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# Copper in Arizona Gold & Silver in Mexico

March/April 2024

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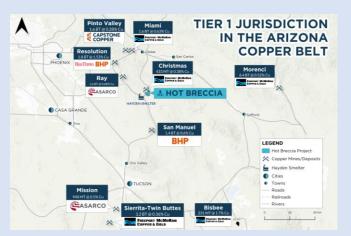
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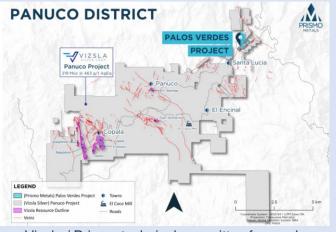
# Catalyst Rich Exploration Portfolio < C\$10m Market Capitalization

#### Hot Breccia: Large Cu Prospect in Arizona



- Copper-gold in Arizona, adjacent to pastproducing skarn Christmas copper mine
- Historic Kennecott & Phelps Dodge drilling intersected hydrothermal alteration within volcanics - Paleozoic carbonate host units have multiple holes at +1%Cu

#### Panuco District: Partnership with Vizsla Potential liquidity event



- Vizsla / Prismo technical committee focused on district scale potential: Dr. Peter Megaw (Prismo); Dr. Jesus Velador (Viszla); & Dr. Craig Gibson (Prismo)
- Drilling highlights at Palos Verdes: 102g/t Au, 3,100g/t Ag (11,520g/t AgEq) over 0.5m

#### Los Pavitos: Multi-million oz potential

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- Unexplored new gold district shear-hosted orogenic gold potential, analogous to some of Sonora's largest gold mines
- Initial project drilling yielded 10.2 g/t Au, 47g/t Ag over 6.65m in hole LPSC23-02
- Key drivers: Dr. Peter Megaw / Rafael Gallardo

# About



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#### **Successful Explorers**

#### **Capital Markets**



Dr. Craig Gibson President & CEO



Alain Lambert **Executive Chairman** 



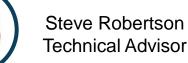
Rafael Gallardo Director



Dr. Peter Megaw Advisor and significant



shareholder





Louis Doyle Director

Carmelo Marrelli CFO

### Investment Highlights

#### Summary

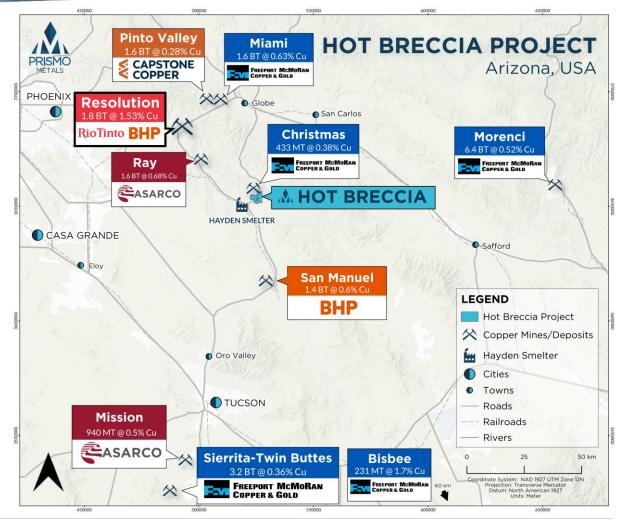
- Experienced technical and capital markets team
- Low overheads: no fixed salaries
- Tight share structure:
  - Only 40.8 million shares outstanding
  - Market cap: \$7 million (March 23,2024)
  - 28.1% ownership by insiders & founders
- Three projects at drill stage
- Vizsla Silver is a strategic investor
  - 9.9% ownership

# Hot Breccia Tier I Copper Jurisdiction

- 10 major copper mines in Arizona produce 23 to 632 million pounds of copper per year.
- Infrastructure: highway, water, power lines, Hayden smelter, Asarco concentrator
- Most of the copper mined in Arizona comes from porphyry copper deposits, with copper ore associated with intrusive igneous rocks similar to granite.

Copper Deposit	Total Cu Endowment (Blb Cu)			
Morenci	74.7			
Resolution	60.1			
Miami	22.0 21.0			
Ray				
Sierrita-Esperanza	13.2			
Pinto Valley	12.6			
San Manuel-Kalamazoo	11.8			

References: USGS, 2005 Mineral Resources Data System, various USGS reports



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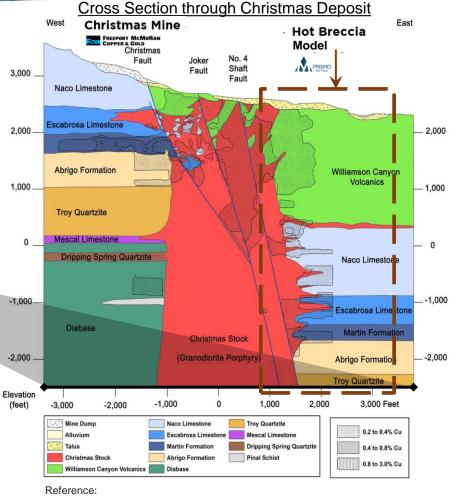
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## Hot Breccia Location

- 1,420 hectares 4 km S of the Christmas mine, with same geology
- Past production<sup>(1)</sup>: ~25Mt of ore with 363 Mlb Cu, 2.1 Moz Ag, 55,026 oz Au
- Expansion drilling by Freeport, mineral resources<sup>(2)</sup>: 402 MT, 0.39% Cu, 0.06 g/t Au, 1.03 g/t Ag (3.5 Blb Cu, 0.7 Moz Au, 13.3 Moz Ag)
- Christmas is a model for Hot Breccia mineralization
  - Associated with intermediate intrusive rocks into favorable sedimentary rocks
    that are covered by an andesitic volcanic sequence
  - Historic drill holes from 70's and early 80's on and near the property







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Briggs, D.F., 2021, History of the Christmas Mine, Gila County, Arizona. Arizona Geological Survey Contributed Report CR-21-A, 45 p.

### Hot Breccia The Target



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- The same productive geologic units that host high-grade, copper skarn mineralization at the adjacent, past-producing Christmas Mine, have been found at Hot Breccia
- The Hot Breccia target is similar to the past producing Christmas Mine but is covered by volcanic rocks
- Breccias exposed in the area of past drilling
  - Polylithic breccias, mainly andesite and intrusive fragments, with some fragments of limestone and quartzite brough up from depth
  - Some fragments mineralized
  - Copper and gold mineralization in the area of the breccia exposures

Sample	Туре	Sampler	Width (m)	Cu_%	Au g/t
84835	Chip	Vendor, 1989		1.28	0.062
84836	Selected	Vendor, 1989		-	18
84837	Selected	Vendor, 1989		0.55	28
84843	Selected	Vendor, 1989		-	1.2
84844	Selected	Vendor, 1989		-	2.4
W147768	Subcrop grab	Vendor, 2023	2.0	1.17	0.074
22008	Channel	Prismo	1.0	1.11	3.75





## Hot Breccia The Target

- Fragments of mineralized rocks have been brought up from depth in a quartz porphyry intrusion near the property's namesake breccia
  - Magnetite skarn with oxide copper minerals
  - Garnet skarn, gossanous material
  - Limestone, marble, quartzite







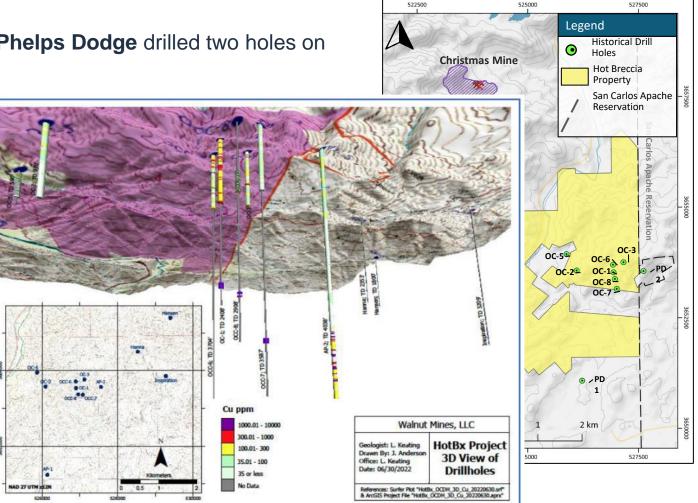
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# Hot Breccia Historic Drill Holes

- Kennecott drilled seven holes from 1972 to 1981 and Phelps Dodge drilled two holes on and near the property
- All drill holes reported:
  - hydrothermal alteration within the volcanics, increasing intensity downwards
  - Paleozoic carbonate host units have several copper intercepts reported to exceed 1% + zinc
- Kennecott reported highlights:
  - OC-1: 77' with **0.54% Cu** at 2,100'
  - OCC-7: 60' with 1.4% Cu, 4.65% Zn at 2,900'
  - OCC-8: 25' with 1.73% Cu and 0.11% Zn at 2,305' and 15' with 1.4% Cu and 0.88% Zn at 2,350'
- Phelps Dodge drill hole PD 2 reported:
  - 1,270 feet of variably mineralized skarn with several intercepts >1% copper and a high of 3.16% copper

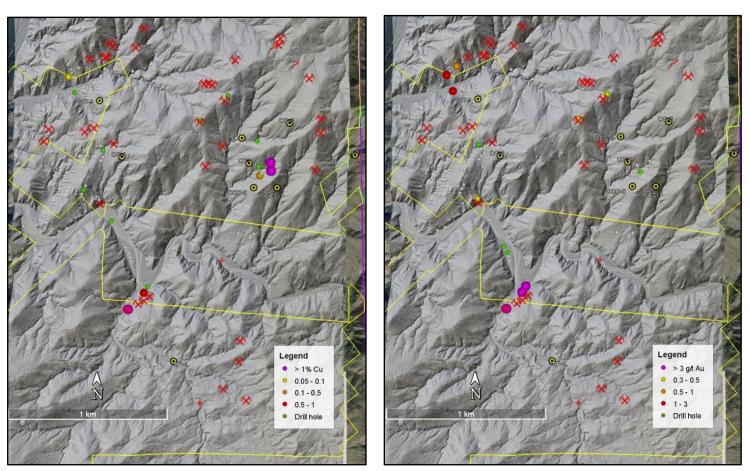


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### Hot Breccia Prismo work

- Numerous small historic mines and prospect pits were identified by a LiDAR survey conducted in 2023.
- Gold mineralization ranging from anomalous values of 0.1-0.3 g/t to 28 g/t with local copper has been encountered at the surface associated iron oxides and dike margins
- Recent work includes visits to numerous of the historic workings where 32 samples were taken, assays pending



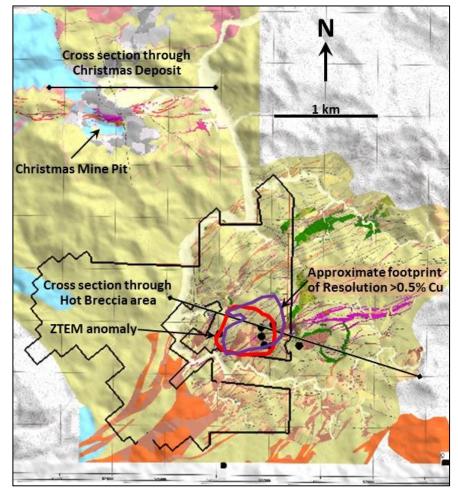
Copper (left) and gold geochemistry and small mines and prospects shown on the LiDAR survey.

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# Hot Breccia Geophysics

- A ZTEM survey was completed over the property in 2023
  - Interpretation of the geophysical survey shows a large resistivity low at depth below a dike swarm and the namesake breccia and copper surface mineralization
  - Historic drill intercepts with >1% copper intercepts
- The geophysical anomaly is on the scale of the footprint of the high-grade Resolution deposit 40km to the north
- Based on ZTEM results, considering a ground MT survey to further define the conductive body
- Prismo has entered into an agreement with ExploreTech to use Artificial Intelligence to refine a drill program to test the anomaly



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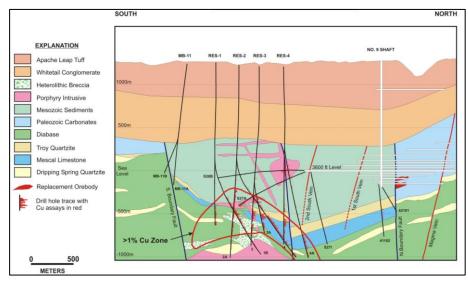
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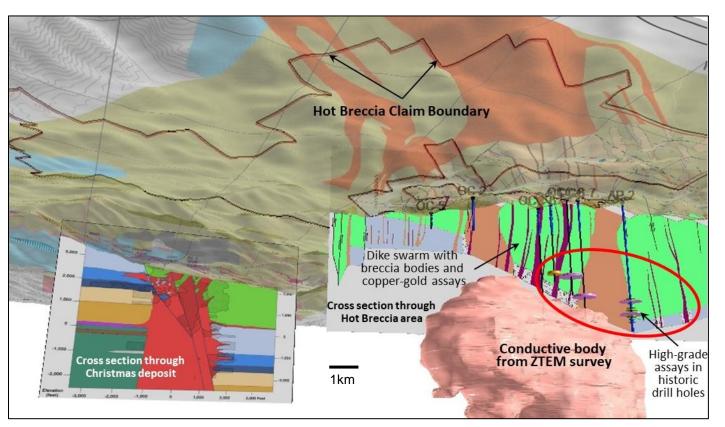
Geologic map of the Hot Breccia and Christmas areas, with cross section lines and historic drill holes shown, and approximate surface projection of the ZTEM conductor and the 0.5% Cu limit of the Resolution deposit

# Hot Breccia Exploration Plan

- Drill permitting nearly complete
- Target with similar geology and scale of Christmas and Resolution deposits
- Planned drilling 5000m in Q2-Q3 2024
  - Twin or deepen one or more of the historical core holes
  - Test ZTEM anomaly
  - Target shallow gold mineralization



Schematic section of the Resolution deposit from Ballantyne et al., 2015



Schematic view of Hot Breccia from underneath the surface showing cross sections through the Christmas deposit and Hot Breccia, and conductive anomaly from ZTEM survey under geology similar to the Resolution deposit

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# **Tight Share Structure**

Capital Structure				
Shares held by officers, directors & advisors	11,383,751	28.1%		
Vizsla Silver Corp (TSXV: VZLA)	4,000,000	9.9%		
December 2022 Investors @ 52 cents	5,800,000	14.3%		
Float	19,662,729	47.7%		
Total Shares Outstanding (basic)	40,846,480	100%		
Founders Warrants <sup>(1)</sup>	700,000	\$70,000		
Officers, directors & advisor options <sup>(2)</sup>	3,050,000	\$823,500		
Officers, directors & advisor SARs & RSUs	1,850,000	N/A		
Warrants (institutions - strike price \$0.75)	2,900,000	\$2,175,000		
Warrants (Vizsla Silver – strike price \$0.75)	2,000,000	\$1,500,000		
Sub total	10,500,000	\$4,568,500		
Total Outstanding (Fully diluted)	51,346,480			

#### Strong ownership by Executive Chairman, CEO and Dr. Peter Megaw

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Market cap: \$6.0 million (1)

(1) As of March 14th, 2024

(1) Exercisable at \$0.10 per share

(2) WAEP of \$0.27



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### Information about Palos Verdes and Los Pavitos projects

### overview Palos Verdes

- Surrounded by Vizsla Silver (TSXV: VZLA)
- Vizsla: strategic partner with 9.9% ownership in Prismo Metals
- Within the historic Panuco silver-gold district in Sinaloa, Mexico with important historic precious metal production
- Important mining region with several current and past exploration projects:
  - Panuco project, Picachos project, Plomosas & Trinidad projects
- Located on the interstate highway from Mazatlan to Durango with excellent infrastructure
- 50 km from Mazatlan
- Sierra Madre Au-Ag Belt



The Palos Verdes Property location in Sinaloa State, northwestern Mexico. Located in west central Sinaloa, about 50 km northeast of Mazatlán. CSE: PRIZ

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### PALOS VERDES Panuco District

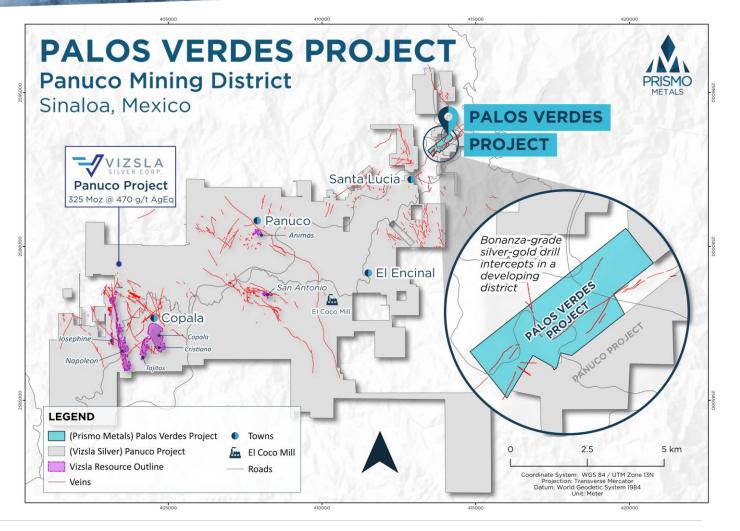
#### Panuco district

- Numerous veins with important historical production mainly from the central portion of the district where ore shoots exposed by erosion
- · Northwest to northerly striking veins
- Northeast striking veins
- Much of the district has been consolidated by Vizsla Silver Corp., Prismo's strategic partner

#### Palos Verdes

- Near the northeastern limit of district
- At higher structural level less erosion
- Mineralized portion of the vein appears to be entirely preserved

Land map for the Panuco Copala district showing the Palos Verdes Property location in light blue in the northeastern portion of the district, with Vizsla Resources in gray. Important vein orientations are northwest and northeast.



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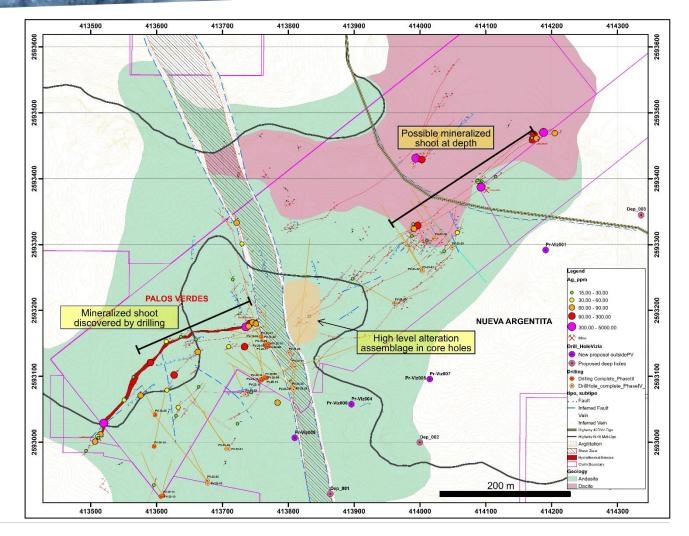
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### PALOS VERDES Exploration Results

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- 6,000 meters completed in 33 holes
- Bonanza grade intercepts in mineralized shoot
- Drill hole PV-23-25 cut the best intercept to date at the project:
  - 0.5 meters with 102 g/t Au and 3,100 g/t Ag, or 11,520 g/t silver equivalent
- Detailed sampling along structures has identified a possible second blind mineralized shoot
- Alteration studies provide evidence that the mineralization drilled to date may be offset downward at a cross fault

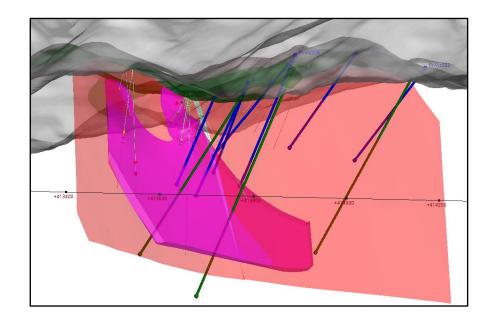
Geologic map of the Palos Verdes and surrounding concessions showing completed drill holes and planned deep drill holes.



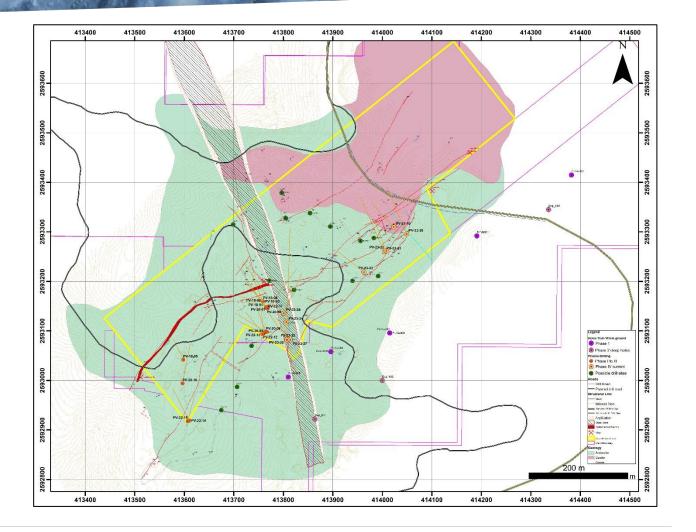
### PALOS VERDES Exploration Plan 2023

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- Joint Prismo and Vizsla Technical Committee (Gibson, Velador, Megaw) recommended an expanded program of deeper drilling is planned
- Collar on Vizsla concessions to get proper angle



Map and 3D view showing planned deep drill holes.



### LOS PAVITOS Los Pavitos Overview

- Los Pavitos project consists of one concession covering 5,289 hectares staked by Mineral Cascabel
- Rafael Gallardo from Minera Cascabel (and a Prismo director) played a key role in assembling Los Pavitos
- This concession surrounds several smaller concessions that cover a portion of numerous small historic workings
- Reconnaissance work show interesting metal values in assays
- NI 43-101 technical report dated March 2021

The Los Pavitos Property surrounds small interior concessions



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### LOS PAVITOS Los Pavitos: Large Potential

#### Potential Orogenic Gold Deposit

- Los Pavitos provides an opportunity to explore for a deposit that may be similar to deposits discovered and put into production over the last two decades in northwestern Caborca Gold Belt
- These have provided on the order of 15-20 million ounces of Au resources and gold production totaling more that 5 m oz
- Host rocks are metasediments with a generally strong northeast foliation as well as intermediate intrusions
- Quartz veins along northeast trends parallel to foliation and along northwest shears

A Northwest trend of orogenic gold deposits has been delineated in northwestern Sonora State since the 1990's



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### los pavitos Geology

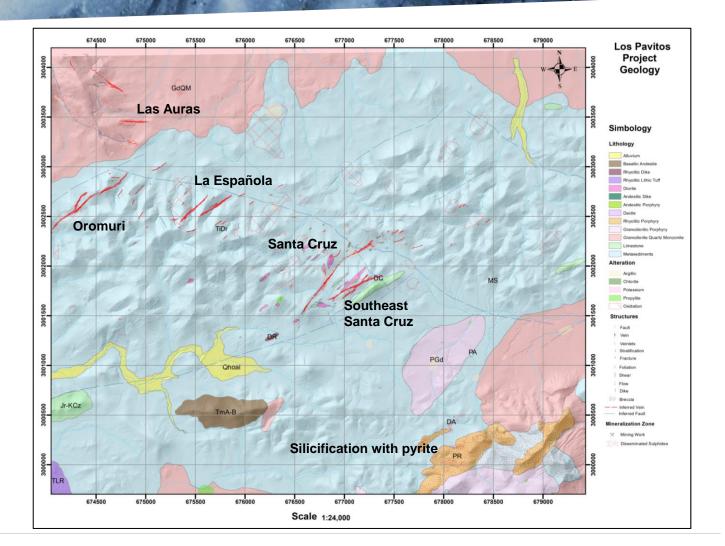
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#### Multiple targets

- Host rocks are metasediments with a generally strong northeast foliation as well as intermediate intrusions
- Quartz veins along northeast trends parallel to foliation and along several kilometer scale northwest shears
- Area of strong veining and silicification with abundant pyrite in southeastern corner

Geologic map of the Los Pavitos project showing main structures and mineralized areas from exploration mapping overlain on LiDAR base.



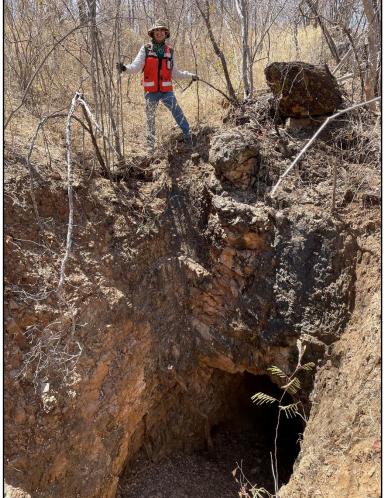
### LOS PAVITOS Target Definition

#### Quartz veins

- Strong veining along and crosscutting regional foliation
- Assays received for more than 1,000 samples taken to date. More results to be announced
- Important gold assays in Las Auras and Santa Cruz areas with as much as 10.15 and 28 g/t Au respectively, with local silver and anomalous arsenic and bismuth

Left photo: Historic working at Mina Hedionda. Right photo: Geologist Martha Monteverde at historic prospect on the Santa Cruz structure





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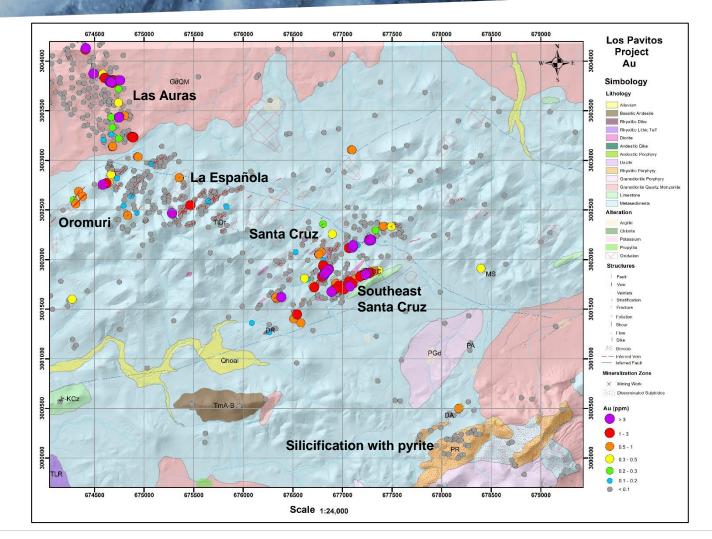
# Exploration Results

#### PRISMO CSE: PRIZ METALS OTCQB:PMOMF

#### Sampling

- Assays received for more than 1,000 samples
- High gold assays > 3g/t in two main areas, Las Auras and Santa Cruz, with as much as 10.15 and 28 g/t Au respectively
- Silver mainly along one structure, Southeast Santa Cruz
- Indicator elements As and Bi associated with Au
- As and Bi found along structures with low Au, indicating possible blind mineralization

Geologic map of the Santa Cruz target showing main structures from exploration mapping, with gold assays.



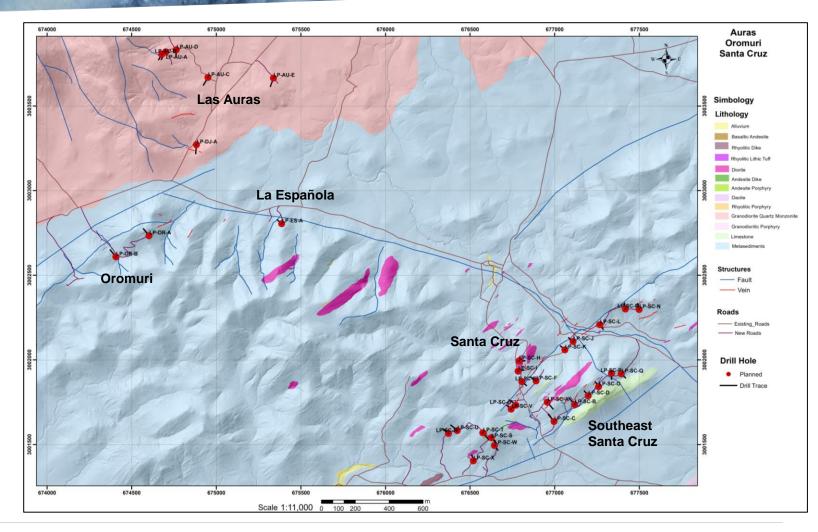
### LOS PAVITOS Trenching Results

#### Continuing to drill

- Trenching was used to define width of mineralized zones at surface
  - Wider mineralized zones can be important for future development of the project
  - Drill plan to test high grade and wider lower grade zones

Trench	Location	Length (m)	Au_g/t	Ag g/t
ZA1	Las Auras	6.4	0.1	-
ZA2	Las Auras	19.0	2.2	22.9
Includes		4.0	10.3	104.3
ZSC4	Santa Cruz	18.5	0.2	-
ZSC3-1	Santa Cruz	2.1	1.7	-
ZSC9	Santa Cruz	8.0	0.5	-
ZSC10	Santa Cruz	7.8	2.3	13.0
ZSC12	Santa Cruz	2.5	0.9	69.6

Geologic map of the Los Pavitos project with planned drill holes



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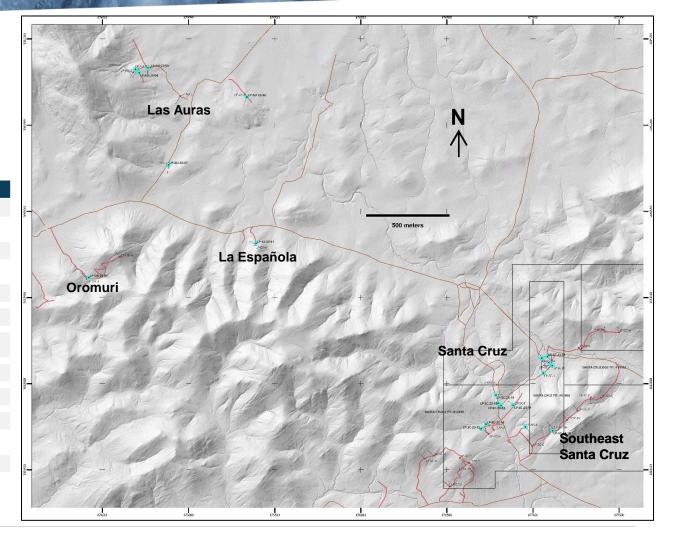
### LOS PAVITOS Drilling

#### Drilled 2,370 meters in 25 holes

- Shallow drilling on 5 structures
- High grade gold, local silver
- Indicator elements show potential in other areas

Hole	From	То	Interval_m	Au_g/t	Ag_g/t	Target
LP-SC-23-01	20.30	27.70	7.40	2.34	14.7	Santa Cruz
includes	21.80	23.84	2.04	7.04	43.1	
LP-SC-23-02	52.27	64.20	11.93	5.77	31.1	Santa Cruz
includes	54.88	61.53	6.65	10.22	51.3	
LP-SC-23-07	49.00	59.40	10.40	1.52	18.9	Santa Cruz
LP-SC-23-08	74.30	82.10	7.80	3.78	19.2	Santa Cruz
LP-SC-23-09	20.63	25.90	5.27	0.51	106.3	Southeast Santa Cruz
LP-SC-23-12	18.35	58.30	40.80	0.16	2.4	Santa Cruz
LP-SC-23-14	6.00	16.00	10.00	0.18	6.7	Santa Cruz
LP-AU-23-01	31.85	35.50	3.65	2.33	87.6	Las Auras
includes	31.85	33.00	1.15	3.58	45.9	
LP-AU-23-02	33.53	38.15	4.64	0.34	4.5	Las Auras

Drill hole location map of the Los Pavitos project showing completed drill holes in cyan color.



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# Thank You

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