

K1653 Condition Report

Conservation Started: 04/07/2013

Conservation Finished: 04/07/2013

Conservator: Cymbeline Storey

Time Taken: 0.75 hour

Including digital photography, report, conservation and packing.

Dimensions: (L) 6mm (Diam) shank 1.5mm

Weight before: 0.05g

Weight after: 0.05g

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.

X-ray: L103

Annotation on any of the storage bags or boxes: None

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

Bent fragment of silver pin shaft.

Associated Objects: TBC

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

The entire surface apart from break edges is covered with a thin layer of waxy, purple corrosion (likely silver chloride). The break edges look old. There are a few flecks of soil on the surface.

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

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.

A storage box padded with white polyethylene foam was made for housing the object.

Post-Conservation Condition/Findings:

The condition of the object is the same as pre-conservation apart from removal of a small amount of soil.

Key Features:

- Bent fragment of silver pin shaft

Samples:

None