

Name 1	RICH CAROL ORE
Name 2	/
ID number	002.29.Idrija
Manager / Administrator	Idrija Mercury Heritage Management Centre, Bazoviška 2, SI-5280 Idrija
Ownership	Public
Owner	Republic of Slovenia
Local / Original ID Number	/
Type of Object	Ore deposit

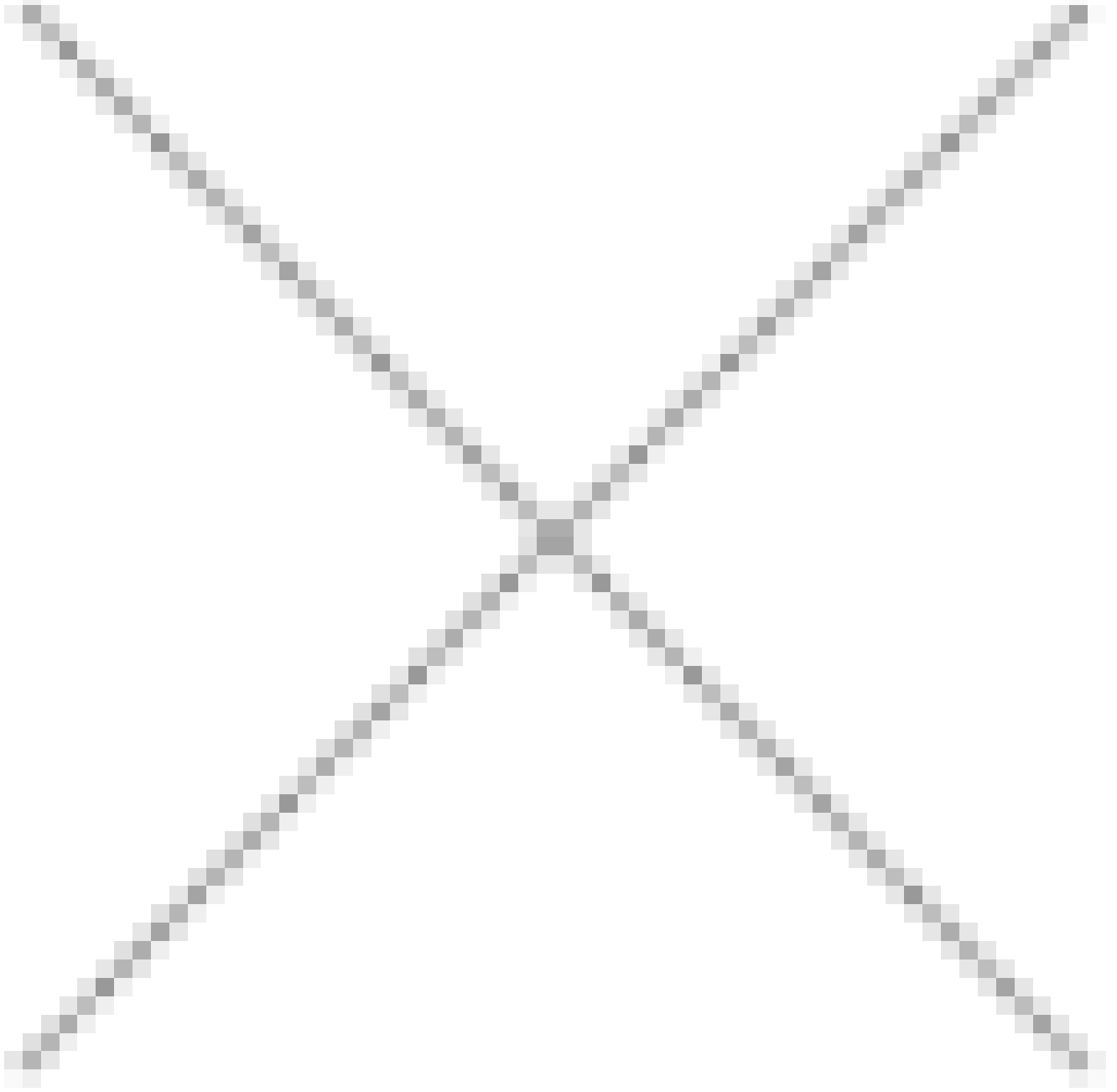
DESCRIPTION

Short description	The rich karoli ore sample is transected, polished and rectangular. The ore is composed of different sized pyrite clasts of different origin and fragments of cinnabar steel ore. Pyrite clasts are approximately 0.5 cm big. Some are at least partially rounded, the steel ore fragments are not rounded. The sandy - muddy base is mostly replaced with cinnabar and has characteristic dark red colour.
Measures	/
Materials	Pyrite, cinnabar
Dating	Mid-Triassic, Ladinian – Longobardian.

Author / Producer /

Picture attachments

Image not readable or empty
/home/mcxsd05/domains/heritage-mercury.net/public_html/base/components/com_rsform/uploads/5a96b21c6d40a B



Original use

The karoli ore was found and excavated only within the Karoli ore body (OB). It was located between the VI and X levels. Structurally, the Karoli OB was located in the deepest part of the Idrija Mid-Triassic tectonic rift between the ore-bearing faults Ubranovec – Zovčan and Karoli (Karoli structure). The deepest parts of the structure were filled with fragments of pre-sedimentary pyrite and clasts rich in cinnabar ores, which lay in the sand-muddy base. The described basic ore was enriched with several generations of pyrite in various shapes and cinnabar. The higher parts of the Karoli tectonic unit were also filled with dolomite and conglomerate mud breccias and mud block breccias which were also rich in cinnabar.

Present use

The specimen of rich karoli ore is being preserved, secured and presented as important natural heritage of Idrija ore deposit with exceptional universal values. It represents a unique soil “archive”, as the sample was excavated in Idrija ore deposit and also stored. It is a part of the thematic collection “Epigenetic ore” of the Mine geological collection, displayed in the administrative premises of CUDHg, as a part of the Francis’ shaft. The described specimen is exhibited in a display case. It can also be used for temporary exhibitions and for other types of mercury heritage promotions.

Original location

Idrija ore deposit, Karoli ore body.

Present location

CUDHg (Mining Geological Collection), Bazoviška 2, SI-5280 Idrija

STATE OF CONSERVATION**History of conservation:**

The sample is appropriately preserved. Additional interventions are not necessary. Security of the premises is taken care of.

Present state good

Necessary activities: Regular seasonal maintenance.

DOCUMENTATION

Addresses / collections / links etc. where further in-depth information is accessible:

- CUDHg Inventory Book;
- Čar, Jože. Rudniška geološka zbirka: Seznam in opis vzorcev. Mercury Mine Idrija, 2003, p. 1-122, [material is kept in the CUDHg archive];
- Čar, Jože. Razvoj srednjetrojaskih sedimentov v idrijskem rudišču: doctoral thesis. Faculty of Natural Sciences and Engineering in Ljubljana, 1985;
- Drovenik, Matija, Mlakar, Ivan. Strukturne in genetske posebnosti idrijskega rudišča. Geologija, 14, 1971, p. 67–126.

Submitted Mestni muzej Idrija

Submitted by Miha Kosmač

Date Submitted 28. 2. 2018

Date Edited Never
