

## K158 Condition Report

**Conservation Started:** 26/2/13

**Conservation Finished:** 26/2/13

**Conservator:** Deborah Magnoler

**Time Taken:** 2 hrs

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 15mm (W) 9mm (T) wire edge 1mm

**Weight before:** 2.8g

**Weight after:** 1.57g

**Catalogue number:** 557

### **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

A rectangular gold panel with snake decoration. The snake's body is composed by thick portions of beaded wire flanged by two thinner wire portions. It has a distinguishable plain gold head with jaws and a thick tail. The border is decorated with a single line of beaded wire. The back is plain.

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

Partially covered in soil, but whole. Bent to form a U shape. Minimal oxidation giving the surface a red hue. No evident recent damage.

**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,.

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:**

- Large snake panel