

K1755 Condition Report

Conservation Started: 22/1/13

Conservation Finished: 22/1/13

Conservator: Deborah Magnoler

Time Taken: 1 hr 30 mins.

Including digital photography, report, conservation and packing.

Dimensions: (L) 11.5 mm (W) 5.2 mm (T) 0.9 mm

Dimensions with K1080: (L) incomplete 16mm (W) 8.5 (Th) 1mm

Weight before: 0.38g

Weight after: 0.38g

Catalogue number: 687

Digital photography:

Taken with a Nikon Coolpix 4500 digital camera, under daylight or bulbs and Meiji Techno RZ Stereo microscope with an Infinity 1 camera (with analyses capture software) and fibre optic lights, 7-75x magnification. Taken before, during and after.

Annotation on any of the storage bags or boxes:

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Fragment of a silver object with incised decoration and traces of gilding.

Associated Objects:

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

Darkened by silver oxide, lightly covered in silt. There are localised encrustations of copper corrosion on top of the gilding. The back is plain, with voluminous grainy & waxy corrosion products. The metal itself appears much mineralised and brittle.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Partial cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, scalpel blade.

The silt 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. A scalpel blade was used to lift some of the corrosion encrustations to expose the decorative detail.

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

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 condition.

Key Features:

- Silver fragment with incised decoration
- Partially gilded.
- Mineralised metal

Analysis Undertaken:

XRF analysis of the object was performed. See document 'XXXX XRF Report'.