

March 2024



TSXV: SLG



## ***The Cerro Blanco Target – San Lorenzo Gold***

“A large and strong porphyry style hydrothermal alteration zone enriched in gold and copper at surface underlain by a significant IP chargeability anomaly”

## SUMMARY

### Cerro Blanco

### A San Lorenzo Gold “High Priority Target”

- 1) Exposed alteration zone over 2 km in strike length
- 2) Surface soil and rock samples show highly anomalous copper - gold values
- 3) Underlying IP chargeability anomaly identified
- 4) Near a world class deposit in Mega Porphyry Belt

## LOCATION

The picture (right) is an aerial view of the Cerro Blanco target (enclosed in the red circle) looking northeast towards the El Salvador Mine.

### Exploration Notes:

The white leach-cap and argillic alteration could indicate mineralization in the subsurface which is supported by the surface soil and rock samples enriched in copper and gold.

The Salvadora property and the Cerro Blanco target within it are located on the rim of a collapsed caldera, a similar structural setting to that at the world class El Salvador mine.

### Investor Notes:

The Salvadora property is located in “elephant country”, the Mega Porphyry Belt of northern Chile, host to some of the largest copper – gold and copper – molybdenum mines in the world.



## VISIBLE ALTERATION (1)

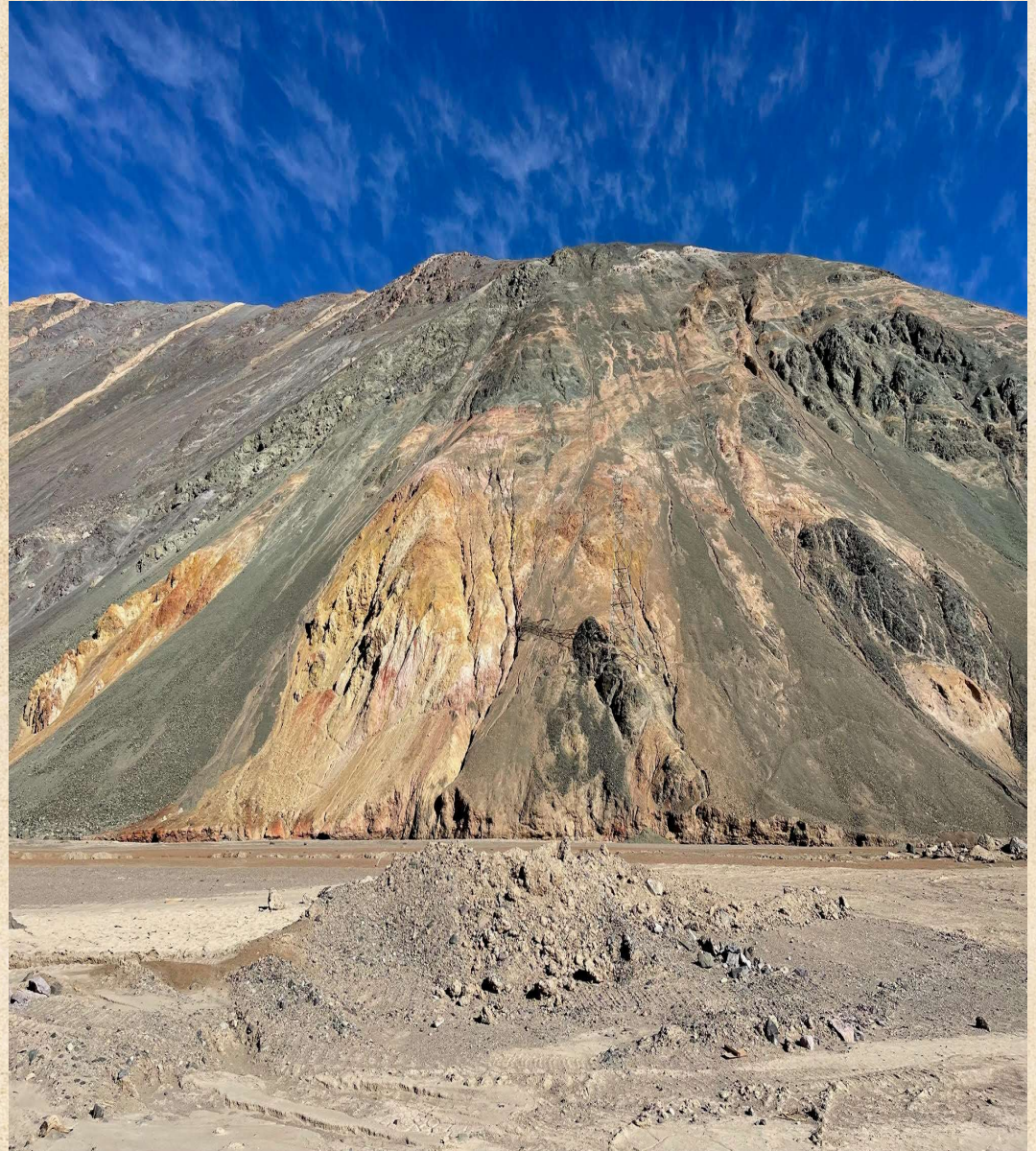
The picture (right) is taken from the valley floor - looking south – illustrating the alteration that is visible rising approximately 250 meters to ridge top

### Exploration Notes:

The highly altered rock visible at Cerro Blanco was caused by hydrothermal fluids from an ancient heat engine at depth

### Investor Notes:

The extensive and intense alteration observed at Cerro Blanco could only have been produced by a major alteration event. The IP and geochemical sampling indicate targets that must be explored by drilling.



# CERRO BLANCO TARGET

## VISIBLE ALTERATION (2)

The picture (right) is an aerial view of the Cerro Blanco Target looking south.

### **Exploration Notes:**

While approximately 250 m of vertical height can be seen, the depth of the target, including the style of any mineralization at depth (ie: porphyry vs. epithermal vein style) cannot be determined without drilling.

### **Investor Notes:**

With a width of 1.5+ km, length of 2+ km and a thickness of at least 250 meters, the target is very large. A future drilling campaign that reveals commercial grades could unlock substantial value for San Lorenzo shareholders.



## SOIL SAMPLING

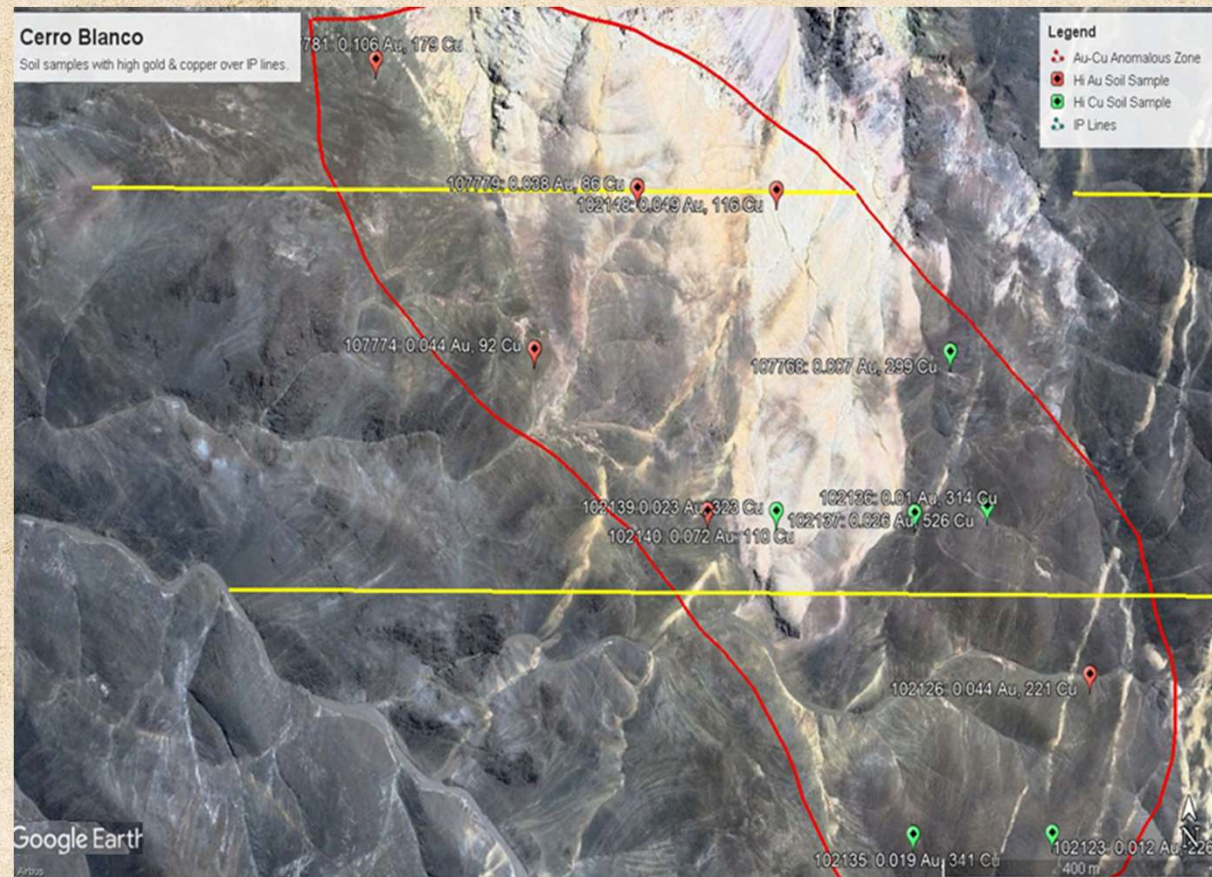
The map (right) shows the location of 12 samples from the December 2023 surface sampling campaign that were anomalous in copper (green) and gold (red) values. Overlain are the IP lines (yellow) which identify a chargeability anomaly.

### **Exploration Notes:**

A third phase campaign of 57 soil samples was completed in December of 2023 over the Cerro Blanco target.

### **Investor Notes:**

Gold rich samples were clustered in the NW, while copper rich samples were found mainly in the SE, suggesting a zonation of mineralization at depth, i.e. a copper rich zone distinct from a gold rich zone.



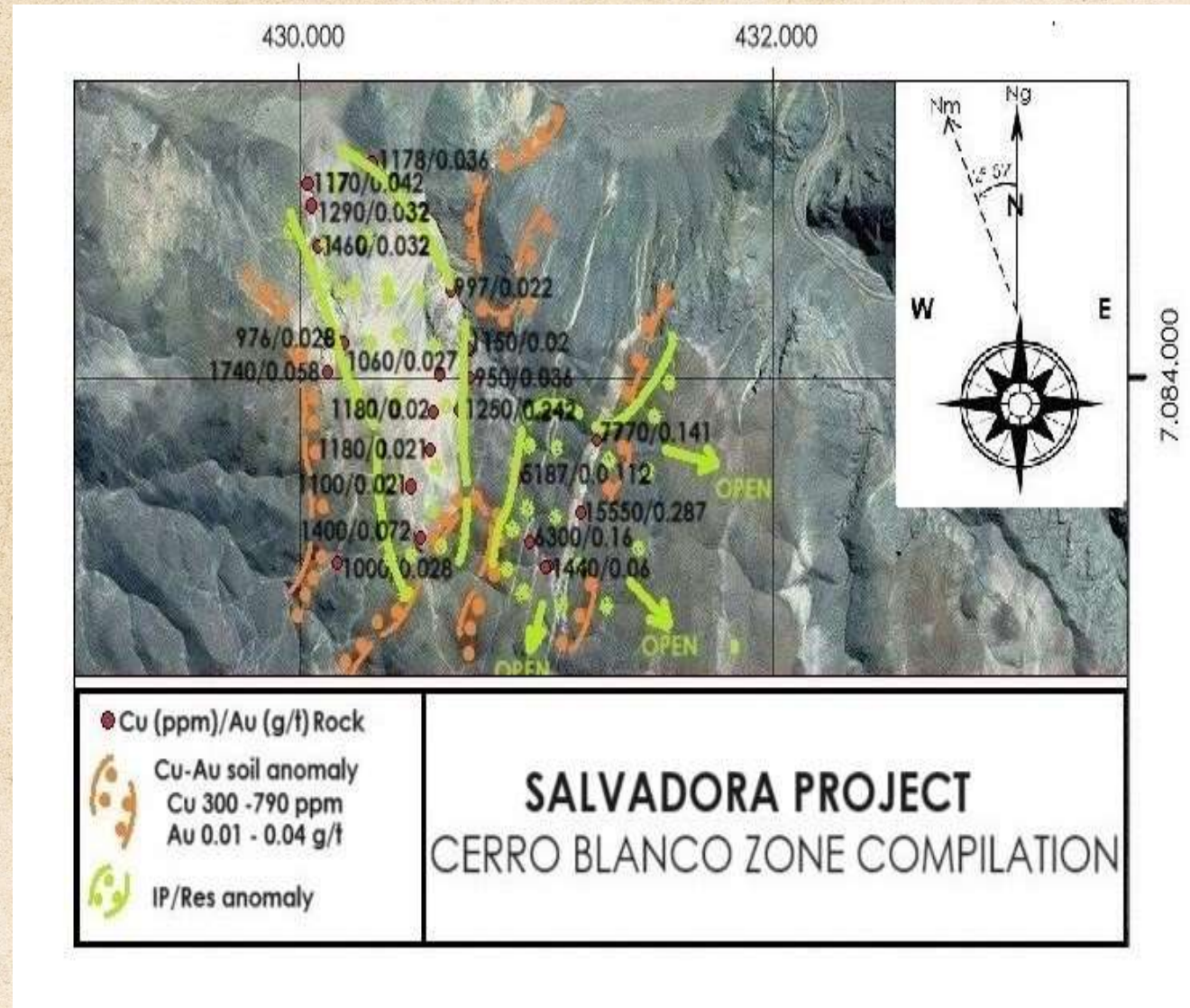
# CERRO BLANCO TARGET

## COMPILATION

The map (right) is a compilation of the chargeability anomalies identified by IP surveys combined with surface soil and drainage copper and gold anomalies. The red dots are rock samples with copper and gold values.

### Exploration Notes:

IP survey indicated 2 N-S trending anomalies 500 – 1100m wide open to the N, S, SW and at depth.



## ACCESSIBILITY

The Cerro Blanco target area has not been accessible via a road that is drill rig/water truck ready.

San Lorenzo is initiating road construction plans to allow a multi-hole “first phase” drilling program to be conducted which will be designed to determine the type and grade of mineralization contained in the target.





## SALVADORA COMPILATION

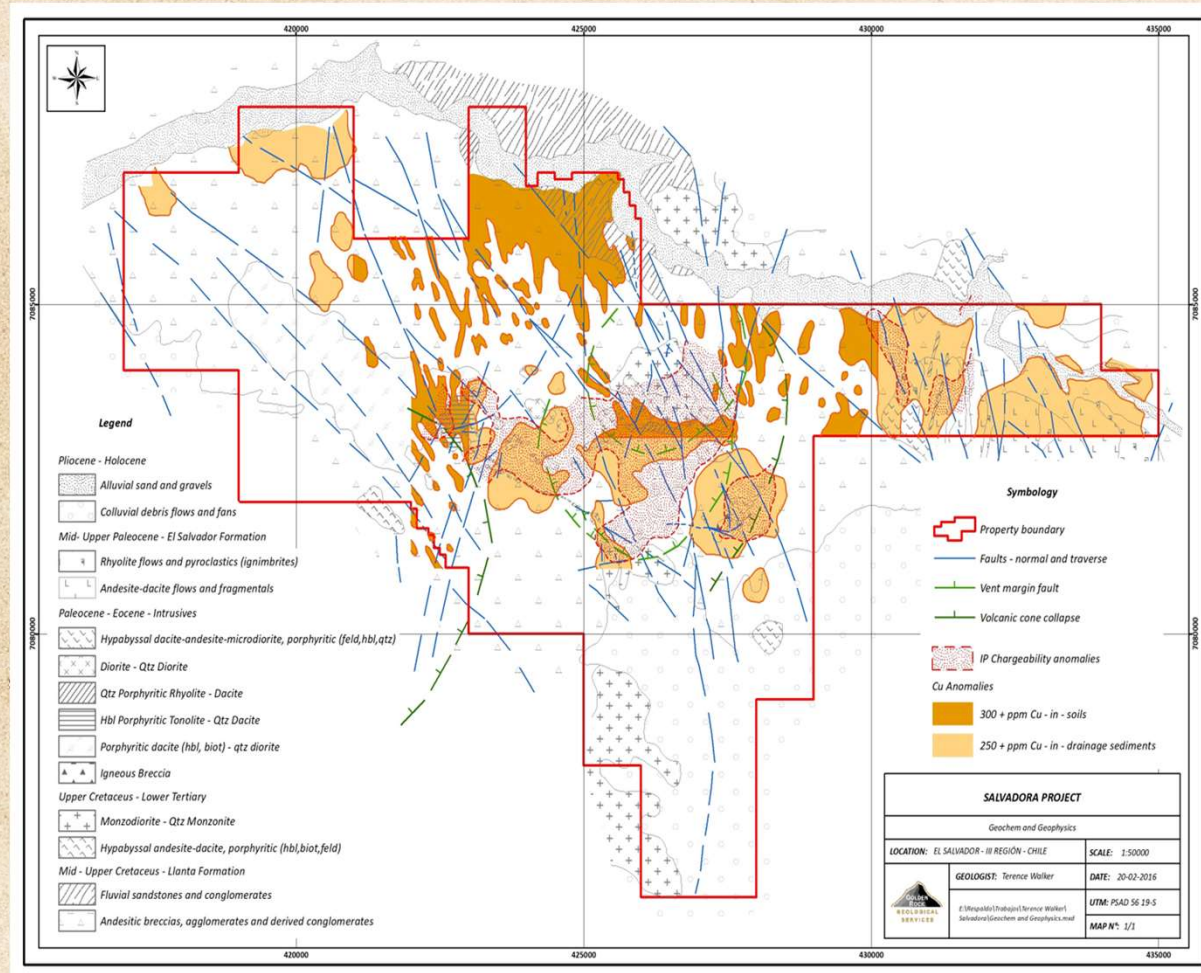
The map (right) is a compilation map showing geology, geochemistry and IP chargeability anomalies defined to date over the entire Salvadora Property.

### Exploration Notes:

The numerous IP anomalies, together with the mineralization San Lorenzo has encountered from its drilling to date, continues to affirm to management the existence of several extensive hydrothermal systems that have caused significant porphyry and epithermal style mineralization throughout the Salvadora Property.

### Investor Notes:

The 8,963 ha (89.63 sq km) Salvadora property contains numerous targets zones with excellent grades of copper and gold highlighted by San Lorenzo's past surface exploration and drilling programs.



## HISTORICAL MINING

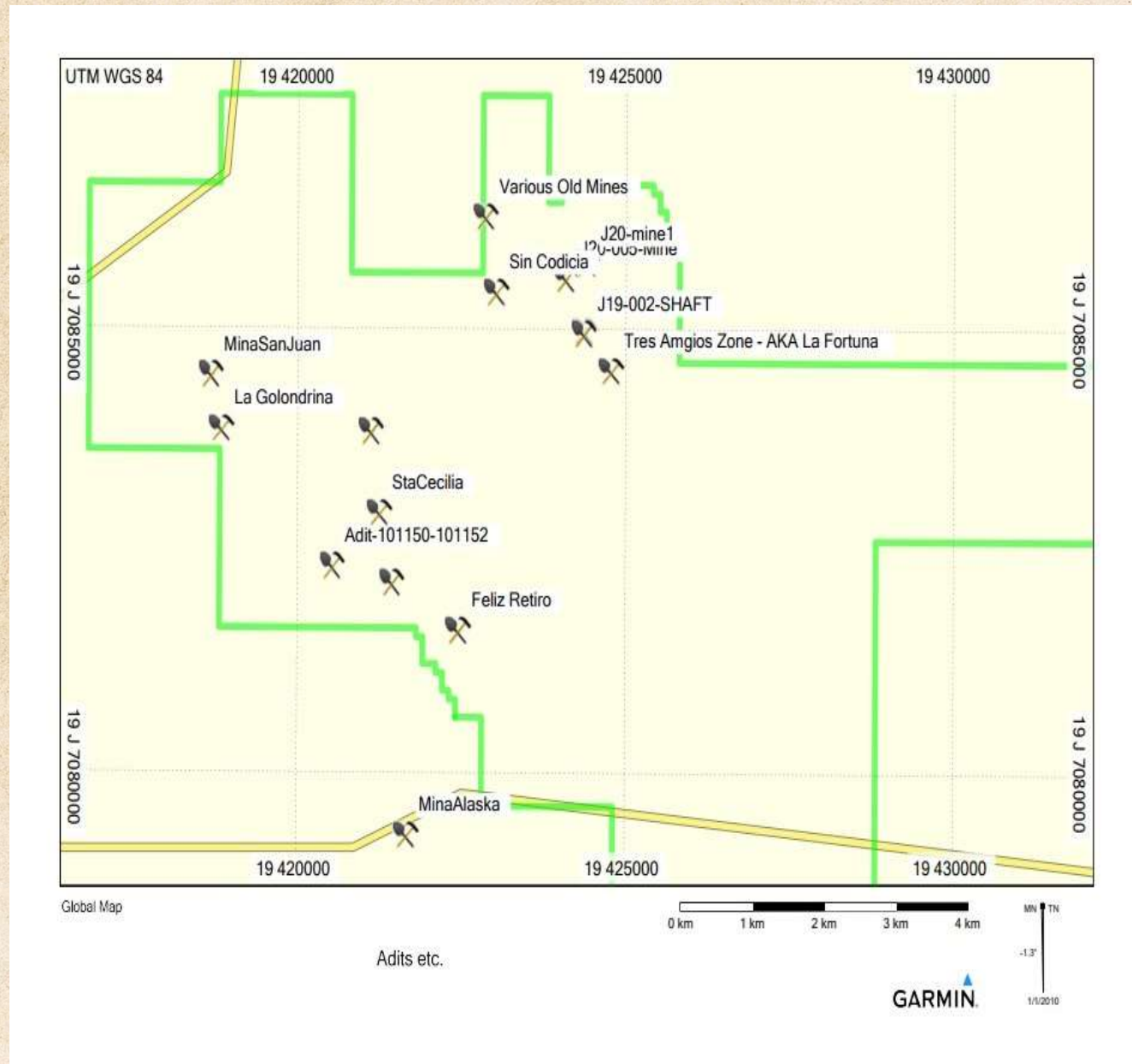
The map (right) indicates the location of historical artisanal workings on the Salvadora property in the SW Arco d' Oro trend and the NE Tres Amigos trend.

### **Exploration Note:**

The existence of such large clusters over defined trends plus high-grade Au, Ag and Cu values in San Lorenzo's surface and drill hole assay provides strong evidence that significant commercial grade deposits are present on the Salvadora property

### **Investor Notes:**

Mina Alaska (the Alaska Mine), on the south end of the Arco d' Oro trend, has produced over 85,000 tonnes of high-grade ore, reportedly at Au grades of 4.5 - 66 gm/tonne from surface to 280 m depth.



## CONCLUSION

### Cerro Blanco is a “High Priority Target”

The potential of the as-of-yet undrilled Cerro Blanco target is self-evident.

Favorable drilling results would likely unlock significant value.

San Lorenzo looks forward to upcoming drilling to unlock the multi-million-ton resource potential of the Cerro Blanco target.