

## K1012 Condition Report

**Conservation Started: 24/7/13**

**Conservation Finished: 25/7/13**

**Conservator: Mark Fenn**

**Time Taken:**

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 55mm (W) 11.5mm (H) 8mm (Th. walls) 1.5mm

**Weight before:** 15.61g

**Weight after:** 15.50g

**Catalogue number:** 590

**Digital photography:**

Taken with a Canon EOS digital camera under daylight. Taken before and after.

**Annotation on any of the storage bags or boxes: 80 in a triangle, K1012, 24/7/09, red label with  
“\* Organic Material in Obj (Retain Bag) OSL 22/1/10”**

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

Cast gilt silver channel (helmet crest holder), slightly curved, U-shaped, with three complete and one half hole in bottom, different interlace patterns cast onto outer faces of the two side walls. Two sets of three deeply scratched transverse lines on inside bottom, to outsides of complete holes. Another single line possibly passing through incomplete hole.

**Associated Objects: none**

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

Both ends broken, one at a hole, one bottom corner of other end torn, with sidewall and floor bent outward. Many cracks at bends, including a very deep diagonal one in sidewall. Small step at inside bottom edge of unbent sidewall (no step evident on opposite side or at either side of opposite end). Large amount of crumbly black material inside with soil. Soil also in low areas of interlace on both sidewalls.

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

**Purpose:** Display / Study

**Aim:** Partial cleaning

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

The granular soil on the sides, back and inside ends where there was none of the crumbly black material 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.

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:**

**Key Features:**

**Cast  
gilt**

**Samples:** One bag of soil from all over, labelled sample 1.

**References:**