

K1471 Condition Report

Conservation Started: 14/5/2013

Conservation Finished: 14/5/2013

Conservator: Deborah Magnoler

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 8.5mm (W) 3mm (T) <0.25mm

Weight before: 0.11g

Weight after: 0.11g

Catalogue number: 682

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

Plain, flat shard of gold

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

Virtually clean. Except for a small deposit of soil and a light silt. Incomplete, broken on all sides. Multiple micro-scratches on the surface slightly discoloured.

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, cotton wool swabs, cocktail stick,.

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:

See pre conservation condition report

Key Features:

- Plain shard of gold

Samples:

None taken.