

### MANAGEMENT TEAM

Dr. Raymond Jannas - CEO

Thomas Pladsen - CFO

Ben Pullinger – SVP, Exploration & Business Development

### BOARD OF DIRECTORS

Craig Nelsen - Chair

Alejandra Wood

Jamile Cruz

Dr. Raymond Jannas

Rob Suttie



#### Emerging District

Flagship Valeriano project lies within the Link Belt, adjacent to majors



#### Scale and Grade

Drill results confirm a major copper-gold porphyry system



#### Proven Management

Led by a team that discovered numerous deposits in Chile

### THE VALERIANO – EL ENCIERRO PORPHYRY CLUSTER



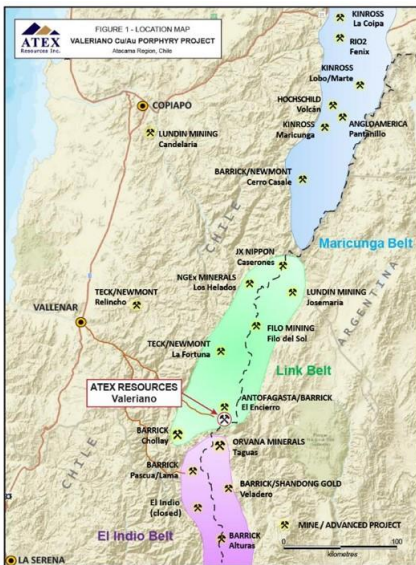
Valeriano is adjacent to the El Encierro deposit (Antofagasta/Barrick)



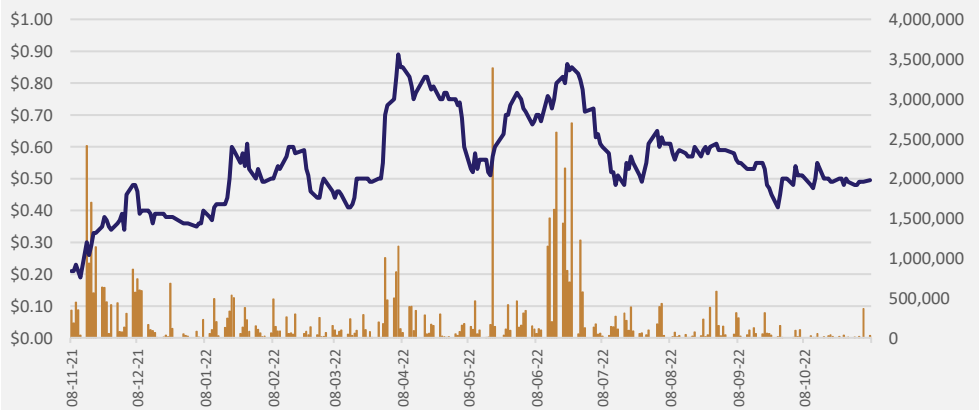
Underexplored Valeriano porphyry: 297.3MT @ 0.59% Cu, 0.19 g/t Au, 0.9 g/t Ag (Inferred, 2020)



2022 Phase II drill program returned an intercept of **1,160 metres @ 0.78%CuEq**, including 550 metres @ 1.03% CuEq



### STOCK CHART (TSXV: ATX)



### CAPITAL STRUCTURE

	<b>Market Capitalization</b>	C\$65.9M
	<b>Shares Outstanding</b>	133.9M
	<b>Warrants Options</b>	87.8M 5.7M
	<b>Cash on Hand</b>	C\$14.5M

### SHAREHOLDERS

**Management and Directors:** 4.8%

**Pierre Lassonde:** 10.9%

**Management Consultants:** 5.5%

**1832 Funds:** 5.9%

**Others:** 72.7%

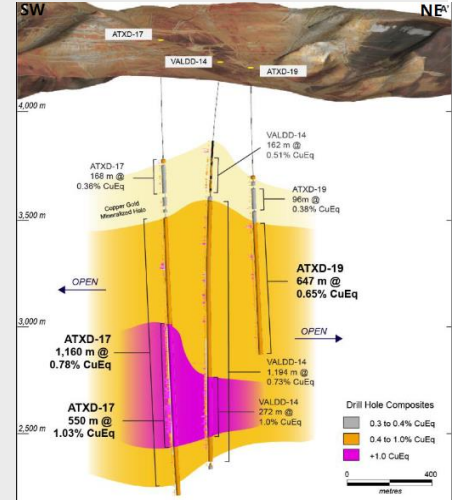


## PHASE II RESULTS: CONTINUOUS AND CONSISTENT GRADE

Multiple drill holes confirm over 1.0-kilometer vertical extent of the mineralization with copper grades over 0.4% CuEq

- 2022 drillholes **ATXD-17** and **ATXD-19** expand the porphyry mineralization 200 m southwest and northeast, respectively, of historic hole VALDD-14
- The interval of high-grade mineralization was significantly longer in hole **ATXD-17**, compared to VALDD-14, returning **1.03% CuEq over 550 metres**
- **ATXD-17** remained in mineralization through to its final depth of 2,057 metres; Phase II results summary below.

Hole ID	From (metres)	To (metres)	Interval (metres)	Cu (%)	Au (g/t)	Mo (ppm)	CuEq (%)
ATXD-17	802	1,962	1,160	0.53	0.28	70	0.78
including	1,280	1,830	550	0.69	0.39	70	1.03
ATXD-19 <sup>3</sup>	662	1,309	647	0.50	0.15	60	0.65



## PHASE III DRILLING STARTED

An initial 10,000 metres planned

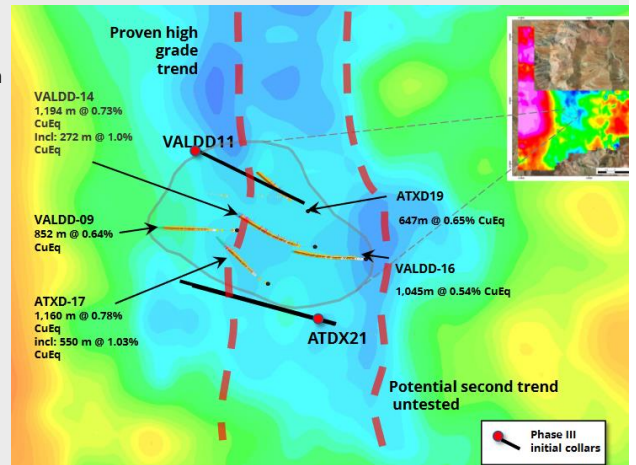
- Designed to extend the high-grade trend intersected in **ATXD-17 (1,160m @ 0.78% CuEq)**, including **550m @ 1.03% CuEq** and **VALDD-14 (1,194m @ 0.73% CuEq)** including **272m @ 1.00% CuEq**
- Initial **200m step out** holes along trend to the north and south
- Using **directional drilling** to test multiple targets off a single hole
- **Geodrill** subsidiary has two rigs at site, capable of drilling to depths of ~ 2,000m

## POTENTIAL FOR UNTESTED SECOND TREND

High-grade trends from recent mag survey correlate with high grade porphyry trend

The western high-grade corridor agrees with +1.0% CuEq zones of ATXD-17 and VALDD-14

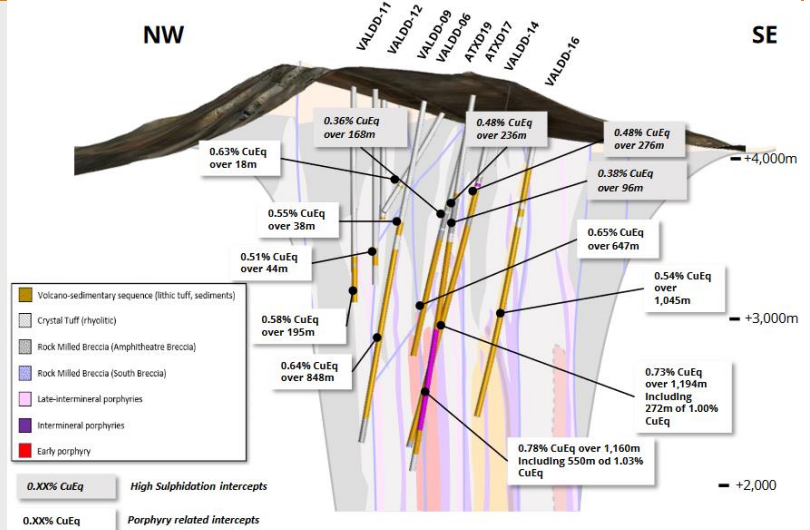
**Untested eastern high-grade corridor is suggested by the magnetic survey**



## VALERIANO GEOLOGY

Multi-phase granodioritic porphyry system intruded into and altered a sequence of rhyolitic tuffs, flows and breccias:

- Cu Au porphyry mineralization strengthens to depth with increasing potassic alteration
- Copper mineralization is dominated by chalcopyrite with lesser bornite
- Halo of lower grade high sulphidation Cu Au, up to 250 m thick, overlies the +0.4 CuEq mineralization



Please refer to our Forward-Looking Statement & NI 43-101 Disclosure on our website