

## K1317 Condition Report

**Conservation Started:** 4/6/13

**Conservation Finished:** 4/6/13

**Conservator:** Deborah Magnoler

**Time Taken:** 2.75 hr

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 21 mm (W) 4 mm (T) 1.3 mm

**Weight before:** 1.1 g

**Weight after:** 1.06g

**Catalogue number:** 559

(K1317b silver sheet renumbered to K1966)

### **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.

**Description:** Visual and microscopic examination using Meiji stereo microscope 7-75x magnification.

A gold, rectangular panel decorated with an intertwined pattern of filigree wire resembling a snake. The snake has a thick, ribbed head and definite jaws. The panel is slightly curved. The back is plain and features an central, linear incision which may or may not be intentional.

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

Covered by a thin layer of compact soil. The object is bent at the centre. The back is virtually clean. The surface is dulled by a form of dark and iridescent discolouration, especially prominent on the base plate. There are minor abrasions on the border around the head area.

**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.

The granular soil on the front and 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. 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 reports.

**Samples:**

1. Two small fragment of silver sheet-from the soil at the front, now renumbered as K1966, weighing <0.01g.