# Mineral resources mapping of orthomagmatic deposits in Europe:

# Terminology (basic information)

**Occurrence ID** – unique identifier of each mineral occurrence in the database

**Occurrence name –** name or names under which the occurrence or deposit is known/registered in other databases or literature

**Country[[1]](#footnote-1)** – name of the country, where the occurrence is placed

**Occurrence type** – based on INSPIRE Mineral Occurrence Type[[2]](#footnote-2) with corresponding definitions of occurrence, prospect and mineral deposit in relation to the level of knowledge and economic potential

**Mineralization type** – usual association of valuable elements (metals) in this type of mineralization (mentioned elements are not necessarilly present in this occurrence)

**Importance** – Importance of the deposit based on INSPIRE Importance Value (European Commission, 2024). Express the classification of deposit size of the deposit according to the commodity quantity. Class boundaries are based on a statistical study of a large set of deposits throughout the world and defines what is a very large, a large, a medium-sized etc. deposit for this commodity.

**Classification method** – classification method applied in the most recent resource estimate

* CRIRSCO-compliant – resource estimate applies classification in line with CRIRSCO - family reporting standard. The current holder is the one who has issued or confirmed the estimate, thus it is considered CRIRSCO-compliant.
* Historic CRIRSCO – resources have been classified according to the CRIRSCO-family standard, however, the company has left the tenement or there has been an ownership change without amending the resource estimate. Such estimates are usually referred as historic or foreign and are not considered CRIRSCO-compliant *sensu stricto*.
* Non-compliant/historic – the resource estimate is not in line with any CRIRSCO-family reporting standard and related classification. The classification might be in line with some national standard, or it is a historic/not standardized classification
* No resource estimate – the resource estimate does not exist (is not known).

**Estimation date** – date of the issue of the estimate. In the case of CRIRSCO-compliant estimates, the Effective date is provided. In the case that only year is known, the date 31.12. + year is used.

**Total ore (t)** – total tonnage of all resource and reserves categories, based on the most recent available estimate (the last estimate for which the tonnages and grades has been available, based on the literature).

**Best UNFC class** - the UNFC class that best represents the Project development status and overall confidence in the resource estimate. For CRIRSCO-compliant resource estimates, the UNFC class is not displayed.

**Best UNFC amount** – Proportion of commodity quantities, that corresponds to the Best UNFC class.

**Additional UNFC class + Additional quantities** - The project itself may contain additional commodity quantities with different UNFC classes.

**INSPIRE Mine Status** – status of the mine development based on INSPIRE Mine Status[[3]](#footnote-3) with corresponding definitions of operating, under development, not operating

If you have further questions or comments, please use the SEMACRET Contact form, or contact directly to: blazena.wertichova@geology.cz

***Disclaimer:***

*Information provided in the Map viewer and respective Mineral deposit passports are based on the literature review at the time of data collection. The purpose of the Map viewer is to illustrate general mineral potential of selected deposit type in the EU and associated countries. It is not aimed to be neither an inventory nor any kind of qualified assessment, advice or official statement. Authors are not responsible for the use which might be made of this application. It is recommended to verify an up to date information of respective objects from reliable sources.*

# Recommended literature and links:

European Commission (2024) D2.8.III.21 Data Specification on Mineral Resources – Technical Guidelines<https://knowledge-base.inspire.ec.europa.eu/publications/inspire-data-specification-mineral-resources-technical-guidelines_en>

UNECE (2019) United Nations Framework Classification for Resources: Update 2019. ECE ENERGY SERIES No. 61. United Nations, Geneva. Available at: <https://unece.org/fileadmin/DAM/energy/se/pdfs/UNFC/publ/UNFC_ES61_Update_2019.pdf>

UNECE (2022a) UNFC Guidance Europe: Guidance for the Application of the United Nations Framework Classification for Resources (UNFC) for Mineral and Anthropogenic Resources in Europe. Geneva. Available at: <https://unece.org/sed/documents/2022/10/working-documents/guidance-application-united-nations-framework>

1. Designation of Kosovo as a country name is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence. [↑](#footnote-ref-1)
2. <https://inspire.ec.europa.eu/codelist/MineralOccurrenceTypeValue/> [↑](#footnote-ref-2)
3. <https://inspire.ec.europa.eu/codelist/MineStatusValue> [↑](#footnote-ref-3)