

K1080 Condition Report

Conservation Started: 23/1/13

Conservation Finished: 23/1/13

Conservator: Deborah Magnoler

Time Taken: 1 hr

Including digital photography, report, conservation and packing.

Dimensions: (L) 9 mm (W) 9 mm (D) 1 mm

Weight before: 0.35g

Weight after: 0.33g

Catalogue number: 687

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: BA 1971 SSH09 M10 1001 sf 174 30/7/09

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Fragment of a silver gilt object with incised decoration.

Associated Objects:

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

Lightly covered in soil. Broken on all sides. The metal appears highly mineralised and fragile, especially at the back. The gilding is partially covered by an encrustation of light grey corrosion. The silver is tarnished black.

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.

The granular soil on the front & 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.

Some of the corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

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:

See pre-conservation condition

Key Features:

- silver gilt fragment
- incised decoration

Analysis Undertaken:

XRF analysis of the object was performed. See document 'KXXX XRF Report'.