

K1540 Condition Report

Conservation Started: 19/3/2013

Conservation Finished: 19/3/2013

Conservator: Deborah Magnoler

Time Taken: 1 hour

Including digital photography, report, conservation and packing.

Dimensions: (L) 10mm (H) 4.5mm (Diam. Hole) 1.5mm

Weight before: 0.86g

Weight after: 0.86g

Catalogue number: 643

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.

Annotation on any of the storage bags or boxes: wet sieved

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Gold, dome shaped rivet or nail cap with a ring of beaded wire around the edge. There is a hole in the centre of the dome

Associated Objects:

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

Virtually soil free, as this object was wet sieved. The surface is discoloured by dark tarnish and there are deposits of a dark material adhering to the inner side of the dome. The underside of the beaded wire is partially abraded, but this damage does not appear fresh. There are nicks and microcratches on the surface that may be due to use or manufacture.

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 outside & inside 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.

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.

Key Features:

- Dome shaped rivet cap
- Beaded wire ring decoration