

K1222 Condition Report

Conservation Started: 09/05/2013

Conservation Finished: 09/05/2013

Conservator: Cymbeline Storey

Time Taken: 1.25 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 6.5mm (W) 5mm (D) 1mm (Th.) <0.25mm

Weight before: 0.04g

Weight after: 0.01g

Catalogue number: 695

Digital photography:

Taken with a Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification. Taken before and after.

Annotation on any of the storage bags or boxes: None

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

Loose gold textured (3x3 waffle pattern) backing foil for a cloisonné garnet.

Associated Objects: TBC

Pre-Conservation Condition: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

~50% of the back and 95% of the front is covered with soil that contains no remarkable features or inclusions. The edges of the foil are bent upward, presumably from when a garnet was pressed down onto the foil.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Total cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, 50:50 water/IMS on metals

The granular soil on the front/back was mechanically removed or reduced where possible using a fine thorn tip secured in a pin vice and a small pure bristle brush. IMS or water was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

A storage box padded with white polyethylene foam was made for housing the object.

Post-Conservation Condition/Findings:

The condition is the same as pre-conservation apart from removal of a small amount of soil. The entire surface can now be seen. The gold is tarnish-free and bright. The foil is slightly bent.

Key Features:

- Loose textured (3x3 waffle pattern) gold backing foil for garnet
- Edges bent upward

Samples:

1. soil