

CSE: PRIZ

OTCQB: PMOMF

FSE: 7KU

Copper in Arizona
Gold & Silver in Mexico

Q3 - 2024





#### PRISMO METALS

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# **Exploration Portfolio**



### 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

## Palos Verdes: Partnership with Vizsla



- 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



- 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

#### PRISMO METALS

### **About Us**

### **Successful Explorers**



Steve Robertson President



**Dr. Craig Gibson**Co-Founder & Chief
Exploration Officer



Rafael Gallardo Director



**Dr. Peter Megaw** Advisor & Significant Shareholder

### **Capital Markets**



Alain Lambert CEO



**Carmelo Marrelli** CFO



Louis Doyle Director

CEO increased shareholdings by 46% in last 12 months – open market purchases

#### INVESTMENT HIGHLIGHTS

- Right balance between successful explorers & capital markets expertise
- Right people, right projects, right timing
- Low overheads: no fixed salaries
- Tight share structure:
  - Only 54.1 million shares outstanding
  - Market cap: \$14 million (September 26th ,2024)
  - 28.6% ownership by insiders, founders & advisors
- Vizsla Silver (TSXV: VZLA) strategic investor:
  - 9.4% ownership

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### Panuco District



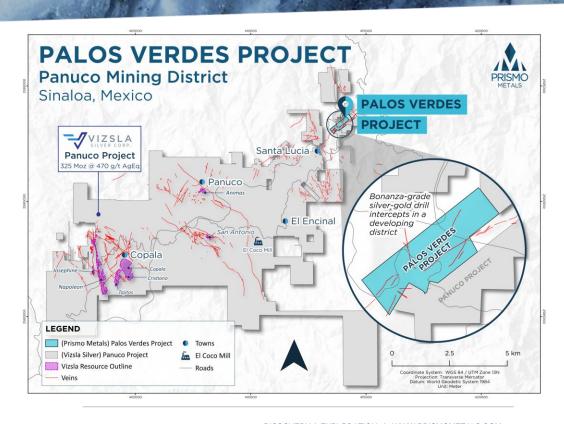
#### Panuco district

- Much of the district has been consolidated by Vizsla Silver Corp., Prismo's strategic partner
- Rapidly developed large precious metal resource, 155.8Moz Ag equivalent indicated resources with 169.6Moz Ag equivalent inferred
- Robust PEA with 85.7% IRR and 15.2moz silver equivalent per year production
- Planned 3,300 tpd production with initial 10+ year mine life

#### **Palos Verdes**

- · Near the northeastern limit of Panuco district
- At higher structural level less erosion
- Mineralized portion of the vein appears to be entirely preserved
- Surrounded by Vizsla Silver (TSXV: VZLA)

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.



## **Exploration Results**

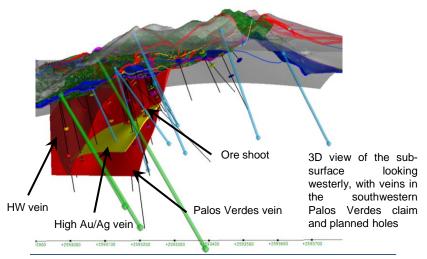


- 6,052 meters completed in 33 holes to date
- Bonanza grade intercepts in mineralized shoot
- Drill hole PV-18-02 cut:
  - 8.42 g/t Au, 2,335.98 g/t Ag, 0.27% Cu, 1.72% Pb and
     2.46% Zn or 3,205 g/t silver equivalent over 1.15 m
- Drill hole PV-23-25 cut the best intercept to date at the project:
  - With 102 g/t Au and 3,100 g/t Ag, or 11,520 g/t silver equivalent over 0.5 meters
  - This intercept is part of a wider mineralized interval with
     4,311 g/t Ag equivalent over 1.35 meters

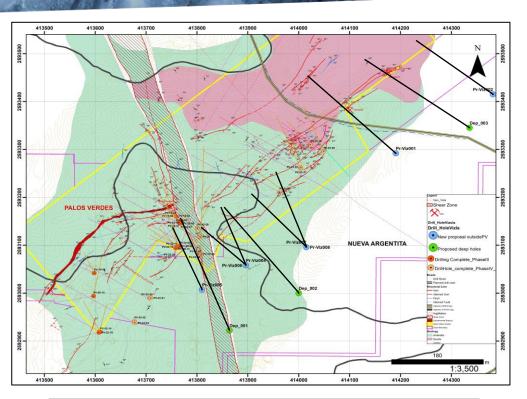




- Joint Prismo and Vizsla Technical Committee (Gibson, Velador, Megaw) recommended an expanded program of deeper drilling
- Collar holes on Vizsla concessions to get proper angle
- Planned 3,000 meters in staged program



Map and 3D view of subsurface showing planned deep drill holes in blue and green.





#### Drilling to Southwest of Shear Zone

- Cross section showing proposed drilling underneath mineralized shoot defined by drilling to date
- Planned to cut the high Au/Ag vein as well as the Palos Verdes vein at least 50m underneath past drilling
- 50- and 100-meter offsets could significantly expand the mineralization in this area
- Will test main Palos Verdes vein as well as high Au/Ag vein with highest grades to data
- Priority holes from sites Pr-Viz 005

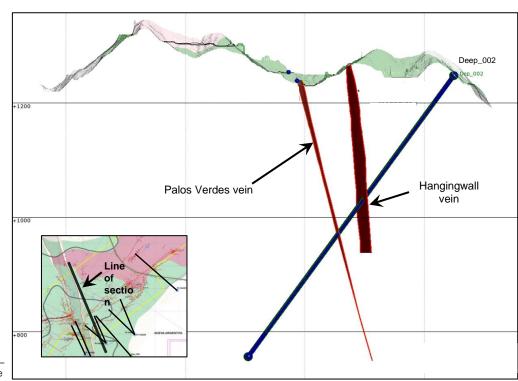
+1250 Deep 001 Mineralized shoot Palos Verdes vein NW fault zon +900 Line of section +850

Cross section through mineralized shoot southwest of the NW fault zone



#### Drilling to Northeast of Shear Zone

- Cross section showing proposed drill hole to northeast of the NW shear zone that offsets the Palos Verdes vein
- Planned to cut the Palos Verdes vein and hangingwall splits at significant depths where they have only been tested at very shallow depths
- Geologic mapping and alteration studies indicate that the mineralized shoot may have been displaced downward in this area
- Second priority, site Deep\_002 and Pr-Viz 004



Cross section northeast of the NW fault zone



#### Drilling the Palos Verdes vein

- 725 meters in priority holes to test mineralized body at depth
- 750 meters to test for extension of mineralized body to NE of NW shear
- 750 meters along strike to NE
- 400 meters near the Jesusita mine at NE limit of concession
- Follow up holes in each area depending on results

					lu aliu ati a			
Hole ID	Easting	Northing	Elev	Azimuth	Inclinatio n	Donth	Priority	Target
Target below	w mineraliz				- ''	Deptil	FIIOTILY	Target
					50	275		Tast and a prince of back.
Pr-Viz005A	413,809	2,593,015	1,153	340	-60	275	_	Test under mineralized body
Pr-Viz005B	413,809	2,593,015	1,153	340	-65	325	1	Alt to deep_001A
deep_001A	413,864	2,592,922	1,173	340	-55	450	1	Test under mineralized body
NE of fault								
Pr-Viz004	413,924	2,593,065	1,248	320	-50	350	1	Test to NE of shear
Pr-Viz004A	413,924	2,593,065	1,248	320	-65	400	1	Alternate of site Deep_002
deep_002	414,005	2,593,043	1,306	320	-60	600	1	Test at depth to NE of shear
Pr-Viz004B	413,924	2,593,065	1,248	0	-60	400	2	Alternate of site Pr-Viz007
Pr-Viz007	414,016	2,593,132	1,275	320	-60	350	2	Test along strike
Jesusita								
X1-V2A	414,263	2,593,248	1,366	290	-45	400	3	Jesusita SW
X1-V2	414,263	2,593,248	1,315	310	-45	350	4	Jesusita
PV-3	414,382	2,593,415	1,362	310	-45	300	4	NE limit of concession
				Ore shoo	t SW of fault	725		
				Tes	st NE of fault	750		
					Further NE	750		
					Jesusita	400		
					Total	2625		

Table of planned drill holes



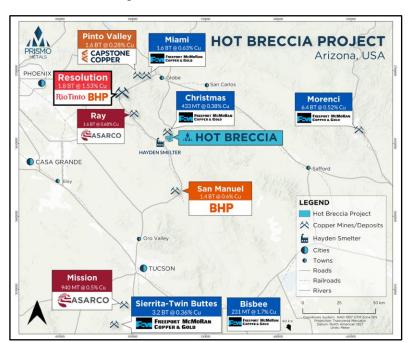
### In The Heart of the AZ Copper Belt

- Right address: in the heart of the Arizona Copper Belt
- Infrastructure: highway, water, power lines, Hayden smelter, Asarco concentrator close to property boundary.
- Fully permitted, driller selected

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

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

### **Most Majors Present in the District**

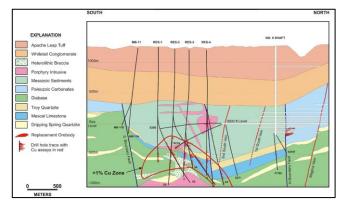


## **Looking For The Next Resolution**



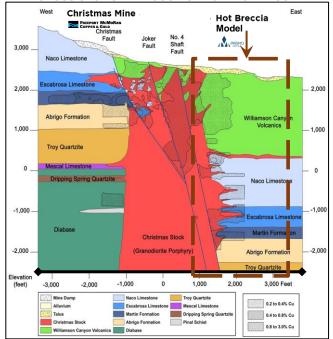
### ChristmasMine/Hot Breccia reminescent of Magma Mine/Resolution:

- Associated with intermediate intrusive rocks into favorable sedimentary rocks that are covered by an andesitic volcanic sequence
- Laramide age, multi-phase, causative intrusives.
- One <u>Difference</u> is that the Hot Breccia prospective host rocks start 400 m below surface; Resolution deposit starts at 1,200 m below surface



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

#### CROSS SECTION THROUGH CHRISTMAS DEPOSIT



Reference

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

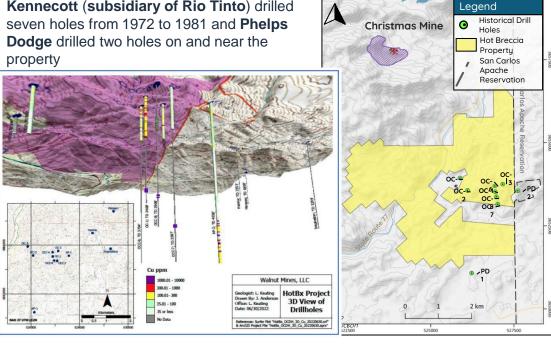
### **Historic Drill Holes**



#### 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

 Kennecott (subsidiary of Rio Tinto) drilled Dodge drilled two holes on and near the



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### **Breccias: Mother Nature's Sampling Program**

- · Breccias exposed in the area of past drilling:
  - Polylithic breccias, mainly andesite and intrusive fragments, with some fragments of limestone and quartzite brought up from depth.
  - Some fragments mineralized
  - Copper and gold mineralization in the area of the breccia exposures

 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

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





# **Recent Exploration**



- 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

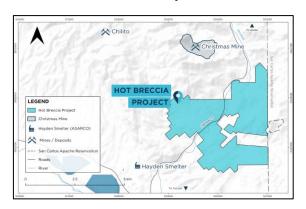


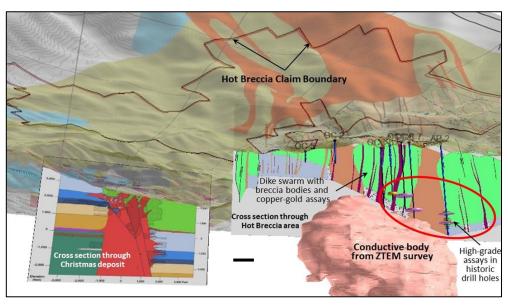






- Fully permitted
- Driller selected
- Drilling budget: US \$2 million
- Planned drilling 5,000m (5 holes):
  - Twin or deepen one or more of the historical core holes
  - Test ZTEM anomaly





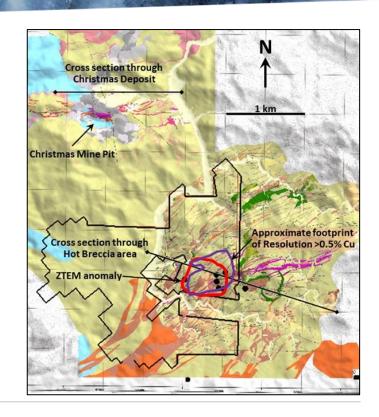
Schematic view of Hot Breccia from underneath the surface showing cross sections through the Christmas deposit and Hot Breccia, and conductive anomaly from ZTEM survey under geology similar to the Resolution deposit

## **Geophysics Found Large Anomaly**



- 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

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



# **Large Orogenic Gold 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



### **Los Pavitos**



Piedras Verdes Mine

- 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

NAVOJOA

Alamos Project

Minaurum

Alamos Airport

ALAMOS

Minaurum

Legend

Los Pavitos Project

City/Town

Surrounding Properties

Roads

Airport

Exploration Projects

Water Bodies

O 10 20 km

Alamo Dorado Mine

Pan American Silver

Alamo Dorado Mine

Pan American Silver

Aurifero Project

LOS PAVITOS

Sonora, Mexico

The Los Pavitos Property surrounds small interior concessions

# **Short Term Catalysts**



#### **Hot Breccia**

Fully permitted

**Drill** mobilization

Drill results

#### **Palos Verdes**

Fully permitted

**Drill** mobilization

Drill results





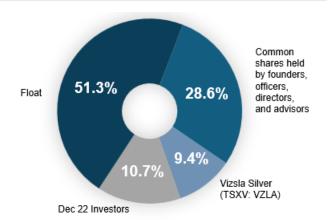


# **Tight Share Structure**



Capital Structure						
Shares held by founders, officers, directors & advisors	15,498,607	28.6%				
Vizsla Silver Corp (TSXV: VZLA)	5,100,000	9.4%				
Institutions (December 2022 @ 52 cents)	5,800,000	10.7%				
Float	27,780,930	51.7%				
Total Shares Outstanding (basic)	54,179,537	100%				
Warrants (1)	3,839,103	\$1,097,275				
Officers, directors & advisor options (2)	3,200,000	\$896,000				
Officers, directors & advisor SARs & RSUs	1,925,000	N/A				
Warrants (institutions - strike price \$0.75)	2,900,000	\$2,175,000				
Warrants (Vizsla Silver – WAEP \$0.65)	2,550,000	\$1,637,500				
Sub total	14,414,103	\$5,805,775				
Total Outstanding (Fully diluted)	68,593,640					

## Strong ownership by Founders, Management Team, Advisors



28.6% Management, Founders & Advisors

9.4% Vizsla Silver (TSXV: VZLA)

### Market cap: \$14 million (1)

(1) As of September 26th, 2024

(2) WAEP of \$0.28

<sup>(1)</sup> WAEP of \$0.25



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# **Thank You**

Alain Lambert, CEO

**Steve Robertson,** President

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