

K1306 Condition Report

Conservation Started:22/1/13

Conservation Finished: 22/1/13

Conservator: Deborah Magnoler

Time Taken: 2 hrs 30 minutes

Including digital photography, report, conservation and packing.

Dimensions: (L) 11.6 mm (W)9 mm (T)1.6 mm

Weight before: 0.73g

Weight after: 0.73g

Weight with re-joined fragments: 9.17g

X-ray: L43, L102, L126

Catalogue number: 183

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 gilded detail. The object also features 2 linear parallel thin grooves on one side. L shaped section. Plain back

Associated Objects: K181, K187, K528, K743, K755, K936, K1152, K1253, K1306, K2089

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

Covered by a thin layer of fine silt. The surface and decoration are partially obscured by an encrustation of silver chloride. broken on three sides, possibly four. The gilding is present in the grooves around the incised decoration and seems to be still adhering to the surface.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Partial cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS, scalpel and pointed dental tool.

The granular soil on the front & back and part of the silver chloride were mechanically removed or reduced where possible using a fine thorn tip secured in a pin vice, IMS, a scalpel blade and a pointed

dental tool was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

Most of the corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date. The object is a possible part of a silver group and a homogenous level of conservation will need to be established once the decision is made to rejoin all the pieces.

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 condition.

Key Features:

- Silver object with incised decoration
- Partially gilded
- Two parallel grooves on the side.