

Name 1	THE INTERSECTION OF EROSIONAL SURFACE BETWEEN GRÖDEN ROCKS AND ANISIAN DOLOMITE
Name 2	/
ID number	002.15.Idrija
Manager / Administrator	Idrija Mercury Heritage Management Centre
Ownership	Public
Owner	Republic of Slovenia
Local / Original ID Number	261 T-1 (samples T-1/1 and T-1/2)
Type of Object	Ore deposit

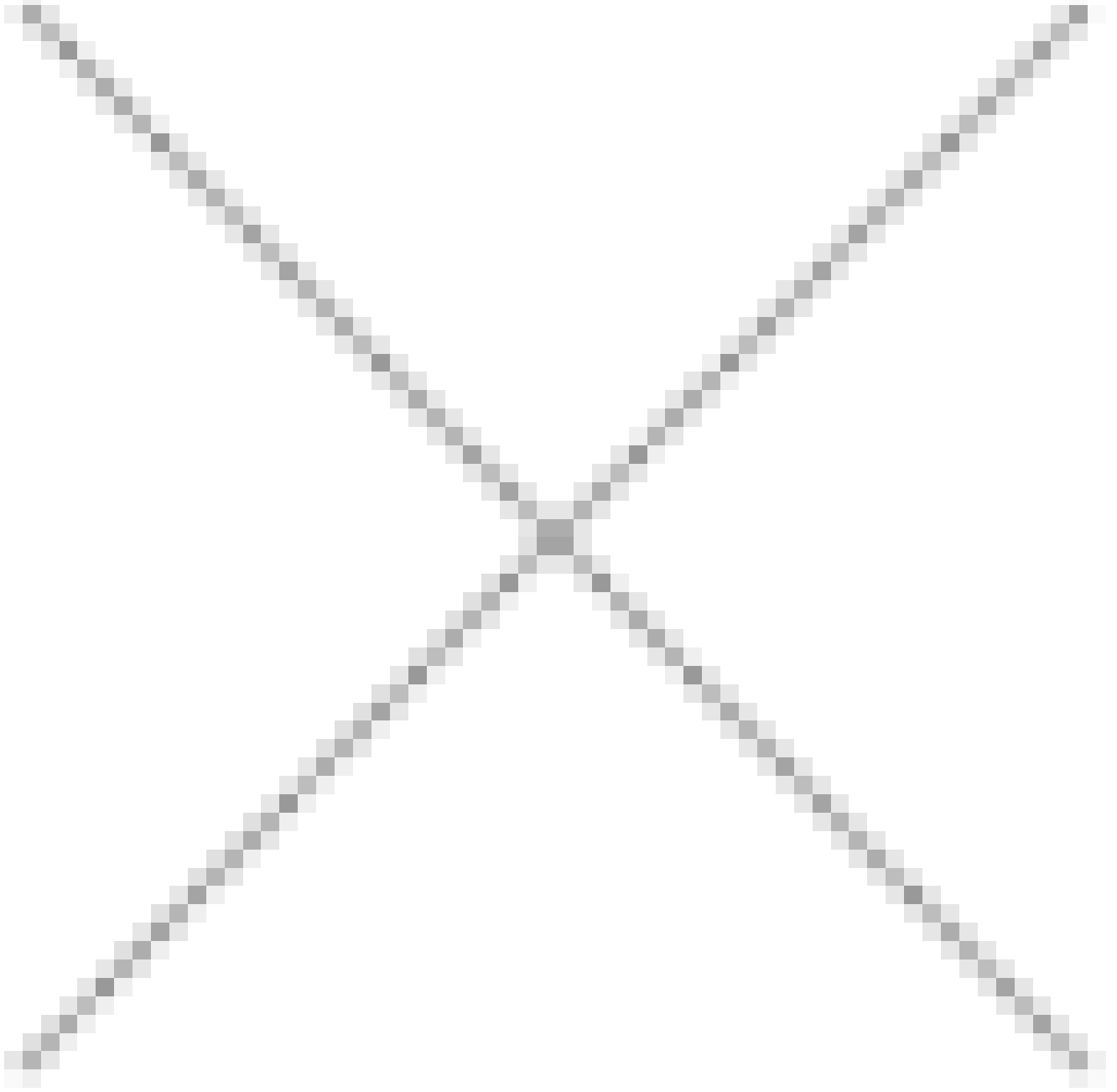
DESCRIPTION

Short description	The sample represents the intersection of the Mid-Triassic angled erosion surface. Above the carbon slate, there is the Ladinian dolomite breccia, strongly substituted with pyrite and later the Anisian dolomite.
Measures	Length 9 cm, width 8.5 cm, height 6.5 cm.
Materials	Slate, siltstone, dolomite conglomerate
Dating	Gröden, Mid-Triassic – Anisian and Ladinian rocks

Author / Producer /

Picture attachments

Image not readable or empty
/home/mcxsd05/domains/heritage-mercury.net/public_html/base/components/com_rsform/uploads/5a969a38e1533-P



Original use The Mid-Triassic tectonically-erosional discordance represents one of the most important structural phenomena of the Idrija tectonic system. During the time of the first erosion period in the Middle Anisian, approximately 750 m of Lower Anisian, Scythian, Upper Permian, Gröden and partially carbon layers were removed from the Idrija tectonic rift. The result of it are well-developed erosion surfaces in the pit, on which the shallow water Upper Anisian dolomite with community of typical foraminifera (microscopically small planktonic foraminifera) was deposited.

Present use The described specimen 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 “Samples of structural and tectonic characteristics 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, III level, at the blind shaft Leithner.

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:

- Čar, Jože. Rudniška geološka zbirka: Seznam in opis vzorcev. Mercury Mine Idrija, 2003, p. 1-122, [material is kept in the CUDHg archive];
- Drovenik, Matija, Čar, Jože, Strmole, Dragica. Langobardske kaolinitne usedline v idrijskem rudišču. Geologija, 18, 1975, p. 107-155.
- Čar, Jože. Razvoj srednjetriasnih sedimentov v idrijskem rudišču: doctoral thesis. Faculty of Natural Sciences and Engineering in Ljubljana, 1985.

Submitted Mestni muzej Idrija

Submitted by Miha Kosmač

Date Submitted 27. 2. 2018

Date Edited Never
