

K1105 Condition Report

Conservation Started: 14/02/2013

Conservation Finished: 15/02/2013

Conservator: Cymbeline Storey

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 10mm (W) 7mm (D) 6mm (Diam. Hole) 1mm (Th. sheet) <0.5mm

Weight before: 0.79g

Weight after: 0.71g

Catalogue number: 646

Digital photography:

Taken with a Nikon Coolpix 4500 digital camera, under daylight or bulbs and Meiji Techno RZ Stereo microscope with an Infinity 1 camera (with analyses capture software) and fibre optic lights, 7-75x 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 single beaded filigree wire around the base. Attached to a plain gold sheet.

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 light tarnish and general surface abrasions. There is one round, empty hole in the centre of the boss at the summit of the dome. There is soil on the back and interior. There are two deep dents on the side of the dome.

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 inside the object. The gold has general abrasion and light tarnish.

A section of the beaded wire has lifted from the object; however, it is secure and not in danger of becoming detached.

There is a deep gash in the beaded wire near the dents on the dome.

Key Features:

- Gold, domed boss with single beaded filigree wire around base

Samples:

1. soil