

## K111 Condition Report

**Conservation Started:** 8/7/13

**Conservation Finished:** 9/7/13

**Conservator:** Deborah Magnoler

**Time Taken:** 2 hr

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 30 mm (H) 3mm (Th) 0.5mm

**Weight before:** 0.98g

**Weight after:** 0.91g

**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.

**Annotations on the box:** sf 1 24/7/09

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

A strip of gold with a visible joint in the central area. One end appears to be incomplete or cut, while the other end seems complete and rounded. The object is plain with the exception of two deposits of possible solder on the inner side. One of these deposits is partial and has left an oval mark on the gold surface. The other deposit is more conspicuous and seems to still have part of a pin attached to it (see photomicrographs). Potentially, this strip would have been fastened onto something else.

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

Partly covered in soil and possibly incomplete. The strip is bent. The long sides' edges are rough but possibly complete.

**Treatment:** Carried out using a Meiji stereo microscope

**Purpose:** Study

**Aim:** Total cleaning

**Materials:** Soft natural/synthetic brushes, thorn in pin vice/holder, cotton wool swabs, cocktail stick, Paraloid B72

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 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.

**Key feature:**

- Plain strip of gold
- Solder traces
- Soldered pin on one side.

**Samples:**

None – insufficient soil.