

K109 Condition Report

Conservation Started: 26/02/13

Conservation Finished: 26/02/13

Conservator: Natalie Harding

Time Taken: 2 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 20mm (W) 4.5mm (Th) beaded wire edge 1mm

Weight before: 0.71g

Weight after: 0.63g

Catalogue number: 559

Digital photography:

Taken with a Nikon Coolpix 4500 digital camera, under daylight or bulbs and Meiji Techno RZ Stereo microscope with an Infinity 1 camera (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: 3 (in triangle), 24/7/2009, PN 1971, SSH09.

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification. Slightly arched shaped filigree panel with gold sheet backing, soil obscures the exact pattern style. Beaded wire edging / boarder and beaded wire filigree pattern.

Associated Objects: n/a

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

Mostly covered in soil, yet seems stable. At the slightly wider end of the panel a part of the beaded boarder approximately 5mm in length has peeled off from the piece, yet it is still attached.

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.

No corrosion products were found.

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:

The filigree is a simple 'figure of eight' interwoven pattern. This is constructed from individual sections of 'S' shaped beaded wire.

Cleaning revealed that at the slightly thicker end of the panel, one 'S' section of the filigree has a full boarder of narrower beaded wire, the other sections do not.

On the damaged 'pulled up' part of the beaded boarder the solder can be seen.

Very dark gold, heavily tarnished black all over.

Key Features:

- Panel is a slightly arched shape.
- Simple 'figure of eight' filigree pattern.
- Constructed by filigree soldered to gold sheet panel, surrounded by beaded wire boarder.

Analysis Undertaken: n/a

Samples:

1. Soil – all over.

References: n/a