

K1441: Gold sheet-metal fragment with beaded wire filigree collar

Condition Report

Conservation Started: 15.2.2013

Conservation Finished: 15.2.2013

Conservator: Julia Leunge

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 6.8 mm (Th.) 0.5 mm

Weight before: 0.20 g

Weight after: 0.20 g

Catalogue number: 651

Digital photography:

Taken with a Canon EOS 100D digital camera, under overhead lights and a Keyence VH-Z20R Digital Microscope (with analyses capture software) and fibre optic lights, 7-75x magnification. Taken before, after.

Annotation on any of the storage bags or boxes:

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Description: Visual and microscopic examination using Meiji stereo microscope 20x magnification

Gold sheet-metal fragment with hole in the middle and beaded wire filigree collar. The back of the object is plain.

Associated Objects:

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Pre-Conservation Condition: Visual and microscopic examination using Meiji stereo microscope 20x magnification

Some granular soil is covering the object's surface.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study / Analysis

Aim: Total cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, 50:50 water/IMS on metals, cotton wool swabs, cocktail stick, Paraloid B72

The granular soil on the front and 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.

The paper K number was adhered to the back with HMG brand Paraloid B72 (ethyl methacrylate copolymer) from the tube, applied with a cocktail stick.

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:

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Key Features:

Beaded wire filigree collar.

Analysis Undertaken:

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Samples:

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References:

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