

# FROM ARCHIVE TO PROSPECT

## The Ekometall Historical Literature Scraping Programme

### PHASE 1: THE 7-GATE DATA PROCESSING PIPELINE



**3,378**  
Historical Documents

1

Integrity Check

2

OCR & Digitization



**30,207**  
Classified Technical Images

3

Translation

4

Entity Extraction

5

Geocoding



**4,566**  
Extracted Exploration Hotspots

6

Contextualization

7

Structured Indexing

### PHASE 2: OPERATIONAL QAQC & PROSPECT VALIDATION



Validates modern prospects by checking if they are supported, contradicted, or unaddressed by history.

#### DELIVERABLES



AI LEARNING



CHAT BOT INTERFACE



COMPLEX QUERY ON YOUR DATABASE



AI-ENHANCED GIS DATABASE

## RESULTS

**10,891**

**Georeferenced Points of Interest**

*A 7x expansion from the ~1,500 sites previously catalogued for the same area within Austria's public database.*

**TOTAL**

**Traceability to Source.**

*Every georeferenced hotspot is linked back to its specific original archive page.*

**7**

**EU CRMA Critical Minerals Represented.**

*Defensible exploration leads supported entirely by historical evidence.*



EKOMETALL