



VORTEX
METALS

TSX.V : VMS

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OTC: VMSSF

A New Frontier for **Copper**



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Qualified Person

Robert J. Johanson, BSc Geology, MSc Economic Geology, QP MMSA, is an independent qualified person, as defined by NI 43-101. Mr. Johanson has reviewed the technical content of this Presentation and consents to the information provided in the form and context in which it appears.

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No De-carbonization Without Copper



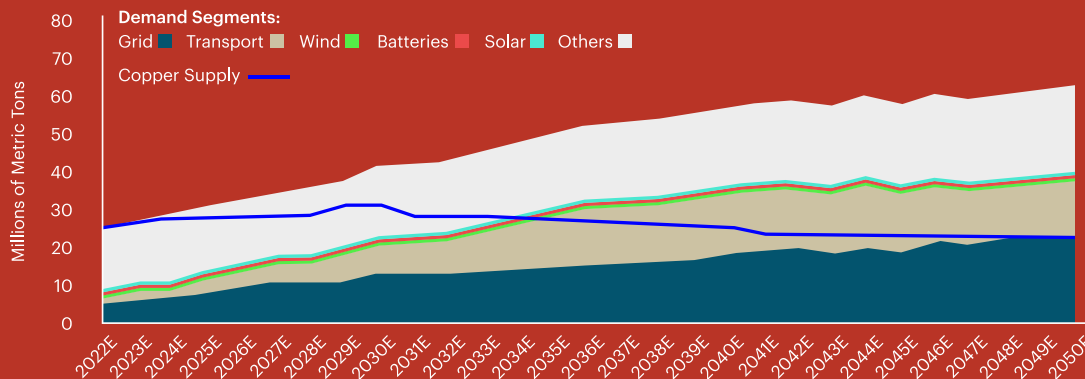
“By 2030, Copper demand from the energy transition, is estimated to grow nearly **600% to 5.4MT** in the base case and **900% to 8.7MT** in the case of hyper adoption of green technologies”

By 2030, experts predict a shortfall of 10 million metric tons annually

Persistent decline in Copper discoveries with only 12 of 228 deposits discovered since 1990 coming in the last decade

S&P Global

Copper Supply and Demand Imbalance May Likely Grow¹



Source: 1. <https://sprott.com/insights/copper-wired-for-the-future/>

Diversified Copper Exploration Portfolio



The inclusion of an emerging VMS copper-gold belt in Mexico and a developing brownfield copper project in Chile

Advanced Copper Brownfield in Chile

A fully permitted, Copper project in Choapa Province of Chile

- ▼ ROFR on the adjacent Rio 27 Mine, with a current probable, indicated, and inferred resource of 6.2M tons source internal estimate (non 43-101 compliant)¹

Emerging VMS Copper-Gold Belt in Mexico

Leverage to emerging volcanogenic massive sulphide (VMS) belt with potential for significant Copper discovery

Management team successfully developed and exited several exploration projects, including Underworld Resources, sold to Kinross Gold Corp (TSE:K) for C\$139m



1. SCM Ventana Minerals Inc

Management & Board



Management Team

VIKAS RANJAN

President & Director

Management professional with 25+ years' experience in finance, capital markets, entrepreneurship, and investing.

Co-founder of Gravitas Group, launched public and private enterprises in capital markets and growth investing.

MICHAEL WILLIAMS

Interim CEO, Chairman & Director

Senior executive with 24+ years in mining, skilled in structuring and marketing Toronto Stock Exchange-listed companies.

Executive Chairman of companies, including Underworld Resources, acquired for \$138M by Kinross Gold Corp.

Established international financing network, raised substantial capital for global exploration and development projects.

KEVIN MA

CFO

Kevin Ma is a seasoned Chief Financial Officer with over 15 years of experience in corporate finance, strategic go-public initiatives, and management advisory services for both public and private companies.

He has played a pivotal role in securing over \$500 million in corporate financing and mergers and acquisitions transactions. Kevin's previous roles include Director of Finance at Alexco Resource Corp and CFO at First Cobalt Corp. He currently serves on the board of several Canadian public companies.

Directors & Advisors

DR. JOHN LARSON

Director

Dr. John E. Larson has 42 years of international experience in exploration, development, and mining. He has worked with major companies, junior explorers, and government geological surveys, including 16 years at BHP and BHP Billiton.

His roles included Manager of North America Copper Exploration, Global Porphyry Copper Exploration, and Latin America Exploration.

PAUL FÜRST

Director

Mr. Fürst, a partner and board member of Banco de Chile since its 2019 NYSE listing. Banco De Chile is Chile's largest private bank, founded in 1893 with over US\$ 12 billion market value. Based in Santiago, it operates 400+ branches and 1900+ ATMs nationwide.

His mining sector expertise spans 18 years, focusing on Ventana Minerals and Terra Services. He is also a partner and director of Mall Plaza, the largest owner and operator of shopping malls in Latin America.

CALE THOMAS

Director

Executive with extensive experience in business and financial consulting, including leadership roles in mineral and oil exploration companies.

Former Director and CFO of Eagle Hill Exploration Corporation (acquired by Osisko Mining Inc.). Currently CFO of infinitii ai inc., specializing in AI-driven predictive analytics.

ROBERT JOHANSING

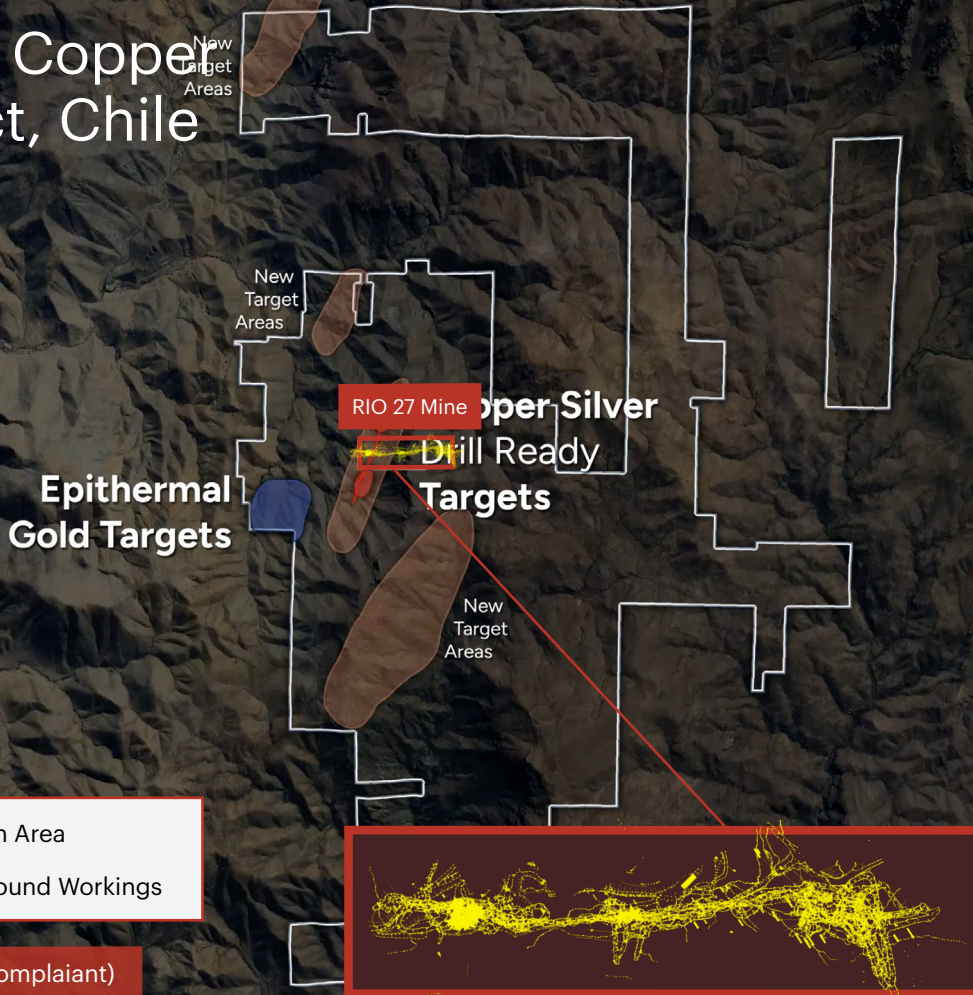
Consulting Geologist

Mining and exploration geologist with 40+ years of experience.

Led projects in Mexico, Central, and South America (notably El Dorado project in El Salvador).

Co-founded non-profit to create mining-related community enterprises, addressing poverty in marginalized areas.

Illapel Copper Project, Chile



Exclusion Area
Underground Workings

(non-43-101 compliant)

- ▼ Manto type Stratabound deposit
- ▼ Three mineral leases totaling ~6,000 Ha
- ▼ Rights of First Refusal on Rio 27 mine, with a current probable, indicated, and inferred resource of 6.2M tons source internal estimate (non 43-101 compliant)¹
- ▼ Favorable Geology Extends north and south from the Rio 27 Mine
- ▼ Ongoing Drilling of high priority targets

1. SCM Ventana Minerals Inc

Project Overview



The Illapel Copper Gold project is located in the Commune of Illapel, Choapa Province, the Fourth Region of Chile - 250 km north of Santiago

Infrastructure Highlights

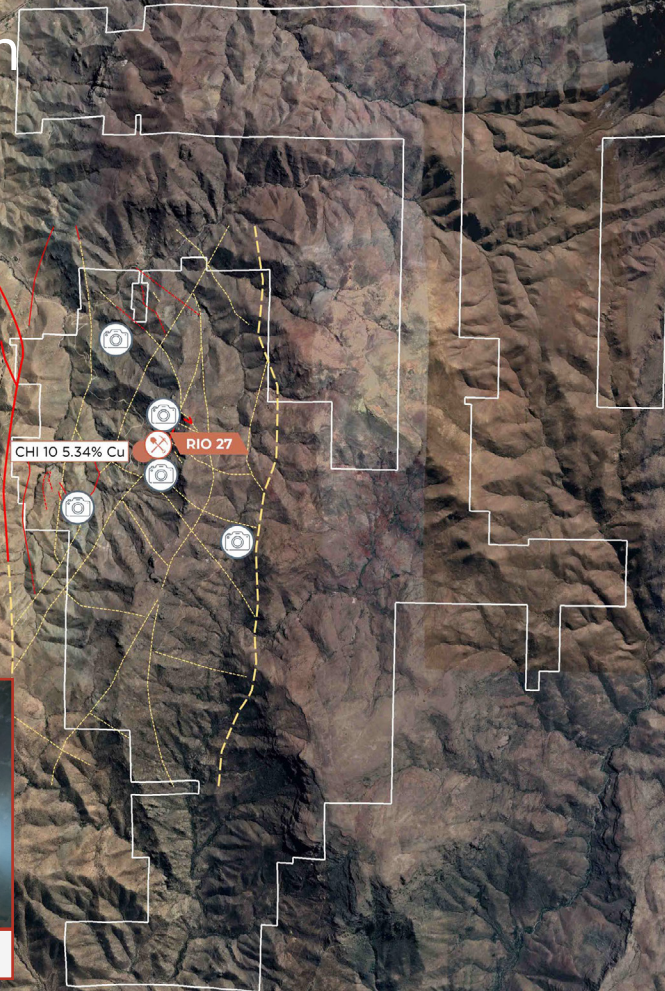
- ▼ Proximity to major infrastructure, paved roads, power grid and water
- ▼ 5 km from Central Transmission Line SIC
- ▼ Low Elevation – 1,500m above sea level
- ▼ Year-round-drilling conditions



Illapel Visualization



- Structure of Rio 27 Mine
- Inferred mineralized structure
- Structure mapped or observed in Google Images
- Duplex structures
- Lineament
- Photo locations



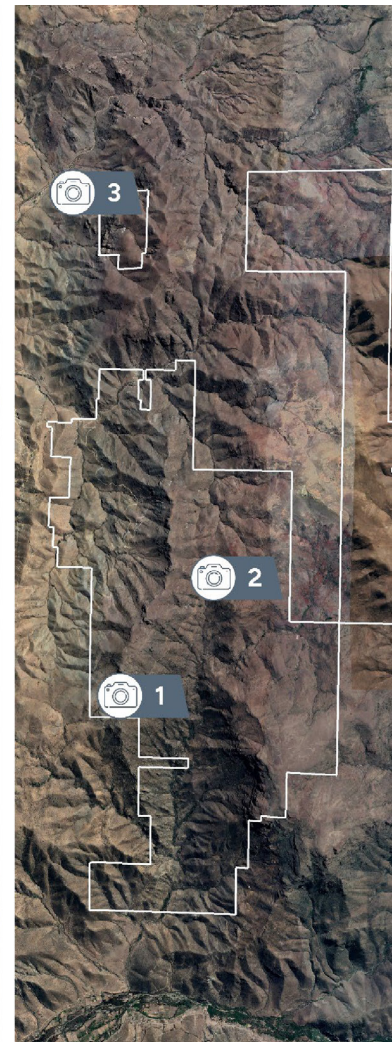
N10°E-Striking vein at Ventana IV in northern portion of the concession package. Vein contains chalcocite, CuCO₃ and CuO_x. Where mineralization intersects impermeable volcanic rocks, it tends to form tight veins with little dissemination in the wall-rock.



Rio 27 Mine



Chalcocite with CuCO₃ on east side of ridge from Rio 27.

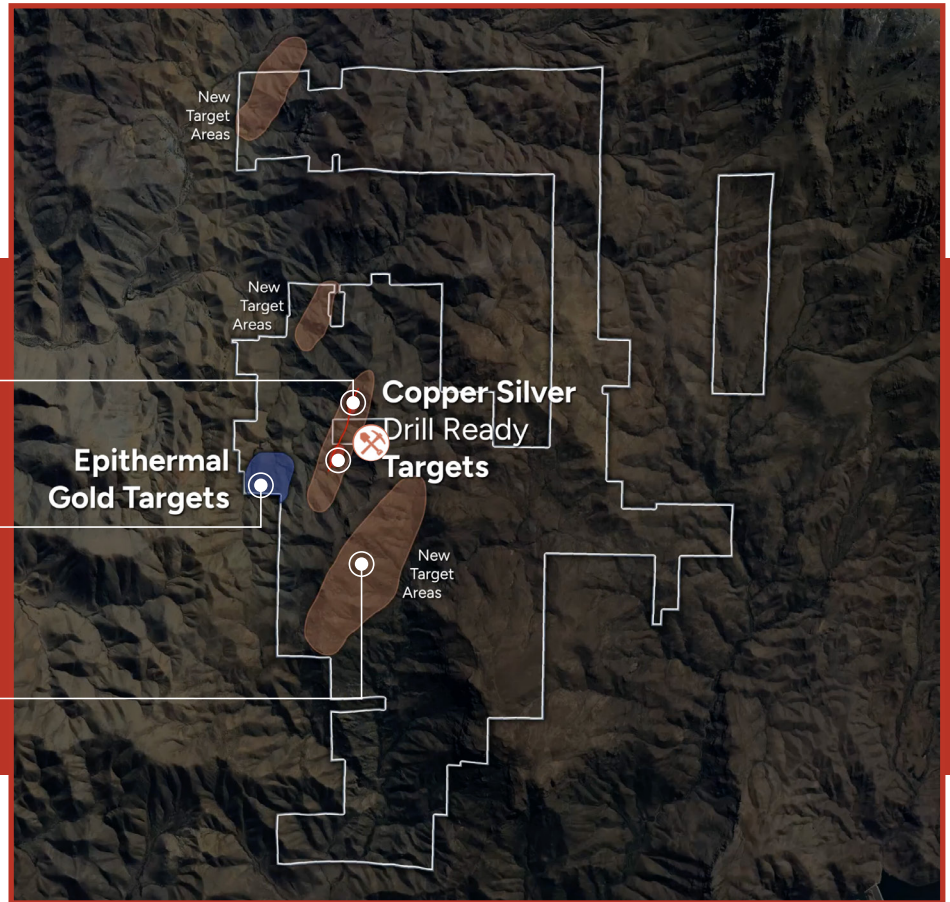


Exploration Program

Exploration permits for the property have already been obtained for drilling and exploration

Phase-1 Exploration

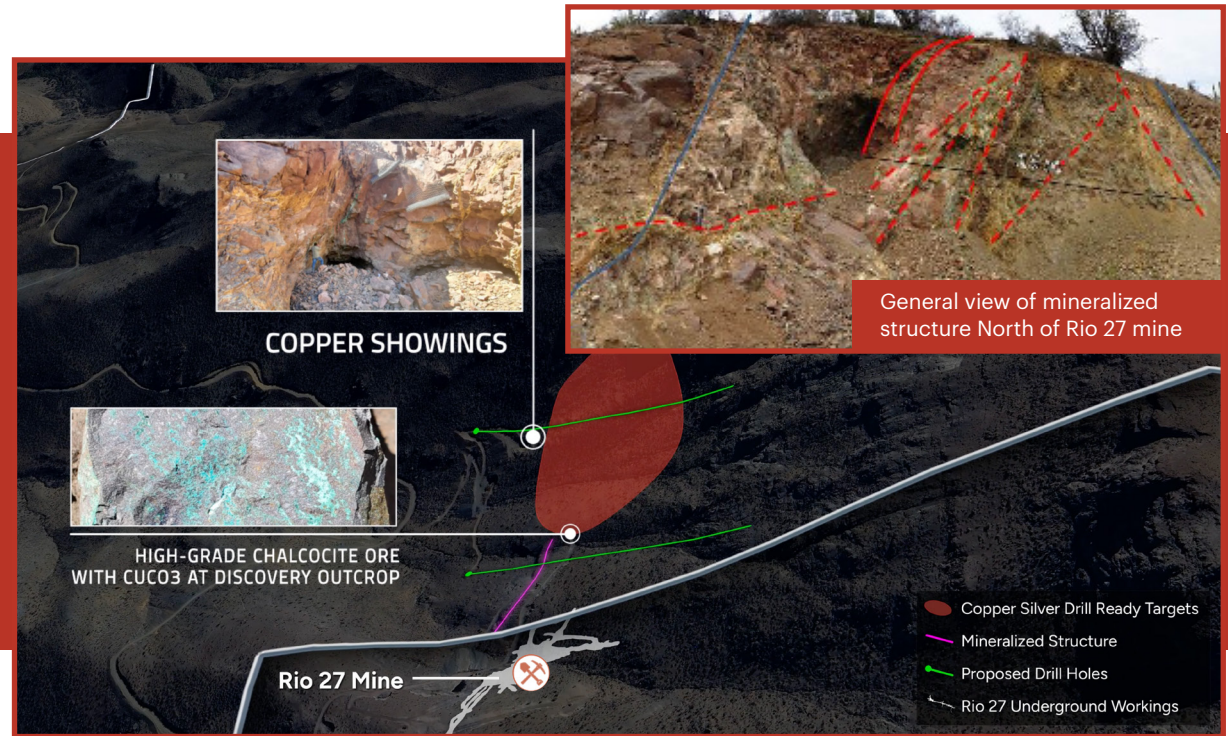
- ▼ Test high-priority, drill-ready targets immediately to the north and south along strike from the Rio 27 mine
- ▼ Map, sample and test drill-targets associated with the epithermal veins in the western portion of the concession area
- ▼ Begin mapping and sampling of new target areas with favorable structures and dykes, with cross-cutting ocoite and associated copper oxides, that are found at multiple locations within the project



North Rio 27 Mine Target



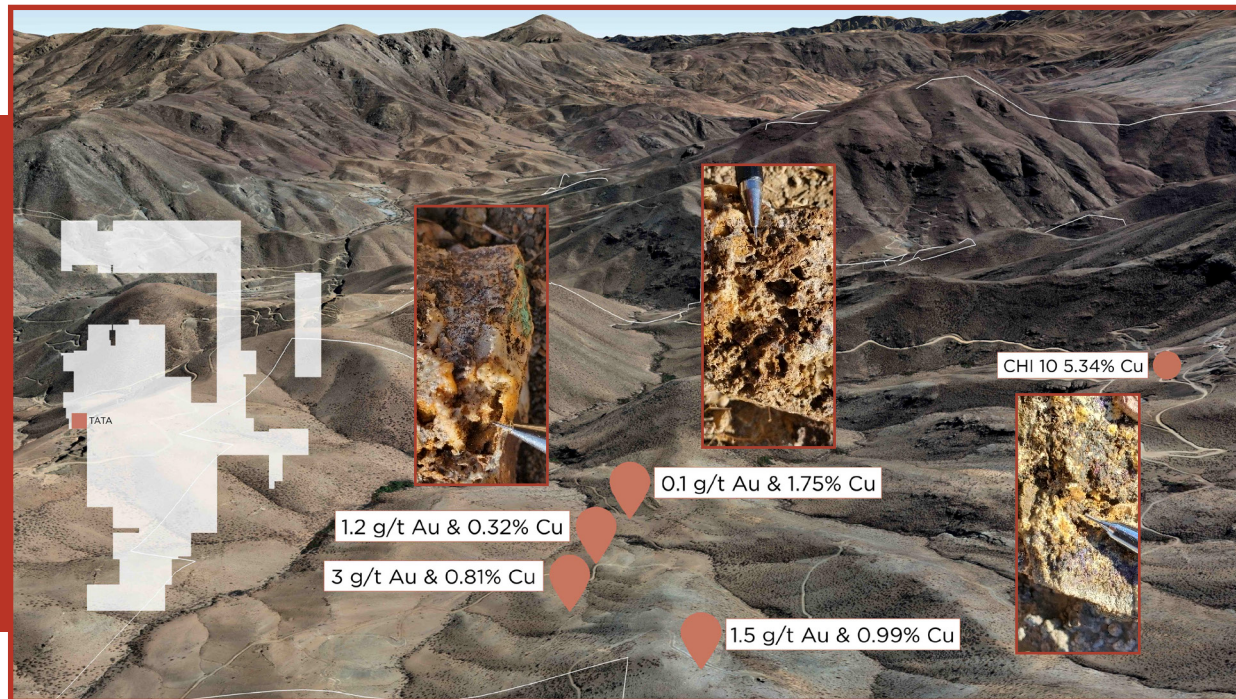
- ▼ High-priority, drill-ready targets immediately to the north along strike from the Rio 27 mine



Epithermal Vein Targets



- ▼ Epithermal veins in the western portion of the concession area
- ▼ Up to 4g Au at surface



Illapel Phase-1 Drill Program Summary

Drilling Completed: 8 diamond holes totaling **2,025m**

Targets Tested

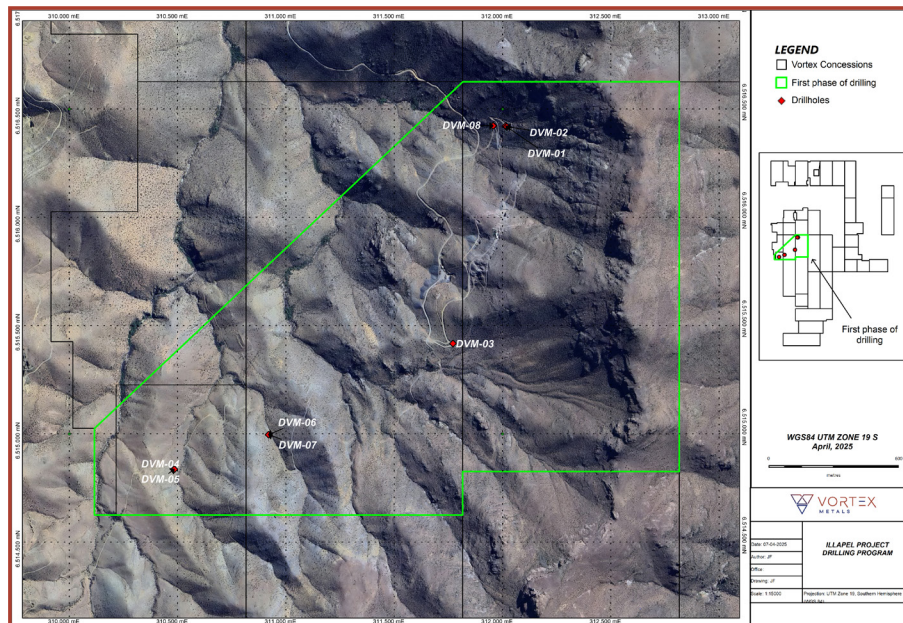
- ▼ Copper-silver near Rio 27 Mine
- ▼ Copper-gold veins on SW concession edge

Highlights

- ▼ All holes hit low-grade sulfides and alteration
- ▼ Hole DVM-08: 0.60m of strong chalcocite + bornite, similar to Rio 27 mantos

IOCG Potential

- ▼ IOCG-style mineralization identified 4 km NE
- ▼ Same host rocks as 150Mt El Espino (**0.55% Cu, 0.22 g/t Au**)



Geophysics & Next Steps

DVM-08 Geophysics

- ▼ **Downhole survey (Feb 2025):** resistivity, gamma, SP, temperature

Key Takeaways

- ▼ **Strong response from sulphide zones**
- ▼ **Multiple 7–12m thick intervals suggest sulphide lenses**
- ▼ **Supports potential for larger high-grade bodies near Rio 27**

Next Steps

- ▼ Downhole EM geophysics underway
- ▼ Follow-up drilling based on results + mapping
- ▼ Drill follow-up at DVM-08 and 2 km north
- ▼ Mapping, sampling & targeting underway in IOCG zone (NE concession)



VMS Projects, *Mexico*



- ▼ Volcanogenic massive sulphide ore deposit (VMS)
- ▼ Five high potential target areas have been identified on the basis of geology, geochemistry, and geophysics
- ▼ Analogous to large VMS deposits in Latin America, including Tambo Grande, San Nicholas, and Campo Morado.
- ▼ Three mineral leases totaling 12,041 hectares
- ▼ Targets Drill Ready (awaiting permitting)

VMS Exploration Projects



PACIFIC OCEAN

USA

MEXICO

FRANCISCO I MADERO

42.06 MT @ 19.17g/t Ag
0.07% Cu and 2.06 Zn

SAN NICHOLAS

102.56 MT @ 0.44g/t Au,
25.72g/t Ag, 1.24% Cu and 1.60% Zn

TIZAPA

10.22 MT @ 1.8g/t Au
217g/t Ag, 0.3% Cu and 5.6% Zn

REY DE LA PLATA

17.75 MT @ 1.2g/t Au
128.8g/t Ag, 0.8% Cu and 3.5% Zn

CAMPO MORADO

31.55 MT @ 1.4g/t Au
105g/t Ag, 0.9% Cu and 3.7% Zn

ZAACHILA

RIQUEZA MARINA

SANTA MARTA

- ▼ Vortex Metals controls two of three high potential VMS exploration plays in the region.
- ▼ Renowned VMS expert, Jim Franklin has proposed that the geological setting is similar to the world class Noranda VMS Camp.
- ▼ Multiple high grade drill targets identified at each project supported by geology, geochemistry and geophysics.



VMS Deposits



Vortex Metals Early Exploration Projects



Sierra Madre VMS Belt



Oaxaca VMS Belt

Riqueza Marina Target Areas

NORTHERN AREA

Recently discovered

LAMINAS EAST

LAMINAS WEST

SOUTHERN AREA

Surface geological work
completed in 2023

RHYOLITE DOME

Adjacent to substantial
gravity high

■ Gossan rock sample
● Soil Sample



- ▼ Extensive outcrops and subcrops of high-grade mineralized (Cu-Au-Pb-Zn) gossan occur along a 3km strike length at priority West and East Gossan targets
- ▼ Multiple areas of high-grade (>0.5% Cu) surface mineralization
- ▼ Large Gravity Anomalies may represent buried massive sulfide horizons
- ▼ Substantial gravity high adjacent to a mineralized 'Rhyolite Dome'

Copper Mineralization

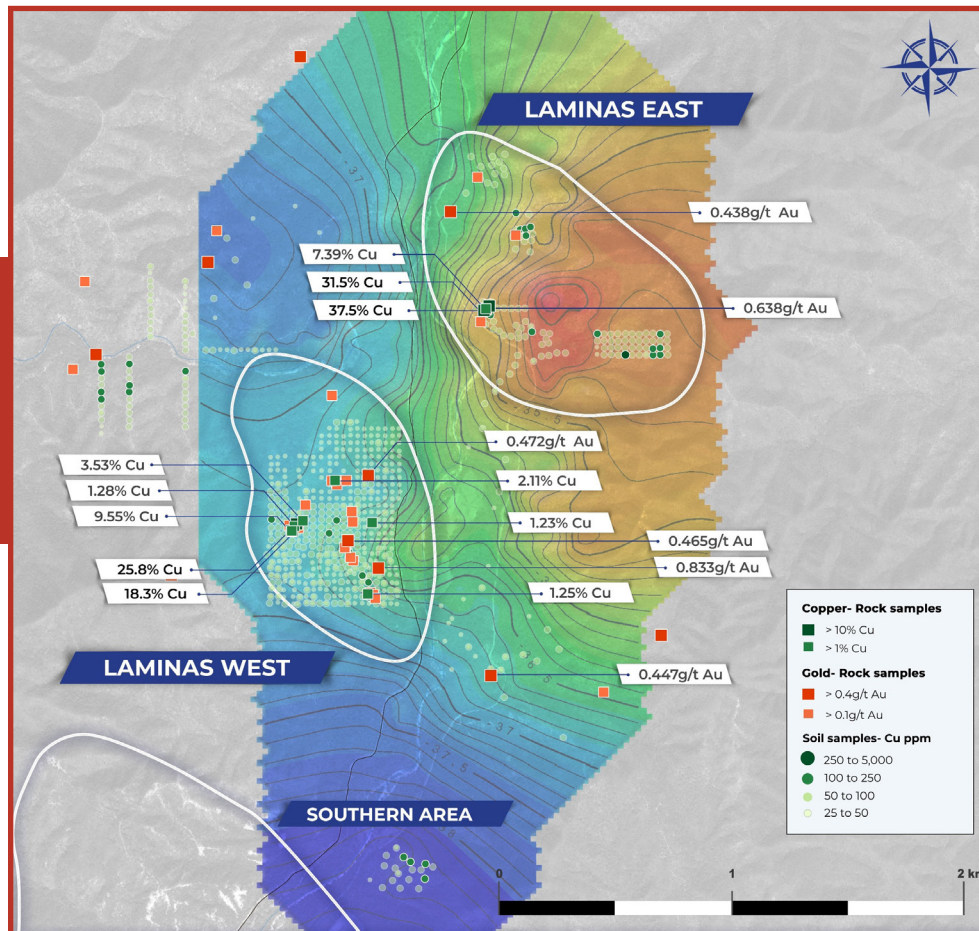
West and East Gossan Targets

Project Samples to date:

863	Rock Chip Samples
740	Soil samples (XRF analyses)
46	Stream sediment

COPPER	GOLD
10 > 10% CU	1 > 2.0 G/T AU
26 > 1.0% CU	13 > 0.2 G/T AU
59 > 0.5% CU	59 > 0.5% CU
97 > 0.2% CU	17 > 0.1 G/T AU

All true gossan samples (n=229) are mineralized

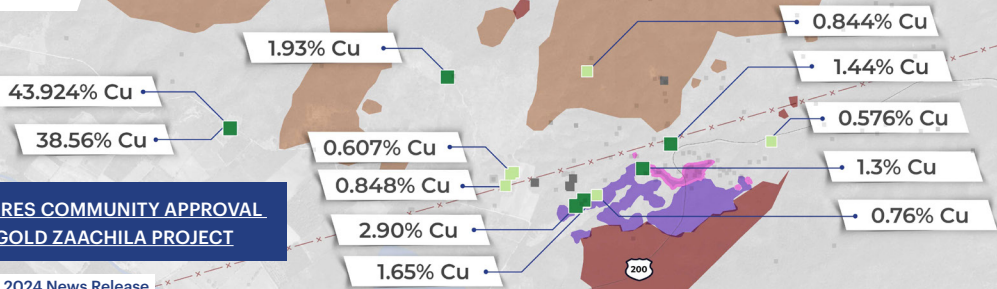


Zaachila Claim

VORTEX METALS SECURES COMMUNITY APPROVAL FOR VMS COPPER-GOLD ZAACHILA PROJECT

[Click Here to view March 12th 2024 News Release](#)

- ▼ Rocks consist of Cretaceous meta-volcanic and sedimentary rocks which include pillow basalts, andesites, rhyolite tuffs/flows/domes, and an extensive silica exhalite horizon.
- ▼ The volcano-sedimentary complex is intruded by a large trondhjemite- diorite intrusion
- ▼ Surface copper mineralization occurs along a >5 km trend in stratigraphic horizons adjacent to trondhjemite complex
- ▼ The mineralized system is classified by Jim Franklin as 'bi-modal mafic', similar to Noranda Camp (Canada) deposits, and large VMS deposits in Latin America, including Tambo Grande, San Nicholas, and Campo Morado.



Copper- Rock samples

- > 1% Cu
- 0.5% to 1% Cu
- 0.2 to 0.5 Cu

Volcano-sedimentary complex

- Trondhjemite- diorite intrusion
- Redbeds
- Breccia debris/volcanic
- Conglomerates
- Exhalite: Silica FeOx



Pacific Ocean

Capital Structure

TSX.V : **VMS** FSE: **DM8** OTC: **VMSSF**

Total Shares Outstanding (Post Financing)	93,956,168
Options	6,425,000
Warrants	17,260,341
Founders & Insiders (Key Affiliates)	30% Post Money

