

K1199 Condition Report

Conservation Started: 11/3/2013

Conservation Finished: 11/3/2013

Conservator: Deborah Magnoler

Time Taken: 1hour 30 min.

Including digital photography, report, conservation and packing.

Dimensions: (L) 24 mm (W) 13mm (D) 0.4 mm

Weight before: 1.65 g

Weight after: 0.82g

X-ray: L62

Catalogue number: 300

Digital photography:

Taken with a Canon EOS digital camera under daylight bulbs and Photomicrographs taken using Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification.

Annotation on any of the storage bags or boxes:

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
End of a gold hilt plate. Incomplete.

Associated Objects:

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

Partially covered in soil, torn off end of a hilt plate. The flanged edge is flattened or folded in and has lost its tray-like shape. the gold surface features area of abrasion, scratches and discolouration; none of these features appear recent (caused during or after excavation. The beaded wire ring has an area of considerable abrasion that has flattened the beads. All river holes show distortion in different measures.

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, cotton wool swabs, cocktail stick,

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 was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

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 edge was originally shaped into a flange to create a tray. There are three rivet holes arranged in a triangular formation. The one on the end nearest the tip of the plate is larger, torn and surrounded by a ring of beaded wire. There are impressions of the surface – visible from the underside – possibly left by contact with a nail head or boss.

Key Features:

- Part of a hilt plate
- Three rivet holes
- Beaded wire ring.