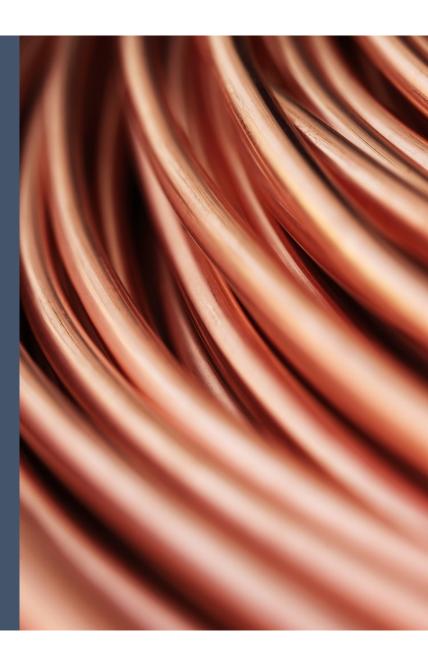


COMMITTED TO CREATING SUSTAINABLE VALUE

Corporate Presentation September 2022

TSX-V: ATY I OTCQX: ATCMF

aticomining.com



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.

Dr. Demetrius Pohl, PhD and Dr. Michael Druecker, CPG, are the Qualified Persons for Atico, as defined by National Instrument 43-101. Dr. Pohl and Mr. Druecker have ensured 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.

BUILDING ON SUCCESS



Proven building blocks to increase shareholder value

STRATEGY

Build a leading mid-tier producer through organic growth and disciplined acquisitions, focused on high margin operations in Latin America.

M&A OPPORTUNITIES



- Acquire small to medium scale advanced-stage projects
- Potential to be a high margin mine
- Stable jurisdictions

EFFECTIVE LEADERSHIP



- Successful track record creating shareholder value
- Industry expertise and extensive regional network in Latin America

OPERATING MINE AND GROWTH POTENTIAL



- 90% ownership of producing mine and surrounding claims
- El Roble has mined high grade Cu-Au material for over 30 years
- Developing the La Plata high grade Cu-Au, completing the feasibly study and advancing permitting

CORPORATE OVERVIEW



Tight share structure

TSX.V: ATY I OTCQX: ATCMF

RECENT TRADING

CLOSING PRICE (06/09/2022)

\$0.33

52-WEEK RANGE

\$0.23 - \$0.65

AVERAGE DAILY VOLUME (3MO)

30K

CAPITAL STRUCTURE

SHARES OUTSTANDING

121 M

OPTIONS OUTSTANDING

12.0 M

FULLY DILUTED

\$0.70

\$0.10

133 M

LIQUIDITY(\$USD)(Q2 2022)

WORKING CAPITAL

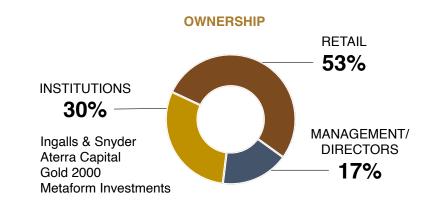
\$24.1 M

AVAILABLE CREDIT

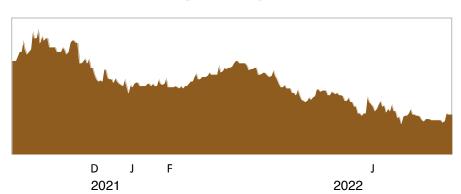
\$6.2 M

CASH

\$15.1 M



SHARE PRICE



EL ROBLE MINE, COLOMBIA

Flagship asset with organic growth potential





LOCATION
Carmen de Atrato,
Colombia



OPERATIONAL CAPACITY 1,000 tpd underground mine



OWNERSHIP 90%



PRODUCTION

Cu: ~17 Mlb /year Au: ~11,000 oz /year



PROPERTY 6,355 hectares, Mafic-type VMS



C1 CASH COST (\$US)¹ ~\$1.40



PROCESSING
Standard grinding,
milling and flotation
circuit



RESERVES ~3 years



Note 1:. Please see "Non-GAAP Financial Measures". C1 cash cost per pound of payable copper produced net of by-product credits and selling costs. Note 2: Life of mine based on resource update report with an effective date of September 30 2020.

FINANCIAL PERFORMANCE

Trailing 4 reported quarters (Q2 to Q2 2022)

//Atico

Financial Highlights

**CASH FLOW FROM OPS \$19.1M

AISC \$2.17/lbs

**FREE CASH FLOW \$14.2M

*AISC MARGIN 98%

*Margin is based on a realized prices of \$4.29/lbs Cu and \$1,829/oz Au and AISC. All figures expressed in \$USD.

**FCF is calculated biased on cash flow from operations before changes in working capital net of sustaining capital
expenditures.

Operational Highlights

PRODUCTION

18M lbs Cu &

18M lbs Cu & 12.0K oz Au

C1 COST

\$1.35/lbs

RESERVES ~3.0 Years

THROUGHPUT **274K Tonnes**

El Roble Mine, Colombia

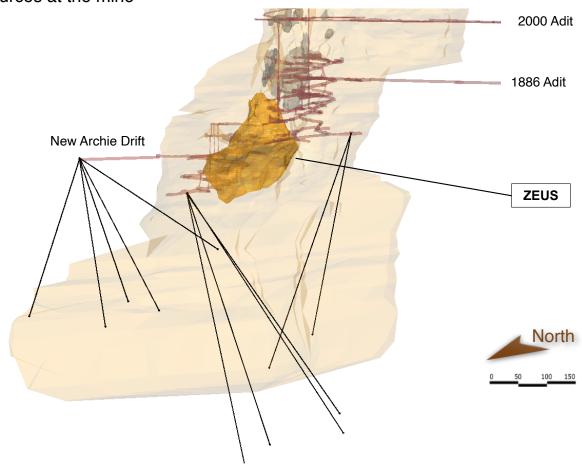
EXPLORATION



Mine Vicinity - Potential to increase resources at the mine

LEGEND

- Massive sulphide exploited
- Mine workings
- Current P+P Reserves
- / Proposed drill holes
- Black Chert

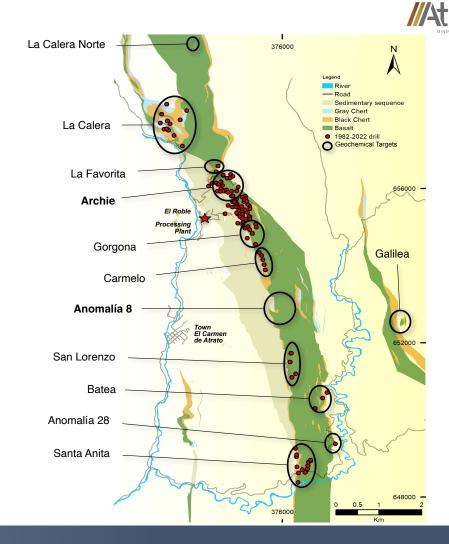


El Roble Mine, Colombia

EXPLORATION

Regional – Potential to find additional VMS Mineralization

- 6,355 contiguous hectare property with intermittent exploration.
- Atico has identified over 21 perspective drill target areas.
- 2022 drill program will focus on the 2km trends encompassing the El Roble mine along with distal targets
- H2 2022 drill program budget is set at 10,000 meters.
- Potential for more targets to be discovered during district exploration of the heavily vegetated terrain.



LA PLATA, ECUADOR

//\tico

Atico's next development stage project



LOCATION
Near Quito, Ecuador



PROPERTY 2,300 hectare land package, Mafic-type VMS



EXPLORATION
9 priority exploration targets



OWNERSHIP 100%



COMMODITIES Au, Cu, Zn, Ag



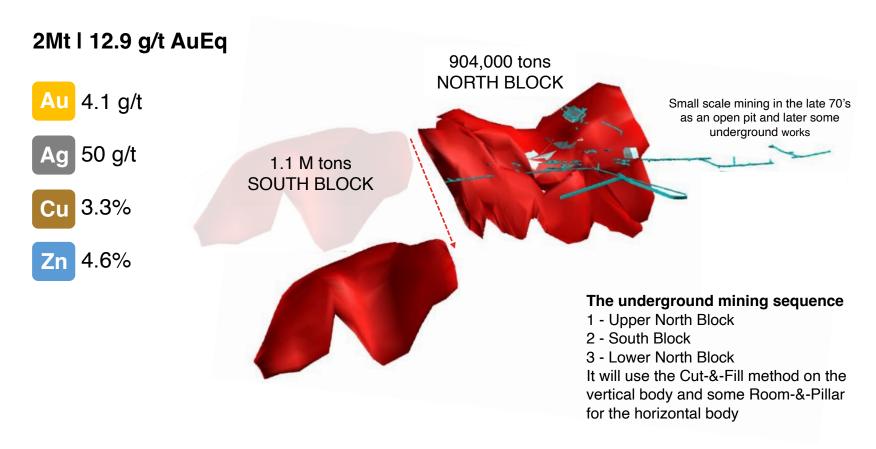
DEVELOPMENT STAGE
Planned 800 tpd underground mine



LA PLATA VMS PROJECT, ECUADOR

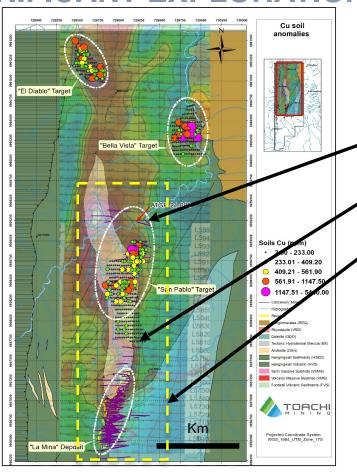


High grade precious and base metals project



SIGNIFICANT EXPLORATION POTENTIAL





- VMS deposits tend to form in clusters which reinforces the prospect of further nearby deposits
- +9 km of favorable geology along strike
- Q. Romero: Drilled in 1965 1967 by Dr. Duncan R. Derry (Canadian Mining Hall of Fame) – 22m at 1.8% Cu
- Guatuza target 150 m N of La Plata with intersection of:
 6.8m at 7.0% Cu & 1.0g/t Au
- Resource of 1.9M tons @ 13 g/t AuEq
- Potential deposit extensions at depth and to the north
- Numerous defined Au-Cu-Ag-Zn exploration targets
- Regional targets defined by coincident geology, geochemistry, geophysics and surface mineralization
- 2021 Reginal exploration drill program intercepted new mineralization at both Guatuza North and San Pablo target areas
- 6,500 meter drill program budget is set for H2 2022 to test Bella Vista, San Pablo, El Diablo and El Gordo target areas.

MINING RESPONSIBLY













INVESTMENT HIGHLIGHTS



Proven team of mine developers and mine operators

Industry expertise and Regional network

In production and generating cash flow at El Roble mine

Focused on developing and operating high margin mid-sized Cu-Au deposits

Underexplored

Upside at La Plata and El Roble mine's underexplored large land packages with multiple geochemical and geophysical VMS anomalies



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MANAGEMENT TEAM

Successful track record in Latin America





Fernando E. Ganoza B.Sc. Engineering, MBA

Chief Executive Officer and Director

Fernando is a Mining Engineer with over 22 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.



Alain BureauB.Sc. Professional
Engineering

President

Alain has over 25 years of leadership in project management, operating in North and Latin America countries, gained through notable projects including mines in Peru, Chile, Mexico, Panama and Canada.



Matias Herrero CPA, CA

Chief Financial Officer

Matias is a chartered professional accountant, with 15 years of progressive senior level experience as a mining professional in various areas including finance, mergers and acquisitions, international arbitration, risk management and multi-jurisdictional public company reporting.



Jorge R. Ganoza B.Sc. Engineering

VP Operations and Director

Jorge has over 43 years experience in Latin American mining industry holding senior leading roles in the founding and development of private and public mining companies.



Igor DutinaBA Marketing Mgmt,
Economics

Corporate Development

Igor has an extensive background in Canadian, US and European capital markets, with more than 14 years of experience in the mineral exploration and mining industry, previously working with several publicly listed Companies.



Joseph A. Salas B.Sc. Geological Engineering

Sr. Exploration Manager

Joseph has over 25 years experience in exploration, mine geology, project evaluation and development with vast expertise in gold-copper and coppermolybdenum porphyries in Colombia and Peru.

DIRECTORS

Successful track record in Latin America





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

Chairman of the Board

Luis holds the position of Chief Financial Officer in Fortuna Silver Mines Inc. and has over 25 years experience in the financial management of public mining companies.



Jonathan Goodman

Director

Jonathan brings more than 30 years of diverse financial and technical experience and is well known in the Canadian and International mining industry. Mr. Goodman is also the Executive Chairman of Dundee Corporation, Director of Sabina Gold and Silver Corp.



Mario Szotlender

Director

Mario has over 30 years experience in the public and private investment community a cofounder of Fortuna Silver Mines and is also a Director of Radius Gold Inc. and Endeavour Silver Corp.



Fernando E. Ganoza B.Sc. Engineering, MBA

Chief Executive Officer and Director

Fernando is a Mining Engineer with over 22 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.



Luis F. Sáenz

Director

Luis is a finance executive with over 25 years experience in mining finance and metals trading with a focus on Latin America.



Michael Winn

Director

Michael has over 30 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.



Jorge R. Ganoza B.Sc. Engineering

VP Operations and Director

Jorge has over 43 years experience in Latin American mining industry holding senior leading roles in the founding and development of private and public mining companies.