

K1436 Condition Report

Conservation Started: 16/5/2013

Conservation Finished: 17/5/2013

Conservator: Deborah Magnoler

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Dimensions: a) L. 3mm; W. 3mm; Th. <0.25mm

b) L. 5.5mm; W. 4mm; Th. <0.25mm

Weight before: <0.01g

Weight after: <0.01g

Catalogue number: 695

Digital photography:

Taken with a Canon EOS digital camera under daylight bulbs and Photomicrographs taken using Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification.

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification Standard pattern gold backing foil, deep stamped with bold grid lines and rectangular recesses. This object is composed of two fragments of foil, which are very similar but might not be part of the same object.

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

The larger fragment is bent and torn, the smaller fragment is bent, quite possibly intentionally, as it was meant to fit around a garnet.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Partial cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, cotton wool swabs, cocktail stick.

The granular soil 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. A strip of Tyvek (spun bound polyethylene fibres) was used as a cushion for the object and to help lift it out of the foam.

Post-Conservation Condition/Findings: see pre-conservation reports

Key Features:

- Standard foil
- Deep pattern, with bold grid lines

Samples:

None taken – insufficient soil