

K1546 Condition Report

Conservation Started: 21/03/2013

Conservation Finished: 21/03/2013

Conservator: Cymbeline Storey

Time Taken: 2 hours

Including digital photography, report, conservation and packing.

Dimensions: (Diam) 9mm (H) 3.5mm (Diam. Hole) 1.5mm

Weight before: 0.80g

Weight after: 0.77g

Catalogue number: 637

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

Domed gold boss with a two beaded filigree wires around the base (one thick wire at the base and one thin wire immediately above the thick one).

Associated Objects: TBC

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

The boss is convex when viewed from the front. It is bent and has patches of light tarnish and general surface abrasions and dents. There is one round, empty hole in the centre of the boss at the summit of the dome. There is soil and some whitish/purplish material with dark deposits (possibly organic) in the interior. On one side of the object the two filigree wires are bent upward away from the base; they appear to be secure.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Partial cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, 50:50 water/IMS on metals

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.

A storage box padded with white polyethylene foam was made for housing the object.

Post-Conservation Condition/Findings:

There is still some soil and possible organic material inside the object. The gold has general abrasion.

A section of the beaded wire has been pushed upward away from the base of the object; however, it is secure and not in danger of becoming detached.

Key Features:

- Gold, domed boss with two beaded filigree wires around base
- Possible organic material inside object

Samples:

1. soil from interior (contains some possible organic residue)