

K 1280 Gold filigree wrapped wire fragment

Condition Report

Conservation Started: 25.2.2013

Conservation Finished: 25.2.2013

Conservator: Julia Leunge

Time Taken: 2 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 53 mm (W) 1.5 mm (Th.) 2mm

Weight before: 1.50 g

Weight after: 1.49 g

X-ray: L45, L51

Catalogue number: 217

Digital photography:

Taken with a Canon EOS 100D digital camera, under daylight or bulbs and a Keyence VH-Z20R Digital Microscope (with analyses capture software) and fibre optic lights, 7-75x magnification. Taken before, during and 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 filigree wrapped wire fragment with single beaded wire attached. The wrapped wire is bent. The single wire has detached from the main wire in places.

Associated Objects:

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

Granular soil is adhering to 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:

Two beaded wires wrapped around a single wire, a single wire attached to the rest.

Analysis Undertaken:

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Samples:

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References: