

K1268 Condition Report

Conservation Started: 20/06/2013

Conservation Finished: 21/06/2013

Conservator: Cymbeline Storey

Time Taken: 0.75 hour

Including digital photography, report, conservation and packing.

Dimensions: (L) 11.5mm (W) 6.5mm (D) 2.5mm

Weight before: 0.38g

Weight after: 0.31g

Catalogue number: 378

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: BA 1971, SSH09, 1007, M15, 358 (in a triangle), 5/8/09

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

Plain fragment of silver with a 90-degree bend. All edges are breaks.

Associated Objects: TBC

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

All edges are old-looking breaks. The front has light deposits of soil and brown corrosion products (likely silver chloride); visible surface is tarnished to a consistent dark grey colour. The back is ~90% covered with a thick layer of unremarkable soil.

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, cocktail stick, Paraloid B72

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.

Post-Conservation Condition/Findings:

The condition of the front is the same as pre-conservation apart from the removal of a small amount of soil. The back of the object can now be seen. It has heavy tarnish (probably from burial), a rough/pitted texture and thin deposits of a brown corrosion product (likely silver chloride).

Key Features:

- Plain fragment of silver with a 90-degree bend. All edges are breaks.

Samples:

1. soil

***UPDATE 10/09/15: Now boxed with K167, K200, K253, K422, K609, K864, K901, K935, K941, K1057 (Lizzie Miller)**