

## K1229 Condition Report

**Conservation Started: 22/5/13**

**Conservation Finished: 22/5/13**

**Conservator: Deborah Magnoler**

**Time Taken: 1 hr**

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 23 mm (W) 14 mm

**Weight before:** 0.30g

**Weight after:** 0.23g

**Catalogue number:** 355

### **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: SSH09 171 1001 sf 139 M9 2/7/09**

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

Plain gold sheet, possibly part of a hilt plate. The object has a linear depression or fold along one edge which might once have formed a flange. There is a set of three triangular dents with small holes inside in the central area (see photomicrograph). The back has small deposits of a black material.

### **Associated Objects:**

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

Lightly covered in soil. Some of the edges are cut and some are torn. Part of the object is folded onto itself.

**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, 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 dark material was left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

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:**

**Key features:**

- Plain sheet of gold with a groove at one edge
- Three triangular depressions with holes (accidental?)

**Samples:**

None taken – insufficient soil.