

Name 1	DOLOMITE WITH SUPRA- INTERTIDAL TEXTURES
Name 2	/
ID number	002.13.Idrija
Manager / Administrator	Idrija Mercury Heritage Management Centre, Bazoviška 2, SI-5280 Idrija
Ownership	Public
Owner	Republic of Slovenia
Local / Original ID Number	120 (no. in display case) (K-35 no. in the detailed expert report)
Type of Object	Ore deposit

DESCRIPTION

Short description	The specimen represents an important sedimentological specialty of Anisian dolomite in the pit, namely incomplete loferite sedimentation type, which indicates the lively changing of the sea level. In transected and polished sample of light grey dolomite inner layers and other textures are nicely visible. In the central part of the sample we can observe stromatolite strips. Black intraclasts (inclusions) are from clayed bituminous fine-grained dolomite with microorganisms' residues.
Measures	Length 9 cm, width 8.5 cm, height 6.5 cm.
Materials	Dolomite

Dating

Triassic, Upper Anisian

Author / Producer

/

Picture attachments

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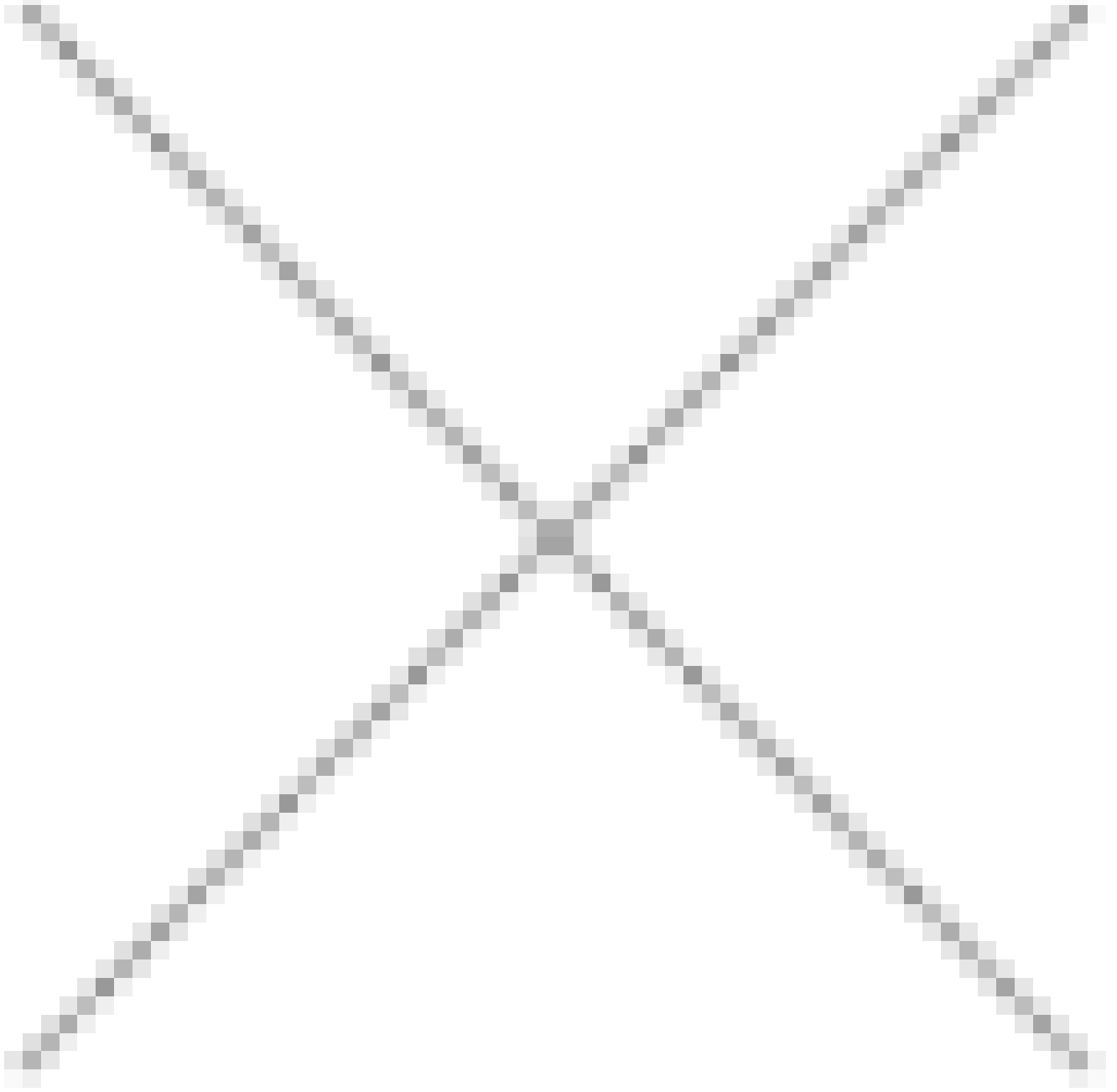


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Original use The lithological development of the rocks in the Idrija ore deposit was the same as elsewhere in Idrija right up till the Anisian period. During the Middle Anisian, approximately 244 million years ago, the period of great changes and of Mid-Triassic tectonic rift creation began. After the end of the first erosion period, the Idrija mid-Triassic rift was flooded with shallow sea and tens of metres of light-grey, mainly layered Upper Anisian dolomite with typical community Foraminifera were deposited, which are microscopical planktonic foraminifera.

Present use The dolomite with supra-intertidal textures 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 also represents one of the natural features of the Idrija ore deposit. It is a part of the thematic collection “Rocks of Idrija ore deposit” of the Mine Geological Collection, displayed in the CUDHg administrative premises, as a part of the Francis’ shaft.

Original location Idrija ore deposit, MF Vsi Sveti, IV/7

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 srednjetriasnih sedimentov v idrijskem rudišču: doctoral thesis. The Faculty of Natural Sciences and Engineering in Ljubljana, 1985;
- Čar, Jože. Okolje nastanka anizijskega dolomita nad srednjetriasno erozijsko diskordanco v idrijskem rudišču. Rudarsko-metalurški zbornik, 36/2, 1989, p. 395–407.

Submitted Mestni muzej Idrija

Submitted by Miha Kosmač

Date Submitted 27. 2. 2018

Date Edited Never
