

## K1152 Condition Report

**Conservation Started:** 22/01/13

**Conservation Finished:** 22/01/13

**Conservator:** Natalie Harding

**Time Taken:** 2hours

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 9mm (W) 8mm (D) 1mm

**Weight before:** 0.42grams

**Weight after:** 0.42grams

**Weight with re-joined fragments:** 9.17g

**X-ray:** L43, L102, L126

**Catalogue number:** 183

### **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.

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

Joins w/ K743.

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

Four-sided silver fragment, medium soil covering.

Raised decoration.

Border decoration of wave within parallel lines.

One side edge appears to be smooth, suggesting that this is a boarder edge of the original whole piece.

Blackened areas all over front and reverse, probably silver tarnish.

**Associated Objects:** K181, K187, K528, K743, K755, K936, K1152, K1253, K1306, K2089

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

Appears structurally stable. Covered and obscured by soil. Soil seems to be concreted onto the object in areas. Granular areas of what may be silver corrosion product in areas. One smooth edge whereas the three other edges appear torn. What appears to be black silver tarnish covers both front and reverse surface.

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

**Purpose:** Study / Analysis

**Aim:** Partial 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/water 50:50 was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

Corrosion products were 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:**

The surface of the object is smooth with a relatively uniform black patina covering most of the surface, most probably silver tarnish.

Gold gilding in lower recesses of decoration. It seems that the high points of decoration have been worn off, possibly through original use

One torn edge was matched-up and aligned with another fragment, K743. It seems that these two pieces match as the decorations align.

**Key Features:**

- Raised decoration.
- One smooth edge, suggesting a border edge.
- Gold gilding in recesses.

**Analysis Undertaken:** n/a

**Samples:**

1. Soil

**References:** n/a