FOR EXPLORATION MANAGERS AT NEW LICENCE HOLDERS

Screen: where to look first inside your licence

A screening report that ranks field targets inside your licence from satellite and terrain data, with the reasons for every target. Delivered in five working days, reviewed by a geologist, in English or Turkish.

What you send

- Licence corner coordinates (ED50 or TUREF, 3° TM or 6° UTM) or a polygon file
- Target commodity and the deposit type you expect, if known
- Optional: existing maps, sample results or drill collars

What you receive

- Ranked targets with coordinates, score, confidence and the three main reasons
- Score map and mineral-index layers (GeoTIFF, KML, PNG)
- Report with method appendix, scene IDs and data-quality map
- Suggested field route and sampling protocol per target

Deposit models available

MODEL	MAIN EVIDENCE	TYPICAL COMMODITIES
Carbonatite / alkaline REE	Iron oxides, relief and slope, carbonate and clay indices; hyperspectral where available	REE, fluorite, barite, thorium
Epithermal gold	Argillic alteration (Al-OH), silica, iron oxides, structure	Au, Ag
Porphyry copper	Phyllic and propylitic alteration zoning, iron oxides, intrusive relief	Cu, Mo, Au

Timeline

01
Day 0
Free coverage check and quote.

02
Day 1–2
Processing: scene selection, indices, terrain, scoring.

03
Day 3–5
Geologist review, report, handover call.

How to read a target

#	COORDINATES	SCORE	CONFIDENCE	REASONS
1	39.65423, 31.37026	1.65	medium	local relief, slope, ferrous iron
2	39.62904, 31.41533	1.32	medium	local relief, slope, low vegetation
3	39.65885, 31.41674	1.30	low	local relief, ferrous iron, slope

Excerpt from a live run on a test licence near Kızılçaören, Sentinel-2 scene S2C_MSIL2A_20250925T084731, 99.8% usable pixels. Scores are robust z-scores within the licence; higher means more unusual for the chosen model.

Limits we state up front

- Targets are places to check in the field, not resources or reserves.
- Sentinel-2 cannot separate clays from carbonates; hyperspectral data is used where it exists.
- Dense vegetation and snow reduce usable area; affected zones are marked.
- Our ML rare-earth map is experimental until it passes blind tests; Screen uses expert-weighted models.

Price

€10,000 – 40,000 per licence

Depends on area and data availability. Field verification of top targets is quoted separately or included in the pilot programme.

Indicative, excluding VAT.

Start with a free coverage check

Send your licence corners; we reply within one working day.

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Contains modified Copernicus Sentinel data and Copernicus DEM. EMIT: NASA; EnMAP: DLR; ASTER: NASA / METI.