

K1414 a-b-c-d-e-f-g Condition Report

Conservation Started: 20-2-2013

Conservation Finished: 20-2-2013

Conservator: Suzanne van Leeuwen

Time Taken: 1 hour, including digital photography, report, conservation and packing.

Dimensions: a: L. 19 mm; W. 1 mm, b: L. 20 mm; W. 1 mm, c: 6.5 mm x 6 mm, d: L. 6.5 mm; W. 1.2 mm, e: L. 10.5 mm; W. 1 mm, f: L. 13 mm; W. 1 mm, g: L. 11.5 mm; W. 1.5 mm

Weight before: combined 0.88 grams

Weight after: combined 0.87 grams

Catalogue number: 674

Digital photography: Taken with a Canon EOS 1100D digital camera, under daylight and with a Keyence VH-Z20R Digital Microscope, under artificial light. Taken before and after.

Annotation on any of the storage bags or boxes:

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Description: *Seven silver-alloy fragments of rivets, with and without gilding. Some rivets are complete, others are not.* (Description SvL)

After renumbering by C. Fern K1414 is now formed of the two silver nails with bent shanks tapering at their ends. One is dome headed and the other is flat headed. Both have shanks that are round faceted.

The other fragments in the group have now been renumbered as follows:

K1988: Three incomplete silver rivets/nails, possibly cut. One is almost whole and has a domed head; the other are shanks only. (Wt. 0.30g)

K1989: Gold filigree fragment; two beaded wires, thick and thin soldered to the remains of a gold sheet backing. (Wt. 0.16g). Catalogue number 681.

K1990: Niello fragment that preserved the right-angle form of the channel. (Wt. 0.07g). Catalogue number 688.

Associated Objects:

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Pre-Conservation Condition: Visual and microscopic examination using Meiji BM 47941 stereo microscope 2-10x magnification.

Treatment: Carried out using a Meiji BM 46941 stereo microscope 2-10x magnification.

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. A mixture of 50% IMS and 50% water was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of the IMS/water mixture. A swab of IMS was used to neutralise the surface.

Corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

The paper K numbers were not attached to the objects; the objects were too small. One or two paper K numbers were therefore placed in some of the vials the objects were placed in.

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

Purpose: Study

Aim: Total cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, 50:50 water/IMS on metals, cotton wool swabs, cocktail stick, IMS.

Post-Conservation Condition/Findings: Some silver chloride corrosion on some of the pieces.

Key Features: Silver-alloy, gilding

Analysis Undertaken: X-ray: L45

Samples:

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References:

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