

K1251 Condition Report

Conservation Started: 09/05/2013

Conservation Finished: 09/05/2013

Conservator: Cymbeline Storey

Time Taken: 1.25 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 8.5mm (W) 3mm (D) 1mm (Th. sheet) <0.25mm

Weight before: 0.05g

Weight after: 0.02g

Catalogue number: 682

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

Small, rectangular fragment of plain, thin gold with a bevelled edge (possibly part of a hilt plate?)

Associated Objects: TBC

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

Soil covers ~40% of each side. Visible surface has general abrasion. There are two tears (stable) in the bevelled edge.

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.

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. The surface has general light abrasion.

Key Features:

- Small, plain, rectangular fragment of gold with bevelled edge (possibly part of a hilt plate)

Samples:

None