

## K 1469 Condition Report

**Conservation Started:** 21/5/13

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

**Conservator:** Deborah Magnoler

**Time Taken:** 1 hrs

Including digital photography, report, conservation and packing.

**Dimensions:** L. 11mm; W. 4mm; Th. sheet <0.5mm

**Weight before:** 0.21g

**Weight after:** 0.17g

**Catalogue number:** 681

### **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.

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

Fragment of gold sheet with remains of semi-circular strand of beaded wire attached to it. This could possibly be a fragment of hilt plate with part of a stone or boss setting on it.

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

The object is broken on all sides and the edges appear frayed and torn. There is one short cut and an area of deep abrasion which may have been caused during excavation.

**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 or water was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

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:** An observation of the break edges and the abraded area suggest that the metal underneath the surface might not be as yellow as the one on the surface. This could be a sign of surface enrichment and may need to be investigated further.

**Key features:**

- Remains of beaded wire
- Possible surface enrichment

**Samples:**

None taken –insufficient soil.