

K126 Condition Report

Conservation Started: 27/2/13

Conservation Finished: 27/2/13

Conservator: Deborah Magnoler

Time Taken: 4 hrs

Including digital photography, report, conservation and packing.

Dimensions: (L) incomplete 29mm (W) incomplete 16mm (H) 21mm (T) 1mm

Weight before: 2.24g

Weight after: 1.82g

Weight with K804, K857, K874, K1367: 7.11g

X-ray: L52, L88, L135, L136

Catalogue number: 106

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.

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Gold fragment, possibly of a strip or collar. Decorated with interlace filigree and sporadic granules within round filigree rings. Only part of the outer border survives and it is a single beaded wire. The back is undecorated, but the gold sheet here is irregular and patchy.

Associated items: K804, K857, K874, K1367

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

Covered in soil, incomplete, torn and bent. Only part of one of the original edges survives. The gold itself is darkened by a reddish form of discolouration and appears dull.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Total cleaning & consolidation

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metalswater on garnets, 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 was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

An area of metal on the torn end, sustaining a filigree detail required consolidation; Paraloid B72 (ethyl methacrylate copolymer) 10% w/v in acetone was applied with a fine natural brush.

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.

Key Features:

- Interlace
- Granules within filigree rings.

Samples:

1. soil from all sides.