

## K1379 Condition Report

**Conservation Started:** 09/05/2013

**Conservation Finished:** 09/05/2013

**Conservator:** Cymbeline Storey

**Time Taken:** 1.25 hours

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 12mm (W) 9mm (D) 3mm (Th. sheet) <0.5mm

**Weight before:** 0.34g

**Weight after:** 0.25g

**Catalogue number:** 682

### **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

Rectangular fragment of plain/undecorated gold, folded in two places.

**Associated Objects:** TBC

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

The object is a fragment with two long, finished edges and two short break edges. It is rectangular but folded twice into a distorted S shape. Unremarkable soil covers ~50% of both sides. Visible surface has many surface abrasions, some old-looking and some recent-looking.

**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.

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 condition of the object is the same as pre-conservation apart from removal of a small amount of soil. The object could possibly be part of a hilt plate (TBC).

**Key Features:**

- Small, plain, rectangular fragment of gold folded twice (possibly part of a hilt plate)

**Samples:**

1. soil