

K1599 Condition Report

Conservation Started: 01/03/2013

Conservation Finished: 01/03/2013

Conservator: Cymbeline Storey

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Fragment A:

Dimensions: (L) 9mm (W) 7mm (D) 1.5mm

Weight before: 0.31g

Weight after: 0.31g

Fragment B:

Dimensions: (L) 8mm (W) 7mm (D) 1.5mm

Weight before: 0.32g

Weight after: 0.31g

Fragment C:

Dimensions: (L) 12mm (W) 10mm (D) 6mm

Weight before: 0.59g

Weight after: 0.59g

Catalogue number: 571

Digital photography:

Taken with a Keyence VHX-1000 3D digital microscope. 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

Fragment A: Flat, five-sided fragment of silver.

Fragment B: Silver triangle with niello inlay in a V shape and one round fastening hole through it that contains an intact rivet.

Fragment C: Fragment of silver with linear niello inlay.

Associated Objects: TBC

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

Fragment A: All edges are breaks. The fragment has light soil coverage, moderate tarnish and general surface abrasion.

Fragment B: The fragment has moderate tarnish and general surface abrasion. There is one round fastening hole through the object that contains an intact silver rivet. On the front surface the rivet has a domed head; on the back the head is flattened into a large disc. The rivet is covered with silver chloride corrosion (cream to purple in colour). The niello is intact. It is slightly raised and has a rough texture.

Fragment C: The fragment has light soil coverage, moderate tarnish and general surface abrasion. The niello is intact. It is slightly raised and has a rough texture.

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.

Post-Conservation Condition/Findings:

The condition of the objects is the same as pre-conservation except the small amount of soil has been removed. Shiny, granular silver can be seen on break edges.

There was a small patch of brown residue on the back of K1599b. This was removed in one piece and retained in sample vial 1 for future study/analysis if desired.

Key Features:

- Three fragments of silver; two have niello inlay.
- One fragment with intact rivet through it. Rivet has one domed head and one flattened head.
- Brown residue removed from back of K1599b for future examination/analysis if desired.

Samples:

1. Brown residue on the back of K1599b