Atico
MINING CORPORATION

CORPORATE PRESENTATION

JANUARY 2017

CAUTIONARY NOTES AND QP

Certain statements in this presentation constitute forward-looking statements and as such are based on an assumed set of economic conditions and courses of action. These include estimates of future production levels, expectations regarding mine production costs, expected trends in mineral prices and statements that describe Atico Mining Corporation's future plans, objectives or goals. There is a significant risk that actual results will vary, perhaps materially, from results projected depending on such factors as changes in general economic conditions and financial markets, changes in prices for silver and other metals, technological and operational hazards in Atico's mining and mine development activities, risks inherent in mineral exploration, uncertainties inherent in the estimation of mineral reserves, mineral resources, and metal recoveries, the timing and availability of financing, governmental and other approvals, political unrest or instability in countries where Atico is active, labour relations and other risk factors.

The Company has not based its production decisions and ongoing mine production on mineral reserve estimates, preliminary economic assessments or feasibility studies, and historically such projects have increased uncertainty and risk of failure. Mineral resources that are not mineral reserves do not have demonstrated economic viability.

Dr. Demetrius Pohl, PhD, is the Qualified Person for Atico, as defined by National Instrument 43-101. Dr. Pohl was also responsible for ensuring that the information contained in this presentation is an accurate summary of the original reports provided to Atico and has approved the scientific and technical content of this presentation.

NON-GAAP FINANCIAL MEASURES

Cash cost per pound of payable copper produced and cash cost per tonne of processed ore are key performance measures that management uses to monitor performance. In addition, cash costs are an industry standard method of comparing certain costs on a per unit basis; however, these do not have a standardized meaning and may differ from methods used by other companies with similar descriptions. Management believes that certain investors use these non-GAAP financial measures to evaluate the Company's performance. These performance measures have no meaning under IFRS and, therefore, amounts presented may not be comparable to similar data presented by other mining companies.

ATICO MINING CORPORATION

Company snapshot

SHARE STRUCTURE	▪ ~18% founding group ▪ ~49% institutional shareholders ▪ ~33% retail shareholders
MANAGEMENT & DIRECTORS	▪ Successful track record creating shareholder value ▪ Industry expertise and extensive regional network in Latin America
STRATEGY	▪ Build a leading mid-tier Cu-Au producer through organic growth and acquisitions, focused on high margin operations in Latin America
EL ROBLE MINE, COLOMBIA	▪ 90% Ownership of producing mine and surrounding claims ▪ El Roble has mined high grade Cu-Au material for over 22 years ▪ M&I resource of 1.87Mt at 3.46% Copper, 2.27g/t Gold ▪ 6,679 hectare contiguous underexplored land package with 10 kilometer favorable geological contact zone prospective for VMS mineralization
CASH BALANCE*	▪ US$5.8 million

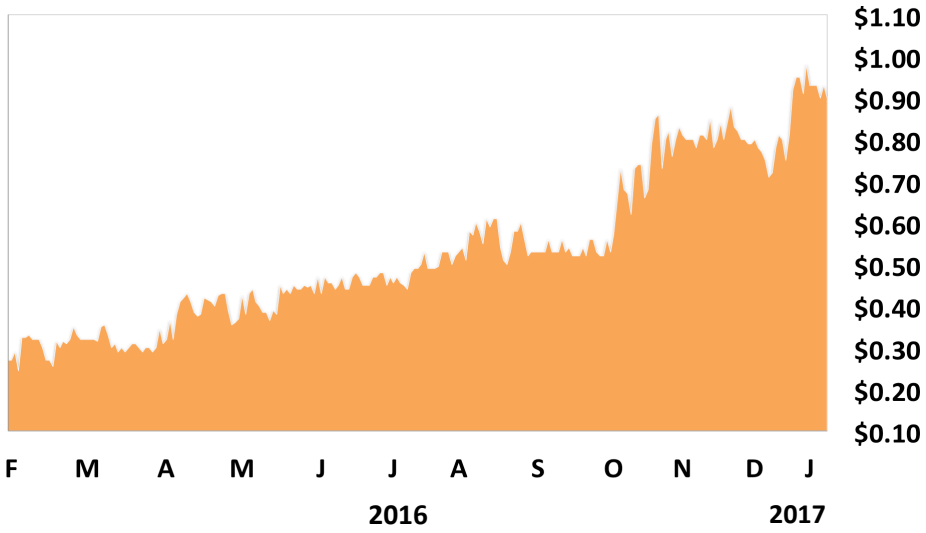
** As of September 30th, 2016*

CAPITAL STRUCTURE

Tight share structure

TSX.V	**ATY**
OTC	**ATCMF**
Shares outstanding	**97.9 million**
Options outstanding	**7.5 million**
Fully diluted	**105.5 million**

ATY.V share price performance



Top institutional shareholders

- ✓ Ingalls & Snyder
- ✓ Frontdeal
- ✓ Resource Capital Funds
- ✓ Gold 2000

Institutional coverage

- ✓ PI Financial
- ✓ M-Partners
- ✓ Dundee Capital Partners

Institutional watchlist

- ✓ Canaccord

MANAGEMENT

Successful track record in Latin America

Fernando E. Ganoza, B.Sc. Engineering, MBA

Chief Executive Officer

Fernando is a Mining Engineer with over 15 years of management experience in Latin America including key roles in the development of mines in Peru and Mexico as Project Manager and Country Manager for Canadian based producer Fortuna Silver Mines.

Jorge R. Ganoza, B.Sc. Engineering

President and Director

Jorge has over 40 years experience in Latin American mining industry holding senior leading roles in the founding and development of private and public mining companies.

Joseph A. Salas, B.Sc. Geological Engineering

Sr. Exploration Manager

Joseph has over 20 years experience in exploration, mine geology, project evaluation and development with vast expertise in gold-copper and copper-molybdenum porphyries in Colombia and Peru.

Bill Tsang, CPA, CA

Chief Financial Officer

Bill is a Chartered Professional Accountant with more than 10 years of financial accounting and auditing experience in the mineral exploration and mining industry.

DIRECTORS

Successful track record in Latin America

Jorge A. Ganoza, Geological Engineer

Chairman of the Board

Jorge is a co-founder of Fortuna Silver Mines Inc. where he currently holds the position of President, CEO and Director.

Jorge R. Ganoza, B.Sc. Engineering

President and Director

Jorge has over 40 years experience in Latin American mining industry holding senior leading roles in the founding and development of private and public mining companies. Previously to joining Atico, Mr. Ganoza held the position of VP of Operations in Fortuna Silver Mines Inc.

Luis D. Ganoza, B.Sc. Engineering, MBA, M.Sc.

Director

Luis holds the position of Chief Financial Officer in Fortuna Silver Mines Inc. and has over 12 years experience in the financial management of public mining companies.

Mario Szotlender

Director

Mario, co-founder of Fortuna Silver Mines, is also a Director of Radius Gold Inc. and Endeavour Silver Corp.

Michael Winn

Director

Michael has over 20 years experience in the resource sector, and is the President of Seabord Capital Corp. which provides investment analysis and financial services to companies operating in the energy and mining sectors.

Luis F. Sáenz

Director

Mr. Sáenz is a finance executive with over 20 years experience in mining finance and metals trading with a focus on Latin America.

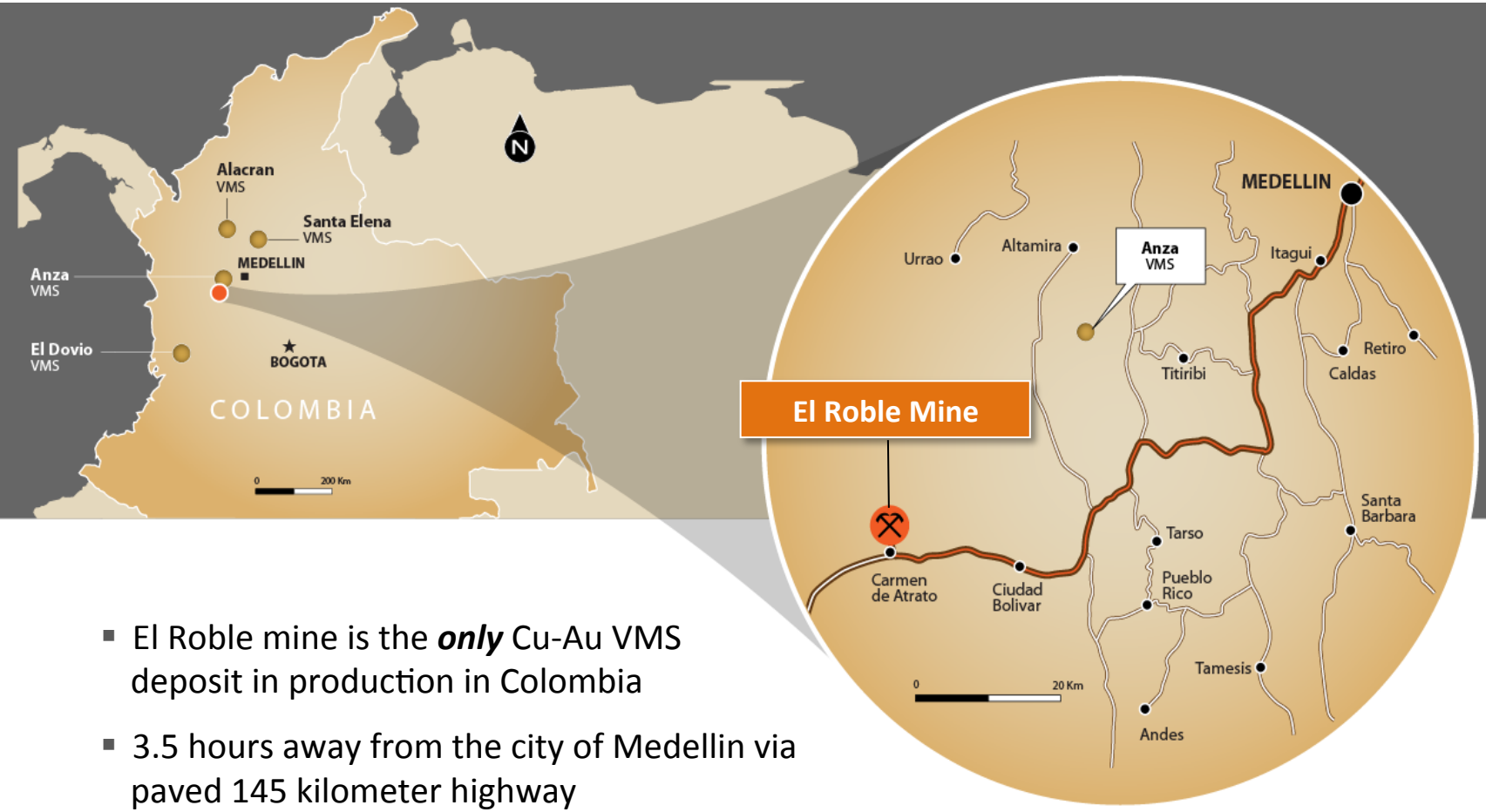
GROWTH STRATEGY

Focused on medium-sized high grade Cu-Au assets in Latin America

- Evaluate ***medium-sized advanced exploration opportunities*** in Colombia (VMS and central Cu-Au trend), Peru (southern copper belt) and Chile (northern copper belt)
- Acquire ***mid-size private or public small scale producing mines*** with exploration potential
- Focus on sustainable ***organic growth*** at current operation

EL ROBLE MINE, COLOMBIA

Excellent location and mine infrastructure



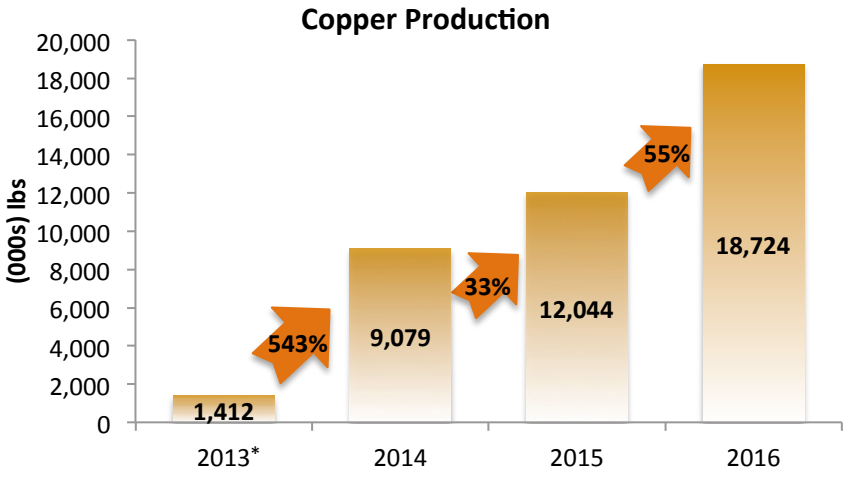
- El Roble mine is the ***only*** Cu-Au VMS deposit in production in Colombia
- 3.5 hours away from the city of Medellin via paved 145 kilometer highway
- Power grid, abundant water and mine facilities on site

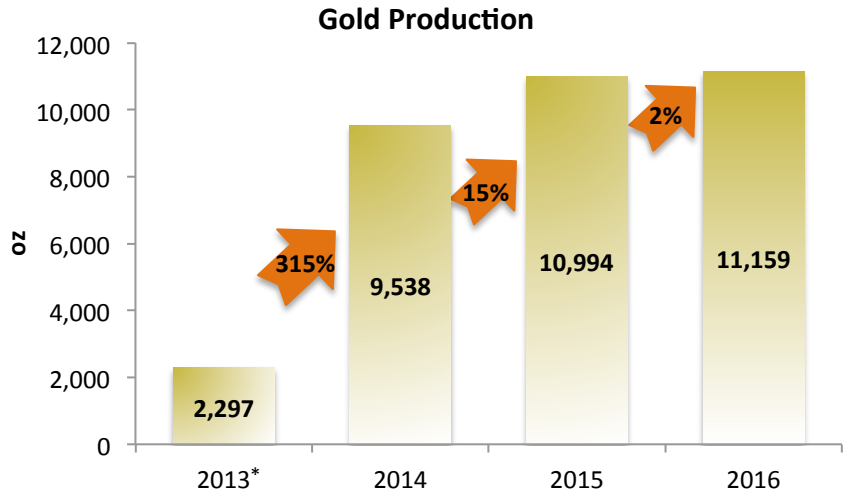
EL ROBLE MINE, COLOMBIA

In production for over 22 years

800 tpd processing facility

Location	Carmen de Atrato, Colombia
Ownership	90%
Type of deposit	Mafic-type Volcanic Massive Sulphide
Commodities	Cu, Au, Ag
Processing	Standard grinding, milling and flotation circuit
Operation	800 tpd underground mine
End Product	Cu (+Au,Ag) Concentrate
M&I Resource	1.87Mt at 3.46% Copper, 2.27g/t Gold





* *During the option term and up to November 22nd 2013, the Company was not responsible for mining or for resource development and gained no income from the mining operations*

EL ROBLE MINE, COLOMBIA

Production Summary

	2013*	2014	2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016
Production								
Copper (000s lbs)	**1,412**	**9,079**	**12,044**	4,277	4,786	4,515	5,146	**18,724**
Gold (ounces)	**2,297**	**9,538**	**10,994**	2,566	2,948	2,813	2,832	**11,519**
Mine								
Tonnes mined	**69,901**	**139,154**	**179,995**	53,752	63,112	63,112	64,314	**244,717**
Mill								
Tonnes processed	**69,895**	**133,332**	**178,095**	53,715	64,246	61,886	62,870	**242,717**
Tonnes processed per day	**303**	**462**	**638**	778	814	766	790	**788**
Copper grade (%)	**1.07**	**3.37**	**3.26**	3.81	3.63	3.48	3.92	**3.71**
Gold grade (g/t)	**1.56**	**3.3**	**2.78**	2.25	2.20	2.08	2.19	**2.17**
Recoveries								
Copper (%)	**89.6**	**91.4**	**94.1**	94.4	93.0	94.6	94.7	**94.2**
Gold (%)	**65.2**	**66.9**	**69.2**	67.2	65.0	67.9	63.8	**66.1**
Concentrate								
Copper and Gold concentrates (dmt)	**3,294**	**19,418**	**29,024**	9,674	10,718	10,221	10,881	**41,494**
Payable copper produced (000s lbs)	**1,341**	**8,625**	**11,428**	4,048	4,547	4,312	4,887	**17,776**
Cash Cost per pound of payable copper produced(1)	**N/A**	**0.82**	**1.00**	0.86	0.96	1.35	TBA	**TBA**

** During the option term and up to November 22nd 2013, the Company was not responsible for mining or for resource development and gained no income from the mining operations*
Note: Metal production figures are subject to adjustments based on final settlement
(1) Net of by-product credits (refer to non-GAAP Financial Measures)

EL ROBLE MINE, COLOMBIA

Major scale-up components completed to achieve 800tpd

ADIT

Entrance to new level 1880 adit

- Five by five, 830 meter adit
- Direct access to the newly discovered resources
- Improved underground drill access
- Capacity beyond 800tpd

TAILINGS FACILITY

New tailings facility

- First and second phase of the new tailings facility completed
- Facility built to international standards
- Third phase construction will commence as required by operational needs

PROCESSING FACILITY

800 tpd processing facility

- Upgrades to the crushing and milling circuit including a new cone crusher and stronger ball mill motors
- Additional flotation cells
- Upgrades to the thickener and vacuum drum filter
- New on site lab

EXPLORATION PROGRAM

Mine overview from Archie target

EL ROBLE MINE VICINITY EXPLORATION PROGRAM

Resource update completed

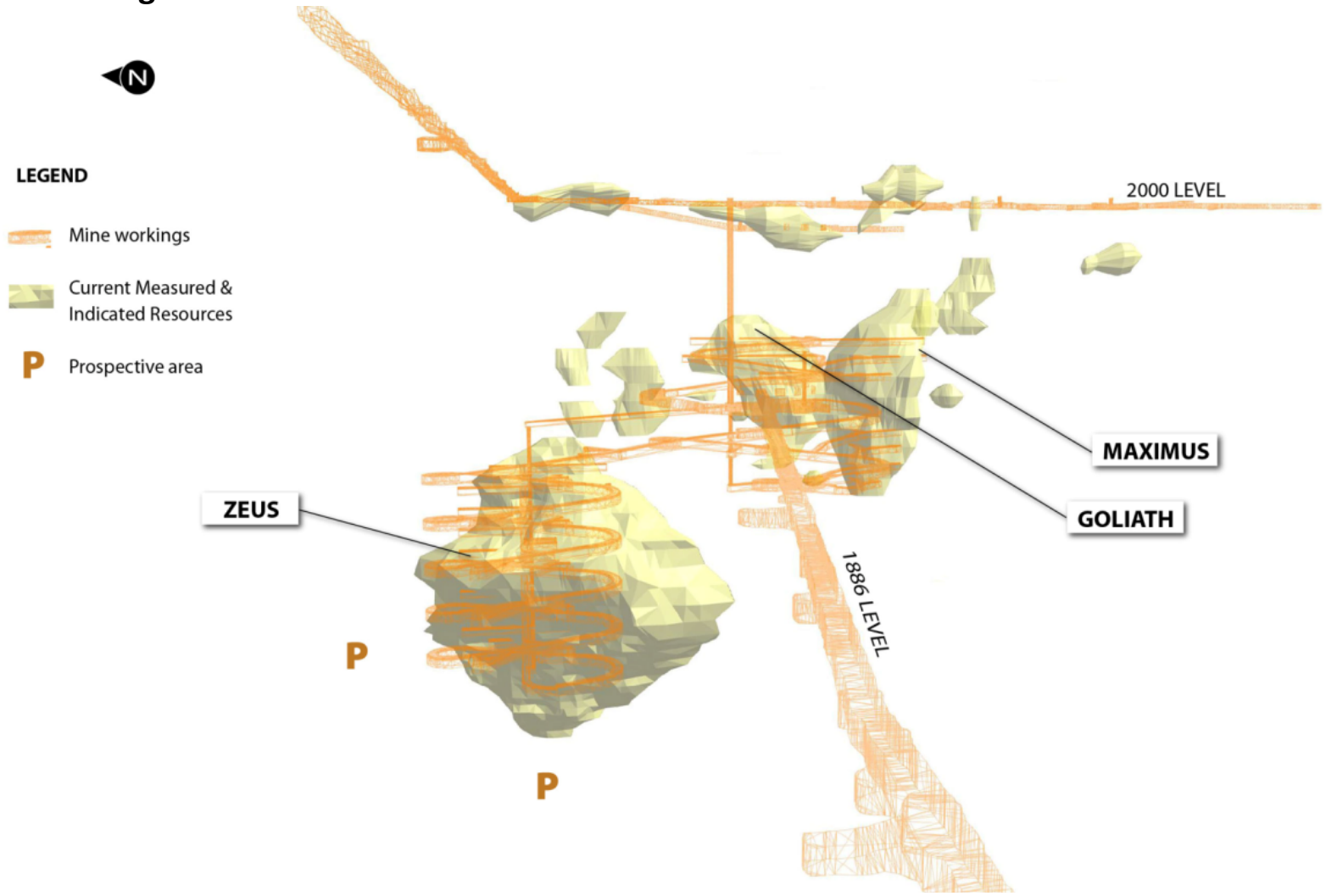
- High Cu-Au grades defined below the 2000 meter elevation, previous operator's lowest production level at the currently producing mine
- Measured and indicated resource of 1.87Mt at 3.46 % Copper, 2.27g/t Gold and 8.87 g/t Silver using a cut-off grade of 0.93 % Cu Eq
- Potential to further increase resource at the El Roble mine as mineralization is open along strike and at depth

Core shack

Underground drilling

High grade massive sulfide discovered

El Roble Long Section



High grade mineralization continues at depth

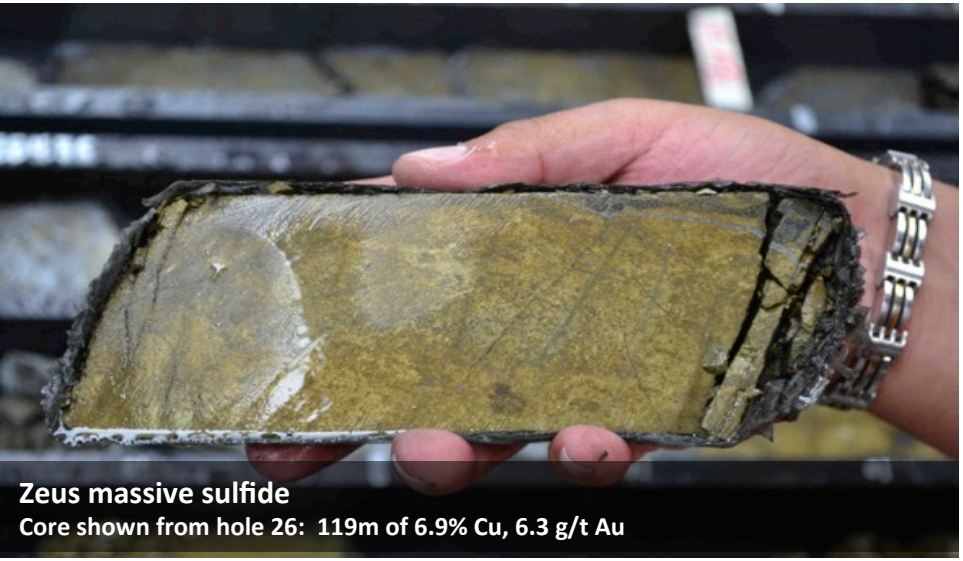
2012-15 Exploration Highlights

		Intercept (m)					
Body	Hole ID	From	To	Interval (m)	Cu (%)	Au (g/t)	Ag (g/t)
Goliath	ATDHR-01	109.2	151.0	41.7	6.54	1.82	7.43
	Including	109.2	111.0	1.7	9.00	4.81	22.2
		121.0	123.0	2.0	6.87	10.27	11.4
		125.0	141.0	16.0	7.13	1.00	3.87
		143.0	145.0	2.0	14.85	0.91	15.15
	ATDHR-12	113.9	132.1	18.15	10.30	2.10	6.59
	Including	113.9	118.0	4.10	11.06	6.46	17.57
		120.0	122.0	2.00	15.91	0.78	3.23
		122.0	126.0	4.00	17.45	1.06	3.94
	ATDHR-20	128.0	148.4	20.40	5.25	1.28	6.16
Maximus	ATDHR-04	61.0	102.0	41.0	6.49	17.57	13.26
	Including	75.0	85.0	10.0	3.00	3.59	12.77
		85.0	95.0	10.0	18.40	8.63	19.29
		95.0	97.0	2.0	3.92	250.0	21.2
		97.0	102.0	5.0	6.05	7.21	13.20
	ATDHR-05	70.0	79.0	9.0	2.50	2.31	16.17
	Including	75.5	77.0	1.5	3.81	9.41	145.5
		77.0	78.0	1.0	10.82	1.60	0.00
	ATDHR-17	71.8	160.5	88.70	5.41	2.48	10.83
	Including	71.8	75.2	3.40	11.50	7.22	13.77
		100.3	104.1	3.80	7.17	3.89	18.20
		141.1	149.5	8.45	12.96	1.09	12.70
Zeus	ATDHR-26	144.0	263.7	119.7	6.89	6.26	16.50
	Including	145.8	156.3	10.43	11.68	14.14	33.83
	ATD-0003	158.8	245.20	86.4	5.04	3.71	8.69
	ATD-0004	155.7	225.75	70.1	6.26	1.85	7.93
	Including	186.4	225.75	39.53	7.50	1.31	5.67
	ATDHR-28	242.8	292.0	49.20	4.11	2.32	6.36
	Including	257.4	266.5	9.12	6.69	1.71	7.07

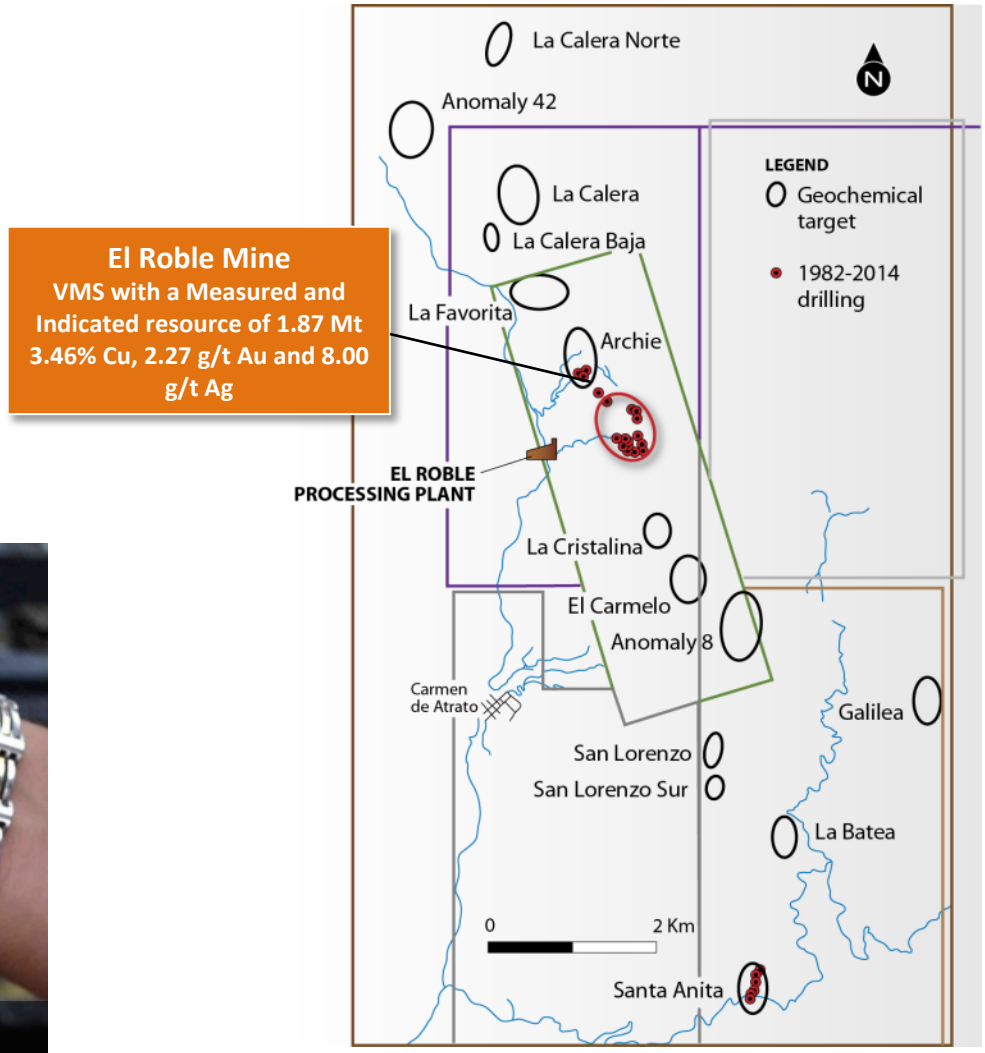
EL ROBLE MINE DISTRICT EXPLORATION UPSIDE

Past exploration programs focused on mine vicinity

- 6,679 contiguous hectare property with limited and intermittent exploration over the past 40 years
- 10,000 meters of drilling by Kennecott and Nittetsu at the mine vicinity to define the historical resources (1982-1986)
- Continuous exploration programs by Atico over the past 5 years, have defined 16 regional drill targets.



Zeus massive sulfide
Core shown from hole 26: 119m of 6.9% Cu, 6.3 g/t Au



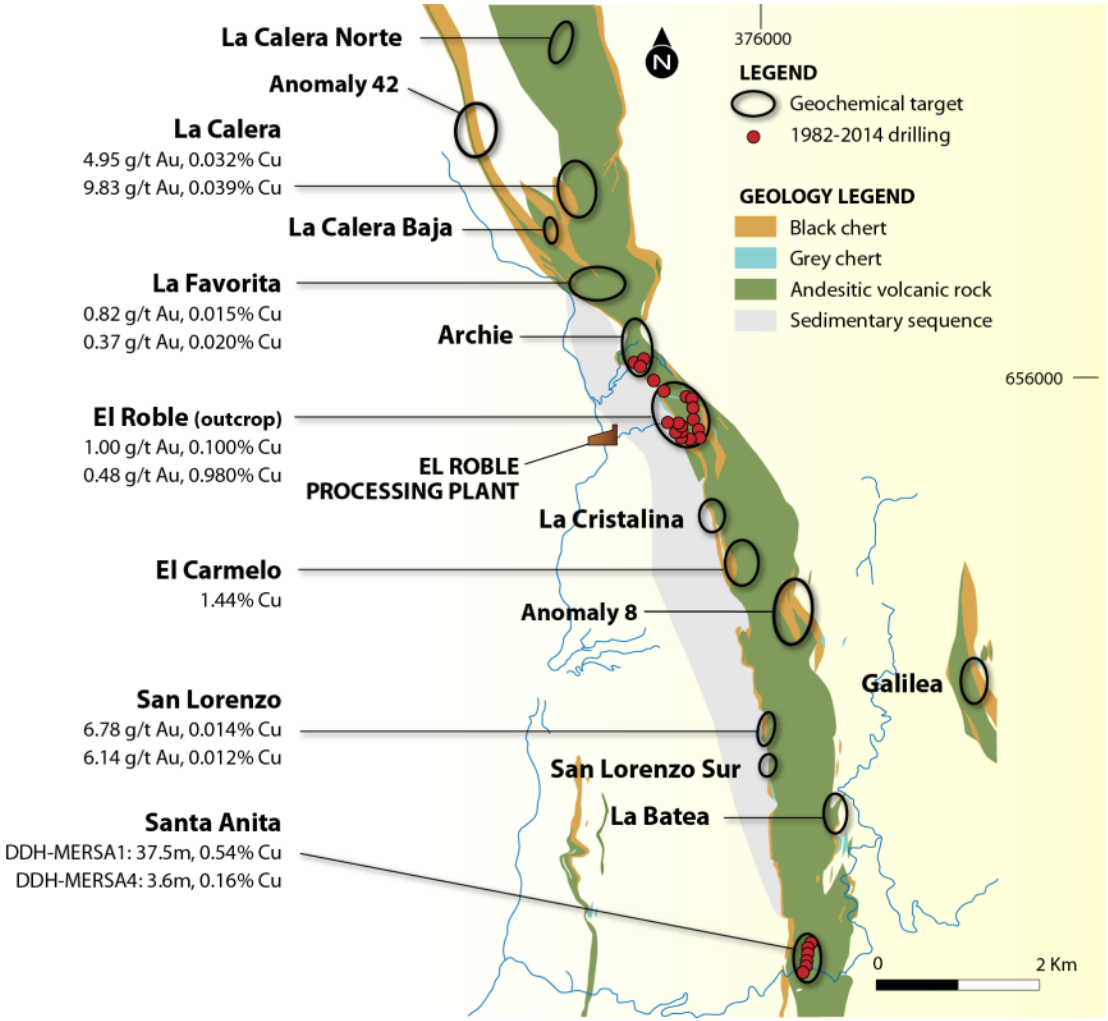
El Roble mine and surrounding claims

EL ROBLE MINE DISTRICT EXPLORATION UPSIDE

Potential to discover additional VMS bodies

- Atico identified and mapped a 10 km stratigraphic contact between basalt flows and pelagic sediments that control mineralization
- Geochemical program(1) and geophysical surveys(2) have outlined multiple VMS targets over the 10 km favorable contact
- Only 2 of 15 district geochemical targets have been previously drilled; Archie and Santa Anita
- Atico plans to drill at least 2 targets in 2016
- Potential for more targets to be discovered during district exploration of the heavily vegetated terrain

(1) Geochemical program corresponds to rock chip and soil sampling
(2) Geophysical surveys conducted include IP, VTEM, magnetic survey, gravity and down-hole EM



Geological map of favorable contact within El Roble claims

INVESTMENT HIGHLIGHTS

Building a leading mid-tier Cu-Au producer

- ✓ Proven team of mine developers and mine operators
- ✓ Industry expertise and regional network
- ✓ Focused on developing and operating high margin mid-sized Cu-Au deposits
- ✓ In production and generating cash flow at El Roble mine
- ✓ Upside at El Roble mine's underexplored large land package with multiple geochemical and geophysical VMS anomalies

BUILDING A LEADING MID-TIER PRODUCER

Atico MINING CORPORATION

CONTACT INFORMATION

CORPORATE OFFICE
Suite 501 – 543 Granville St.
Vancouver BC V6C 1X8
T: +1.604.633.9022

INVESTOR RELATIONS
Igor Dutina
idutina@aticomining.com

APPENDIX

El Roble mine analyst visit

EL ROBLE MINE VICINITY EXPLORATION PROGRAM

Resource Estimate Table

						Contained Metal		
Cu Eq Cutoff (%)	**Tonnes (000)**	**CuEq (%)**	**Cu (%)**	**Au (g/t)**	**Ag (g/t)**	**Cu Lbs (000)**	**Au oz (000)**	**Ag oz (000)**
Measured Resources								
0.93%	**791**	**4.94**	**3.68**	**2.61**	**10.06**	**64,189**	**66**	**256**
Indicated Resources								
0.93%	**1,074**	**4.27**	**3.29**	**2.02**	**8.00**	**78,023**	**70**	**276**
Total Measured + Indicated @ 0.93% Cu Eq.								
0.93%	**1,865**	**4.55**	**3.46**	**2.27**	**8.87**	**142,212**	**136**	**532**
Inferred Resources								
0.93%	**255**	**4.75**	**4.1**	**1.34**	**5.21**	**23,042**	**11**	**43**

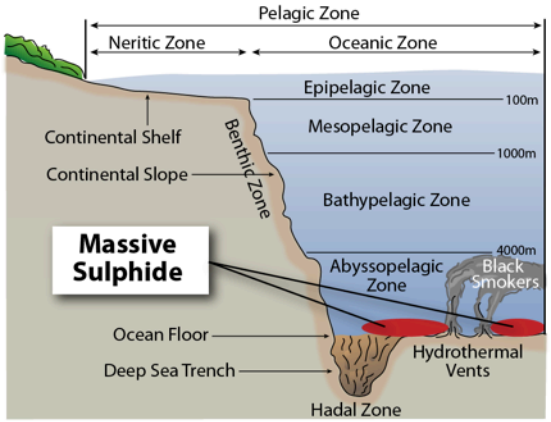
Note:

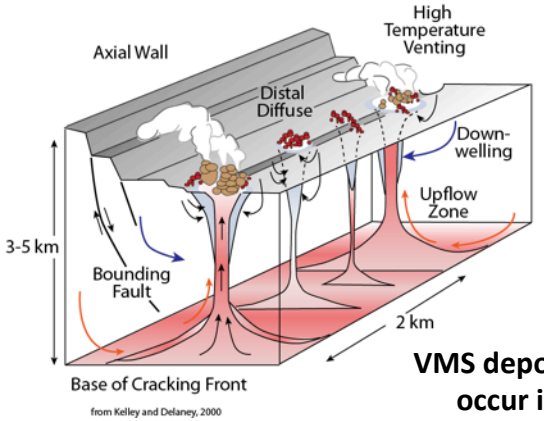
1. The mineral resource estimate update was prepared in accordance with the definitions in the Canadian National Instrument 43-101 and based on data from 230 drill holes totaling 27,945 meters completed by Atico, during 2010 and up to June 2015.
2. *Mineral Resources are as defined by CIM Definition Standards on Mineral Resources and Mineral Reserves;*
3. The El Roble mine currently contains no Mineral Reserves;
4. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability;
5. There are no known legal, political, environmental or other risks that could materially affect the potential development of the Mineral Resources at El Roble;
6. El Roble Mineral Resources are estimated and reported as of June 30, 2015;
7. El Roble Mineral Resources are estimated and reported at a Cu Equivalent of 0.93% Cu, with Cu Equivalent in % using a Cu price of USD$6,172/tonne Cu metal and USD$1,200/tr. Oz. Au and copper and gold recoveries of 93.5% and 73%, respectively;
8. Totals may not add due to rounding procedures.

VMS DEPOSITS

Typically occur in clusters

- Volcanogenic massive sulfide mineral deposits are formed at or near the sea-floor by volcanic activity
- VMS deposits generally occur in clusters; rare to find just a single deposit
- Over 1,000 known deposits from < 1 Mt to over 300 Mt, average size 2.87 Mt tonnes of 1.82 % Cu and 1.4 g/t Au
- It is possible to estimate the size and grade of future discoveries in a district based on the known distribution of VMS deposits
- Colombia represents a new VMS province in South America.



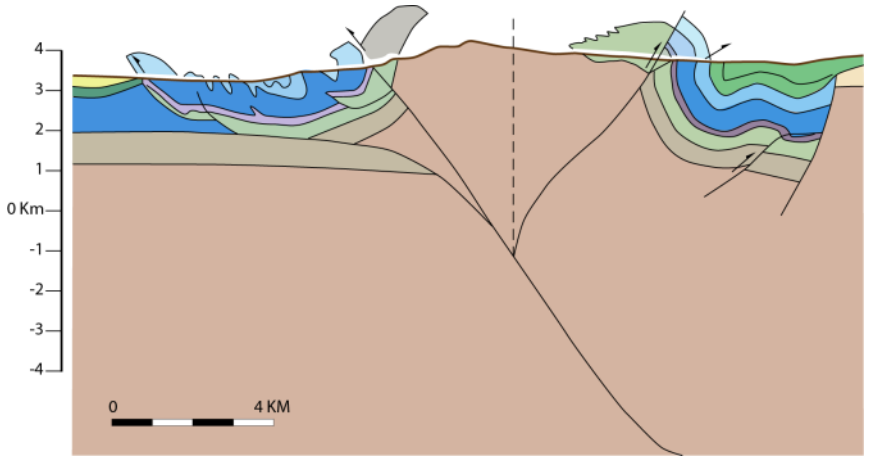
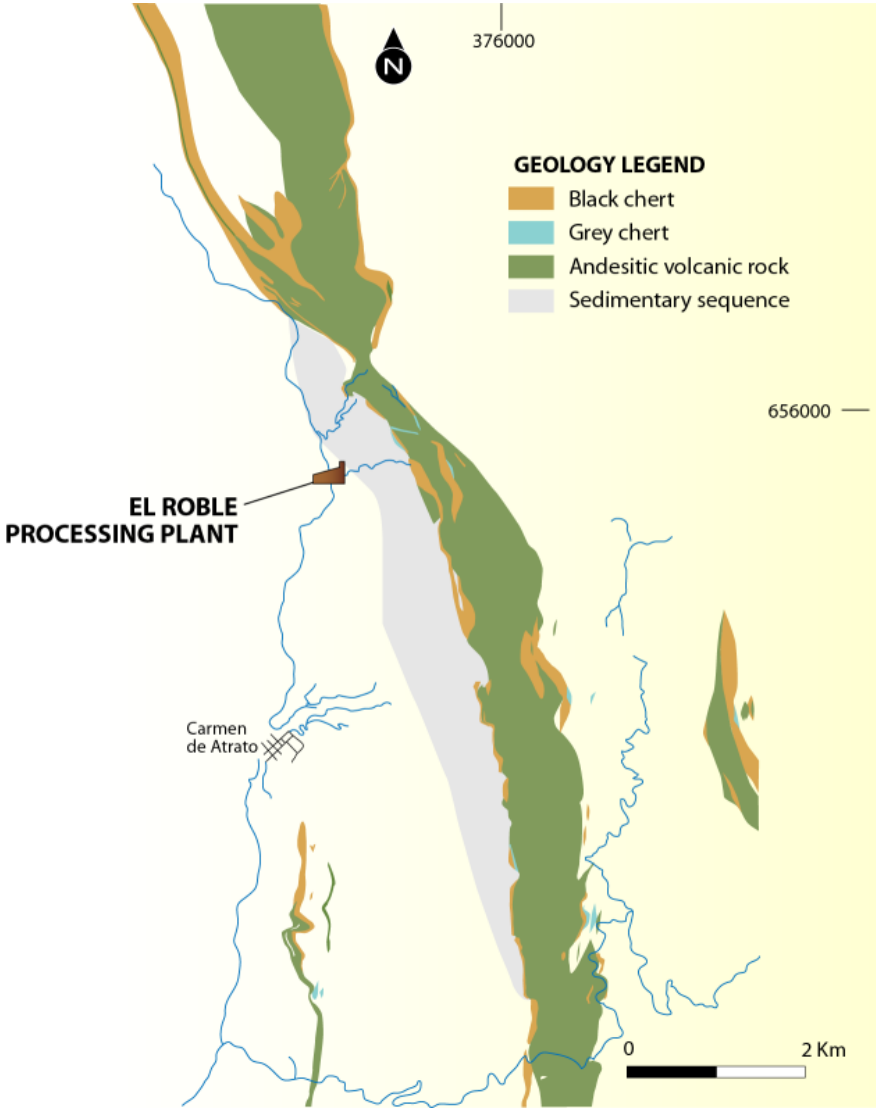


VMS deposits typically occur in clusters

EL ROBLE MINE EXPLORATION UPSIDE

Well understood geological model

- Mapping of main lithologies for 10 kilometers through the El Roble property that control mineralization - stratigraphic contact between basalt flows and pelagic sediments
- Well understood occurrence of mineralization in favorable lithology
- Knowledge gained from mine informs regional exploration
- Structural controls still need to be better understood



Schematic Regional Concept Section