

## K1067 Condition Report

**Conservation Started:** 11/07/2013

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

**Conservator:** Cymbeline Storey

**Time Taken:** 3 hours

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 11mm (W) 6mm (H) 4mm (Th.) 0.5mm

**Weight before:** 7.95g

**Weight after:** 0.61g

**Catalogue number:** 615

**X-ray:** L103, L116

### **Digital photography:**

Taken with 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:** None

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

Three joining fragments of silver c-sectioned strip.

**Associated Objects:** TBC

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

The object is a group of soil blocks containing a few small stones and a little plant matter. A piece of silver can be seen in the largest soil clump. It is unclear at this stage what the silver object is and what its condition is; excavation of the soil block will be necessary.

**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/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 or water 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.

**Post-Conservation Condition/Findings:**

Excavation of the soil revealed three joining pieces of silver as described in the 'Description' section above. Each piece has one finished edge. The two smaller fragments have recent-looking break edges. The larger fragment has two recent-looking break edges and one old-looking break edge. There are a series of deep, old-looking scratches and dents on the underside of the largest fragment; see photographs. The front has widespread old-looking abrasion, patches of purple corrosion product (likely silver chloride) and moderate tarnish (probably from burial). The back has moderate tarnish (probably from burial).

The soil had a little plant matter and a few stones but was otherwise unremarkable.

**Key Features:**

- Three fragments of silver c-sectioned strip
- Distinct, old scratches and dents on underside of largest fragment

**Samples:**

1. soil