Name 1	DIGGING HAMMER 3
Name 2	/
ID number	002.173.Idrija
Manager / Administrator	Idrija Municipal Museum, Prelovčeva 9, SI-5280 Idrija
Ownership	Public
Owner	Municipality of Idrija, Mestni trg 1, SI-5280 Idrija
Local / Original ID Number	510:IDR;RZ-412
Type of Object	Mine

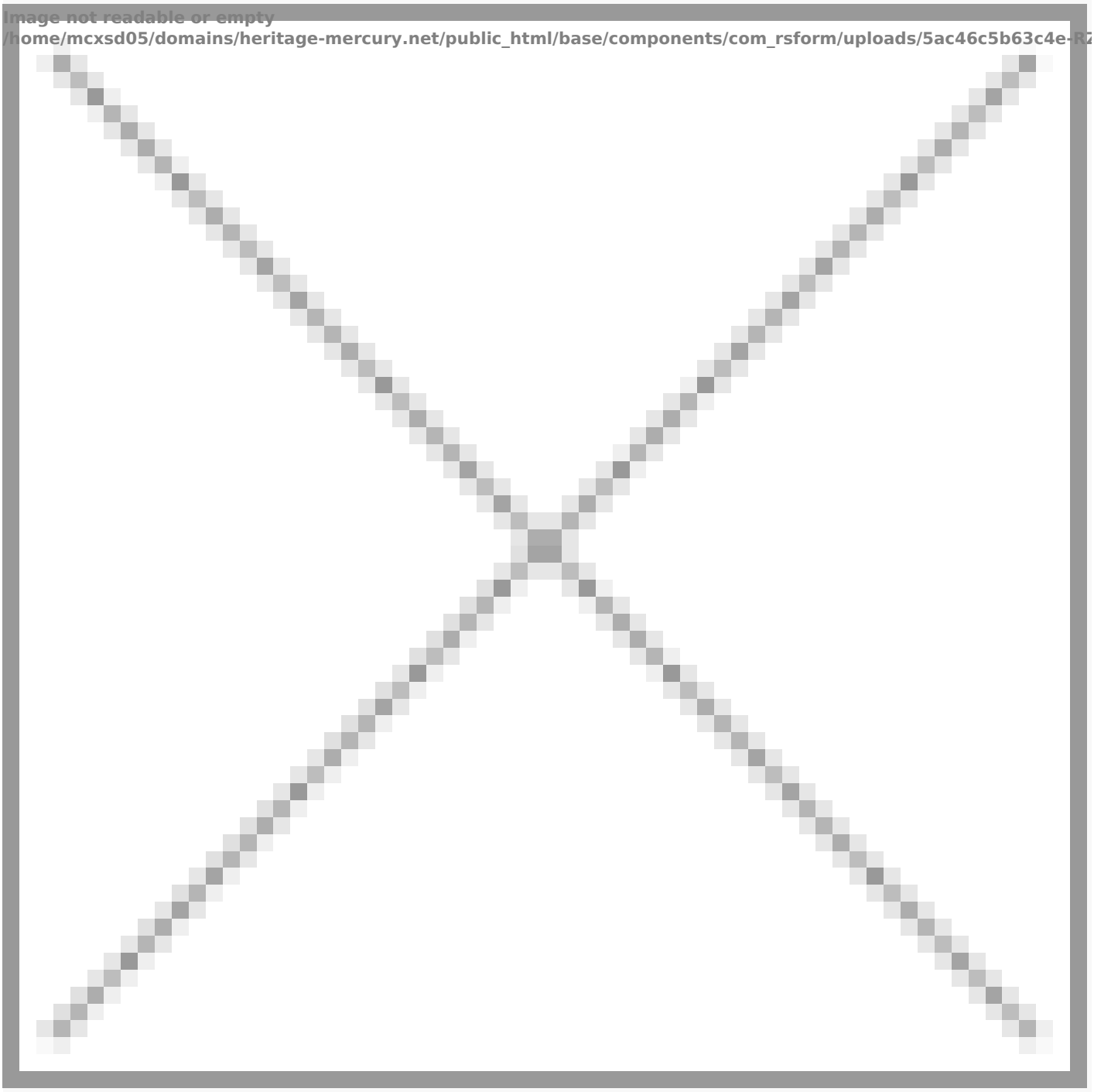
DESCRIPTION

Short description	The digging hammer is composed of a housing (cylinder), a piston, a tip, a guide and a handle. The cylinder has a screw thread on both sides. A handle is screwed on one side and a guide, with an opening for the tip on the bottom, on the other side. Control channels are in the cylinder walls. The handle has an integrated control for the compressed air. The front has an opening for the tip. The hammer has the round image of a miner on the housing. The hammer has a round drill (2.8 cm in diameter), which has 4-angled sharp tip.
Measures	Length 55 cm, width 7.5 cm, height 15.3 cm.

Materials	Steel.
Dating	First half of the 20th century.
Author / Producer	Manufacturer information is not known.

Picture attachments

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Original use	The digging hammer served for the acquisition of softer, brittle material. It was rarely is used in solid rocks, except for making nests in the woodwork industry. Under the pressure of compressed air, a piston struck the tip, at regular intervals, just like a hammer on a chisel. While working, the miner held the handle and pressed the lever, which released compressed air in the hammer. Simultaneously, it was necessary to press the tip into the rock, otherwise the piston strokes were partially transferred to guide and ruined the screw thread. The tip was usually made of round steel, between 30 to 40 cm long and with an approximate weight of 1.25 kg. The tip needed to be sharpened and required heat treatment repeatedly. The main disadvantage of the digging hammer is its relatively low efficiency. The need for increased production therefore led to the development of stronger upstream machines.
Present use	The digging hammer is being preserved, secured and presented as important mining heritage of Idrija with exceptional universal values. The digging hammer is stored in the depot of the Idrija Municipal Museum. It can be used for temporary museum exhibitions or for other types of mercury heritage promotions.
Original location	Idrija Mercury Mine (miner’s working equipment).
Present location	Idrija Municipal Museum, Gewerkenegg Castle (showroom 7).

STATE OF CONSERVATION

History of conservation:	The object is not complete, since a part of the housing is missing (it is cracked). It was fully conserved. 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:	- Inventory Book of the Idrija Municipal Museum.
Submitted	Mestni muzej Idrija
Submitted by	Miha Kosmač
Date Submitted	6. 3. 2018
Date Edited	Never