

Chilean Mining

Present for a sustainable future



Ministerio de
Minería

Gobierno de Chile

InvestChile

FOREIGN INVESTMENT PROMOTION AGENCY



The projects section included in this document was developed based on third party information. Hence, each project's reference information is the exclusive responsibility of the parties identified on each datasheet. The Ministry of Mining is not responsible for the use or misuse of this information and takes no responsibility for any commercial terms that may be agreed by providers with potential buyers.

Fifth edition

Santiago, 2023

Editorial Board

Ricardo Cerda, Ministry of Mining
Eduardo Agüero, Ministry of Mining
Christoff Janse, InvestChile
Sofía Morales, InvestChile

We thank the contributions of

Empresa Nacional de Minería (Enami).
Colegio de Geólogos and FEXMIN.
Kura Minerals.
Servicio Nacional de Geología y Minería (Sernageomin).

Design, layout and images

Motif Diseño Integral SpA

Pictures

Ronnie Zúñiga Salazar, Ministry of Mining
Cover Photo Panoramic view of Caserones mine,
Atacama Region

CONTENTS

Greetings from the Authorities	04
Prologue	05
InvestChile	06
Acknowledgements	08
Chile, strategic partner to build the future	10
Mining Production	11
Investment Portfolio	12
Geological Exploration Information Platform (SIGEX) - Sernageomin	13
Projects	14
Basic exploration projects (Generative)	17
Basic exploration projects (Follow-up)	23
Advanced exploration projects	47
Predevelopment projects	52
Glossary	55

 [ministeriodemineria](#)

 [MinMineriaCL](#)

GREETINGS

from the Authorities

Throughout its history, Chile has built an identity of mining excellence. The broad experience in the development of this industry has positioned our country in a leading position globally in the production of copper and other mineral resources, and has allowed us to foster specialized human capital and technological capabilities that enable the internationalization of local solutions and services of the highest standards.

Chile is in the privileged position of possessing vast resources of minerals that are vital in the effort to mitigate global warming. We not only produce 26% of the world's copper and 35% of the world's lithium, but also have important reserves of critical minerals to accelerate electromobility and decarbonization of the energy matrix, thus addressing the technological and environmental goals of mining in the 21st century.

This challenge offers us the unique opportunity to advance and promote a mining industry that makes progress

compatible with caring for the environment and fostering good community relations. These principles are in line with the environmental, social and governance criteria that should guide all sustainable investment management and environmentally responsible operations.

The fact that Chilean mining production has maintained a good pace in recent years, despite the difficulties imposed by the Covid-19 pandemic, is due to the industry's robustness and ability to quickly and efficiently respond and mobilize the necessary adaptations. It is this ability and the importance of Chilean mining as a key ally in the energy transition that will allow it to remain relevant and present for a sustainable future.

As a sign of our commitment to these goals, the national participation in the PDAC 2023 Convention is led by the Ministry of Mining, together with the key players in the Chilean mining sector. We represent an industry that aims to work together, generating public-private partnerships



Marcela Hernando
Minister of Mining

and coordination that is testament to the maturity of the Chilean mining sector. A solid legal framework, socio-political stability, and the presence of world-class infrastructure for operational logistics, the availability of specialized human capital, in addition to its well-known geological riches, all position Chile as an ideal strategic partner to build the future.

Chile will be present at the 2023 PDAC convention to promote the comparative advantages for exploration investments and the value in technology and innovative services that the country's mining sector offers. This is supported by 42% of the world's lithium reserves and 23% of global copper reserves. The country boasts a 5.48% share of the global budget for mining exploration (2022), placing Chile as the leading destination for exploration in Latin America and the fourth globally. For copper alone, the exploration budget totaled US\$ 527.8 million in 2022, representing 18.9% of the global budget.



Willy Kracht
Undersecretary of Mining

Continuing with the contribution that our mining industry makes to the development of our people requires us to continue promoting mining exploration. With mining activity accounting for more than 50% of Chilean exports, including copper, molybdenum, iron and lithium, there is no doubt that the sector is a vital engine for the country's productive development. And now it is also of strategic importance for the world. Through this 2023 project portfolio, we encourage you to get to know, join and participate in our mining industry.

In this fifth edition of the exploration project catalogue "Chilean Mining: Present for a Sustainable Future", the Ministry of Mining presents a portfolio of 34 initiatives. Of these, 28 are in the exploration category, while 6 correspond to more advanced or pre-development stages of mining. In relation to minerals of economic interest, 17 refer to copper projects, 6 to gold, 8 to polymetallic projects, 2 to iron and 1 to other metals.

PROLOGUE

In this fifth edition of the exploration project catalogue “**Chilean Mining: Present for a Sustainable Future**”, the Ministry of Mining presents a portfolio of 34 initiatives. Of these, 28 are in the exploration category, while 6 correspond to more advanced or pre-development stages of mining.

In relation to minerals of economic interest, 17 refer to copper projects, 6 to gold, 8 to polymetallic projects, 2 to iron and 1 to other metals.





Foreign Investment
Promotion Agency

www.investchile.gob.cl

For this publication, InvestChile has collaborated as a partner with the goal of fostering a more sustainable mining and dynamic exploration sector.

We are the public organization that promotes Chile internationally as a destination for foreign direct investment, serving as a bridge between investor's interests and the business opportunities the country offers.

We facilitate strategic partnerships for a successful investment journey, strengthening Chile as the Latin American Hub for global business.

We provide tailor-made and individually-focused assistance, working closely with private organizations, public institutions and ministries to plan and offer attractive sectorial projects to promote investment and growth.

LET'S MAKE YOUR NEXT PROJECT HAPPEN!

International Awards



'Hubspot Success Case 2021'



'The Best Investment Promotion Agency in South America' (Best to Invest 2019, 2020, 2021, 2022, Site Selection)



'The Best Investment Promotion Agency 2019' (International Business Magazine)

WEBAWARDS 2017

Government Standard of Excellence

'Government Standard of Excellence'

WE CONNECT / WE ADVISE / WE SUPPORT

At every stage:

Free-of-charge specialized services



Prospection

Knowledge & Info

- FDI statistics, business opportunity facts & figures
- Market insights & sectorial highlights
- Legal & tax information
- Detailed reports & studies on installation / sector-specific costs
- Portfolios of public projects & tenders



Pre-Investment

Promotion & Advice

- Meeting agenda/e-meetings with public & private institutions
- Investor delegations & B2B meetings
- Investment roadshows, conferences & workshops
- Detailed information on installation/sector-specific costs
- Investment incentives & special programs (i.e., R+D+i, visas, tax deductions/credits)



Landing

Guidance & Access

- Dedicated sector expert managers speaking several languages
- Sector-specific and legal advice on starting up
- Contact with key players within the business ecosystem & site visits
- Assistance in applying for financial incentives & government programs
- Public-private portfolios & public tenders
- Incorporation into the Regional Support Network for projects outside the Santiago Metropolitan Region



Established Company

Permanent Support

- Ongoing assistance for landing & expansion/re-investment
- Policy advocacy
- #InvestChileE-Consulting with immediate -free of charge- assistance to resolve your concerns
- Management of contacts and difficulties with public sector institutions to speed up your investment (i.e., permits, R&D+i, human capital)
- Online Investor's Toolkit with everything you need to facilitate the landing and expansion of your investment project.
- Media management to highlight your company's contribution to the country
- Special advisory on value-added & sustainable development initiatives
- Contact with public and private partners to foster synergies and cooperation

Over 700 companies advised each year!
InvestChile, your strategic partner

Why invest in mining exploration in Chile?

We are a worldwide leader in mining. By setting up or expanding operations in the country, you will be part of a forward-looking, integrated and sustainable mining sector, operating inside a mature & stable ecosystem that includes all of the sector's global players.

Some of our country's attributes:

Location:

When it comes to metals Chile has got it. The world's biggest producer of copper; large lithium reserves with very competitive production costs, gold and iron ore, to name only a few of our mineral endowments.

Experience:

We are leaders in the mining sector. Our competitive edge and solid economic foundations makes us a top mining country globally.

Vision of the future:

Chile is the Latin American Hub, exporting mining technology services to 39 markets. We have signed more Free Trade Agreements that anyone on the planet; guaranteeing special trade tariffs with 88% of the global GDP.



Request e-Consulting

Get in touch with us! A multicultural/multilingual team of professionals is available to offer you remote and immediate specialized services, at every stage of you investment project.

www.investchile.gob.cl

#InvestChileTools to power up your business

We are an environmentally friendly agency strengthening our commitment to promoting sustainable development in Chile. Our promotional material is mostly digital, which helps us to spread the word about 'Why Chile' is the ideal destination for your project to thrive. Especially, in these challenging times, strongly supporting the operation of your company so you can speed up your business remotely.



'How to invest in Chile' Guide

A complete guide to setting up your business operations. Steps for landing Incentives for foreign investment/ Intellectual Property/ Chile's tax structure/ Environmental legislation/ Visas & foreign citizens/ Personal data protection legislation/Labor laws and social security.



InvestChile Talks | The Power of Dialogue

Talks and events with speakers from the public & private sectors on the economic situation and investment opportunities in Chile.



Sectorial e-Books

Projections & opportunities in Food, Energy, Mining, Venture Capital and Global Services & Digital Economy, Pharmaceutical Industry, Recycling Infrastructure in Chile.



InvestChile Insights

Reports, studies and guides that address FDI-related topics.



Investment Portfolios

This public-private portfolio includes over 30 projects in Mining & other sectors (Infrastructure, Tourism & Energy).



China desk

Assistance, tools and contents in Mandarin to facilitate your arrival and expansion in Chile.



ACKNOWLEDGEMENTS



<https://www.enami.cl/>

Founded in 1960, the National Mining Company, ENAMI aims to promote the development of small and medium scale mining, providing the services required to access the refined metals market, under competitive conditions. In order to fulfill its objective, ENAMI relies on the management of three financial instruments: for Mining Development, Minerals Beneficiation and Smelting and Refining.

Today, there are hundreds of producers who carry out their mining activities thanks to the permanent support of the institution, generating more than 20,000 direct jobs and contributing to the development of economies of scale at the local and national level.



<https://www.fexmin.cl/>

FEXMIN, the Exploration and Mining Convention, is organized by the Chilean Geologists Association and held annually in Santiago, Chile.

Its objective is the promotion and exhibition of mining properties as well as mining and exploration projects of various sizes, creating opportunities for explorers, entrepreneurs and investors.

In addition to the exhibition of the projects in booths and presentations, conferences and specialist forums are held to discuss new discoveries, technologies, and the future of mining exploration.



<https://kuraminerals.com/>

Kura Minerals is a boutique consultancy firm that was created with the goal of resolving the market asymmetry that affects the mineral exploration sector in Chile. The Kura Minerals team possesses extensive experience in the mining sector, having worked at major multinationals, and its professionals combine their backgrounds in both geology and law to offer clients advisory services of excellence.



<https://www.sernageomin.cl/>

The National Geology and Mining Service (Sernageomin) is a Chilean state public service created in 1980, under the Ministry of Mining. It oversees specialized research and mapping of various aspects of the earth's crust, mainly related to the identification of productive resources (geothermal, hydrogeological, metallic, and non-metallic minerals); and monitoring and identifying geological hazards such as river overflows, tsunami floods, seismic resistance, volcanic eruptions, as well as landslides and rockfalls.



{ CHILE,

a strategic partner to build the future

MINING production¹

In 2021, Chile reached a production of 5.62 million tons of fine copper. The 26% market share of global copper production and new greenfield and brownfield projects will allow Chile to maintain this historical position.

Other production highlights in 2021 include 49.4 thousand tons of molybdenum, 34.2 tons of gold, 1,383 tons of silver, and 162.4 thousand tons of lithium carbonate equivalent (LCE).



¹ Base on data published by Sernageomin. Copper production information by Cochilco.

INVESTMENT

Portfolio 2022 - 2031²

The updated mining investment project pipeline for the 2022-2031 period considers 53 initiatives valued at US\$ 73,655 million. The increase of 6.9% with respect to last year's portfolio stands out in this version, resulting from the exit of 7 projects (2 due to restructuring and 5 due to the start of production) and the inclusion of 9 initiatives in various stages of development, totaling 2 more projects than previously registered. Of the total amount, investments of US\$ 12,733 million have already materialized, with a total of US\$ 46,323 million, 62.9% of the portfolio, remaining to be invested during the five-year period 2022-2026, and the remainder between 2027 and 2031. During the five-year period, 45 of the 53 registered projects will be materialized, with the first projects expected to be commissioned during the remainder of this year. Thus, 58% of the portfolio will come into operation between 2021 and 2026, and 12 projects, equivalent to 41% of the portfolio, will materialize beyond 2026.

The **Antofagasta region**, with a **30%** share in this portfolio, is the most important region in terms of investment, with copper as the main target mineral with **93.5% of the region's total**.

Of the portfolio, **26%** corresponds to **CODELCO and ENAMI projects**.

Of the 53 initiatives registered **24 involve the use of desalinated** or non-desalinated water, of which eight already have facilities in operation today, two will acquire the resource from a third party, and 14 initiatives will require the supply of new plants in the next ten years.

39% of the portfolio corresponds to **greenfield projects**, which is equivalent to **23 of the 53 initiatives** registered.

41 of the **53** initiatives seek to produce copper.

In terms of exploration, in 2022 the exploration budget in Chile reached US\$713.2 million and comprised a 5.48% share of the global budget. This represents an increase of 30% in relation to 2021, and once again positions Chile as the main exploration destination in Latin America, and the fourth country in terms of exploration budget allocation globally. This increase is mainly due to the end of the sanitary restrictions associated with the pandemic outbreak of COVID 19, and the high prices of certain minerals registered in 2021 and 2022, such as Copper, Gold and Lithium. There are 88 companies with exploration projects in Chile, of which 76 are juniors, 7 are medium-sized and 5 are state-owned or other. They come mainly from Canada and Australia, and their main source of financing is the issuance of shares in stock exchanges specialized in mining and exploration. Finally, considering 88 companies, 62 of them have prospects that have reported exploration activity in the last twelve months.³

² Based on information from Cochilco, according to data published in the report "Inversión en la minería chilena - Cartera de proyectos 2022 -2031".

³ Based on information from Cochilco, according to data published in the report "Catastro de empresas exploradoras 2022".

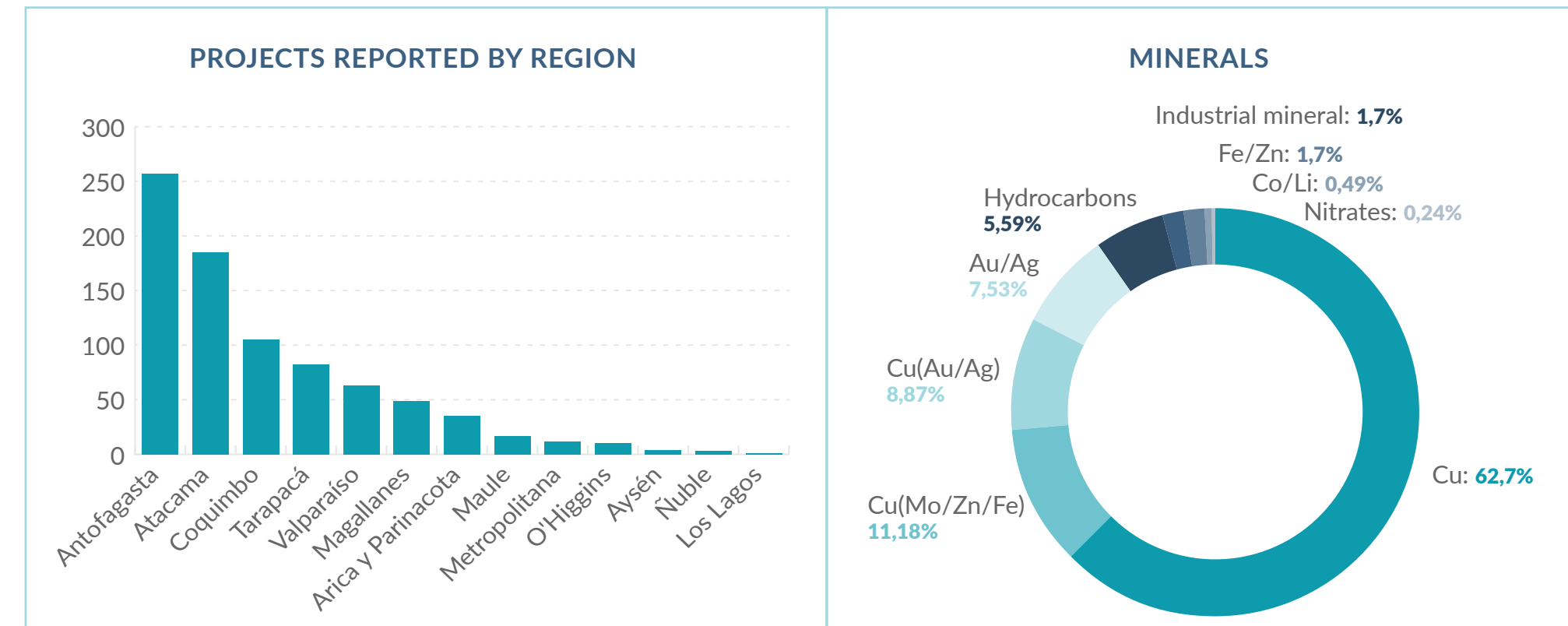
GEOLOGICAL

Exploration Information Platform (SIGEX) - Sernageomin

The new SIGEX platform displays the status of exploration projects reported to SERNAGEOMIN, allowing visualization through indicators and interactive graphics with the map. This is complemented with the option to download the reported data. The new SIGEX platform is an invitation to know the status of exploration projects in Chile.

TOTAL PROJECTS 815 IN AREA	NUMBER OF DRILL COLLARS 5,3 k IN AREA
PROJECTS WITH GEOLOGICAL MAP 553 IN AREA	PROJECTS WITH GEOPHYSICS 234 IN AREA
PROJECTS WITH SURFACE SAMPLES 398 IN AREA	PROJECTS WITH GEOCHEMISTRY 145 IN AREA
PROJECTS WITH PETROGRAPHY 67 IN AREA	PROJECTS WITH ABSOLUTE DATING 119 IN AREA

"SIGEX in its commitment to maintain a living, dynamic platform with updated content, today has available a new viewer renewed and enhanced with strategic information that invites exploration, investment and research in our country".



Some of the new features of SIGEX:

National coverage of drill collars:

- Making available 5,500 drillholes deployed throughout the national territory.
- 406 projects with drillholes.
- More than 340,000 m drilled available.
- Classified by type of drilling.
- Drillhole viewer with meters drilled per project.

The amount of information available per project is increased.

National coverage of drill collars:

- 550 projects deployed in the national territory.
- Approximately more than >50,000 Km2 of exploration project areas.

The SIGEX update variable is incorporated, which filters the latest projects uploaded to the platform.

Chile's large operations are incorporated.

The Metallogenic Fringes are incorporated.

A user experience survey is incorporated to get user feedback, recommendations and communication about the platform.

"In the age of data and data science, SIGEX incorporates new geospatial information that enriches the platform and allows users to be able to review and evaluate reported projects more informed."

PROJECTS

This version of the project catalogue includes a total of 34 projects focused on materializing national mid-mining industry initiatives.

The selected exploration projects are classified into four categories based on their development stages, such as generative exploration, follow-up exploration, advanced exploration, and pre-development stage.

Basic Generative Exploration

Focuses efforts on defining area(s) of interest (region) and identifying drilling targets. The first stage of basic exploration.

Basic Follow-up Exploration

Exploration that through the identification of targets obtained during the generative exploration stage allows the discovery of relevant mineralization and, consequently, the identification or finding of ore bodies, that enables to identify main ores and type of deposit available. This stage closes the basic exploration stage.

Advanced Exploration

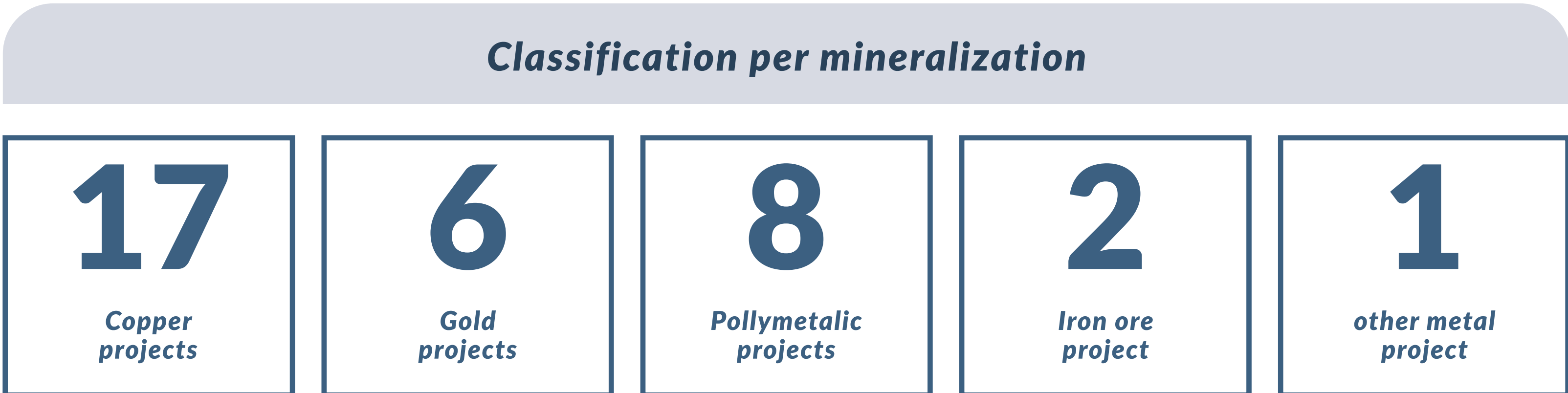
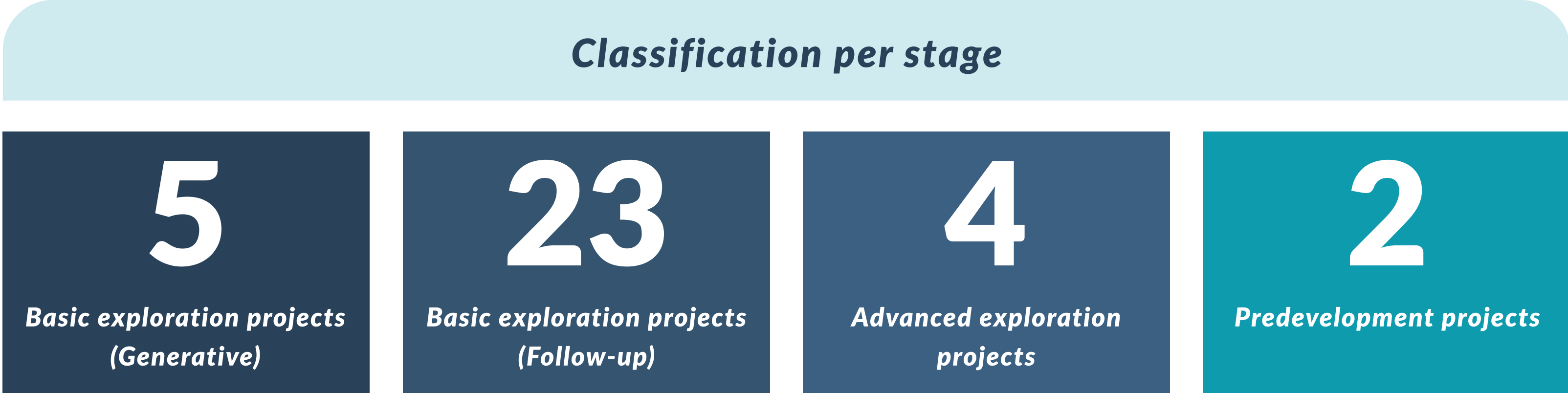
Exploration stage where information obtained during the basic exploration stage (generative and follow-up) is analyzed to outline resources and define deposits with economic value. Under this stage pre-studies such as scoping studies or pre-feasibility studies are generated.

Mining Pre-development

Stage under which the project's technical-economic or pre-feasibility studies are performed. During this legal phase, environmental (EIA), mining and investment plans or assessments are drawn, as well as evaluation of costs for the proposal of the mine-plant project.

Based on this classification, 28 basic exploration projects with their corresponding follow-up or generative stages are included; 4 projects correspond to the advanced exploration stage and 2 to the pre-development stage.

Based on the type of mineralization of every project, 17 correspond to copper, 6 to gold, 8 to pollymetallic, 2 iron ore projects and, lastly, 1 to other metal project.



PROJECTS

by regional location

Antofagasta Region: 7

- Pampa Paciencia
- Cerro Cumbre
- Imilac
- Río Frío
- Celinda
- Paloma
- Toro Rosa

Coquimbo Region: 8

- Atacamita
- Molibdenita
- Megalo
- La Viuda
- Los Rulos
- Joshua
- Samuel
- Blanco y Negro

Ñuble Region: 1

- Minas del Prado

Tarapacá Region: 2

- Leoncito El Loa
- ◇ Paguanta

Atacama Region: 13

- América
- El Morado
- Atenea
- Los Negritos
- Tesoro Negro
- ◇ Fénix Gold
- Tres Puntas
- Pastenes
- Cerro Negro
- Esperanza
- Florita-Pazota
- Los Azules
- Jerusalem

Valparaíso Region: 1

- Plateado

O'Higgins Region: 1

- Catedral

Aysén Region: 1

- Cerro Bayo

- Basic exploration projects (Generative)
- Basic exploration projects (Follow-up)
- Advanced exploration projects
- ◇ Predevelopment projects



Basic
**GENERATIVE
EXPLORATION
PROJECTS**

Contact: Igor Collado

@: igor.collado@gmail.com

Principal Shareholder

Igor Collado

Project Operator

Asesorías Geomineras SpA.

Basic Project Information

Cu porphyry with Au - Mo subordinate mineralization.

Type of resource to be extracted

Cu - Au - Mo

Deposit type

Porphyry of Cretaceous - Paleocene age.

Development stage

Basic exploration (Generative).

Property size

665 ha

Highlights

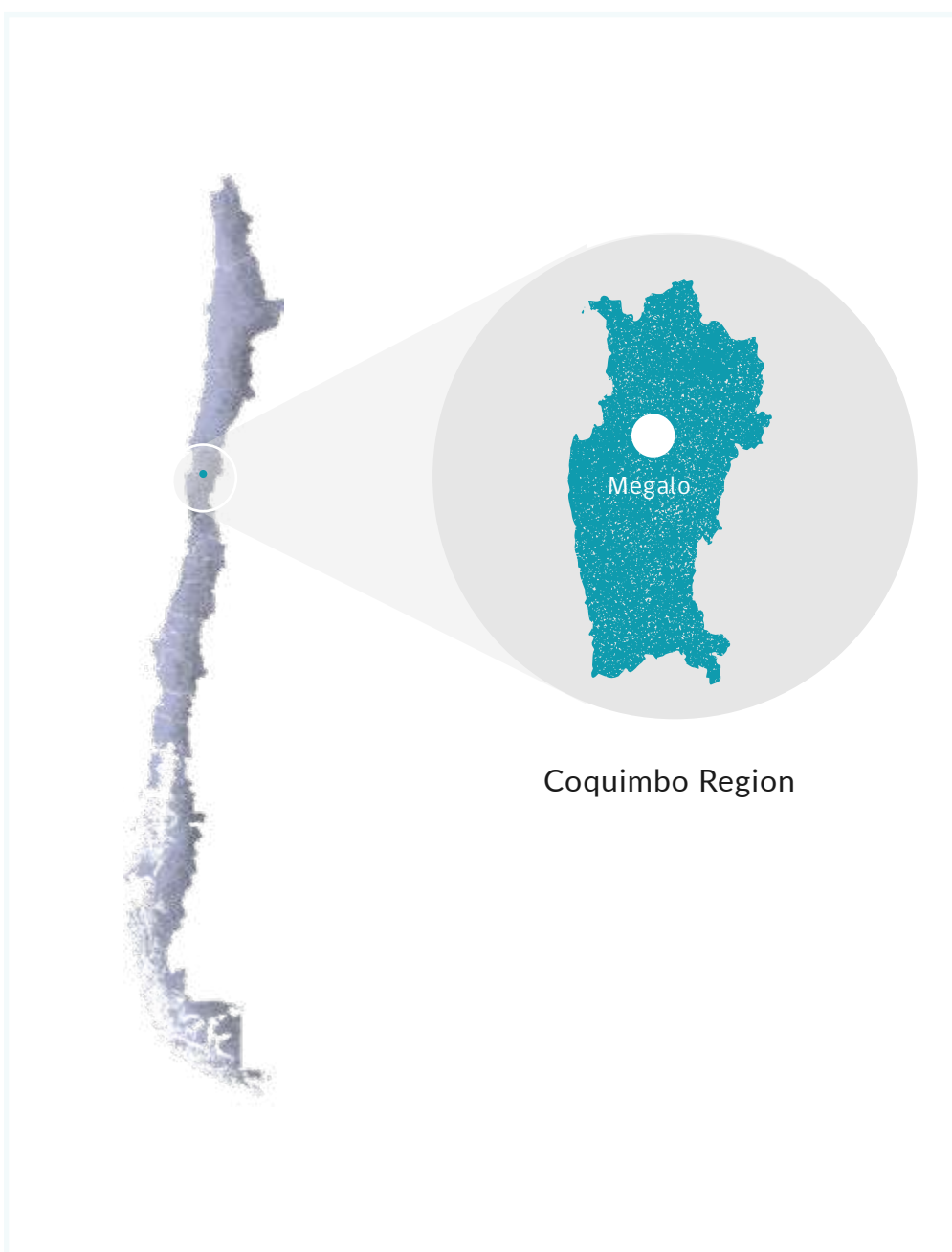
Geological potential >200 Mt.
Average grade: 0.5% Cu + Au + Mo.
Located in a Historic Mining District, where there is little small and medium scale mining development.
Close to mineral buying powers, ports and supply centers.

Objectives

Implement drilling plan (> 1,200 m) to:
Review geological model. First estimate of potential resources.

Relevant project geological information

Data Book of the deposit considers: rock and soil surface sampling database, with certified laboratory grades and part with drone topography, surface geology, geochemistry and analysis with Terraspec. In the surrounding area, there are properties belonging to important mining companies (Antofagasta Minerals, Sociedad Punta El Cobre SA (PUCOBRE), among others). This project presents breccias and porphyritic intrusives with disseminated mineralization and veins.



Coquimbo Region

Location

Located 18km from the town of Combarbalá and 175km from the city of La Serena, Coquimbo region.

Access

Year-round access on paved and stone aggregate roads in good condition.

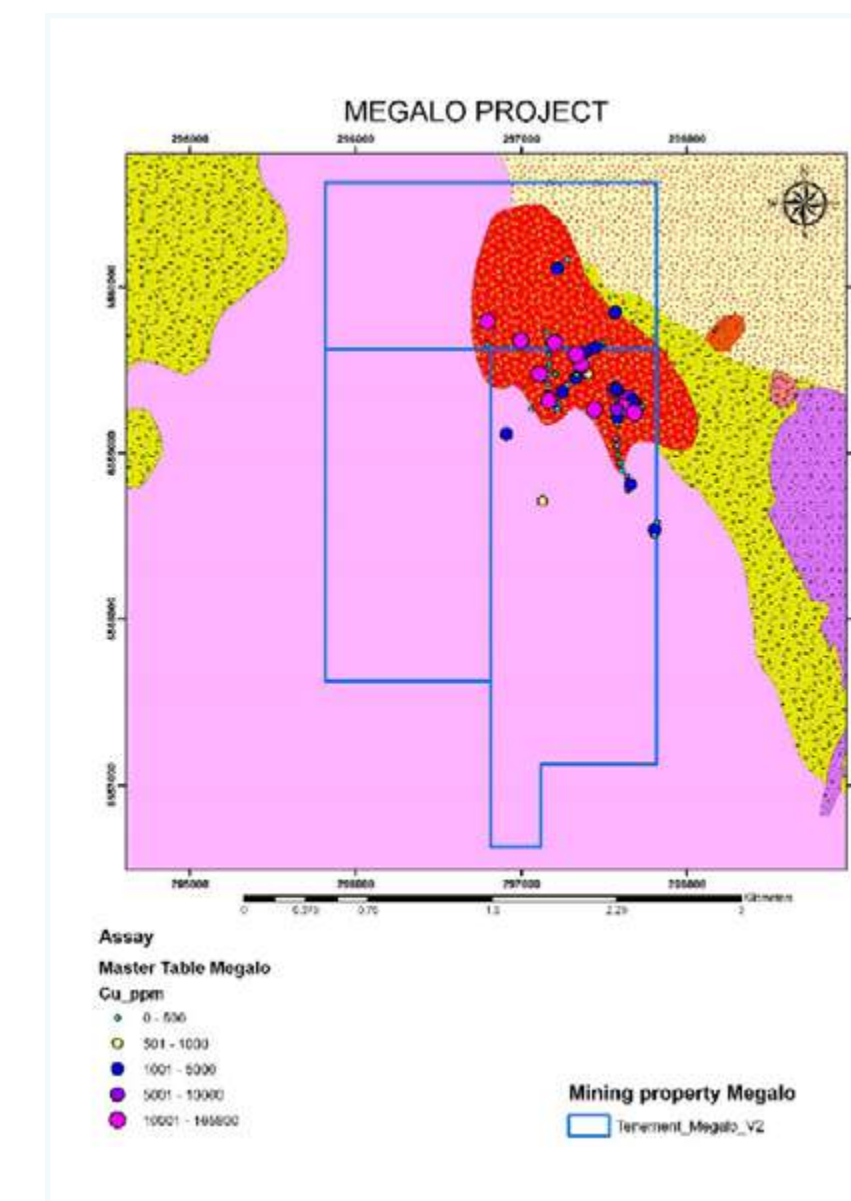


Target

- Cu Oxidized + Cu Enrichment Surface Zone.
- Sulphide Cu Surface Zone (Primary) and Enrichment Zone.

Description of Company/Economic Group

Group of exploration professionals focused on the development of exploration projects.



Contact: Igor Collado

@: igor.collado@gmail.com

Principal Shareholder

Igor Collado

Project Operator

Asesorías Geomineras SpA.

Basic Project Information

Cu porphyry with Au - Mo subordinate mineralization.

Type of resource to be extracted

Cu - Au - Mo

Deposit type

Porphyry of Cretaceous - Paleocene age.

Development stage

Basic exploration (Generative).

Property size

700 ha

Highlights

Geological potential >100 Mt.

Average grade: 0.5% Cu + Au + Mo.

Located in a Historic Mining District, where there is little small and medium scale mining development.

Close to mineral buying powers, ports and supply centers.

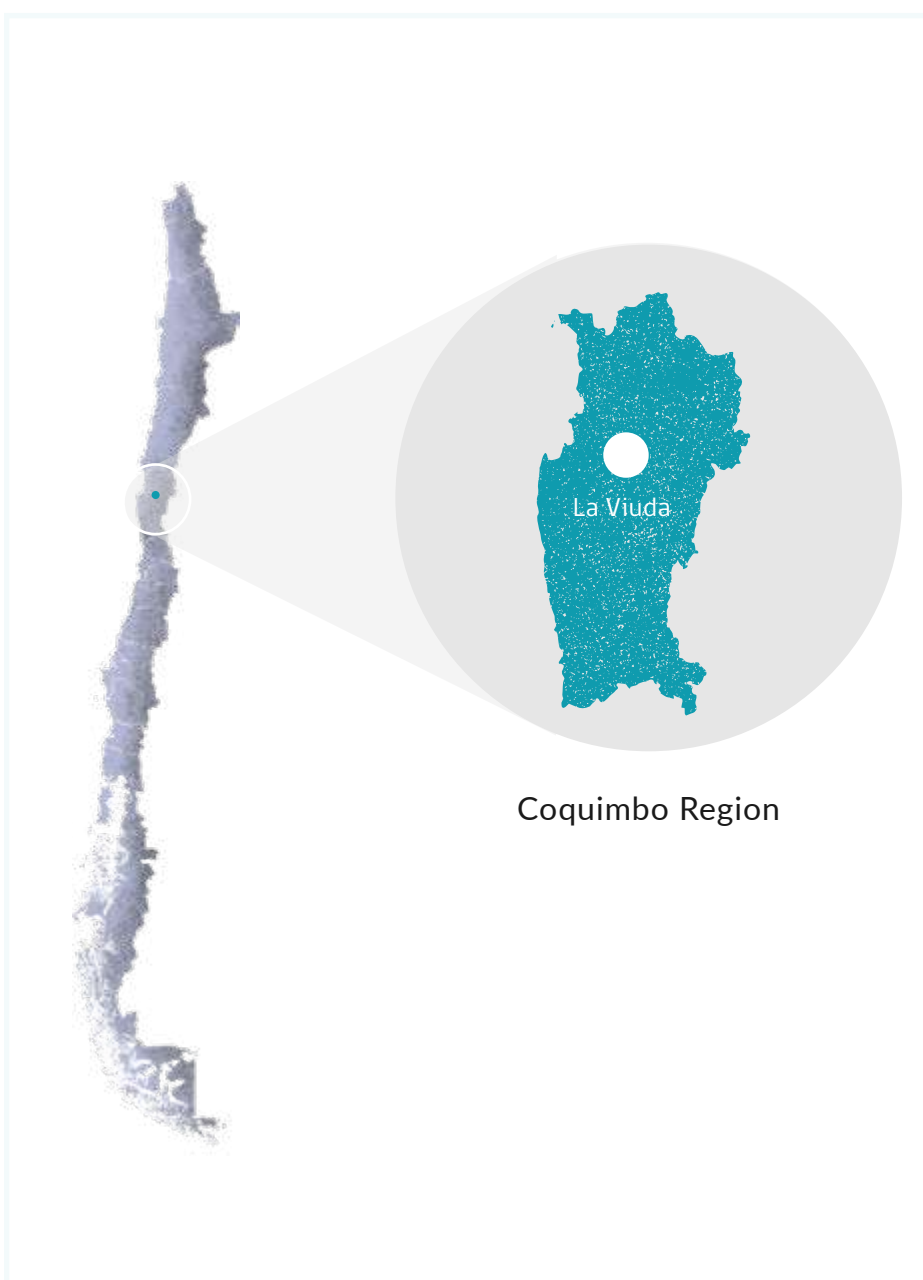
Objectives

Implement drilling plan (> 1,000 m) to: Review geological model. First estimate of potential resources.

Relevant project geological information

Data Book of the deposit considers: rock and soil surface sampling database, with certified laboratory grades and part with drone topography, surface geology, geochemistry and analysis with Terraspec. In the surrounding area, there are properties belonging to important mining companies (Antofagasta Minerals, Sociedad Punta El Cobre SA (PUCOBRE), among others).

This project presents breccias and porphyritic intrusives with disseminated mineralization and veins.



Coquimbo Region

Location

Located 10km from the town of Combarbala and 180km from the city of La Serena, Coquimbo region.

Access

Year-round access on paved and stone aggregate roads in good condition.

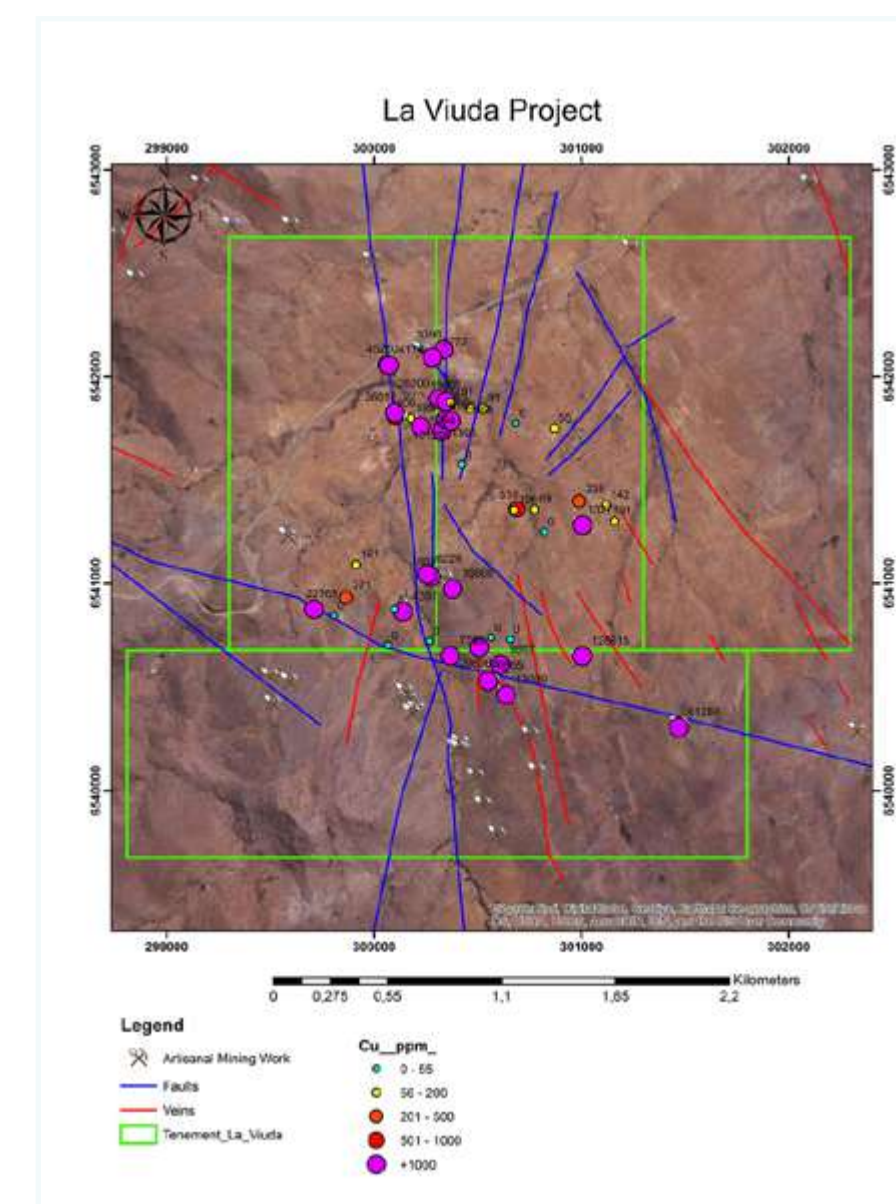


Target

- Cu Oxidized + Cu Enrichment Surface Zone.
- Sulphide Cu Surface Zone (Primary) and Enrichment Zone.

Description of Company/Economic Group

Group of exploration professionals focused on the development of exploration projects.



Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information

Cu porphyry with Mo subordinate mineralization.

Type of resource to be extracted

Cu - Mo

Deposit type

Pórfido de edad Cretácico - Paleoceno.

Development stage

Basic exploration (Generative).

Property size

10,000 ha

Highlights

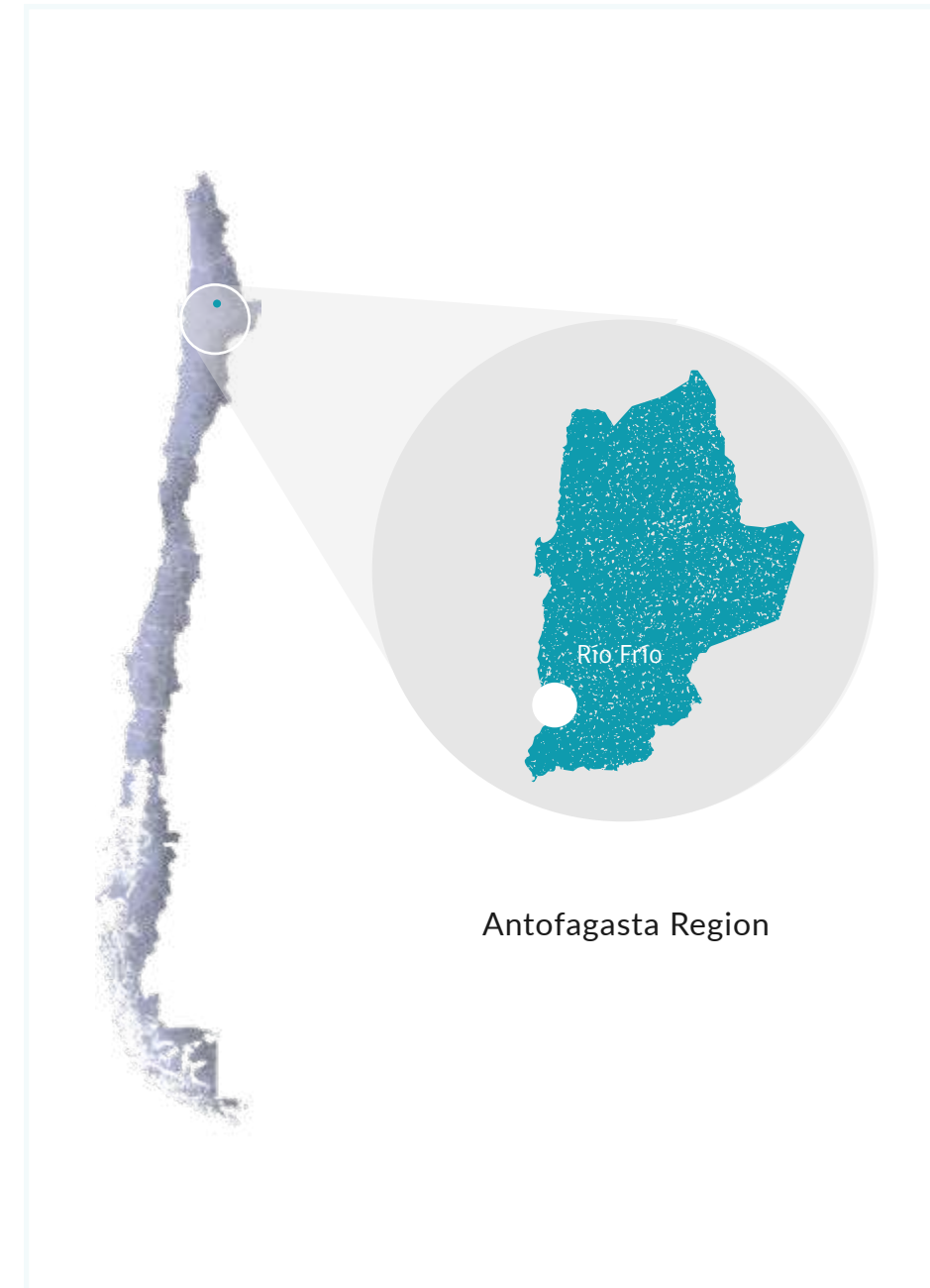
The predominant structural feature is characterized by north-south oriented reverse and normal faults that could correspond to the continuation of the western fault system at Chuquicamata.

Objectives

Implementar plan de Sondajes (> 1.000 m) para:
 Revisar modelo geológico.
 Primera estimación de recursos potenciales.

Relevant project geological information

Geological exploration in the area is of a generative nature, with a geological map, surface geochemical samples, aeromagnetic profiles and 23km of IP geophysical lines.



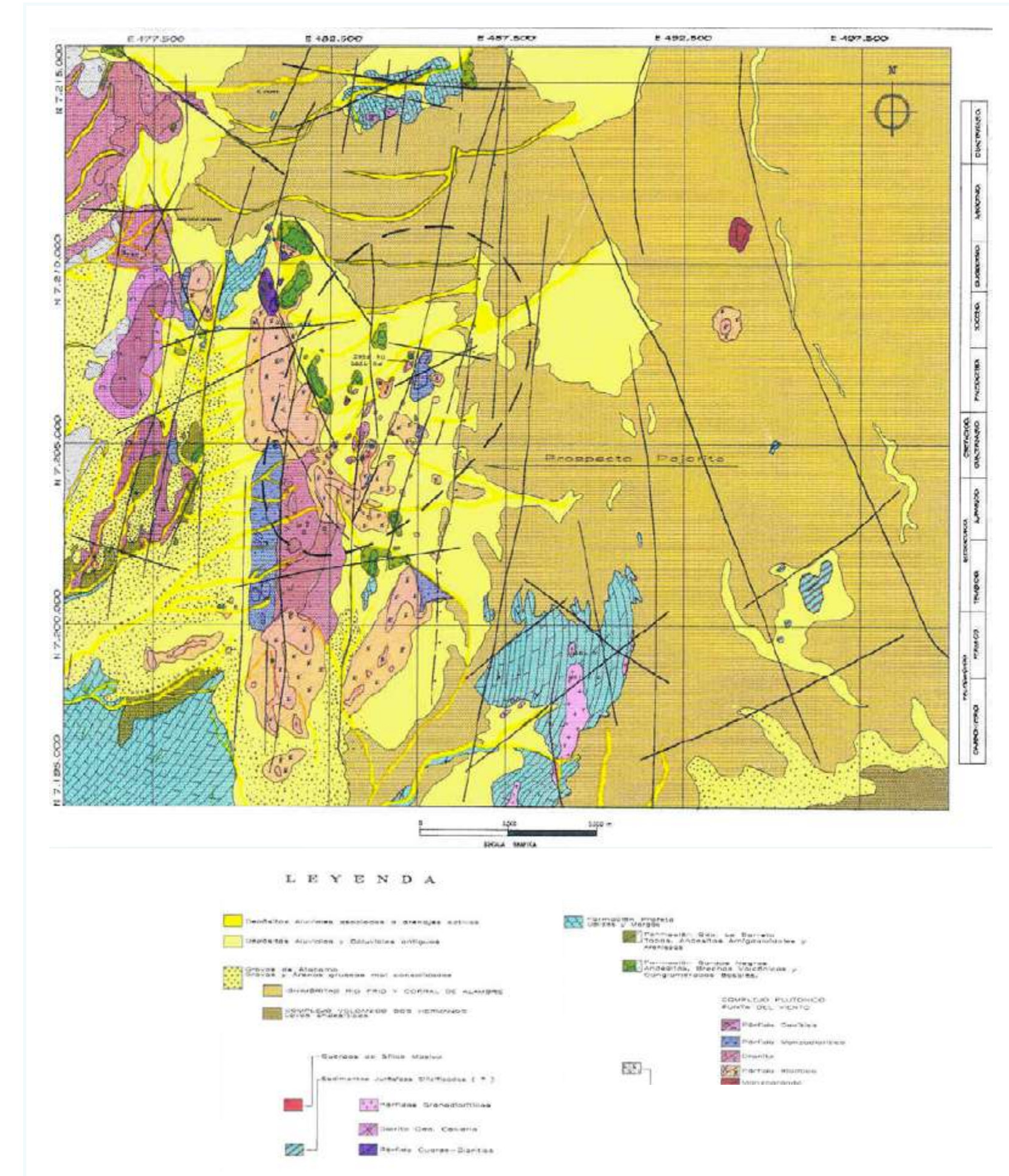
Antofagasta Region

Location

Located 191km east of Tal tal, Antofagasta region.

Access

Access through 90km of secondary roads from km 1,160 of route 5N.



Contact: Martin Engel

@: martin.engel.prieto@gmail.com

Principal Shareholder

Inversiones del Prado Ltda. e Inversiones Coihueco SpA.

Project Operator

SCM Minas del Prado

Basic Project Information

Epithermal.

Type of resource to be extracted

Au

Deposit type

Epithermal, late Tertiary - Quaternary age.

Development stage

Basic exploration (Generative).

Property size

414 ha

Highlights

A surface area of 200 to 300 m² is defined for exploration of a high tonnage, low grade gold deposit. The deposit has been the subject of several studies (José Frutos 1989, Ricardo Lagos Jaramillo 1988, Asarco 1981, Minera Phelps Dodge 1984, Jozef Ambrus 1980, BRGM Vincent and Boudet and Enami). The deposit has been exploited by quarrying and subway workings.

Objectives

Exploration program to measure more accurately the reserves and the potential of the deposit. With excavation of 800 m of galleries distributed in 4 sectors of the deposit.

Relevant project geological information

It has three DDH drill holes with a total of 429m oriented to recognize the Ramaznes, Rodemil Perez and Pique Palma sectors at depth. The mineralization is mainly in veins and veinlets of quartz, pyrite and limonite associated to hydrothermal breccia zones with abundant silicification and pyritization. It seems feasible to apply the model enunciated by Ambrus and defined by Frutos that characterizes the deposit as a dome or mushroom-shaped volcanic center that thins at depth.



Location

Located 53km east of the town of Chillan at 500masl in the foothills of the northern foothills of the Alto del Padre mountain, Coihueco, Ñuble region.

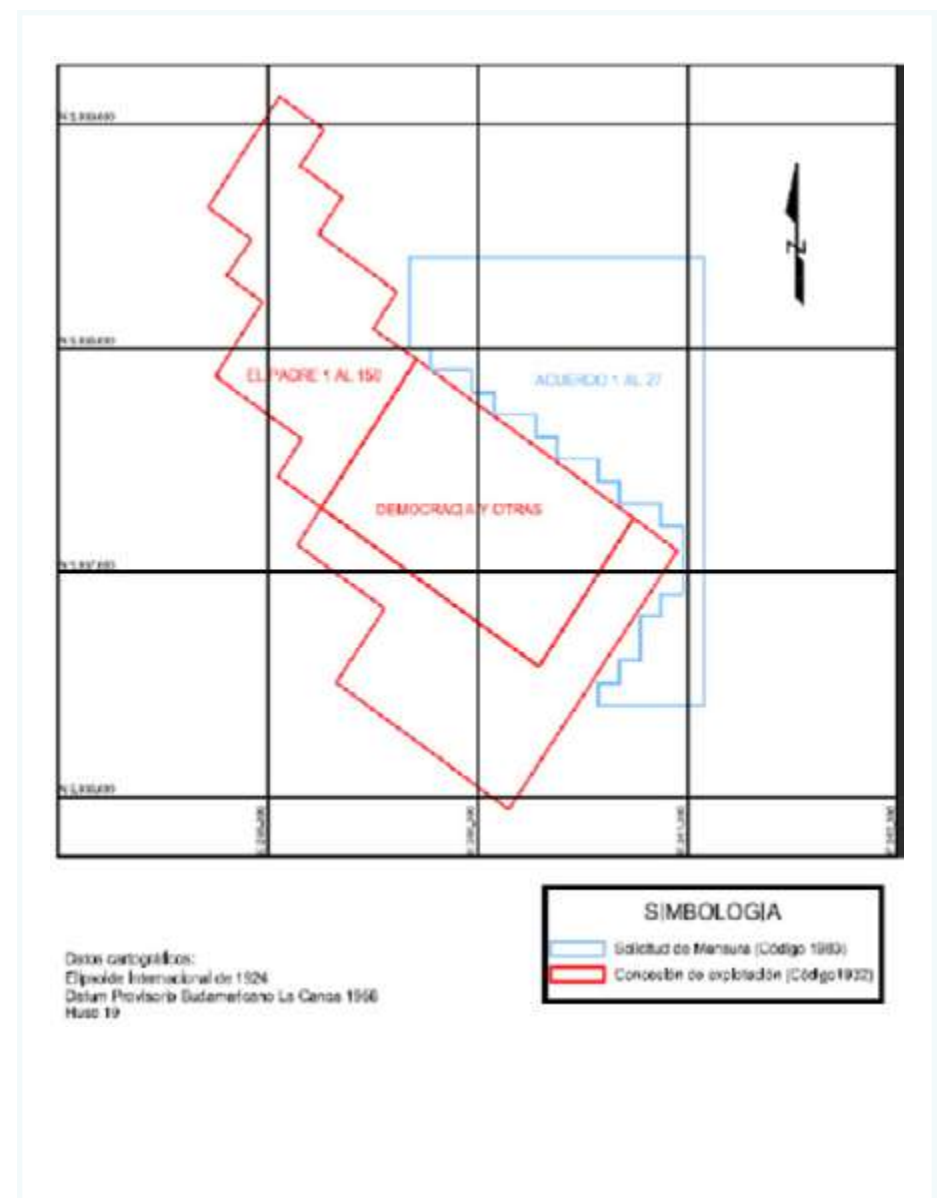
Access

Access by rural and forest roads all year round, from Chillan 26km to Coihueco by paved road and then 27km by dirt road to the town of Minas del Prado.



Target

- Ramazones Quarry. Presence of intensely silicified hydrothermal breccia with a high density of veinlets, where a stock work has developed in the breccia and in the agglomerate. A mineralized zone has been recognized down to 50 m depth.
- Rodemil Perez vein. To the SW of the vein zone.
- San Lorenzo sector. Vein up to a little more than 1 m thick, included as a zone of composite veinlets in the hydrothermal breccia. Shallow oxidized part and SW extension of the San Lorenzo vein zone. 20,000 t grading 3 gr/t.
- Pique Palma. Mineralization associated with NS vetiform body parallel to andesitic dyke that shows great continuity and outcrops to the W of the Ramazones quarry.



Contact: Thomas Eggers

@: teggers@kuraminerals.com

Form of Financing

Private Funds

Project Operator

Kura Minerals

Principal Shareholder

Kura Minerals

Basic Project Information

High sulphidation epithermal Au.

Type of resource to be extracted

Au - Cu

Deposit type

Epithermal, Paleocene age.

Development stage

Basic exploration (Generative).

Property size

800 ha

Highlights

Deposit between the Spence and Cerro Colorado copper mines (BHP) and S of the Challacollo silver deposit (Mandalay Resources). Sampling of native S and coquimbite indicates fluid precipitation at pH 0.8 - 1.5, suggesting ideal preparation conditions for Au deposition.

Project Description

Semicircular sub-volcanic form with dimensions 2km x 1km, delimited by a siliceous-clay alteration zone. Fire assays show results of 0.65g/t Au.

Relevant project geological information

It presents several ancient excavations. Highly altered multi-stage dome complex with silica-clay and intense limonites. Sigmoidal structure with radial geometry in the center determining the circulation of hydrothermal fluid (alteration). Evidence of native S - columbite and mineralized structures with old mine workings. Epithermal occurrence of Au vein reported as small scale mine operation.

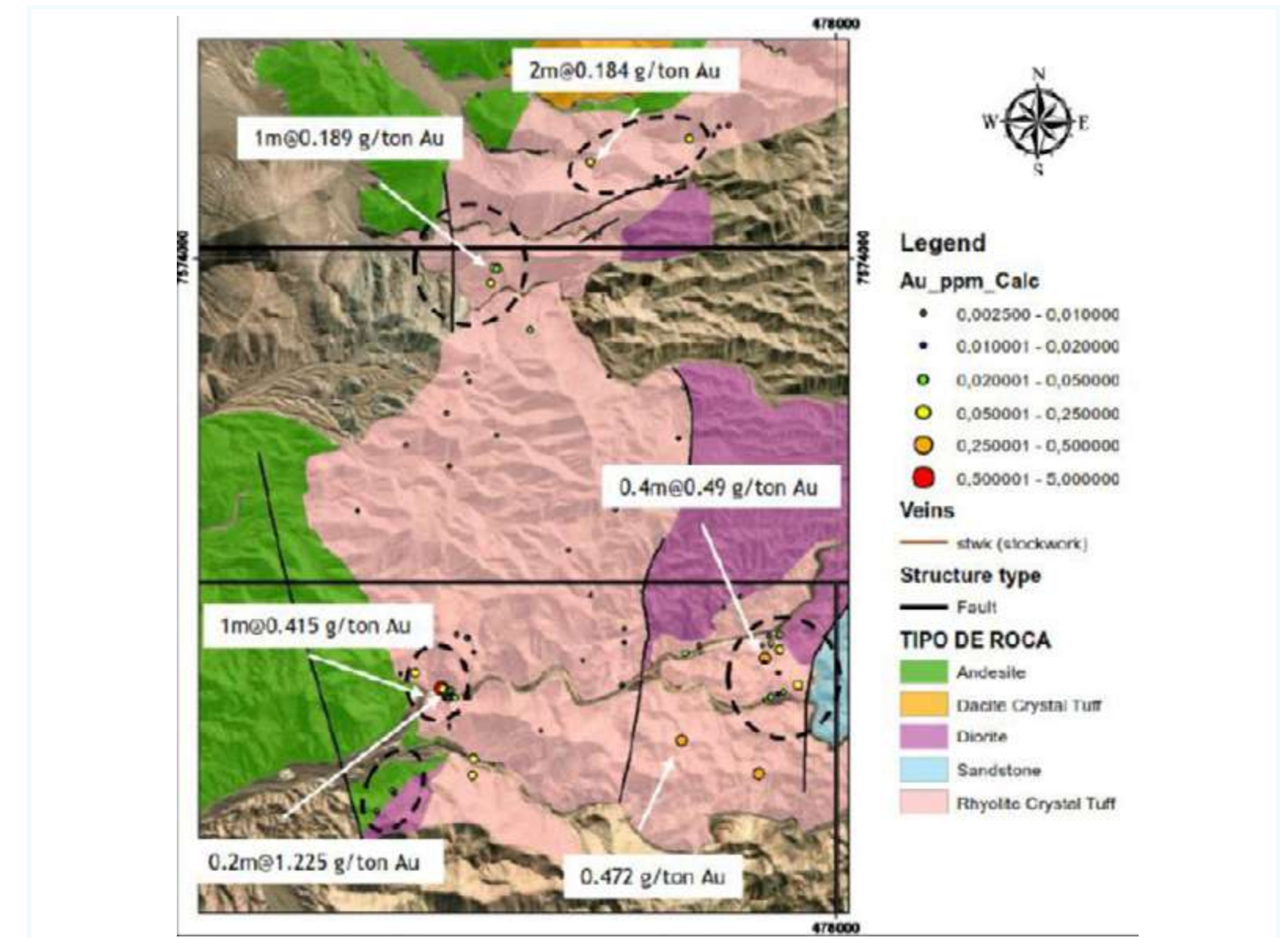


Location

Located in the foothills of the Sierra Moreno, 65km northwest of the city of Calama, Antofagasta region.

Access

Access is easy all year round by the Calama - Tocopilla route, paved route 24. At km 74 take a detour to the NW along a gravel road in good condition through the pampas until you reach the project area.





Basic
**FOLLOW-UP
EXPLORATION
PROJECTS**

Contact: Álvaro Cruz / acruz@galgocapital.cl
Nicolás Bañados / nbanados@galgocapital.cl

Form of Financing

Private Funds.

Project Operator

Minera Bornita SpA.

Principal Shareholder

Inversiones Hualtatas SpA.

Basic Project Information

Cu porphyry with Mo mineralization.

Type of resource to be extracted

Cu - Mo

Deposit type

Disseminated of Paleocene age.

Development stage

Basic exploration (Follow-up).

Property size

3,300 ha

Highlights

Potencial geológico >500 Mt.
Ley media: 0,5% Cu Eq (Mo).

Objectives

Deep drilling (>500 m) throughout the structural corridor.

Relevant project geological information

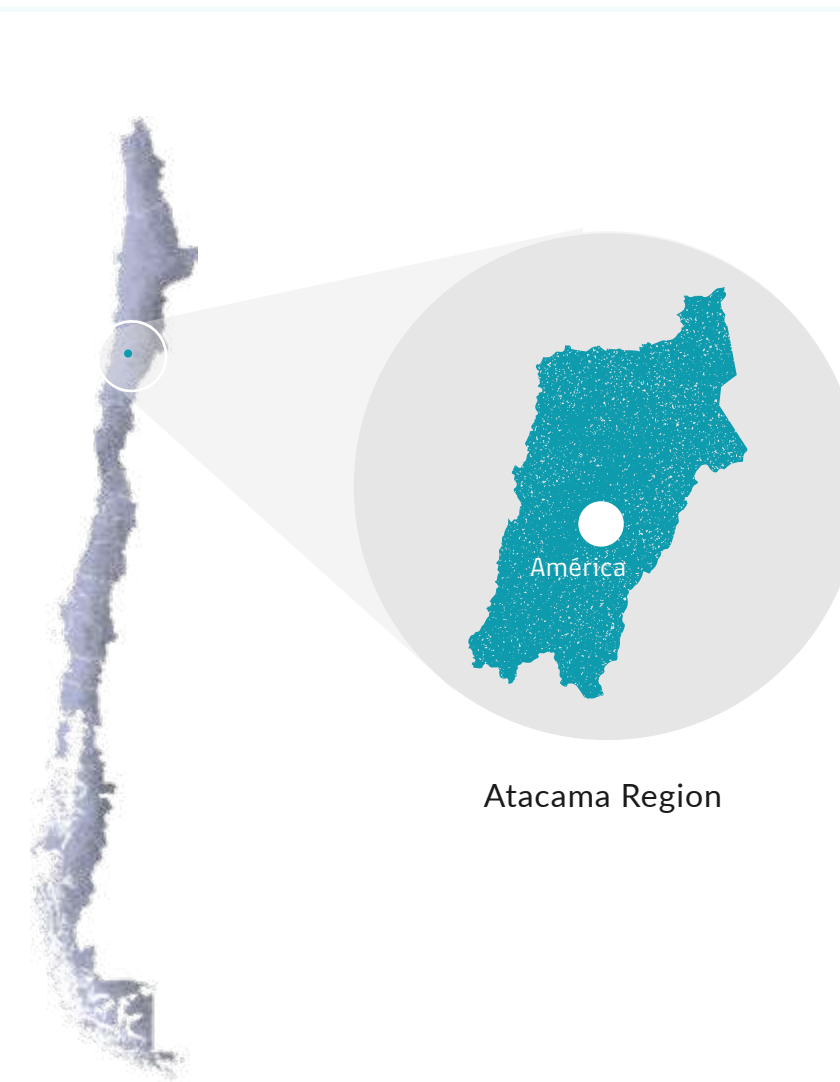
Geology, geochemistry, magnetometry, IP and drill hole information DDH 3,907 m. Structural corridor of alteration and mineralization of about 4.5 km in NW direction. With plenty of room for further drilling.

Description of Company/ Economic Group

Group of professionals focused on the development of mining projects.

Best Drilling Intercept

42m @1352ppm Cu / 128ppm Mo.



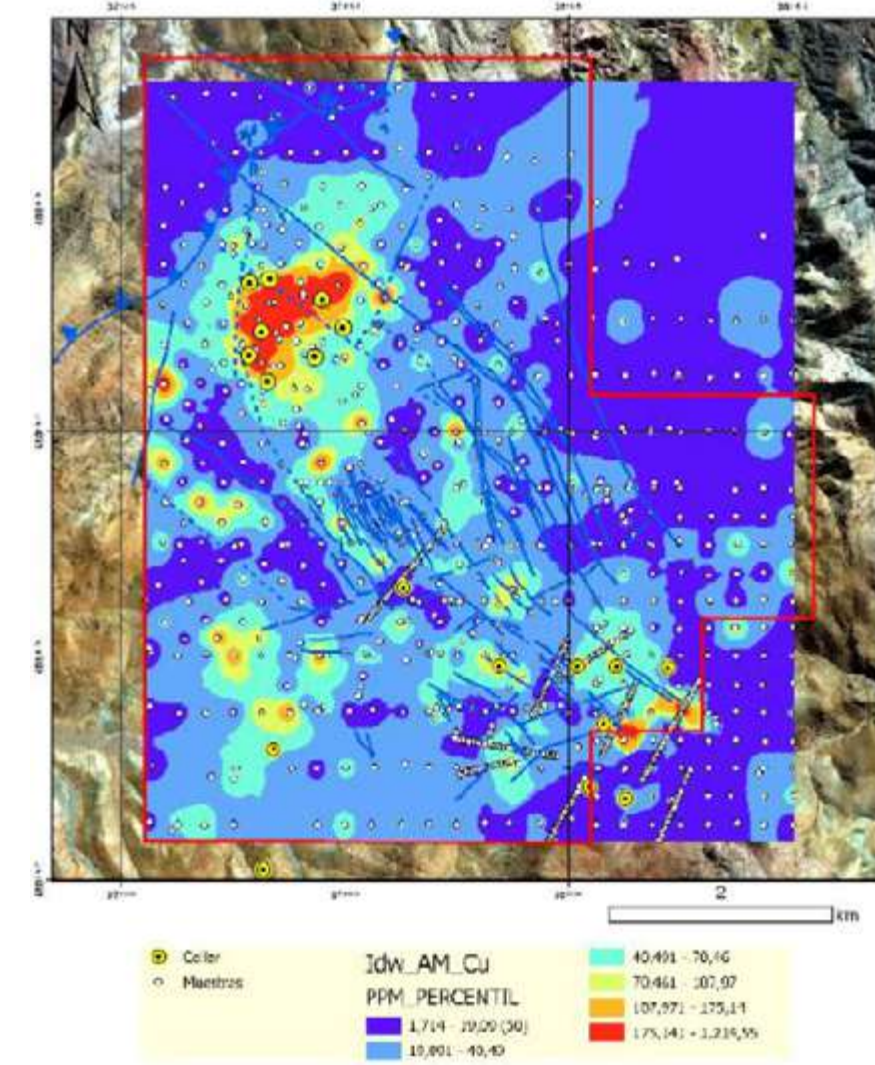
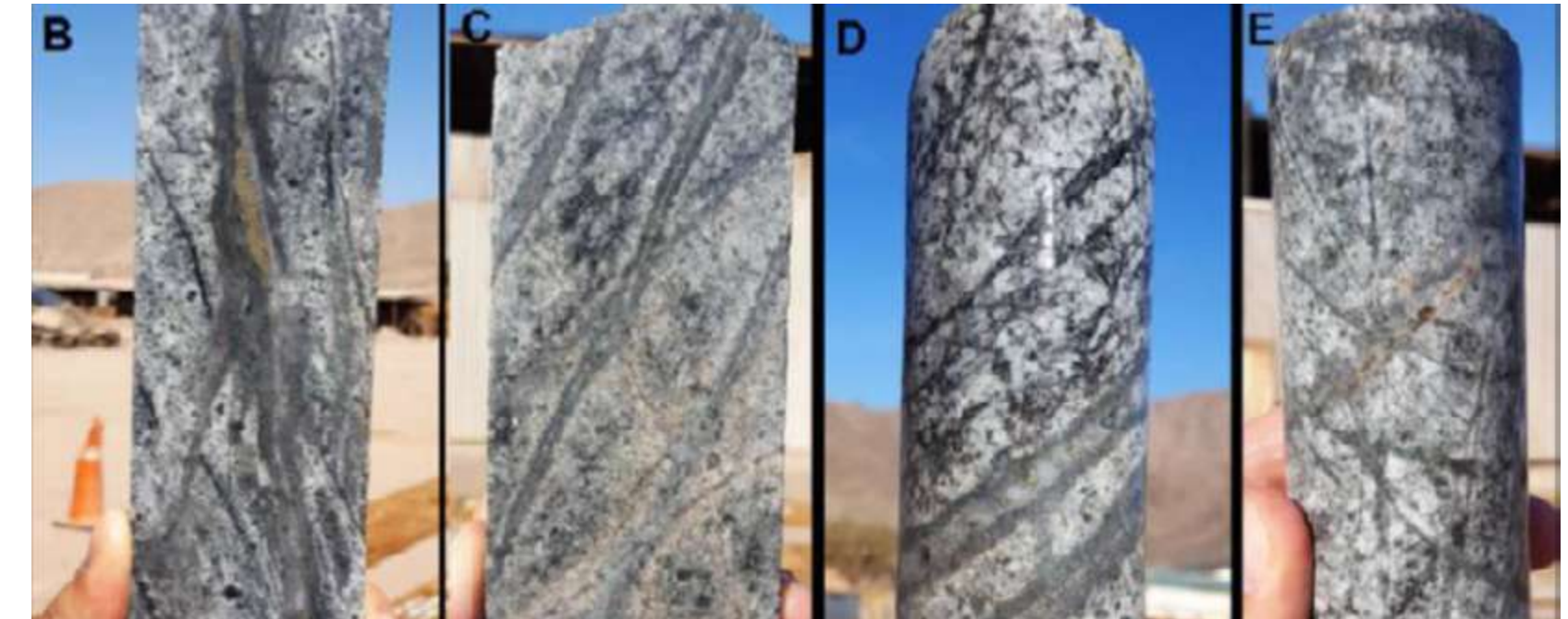
Atacama Region

Location

Located 85km southeast of the city of Copiapó, Atacama region.

Access

Year-round access on gravel roads.



Contact: Álvaro Cruz / acruz@galgocapital.cl
Nicolás Bañados / nbanados@galgocapital.cl

Form of Financing
Private Funds

Project Operator
Minera Bornita SpA.

Principal Shareholder
Inversiones Hualtatas SpA.

Basic Project Information
Cu porphyry with Mo - Au subordinate mineralization.

Type of resource to be extracted
Cu - Mo - Au

Deposit type
Disseminated of Eocene-Oligocene age.

Development stage
Basic exploration (Follow-up).

Property size
9,900 ha

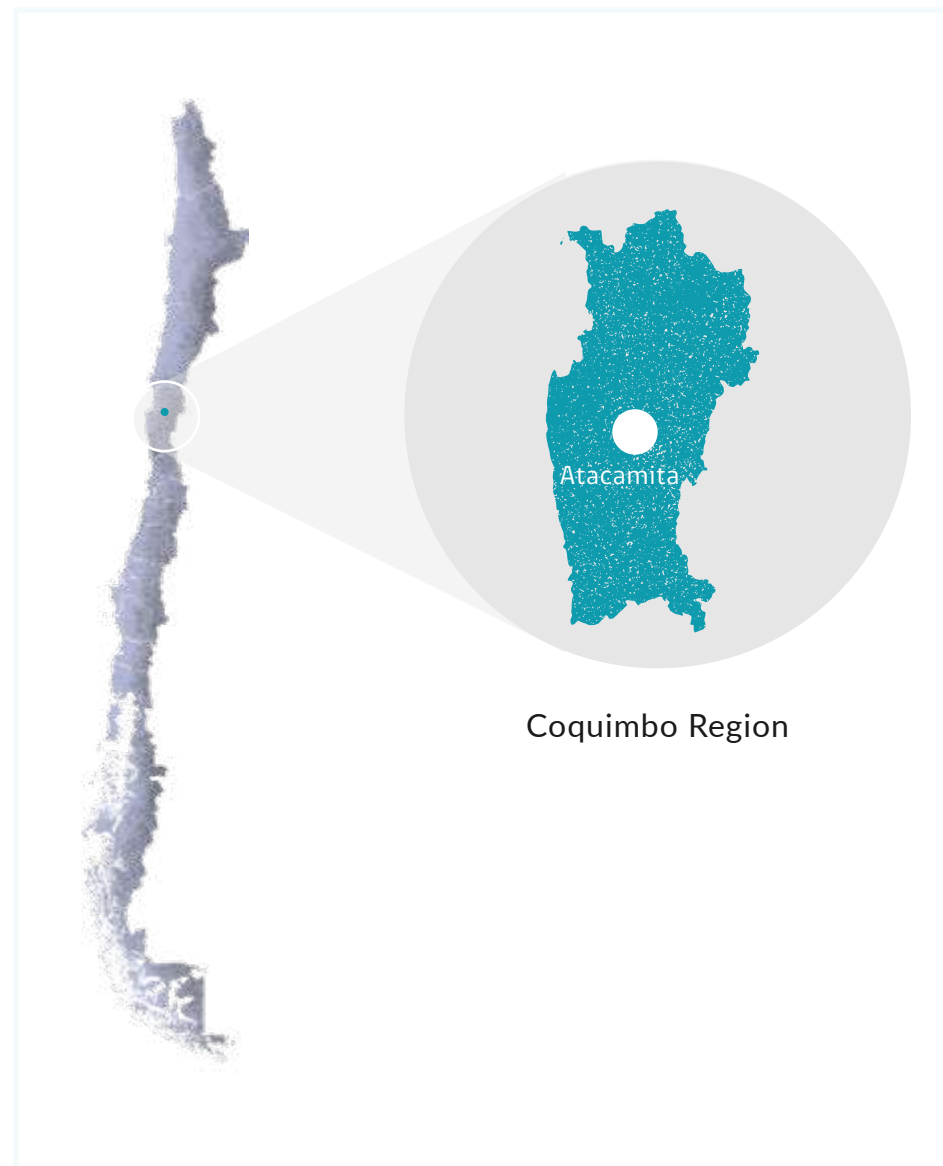
Objectives
US\$1 million investment in a short campaign to test the most attractive target in Atacamita.

Relevant project geological information
Geology, geochemistry, magnetometry, IP and drill hole information DDH 4,903 m.
There is an important 1x1 area with mineralization (OxCu) exposed at surface, last target encountered, no drill holes yet.

Description of Company/ Economic Group
Group of professionals focused on the development of mining projects.

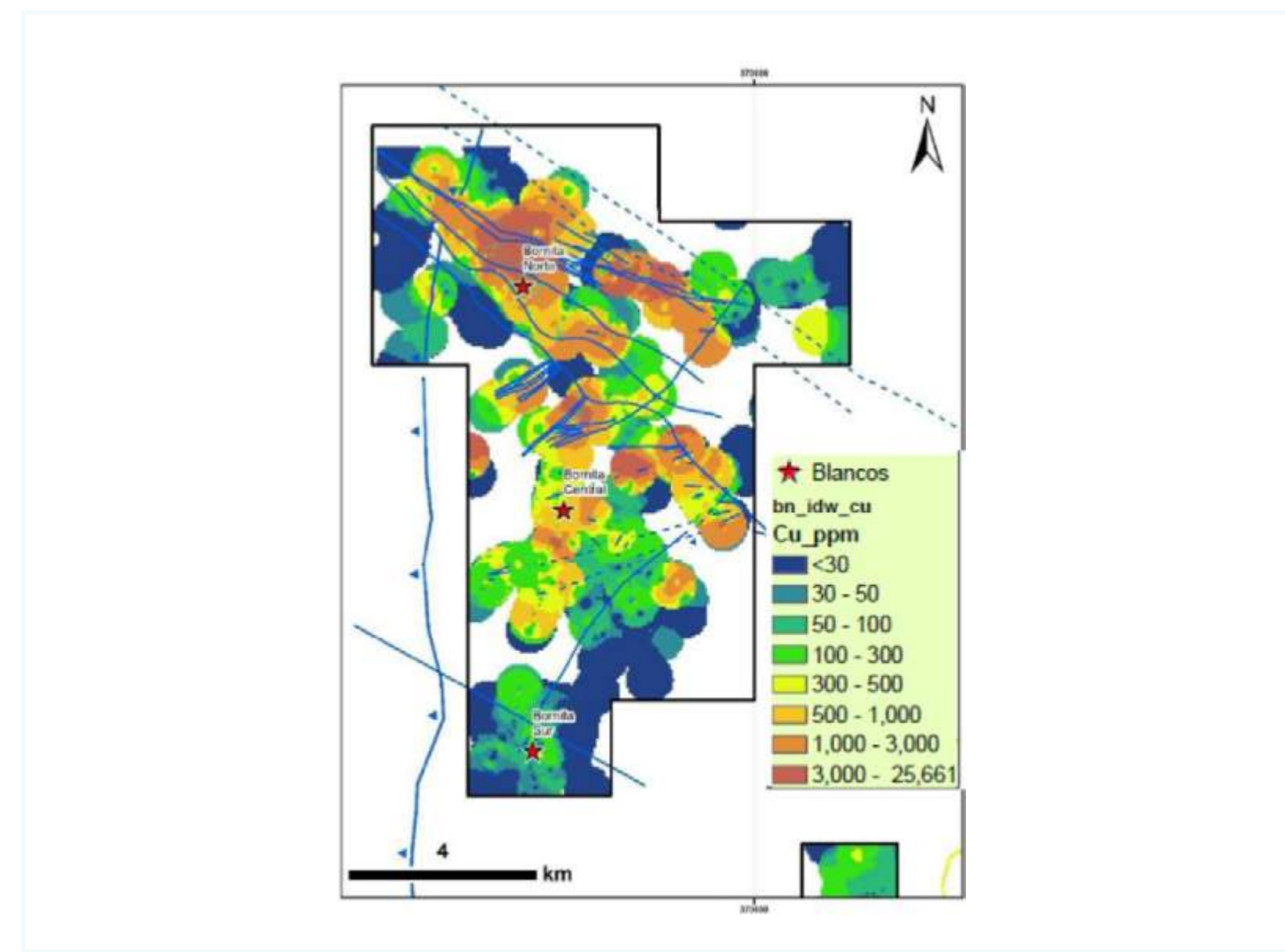
Highlights
Geological potential >1Bt
Average grade: 0.7% Cu Eq (Mo-Au).

Best Drilling Intercept
Bor-01 (50-58m @3906ppm Cu / 71ppm Mo).
Bor-05 (228-256m @1556ppm Cu / 70ppm Mo).



Location
Located in the foothills in the municipality of Monte Patria, 120km southeast of the city of Ovalle and 45km east of the town of Tulahuen, Coquimbo region.

Access
Seasonal access (September to March), on trails and on horseback.



Contact: Álvaro Cruz /acruz@galgocapital.cl
Nicolás Bañados /nbanados@galgocapital.cl

Form of Financing

Private Funds.

Project Operator

Minera Bornita SpA.

Principal Shareholder

Inversiones Hualtatas SpA.

Basic Project Information

Disseminated Cu - Mo - Au mineralization.

Type of resource to be extracted

Cu - Mo - Au

Deposit type

Disseminated of Miocene age.

Development stage

Basic exploration (Follow-up).

Property size

900 ha

Description of Company/Economic Group

Group of professionals focused on the development of mining projects.

Objectives

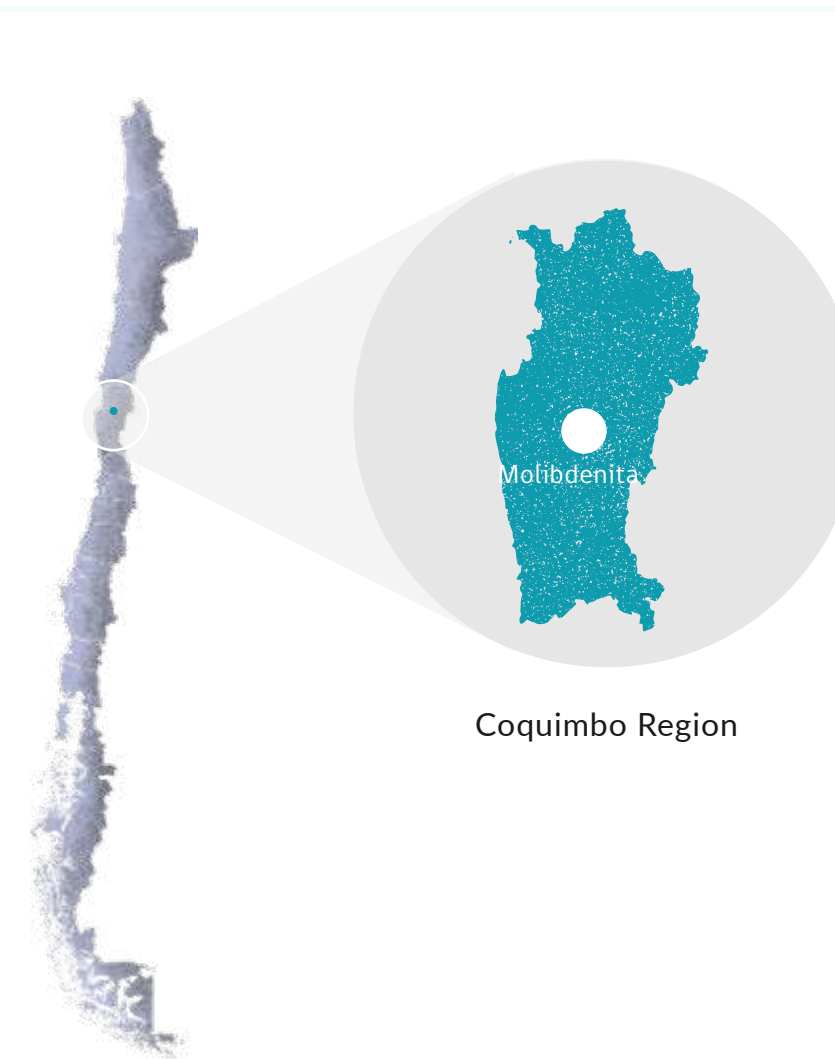
Invertir US\$1M en una campaña corta para testear el blanco mas atractivo en Atacamita.

Relevant project geological information

Geology, geochemistry, magnetometry, IP and drill hole information 1,238 m.

Highlights

Geological potential >1Bt.
Average grade: 0.7% Cu Eq (Mo-Au).

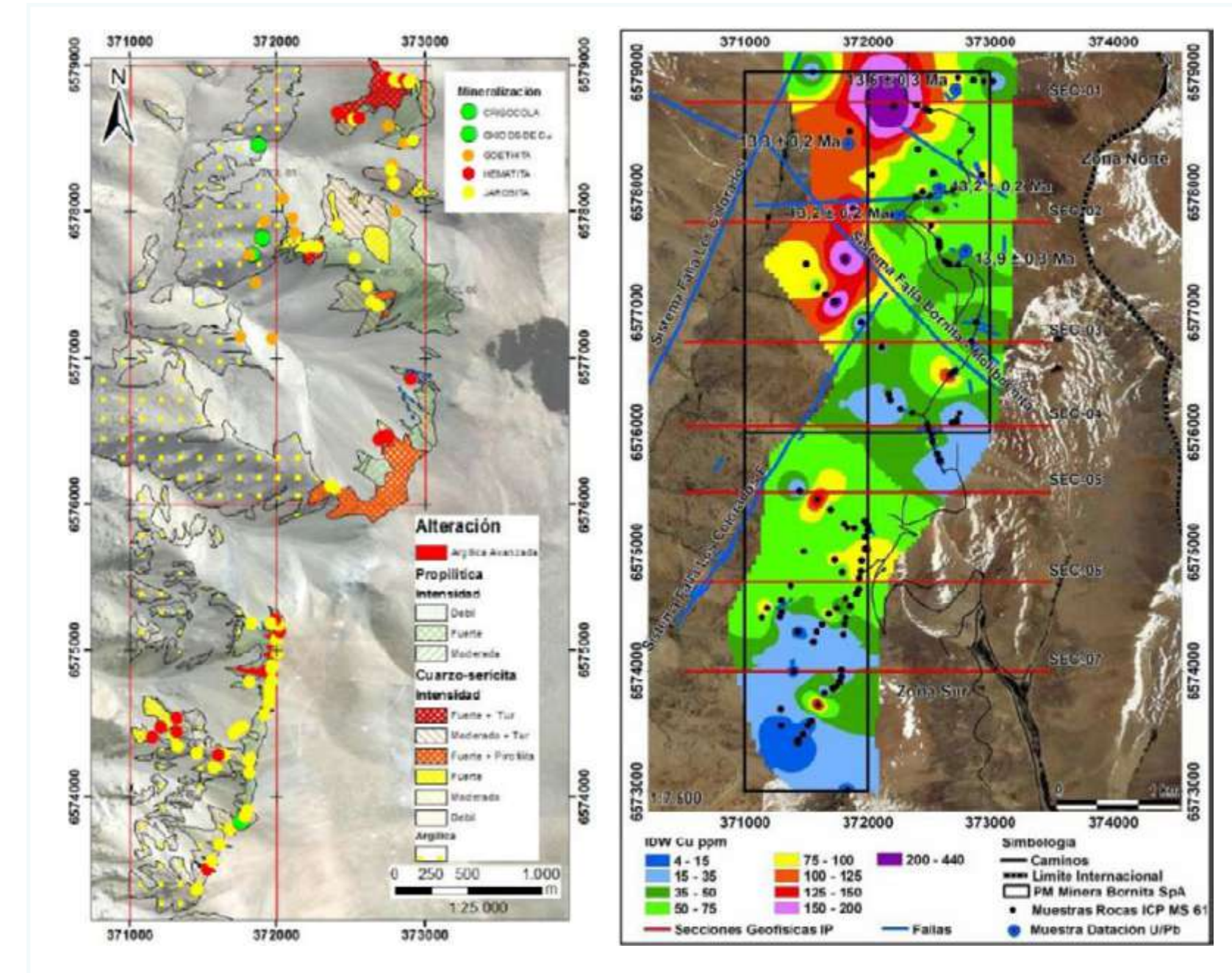


Location

Located in the foothills of the Monte Patria district, 128km southeast of the city of Ovalle and 48km east of the town of Tulahuén, Coquimbo region.

Access

Access by season (September to March), by secondary road.



Contact: Javier Díaz

@: javdiazs79@gmail.com

Form of Financing

Private Funds.

Project Operator

Inversiones America SpA.

Principal Shareholder

Inversiones America SpA.

Basic Project Information

Cu stratiglate with Ag subordinate mineralization.

Type of resource to be extracted

Cu - Ag

Deposit type

Stratiglate of Triassic - Jurassic age.

Development stage

Basic exploration (Follow-up).

Property size

1,400 ha

Highlights

The project is adjacent to the Amolanas Mine, currently in production (>10,000 tons per month).

Description of Company/ Economic Group

3 geologists, with more than 70 years of experience in economic geology (exploration and production), focused on the search for new discoveries.

Objectives

8 drill holes of about 200m depth. Previous detailed mapping (stratigraphic/ structural).

Relevant project geological information

Prospective geological mapping at a scale of 1:10,000; 273 geochemical rock chip samples; 31 petrocalcographic studies; 3 geochronological studies; 17 linear km of IP geophysics and drone magnetometry. In target definition of >1 km x 1 km. It presents Cu - Ag vetiform and Cu - Ag mantiform systems.

Target

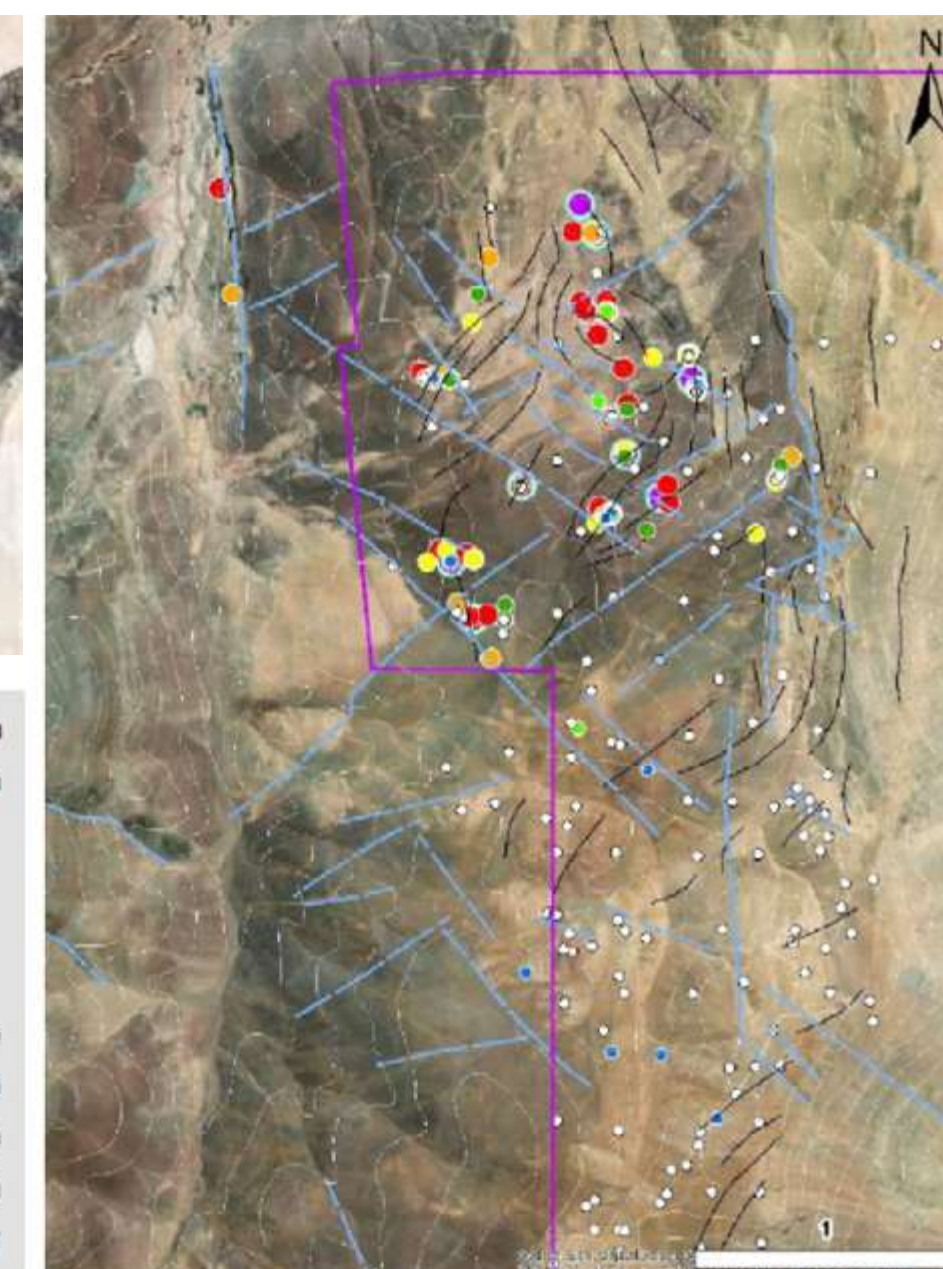
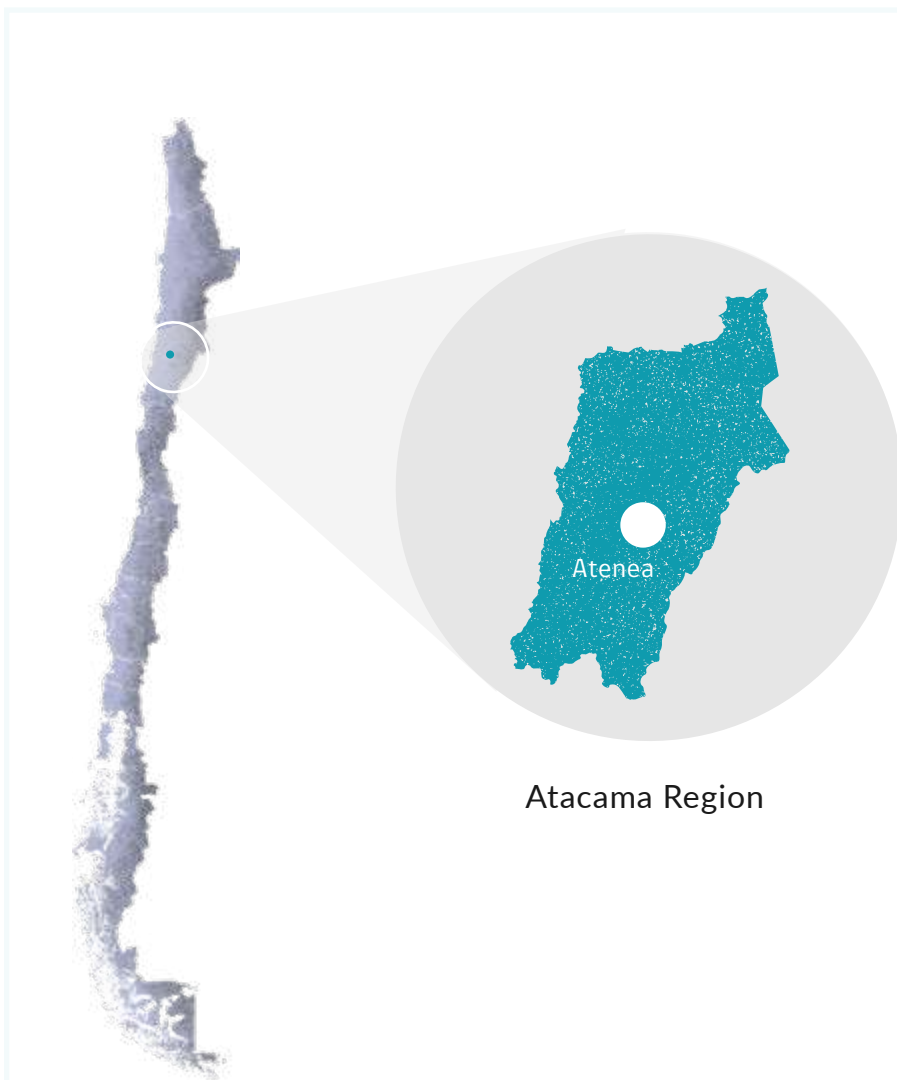
- Mineralized zones at surface (OxCu), associated with conductive zones at depth.
- Volcanic tuffs or breccias, with intense leaching (OxFe-sulfides), over a strong chargeable zone.

Location

Located 90km south of the town of Tierra Amarilla, Tranque Lautaro sector, east of the Cerro Blanco district, Atacama region.

Access

Expedited access all year round, maintained by "Minera Amolanas".



Contact: Alamiro San Francisco Vera

@: asfcomin@gmail.com

Project Operator

Cía. Minera Campanario Minerals Ltda.

Basic Project Information

Mesothermal Cu vein with Au subordinate mineralization.

Type of resource to be extracted

Cu - Au

Development stage

Basic exploration (Follow-up).

Property size

100 ha

Highlights

The vein has a N30°W/55°W orientation, located in a regional structural train of similar direction, with a variable width of 19m - 30m, where the "La Cocinera" mine is also located. There have been 29 drill holes (DDH-RC) with a total amount of 3,732m, with magnetometry analysis and three IP lines perpendicular to the main structure. During 2011, 1640 tons were mined with a grade of 1.9% soluble Cu (Enami).

Objectives

For sale.

Relevant project geological information

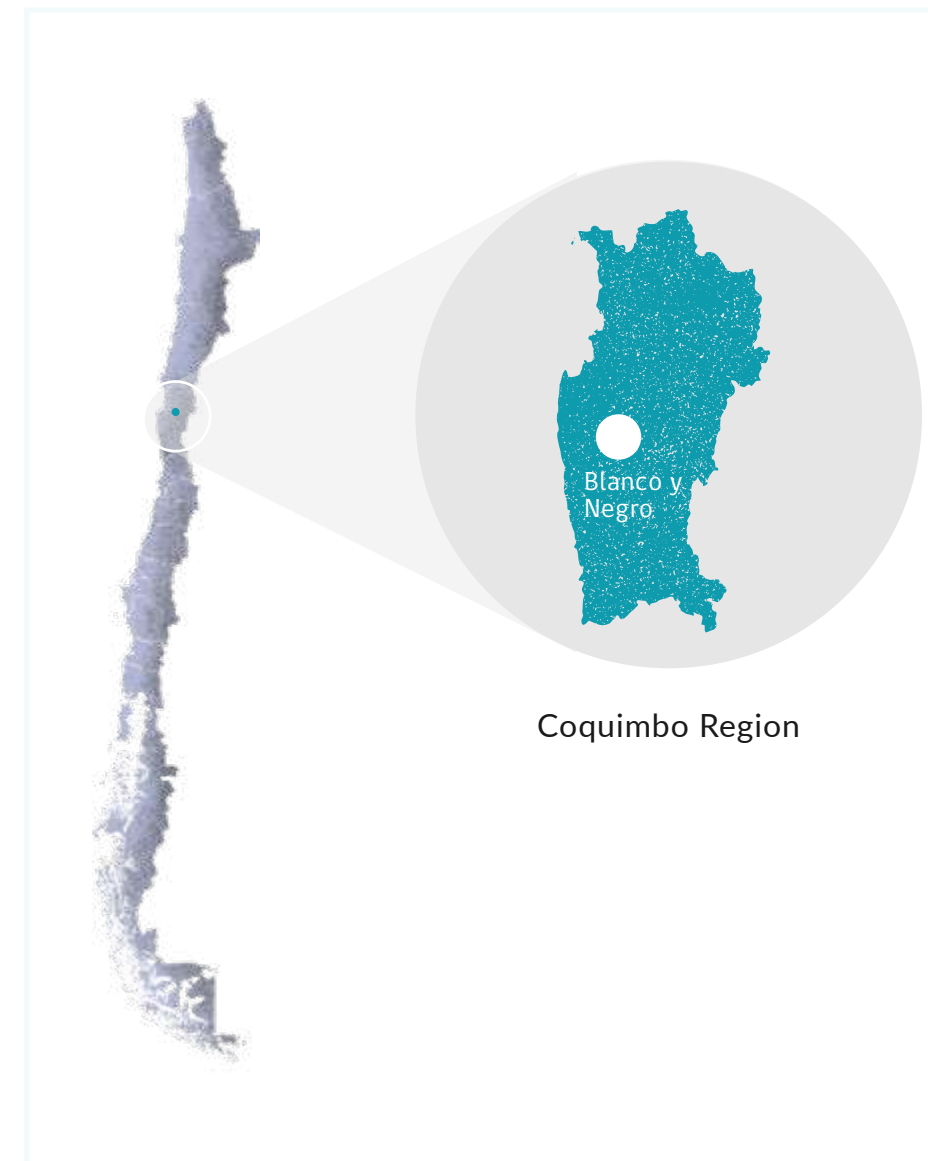
Project with measured and indicated resources in the market sale stage. During 2012, geological mapping of the area and two diamond drill holes were carried out, while in 2013 - 2014 reverse air and diamond drill holes were drilled.

Best Drilling Intercept

19.45m @2.04%Cu / 1.06 g/t Au / 550ppm Mo.

Resource Estimates

1.5 Mt@ 1.4% Cu / 0.5 g/t Au.
20,000 ton Cu, 24,000 oz Au.

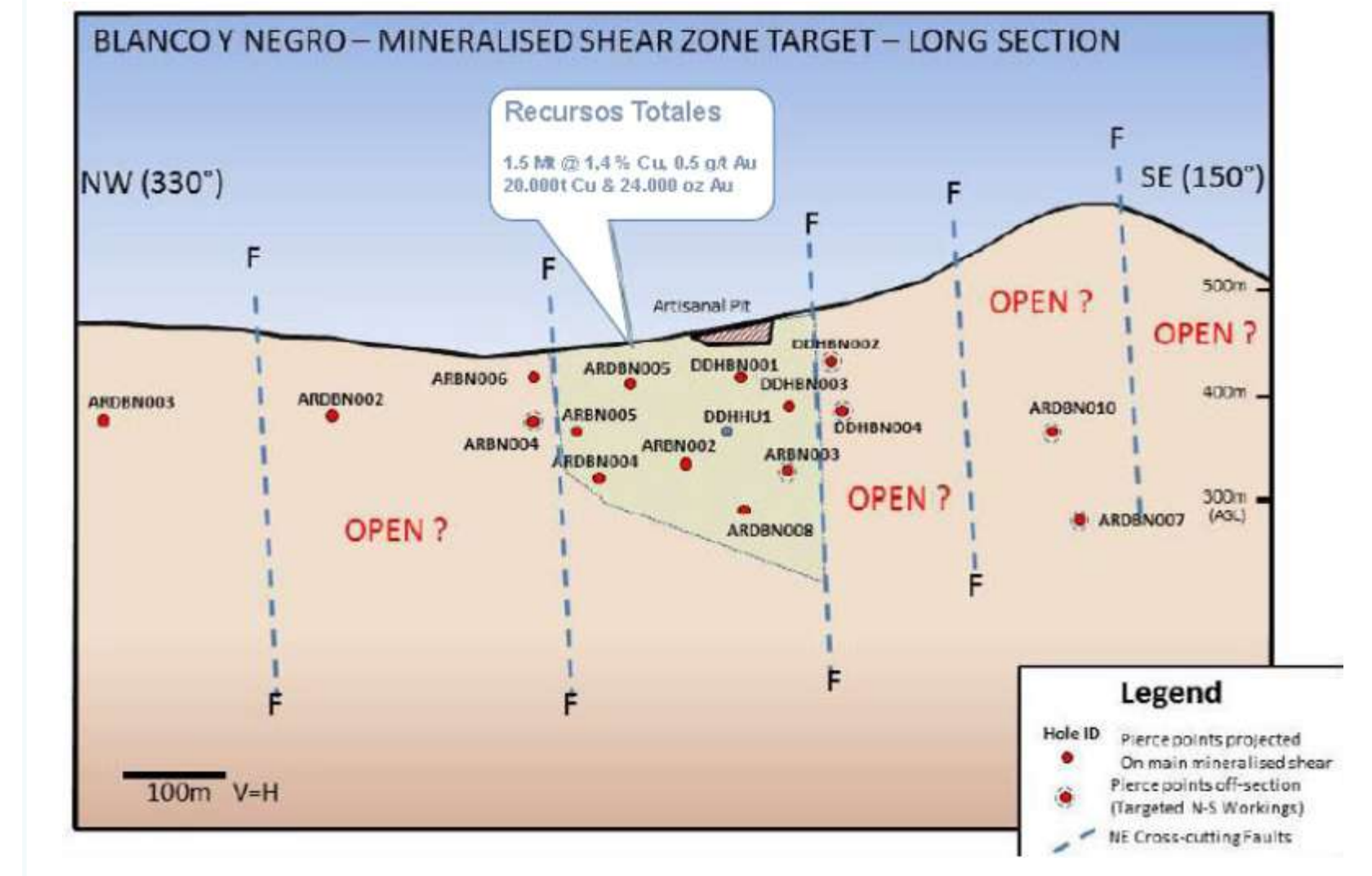


Location

Located 14km southeast of the city of Ovalle, Coquimbo region. This prospect is located at an average altitude of 450 meters above sea level.

Access

Year-round access by paved and dirt roads.



Target

- Information on geophysical magnetometry and IP, drilling and rock geochemistry.

Description of Company/ Economic Group

Company focused on the mining business.



Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information

Cu porphyry with Mo subordinate mineralization.

Type of resource to be extracted

Cu - Mo

Development stage

Basic exploration (Follow-up).

Property size

10,100 ha

Additional Comments

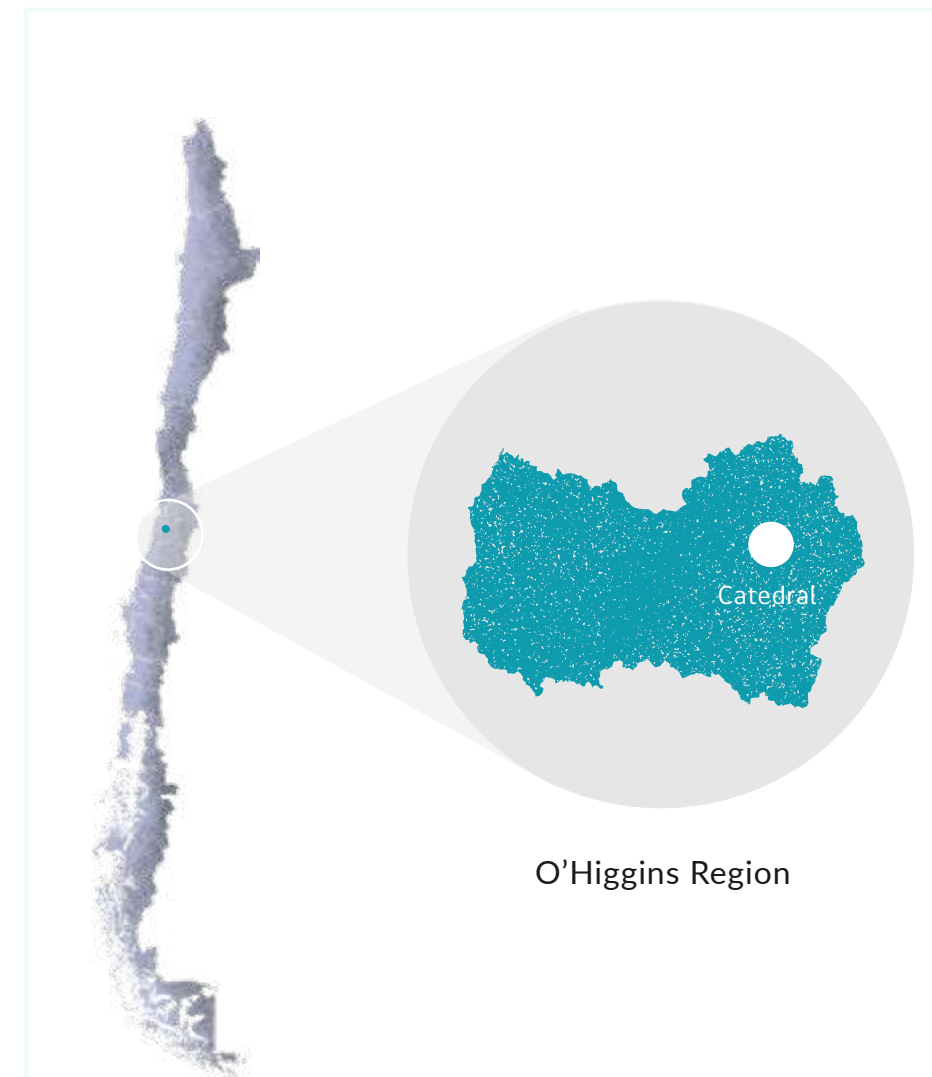
Previous studies and analyses are not entirely conclusive given the limited field time to obtain samples and the difficulty in accessing them. Therefore, there is a lot of room for exploration.

Relevant project geological information

It has documented hydrothermal alterations associated with a copper porphyry (potassic alteration). Intrusive units of similar age to those observed at El Teniente, which is only 20 km away, have been described.

Highlights

The four drill holes, totaling 1,247m, survey the entire area of interest to an average depth of 250m.

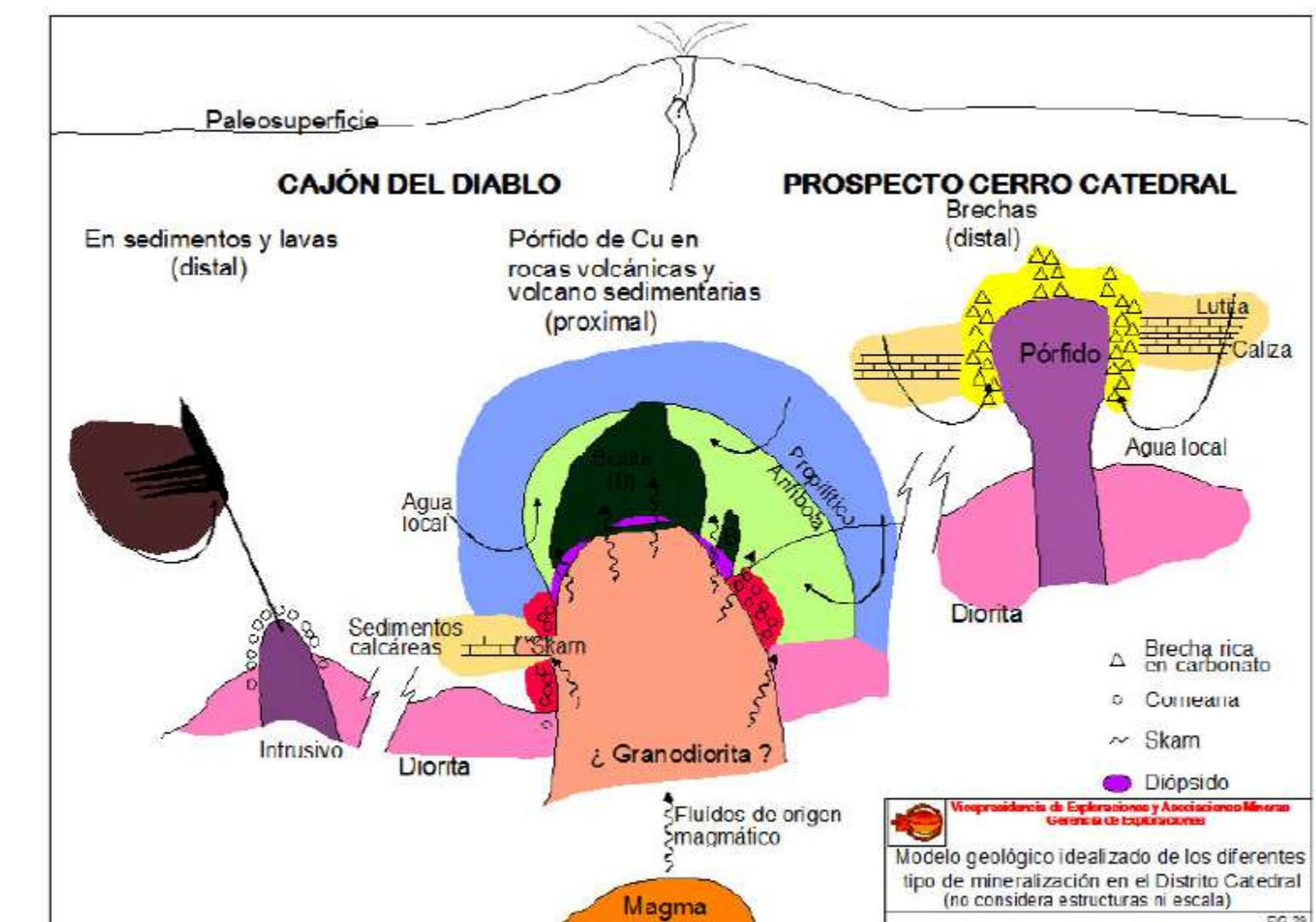
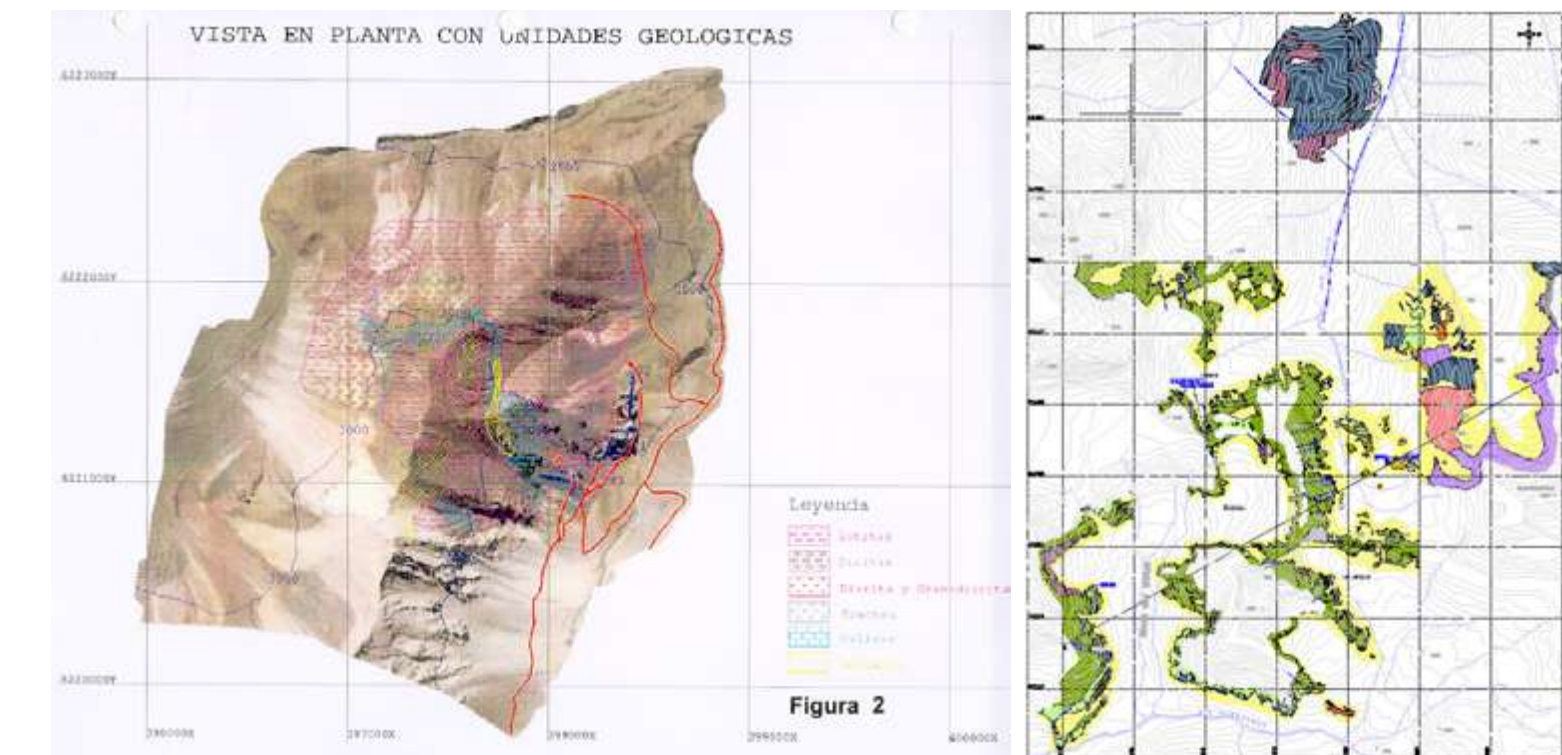


Location

Located 55km in a straight line east of the city of Rancagua, and 20km southeast of the El Teniente mine, O'Higgins region.

Access

Access through a network of mining roads that allow partial recognition of the prospect.



Contact: José Pablo Donoso Silva

@: jpdonoso@nact.cl

Principal Shareholder

Jose Pablo Donoso Silva

Project Operator

Celinda SCM

Basic Project Information

Cu porphyry with Ag subordinate mineralization.

Type of resource to be extracted

Cu - Ag

Development stage

Basic exploration (Follow-up).

Property size

6,090 ha

Description of Company/ Economic Group

Group of professionals interested in the development of mining properties with potential.

Highlights

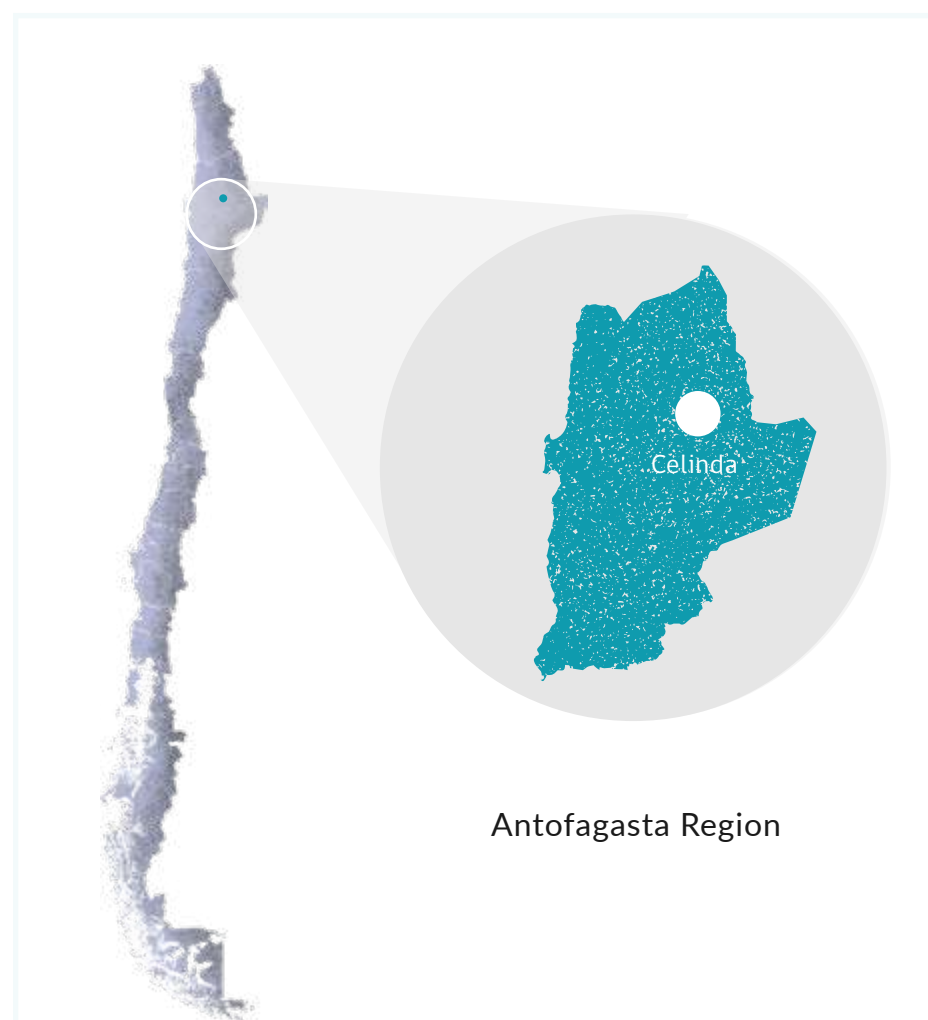
Prospect with potential for a world-class porphyry copper deposit on a large consolidated mining property of 6,090 hectares. Excellent location in an area with complete infrastructure for the development of a mining project. Located in a metallogenic belt east of the famous west fault, which hosts large world class porphyry copper deposits: Chuquicamata, RT and others. Coincidence in geological

Project Description

The expansion of the initial mining property to 6,090ha justified geophysical surveys that identified important geophysical/geo-electrical domains at significant depths. Chargeable anomalies were identified, which are of exploratory interest due to their relationship with formation models of copper porphyry or other types of metallic deposits with resistive cores.

Relevant project geological information

Data Book of the deposit considers: Cu-Fe historical studies and Cu drill holes. Updating of topography, geology, geochemistry, geophysics, certified laboratory chemical analysis, trench sampling, Cu metallurgy and 3D Cu models.



Antofagasta Region

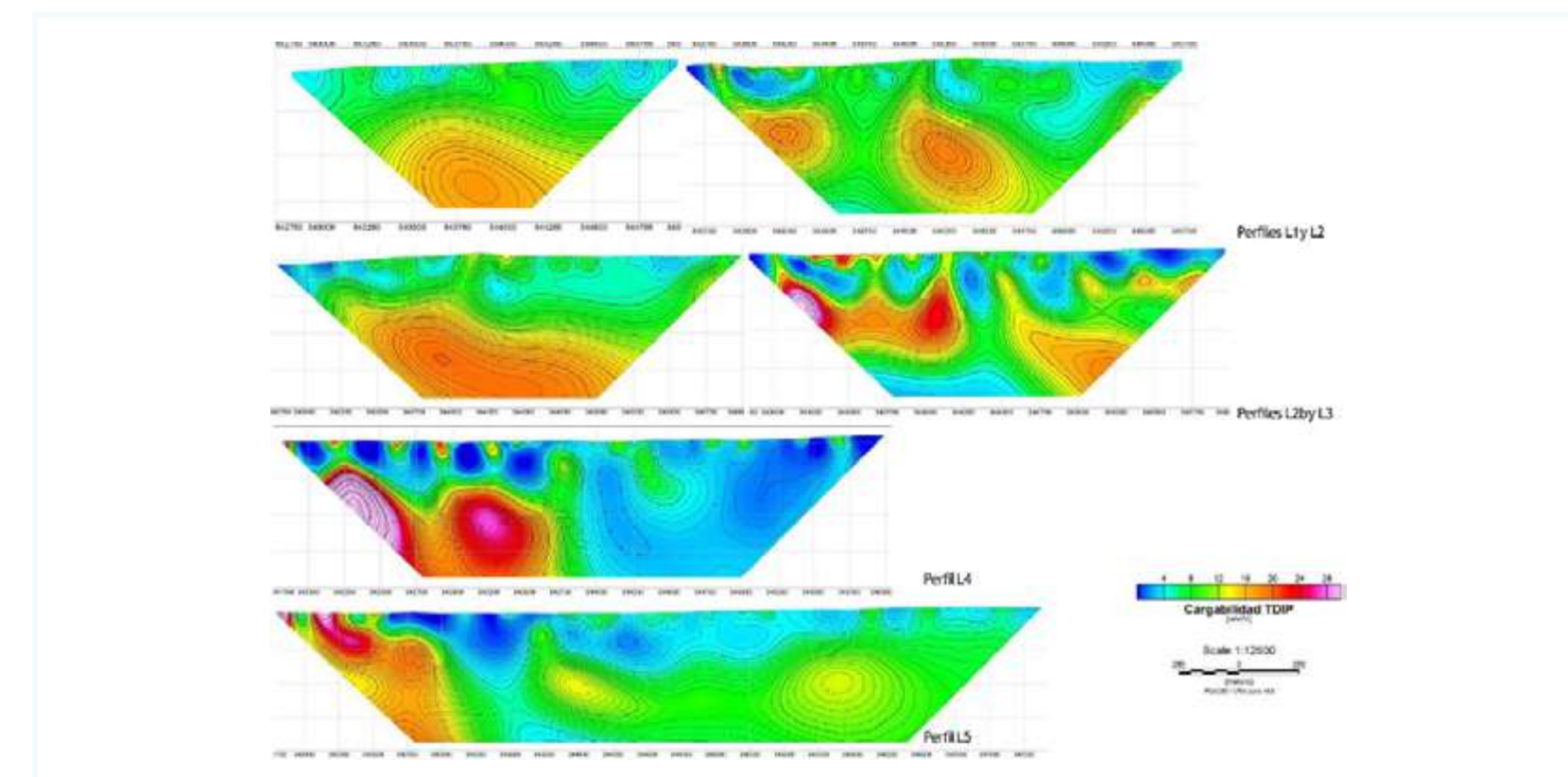
Location

Located 60km southeast of the city of Calama and 30km from the town of San Pedro Atacama. San Pedro de Atacama. Coordinates N 6,780,290; E 307,900 and Altitude 3,300masl, Antofagasta region.

Access

Expedited year-round access by public and stone aggregate roads.

information from 2013 drilling and magnetometry anomalies and extended IP Q1/Q2 2020. Favorable environmental situation, with no recognized conflicts. Nearby reference deposits:
 - GABY Mine, CODELCO -Chile (620 Mt @0.41 % Cut (422 Mt Ox @0.53 % Cu).
 - Minera TUINA, (approx. 50 Mt @ 0.8 % Cu + Ag).



Target

- Celinda Norte: potential presence of copper ore in the northern zone below 500 m.b.a.s.l.
- Celinda Sur, Target 1: In the zone of L4 where the intensity of the chargeability is intense, the magnetic low is more moderate, however, the extremely low electrical resistivity that manifests itself in L5 and continues towards L4 with chargeability greater than 30 mV/v, constitutes a target of great interest by itself.
- Celinda Sur, Target 2: Located around coordinate 544,500 mE and 7,449,000 mN (UTM 19S, PSAD56). This "L" shaped body has 3 sub-vertical branches emerging towards the surface that would be ore mineralization hosted in an andesitic matrix.

Best Drilling Intercept

In 2014, the exploration potential of the area was recognized (700 ha in the N sector of the current area). Copper oxide veinlets with silver content (mineable values) associated with silicified, quartz-hematite, chloritization and ECCZ zones were identified on surface. There is a campaign of 13 RC drill holes (200 and 570 m) with a total of 4,212 m. As a result, traces of anomalous sulphide mineralization with anomalous copper contents are observed.

Objectives

Confirmation of the hydrothermal system at (porphyry copper). Negotiation of investor contract to finance new drilling, exploration program for the entire mining property (confirmation of resources, environmental/sectoral and technical economic evaluation). Potential extension of the body/anomaly identified with geophysical surveys. The mining property allows to ensure the continuity of the open anomaly studies (to the N, S, SW and at depth).

CERRO CUMBRE

Basic Follow-up Exploration

Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information

Cu porphyry with Mo subordinate mineralization.

Type of resource to be extracted

Cu - Mo

Deposit type

Porphyry of Eocene age.

Development stage

Basic exploration (Follow-up).

Property size

5,100 ha

Highlights

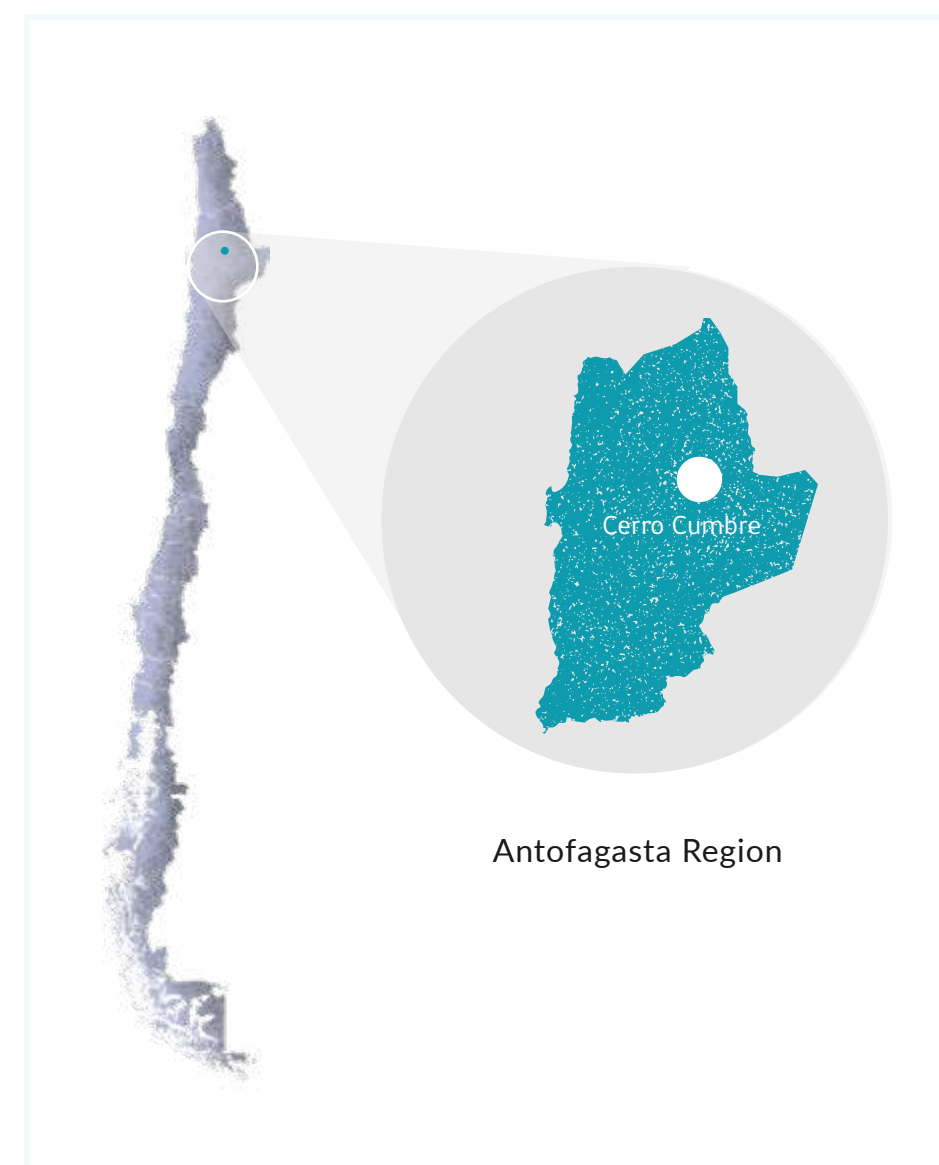
The Prospect is located on the edge of an intense 12km by 20km aeromagnetic anomaly that connects to the southeast with the 10km by 10km Gaby aeromagnetic anomaly.

Project Description

In the prospect area there is a clear history of hydrothermal alteration and mineralization corresponding to a copper porphyry type system.

Relevant project geological information

The sampling carried out comprises surface chip samples and trench samples. Results show that this porphyry is the unit with the highest copper (423 ppm), gold (0.04 ppm) and zinc (109 ppm) content.



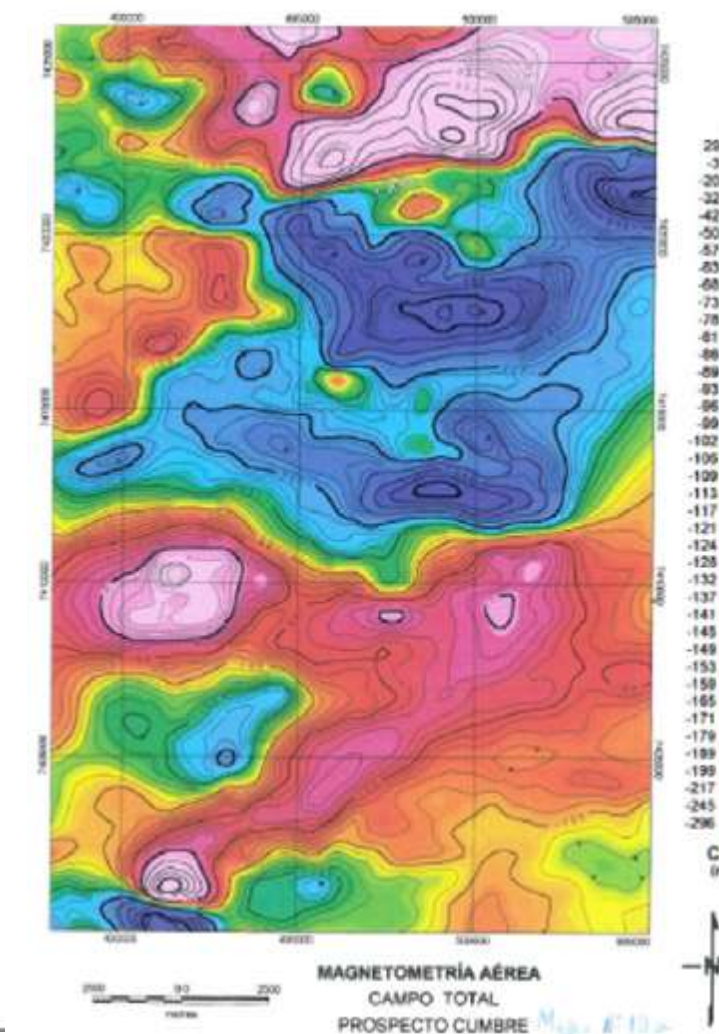
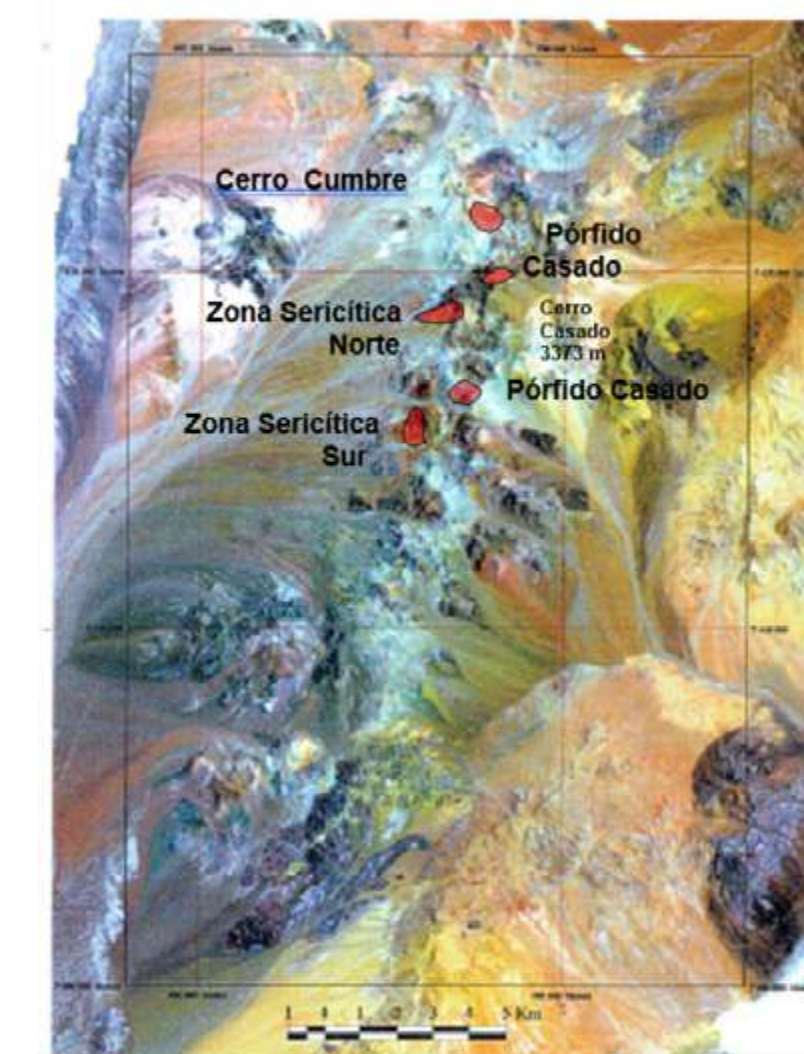
Location

Located 100km south of the city of Calama and 25km west of the Gaby deposit, Antofagasta region.

Access

Access by the road that connects Antofagasta and Calama, going southeast into the town of Sierra Gorda on a dirt road.

Prospecto Cumbre



Additional Comments

The effusive rocks show a penetrative hydrothermal alteration of the sericitic type with stockwork of "A", "B" and "D" veinlets, and jarositic and hematitic leach capping. In addition, it is intruded by a late porphyry with copper mineralization and by a breccia with abundant hematite.

Contact: Claudio Troncoso V.

@: clatrovel@hotmail.com

Principal Shareholder

Claudio Troncoso V.

Project Operator

Geominpro

Basic Project Information

IOCG type polymetallic mineralization.

Type of resource to be extracted

Cu - Au - Fe

Development stage

Basic exploration (Follow-up).

Property size

1,746 ha

Highlights

Geological potential >100 Mt.

Average grade: >1% Cu Eq.

This property was mined on a small scale at Minas Cecilia and Rincon, extracting more than 70 kt of copper oxides grading 1%.

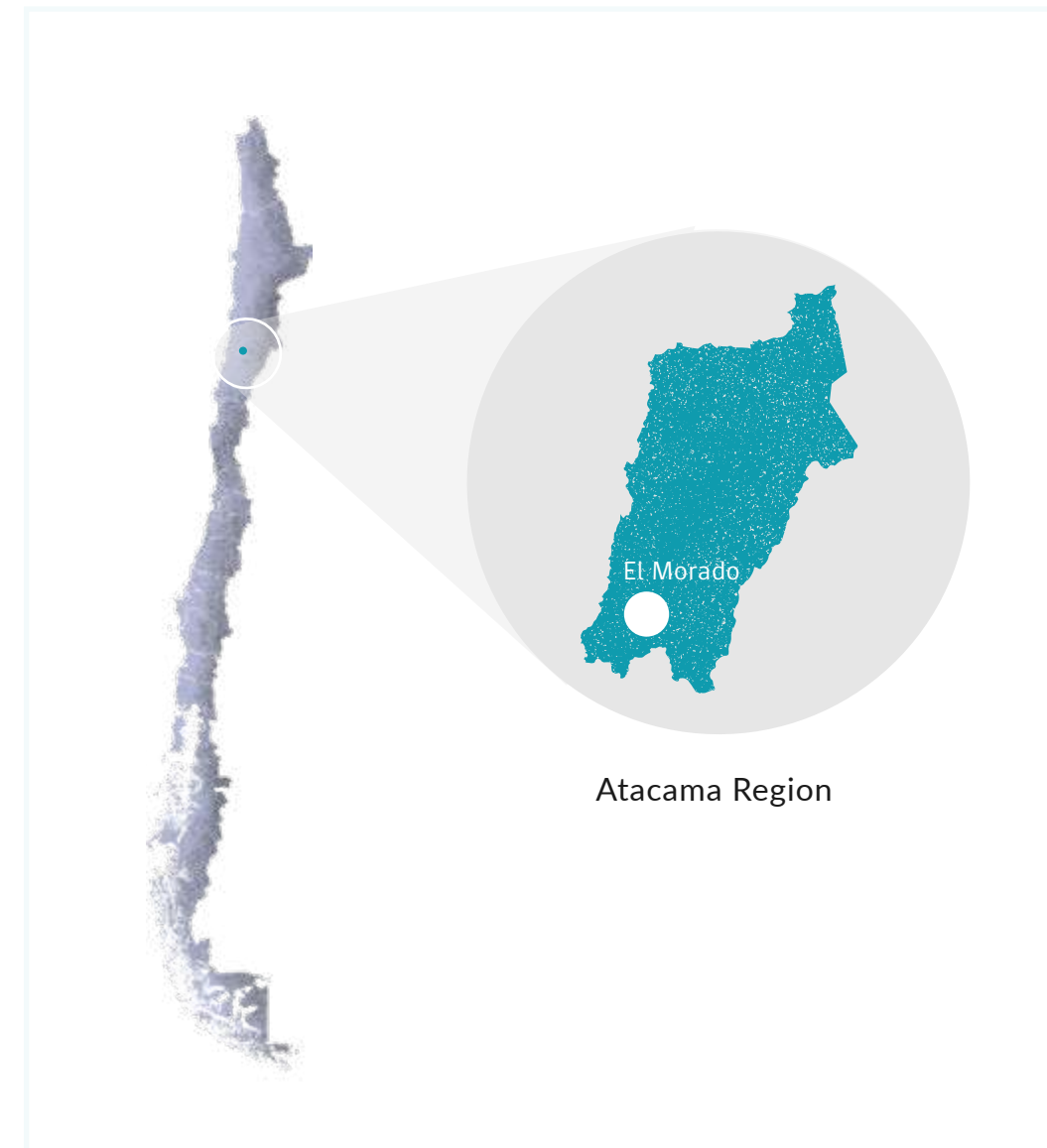
Relevant project geological information

Samples were analyzed from 20 sectors that exposed only oxidized copper mineralization, with mineralized beds still remaining to be covered.

Two geophysical lines were developed through the IP method at the Cecilia and Rincon Mines, with a reading up to 150 m depth, targets with conductive zones were observed in both cases.

Target

- Cecilia mine with up to 100 meters of width.
- Rincon mine with up to 100 meters of width.

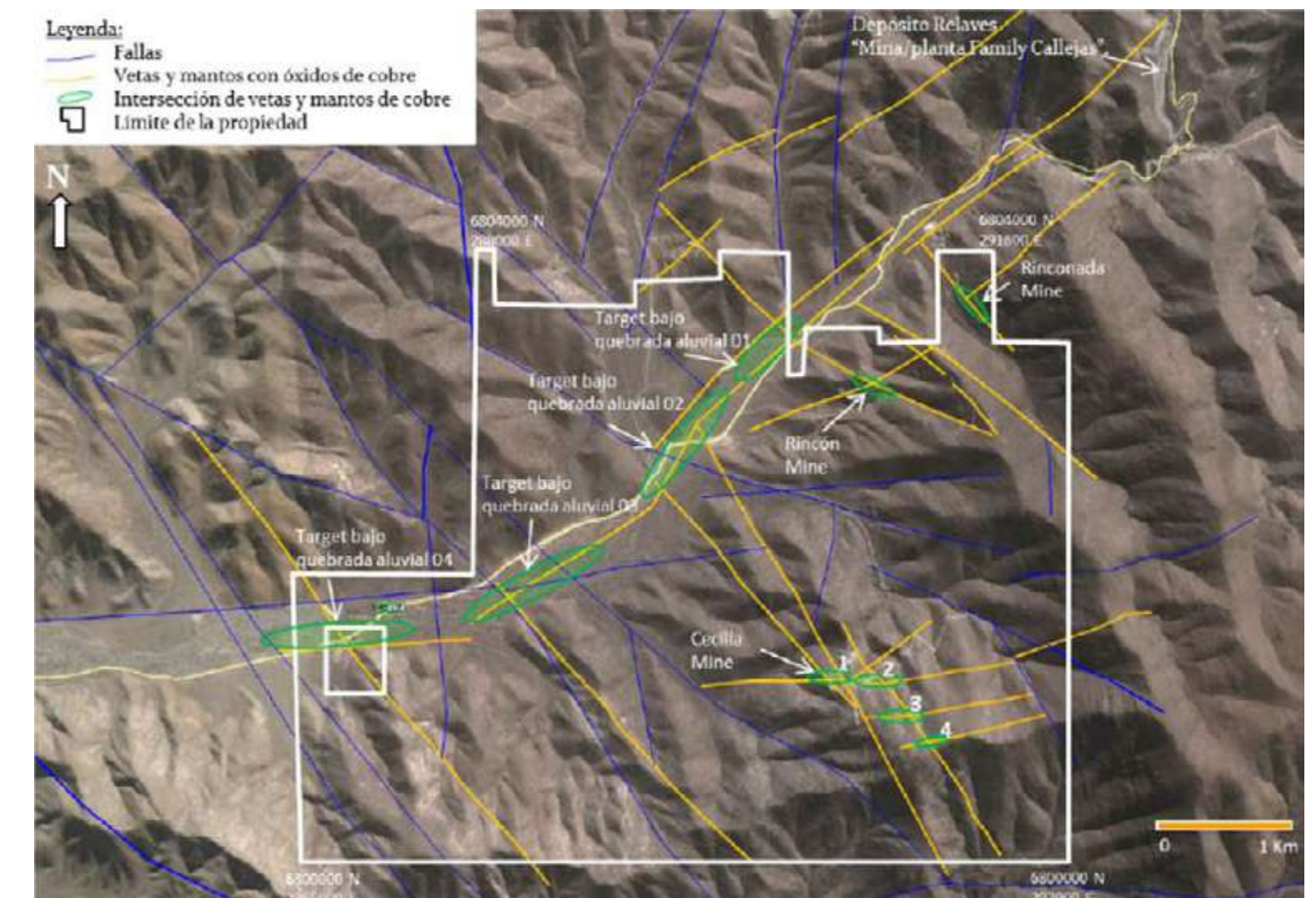


Location

Located 40km from the town of Domeyko, in the commune of Freirina, Huasco province, Atacama region. The prospect is located at an altitude of 1,000 meters above sea level.

Access

Access from Domeyko traveling 35 km towards the coast. Then turn right through Quebrada El Morado and drive about 10 km to the project.



Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information

IOCG type polymetallic mineralization.

Type of resource to be extracted

Cu - Au - Fe

Development stage

Basic exploration (Follow-up).

Property size

193 ha

Resource Estimates

1.65 Mt of ore @1.45% CuS.

Project Description

Mining prospect currently without exploitation, with reserves and facilities that allow its continuity.

Relevant project geological information

Categorized block model, with mining design and defined infrastructure. The deposit corresponds to a Kiruna type deposit with vein emplacement.

Target

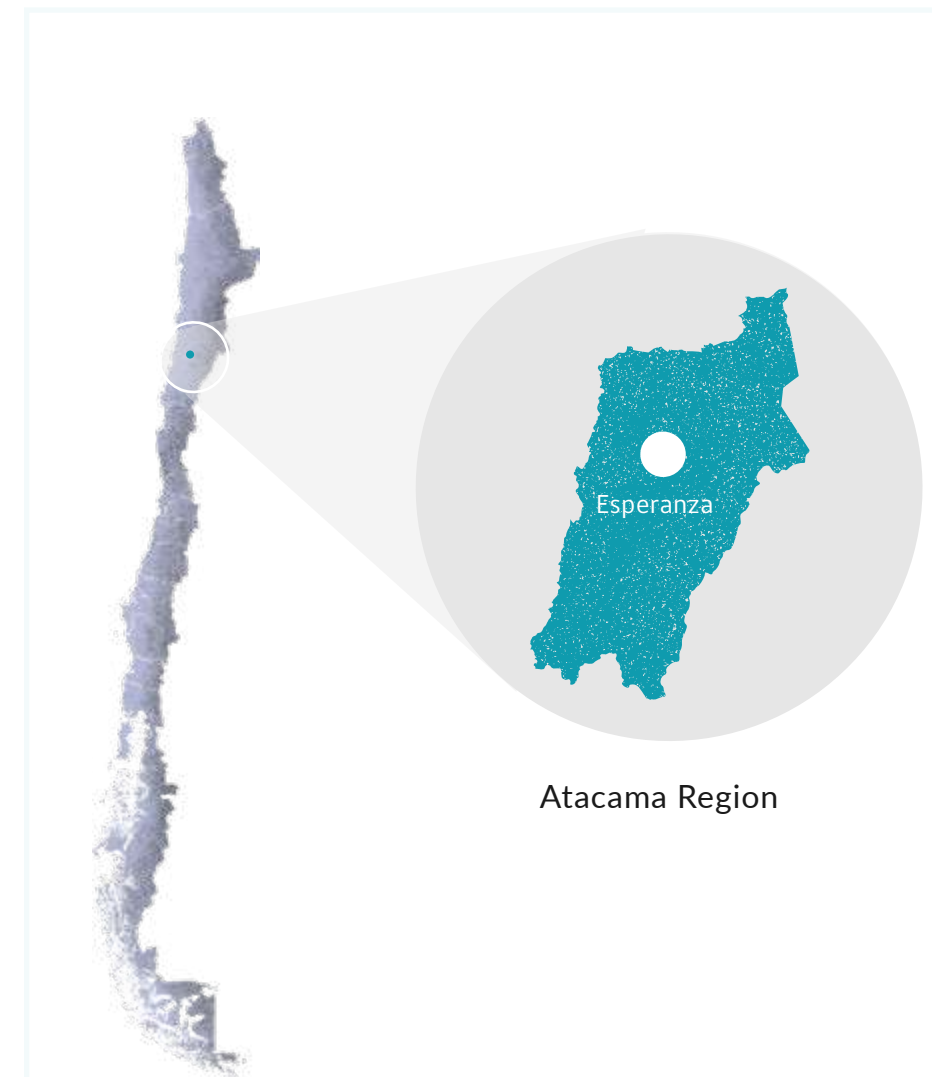
- Main vein follow-up by accesses Belén, Esperanza and Marta.

Highlights

Advanced information, resource estimation and favorable location.

Additional Comments

Located at a distance of approximately 27km from ENAMI's El Salado treatment plant and 12km from Diego de Almagro.

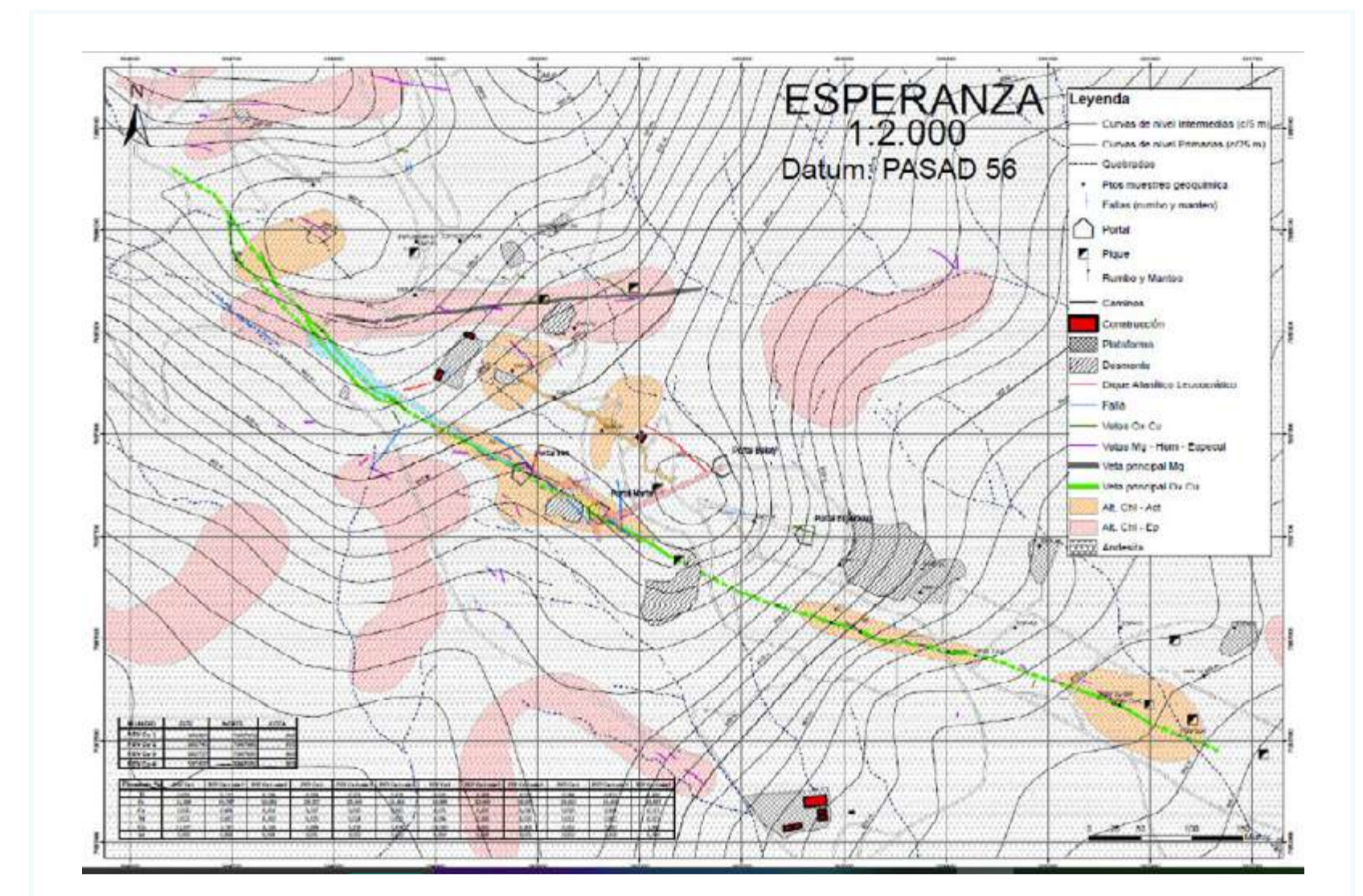


Location

Located in Sierra Apera, 12km northeast of Diego de Almagro, Atacama Region.

Access

Access from Diego de Almagro by route C-151, 12 km of paved road and 1 km of dirt road.



FLORITA-PAZOTA

Basic Follow-up Exploration

Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information
 IOCG type polymetallic mineralization.

Type of resource to be extracted
 Cu - Au - Fe

Deposit type
 IOCG of type Kiruna.

Development stage
 Basic exploration (Follow-up).

Property size
 3,458 ha

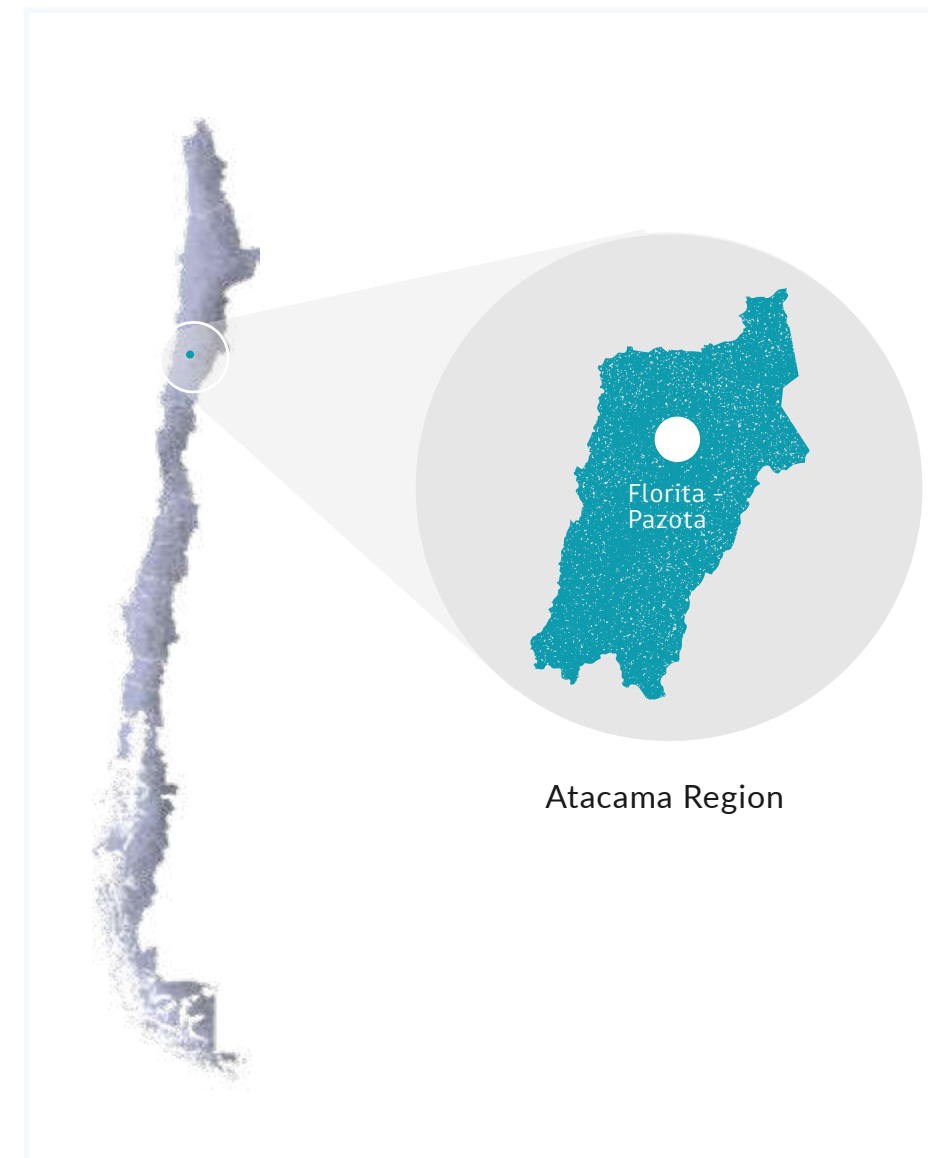
Highlights
 Because it is adjacent to the Cuprum prospect, they share geological and structural domains of interest. The sector has a high exploration potential.

Relevant project geological information
 Copper mineralization is associated with specularite breccias and veins, quartz-calcite veinlets and apparently shows lithological control. Electrical induction studies located discrete IP anomalies associated with breccia bodies and specularite veins with pyrite-chalcopyrite in the western sector of the mine property and a relevant IP anomaly in highly altered volcanic rocks outcropping to the east.

Best Drilling Intercept
 The presence of anomalous magnetite mineralization in drill holes drilled in 2009 (which did not intercept economic mineralization) is the only evidence of interesting copper-iron mineralization in the Florita sector. In areas of Pazota, zones with copper grades of 0.6% sulphides and oxides are detected, in addition to interesting IP anomalies.

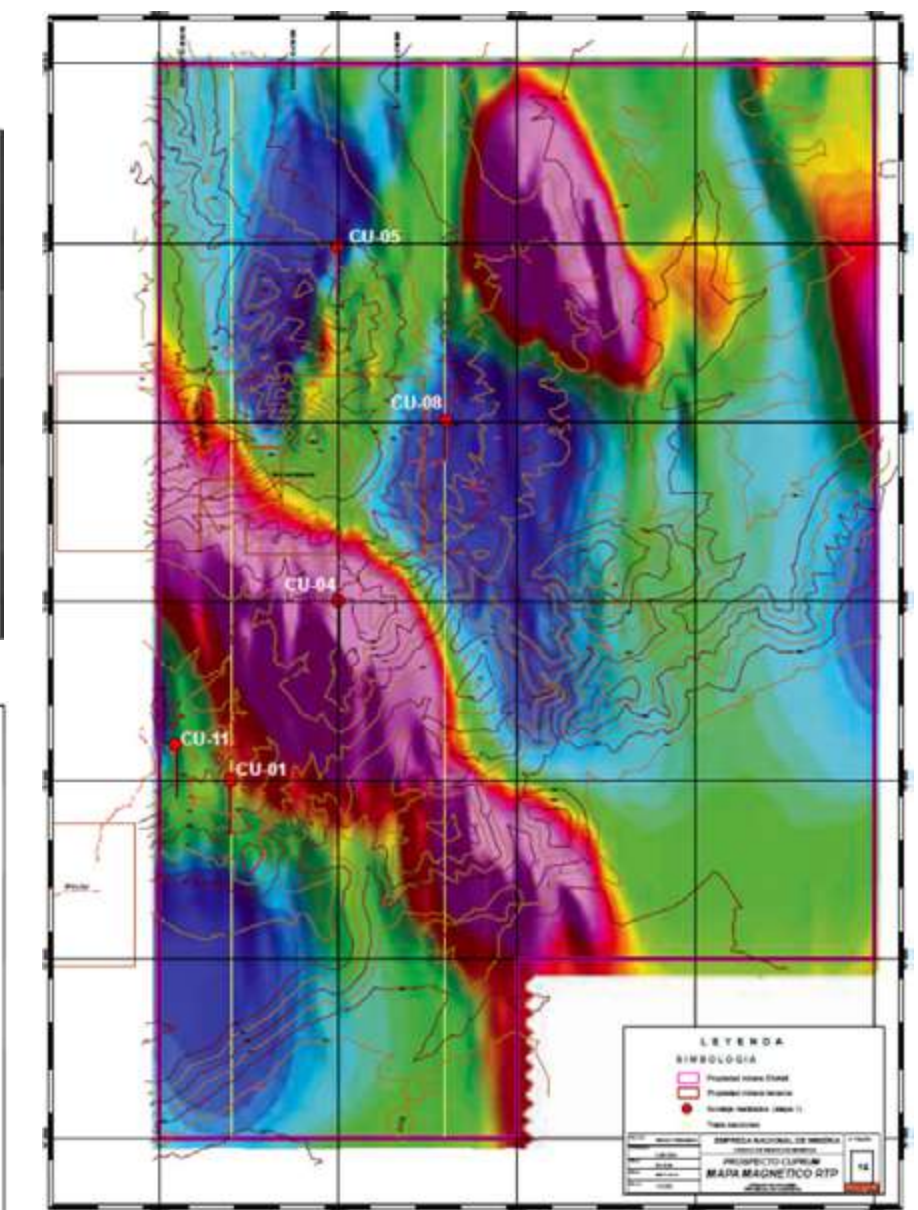
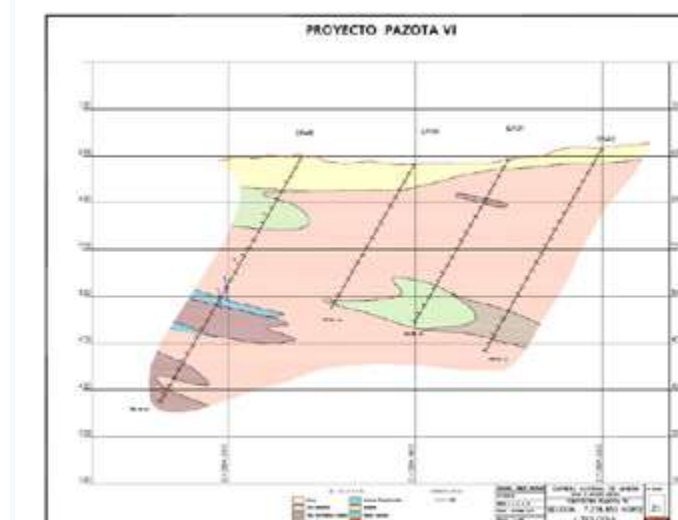
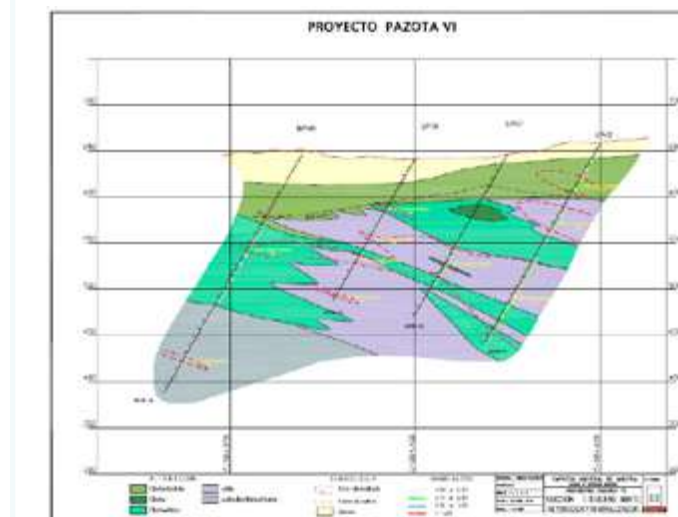
Target

- South Sector, Pazota 5 concession.



Location
 Located 10km west of the city of Diego de Almagro, Chañaral province, Atacama region.

Access
 Access from Diego de Almagro on the road that goes to the town of El Salado, traveling approximately 15km to the turnoff to Mina Carmen.



Additional Comments
 Geophysical studies propose a series of tabular bodies of Cpy-py-oxFe type mineralization correlated by an IP anomaly, trending NNW-SSE.

Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information

Cu porphyry with Mo subordinate mineralization.

Type of resource to be extracted

Cu - Mo

Development stage

Basic exploration (Follow-up).

Property size

4,030 ha

Highlights

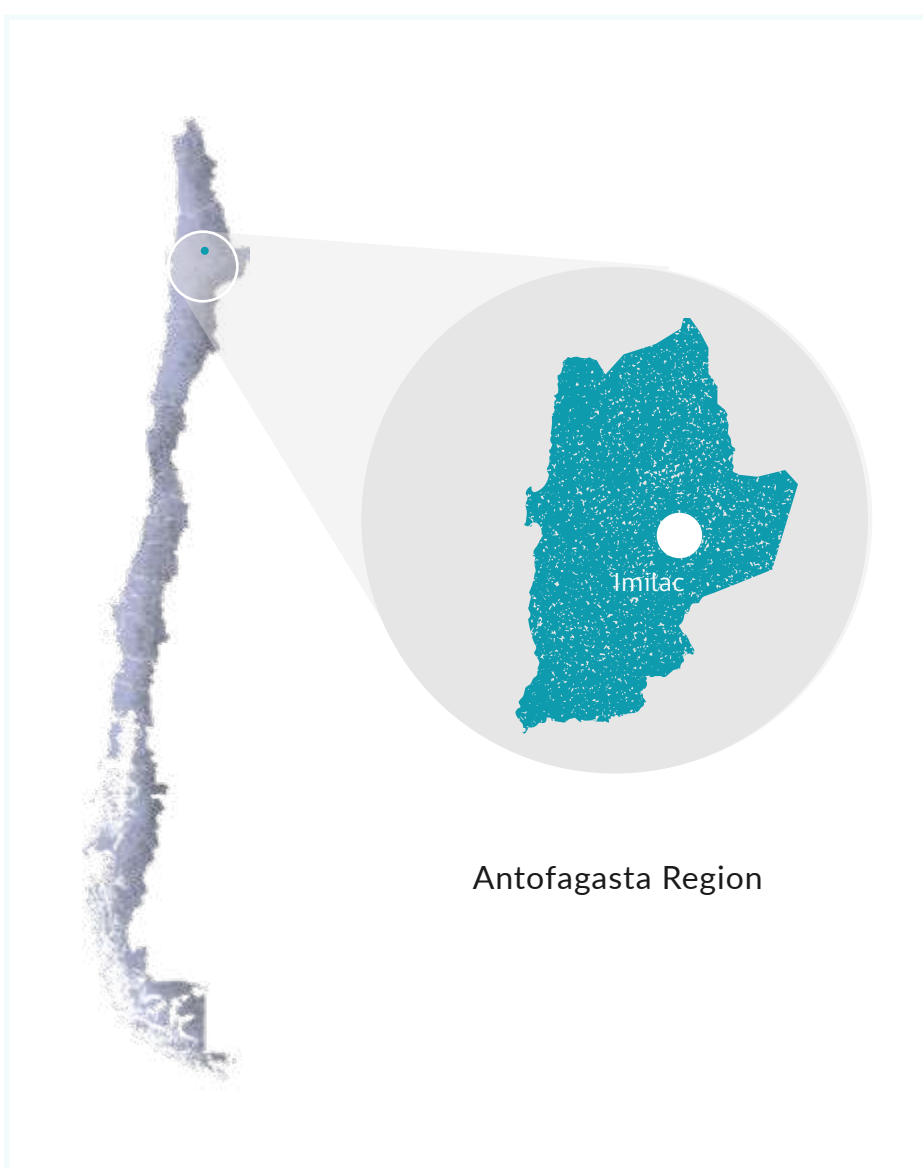
The main fault in the area has a northwest and secondarily northeast direction typical of the Domeyko Fault system. The analysis of the satellite image allows recognizing some semicircular lineaments that, preliminarily, would indicate the presence of a caldera, adjacent to the large Imilac caldera described immediately east of the area.

Relevant project geological information

In the area there is geological reconnaissance at scales 1:50,000, 1:25,000 and 1:10,000, geochemical rock sampling with more than 500 surface samples, which in general showed Cu anomaly grades of up to 145 ppm, except for the veins. Studies of relict sulfides, radiometric dating of different rock types, alteration and associated mineralization. Small size porphyry project with possible gold.

Target

- There are zones with bands of propylitic alteration that can be indicated as targets.

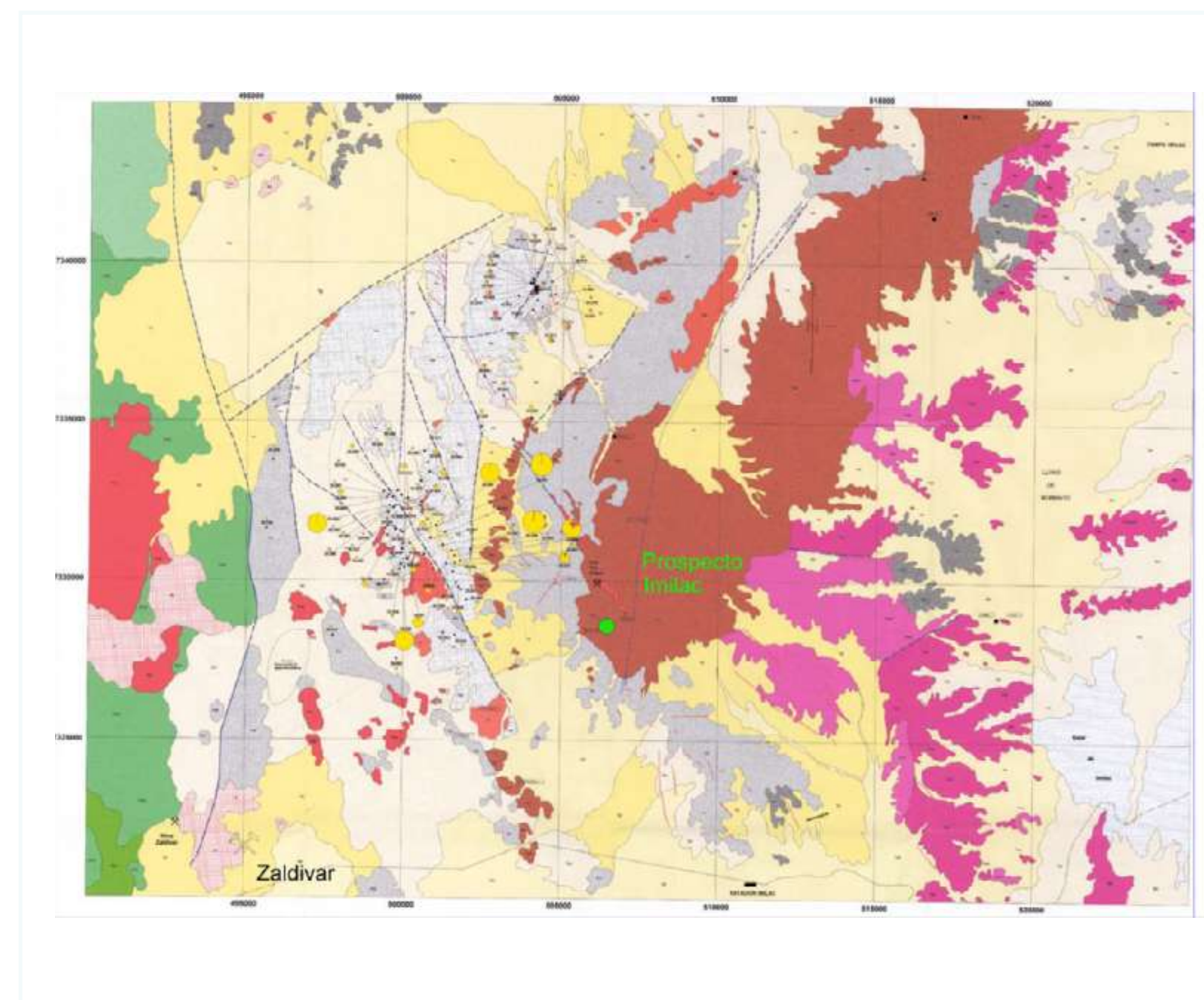


Location

Located in the Domeyko mountain range, immediately northeast of the Escondida-Zaldívar complex, 155km southeast of Antofagasta, Antofagasta region.

Access

Access through public roads and mining roads in good condition.



Additional Comments

It is a relatively unexplored area, with covered areas and is affected by the Domeyko Fault system.

Contact: Thomas Eggers

@: Thomas Eggers

Form of Financing

Private Funds

Project Operator

Los Cobres de Atacama SpA.

Principal Shareholder

Red Mining Resources SpA.

Basic Project Information

IOCG type polymetallic mineralization.

Type of resource to be extracted

Cu - Au

Deposit type

IOCG vein system, Cretaceous age.

Development stage

Basic exploration (Follow-up).

Property size

48 ha

Highlights

Immersed in a competitive mining district, defined by the consolidation of the Mantoverde and Santo Domingo operations, opening the opportunity to define additional economic resources to a growing mining cluster.

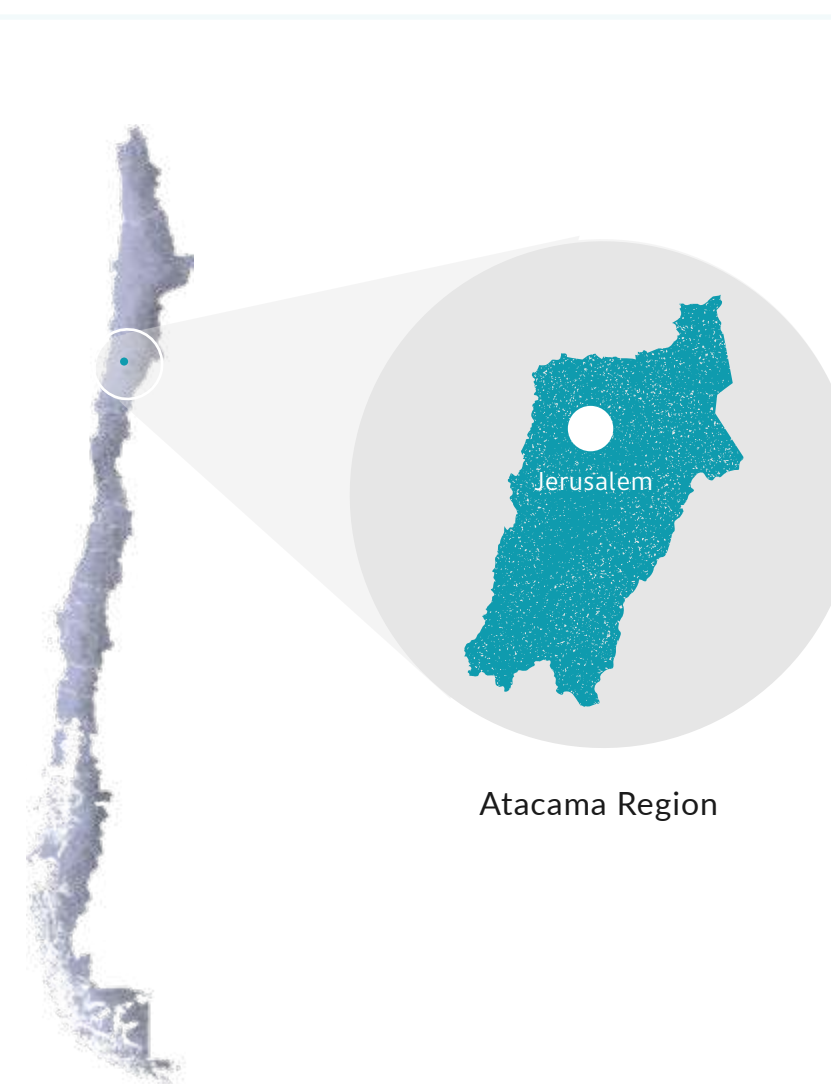
There are several other advanced exploration projects and historic producing mines, where Sierra Norte (Alxar) and San Pietro (former Radiss Project - Sumitomo / now Golden Arrow), stand out as potential candidates to add economic resources to the district.

Project Description

An industrial-mining pole is being developed following the merger of Mantos Copper (Manto Verde) and Capstone (Santo Domingo), attracting explorers to find additional resources that can become economic, considering potential synergies and installed operating capacity.

Relevant project geological information

There are 13 drill holes totaling 1,427 m, geochemical sampling (467) and two main tunnels. Currently active on a small scale and selling to ENAMI plant (El Salado). Between January 2009 and October 2010, the mine operated continuously and reached a production of 15,363 t, with a grade of 1.91% soluble Cu.



Atacama Region

Location

Located 47km east of the city of Chañaral and 22km northeast of the Santo Domingo IOCG deposits and 33km northeast of Mantoverde, Atacama region.

Access

Access by paved roads.



Target

- Jerusalem Vein
- Resguardo Vein

Objectives

Convert a small operating high grade Cu mine with unknown exploration potential into a major economic resource.

Resource Estimates

2.5 Mt @3.53% Cu.

Best Drilling Intercept

3.5m @3.5% Cu + 1.1 g/t Au.

Contact: Alamiro San Francisco Vera

@: asfcomin@gmail.com

Project Operator

Cía. Minera Campanario Minerals Ltda.

Basic Project Information

Cu porphyry with Mo - Au subordinate mineralization.

Type of resource to be extracted

Cu - Mo - Au

Deposit type

Porphyry of upper Cretaceous - Paleocene age.

Development stage

Basic exploration (Follow-up).

Property size

5,100 ha

Best Drilling Intercept

DDHJS12-02: (36-324) 288m@ 0.29%Cu/ 0,10ppm Au/ 41ppm Mo Inc. (116-152) 36m@ 0.40% Cu/ 0.12ppm Au/ 62ppm Mo Inc. (232-292) 60m @ 0.33%Cu/ 0.11ppm Au/ 43ppm Mo. JO15-01: (22-650) 628m@ 0.20% Cu/ 0.039ppm Au/ 8ppm Mo Inc. (316-650) 334m@ 0.28% Cu/ 0.037ppm Au/ 10ppm Mo Inc. (316-474) 158m@ 0.33% Cu/ 0.044ppm Au/ 10ppm Mo Inc. (388-474) 86m@ 0.40%Cu/ 0,056ppm Au/ 9ppm Mo.

Objectives

Project in early exploration stage, requiring financial support to reach the advanced exploration stage.

Relevant project geological information

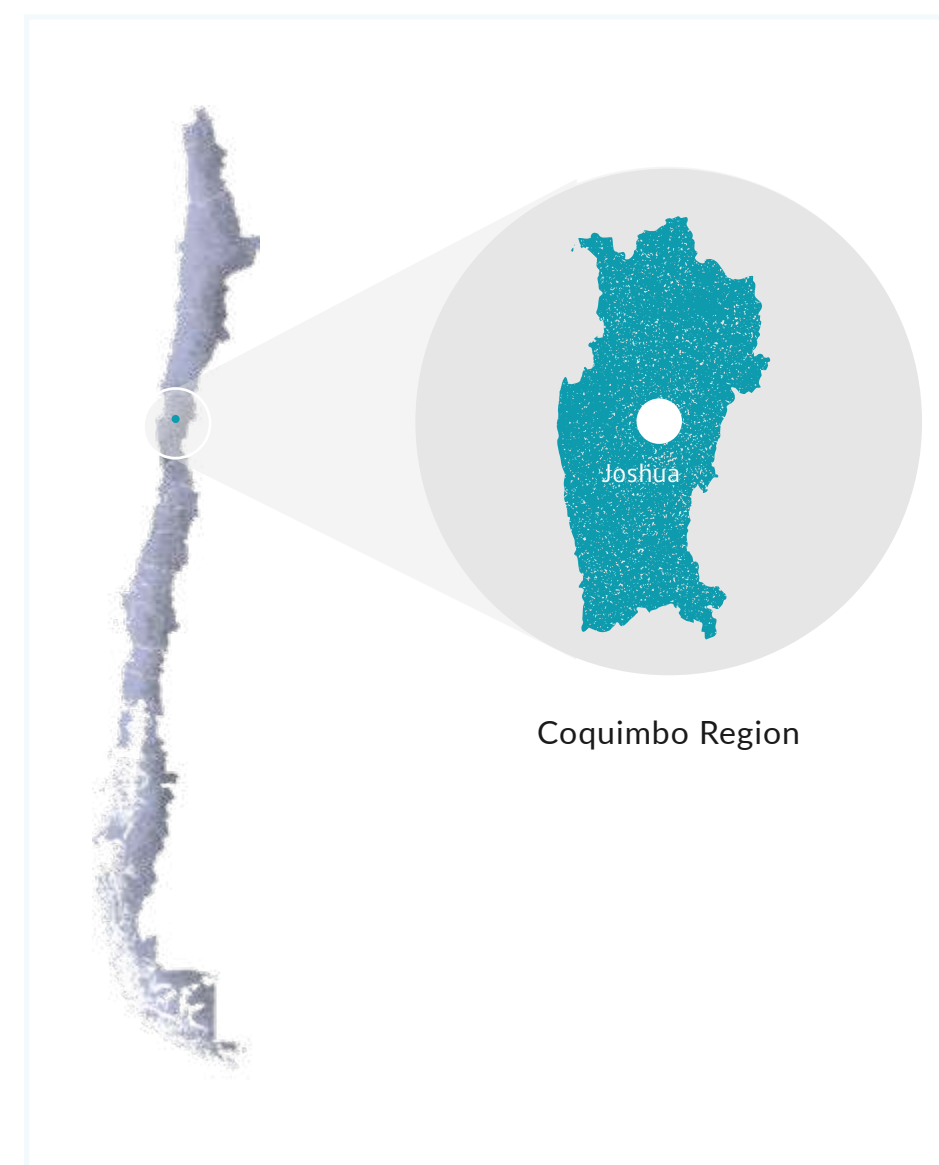
A potential of more than 1,000MT (0.5% Cu plus Mo and Au credits) is estimated.

Resource Estimates

105Mt@ 0.35% Cu equivalent at Target 1.

Highlights

Prospect located on a translithospheric fault 45km southeast of the Andacollo Cu-Au porphyry and 20km north of the town of Monte Patria.



Coquimbo Region

Location

Located 60km east of the city of Ovalle, in the commune of Monte Patria, Coquimbo region. This prospect is located at an average altitude of 1,200 meters above sea level.

Access

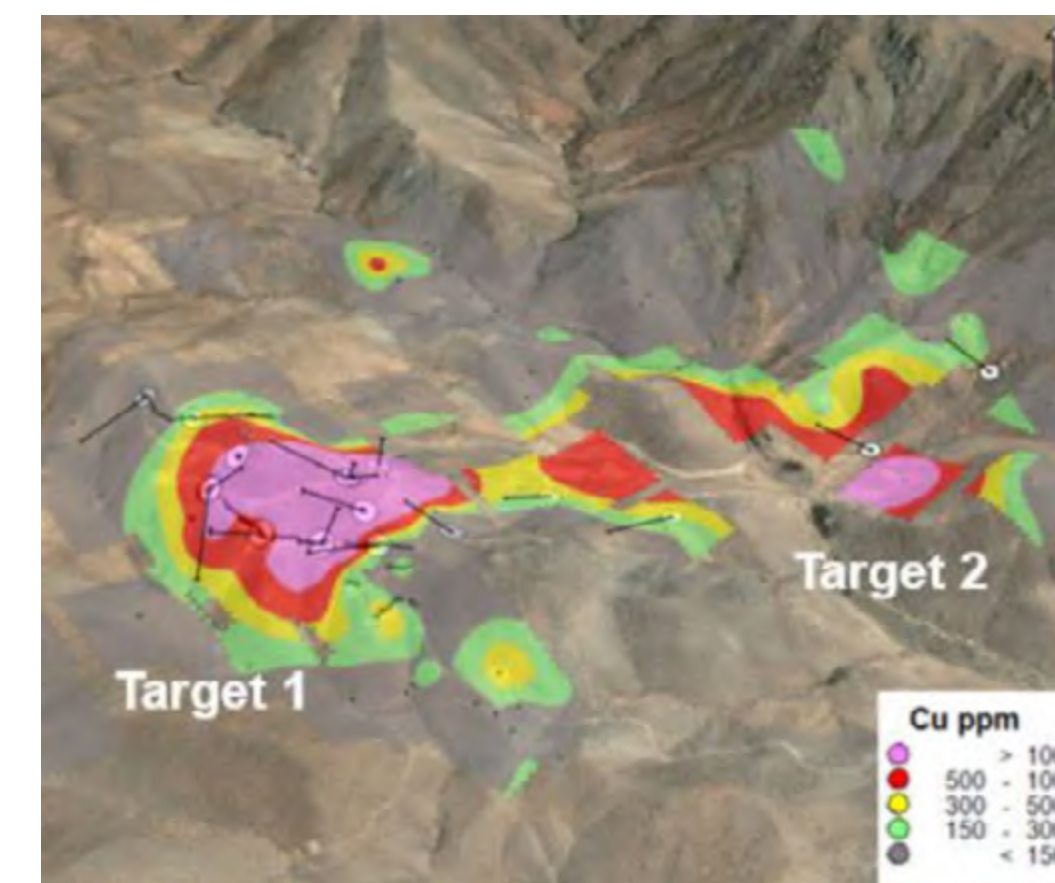
Year-round access by paved and dirt roads.

Description of Company/ Economic Group

Company focused on the mining business.

Target

- Information on geophysics, magnetometry and IP, drilling and soil and rock geochemistry.
- Geophysical, magnetometric and IP information, scarce drill holes and soil and rock geochemistry.



LEONCITO EL LOA

Basic Follow-up Exploration

Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information

Cu porphyry with Mo subordinate mineralization.

Type of resource to be extracted

Cu - Mo

Development stage

Basic exploration (Follow-up).

Property size

21,405 ha

Best Drilling Intercept

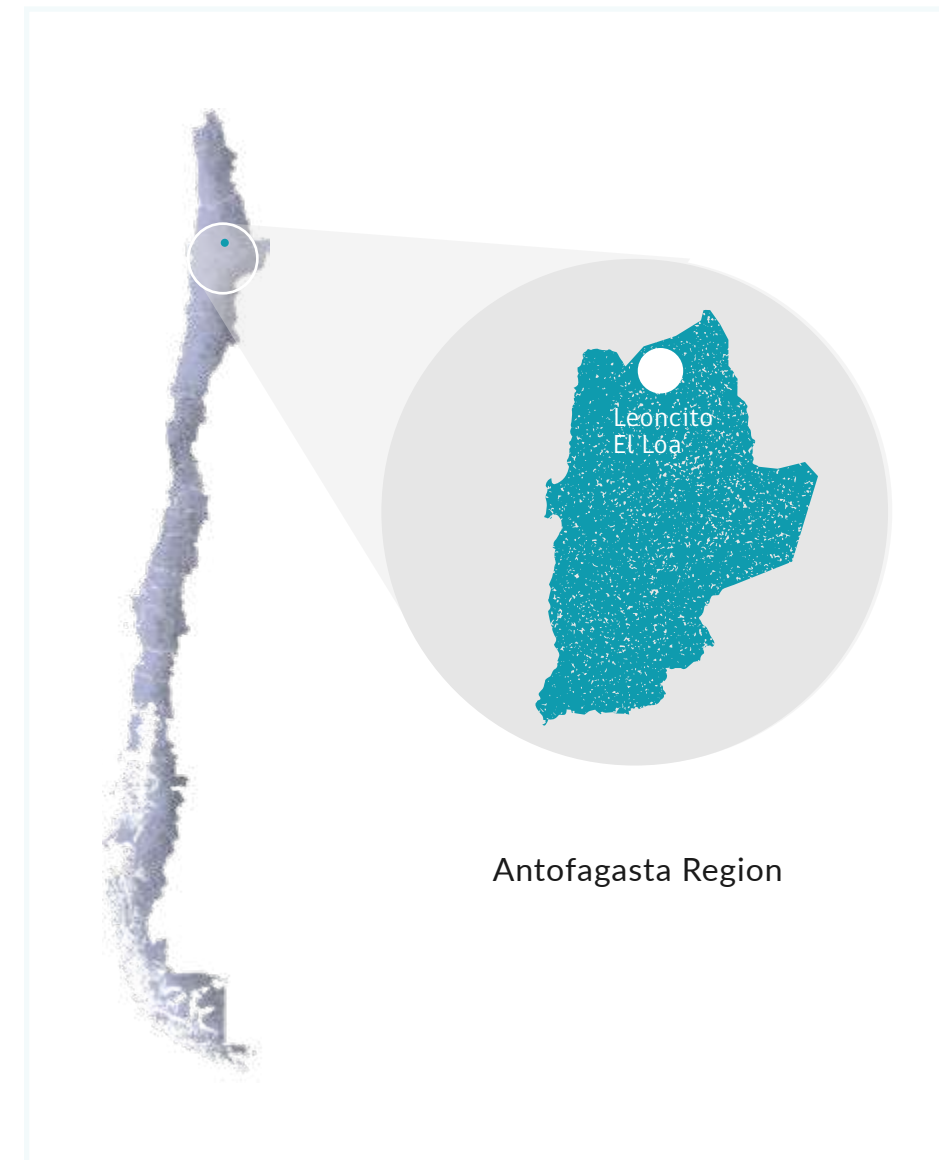
106m with 0,07% de Cu
 17m with 15 ppm of Au

Relevant project geological information

The project includes 1:200,000 scale surface geology, multi-element soil geochemical sampling, IP geophysical survey and magnetometry. In addition, there are five medium depth drill holes carried out by third parties. This porphyry project has possibly the development of an associated epithermal deposit, whose location is close to the west fault and the Domeyko fault system.

Target

- Ojo Bravo
- Yuma



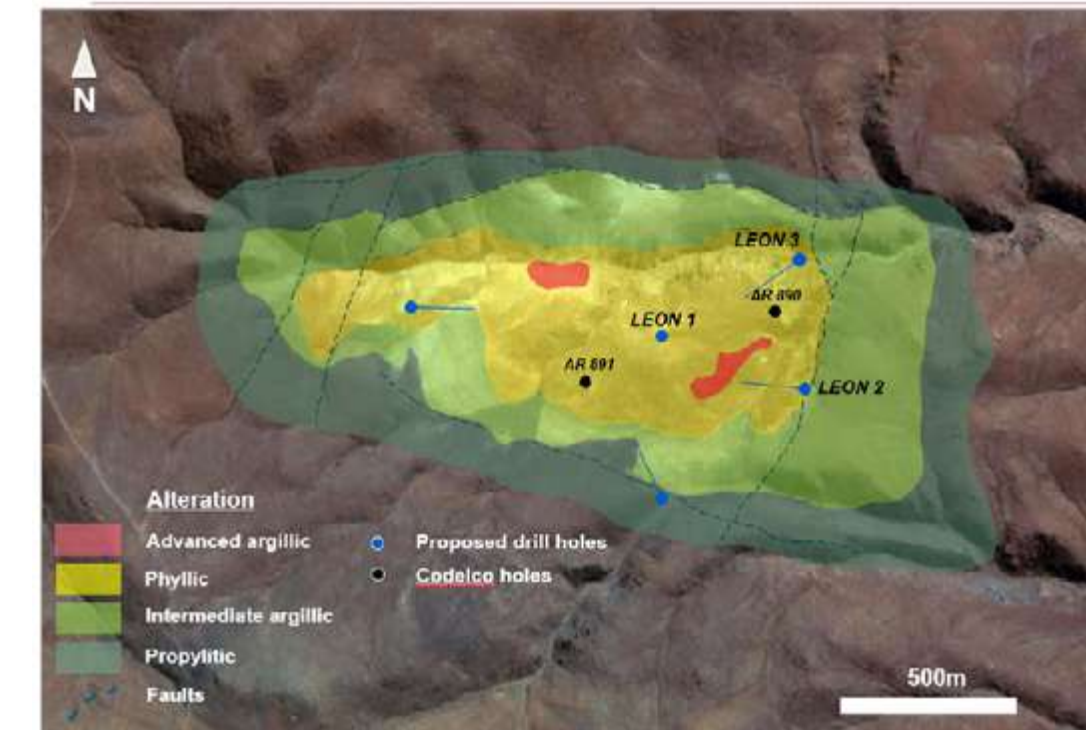
Location

Located on the border of the Antofagasta and Tarapaca regions, 25km and 30km from the Quebrada Blanca and Collahuasi mines.

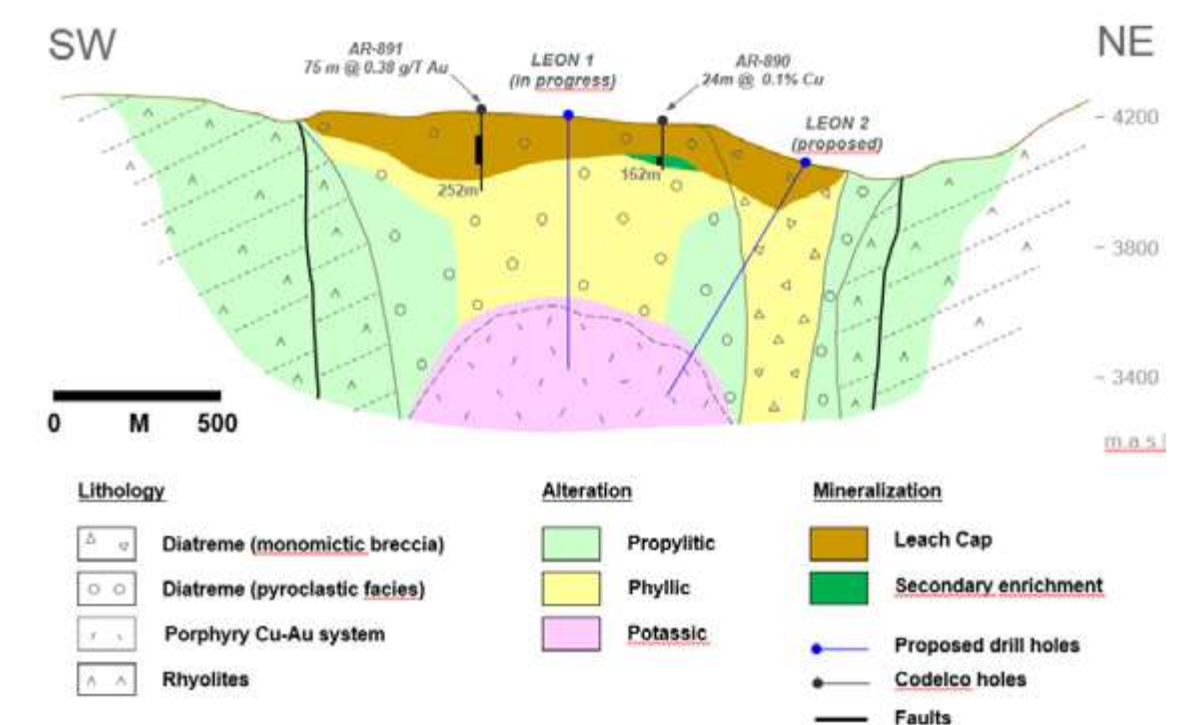
Access

Access is via the gravel road between Calama and Quebrada Blanca.

Leoncito – Copper & Gold



Leoncito – Copper & Gold



Contact: Pablo Rodó

@: pablorodo@gmail.com

Principal Shareholder

CM Atacama

Project Operator

CM Atacama

Basic Project Information

Vetiform with high and low grade Fe mineralization.

Type of resource to be extracted

Fe

Deposit type

Vetiform and massive in high grade zones with stockwork veinlets and disseminated in low grade zones, Upper Jurassic age.

Development stage

Basic exploration (Follow-up).

Property size

1,730 ha

Resource Estimates

Indicated: 53.5 Mt of 30-31% FeT and 18-20% magnetic Fe
 Inferred: 26.0 Mt of 30-31% FeT and 18-20% magnetic Fe
 Potential: 45.8 Mt of 30-31% FeT and 18-20% magnetic Fe
 Total: 124.5 Mt of 30-31% FeT and 18-20% magnetic Fe

Objectives

Looking for a partner to develop exploitation and production of 50,000 to 100,000 tons of Fe concentrate per month.

Relevant project geological information

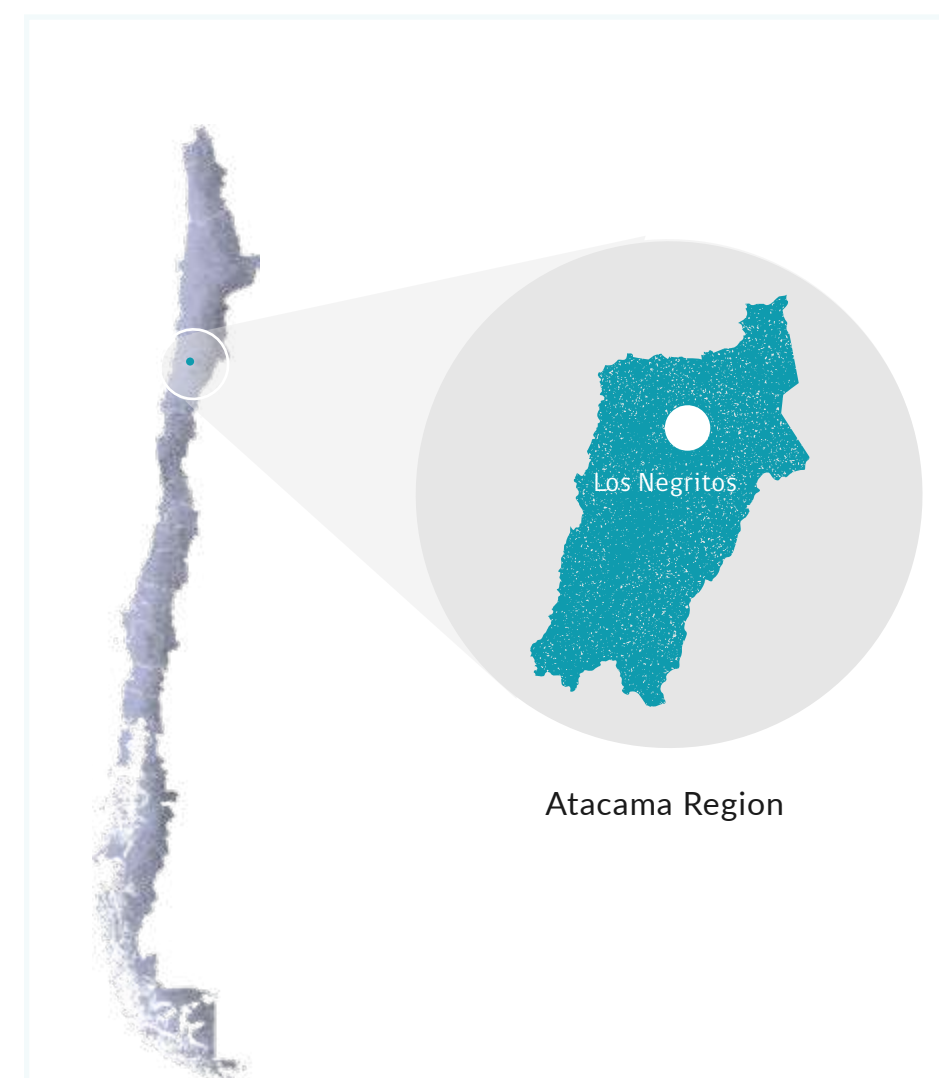
The mineralized belt is 2.5 km long and varies in width from 0.7 km to 2 km. Detailed geological mapping, detailed trough sampling (130 samples) and drilling of 13 RC drill holes totaling 2,940 m have been carried out.

Highlights

The deposit has a favorable location in terms of roads, ports, electric power and population centers.

Best Drilling Intercept

Well RCN-06: 120m @ 35.2% de FeT.



Location

Located 93km northeast of the city of Copiapó and 41km southeast of the town of Inca de Oro, Atacama region.

Access

Access by road from Copiapo all year round. The roads connecting the deposit are paved and in good condition.

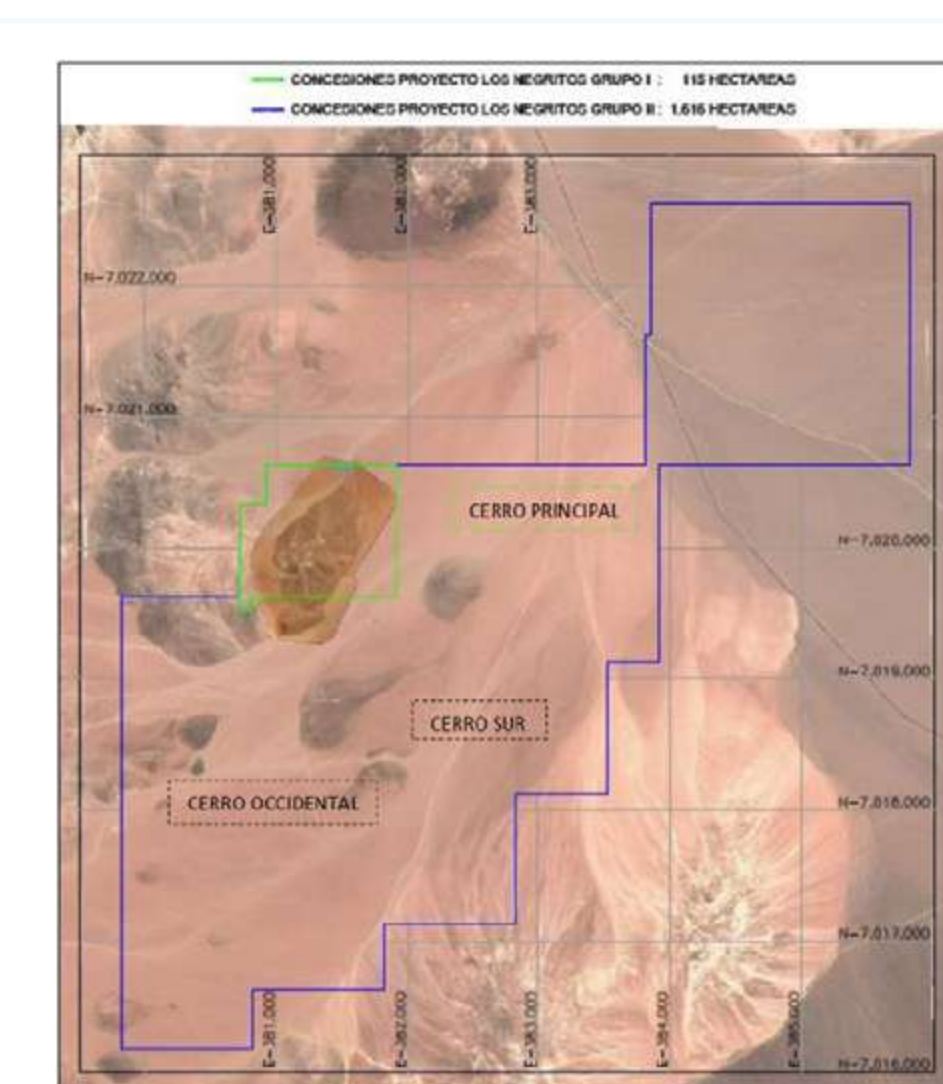


Description of Company/Economic Group

Compañía Minera Atacama SpA main objective is the development of exploration, evaluation and exploitation of mineral resources.

Target

- Cerro Principal is 1,200m long and about 500 m wide.
- Cerro Sur
- Western Hills



Contact: Igor Collado

@: igor.collado@gmail.com

Principal Shareholder

Igor Collado

Project Operator

Asesorías Geomineras SpA.

Basic Project Information

IOCG type polymetallic mineralization

Type of resource to be extracted

Cu - Au - Fe - Co

Deposit type

IOCG of Upper Cretaceous age.

Development stage

Basic exploration (Follow-up).

Property size

1,500 ha

Highlights

Geological potential >150 Mt.
Average grade: 0.5% Cu + Au + Mo.
Located in a Historic Mining District, where there is little small and medium scale mining development.
Close to mineral buying powers, ports and supply centers.

Objectives

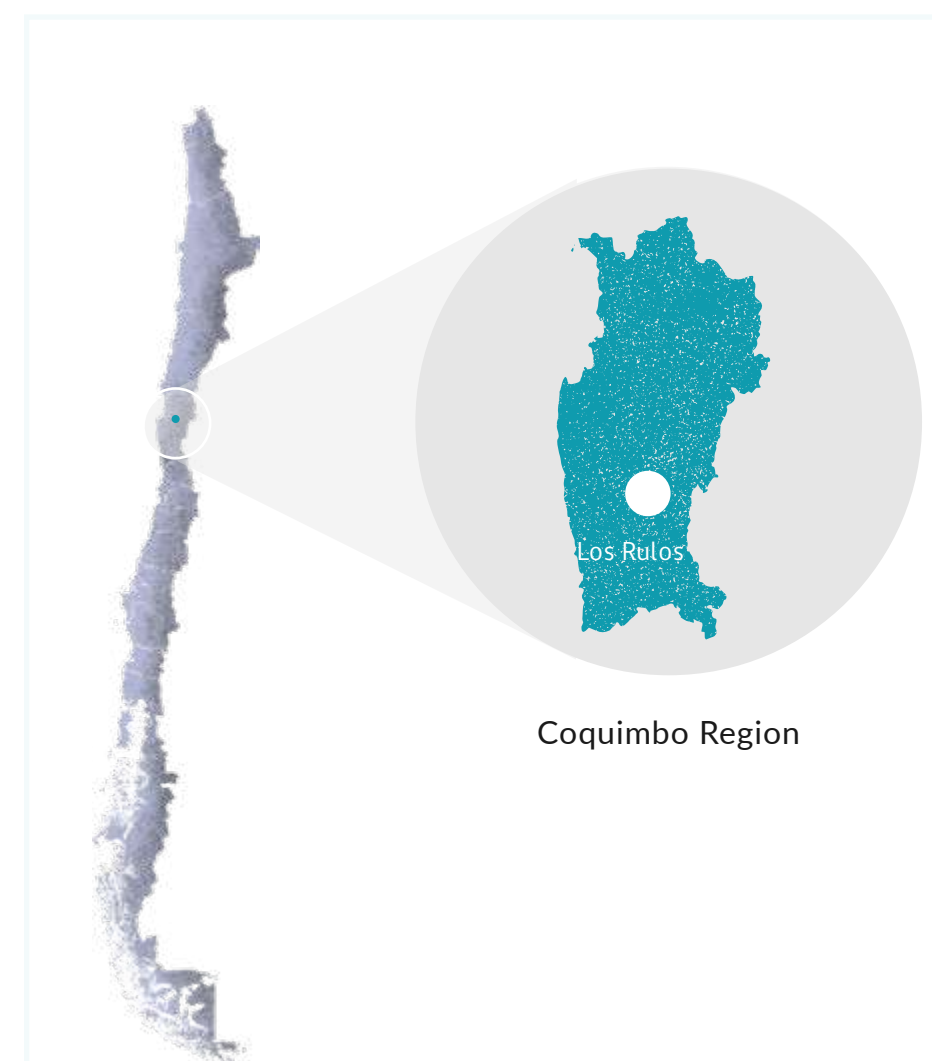
Implement drilling plan (> 1,500 m) to:
Review geological model. First estimate of potential resources.

Relevant project geological information

Data Book of the deposit considers: sampling database of drill holes and surface samples, with certified laboratory grades, detailed geology of surface and interior mine, geochemistry and geophysics (IP).
In the surrounding area there are properties belonging to important mining companies (Codelco, Peñoles, among others).

Description of Company/ Economic Group

Group of exploration professionals focused on the development of exploration projects.

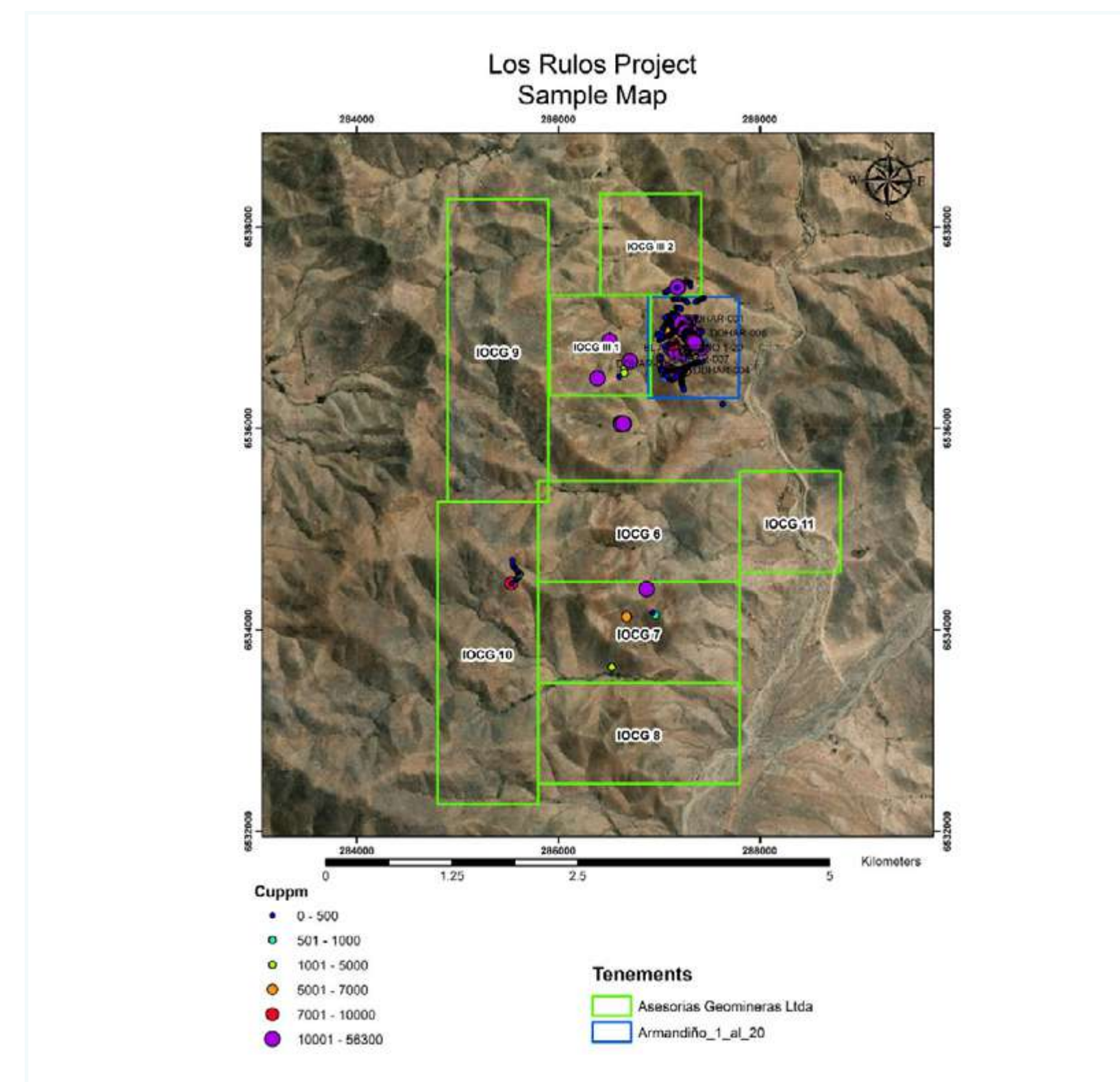


Location

Located 35km from the town of Combarbala and 243km from the city of La Serena, Coquimbo region.

Access

Year-round access on paved and stone aggregate roads in good condition.



Target

- Cu Oxidized + Cu Enrichment Surface Zone.
- Sulphide Cu Surface Zone (Primary) and Enrichment Zone.

Best Drilling Intercept

9m @0.57 Cu% / 0.07ppm Au / 197ppm Co

Contact: Roberto Alarcón

@: roberto.alarcon@astra-exploration.com

Form of Financing

TSX.V

Project Operator

Astra Exploration SpA.

Principal Shareholder

Astra Exploration Inc.

Basic Project Information

Low sulphidation epithermal Au with Ag subordinate mineralization.

Type of resource to be extracted

Au - Ag

Deposit type

Epithermal of Cretaceous - Paleocene age.

Development stage

Basic exploration (Follow-up).

Property size

4,140 ha

Highlights

The property has historical exploration, with a total of 2,558 geochemical samples and about 1,641 m of drilling. Astra Exploration Chile SpA. is preparing a Prospecting EIS for the Pampa Paciencia Project to continue drilling and exploration.

Reporting Code

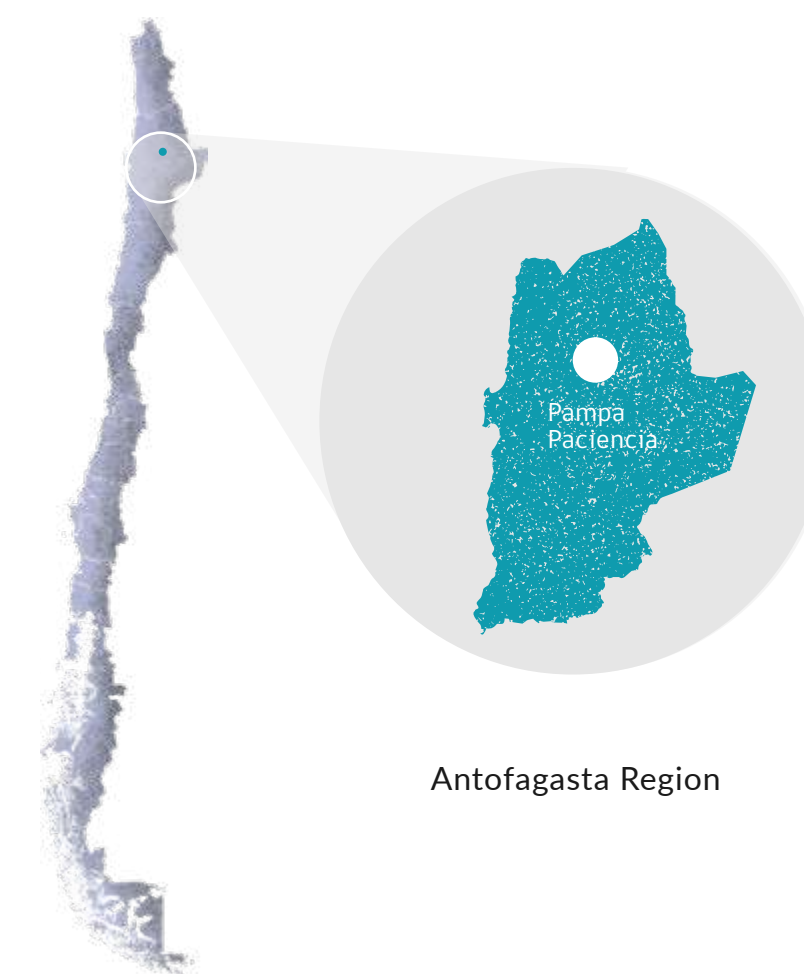
CIM

Relevant project geological information

The project is located within a mineral belt that hosts a wide range of deposits, including the Spence and Sierra Gorda ore deposits, and low sulfidation epithermal deposits such as Faride and El Peñón. Two reverse air drilling campaigns were carried out totaling 7,059 meters.

Best Drilling Intercept

21m @ 2.71ppm Au / 10.8ppm Ag, including 3m @ 14.48ppm Au / 39.7ppm Ag (PPRC22-12).



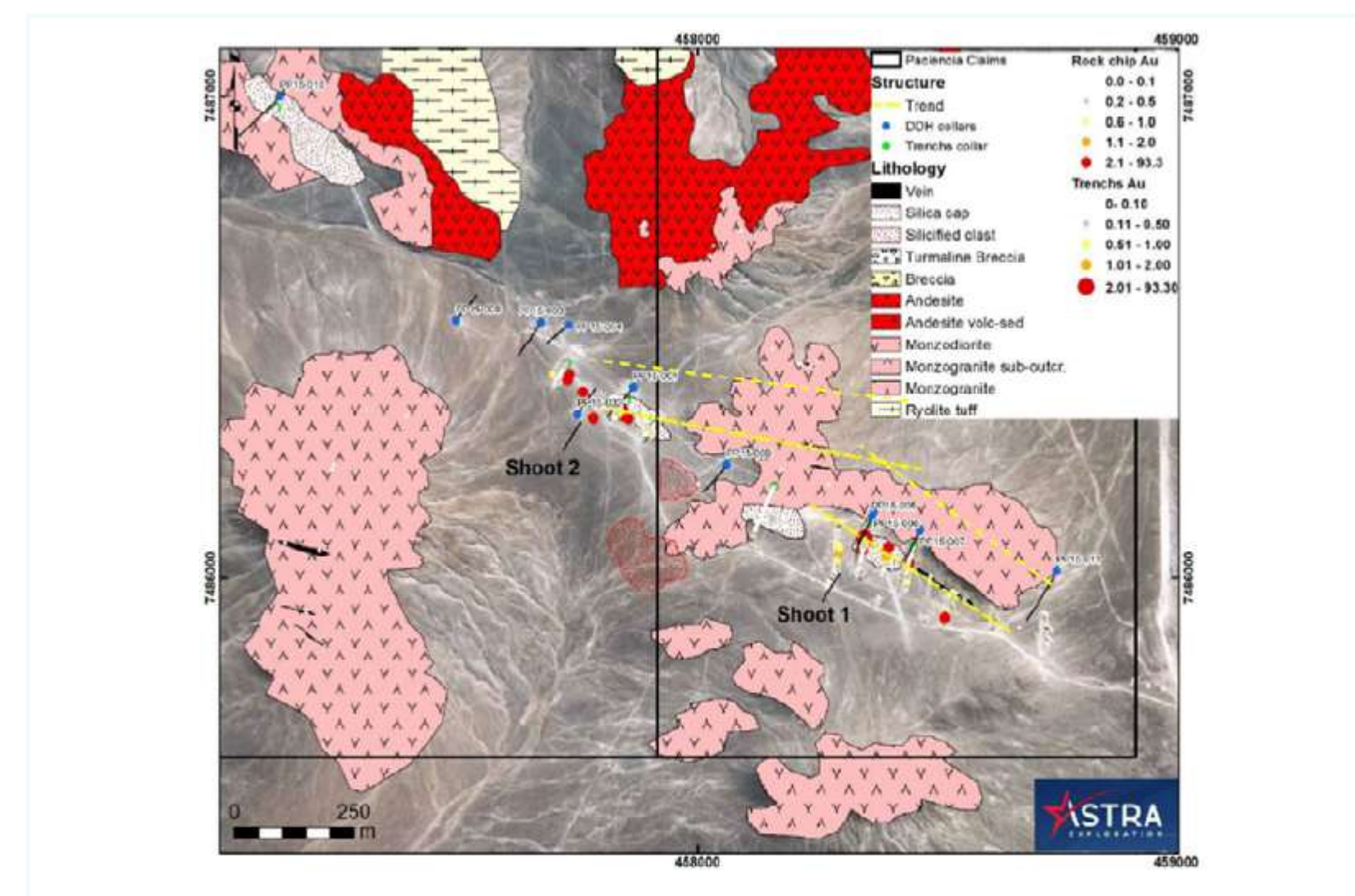
Antofagasta Region

Location

Located 140km northeast of the city of Antofagasta and 17km northwest of the town of Sierra Gorda, Antofagasta region.

Access

Access via paved roads all year round to Sierra Gorda and from there the project is accessed via a well graded and compacted dirt road.



Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information

IOCG type polymetallic mineralization.

Type of resource to be extracted

Cu - Au - Fe

Development stage

Basic exploration (Follow-up).

Property size

9,300 ha

Highlights

The prospect is located on the main branch of the Atacama Fault System (AFS), which concentrates most of the Cu, Fe and Au deposits along the strip of the Coastal Range.

Project Description

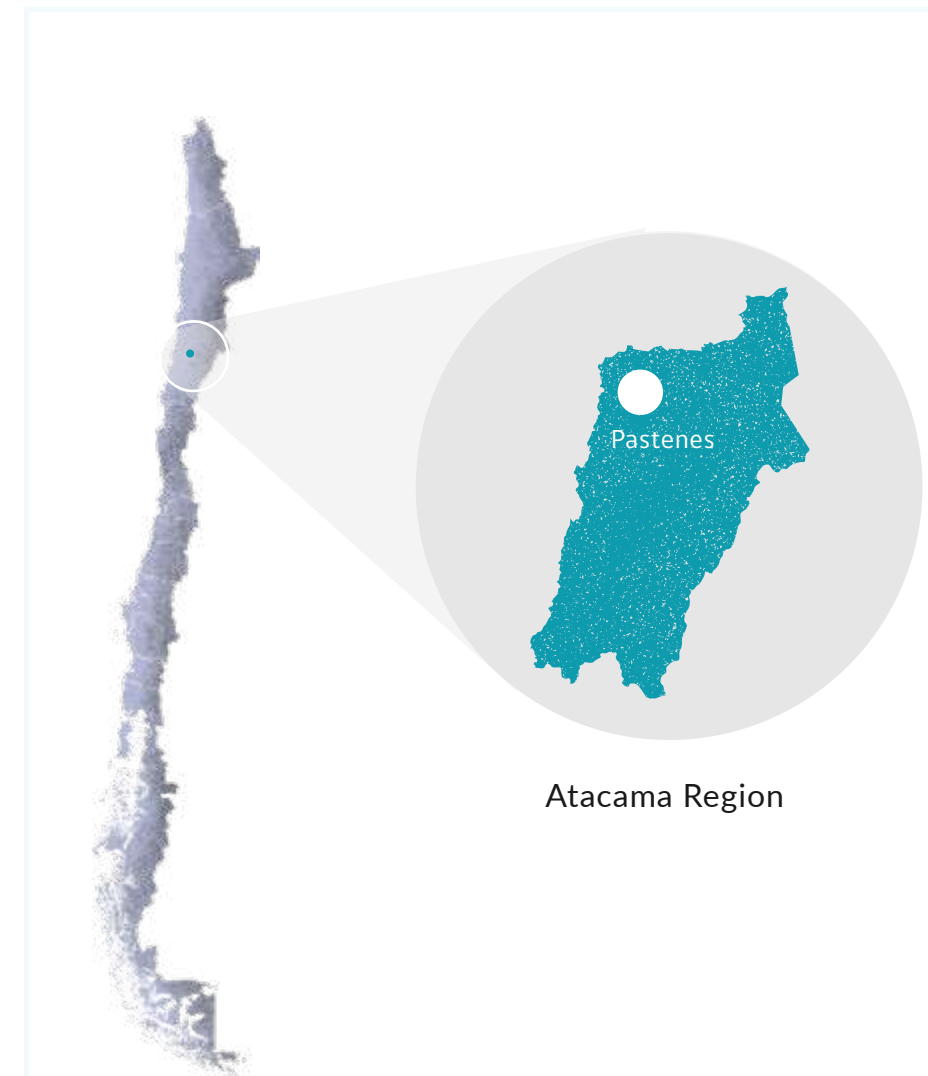
The geological model interpreted according to the information from drill holes, trenches and subway workings, shows a strong structural control of the mineralization, oriented N 70° W, being possible to identify numerous mineralized bodies of different thicknesses and depths, both intercalated and stockwork type veinlets.

Relevant project geological information

The deposit presents a tabular geometry, in a mineralized strip recognized by drill holes for approximately 700 m in a N70°W/80°S direction and for approximately 250 m in the down dip direction, with a power varying between 10 and 60 m. In the interior of the mineralized belt there are bodies with higher intensity of mineralization that form a macro banding of the mineralized structure. Slight changes of direction of the structural system may be responsible for the formation of mineralized nails. Prospect located in intrusive and volcanic rocks, with a marked structural control of the mineralization.

Best Drilling Intercept

Presence of anomalous magnetite mineralization in reverse air drilling carried out in 2009, and CuS content over 0.3%.

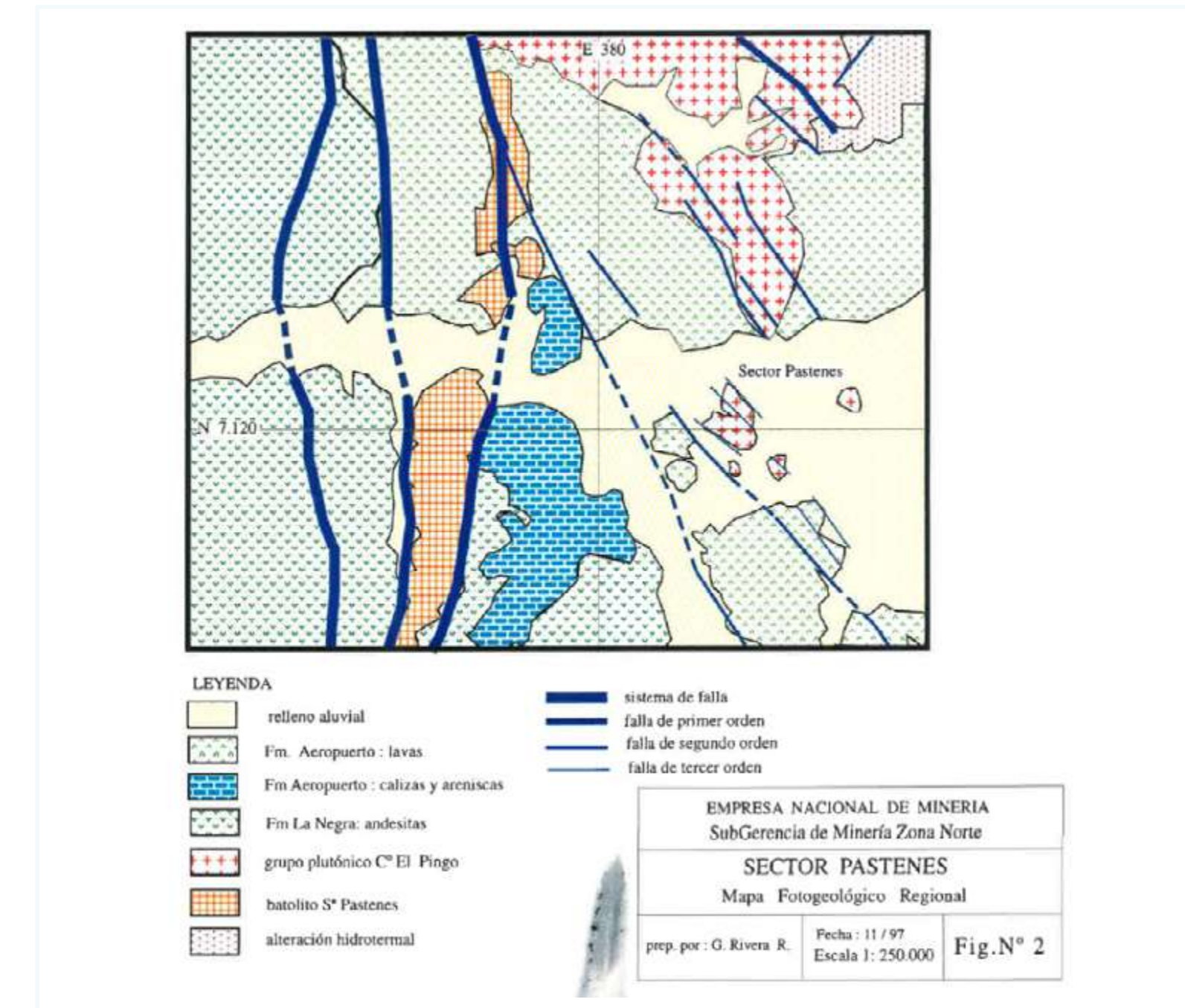


Location

It is located 60km northeast of the city of Chañaral and 70km southeast of Taltal, in the Pampa Capitana sector, commune and province of Chañaral, Atacama region.

Access

Access from Diego de Almagro by route 5N, 17km of paved road, then secondary road C-147 for 17 km, then 6km by bichofita road C-125, and finally 16km by road C-139.



Target

- Continuity of Veta Pastenes.
- Exploratory drilling in the IP anomaly detected in the northern part of the prospect.

Additional Comments

Zone with interesting IP anomalies in the northern sector of the prospect, with drilling expected soon.

Resource Estimates

The total geological resource corresponds to 9,889,139 tons with an average grade of 0.60% total copper, 0.14% soluble copper, 0.46% insoluble copper, 0.12 g/t gold and 17.1% iron. For calculation purposes, a density of 3.0 t/m³ has been used.

Contact: Alamiro San Francisco Vera

@: asfcomin@gmail.com

Project Operator

Cía. Minera Campanario Minerals Ltda.



Objectives

For sale or looking for an investment partner.



Basic Project Information

Mesothermal Co mantle.



Type of resource to be extracted

Co



Deposit type

Volcano-sedimentary continental and marine rocks of Triassic and Jurassic age, together with intrusive rocks of Jurassic age.



Development stage

Basic exploration (Follow-up).



Property size

900 ha



Highlights

The discovery works date back to 1899 with the abandonment of the "Terremoto" mine, after that, during 1934 - 1935 the waste rock was mined with grades of 5% Co. This exploitation is restricted to an old workings of 25m by 25m and 5 to 6m deep, the power of the exploited body is estimated in 4m. It seems that the reason for this stoppage in the exploitation is due to a discontinuity of the mineralization and the lack of an adequate exploration.



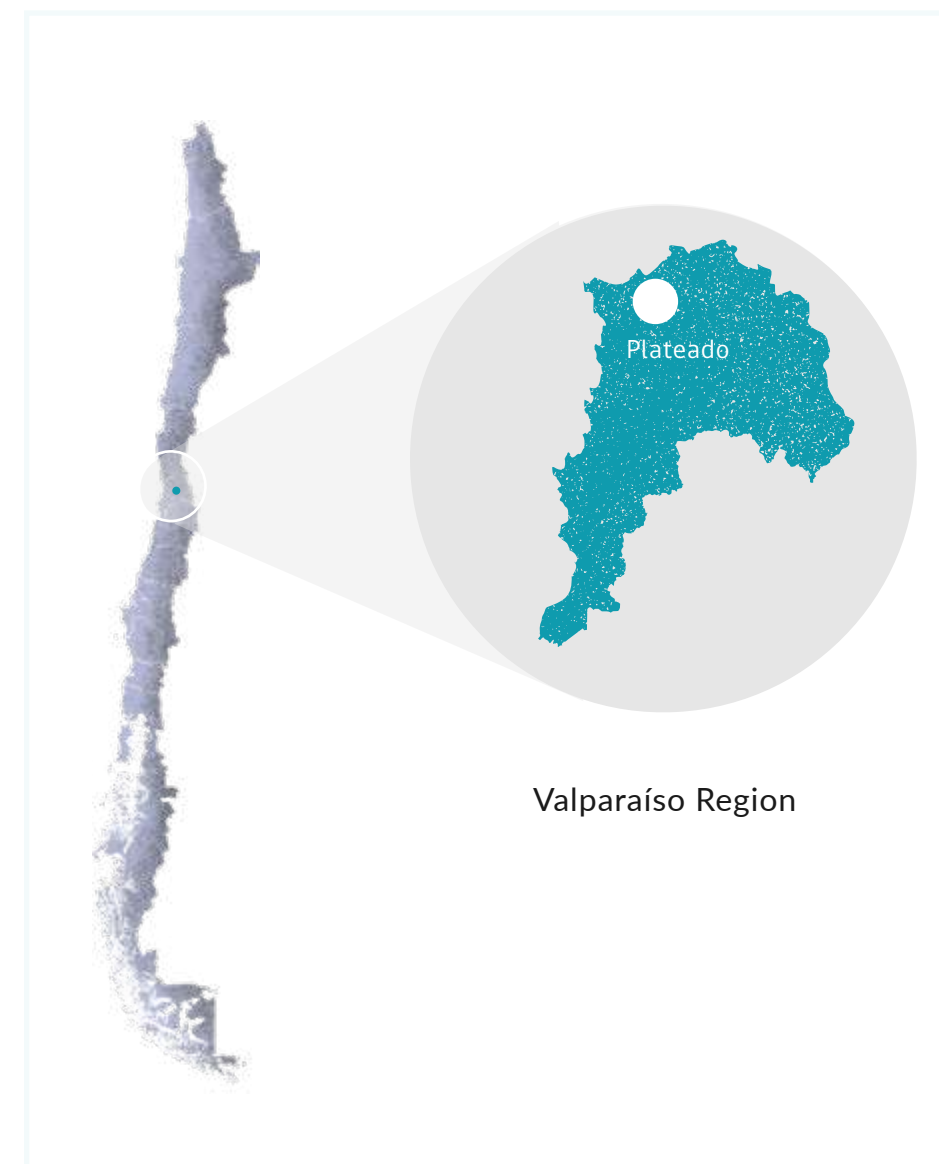
Relevant project geological information

The mineralization is located in a rocky metamorphosed rock of N 10°E/30°W attitude of 1,400m in height. Cobaltite is found in veinlets and disseminated, erythrite as a decomposition of cobaltite and disseminated chalcopyrite associated with cobaltite, located on a translithospheric fault. Important potential of estimated cobaltiferous ore, the geological experience indicates a superficial expression of a more important mineral event at depth, so the probability of finding greater resources with an adequate exploration is high.



Description of Company/Economic Group

Company focused on the mining business.

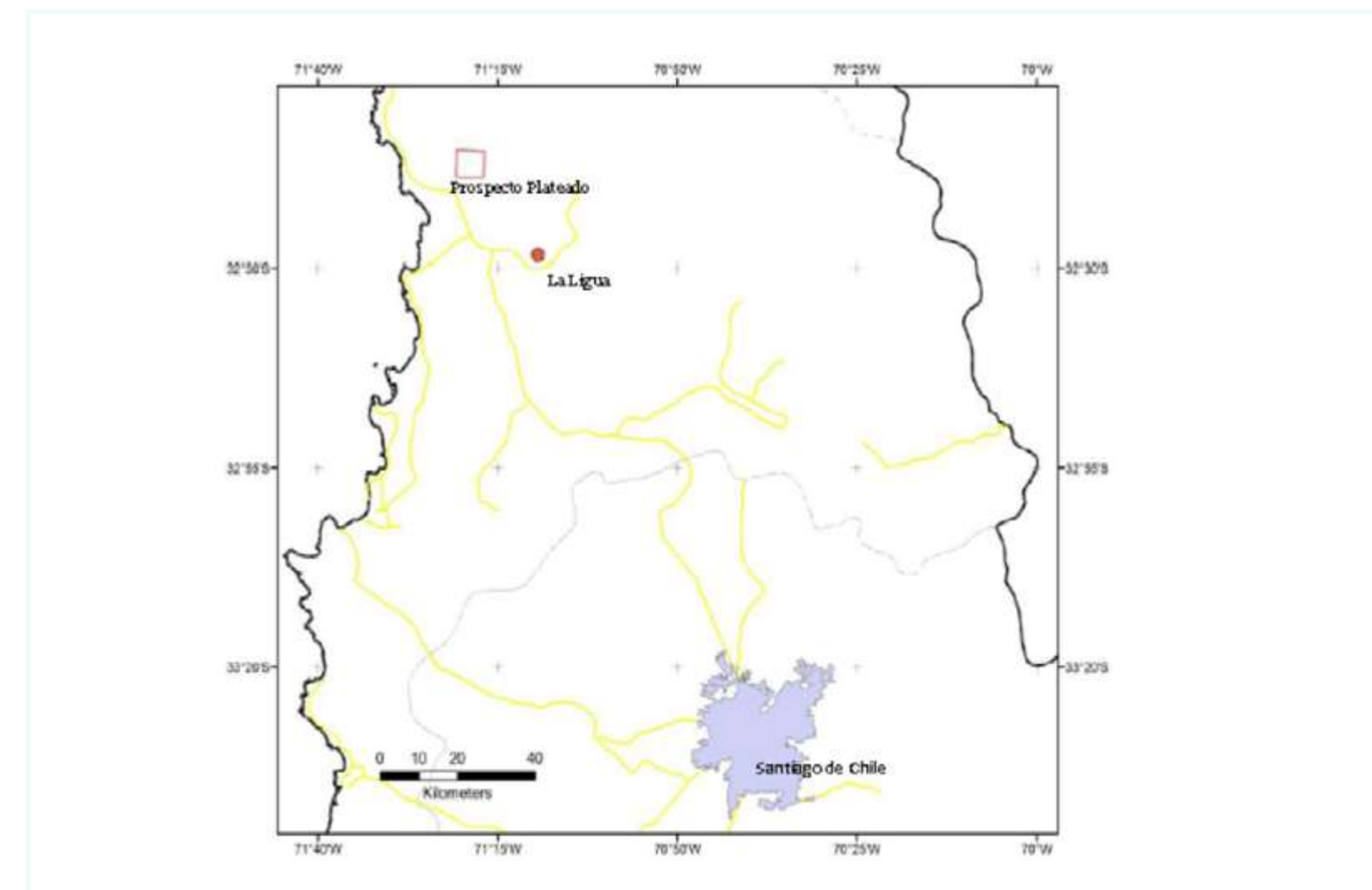
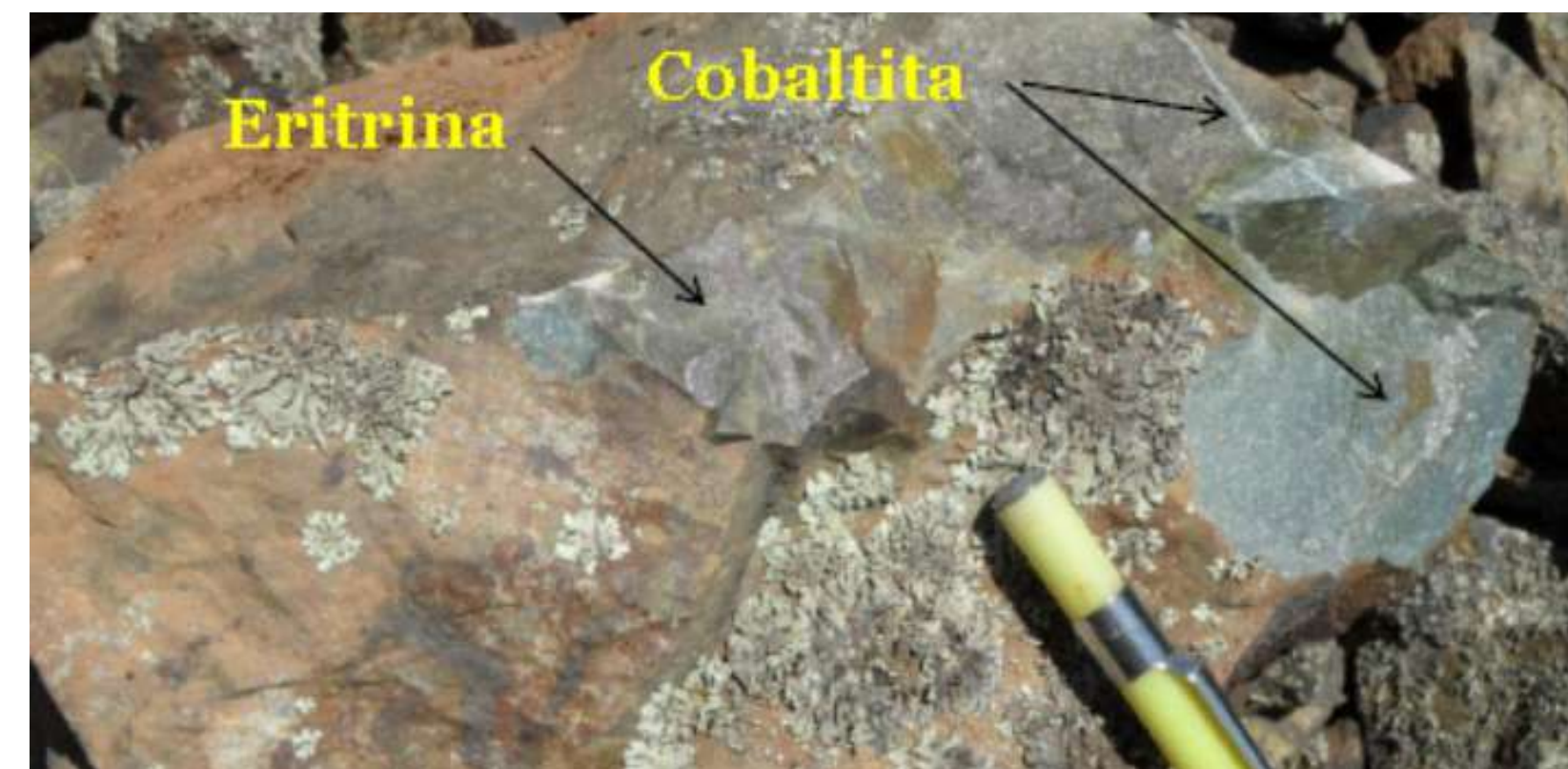


Location

Located 130km northwest of the city of Santiago and 30km northwest of the city of La Ligua, Valparaiso region.

Access

Year-round access by paved roads.



Contact: Alamiro San Francisco Vera

@: asfcomin@gmail.com

Project Operator

Cía. Minera Campanario Minerals Ltda.

Basic Project Information

Cu porphyry Cu with Mo subordinate mineralization .

Type of resource to be extracted

Cu - Mo

Deposit type

Porphyry of lower - Upper Cretaceous age.

Development stage

Basic exploration (Follow-up).

Property size

4,000 ha

Best Drilling Intercept

SA19-07 (3m-104m) 101m@780ppm Cu - 13ppm Mo, (66m-104m) 38m@1245ppm Cu - 25ppm Mo (98m-104m) 6m@ 4074ppm Cu - 6ppm Mo (162m-200m) 38m@329ppm Cu - 5ppm Mo.

Objectives

Project in early exploration stage, requiring financial support to reach the advanced exploration stage.

Relevant project geological information

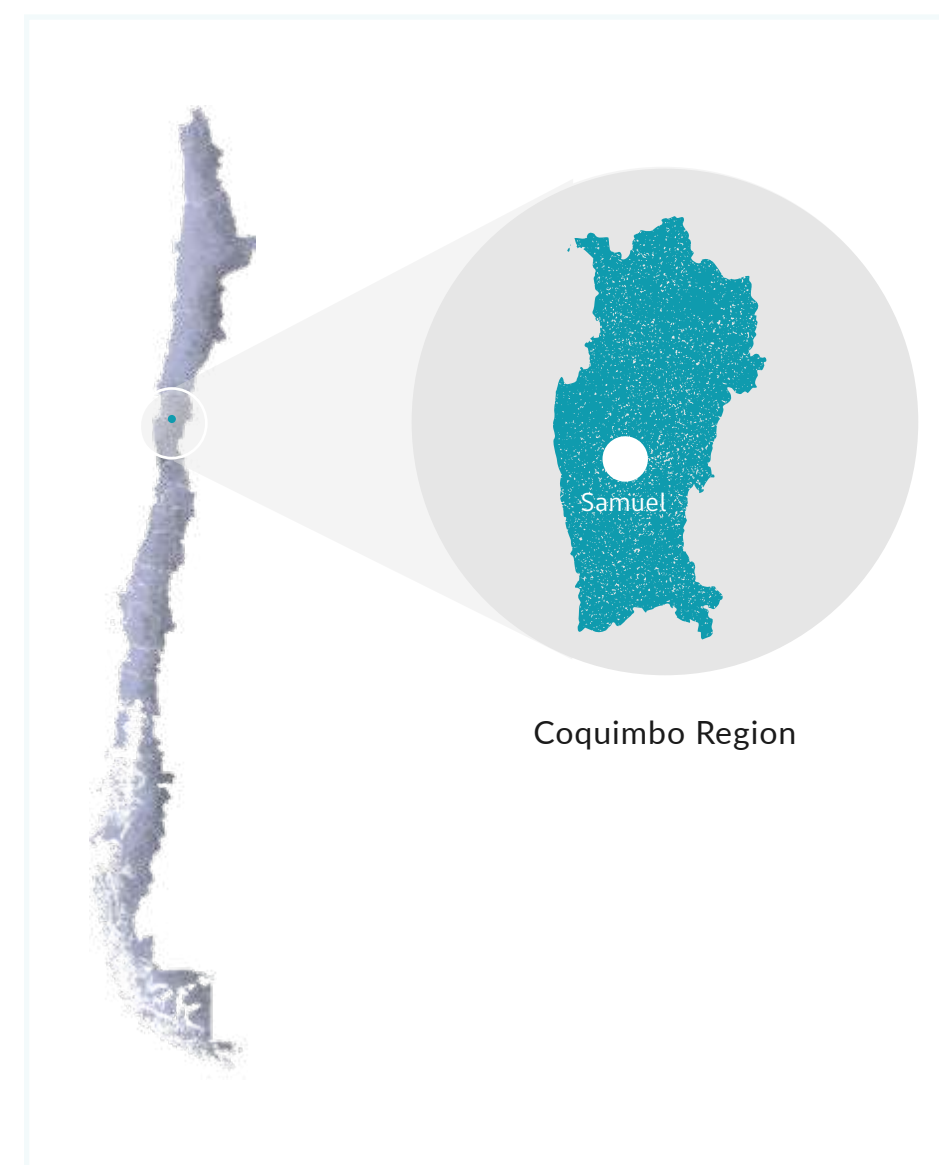
Existence of monzodioritic, monzonitic, syenitic and andesitic porphyries intrude intrusive rocks and volcanites of the Quebrada Marquesa Formation, generating hydrothermal alteration and stockworks of Qz - Cu veinlets. Structurally, the area of interest is located in the northeast continuity of the El Culén and Los Mantos faults, with a length of 4km and width of 2.7km.

Target

- Information on geophysical magnetometry and IP, drilling and rock geochemistry.

Description of Company/ Economic Group

Company focused on the mining business.

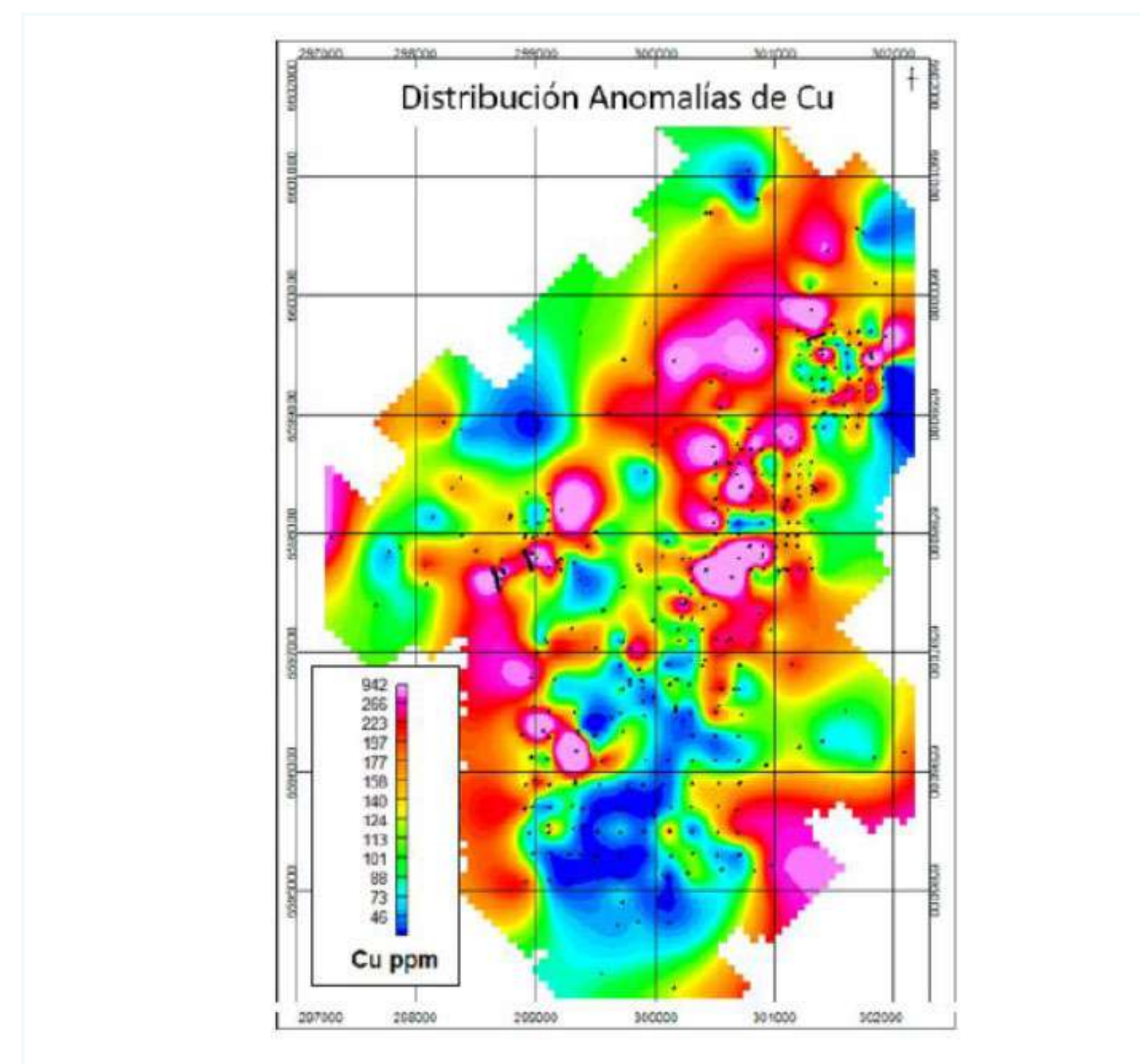


Location

Located 17km southeast of the city of Ovalle and 50km south of the Andacollo Cu-Au porphyry, Coquimbo region. The prospect is at an average altitude of 500 meters above sea level.

Access

Year-round access by paved and dirt roads.



Contact: Pablo Rodó

@: pablorodo@gmail.com

Principal Shareholder

CM Atacama

Project Operator

CM Atacama

Basic Project Information

Vetiform with high and low grade Fe mineralization.

Type of resource to be extracted

Fe

Deposit type

Vetiform and massive in high grade zones with stockwork veinlets and disseminated in low grade zones, Upper Jurassic age.

Development stage

Basic exploration (Follow-up).

Property size

1,500 ha

Highlights

Geological potential of 40 to 45 Mt of 41-58% FeT and 32-45% magnetic Fe. The deposit has a favorable location in terms of roads, ports, power and population centers. Start of construction of crushing and magnetic concentration plant in February 2023, 2 mining and mining plans approved for 10,000 tons/month. Start of production March 15, 2023.

Objectives

Production of 10,000 t/month of 63% Fe concentrate to be sold to CMP at Puerto Totoralillo.

Relevant project geological information

In general, in the different concessions the predominant Fe mineralization is high grade magnetite with lower percentages of hematite and martite, especially in the superficial parts of the outcrops that are exposed to natural weathering causing oxidation in the rocks.

At district level, major lineaments of N10°-20°E strike are observed, which control outcrops of elongated rocks in that same direction, and lineaments of approximately N45°W strike and which are probably later than the major ones of NE direction.



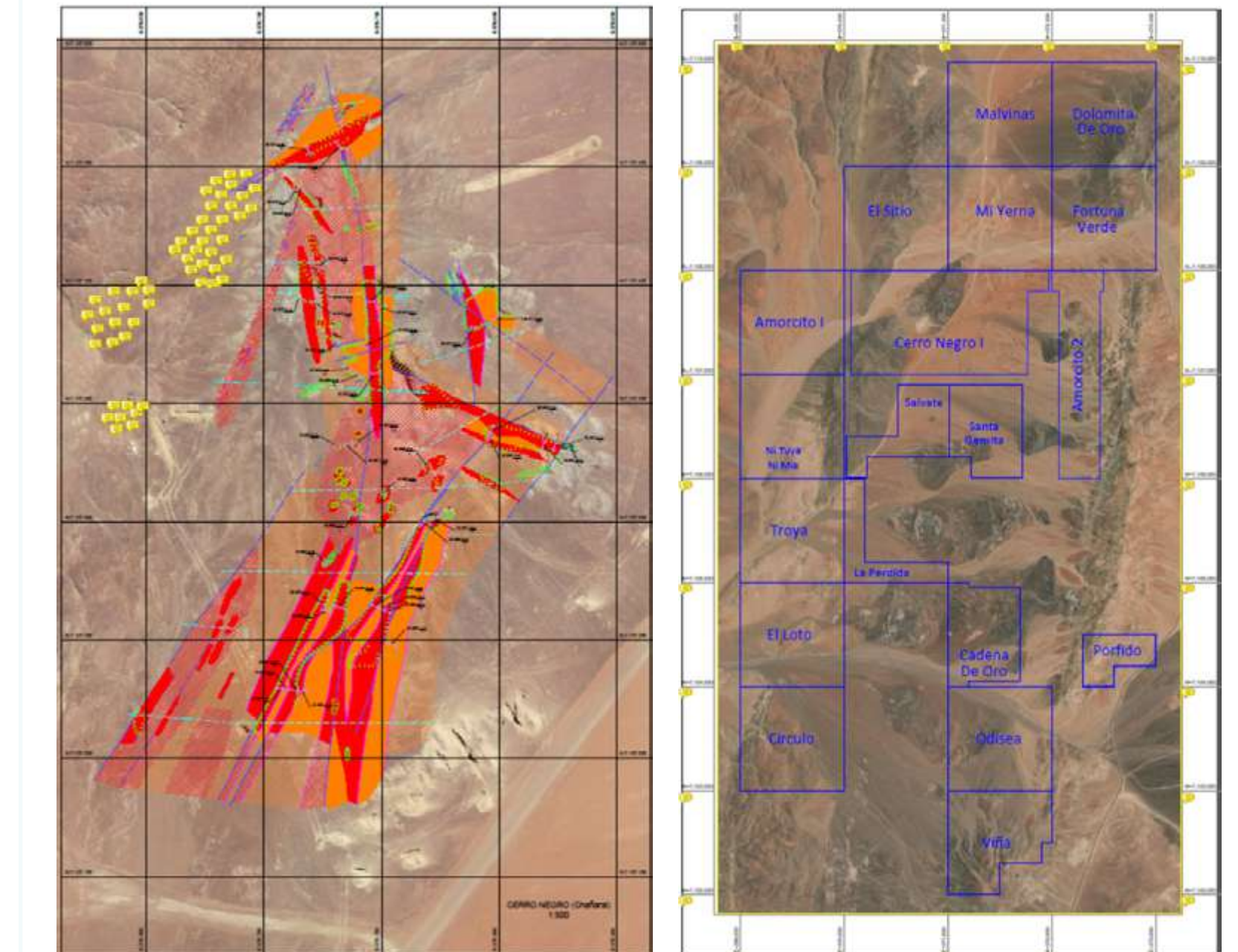
Atacama Region

Location

Located 40km northeast of the city of Chañaral on the coastal mountain range, Atacama region. This prospect is located at an altitude of 910 meters above sea level.

Access

Access from Chañaral is easy all year round along Route 5-N that leads to the city of Antofagasta, then travel 20 km and take Route C-145 or C-125, which are built in bischofite, along this route you will travel 22 km to the Cerro Negro Chañaral project.



Target

- Cerro Negro I, 300m long and about 250m wide.
- Cadena de Oro Concession / Pirulita Concession.
- San Alberto Concession.

Description of Company/ Economic Group

Compañía Minera Atacama SpA main objective is the development of exploration, evaluation and exploitation of mineral resources.

Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information

Low sulphidation epithermal Cu.

Type of resource to be extracted

Cu

Deposit type

Epithermal of Miocene age.

Development stage

Basic exploration (Follow-up).

Property size

4,500 ha

Best Drilling Intercept

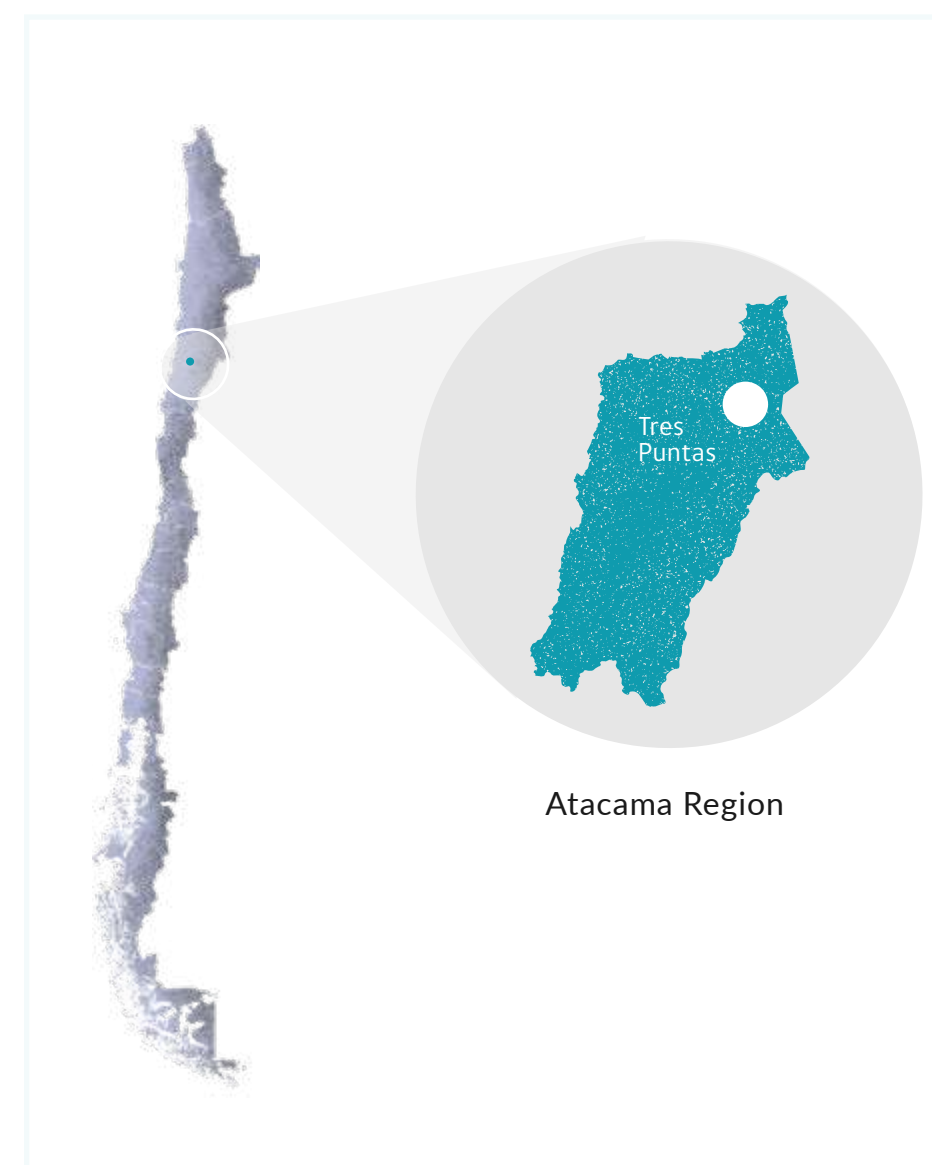
It has 6 drillings carried out in 2 seasons, one of which showed 8m of 0,35g/t Au (well RDH-TRP-002), from 252m (including 2m de 0,58g/t Au), while the well RDH-TRP-006 cut 2m of 0,16g/t Au from 126m and 0,11g/t Au from 196m.

Project Description

Prospect has geological mapping at a scale of 1:10,000, construction of 3.6 km of trenches - roads and the collection of 192 soil samples. It presents sampling campaign information with a total of 113 rock-chip samples. Additionally, it presents construction of trenches, access roads and a geophysical survey of 9 CSAMT 2D lines covering the project area, in addition to petrographic and geochronological studies. This stage ended with the drilling of three reverse air boreholes.

Relevant project geological information

In a 2.5km x 1.5km area of AA alteration characterized by Qz-alunite with two zones of Steam Heated and opaline silica, with greater development of the latter in the south. The argillic alteration is present in parts of the system, affecting the base of domes. As for the epithermal system, it presents a potential for gold, copper and molybdenum exploration.

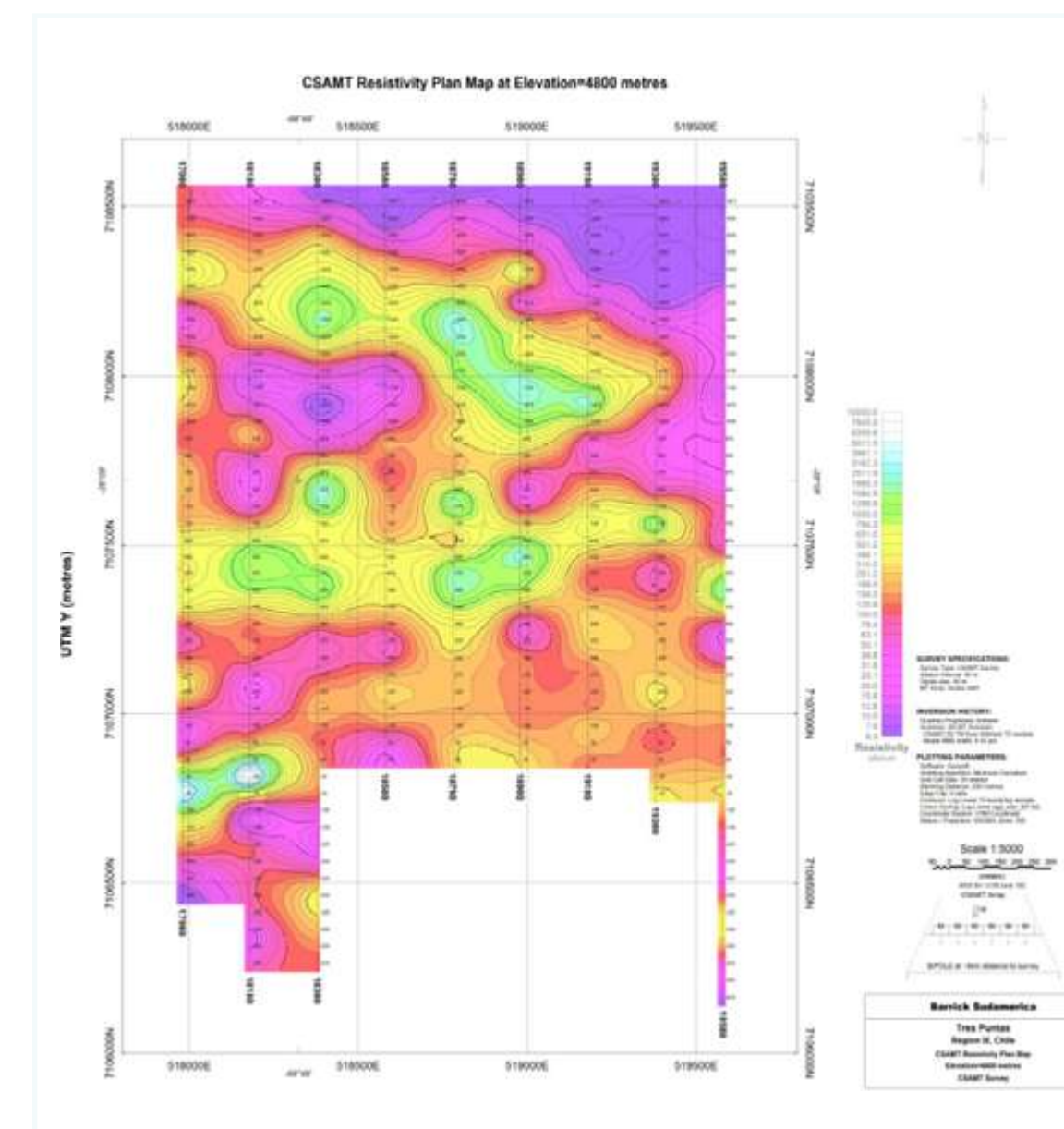


Location

Located 90km east of El Salvador mine, Atacama region. The prospect is located at an altitude between 4,900 to 5,300 meters above sea level.

Access

Access from Diego de Almagro, by asphalt route C-163, and then using the network of gravel roads to the Salares Norte project.



Target

- Potential to contain low grade epithermal Au-Ag and/or Au-Cu deposits, which in the Maricunga belt correspond to deposits with resources of not less than 200Mt with 0.5 - 5 gr/t Au.

Additional Comments

Recognition of favorable structures and lithologies in the prospect area with porphyry copper potential at depth. Geochemistry from the analysis of rock samples indicates anomalous Au values.



Advanced
**EXPLORATION
PROJECTS**

Contact: Richard Tapia @: rtapia@equusmining.com

Form of Financing
ASX: EQE

Project Operator
Compania Minera Cerro Bayo SpA

Principal Shareholder
Equus Mining

Reporting Code
JORC

Project Description
Mining project with a history of exploitation for more than 20 years and which today is in a phase of searching for new resource potential.

Basic Project Information
Epitermal de baja sulfuración Au con mineralización de Ag subordinado.

Type of resource to be extracted
Au - Ag

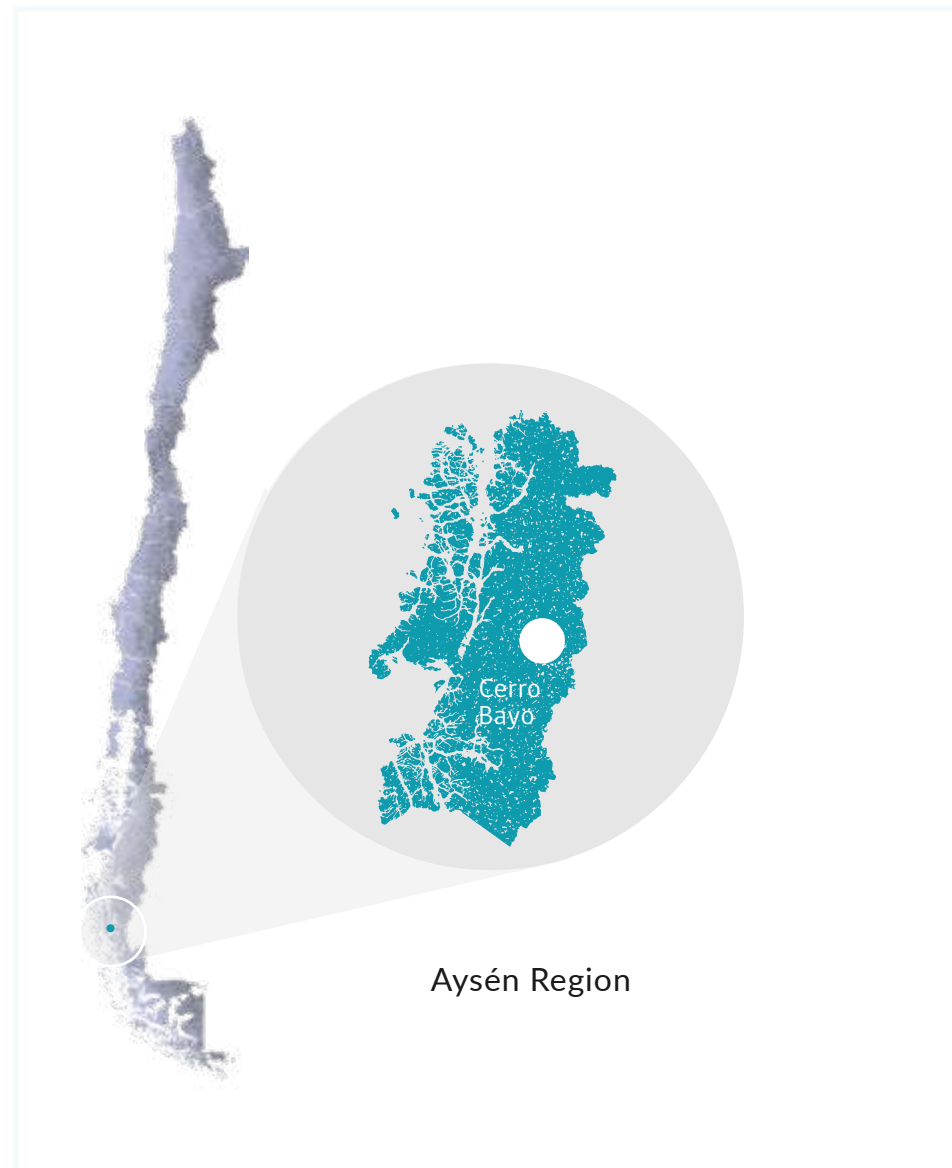
Development stage
Exploration Advanced.

Property size
28,631 ha

Objectives
Implement exploratory drilling plan during 2023 (15,000m) in order to discover and define resources and complete exploitation studies to supply the fleet plant (0.5Mtpa).

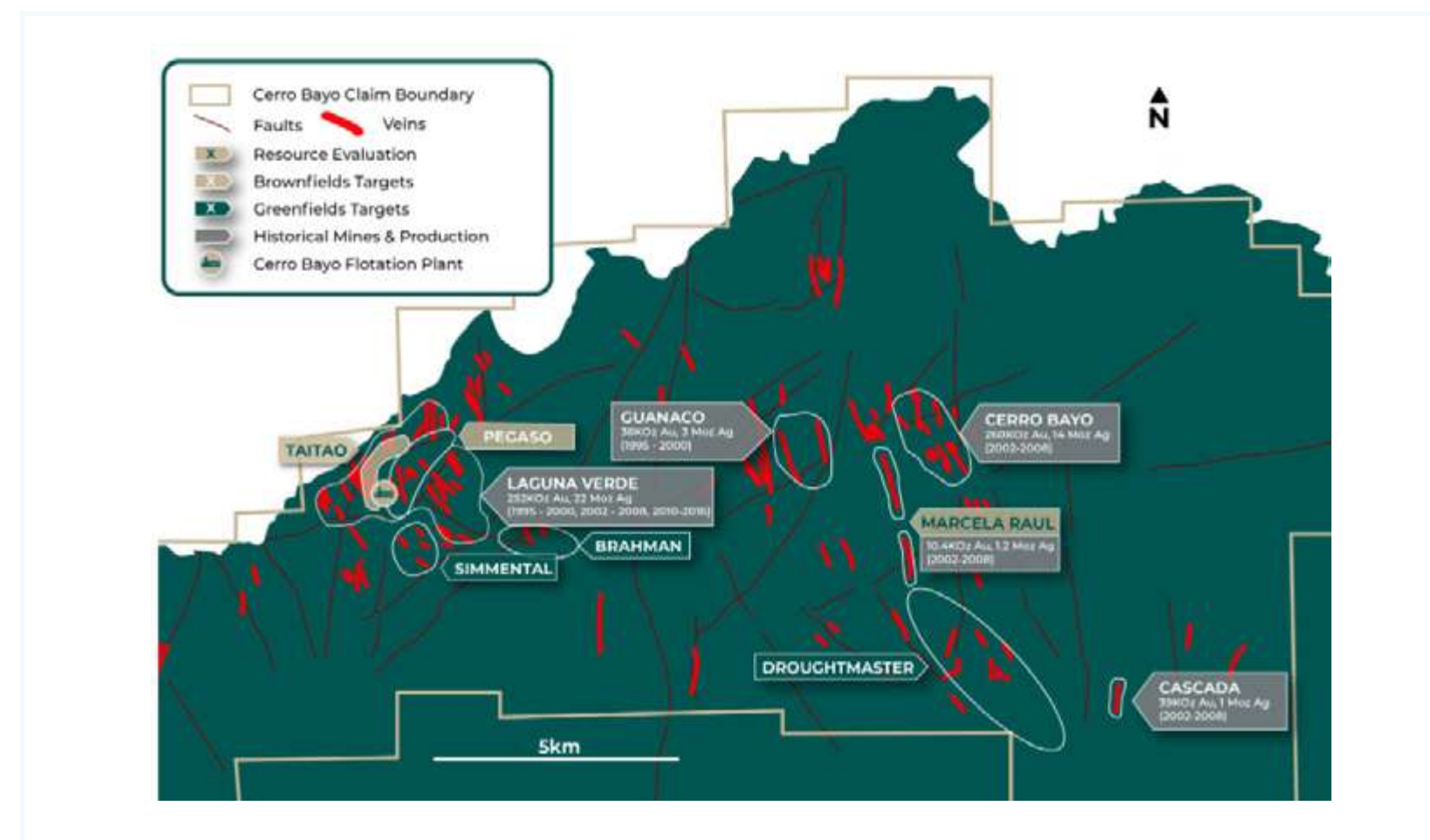
Relevant project geological information
It has drill holes, with inferred resources of 302Koz AuEq @ 2.5 g/t AuEq (JORC 2020) and historical mining of 650Koz Au, 45MOz Ag at an average grade of 5.4 g/t AuEq. For more information visit www.equusmining.com.

Highlights
Located in a historic mining district of important medium scale development (pit and subway) with historical production (1995-2017) of 650Koz Au, 45MOz Ag at an average grade of 5.4 g/t AuEq. The prospect has a flotation plant and tailings dam under maintenance (650K tons/year) that achieved recoveries of 90% Au and Ag for which its concentrate had a high payability rate (> 97.5%).



Location
Located 15km west of the town of Chile Chico, Aysen region.

Access
Year-round access through paved and gravel roads.



Descriptions
Mining experience with a focus on exploration and with a high professional challenge to develop in the medium term a new operational process of exploitation.

Best Drilling Intercept
New exploration target named Appaloosa: DDH Intercepts 8.76m @ 8.05g/t AuEq (4.9 g/t Au, 237.4 g/t Ag), 4.14m @ 17.9 g/t AuEq (11.0 g/t Au, 520.0 g/t Ag).

Target

- Appaloosa Fault, Guanaco, Droughtmaster.

Resource Estimates
Taitao: 302Koz AuEq @ 2.5 g/t AuEq (JORC 2020) Marcela-Raul Mine: 73.0 Koz AuEq @ 6.3 g/t AuEq (NI-43.101 2017).

Description of Company/ Economic Group
Group of professionals focused on the development of mining projects.

Additional Comments
The Cerro Bayo project will give a new economic boom to the town of Chile Chico.

Contact: Gonzalo Vergara S. / gvergaras@enami.cl
 Antonio Videka S. / avideka@enami.cl
 Francisco Encina V. / fencina@enami.cl

Project Operator

Empresa Nacional de Minería (Enami)

Basic Project Information

IOCG type polymetallic mineralization.

Type of resource to be extracted

Cu - Au - Fe

Development stage

Exploration Advanced.

Property size

3,000 ha

Highlights

The prospect is located on the main branch of the Atacama Fault System (AFS), which concentrates most of the Cu, Fe and Au deposits along the strip of the Coastal Range.

Project Description

Prospect in advanced exploration, and in exploitation by parceling system.

Relevant project geological information

Drilling intercepts irregular ore bodies that have a tendency to follow lithological limits, however it is the structures present that restrict mineralization. Oxide and sulphide levels are not in contact.

Resource Estimates

28 Mt of 0.81% oxides and 16 Mt of 0.84% total copper, for sulfides, both with 24% Total Fe.



Location

Located 30km northwest of the city of Diego de Almagro, in the municipality of Chañaral. The reference UTM coordinates are N 7,103,500m and E 374,500m, with an average altitude of 1,230 masl. Atacama region.

Access

Access from Diego de Almagro by route 5N, 17km of asphalt road, then secondary road C-147 for 17 km, then 6km by bichofita road C-125, and finally 5km by road C-139.



Target

- Exploration in the southwest sector to evaluate the lateral continuity of the deposit's copper oxide mineralization through northeast structures that cut and limit it.
- Exploration in the southeast sector, to evaluate the lateral continuity of the copper mineralization of the deposit, from the northwest faults that drive the mineralization and the NE faults that cut it.
- Exploration of the northern sector to evaluate the longitudinal continuity of the copper oxide bodies of the deposit located in the northwest area. It is also intended to explore the continuity at depth of the Cu sulfide bodies.

Additional Comments

Location on the Atacama fault system.

Contact: Mario Valdés B. @: mvaldes@carmenbajo.cl

Project Operator

Compañía Minera Sali Hochschild S.A.

Basic Project Information

Cu hydrothermal breccias with Mo subordinate mineralization.

Type of resource to be extracted

Cu - Mo

Deposit type

Hydrothermal breccia of Paleocene age.

Development stage

Exploration Advanced.

Property size

720 ha

Highlights

Estimated potential of 30 Mt.

Relevant project geological information

Presence of small-scale historical mining in the oxidation zone. It has surface mapping, surface geochemical sampling, IP geophysical profiling and partially drilled. This prospect considers hydrothermal breccias with Cu-Mo mineralization and a Cu-Mo target in a cluster of quartz-tourmaline hydrothermal breccias.

Best Drilling Intercept

Over the total campaign of 2,500 meters carried out by the company, 42m@0.89% CuT, 24m@1.05% CuT, 12M@2.53% CuT for copper stand out. For molybdenum, 110m@685 ppm Mo, 52m@849 ppm Mo with peaks of 4887 ppm and 2700 ppm Mo.

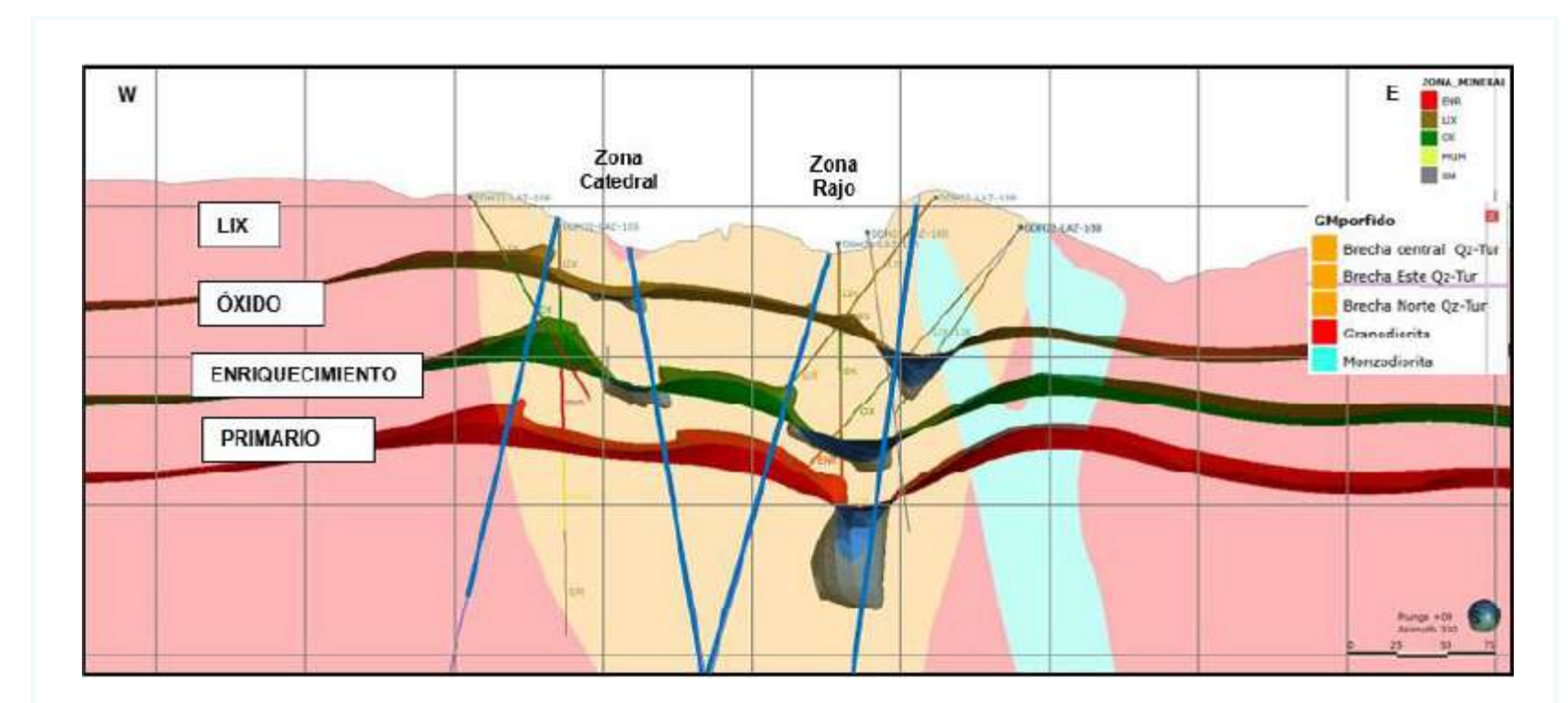


Location

Located 45km from the city of Copiapó, with an average altitude of 1,850 meters above sea level, in the Atacama region.

Access

Expedited access throughout the year by paved road and bichofita. From Copiapó, you arrive by international road (route C-17), after 16 km you must take the road to Paso San Francisco to route C-365, where you must travel 26 km to route C-367. 26 km to route C-367 towards Los Azules.



Contact: Lorenzo Barrera @: lorenzo.barrera@edrsilver.com

Form of Financing

New York-Toronto

Project Operator

Endeavour Silver (Minera Plata Carina SpA)

Basic Project Information

Low sulphidation epithermal Au with Ag subordinate mineralization.

Type of resource to be extracted

Au - Ag

Development stage

Exploration Advanced.

Property size

7,000 ha

Highlights

Advanced exploration with 20 DDH drill holes with a total of 9,094m drilled. High sulfidation deposit with hydrothermal alteration zone of vuggy silica, hydrothermal breccias and blind mantiform bodies. The area of hydrothermal alteration (potassic alunite) covers an area of 3x2km. The total target area covers an area of 5x4km, so almost 50% of the area is located under young volcanic cover without hydrothermal alteration.

Objectives

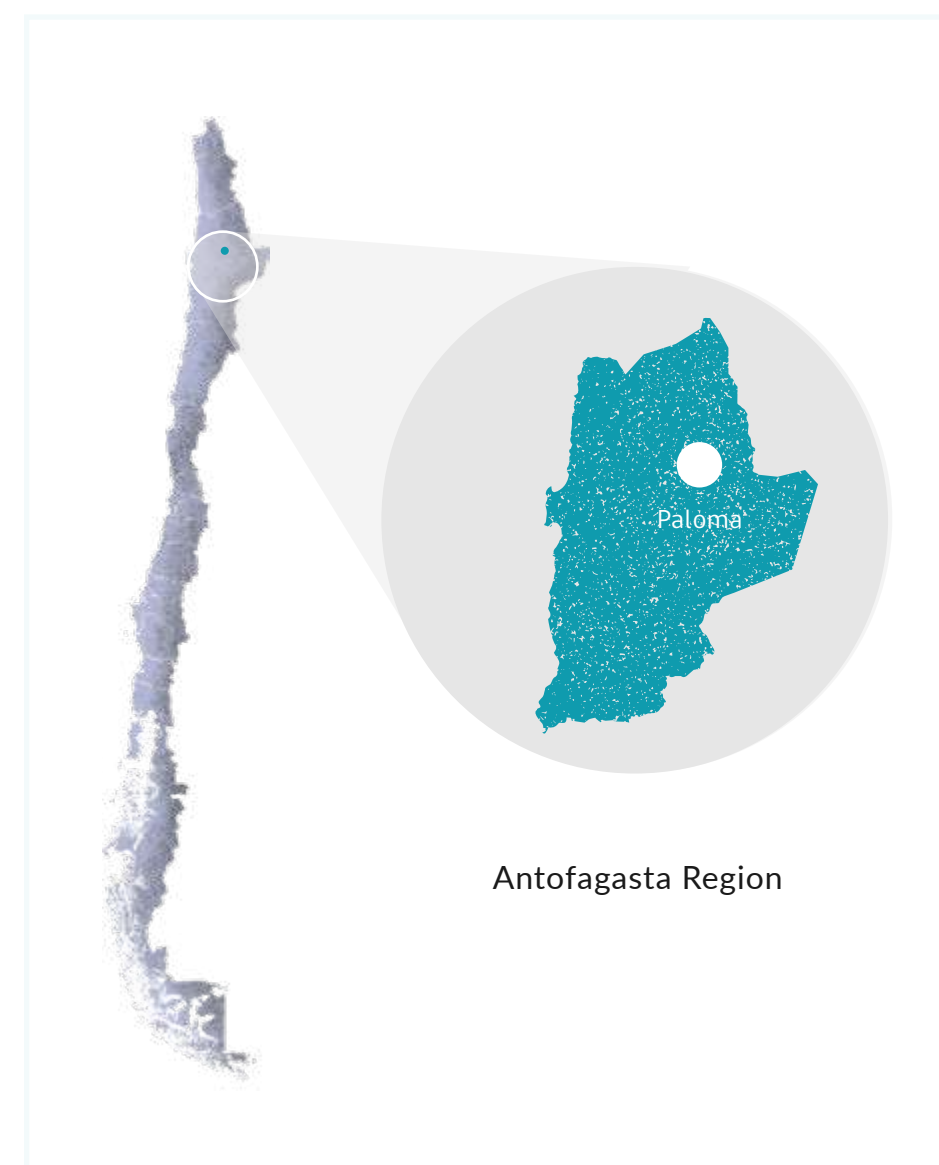
Redesign geophysical exploration with new CSAMT survey of NE direction and drilling of new targets.

Relevant project geological information

1:5,000 hydrothermal alteration area geological survey; 677 soil samples; 742 rock samples; 840 Terraspec samples; 7 CSAMT profiles for 35km; 123 km ground magnetic; 12 radiometric dating; 71 Petrography and Calcography samples; 20 DDH drill holes for 9,094m; Environmental Management Plan.

Best Drilling Intercept

1m@4.5 Au ppm; 6m@0.92 Au ppm and 3.62 Ag ppm; 10m@0.6 Au ppm and 6 Ag ppm; 33m@0.44 Au ppm and 8.8 Ag ppm.

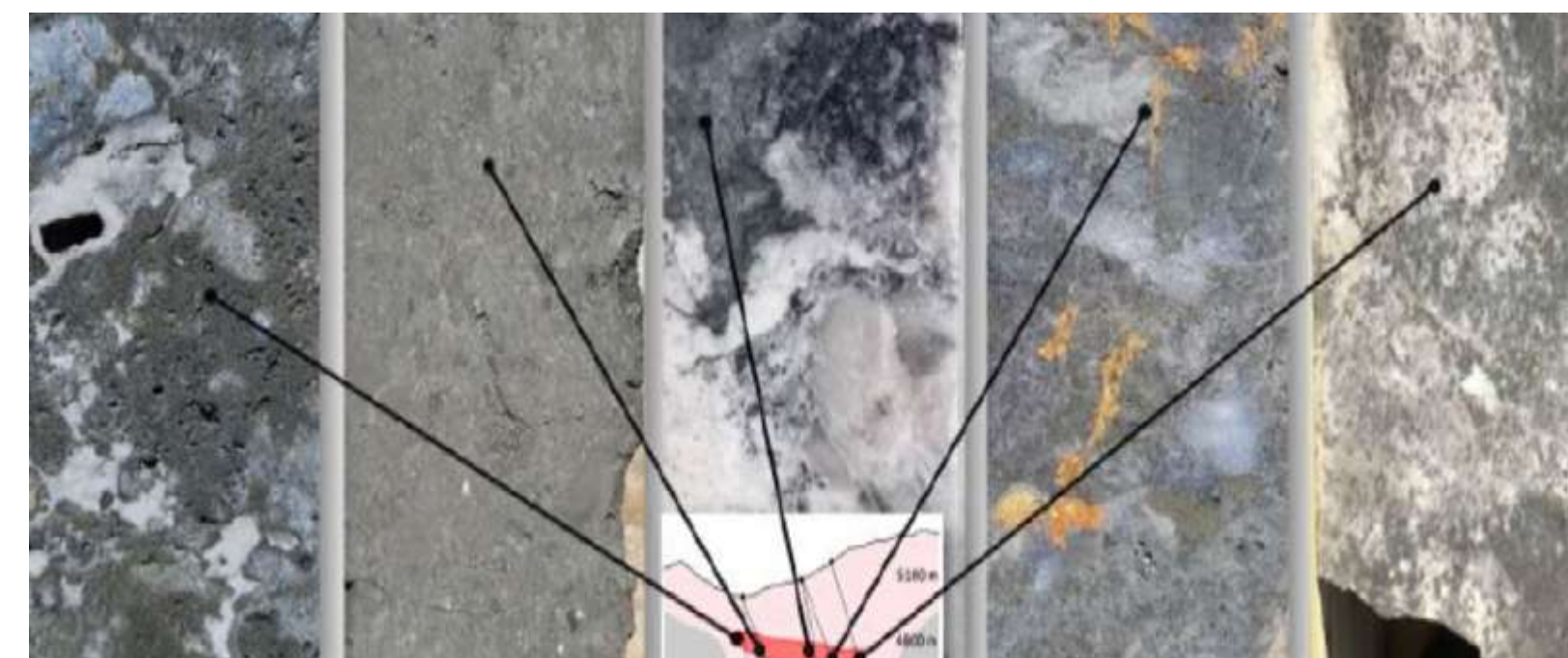


Location

Located 75km inland from San Pedro de Atacama, at an altitude of 5,100 meters above sea level, Antofagasta region.

Access

5km from Paso de Jama highway and gas pipeline.



Target

- Deep hydrothermal breccia bodies.
- Au-Ag mineralized mantle with vuggy silica development.
- Areas covered by recent volcanism.

Description of Company/ Economic Group

Production-Exploration Company with experience in epithermal deposits.



Mining
**PRE-DEVELOPMENT
PROJECTS**

Contact: Isabel Condori

@: isabel.condori@rio2.com

Principal Shareholder

Rio2 Limited

Project Operator

Fenix Gold Limitada

Basic Project Information

Low sulphidation epithermal Au.

Type of resource to be extracted

Au

Development stage

Pre mining development.

Property size

48,804 ha

Highlights

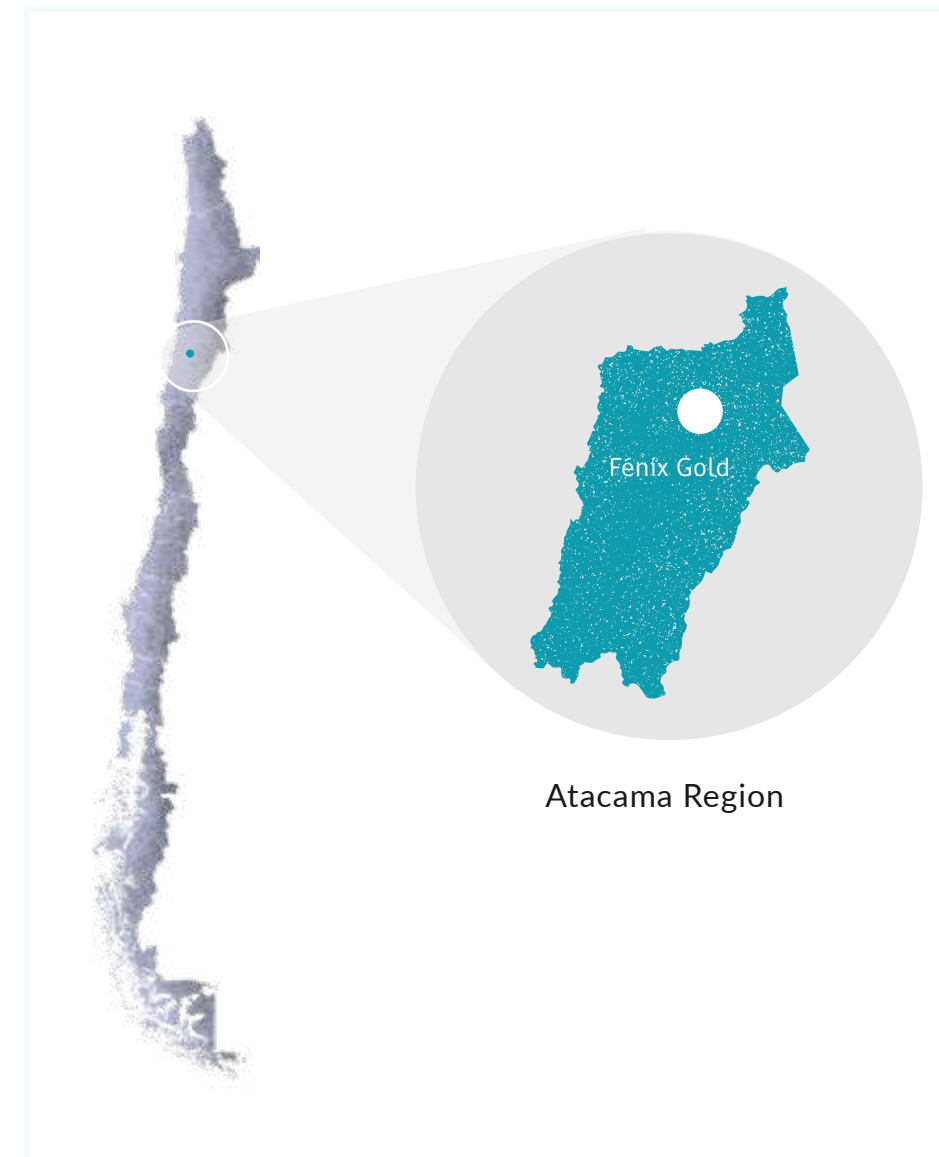
The project is located in the northern zone of the Maricunga Strip, where there are high sulfidation epithermal deposits and Au-Cu porphyries. This project will be an open-pit heap leaching project, where gold will be recovered by the activated carbon method.

Relevant project geological information

The project has a NI 43-101 technical report, updated in August 2021: https://www.rio2.com/_files/ugd/d7ae14_e469c020734340d89c6b60a04d0180d6.pdf. Additionally, it is in the process of processing the Environmental Qualification Resolution (RCA).

Resource Estimates

Measured and indicated resources of 5 million ounces of gold (5M oz Au) and a reserve of 1.8 million ounces of gold (1.8M oz Au).

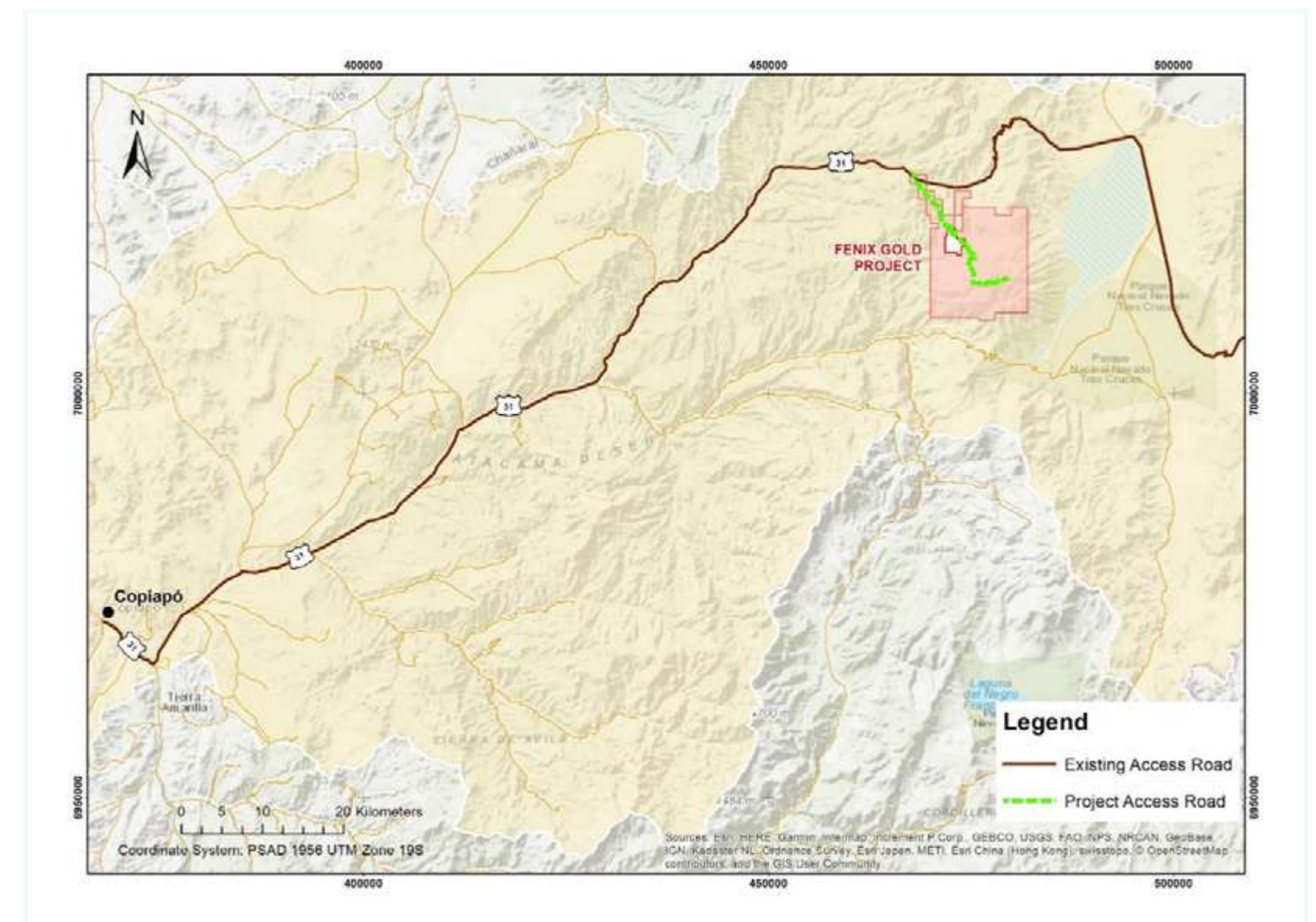


Location

Located 140km northeast of Copiapo, Atacama region. The prospect has an average altitude ranging from 4,300 to 4,900 meters above sea level.

Access

Expedited year-round access by paved roads, route CH-31 and stone aggregate roads.



Contact: Thomas Eggers

@: teggers@kuraminerals.com

Form of Financing

ASX

Project Operator

Golden Rim Resources

Reporting Code

JORC / ASX

Basic Project Information

Intermediate sulphidation polymetallic epithermal Zn with Ag - Au - Pb subordinate mineralization.

Type of resource to be extracted

Zn - Ag - Pb - Au

Deposit type

Polymetallic epithermal, Eocene - Oligocene age.

Development stage

Pre mining development.

Property size

3,900 ha

Highlights

Positive results in the feasibility study (FS) conducted by Golder in 2013 to initiate a medium size operation (1,200 t/d), where the base case financial model contemplates a CAPEX of 66.5 MUSD, a payback of 4.3 years with an IRR of 17.6% and an NPV of 62.9 MUSD. Resources remain open at depth, along strike to the SE (geophysical), to the W, where a 150 m distant hole intercepted 2 m @9.4% Zn, 2.7% Pb, 96 g/t Ag and 0.1 g/t Au and S.

Objectives

The mining sequence would start with a 3-year open pit (processing 400 kt/a of Pb/Zn sulfide and Ag-rich mixed ores), followed by a 5.5-year subway mining that will process 460 kt/a.

In addition, none of the silver oxides [approximately 296 kt at 99 g/t] have been included in the feasibility and will be stacked for future processing.

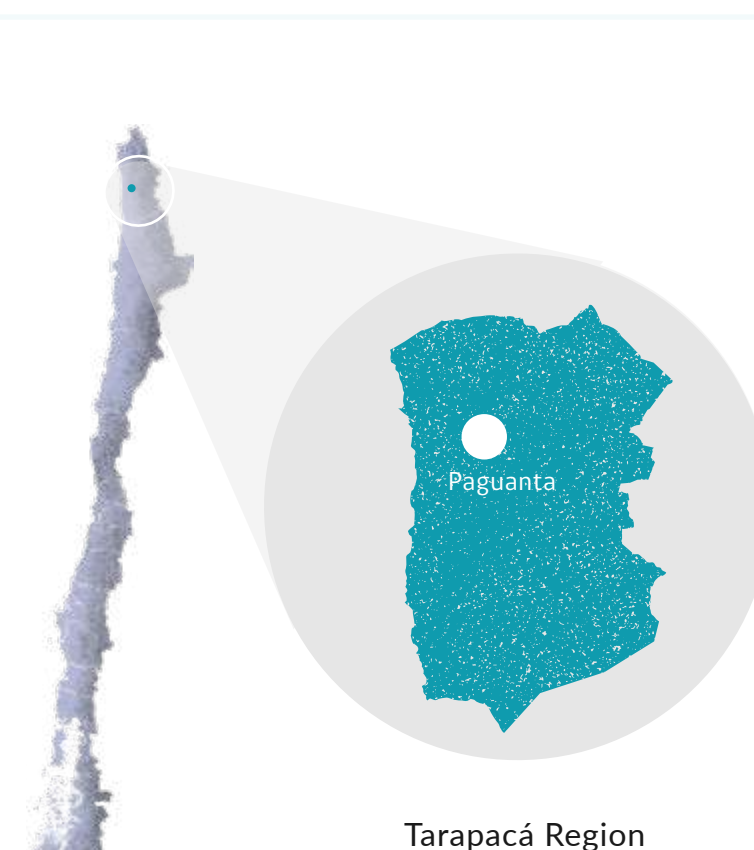
Relevant project geological information

Since 2005, the area has been systematically explored with a focus on developing a Zn-Ag-Pb-Au Tier-2 project.

Of the four hydrothermal cells defined to date, only one has been evaluated in detail, which is Patricia (2.4 Mt @8% ZnEq.).

Patricia (2.4 Mt @8% ZnEq.).

The FS identified many areas where both throughput and mine life could be significantly increased with new surface drilling.

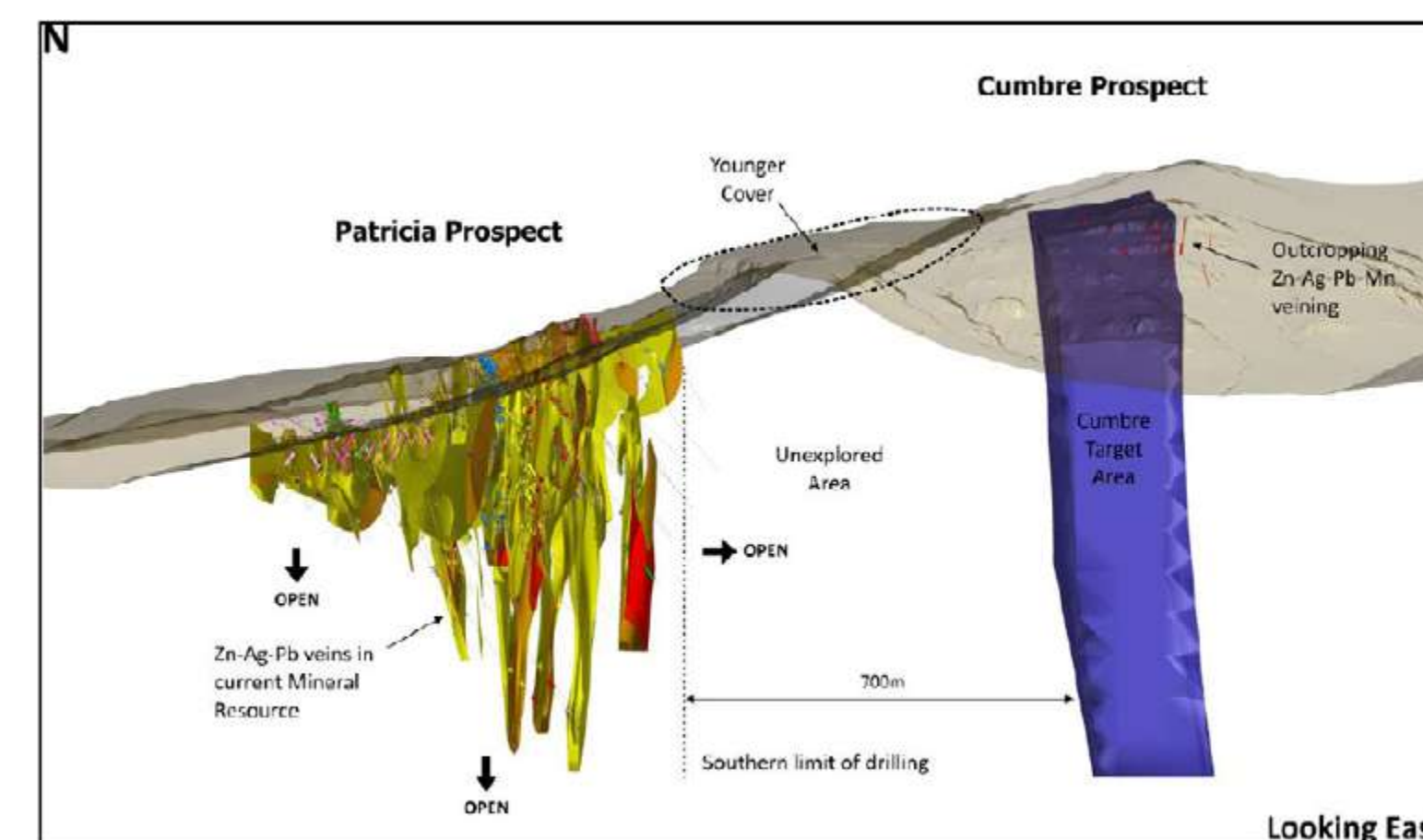


Location

Located 120km northeast of the city of Iquique, Tarapacá region. At an altitude of 3,700 meters above sea level.

Access

Main access along route A-16 to the intersection with CH-5, then to the town of Huara, continuing along route A-15 to the N to the town of Chusmisa, and finally 30 km to the E along a secondary road to the project area.



Target

- Patricia (epithermal polymetallic system - intermediate sulfidation systems based on fluid inclusions and mineralogy).
- Summit (epithermal polymetallic system - intermediate sulfidation systems based on fluid inclusions and mineralogy).
- La Rosa (similar geologic characteristics to Patricia with intense argillic alteration, Py and Cu oxides).
- Doris (presence of fractures with secondary Cu mineralization, suggesting high grade mineralization).

Resource Estimates

In 2017: JORC - 2012, estimated 2.4 Mt @5% Zn, 1.4% Pb, 88 g/t Ag and 0.3 g/t Au (8% ZnEq), with 50% of the resources as Measured and Indicated.

Description of Company/ Economic Group

Golden Rim Resources is developing advanced gold projects in West Africa. The company plans to sell its interest in the Paguanta project in Chile to focus its exploration activities in West Africa.

GLOSSARY

RCA	Resolution of environmental qualification	ppm	parts per million
DIA	Environmental impact statement	ppb	parts per billion
EIA	Environmental impact assessment	km	kilometers
SEIA	Environmental impact assessment services	m	meters
MUS\$	millions of US dollars	Cu eq.	equivalent copper
Mt	Million of metric tonnes	Au eq.	equivalent gold
kt	thousands of metric tons	Zn eq.	equivalent zinc
t	metric tons	IP	induced polarization
Moz	million ounces	DDH	diamond drill hole
ha	Hectares	RC	reverse circulation
m²	square meters	ICP	Inductively coupled plasma mass spectrometry
km²	square kilometers	masl	Meters above sea level
g/t	grams per tonne	IOCG	Iron Ore Copper and Gold deposit
%	Percentage		





2023 Edition

	Ministerio de Minería
	Gobierno de Chile

InvestChile
FOREIGN INVESTMENT PROMOTION AGENCY