

K1253 Condition Report

Conservation Started: 18/07/2013

Conservation Finished: 18/07/2013

Conservator: Cymbeline Storey

Time Taken: 0.75 hour

Including digital photography, report, conservation and packing.

Dimensions: (L) 6.5mm (W) 6mm (D) 2mm

Weight before: 0.26g

Weight after: 0.26g

Weight with re-joined fragments: 9.17g

X-ray: L43, L102, L126

Catalogue number: 183

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

Square, convex fragment of a silver hilt collar with recessed, gilded lines on the front.

Associated Objects: K181, K187, K528, K743, K755, K936, K1152, K1253, K1306, K2089

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

The object is covered with a thin layer of soil and light purple corrosion products (likely silver chloride). The fragment is slightly convex when viewed from the front. It is part of a hilt collar, some of the other fragments of which are in the hoard.

The front has recessed, gilded lines and widespread corrosion. The back is plain silver with a thin layer of soil. The object has one finished edge and three old-looking break edges.

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

Key Features:

- Part of silver gilt hilt collar
- Recessed, gilded lines on front

Samples:

None