ERICK EL ROJO PROJECT

“PORPHYRY”: COPPER (Cu) and GOLD (Au)

Apurimac Region
Peru – South America
2021

SUMMARY

1.- LOCATION: Huayana District; Andahuaylas Province; Apurimac Region

2.- ALTITUDE: 3,200 – 3,900 m.a.s.l.

3.- MINING PROPERTY: 1,000 Hectares (Quántica Minefinders) – Code: 01-01768-21

4.- GEOLOGY: Intrusive rocks of Granite composition from the Complex Querobamba.

5.- DEPOSIT: “Porphyry System - Copper (Cu) and Gold (Au)”

6.- EXPLORATION: 898 Geochemical Samples

7.- GRADES: 100 – + 5,000 ppm Cu (Copper) and 0.1 - + 0.5 ppm Au (Gold)

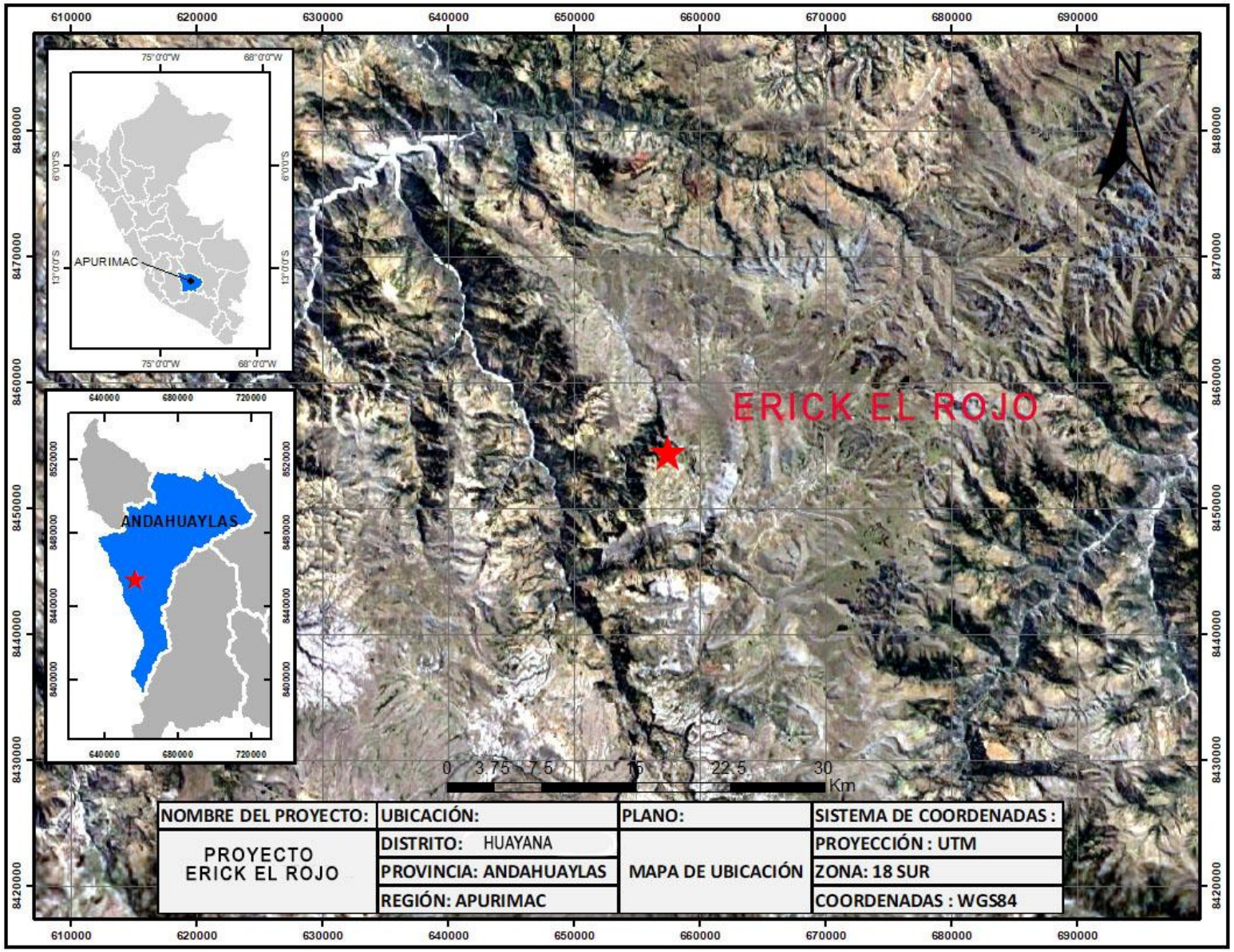
8.- TARGETS: 2,500 metre x 1,500 metre

9.- INFRASTRUCTURE: Accesses and Populated Centers

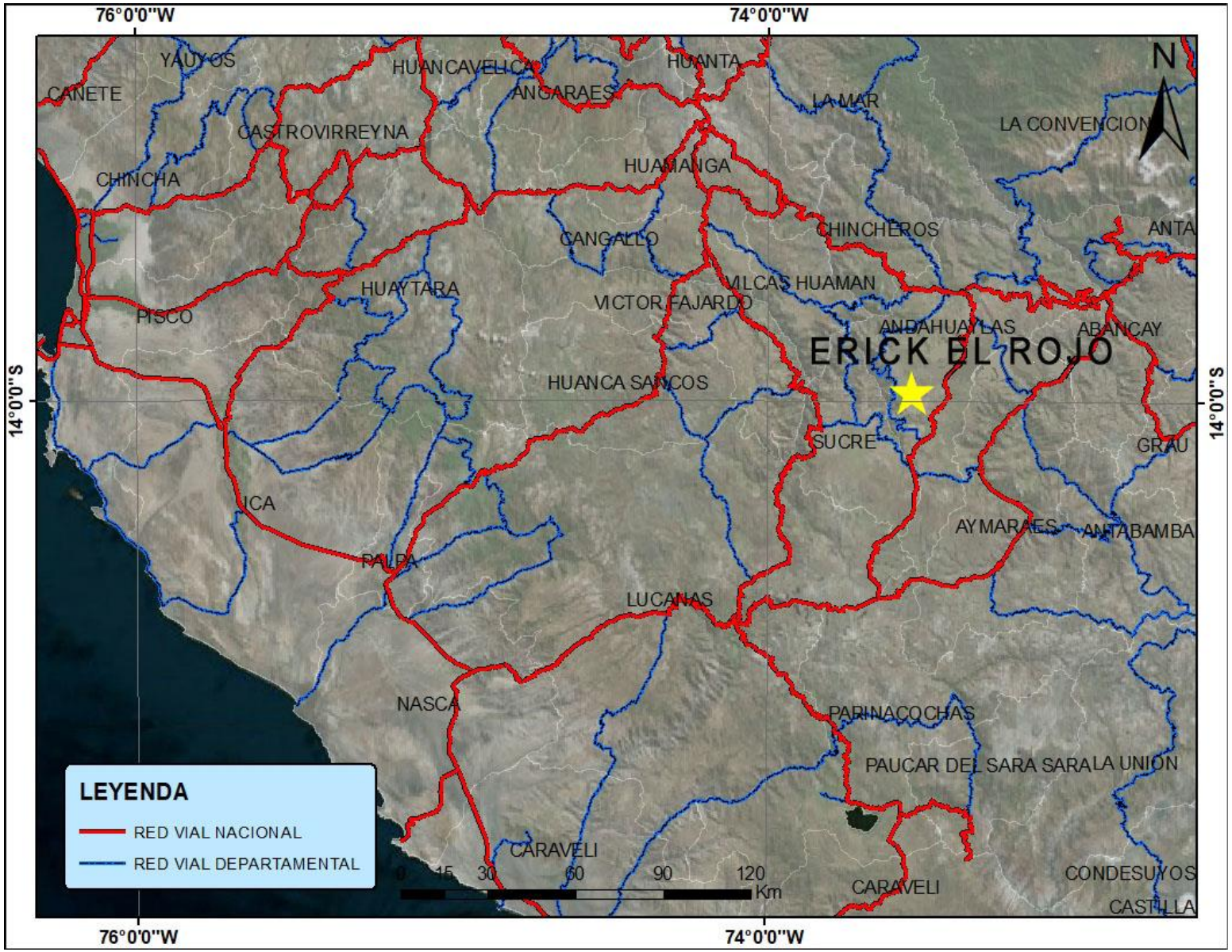
10.- COMMUNITY RELATIONS : There was no problem (Pro-Mining Population)

11.- POTENTIAL: Big Mining

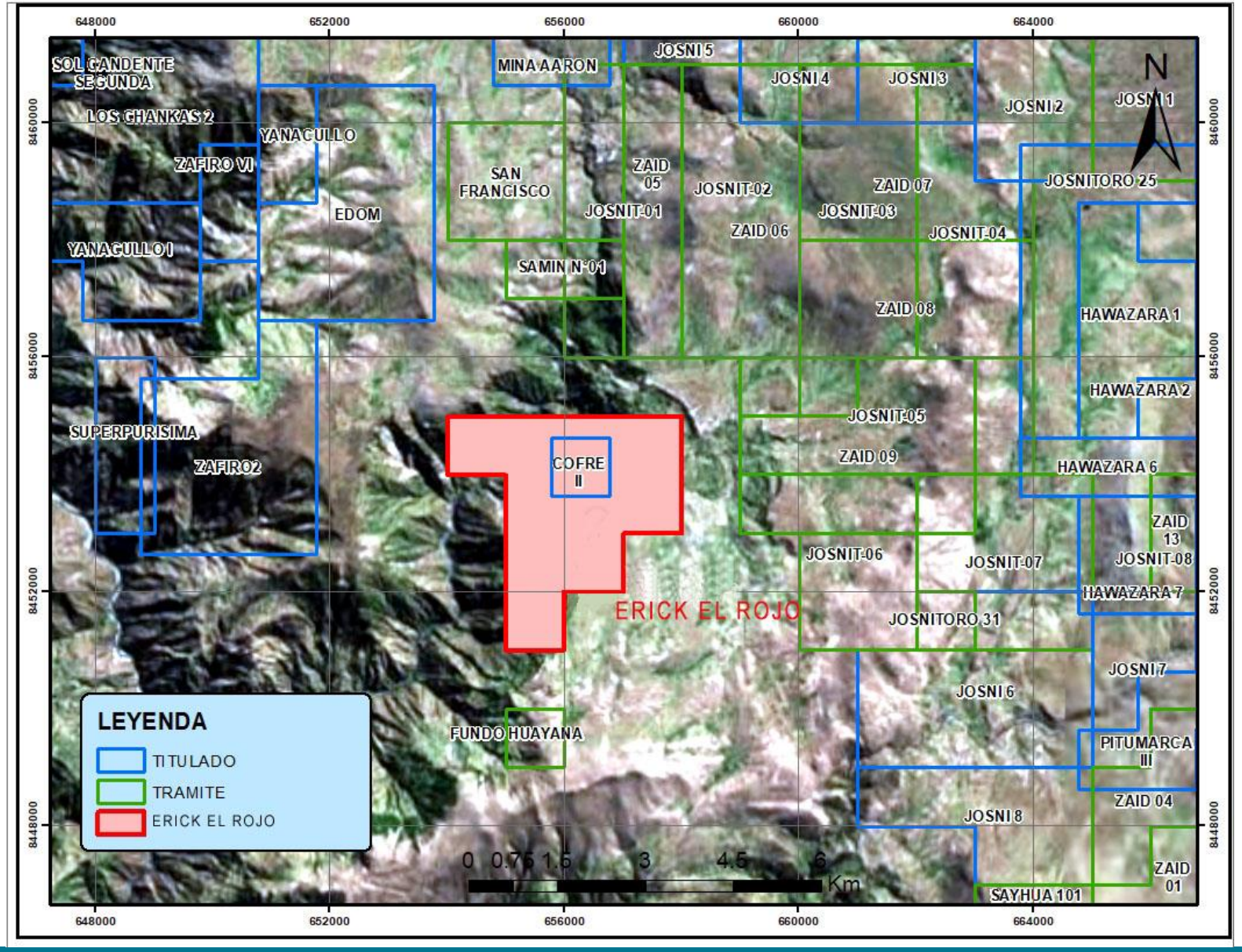
LOCATION


ERICK EL ROJO
APURIMAC
ANDAHUAYLAS
N
0 3.75 7.5 15 22.5 30
Km
NOMBRE DEL PROYECTO:
PROYECTO ERICK EL ROJO
UBICACIÓN:
DISTRITO: HUAYANA
PROVINCIA: ANDAHUAYLAS
REGIÓN: APURIMAC
PLANO:
MAPA DE UBICACIÓN
SISTEMA DE COORDENADAS :
PROYECCIÓN : UTM
ZONA: 18 SUR
COORDENADAS : WGS84

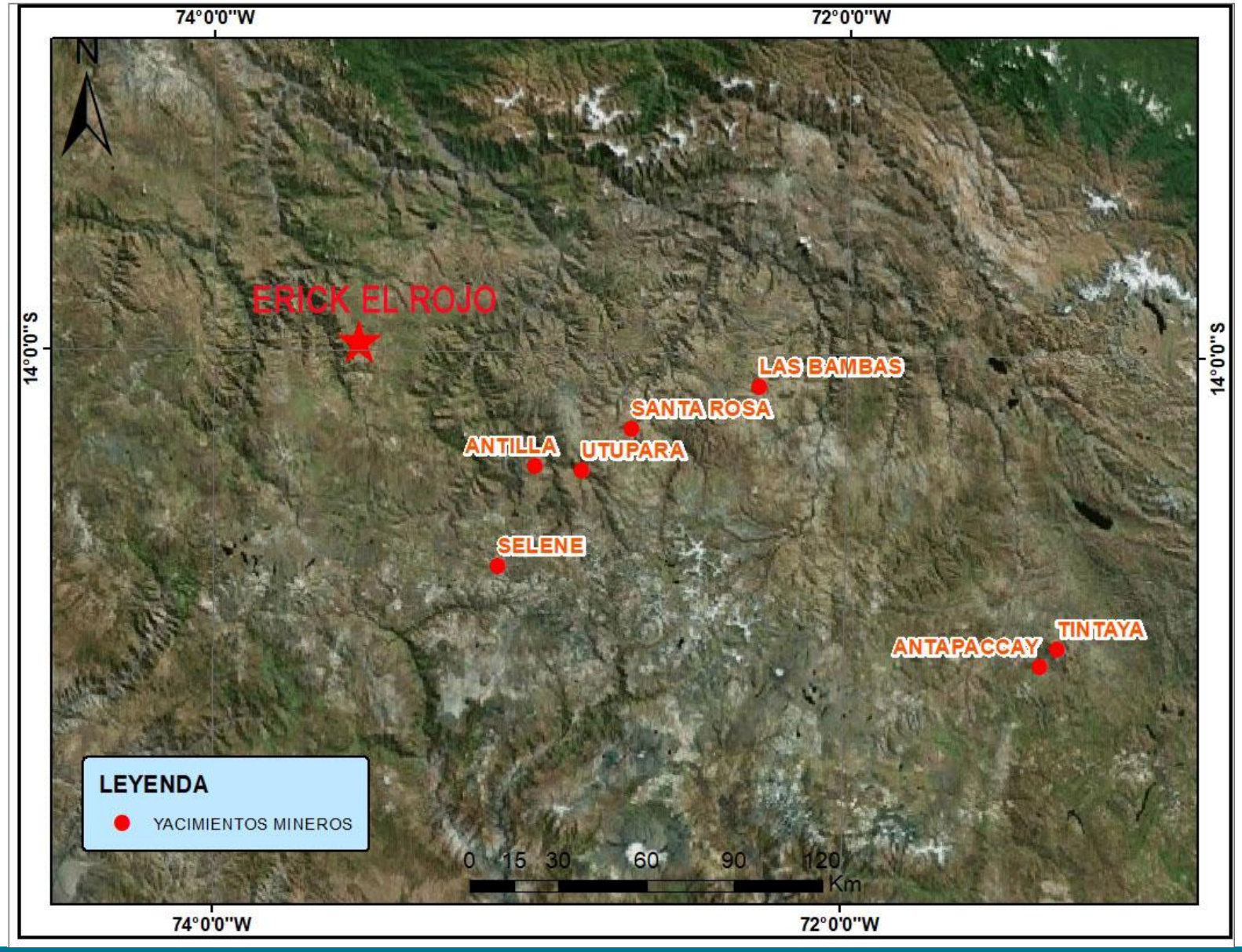
ACCESSIBILITY



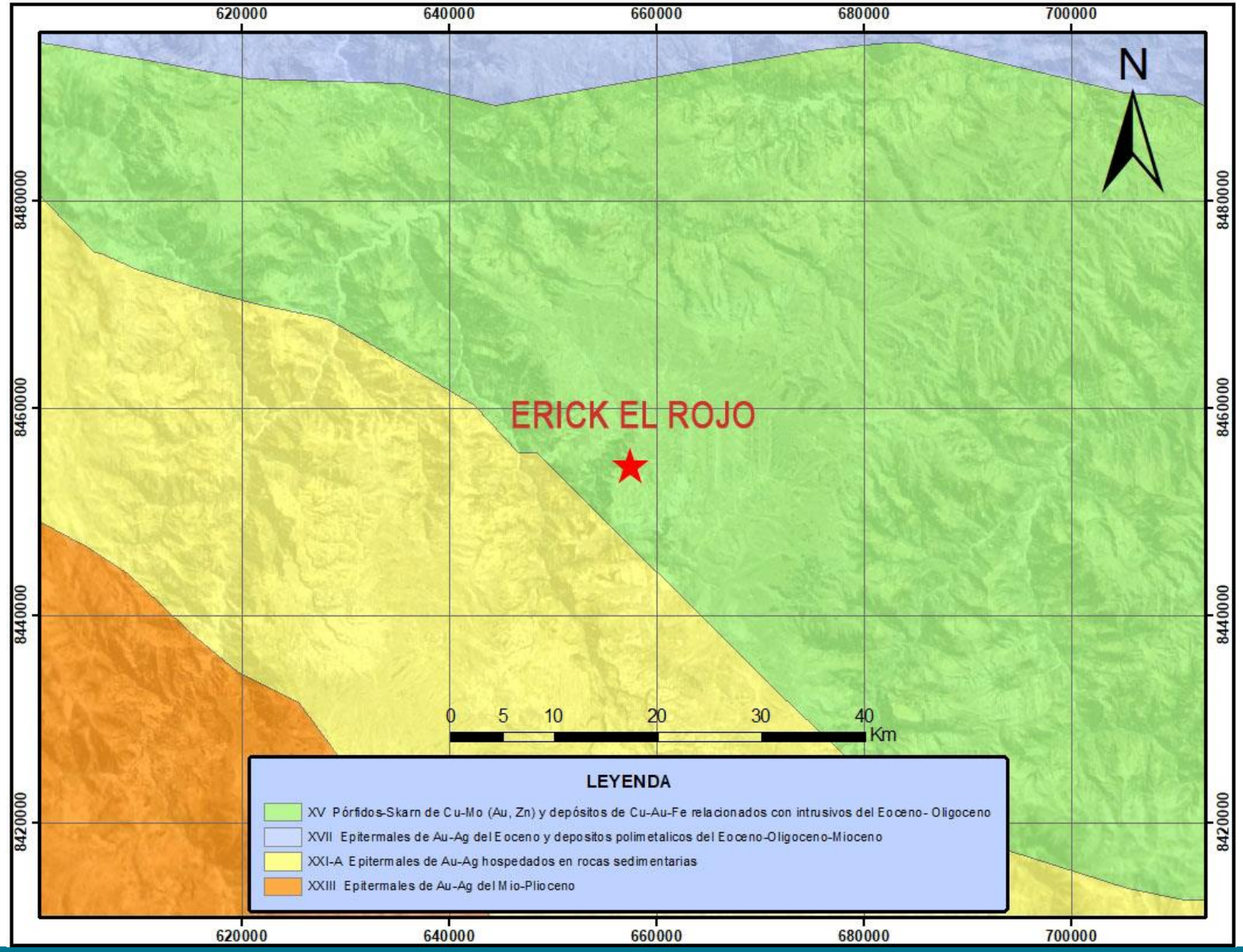
MINING PROPERTY



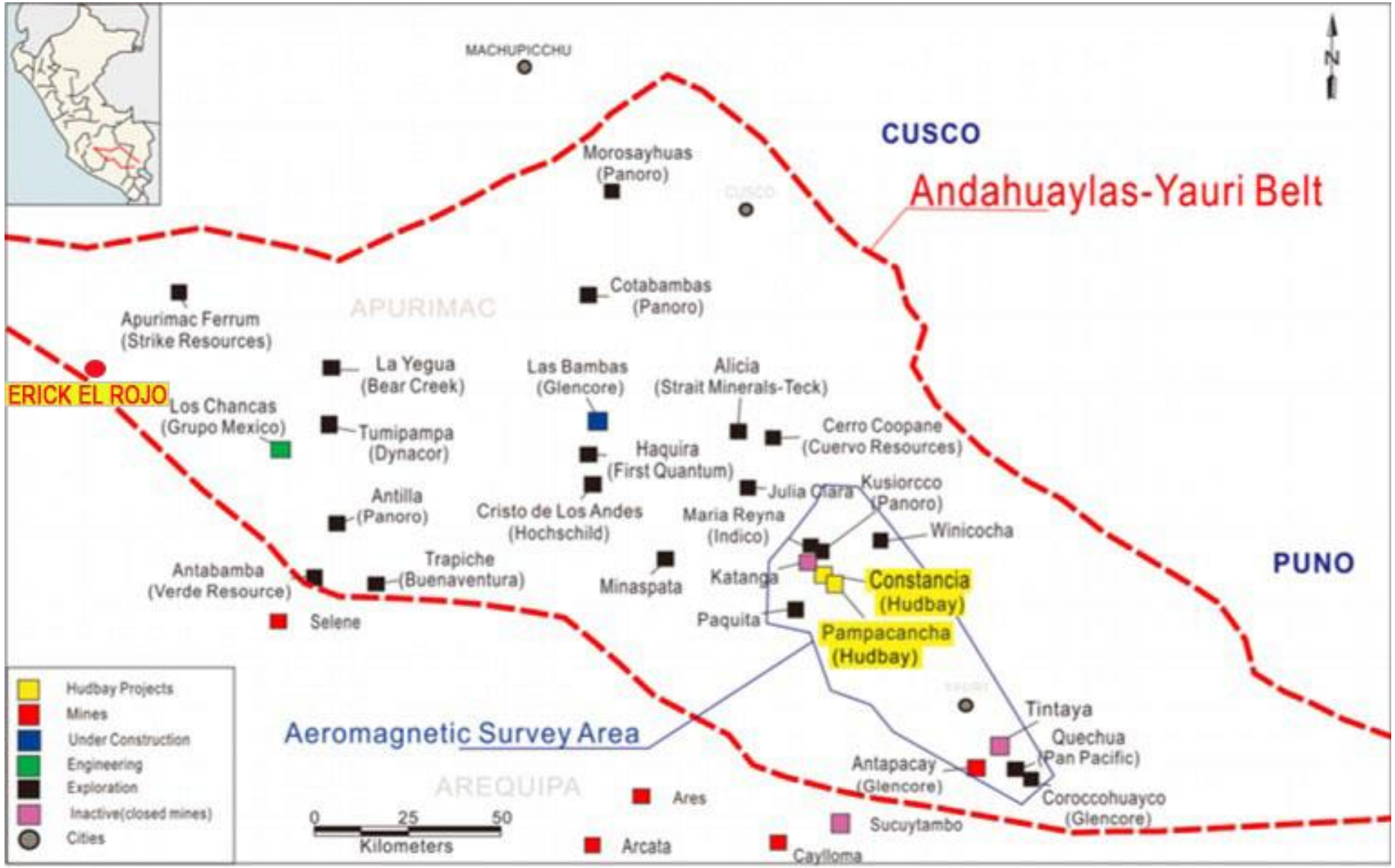
MINING PROJECTS



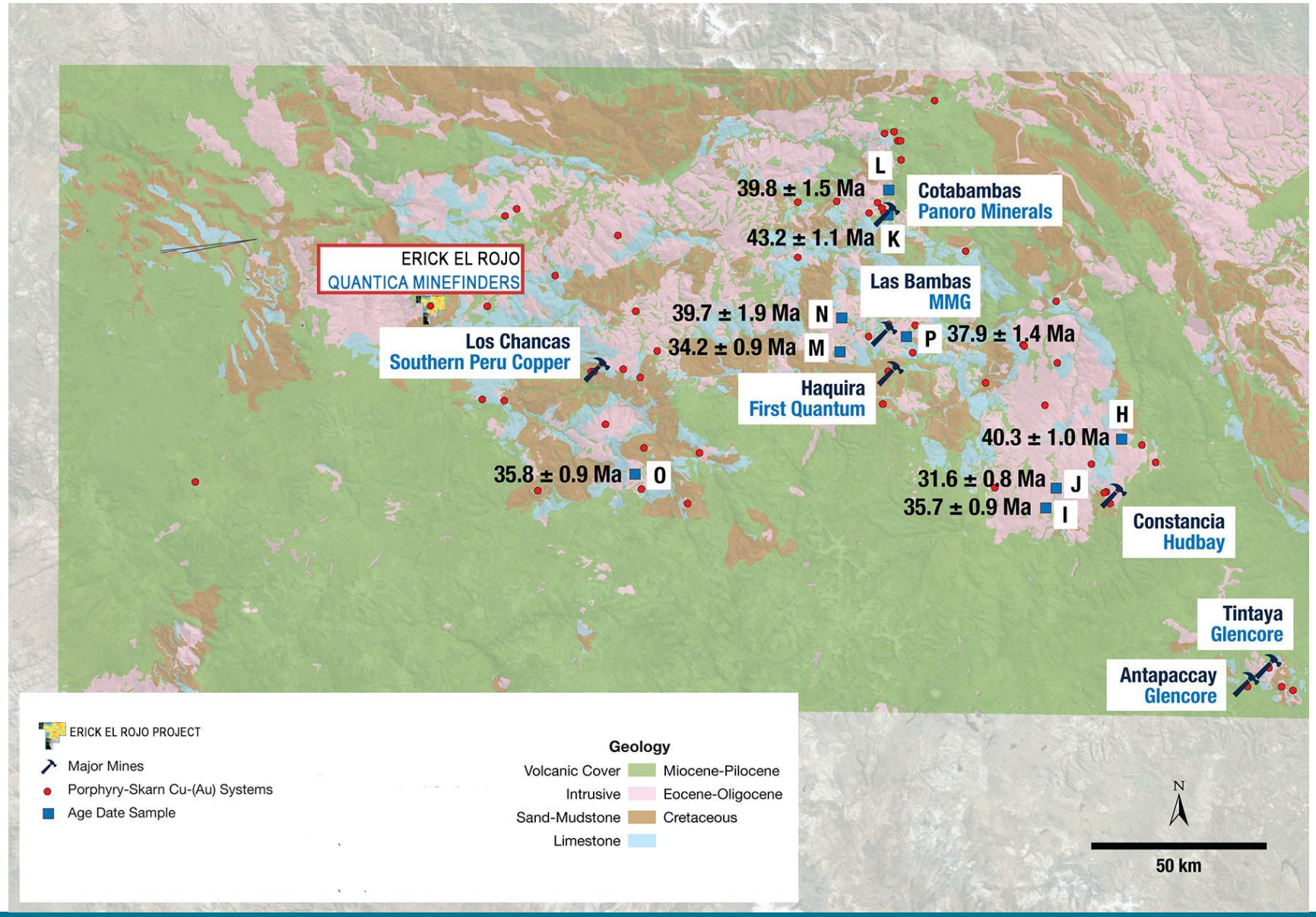
METALLOGENESIS



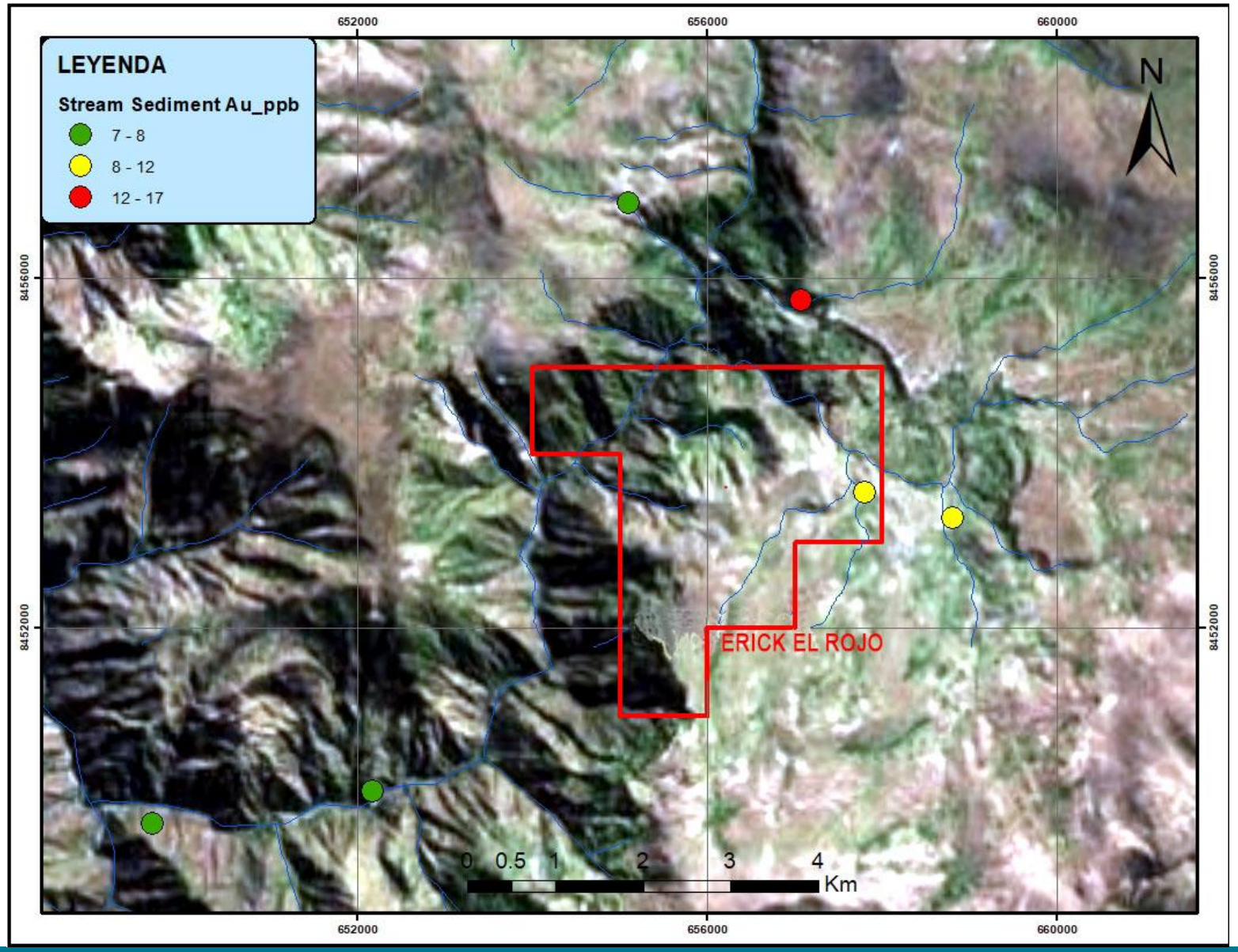
PORPHYRY - SKARN " ANDAHUAYLAS - YAURI BELT"



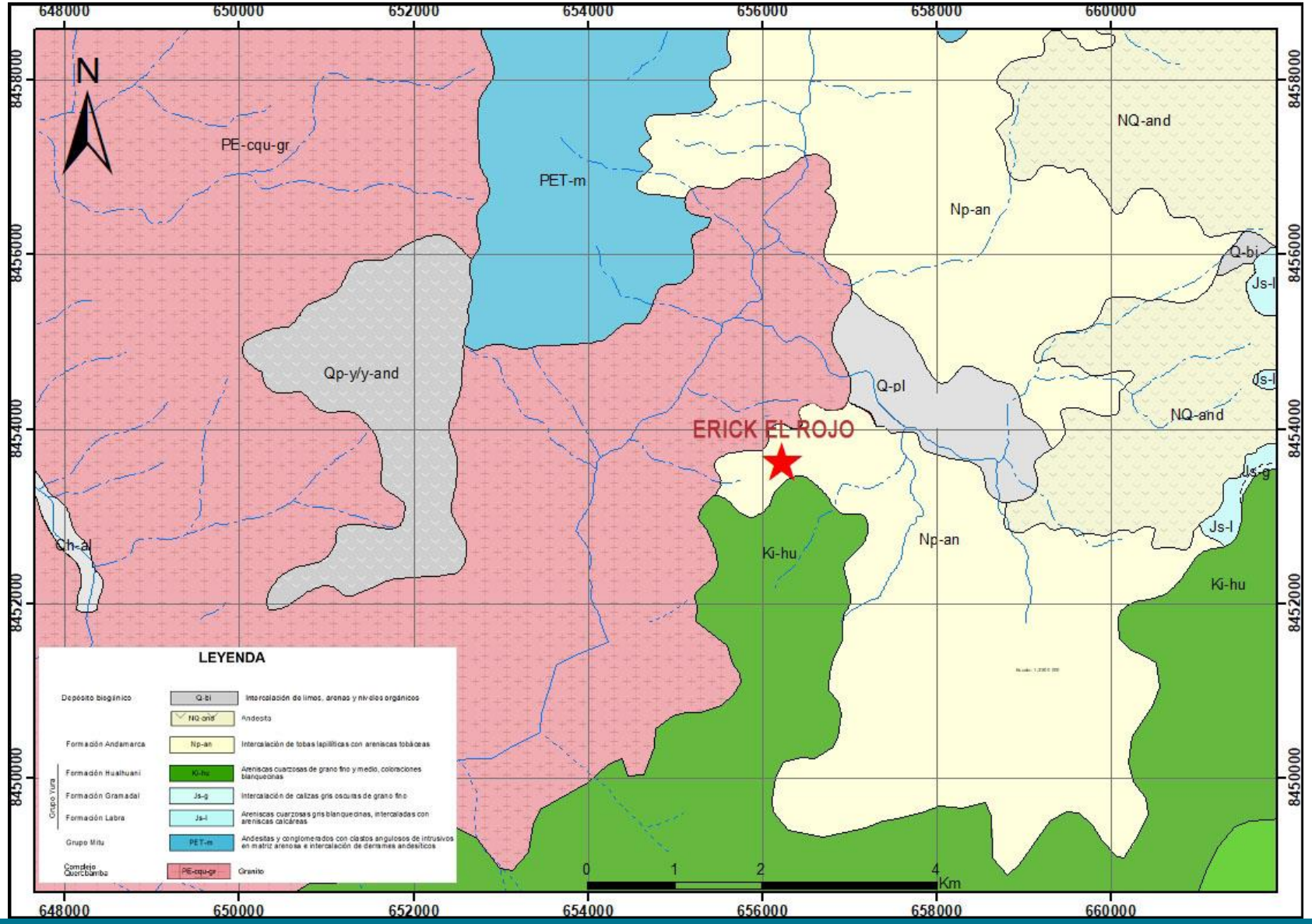
PORPHYRY - SKARN " ANDAHUAYLAS- YAURI BELT"



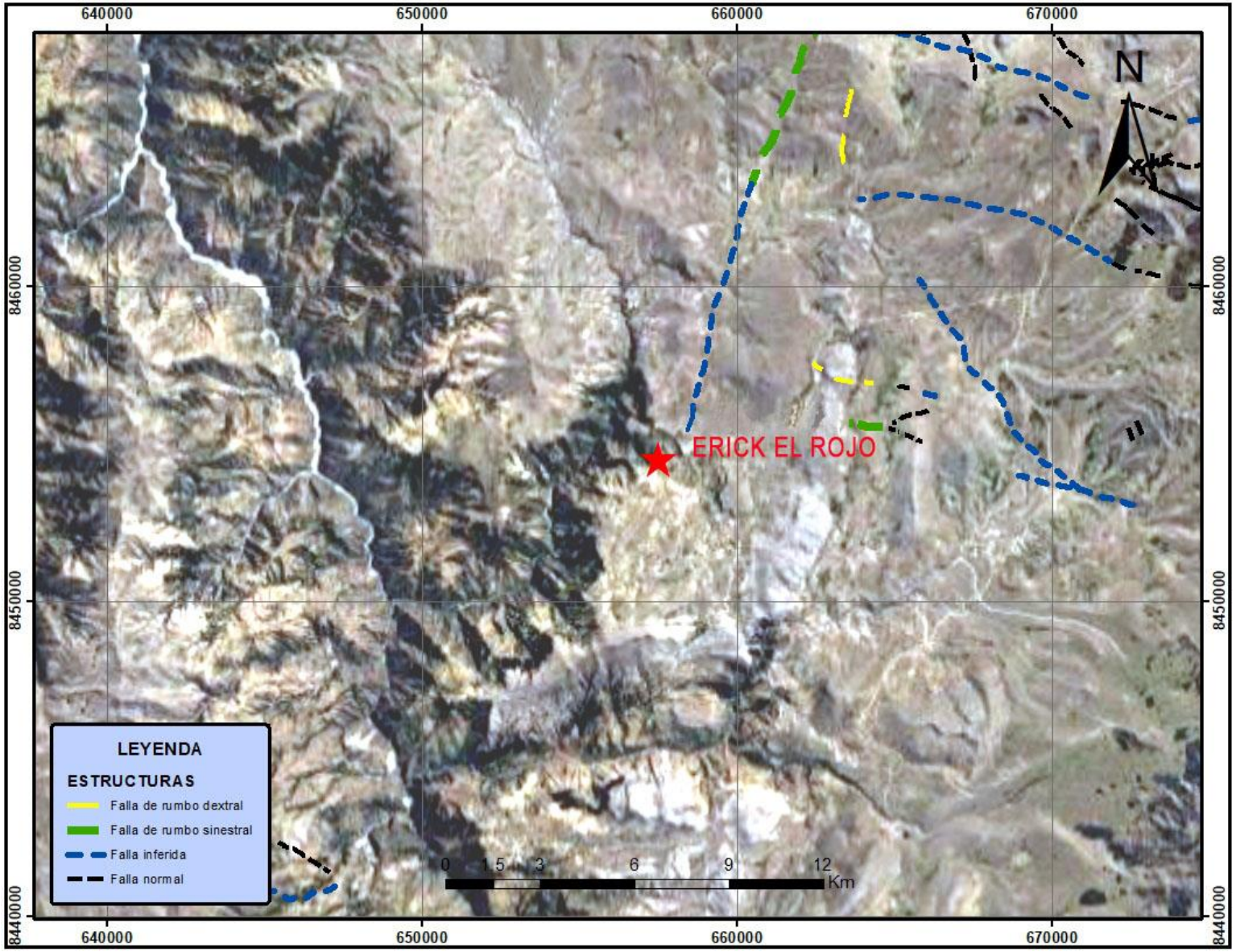
STREAM SEDIMENTS



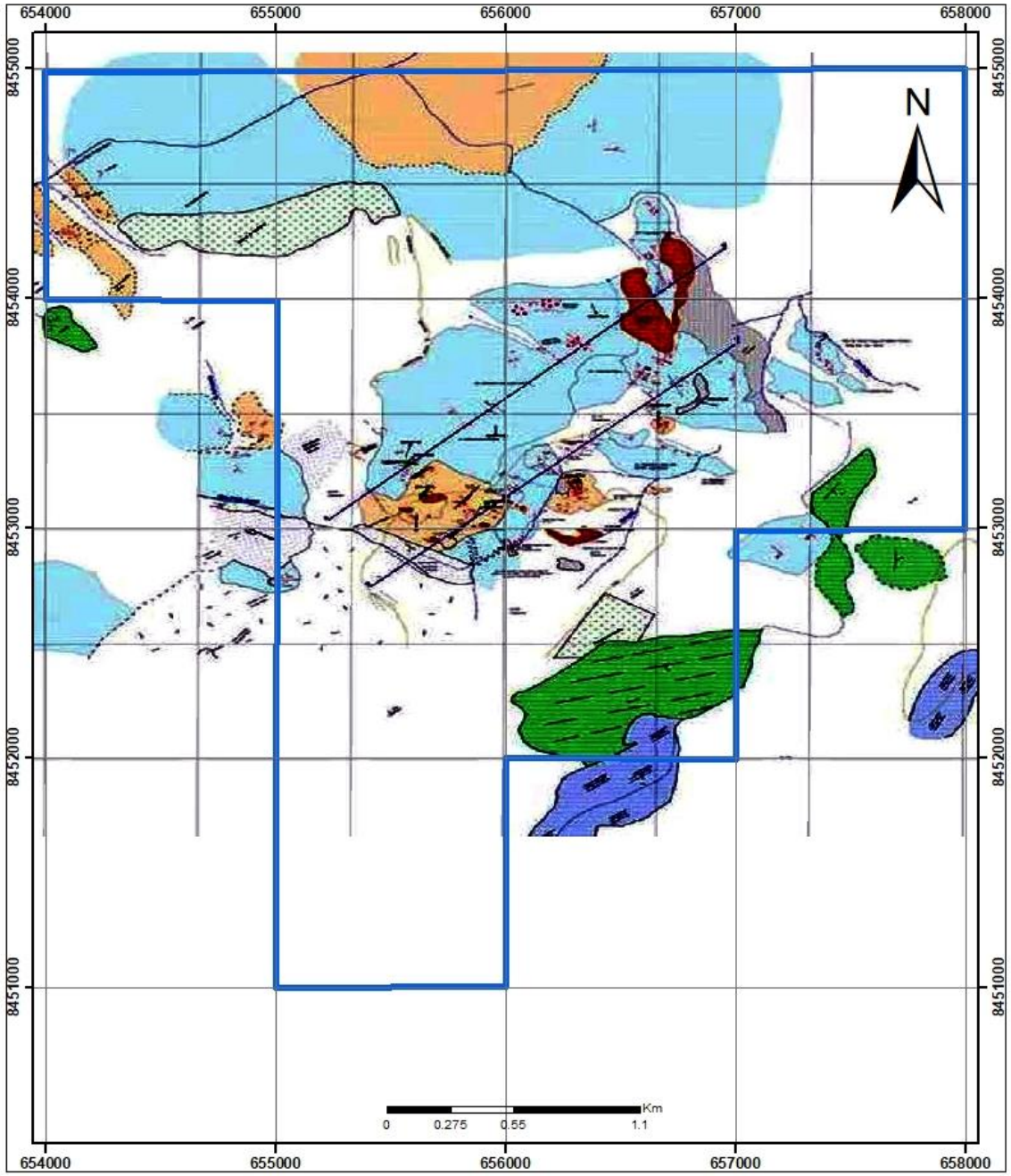
DISTRICT GEOLOGY



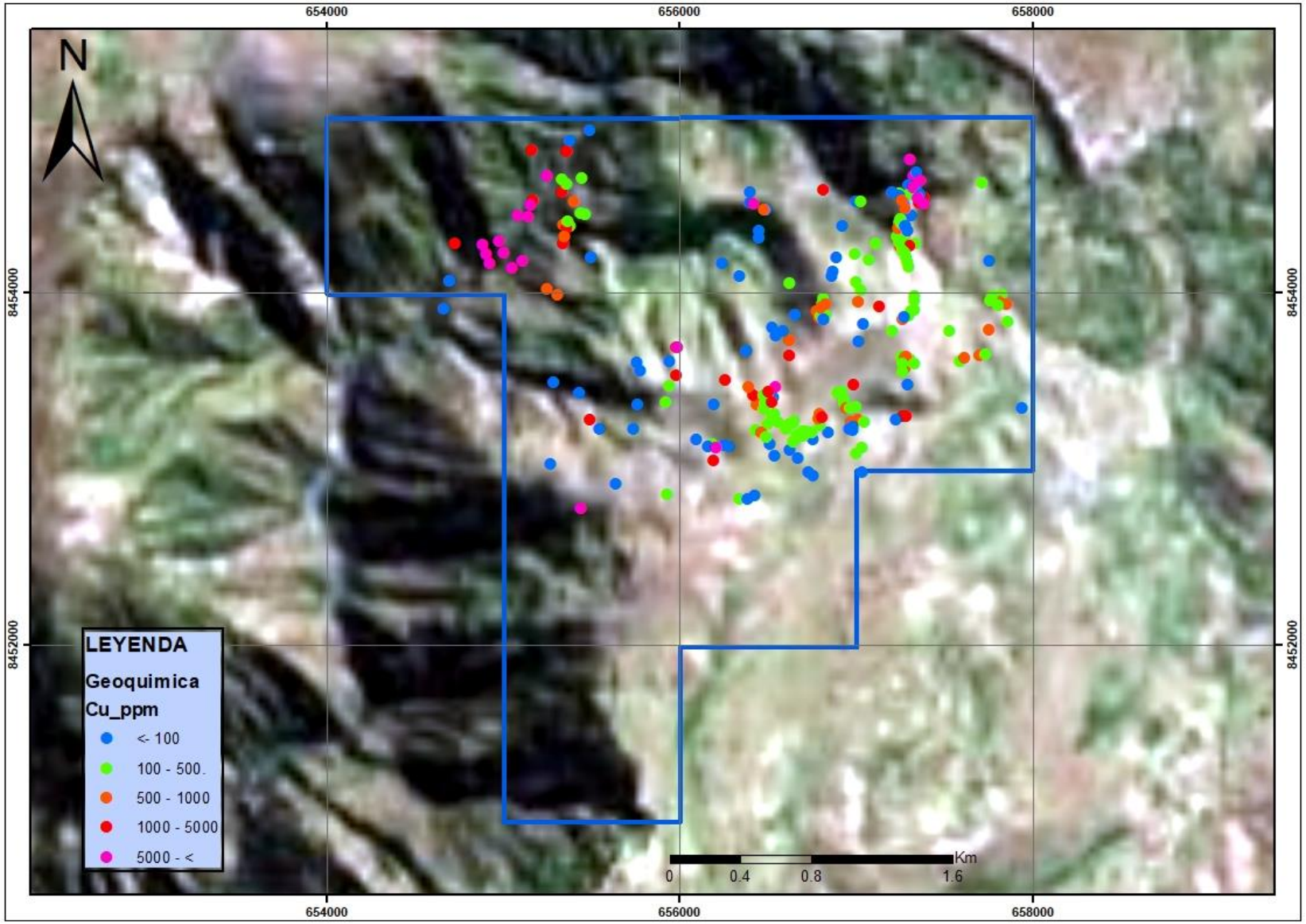
STRUCTURAL GEOLOGY



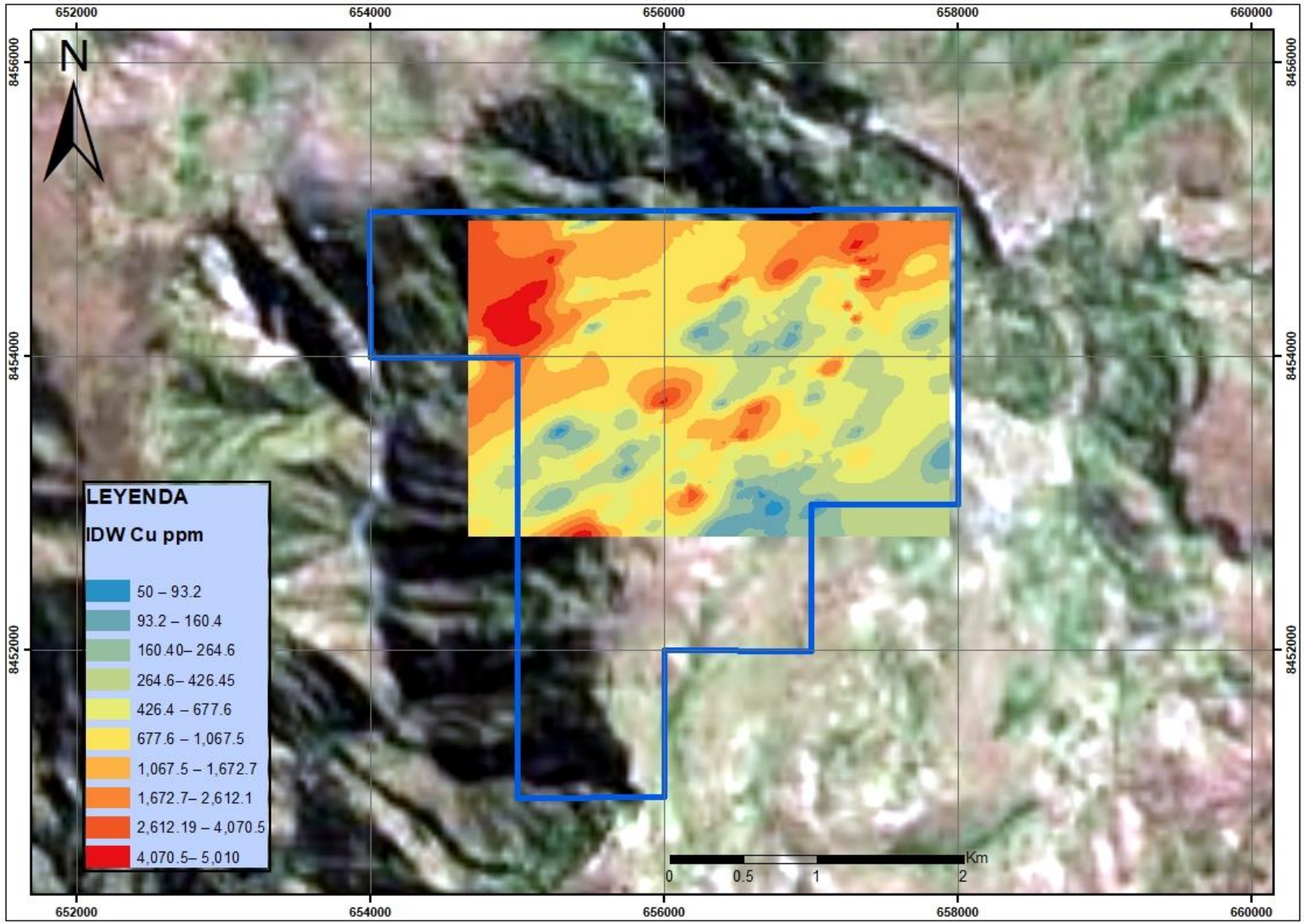
LITHOLOGY


654000
655000
656000
657000
658000
8455000
8454000
8453000
8452000
8451000
N
Km
0
0.275
0.55
1.1

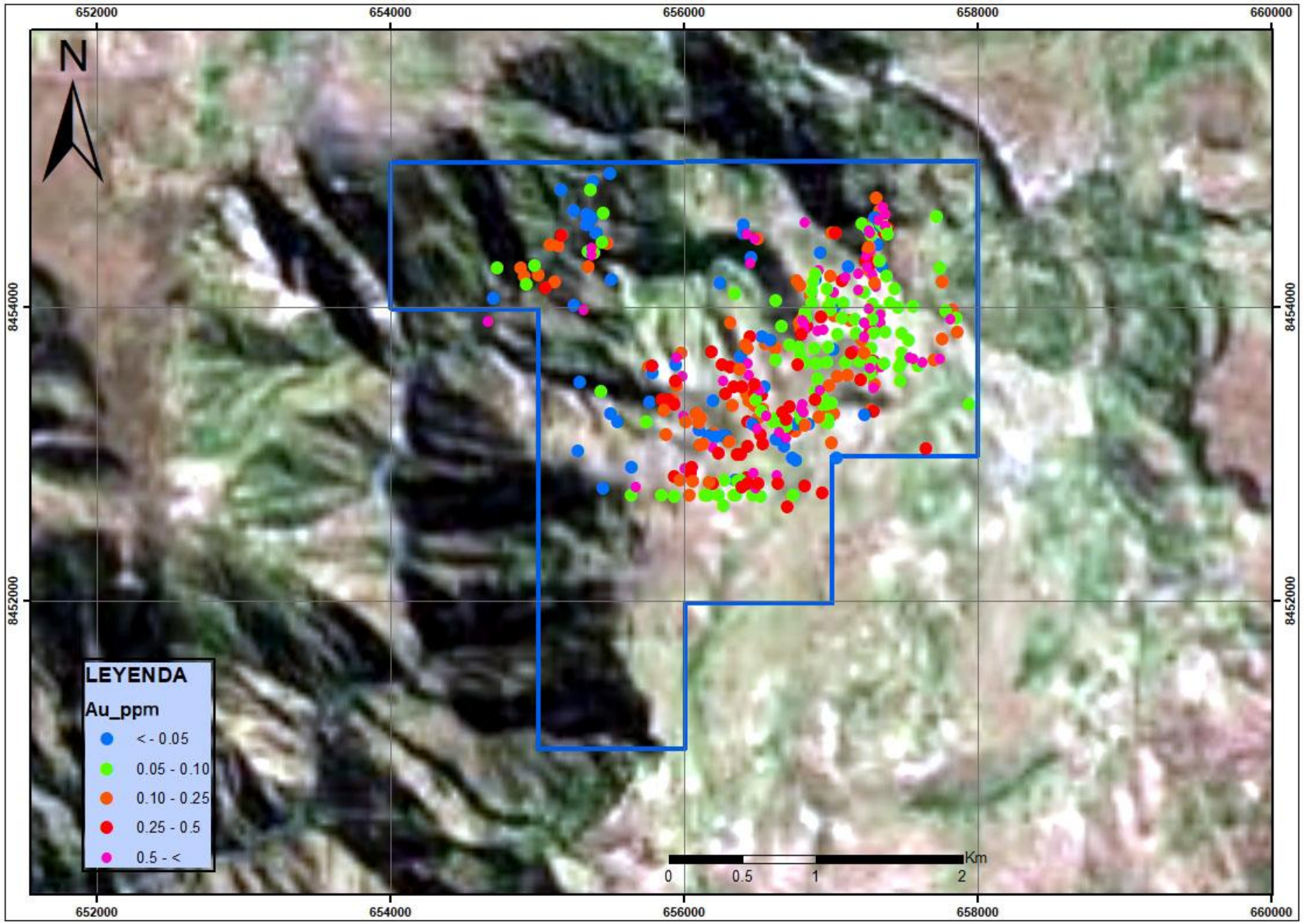
GEOCHEMISTRY – COPPER (Cu ppm)



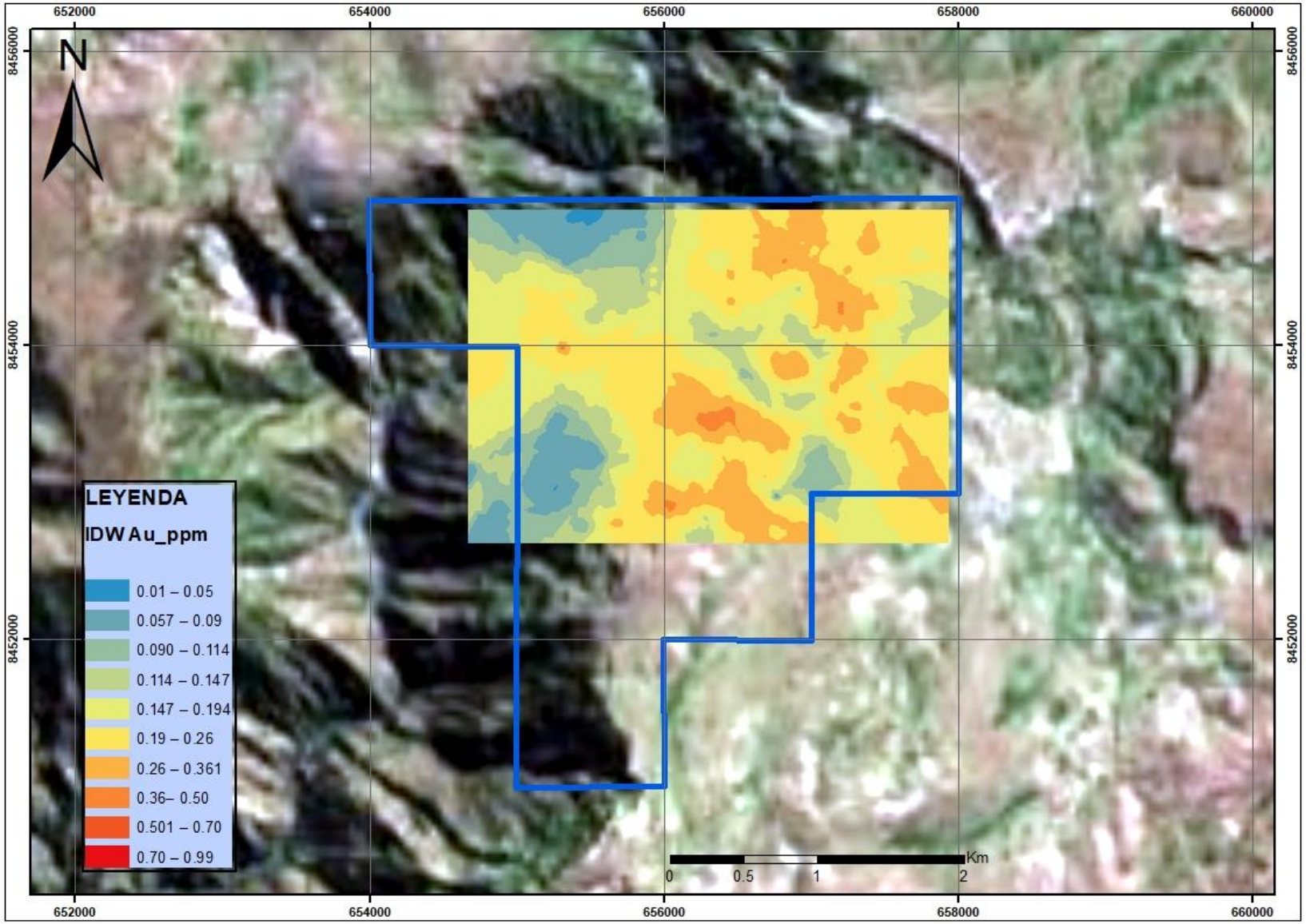
ISOVALUES - COPPER (Cu ppm)



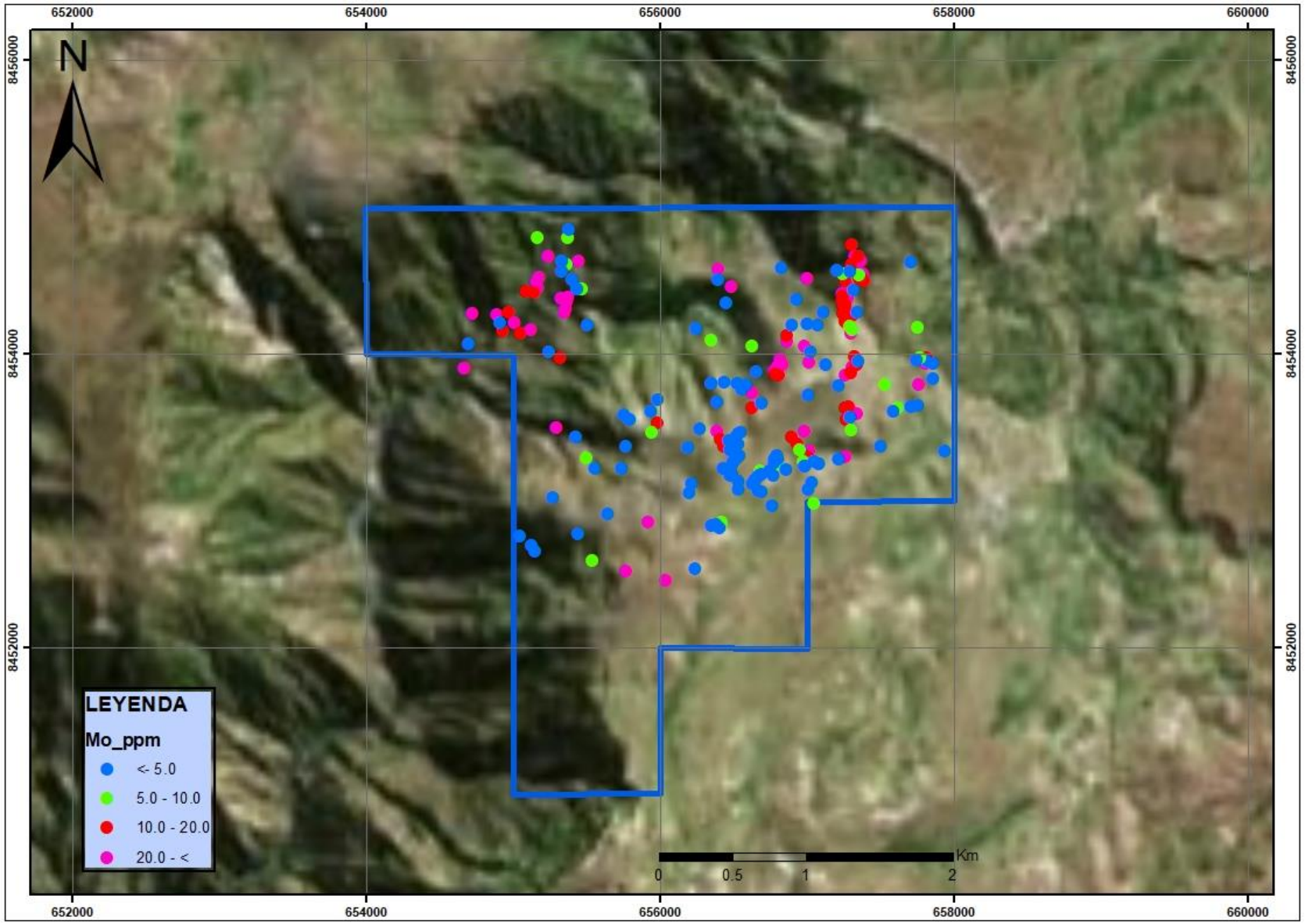
GEOCHEMISTRY – GOLD (Au ppm)



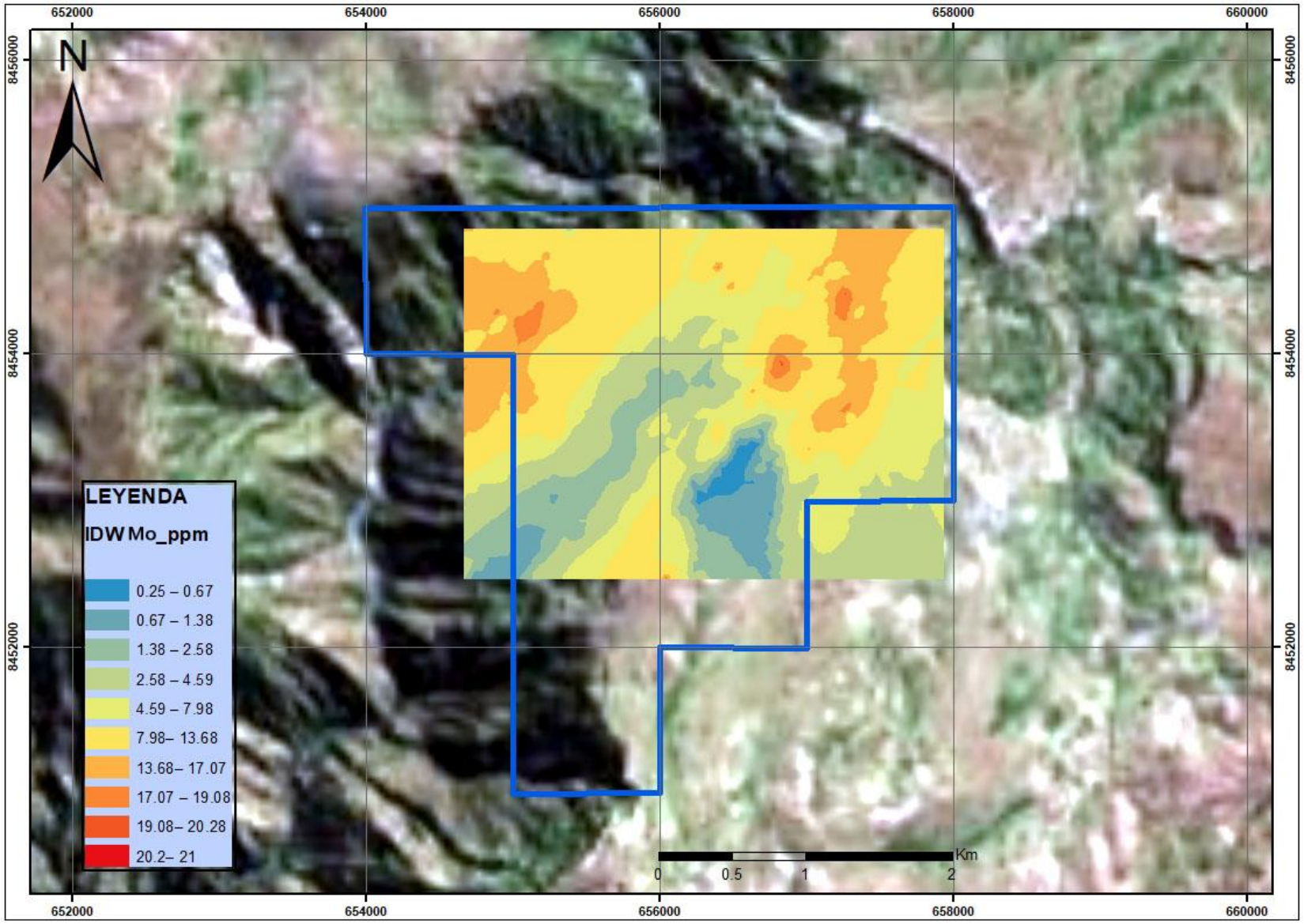
ISOVALUES – GOLD (Au ppm)



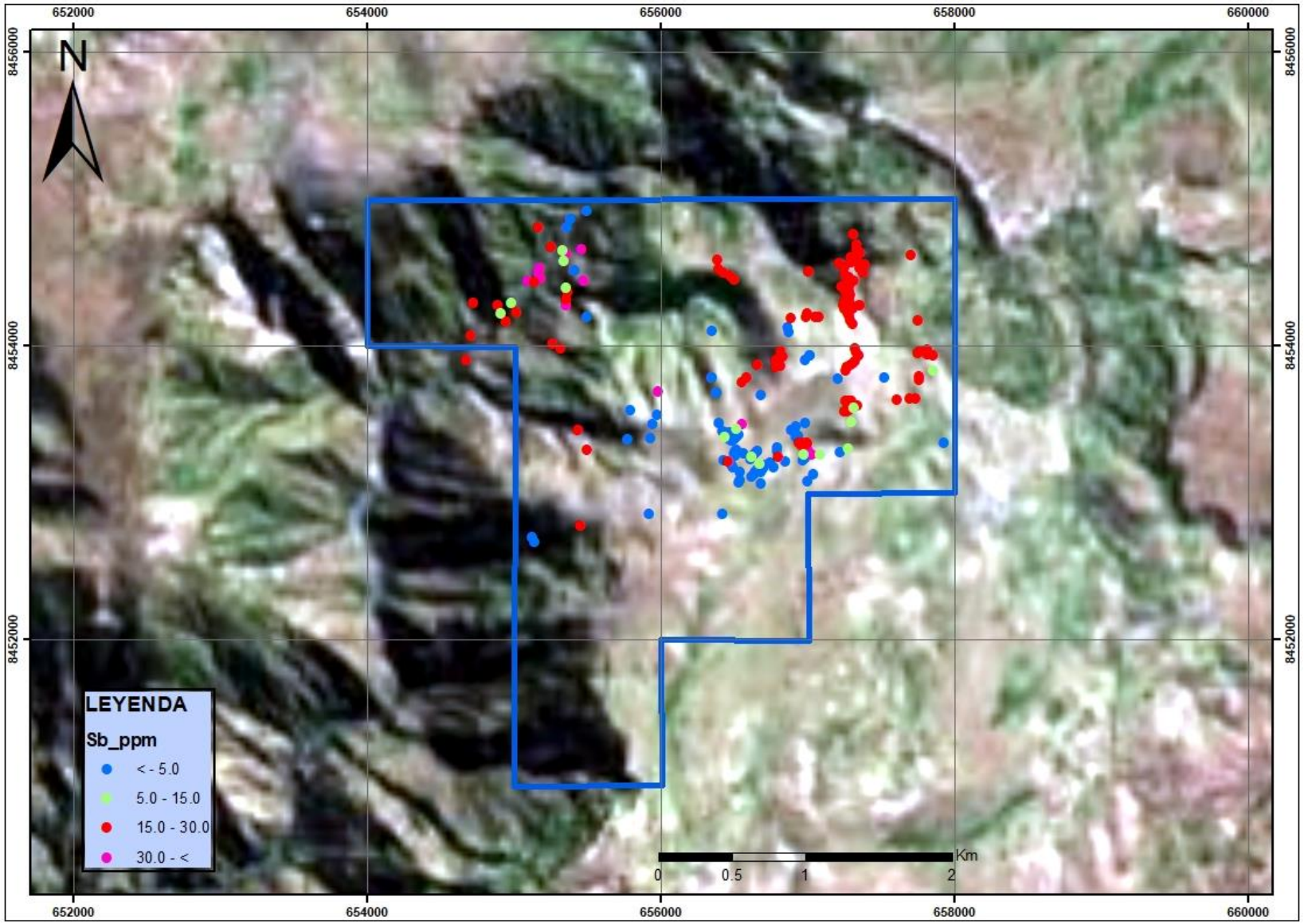
GEOCHEMISTRY – MOLYBDENUM (Mo ppm)



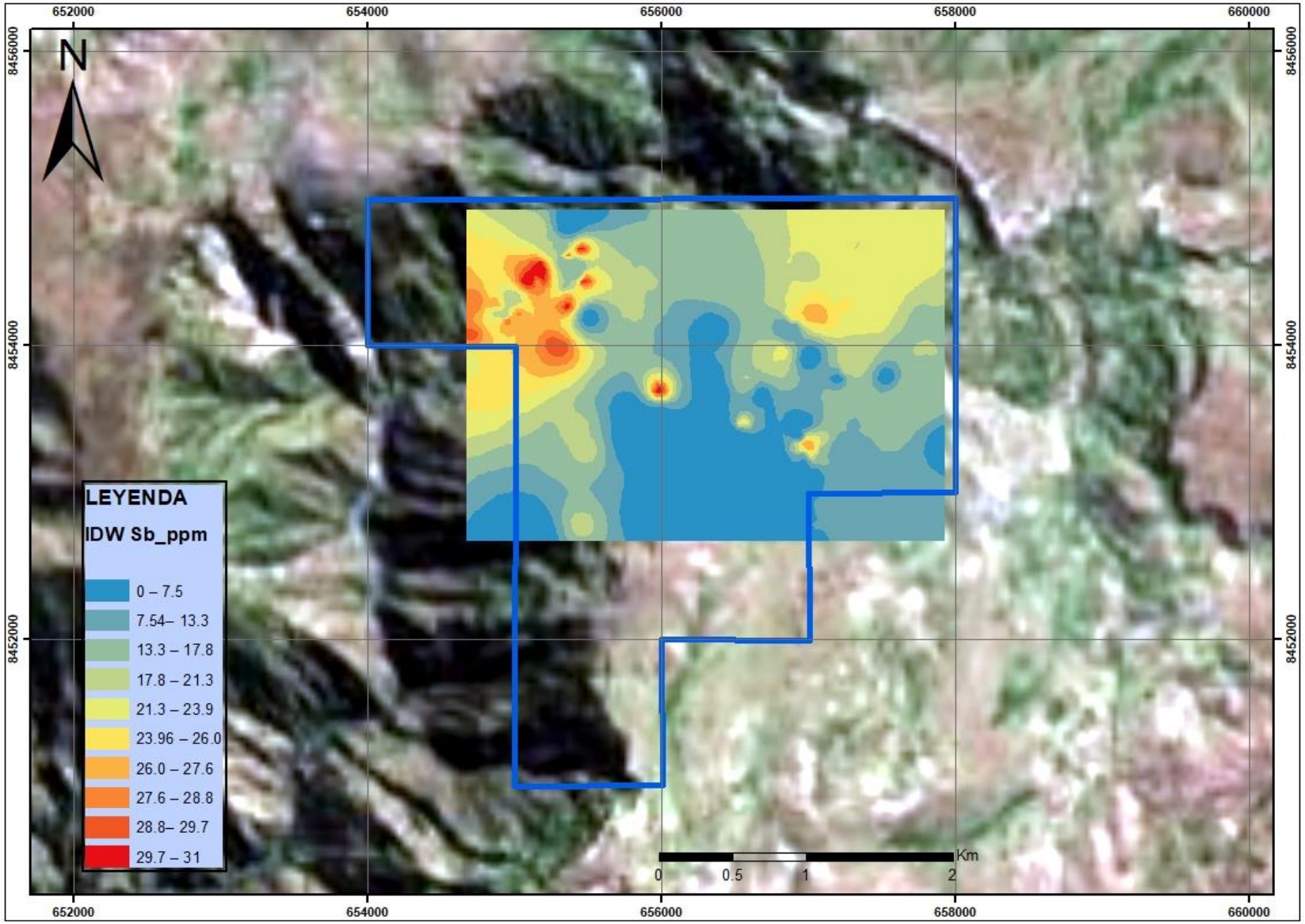
ISOVALUES – MOLYBDENUM (Mo ppm)



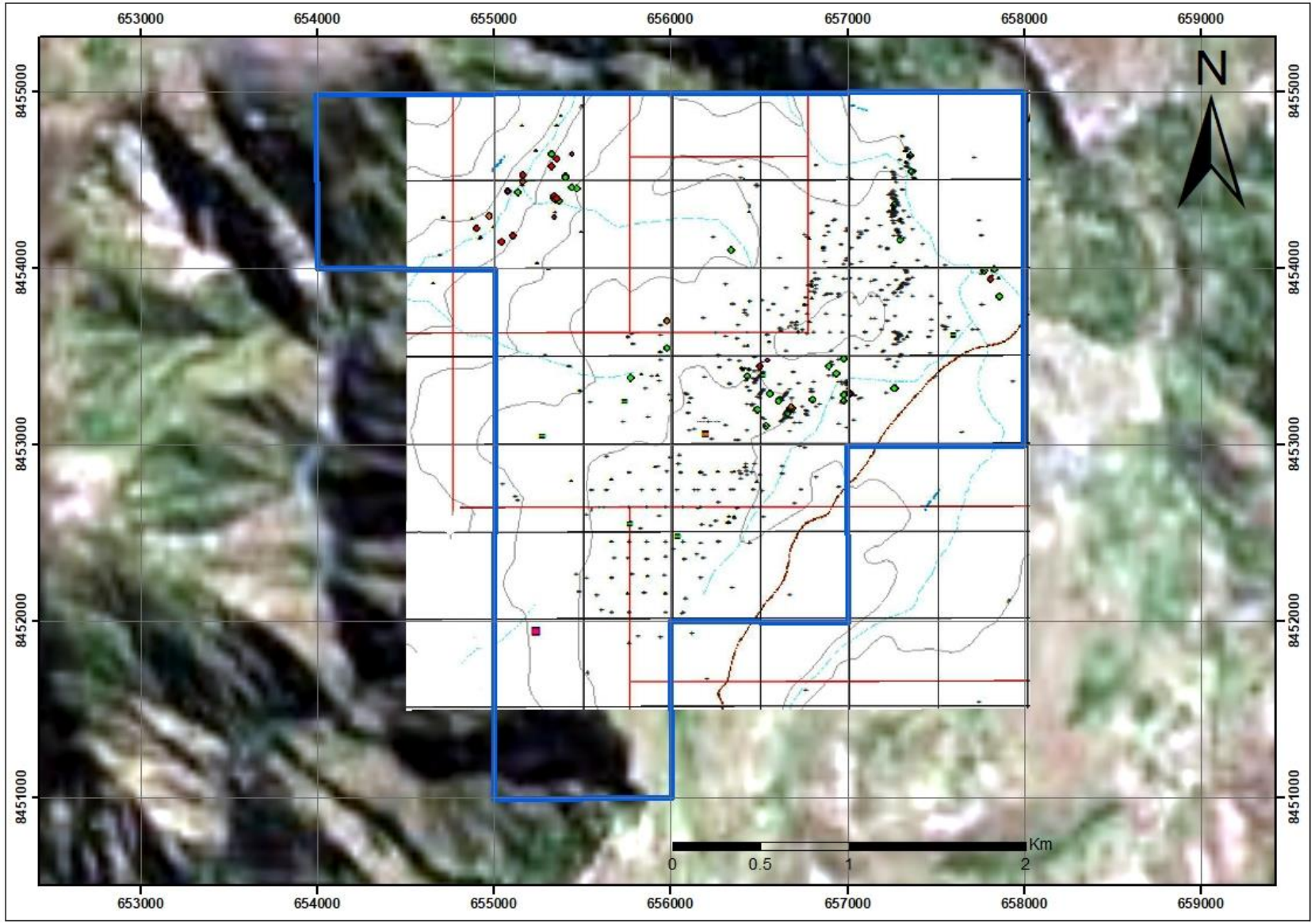
GEOCHEMISTRY –ANTINOMY (Sb ppm)



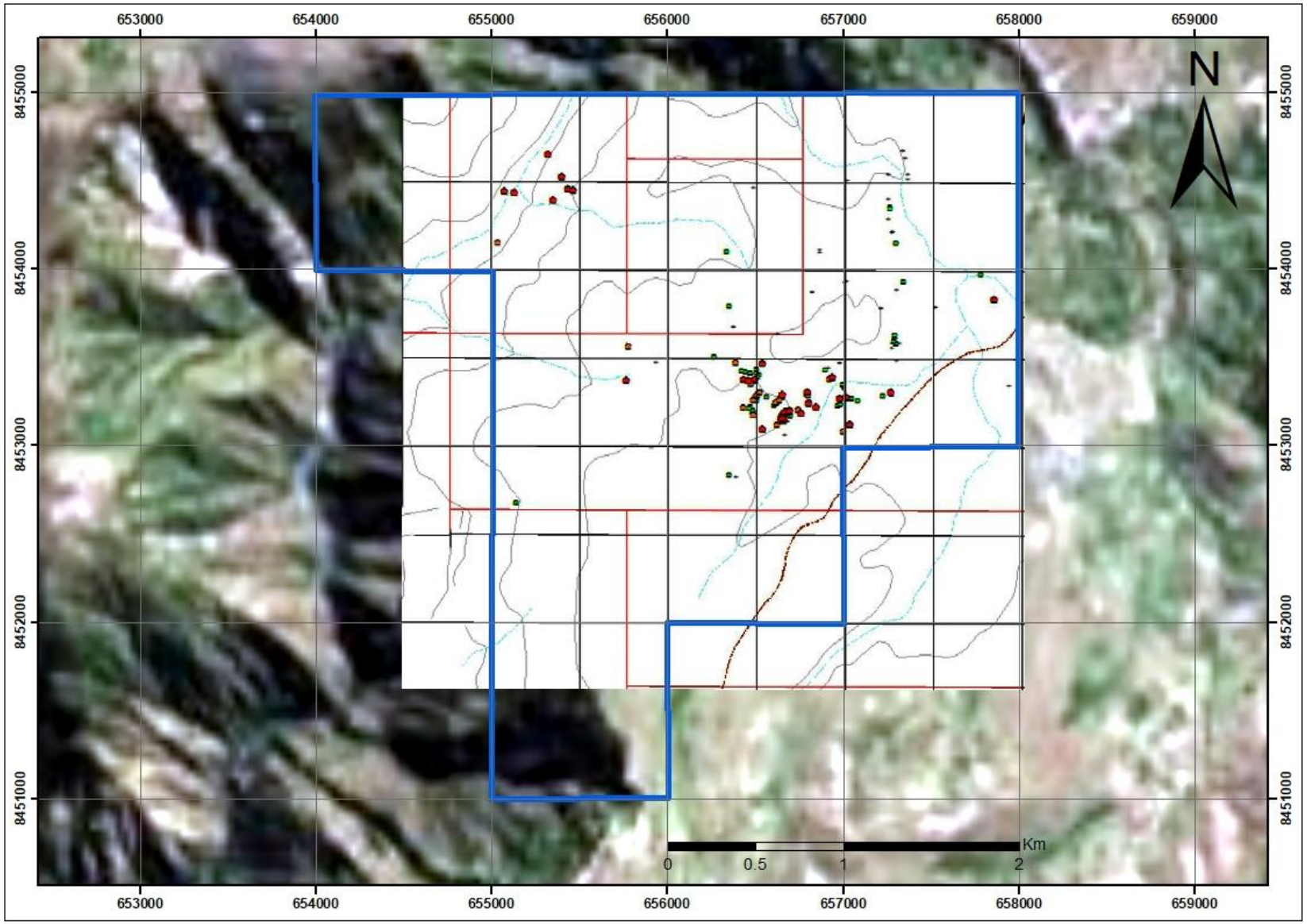
ISOVALUES – ANTINOMY (Sb ppm)



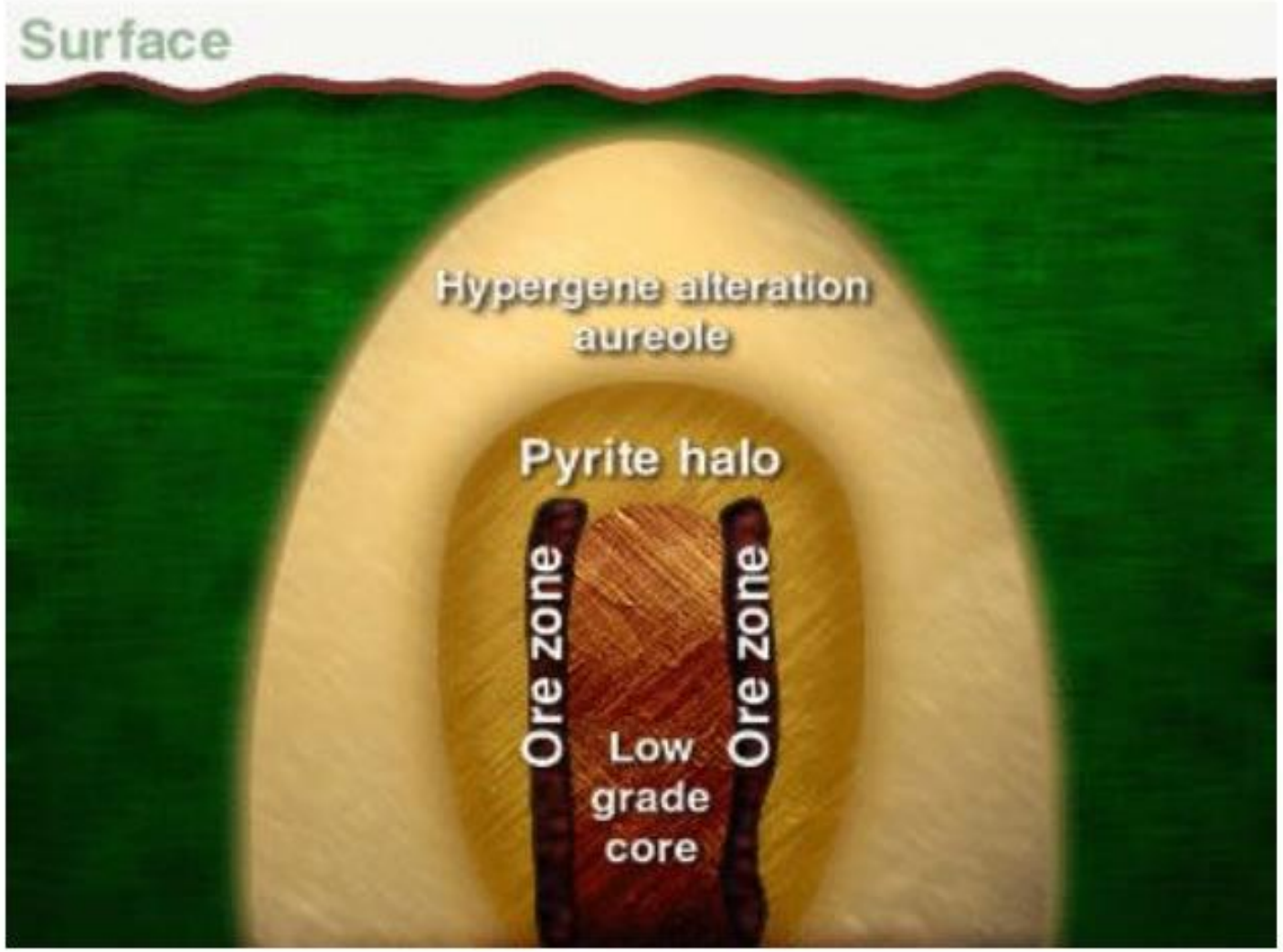
GEOCHEMISTRY –ZINC (Zn ppm)



GEOCHEMISTRY – LEAD (Pb ppm)

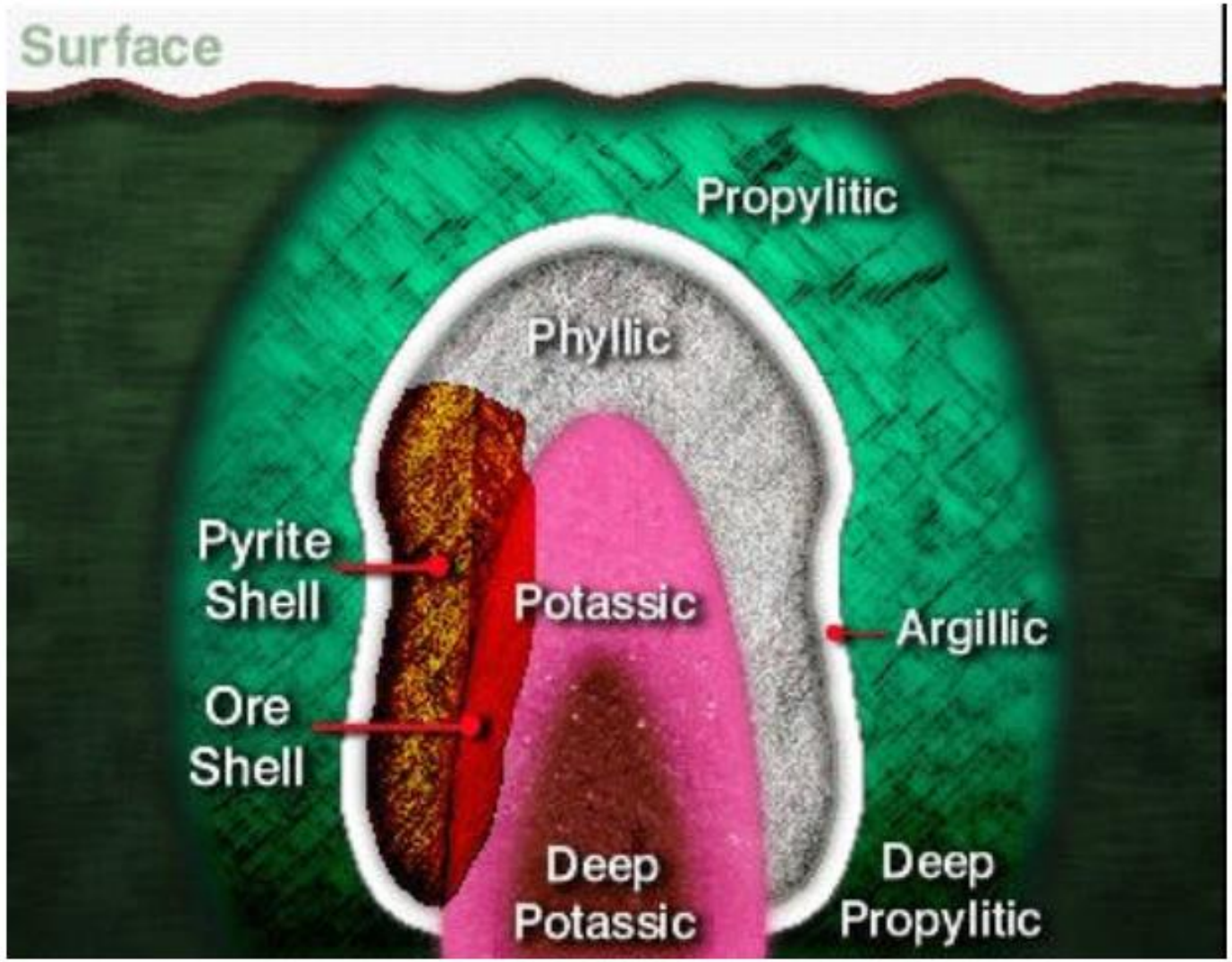


THEORETICAL MODEL



1 km

THEORETICAL MODEL



1 km

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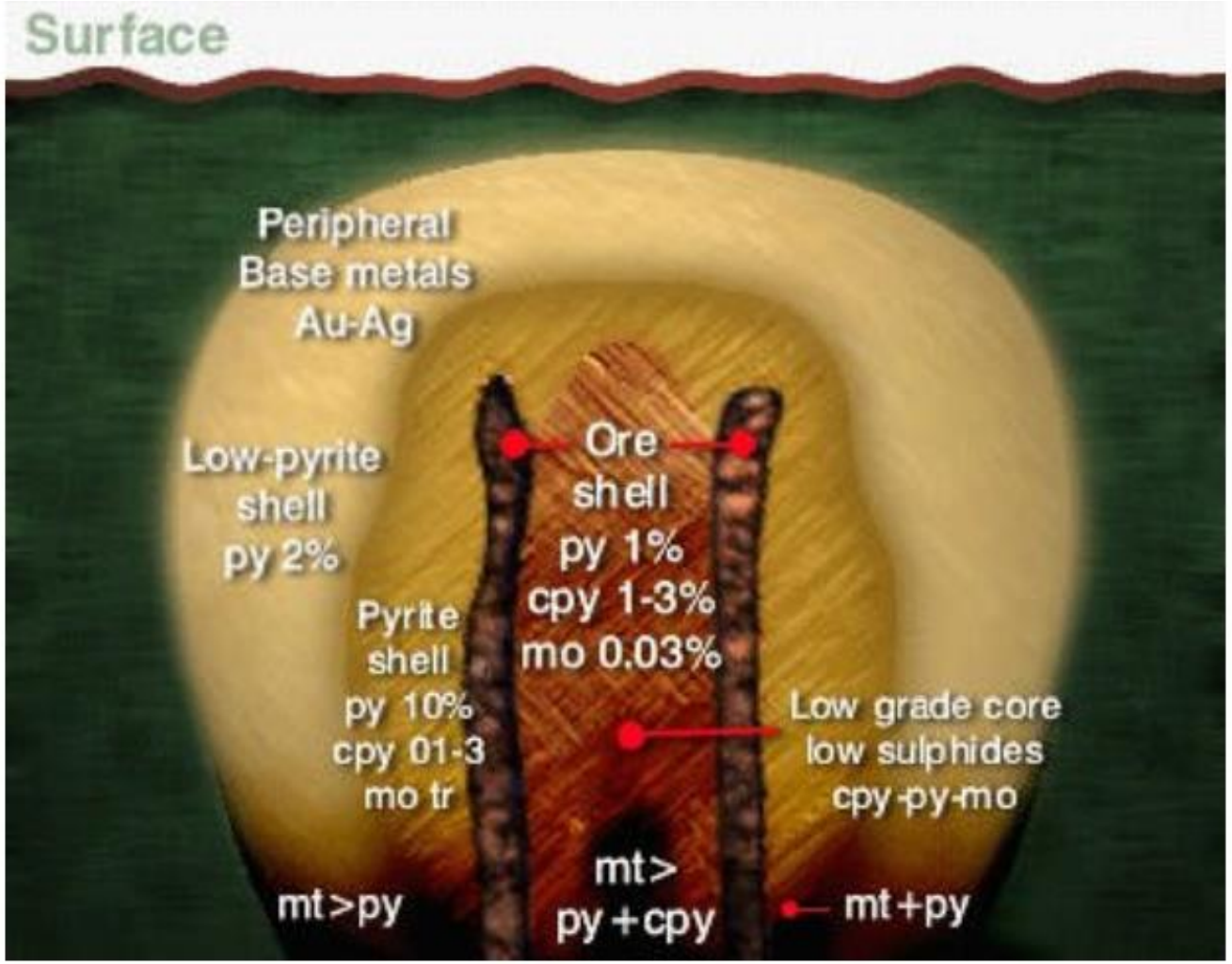

1 km

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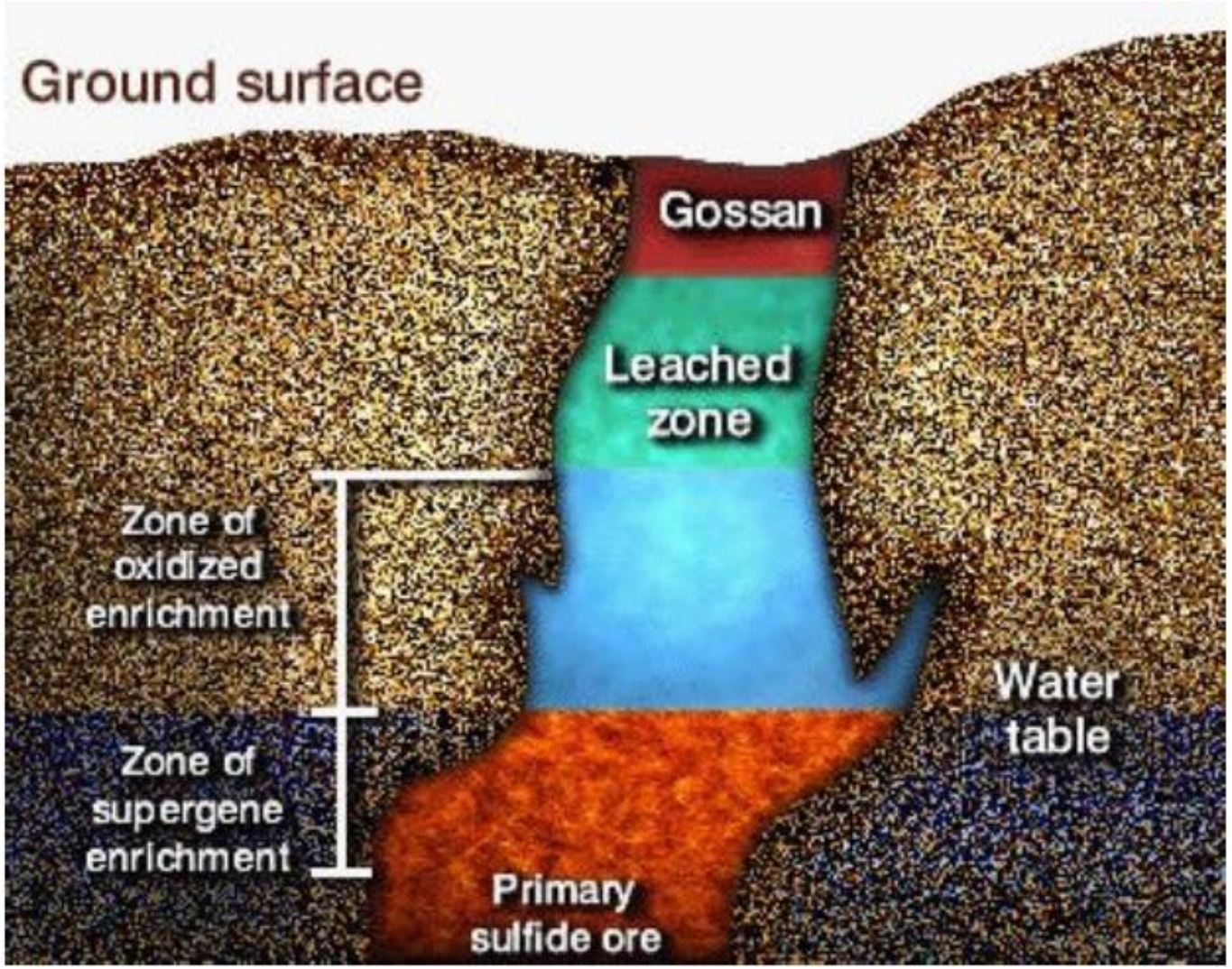

CONCLUSIONS

QUÁNTICA MINEFINDERS

- Metallogenetically speaking, the Erick El Rojo Project is located in the XV Metallogenic Belt of Deposits of the Cu-Mo (Au, Zn) Porphyry-Skarn and Cu-Au-Fe Deposits related to Eocene-Oligocene intrusives. Some Mining Projects of this Metallogenic Belt are: Las Bambas, Tintaya , Los Chancas, Trapiche, Antilla, Cotabambas, Haquira, Constancia, Antapaccay, to name some of the main examples.

- The Erick El Rojo project area is dominated by intrusive rocks of Granite composition from the Complex Querobamba.

- The Geochemical results of the Erick El Rojo Project define an important anomaly with interesting and expectant values of Copper (Cu), Gold (Au) and Molybdenum (Mo).

CONCLUSIONS

- The Main Mineralized Zone is a host Dacite strongly fractured and brecciated, and area measuring 1.5 km x 2.5 km, oriented to the NE along the dominant trend of the larger quartz-sulfide veinlets.

- Due to the characteristics described, hydrothermal alteration style and mineralization, the Erick El Rojo Project is defined as a "Copper (Cu) and Gold (Au)" Porphyry Type Deposit.

RECOMMENDATIONS

- Detailed Geological Mapping (Scale: 1 / 2,000).
- Induced Polarization (IP) : 30 Linear Kilometers.
- Diamond drilling: 4,000 meters.

PICTURES

Panoramic View Looking North - Mojanza Zone.

Altered zone with spotty occurrences of sulfides of Copper and Iron oxides.

POTENTIAL COMPANIES INTERESTED IN PERU

QUÁNTICA MINEFINDERS

1.- BHP

2.- RIO TINTO

3.- ANGLO AMERICAN

4.- SOUTHERN COPPER

5.- LOWELL COPPER

6.- FORTESCUE METALS

7.- ANTOFAGASTA MINERALS

8.- CHINALCO

9.- GOLD FIELDS

10.- SUMITOMO

11.- PEÑOLES

12.- MINSUR

13.- VALE DO RIO DOCE

QUÁNTICA
MINEFINDERS

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