



# RAMA PROJECT

**COPPER – GOLD  
IOCG / SKARN SYSTEM**

**EXPLORATION OPPORTUNITY**

Atacama Region, Chile • 2026



# Disclaimer: Forward-Looking Statements



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Technical information in this presentation is derived from the report “NI 43-101 Technical Report, Rama Project, Region III, Chile” (Effective Date: July 2026), prepared by José Pablo Astudillo Rodríguez, Qualified Person registered with the Chilean Mining Commission (QP Register No. 495), on behalf of Andina Minergy SpA, LUMAX S.A. and Ingeniería e Inversiones Cerro Dorado Limitada. The Rama Project is at an exploration stage: no drilling has been carried out and no mineral resources or reserves have been estimated. Grades cited are from surface rock samples and are not necessarily representative of mineralization across the property.

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# Executive Summary



The Rama Project covers 2,369 hectares in the Coastal Range of the Atacama Region, Chile, 43 km southwest of Copiapó, at 600–1,100 m elevation. Andina Minergy SpA, LUMAX S.A. and Ingeniería e Inversiones Cerro Dorado Limitada hold 100% interest through a consolidated block of 10 exploitation concessions, free of mortgages and liens.

The project is preliminarily defined as an iron oxide–copper–gold (IOCG) system with skarn facies, hosted in the volcano-sedimentary Punta del Cobre Formation (Upper Jurassic – Valanginian) near the contacts with Cretaceous dioritic intrusives. Thick N-S to NNE quartz-magnetite veins and stratabound metasomatic replacement bodies (skarn) developed at the contacts with high-purity limestone horizons.

Certified laboratory results from the 2024–2025 campaigns (FGF and Bureau Veritas) returned grades of up to 16.2 g/t Au and 1.54% CuT in the quartz-magnetite vein systems, with complementary gold values of 2.57, 2.13 and 1.30 g/t Au, and limestone purities of up to 96.7% CaCO<sub>3</sub>.

A 2026 advanced exploration campaign by the QP (systematic litho-structural mapping, remote sensing, 33 geochemical samples and petrography) confirmed the IOCG/skarn signature and defined three priority targets: Corredor (381 ha), Skarn (165 ha) and Noreste (97 ha).

**The property has never been drilled and sits in one of Chile’s most active copper districts: the Punta del Cobre – Candelaria IOCG corridor, immediately north of Fitzroy Minerals’ Buen Retiro project and near Super Copper’s Castilla project, a district-scale Cu-Au opportunity with certified high grades and consolidated tenure.**

# Project Overview



## Strategic Location & Infrastructure

- 43 km southwest of Copiapó; 101 km from Vallenar; 120 km from the port of Caldera.
- Access via Route 5 North and Route C-390, plus an internal network of mining roads (year-round access).
- Punta del Cobre – Candelaria IOCG corridor: 12 km NW of the Manto Negro pit, next to Fitzroy Minerals (Buen Retiro) and Super Copper (Castilla).
- High-voltage power lines run along the concession boundary.
- ENAMI purchasing facilities and plants in the Copiapó district for early production.
- Desert climate: continuous, low-risk operations twelve months a year.

## Certified High-Grade Cu-Au System

- IOCG + skarn system in the Punta del Cobre Formation, within the Chilean Coastal Belt.
- Certified assays of up to 16.2 g/t Au and 1.54% CuT (FGF 2024, Bureau Veritas 2025).
- Limestone horizons of up to 96.7% CaCO<sub>3</sub>, the geochemical trap for skarn mineralization.
- Three exploration targets defined in 2026: Corredor (381 ha), Skarn (165 ha), Noreste (97 ha).
- Never drilled system open at depth and along strike.

## Consolidated Tenure & Clean Permitting

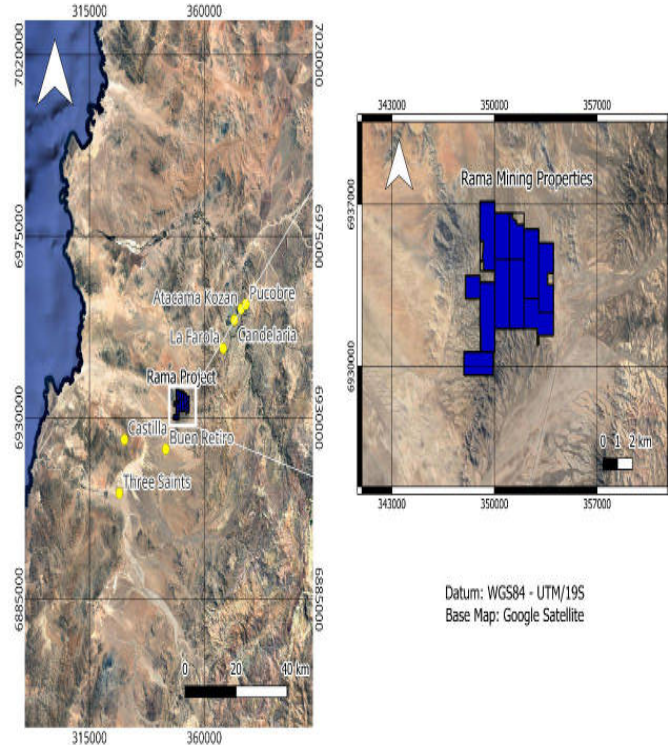
- 10 contiguous exploitation concessions totaling 2,369 ha, held 100% by Andina Minería SpA, LUMAX S.A. and Cerro Dorado Ltda.
- No mortgages, liens or prohibitions registered (Mining Registrar of Copiapó); mining patents fully paid.
- No indigenous or agricultural communities within or around the project.
- Former Pucobre exploration ground, district pedigree with intact deep potential.

## Project Overview: Location & Access

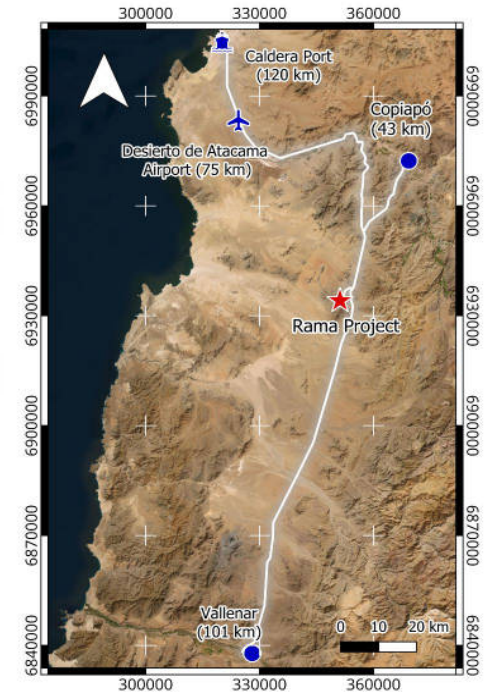
Rama is located in the Coastal Range of the Atacama Region, Province and Commune of Copiapó, in the Sierra Fritis sector, at 600–1,100 m elevation. Central coordinates: UTM N 6,933,540 / E 351,301 (WGS-84, 19S).

Main approach from Copiapó (43 km) along Route 5 North, with alternative access to the northern sector via Route C-390. A pre-existing network of internal mining roads and tracks keeps every exploration front reachable year-round (4x4 recommended).

Interior desert climate with under 12 mm of annual rainfall and virtually no disruptive weather events, permanent access and predictable, low-risk logistics.



*Location map, Rama mining properties (NI 43-101).*



Datum: WGS84 - UTM/19S  
Base Map: Google Satellite  
*Regional access map (NI 43-101).*

# A High-Interest District: Punta del Cobre

Rama sits inside the Punta del Cobre – Candelaria IOCG corridor, the most productive Cu-Au belt of the Copiapó district and one of the most active exploration addresses in Chile.

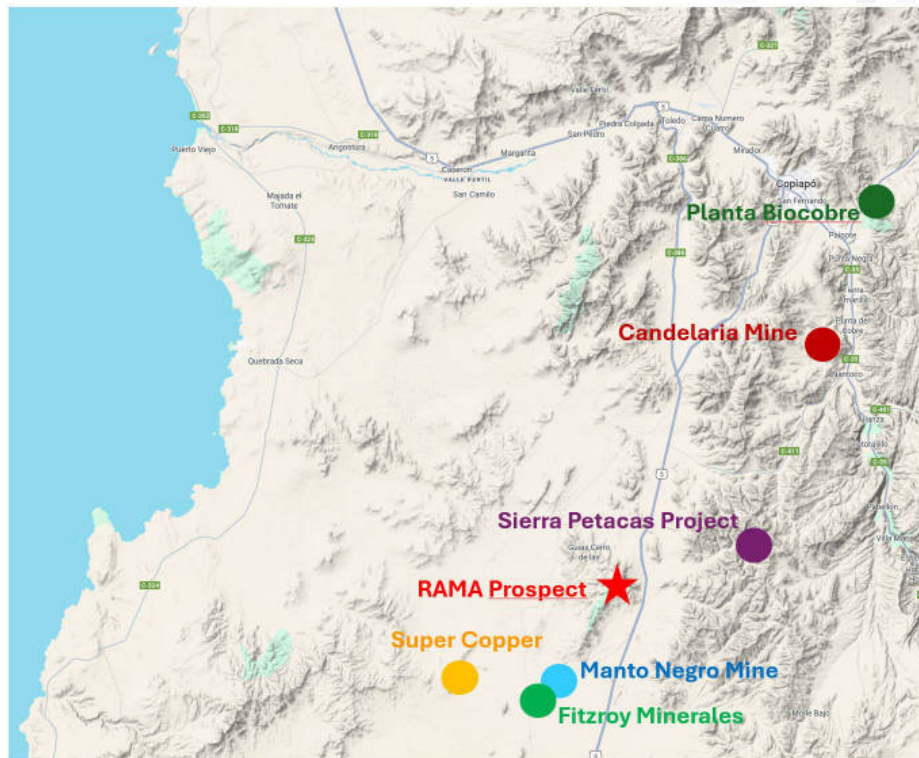
Candelaria district (Lundin Mining): the corridor's flagship Cu-Au mining complex lies 30 km northeast of the project, in the Punta del Cobre sector.

Fitzroy Minerals – Buen Retiro: Rama is the natural northern neighbor of this 13,840 ha consolidated package, backed by ~33 km of drilling, ~380 km of ground magnetics and 90 km of IP, with highlighted intercepts of 30 m @ 3.5% Cu and 135 m @ 0.73% Cu.

Super Copper – Castilla project: active Cu exploration immediately south of the property, in the same structural trend.

Manto Negro open pit 12 km southeast, Sierra Petacas project ~10 km away and the Biocobre plant near Copiapó complete an environment of operating mines, plants and funded explorers.

**Active, well-funded neighbors validate the address and support district-scale continuity of Punta del Cobre / Candelaria-style systems onto Rama ground.**



*Rama and its neighbors in the Punta del Cobre – Candelaria corridor: Candelaria (Lundin Mining), Fitzroy Minerals, Super Copper, Manto Negro, Sierra Petacas and Planta Biocobre.*

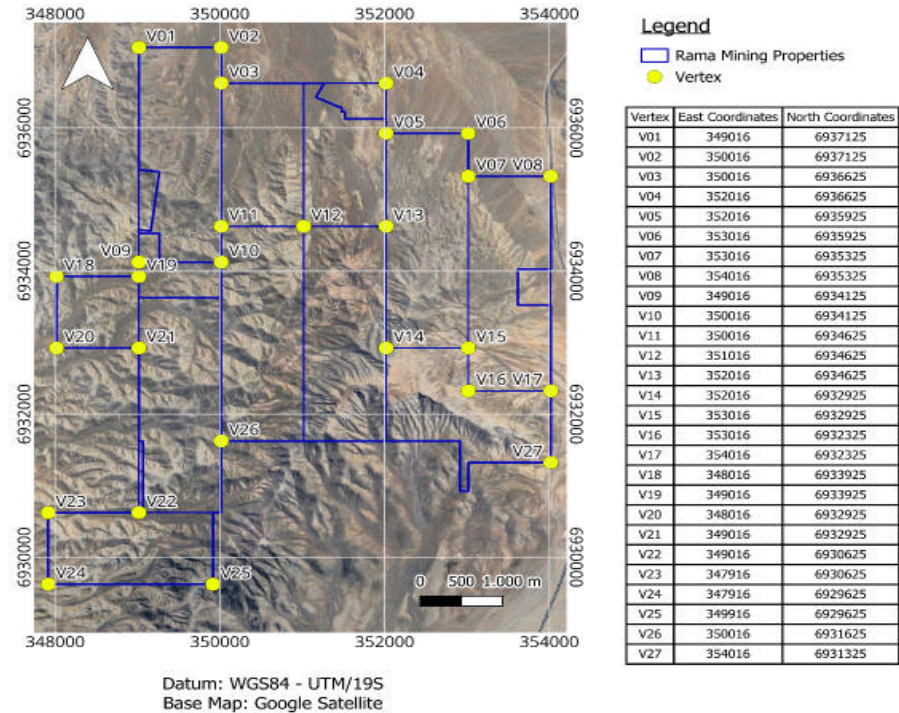
# Project Overview: Mining Property

The Rama Project comprises a consolidated block of 10 contiguous exploitation concessions covering 2,369 hectares, constituted under the Chilean Mining Code and currently in force.

All concessions are registered in the name of Andina Minergy SpA, LUMAX S.A. and Ingeniería e Inversiones Cerro Dorado Limitada, who share the property equally and hold 100% of the rights.

Certificates issued by the Mining Registrar of Copiapó confirm exclusive registered ownership, with no mortgages, liens or prohibitions of any nature; annual mining patents are fully paid, with no debts to third parties or the State of Chile.

A few small third-party claims of historical artisanal workings coexist inside the property; all are fully inactive and do not compromise the deep geological potential of the 2,369 ha block.



*Rama mining properties and boundary vertices (NI 43-101).*

# Geology & Mineralization

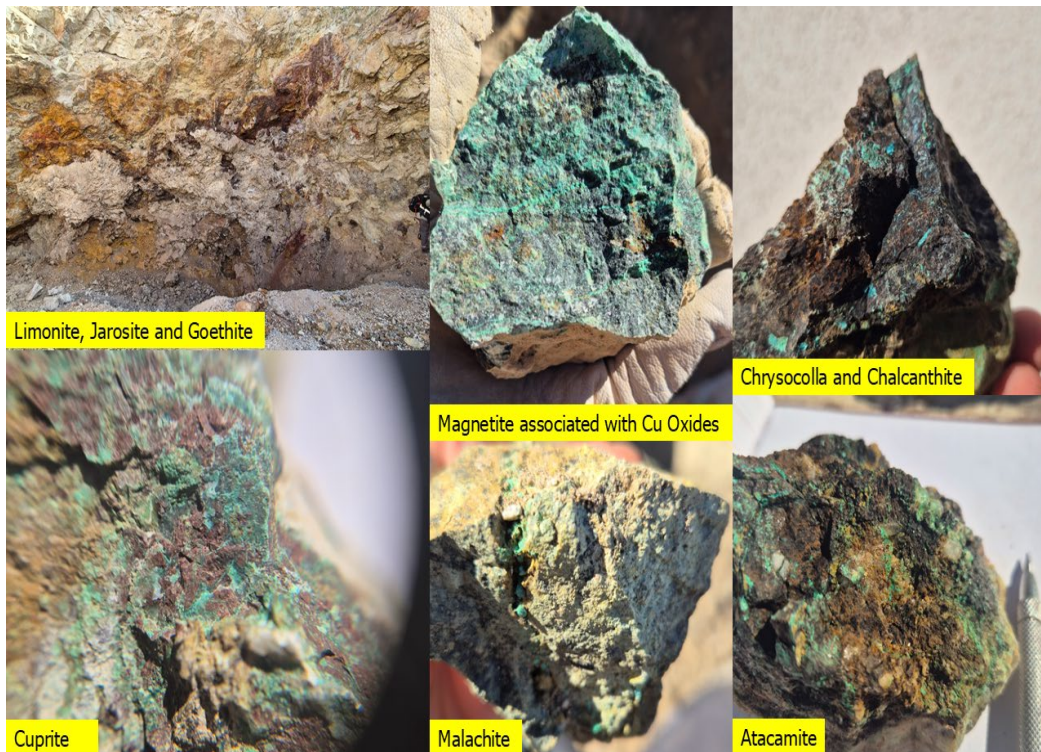
IOCG system with skarn facies in the Chilean Coastal Belt, hosted by andesitic lavas and limestone horizons of the Punta del Cobre Formation, flanked by the Barros Luco (130–120 Ma) and Sierra Atacama (117–104 Ma) dioritic intrusives.

Thick N-S to NNE quartz-magnetite veins and structural replacement zones near the intrusive contacts; early magnetite (martitized to hematite/specularite) overprinted by a late sulfide phase (chalcopyrite, bornite, local sphalerite).

Supergene zone with chrysocolla, atacamite and malachite as fracture fillings and impregnations in fractured andesites.

Skarn facies: stratabound magnetite–calc-silicate replacement bodies at the contacts with high-purity limestones (up to 96.7%  $\text{CaCO}_3$ ).

Dominant propylitic alteration (epidote-calcite-chlorite) with argillic and phyllic halos on the main vein conduits.



*District geological map (Sernageomin base, NI 43-101).*

*Mineralization occurrences, Rama Project.*

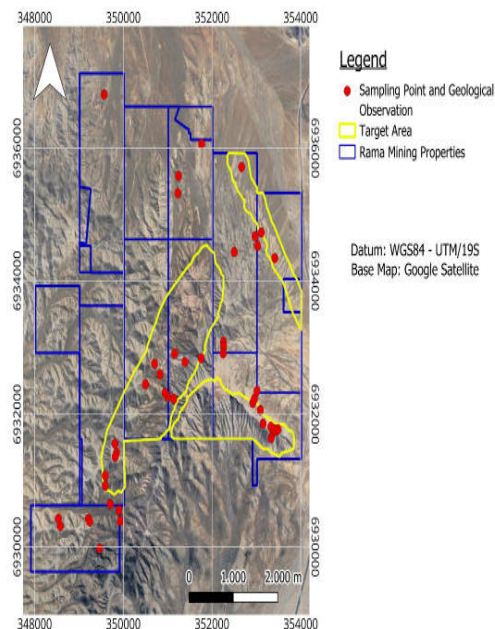
# Exploration History & Certified Results

**2003:** first historical geological report consolidating the artisanal workings and outlining the main structures.

**2024–2025:** surface mapping and pXRF-vectored sampling on the east, west and north flanks, validated by external laboratories under QA/QC protocols: FGF (July 2024) returned up to 1.54% CuT and 16.2 g/t Au (sample RM-06); Bureau Veritas (August 2025) confirmed gold grades of 2.57, 2.13 and 1.30 g/t Au.

**2026:** advanced campaign by the QP over 643 ha: detailed litho-structural mapping, spectral remote sensing, 33 geochemical rock samples, 44 hand-sample descriptions and petrography, integrated in QGIS, confirming the IOCG/skarn model and defining three priority targets.

**No drilling has ever been performed on the property, the high-grade system remains untested at depth.**



Sampling points and target areas (NI 43-101).



N° 71104

## INFORME DE ANALISIS

Folio : 71104  
Razón Social : TRIMETALLIC VENTURES SPA  
Sucursal :  
Solicitante :  
Muestra : MINERAL  
N° Orden : S.ORDEN  
E-mail : pablороdo@trimetallicventures.com  
Ingreso Laboratorio : 2024.07.24  
Fecha Informe : 2024.07.30  
Metodología de análisis : IA\_Au-Ag-3\_EF\_GRAV; IA\_Au-Ag-1,2\_EF\_GRAV; IA\_Cu 3,5,6\_AA  
Obs: -

### Resultados de análisis para las siguientes muestras

| Código | Descripción | Au (g/t) | CuT (%) |
|--------|-------------|----------|---------|
| 809522 | RM 05       | 0.23     | -       |
| 809523 | RM 06       | 16.2     | -       |
| 809524 | RM 07       | 1.1      | -       |
| 809525 | RM 08       | 0.05     | -       |
| 809526 | RM 09       | 0.12     | -       |
| 809527 | RM 01       | -        | 0.17    |
| 809528 | RM 02       | -        | 1.42    |
| 809529 | RM 03       | -        | 0.93    |
| 809530 | RM 04       | -        | 1.54    |

Resultados válidos solamente para las muestras analizadas, las que fueron tomadas por el solicitante.

Fernando Alquinta Segura  
Jefe de Laboratorio  
FGF Análisis Minero



Certificado

Bureau Veritas and FGF certificates.

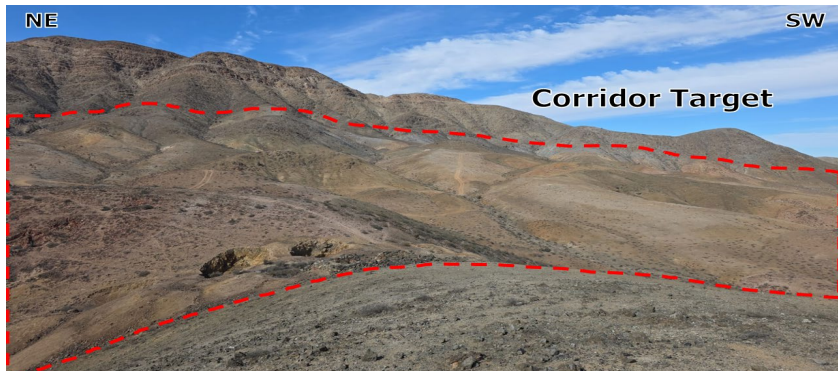
# Target 1: Corredor (381 ha)

Central-south belt of gentle hills with strong structural control, marked by pale-orange leached surface colors.

Lithology: andesitic lavas of the Punta del Cobre Formation, with local dioritic bodies toward the western contact with the Barros Luco pluton.

Alteration: broad argillic alteration with propylitic halos; strong silicification and pervasive supergene oxidation on the mapped vein systems, with dense gypsum and calcite veining.

Mineralization: quartz veins with dense limonite-jarosite-goethite, abundant specularite, pyrite sectors and copper oxides (chrysocolla, malachite) as veinlets, patinas and locally massive fillings.



Corridor Target panorama and mineralization: Cu oxides in joints, gypsum veinlets, quartz veins with limonite.

## Target 2: Skarn (165 ha)

Steep, well-exposed ridges revealing the lateral facies change from andesites to the thick limestone subunit that crowns the central property, conspicuous whitish-orange crests.

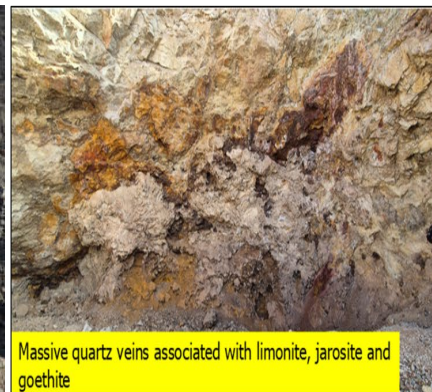
High-purity limestones (up to 96.7%  $\text{CaCO}_3$ ) intruded to the north by diorite and minor dikes, the reactive geochemical trap of the system.

Mineralization: supergene leaching of copper sulfides in upper levels; below the main contact, jarosite-limonite-goethite with variable magnetite replacement that becomes massive in the skarn core, with remnant chalcopyrite and bornite plus subordinate copper oxides.

**Skarn alteration with garnet and diopside verified in the field, direct evidence of the high-temperature metasomatic front.**



*Limestone Target views (NI 43-101).*

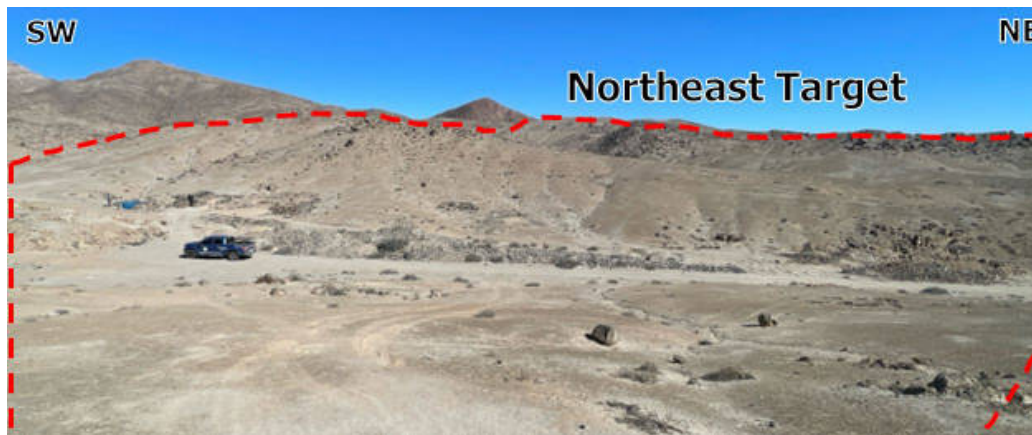


*Quartz-limonite veins, calcite stockwork, skarn with garnet-diopside, gabbro intrusion.*

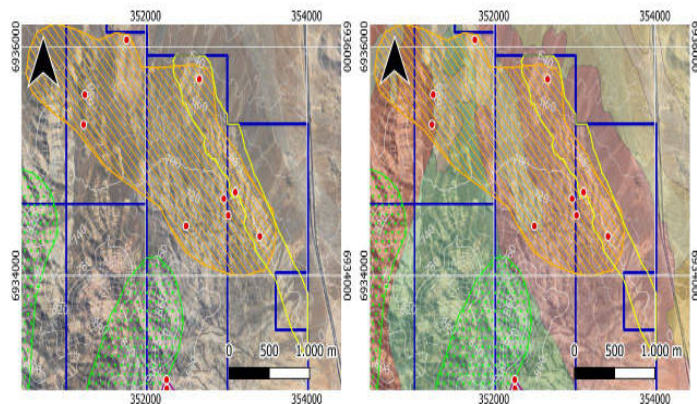
## Target 3: Noreste (97 ha)

Flat, smooth-relief sector transitioning toward the Central Depression, adjacent to Route 5 North, the most accessible target of the project. Controlled by a major NW-trending structural lineament that channels secondary deformation and fracturing.

Lithology: intrusive bodies of the Sierra Atacama Diorite, structurally downdropped by the regional strike-slip faults. Pervasive argillic alteration; mineralization as multiple families of thin N-S to NNW veinlets with jarosite-goethite-limonite over quartz, a peripheral expression pointing back toward the core of the system.



Northeast Target panorama and alteration mapping (NI 43-101).



### Legend

  Rama Mining Properties  
  Target

**Lithology**  
 Alluvial Deposits  
 Ancient Alluvial Deposits  
 Sierra Atacama Diorite  
 Barros Luco Diorite  
 Punta del Cobre Formation

**Hydrothermal Alteration**  
 Argillic Alteration  
 Propylitic Alteration

### Symbology

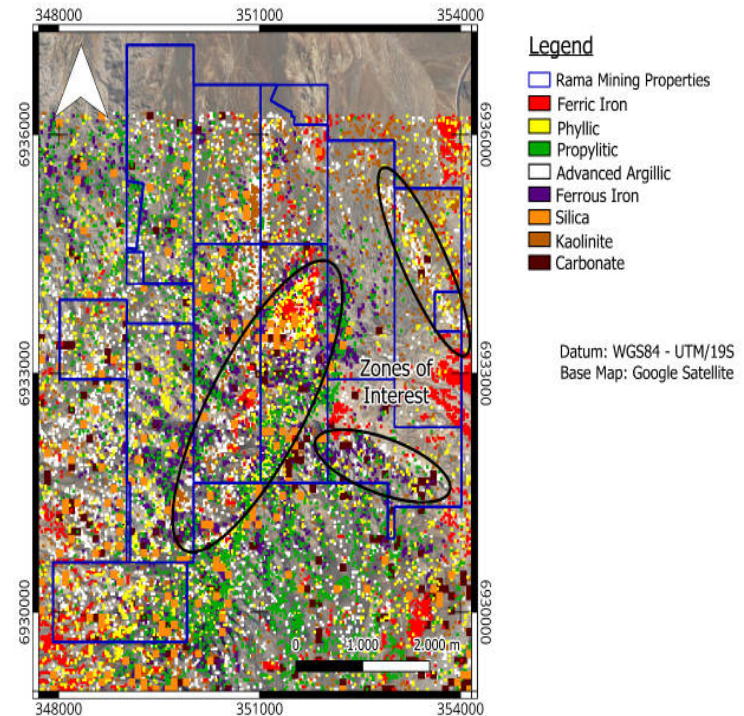
• Geological Sampling Point

Datum: WGS84 - UTM/19S  
 Base Map: Google Satellite

# Path Forward: QP Recommendations

The NI 43-101 report recommends a staged, drill-ready exploration program:

- 1. Surface geophysics:** high-resolution ground magnetometry to trace the magnetite-rich bodies under cover, plus induced polarization (IP) lines to map chargeability anomalies from copper sulfides at depth.
  - 2. Systematic geochemistry:** high-density multi-element sampling along the andesite–limestone contacts to vector toward hidden skarn replacement bodies.
  - 3. Maiden drilling:** a first RC / diamond program targeting the limestone–andesite contact and the quartz-magnetite vein extensions, to confirm the 3D geometry of the main body and the continuity of the certified Au-Cu grades.
- Andina Minergy and its partners are open to earn-in, joint-venture or acquisition structures to fund this program, a rare chance to drill-test an undrilled IOCG/skarn system with certified grades of 16.2 g/t Au and 1.54% CuT.**



*Alteration and target map, Rama Project (NI 43-101).*

## Corridor Target



## Rama Project

Thank you for learning more about the Rama Copper-Gold Project. We are seeking a partner to advance this undrilled IOCG/skarn system toward its first drilling campaign. For more information and access to the NI 43-101 Technical Report and data room, contact us at Andina Minery. Together we can unlock this district-scale potential!