

K1600: Gold ringlet with beaded wire filigree collar

Condition Report

Conservation Started: 18.2.2013

Conservation Finished: 18.2.2013

Conservator: Julia Leunge

Time Taken: 1 hour

Including digital photography, report, conservation and packing.

Dimensions: (Diam) 4 mm (D) 0.5 mm

Weight before: 0.03 g

Weight after: 0.03 g

Catalogue number: 654

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 and after.

X-ray: L64

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 ringlet with beaded wire filigree collar and plain backing. The backing does not run all the way under the filigree, causing a small part of the collar to be 'in mid-air'.

Associated Objects:

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

The object's surface has discoloured in some places. Granular soil is present on the surface and in the crevices between filigree and backing.

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 not adhered due to tininess of the object.

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

Analysis Undertaken:

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Samples:

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References:

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