)	Ag (M oz)
Indicated				
Sulfide	250	2.63	487	41.1
Oxide	250	0.30	434	4.2
Inferred				
Sulfide	250	0.31	417	4.1

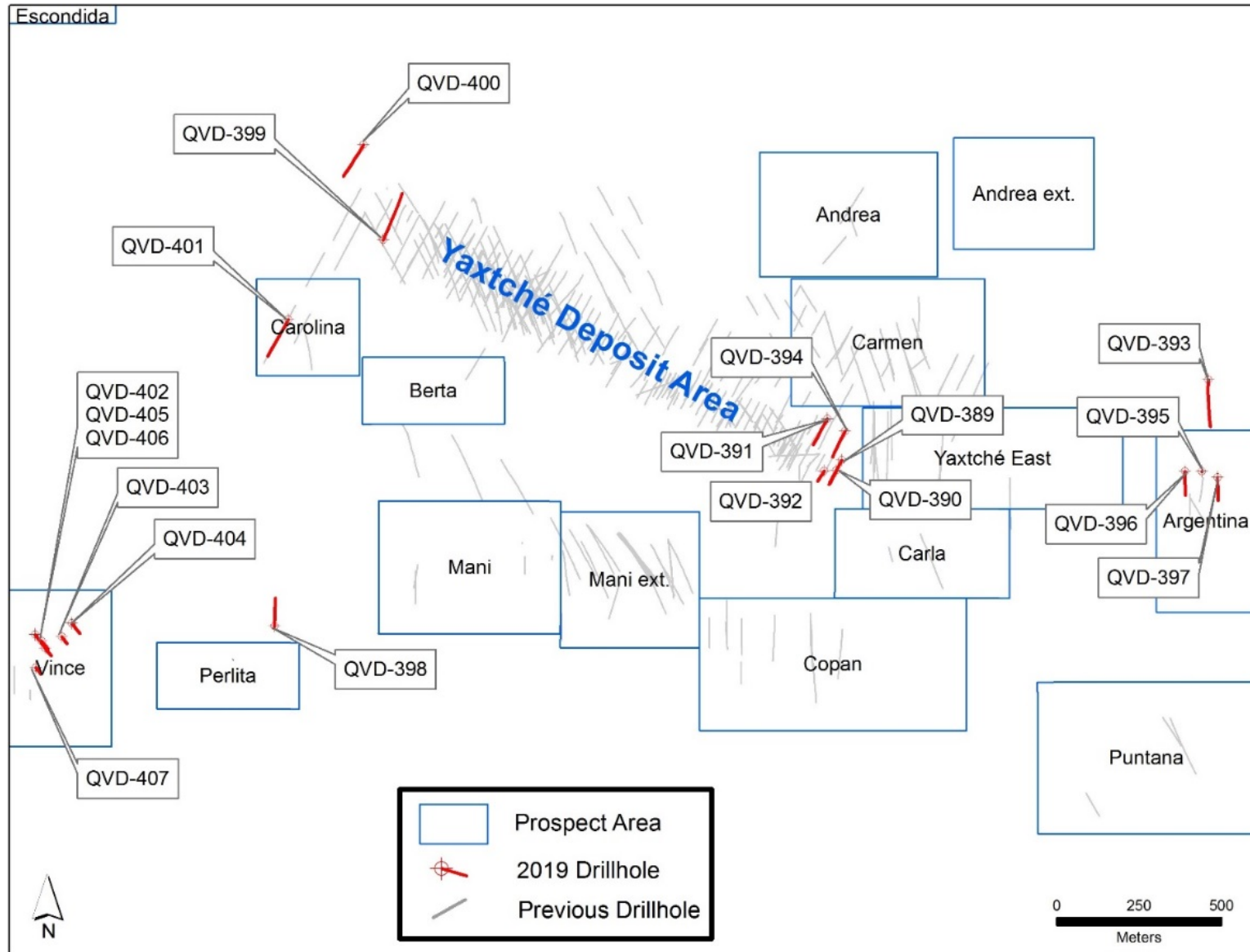
- Based on new indicator model using tighter controls and modeling approach designed to better delineate the higher-grade mineralization
- Used 250 g/t Ag cutoff
- New estimate retains 80% of the Ag oz at 3x the grade of the 2012 resource estimate

**Recent re-modeling project achieved
resource goal of 3M tons at >400 g/t Ag**

See Appendix for accompanying resource estimate information



Weighted average Ag grade of reserves and measured and indicated resources of selected representative silver deposits in Western Hemisphere, from published data compiled internally.



Yaxtché East

- QVD-391
2.0m @ **246** g/t Ag from 92m
2.0m @ **218** g/t Ag from 141m
2.1m @ **340** g/t Ag from 146.2m
(including 0.9m @ **465**g/t Ag)
- QVD-392 0.8m @ **249** g/t Ag from 21m
- QVD-394 1.1m @ **194**g/t Ag from 147m

Argentina

- QVD-396
2m @ **358** g/t Ag from 71m
(including 1.0m @ **565** g/t Ag)
3.9m @ **244** g/t Ag from 77m
(including 1.9m @ **341** g/t Ag)

Vince

- QVD-402
4m @ **306** g/t Ag from 20m
1m @ **658** g/t Ag from 25m
- QVD-403
6.75m @ **271** g/t Ag from 10.8m
(including 1m @ **513** g/t Ag)
- QVD-405
4.2m @ **504** g/t Ag from 46m
(including 3m @ **626** g/t Ag)
- QVD-407
1.85m @ **605** g/t Ag from 14.7m

SANTA MARIA

- Updated PEA and NI 43-101 resource reported Oct. 2018
- Completed ~4,850 m drilling program, 2017-18, with goal of expanding resource
- Test mined: 7,100 dry tonnes processed with grades of 338 g/t Ag and 0.8 g/t Au
- Optioned to Magellan Gold, sales price \$4M plus royalty stream

RODEO

- Near-surface gold deposit
- Potential source of material for Velardeña oxide mill after Hecla lease concludes (2020)
- NI 43-101 resource reported Jan. 2017



VELARDEÑA

- Oxide plant leased to Hecla (\$4-5M annual net operating margin expected)
- Hecla has secured the right to use the plant through 2020, subject to Hecla early termination right
- Sulfide plant available for ore processing
- Ample equipment on hand to support new mine operation
- 2 silver and gold underground mines on care & maintenance

YOQUIVO

- 1,975 ha property covering an unexplored gold-silver district adjacent to the Ocampo and Orisyvo deposits
- Surface sampling and mapping identified multiple high-grade epithermal veins
- Drilling anticipated to begin Q1, 2020



Classification	Tonnes (M)	Ag (Moz)	Au (Moz)	AgEq (Moz)	Ag g/t	Au g/t
Measured	0.4	4.3	0.1	8.9	321	4.9
Indicated	1.0	9.5	0.1	18.4	311	4.1
Inferred	1.6	16.4	0.2	33.2	320	4.7

- 560 ha Ag/Au property with two underground mines and two processing plants
- Mines on care and maintenance until current metals prices and mine plans indicate sustainable positive operating margin
- PEA/NI 43-101 resource estimate in place (Feb. 2015; Tetra Tech)
- Updated PEA planned Q1 2020; will reflect bio-oxidation recovery process designed specifically to address past challenges with Au recovery
- Testing in progress to confirm previous studies showing bio-oxidation & subsequent leaching of pyrite cons from Velardeña achieved >90% Au recoveries

- Assumes prices current as of Dec. 2014 of \$17/oz Ag and \$1,250/oz Au
- Silver equivalents calculated at 70:1
- See Resource Footnotes page for additional information

- Successful partnership with Hecla since mid-2015
- Oct. 2018: Hecla secured use of the plant through 2020
- Q2 2017: Hecla completed tailings impoundment expansion



Oxide plant

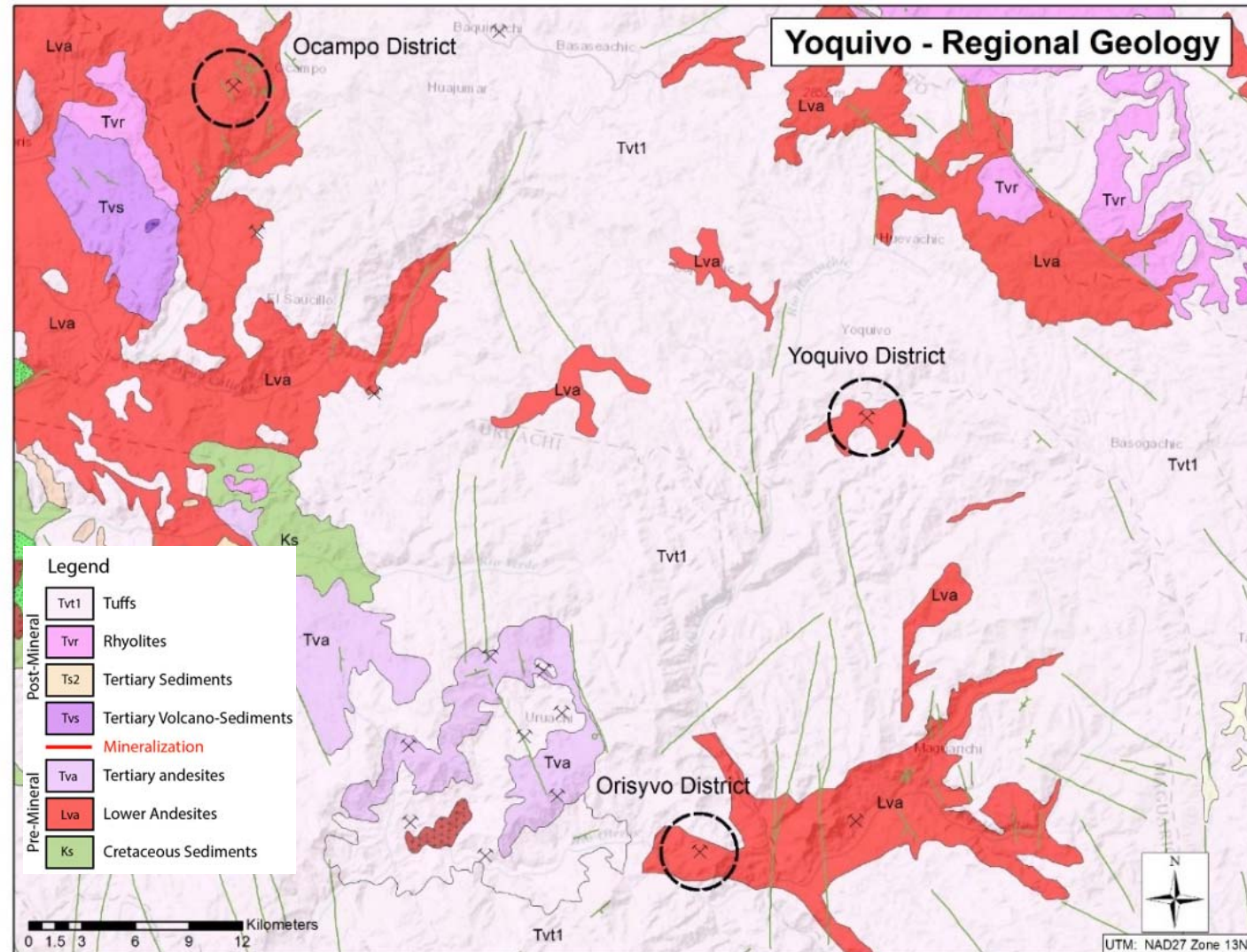
**Source of cash: \$4-5M annual net operating margin,
comprised of fixed & variable fees**

Excellent neighborhood

- Ocampo Mine (acquired by Minera Frisco in 2012 for US\$750M) 25km to the northwest
- Orisyvo Deposit (9.6Moz Au – Fresnillo) located 18km to the south

Great geology

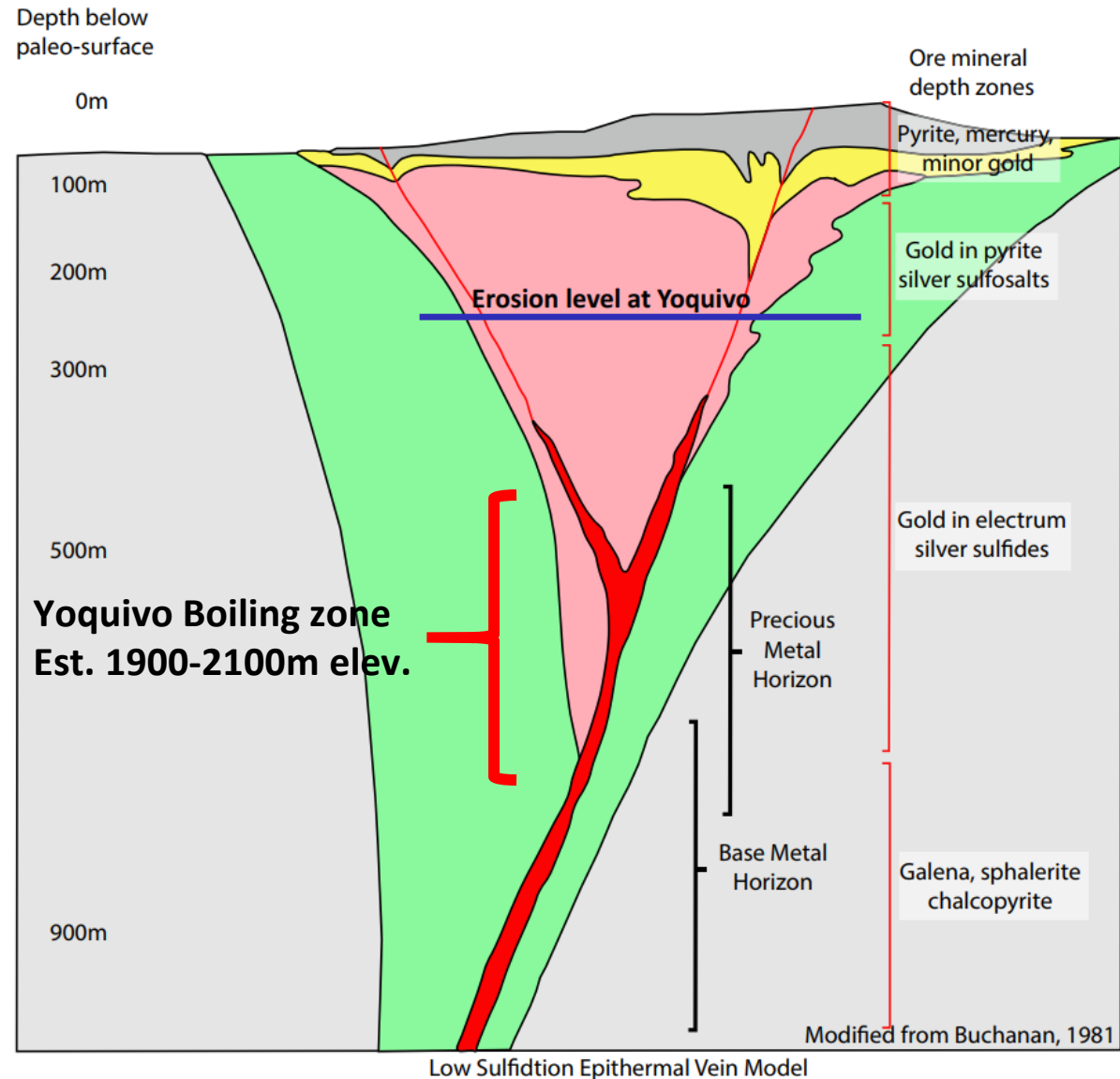
- Geology similar to Ocampo and Orisyvo districts
- Mineralization hosted in andesites beneath post-mineral rhyolites and tuffs
- Unexplored by modern exploration methods

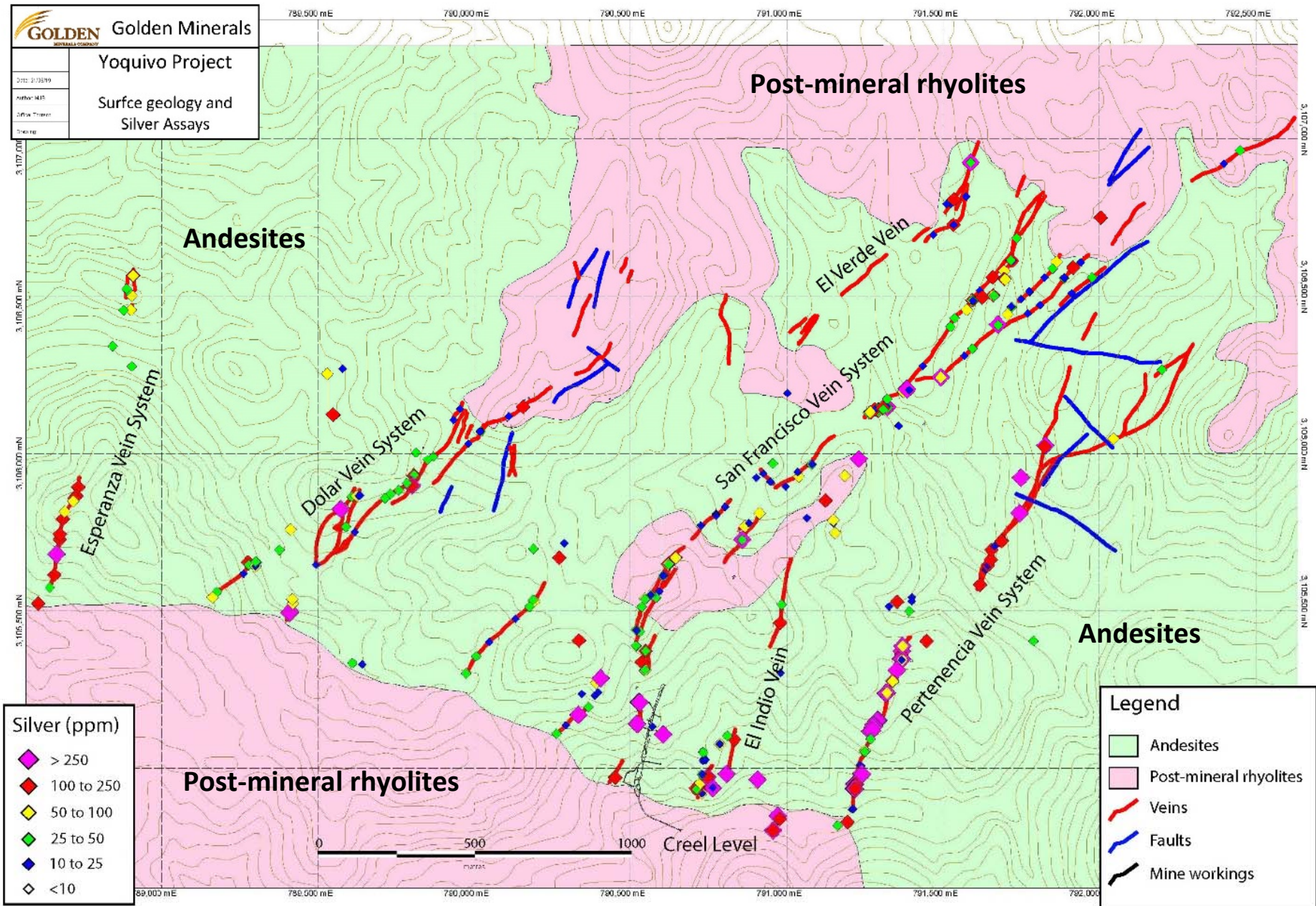


- **Large property**
 - 7 concessions totaling 1,975 hectares
- **Low acquisition costs**
 - US\$0.75M over 4 years with a capped 2% NSR royalty
- **Excellent exploration potential**
 - Golden Minerals controls 95% of an emerging low-sulfidation epithermal vein district
 - Fluid Inclusion data shows that the limited historic mining occurred above the boiling zone
 - High-grade mineralization is virtually untouched

Significant results include:

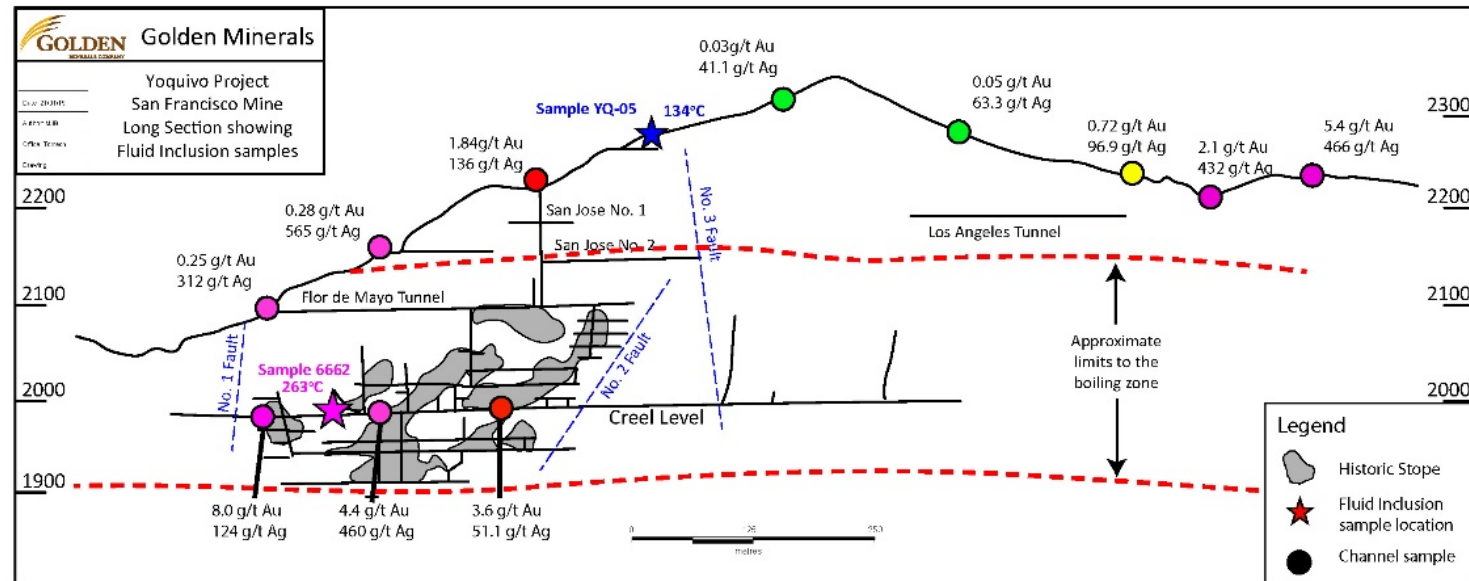
- 4m assaying 2.3 g/t Au and 489 g/t Ag
- 2.9m assaying 2.3 g/t Au and 345 g/t Ag
- 6m assaying 1.7 g/t Au and 399 g/t Ag
- 3.4m assaying 0.2 g/t Au and 384 g/t Ag





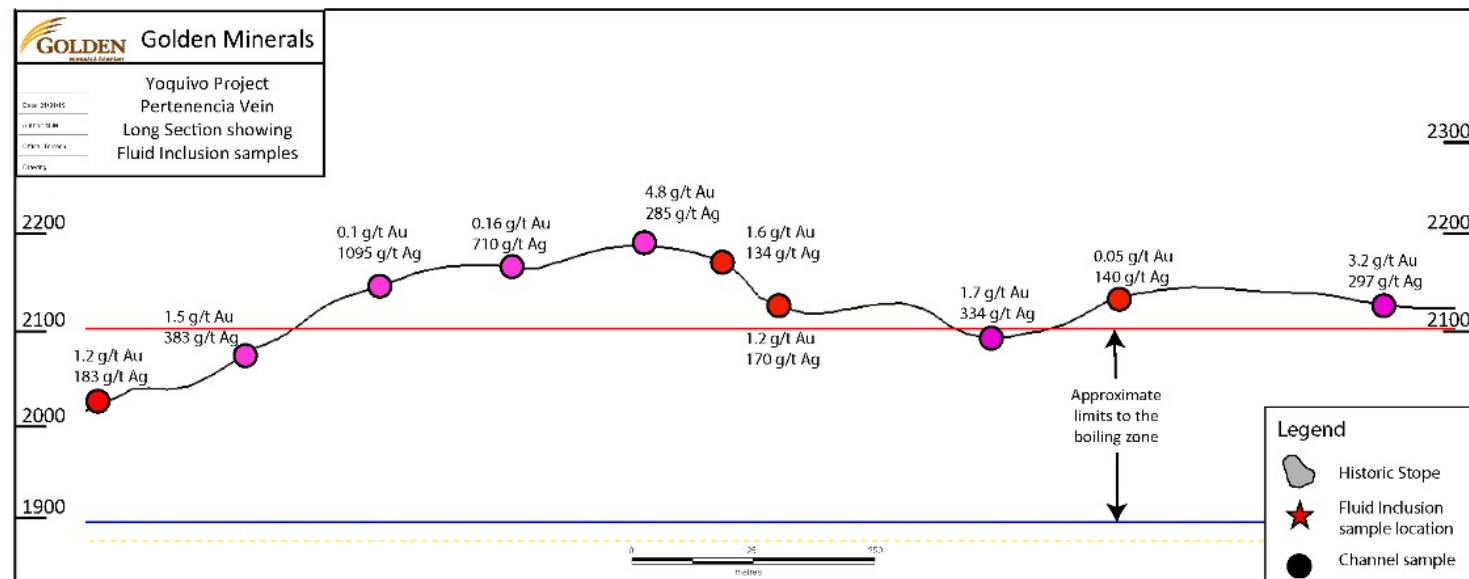
Long Section – San Francisco Vein

- Mining occurred between 2,100m and 1,900m
- Sampling returned high-grade Au-Ag values close to 2,100m elevation
- Majority of vein exposed >2,200m elevation

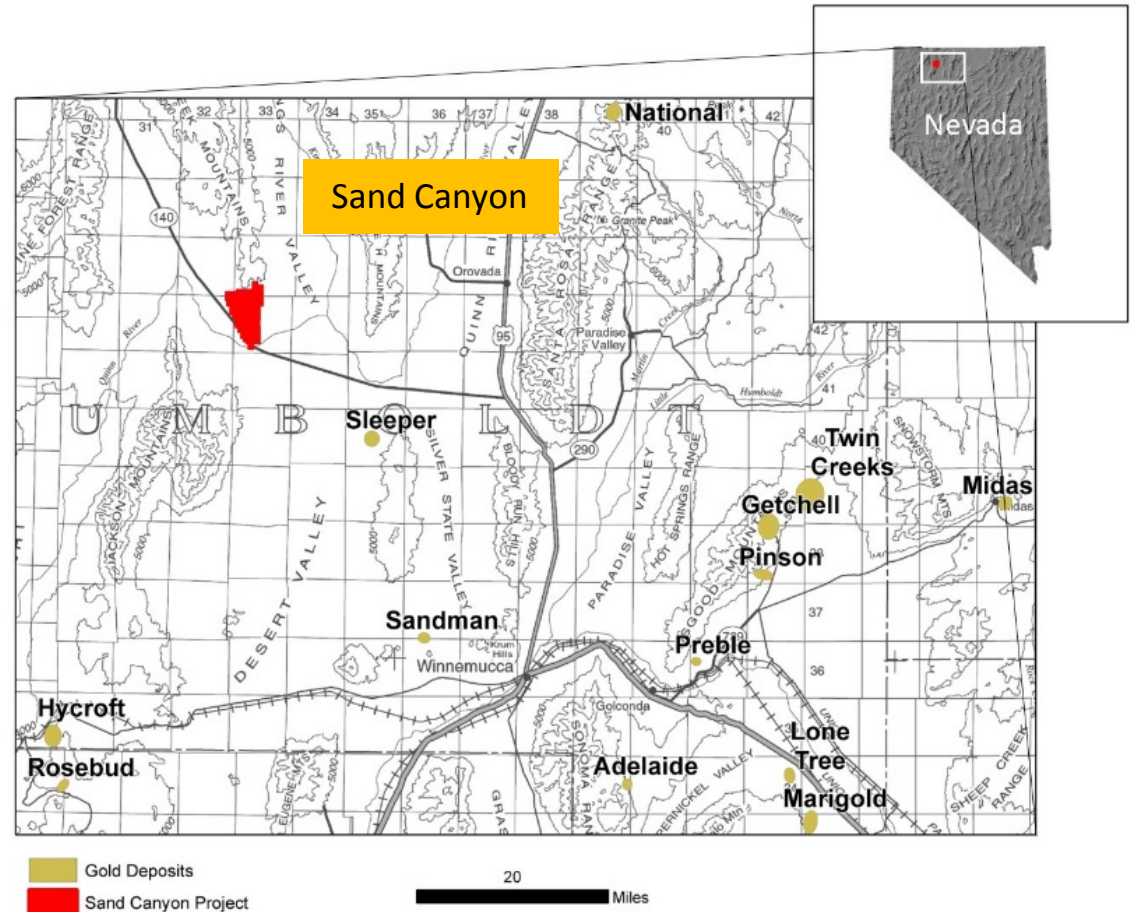


Long Section – Pertenencia Vein

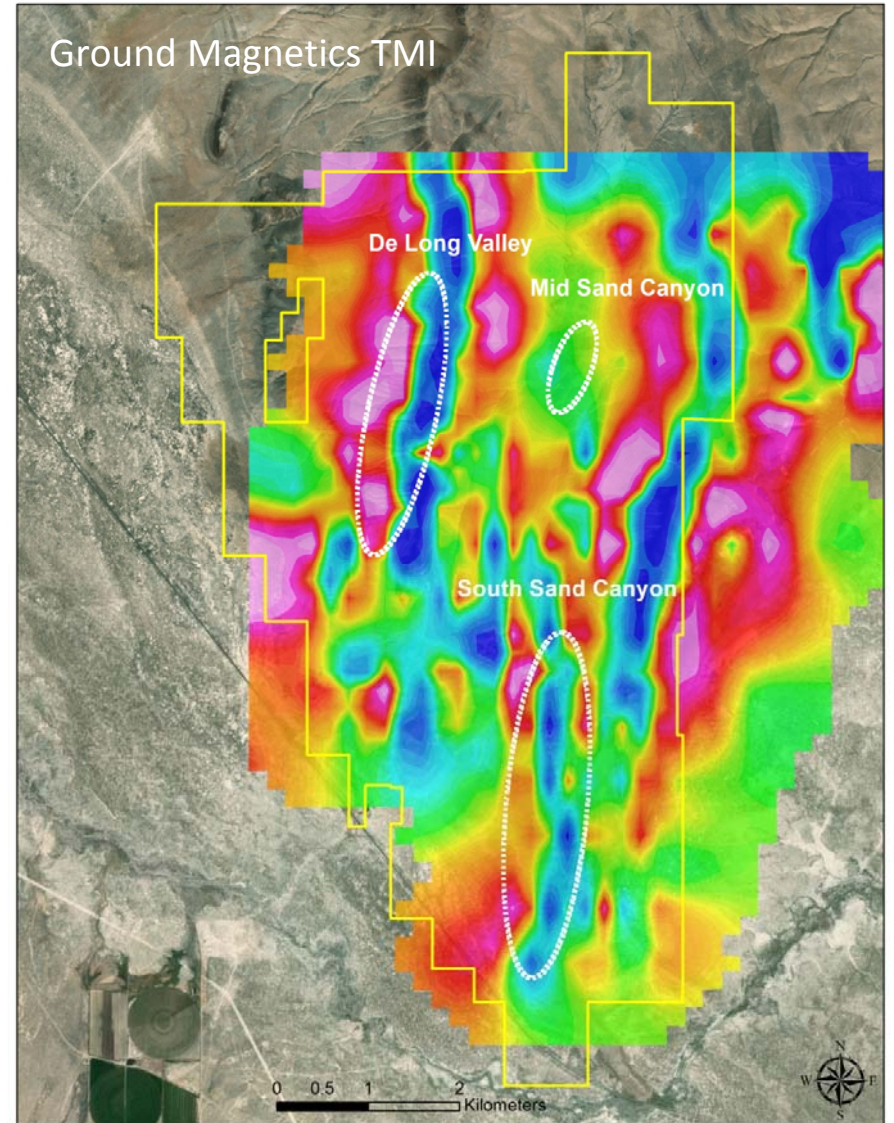
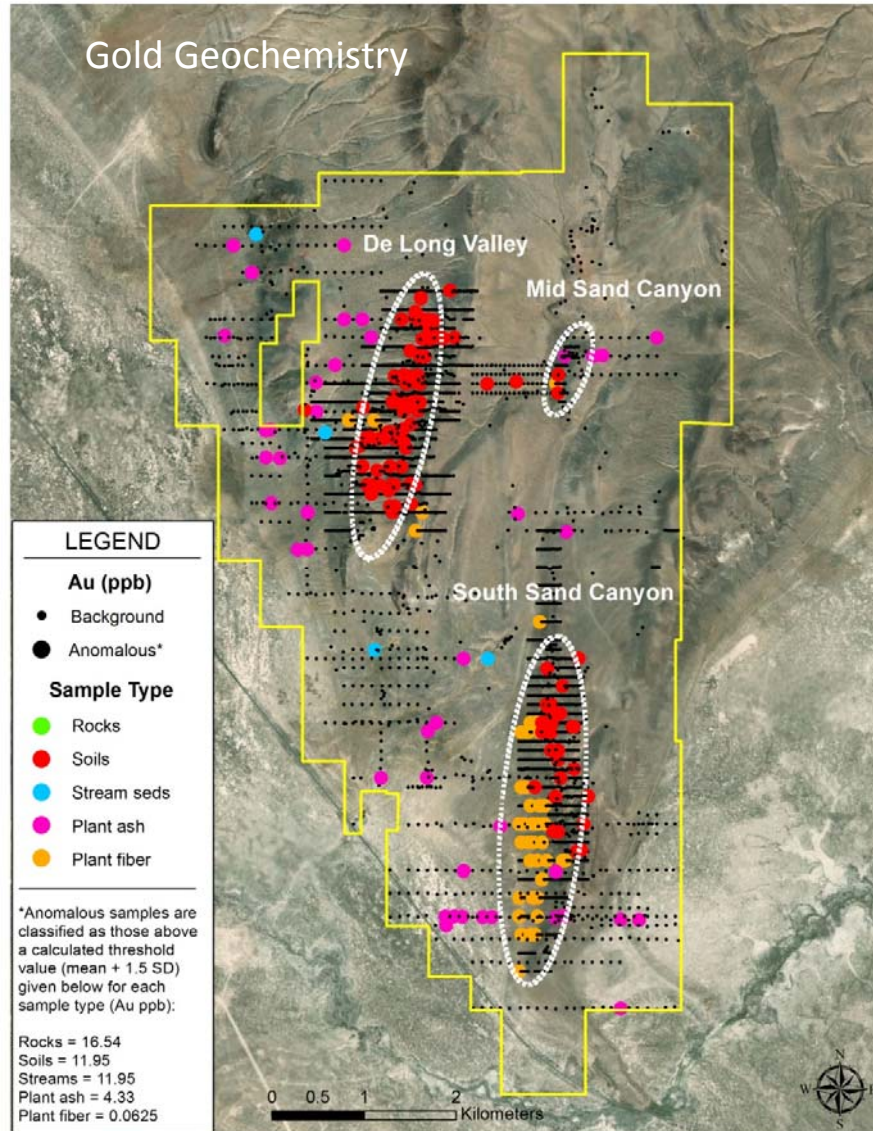
- Silver dominant mineralization
- Minimal historic mining
- High-grade sampling close to 2,100m elevation
- Minimal sampling below 2100m elevation
- Undrilled



- Gold-silver project located ~18 miles NW of the historic Sleeper Mine in NW Nevada
- 526 claims / 16 sq miles
- Initial mapping/sampling have identified multiple epithermal veins exposed at surface
- Strength of system expressed by clear geochemical anomalies
- Targets appear to be similar in surface expression to those seen in outcrops related to nearby Sleeper Mine



- Golden holds an option to earn 60% interest in the project
- Requires spending \$2.5M in exploration expenses over four years + \$0.14M in cash payments spread over 2020-2022.
 - Minimum exploration spend \$0.5M in year one
 - Paid \$25k cash + \$50k in reimbursed exploration expenditures to acquire the option



	Tonnes (M)	Silver (M oz)	Gold (K oz)	AgEq. (M oz)	Grade	
					Silver g/t	Gold g/t
<u>VELARDEÑA</u>						
Measured	0.4	4.3	65.0	8.9	321	4.9
Indicated	1.0	9.5	126.0	18.4	311	4.1
Inferred	1.6	16.4	239.0	33.2	320	4.7
<u>EL QUEVAR</u>						
Indicated	2.9	45.3	-	45.3	482	n/a
Inferred	0.3	4.1	-	4.1	417	n/a
<u>SANTA MARIA</u>						
Measured	0.0	0.4	1.1	0.5	271	0.8
Indicated	0.2	1.6	5.7	2.0	291	1.0
Inferred	0.3	2.3	7.6	2.9	272	0.9
<u>RODEO</u>						
				Gold Eq. (K oz)		
Indicated	0.4	0.2	46.0	47.8	11	3.3
Total Company M&I	4.9	61.3	243.8	122.9		

- Velardeña resources per Tetra Tech NI 43-101, 2/20/2015. Silver equivalents calculated at 70:1.
- El Quevar resources per Amec Foster Wheeler E&C Services, Inc., a Wood Group PLC company. NI 43-101, 02/26/2018. Cutoff grade 250 gpt Ag.
- Santa Maria resources per Tetra Tech NI 43-101 & PEA, 09/14/2018. Silver equivalents calculated at 74:1. Cutoff grade 180 gpt.
- Rodeo resources per Tetra Tech NI 43-101, 01/26/2017. Gold equivalents calculated at 72:1. Cutoff grade 0.83 gpt Au.

ACCOMPANYING NOTES TO EL QUEVAR 2018 RESOURCE TABLE

- The Company retained Amec Foster Wheeler E&C Services, Inc., a Wood Group PLC company (“Wood”), to complete an updated Mineral Resource estimate in accordance with Canadian National Instrument 43-101 (“NI 43-101”). The estimate is based on the same drilling data as the 2012 technical report prepared by RPMGlobal (formerly Pincock Allen & Holt; “RPM”) but uses updated geologic controls and a modeling approach designed to delineate the higher-grade mineralization.
- The 2018 El Quevar model was constructed using a hybrid approach that combined the efficiency of implicit modeling with the fine-tuning capabilities of probability-assigned constrained kriging (PACK). Structural trends were first constructed to define the orientation of the mineralization. These trends were then imported into implicit modeling software to construct wireframes that defined the limits of the silver mineralization. PACK was then used to estimate tonnes and grades within the wireframes through initially outlining the economic mineralization using indicator blocks, and then estimating grade within the blocks using ordinary kriging.
- The independent Qualified Person who prepared the Mineral Resource estimate is Gordon Seibel, a Registered Member of the Society for Mining, Metallurgy and Exploration, RM SME, who is a Principal Geologist with Wood.
- The effective date of the estimate is February 26, 2018. Mineral Resources are estimated using the CIM Definition Standards for Mineral Resources and Reserves (2014). The PEA is dated September 4, 2018.
- Reported Mineral Resources contain no allowances for hanging wall or footwall contact boundary loss and dilution. No mining recovery has been applied.
- Rounding as required by reporting guidelines may result in apparent differences between tonnes, grade and contained metal content.

PEA AND RESOURCE INFORMATION:

EL QUEVAR:

- PEA: Wood Group. NI 43-101 Technical Report on PEA. Sept. 4, 2018. NPV calculated using 5% discount rate.
- Resource: Amec Foster Wheeler E&C Services Inc. a Wood Group PLC company. NI 43-101 Technical Report on Updated Mineral Resource Estimate. Feb. 26, 2018.

SANTA MARIA:

- PEA: Tetra Tech. NI 43-101 Technical Report & Updated PEA. Sept. 14, 2018. NPV calculated using 5% discount rate.

VELARDEÑA:

- PEA and resource: Tetra Tech. NI 43-101 Technical Report – PEA. Feb. 20, 2015.
- Assumes prices current as of Dec. 2014: \$17/oz Ag and \$1,250/oz Au. Silver equivalents calculated at 70:1.



INVESTOR RELATIONS

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