

## K1202 Condition Report

**Conservation Started:**12/07/2013

**Conservation Finished:** 12/07/2013

**Conservator:** Chi Chun, Lin

**Time Taken:** 4 hours

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 73mm (W) 7.6mm (D) 0.31mm

**Weight before:** 4.67 g

**Weight after:** 3.11 g

**X-ray:** L133

**Catalogue number:** 254

### **Digital photography:**

Taken with a Canon EOS digital camera under daylight or bulbs and a Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights (20-200x magnification). Taken before and after.

### **Annotation on any of the storage bags or boxes:**

BA1971, SSH09, 1001, 4/8/09,N13,331 ( in triangle)

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

This object is a gold rectangular flat fragment which is with bent and uneven shape. The both end sides of the object are broken. On the one side, there is an incomplete rivet hole which is surrounded with beaded wire. And another side is a break uneven edge.

### **Associated Objects:**

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

The gold fragment is covered with lump of soil. Particularly, the back side is covered with think layer of soil. The shape is bent slightly. The end edges of the object are both broken.

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

**Purpose:** Study

**Aim:** Total cleaning

**Materials:** Soft natural brushes, thorn in pin vice/holder, IMS on metals, cotton wool swabs, cocktail stick.

The granular soil on the front and back were 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 K1202 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:**

There is an incomplete rivet hole on the one of end edge which was covered with lump of soil totally. This rivet hole is surrounded with beaded wire.

**Key Features:**

- beaded wire setting
- gold fragment
- rivet hole

**Analysis Undertaken:**

**Samples:**

Sample 1: soil from front and back.

Sample 2: small pieces of plant form back