

K103 Condition Report

Conservation Started: 19/4/2013

Conservation Finished: 19/4/2013

Conservator: Deborah Magnoler

Time Taken: 1.hour

Including digital photography, report, conservation and packing.

Dimensions: (L) 32.5mm (W) 3mm (T) 1mm

Weight before: 0.97g

Weight after: 0.96g

Catalogue number: 682

Digital photography:

Taken with a Canon EOS digital camera under daylight bulbs and Photomicrographs taken using Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification.

Annotation on any of the storage bags or boxes: 24/7/09 sf 28

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Plain strip of gold broken at both ends. One of the edges is complete lengthways, the other appears to be torn with possible traces of solder.

Associated Objects: possibly K141 (similar strip)

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

Lightly covered in soil. Incomplete, with a cut on one of the edges, bent. There are no visible fresh marks form or post-excavation.

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, , 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.

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:

- Plain strip, possibly an outer wall

Samples

None taken – insufficient soil