

K 1468 Condition Report

Conservation Started: 31/5/2013

Conservation Finished: 31/5/2013

Conservator: Deborah Magnoler

Time Taken: 2 hr

Including digital photography, report, conservation and packing.

Dimensions:

a) Largest: L.20mm; W. 13.5mm; Th. <0.5mm;

Thin fragment: L.19mm; W. 1.5mm; Th. 1mm

V. small fragments: L. <4mm

Weight combined: 0.79g

b) L. 7mm – **Renumbered to K2017**

Weight: 0.02g

Total Weight before: 1.10g

Total Weight after: 1.08 g

X-ray: L94

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.

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

A group of object comprising one large, flat silver gilt sheet fragment, two possible stamped foil fragments, one thin bar shaped fragment and a number of small silver sheet fragments, for a total of 7 capsules. The largest fragment may feature the remains of a perforation at one end.

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

There is minimal soil coverage. All objects are incomplete, corroded, discoloured and deemed very fragile. The largest piece has multiple fine scratches on the gilt surface and one of the edge fractures shows a white/silver substrate and may have been caused during or post excavation.

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, Paraloid B72

The granular soil on the front and 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.

Possible 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. 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: see pre-conservation reports.

Samples:

None – insufficient soil.