



## **Satellite Analysis of Mining Potential for Strategic Decision-Making Before Fieldwork**

### **1. What is this service?**

This service consists of a comprehensive technical desk-based analysis aimed at identifying, prioritizing, and ranking areas with the highest geological probability of containing mineralization, prior to any field deployment or on-site activity.

**Mapa de Tesoros** provides geospatial intelligence applied to decision-making, allowing clients to evaluate opportunities with technical criteria, reducing uncertainty and optimizing investment from the earliest stages of the project.

This service is conducted exclusively off-site.

### **2. What problem does it solve?**

Many mining projects fail not due to the absence of mineralization, but because of poor initial decisions made without sufficient technical information.

This service allows you to:

- Avoid blind exploration
- Reduce unnecessary expenses in technically unsupported areas
- Prioritize zones with higher geological coherence
- Minimize economic, environmental, and social risks
- Make informed decisions before mobilizing resources

Exploring with information is always more profitable than exploring by intuition.

### **3. How do we work? (Technical approach)**

The analysis is carried out through the integration of multiple geospatial and technical data sources, tailored to the geological context of the study area:

- Optical–spectral satellite analysis to identify mineral signatures and alteration zones
- SAR radar analysis for structural interpretation, drainage patterns, and geomorphological control
- Reference magnetometric support, when the geological context allows
- Review of official geological and mining cartography

- Analysis of mineral occurrences and historical activity
- Advanced integration within Geographic Information Systems (GIS)

The entire process is focused on detecting consistent patterns, not isolated anomalies.

#### **4. What do we specifically do?**

- Identification of zones with relative geological potential
- Prioritization of key areas
- Interpreted technical analysis (not just visual assessment)
- Integration of multiple geological and geospatial variables
- Generation of inputs for strategic planning

No field activities or physical interventions are performed.

#### **5. What do we deliver?**

The client receives clear, technical products ready for decision-making:

- Ranked mineral potential maps
- Identification of priority zones and areas
- Interpretative technical analysis
- Cartographic inputs for future planning
- Technical foundation for investment, concession, or project evaluation

Deliverables are provided in professional formats compatible with technical workflows.

#### **6. What does the client gain?**

This service is designed to generate real value:

- Improve the probability of project success
- Reduce unnecessary time and costs
- Decrease economic, environmental, and social risks
- Make decisions with technical and strategic support
- Invest based on criteria, not assumptions

## **7. Who is this service for?**

- Mining concession holders
- Exploration investors
- Small and medium-scale operators
- Companies seeking to evaluate projects before fieldwork
- National and international projects

Especially recommended for those who understand that the best mining decisions are made before stepping into the field.

## **8. Scope and limitations of the service**

- 100% desk-based service
- Does not include field access
- Does not include sampling, excavation, or ground intervention
- Does not constitute regulated mining activity
- Information is technical, referential, and indicative

## **9. Important**

This service can be expanded, upon client request, with subsequent phases of technical validation or strategic advisory, always under specific and differentiated conditions.