

K1356 Condition Report

Conservation Started: 21/06/2013

Conservation Finished: 21/06/2013

Conservator: Cymbeline Storey

Time Taken: 0.75 hour

Including digital photography, report, conservation and packing.

Dimensions: (L) 14mm (W) 5mm (D) 2mm

Weight before: 0.63g

Weight after: 0.62g

Catalogue number: 675

Digital photography:

Taken with a Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights (20-200x magnification). Taken before and after.

Annotation on any of the storage bags or boxes: None

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

Flat, rectangular silver fragment with one round, empty fastening hole through the body. Three of the four edges are finished.

Associated Objects: TBC

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

Three of the edges are finished; one edge is an old-looking break. There is one round fastening hole through the body of the object. It is empty apart from soil.

The entire surface is covered with a thin layer of soil and bumpy, brown corrosion products (likely silver chloride). Visible surface has heavy tarnish (probably from burial) and a few patches of green corrosion product.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

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

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. Loose particles of soil were then removed with a small swab of IMS.

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:

The condition of the object is the same as pre-conservation apart from removal of a small amount of soil from both sides and the fastening hole.

Key Features:

- Flat, rectangular fragment of silver
- One round, empty fastening hole through body

Samples:

None