

K132 Condition Report

Conservation Started: 15/08/2013

Conservation Finished: 15/08/2013

Conservator: Cymbeline Storey

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 45mm (W) 21mm (Diam) 2mm

Weight before: 3.13g

Weight after: 3.06g

X-ray: L120

Catalogue number: 223

Digital photography:

Taken with a Canon EOS 1100D digital camera under daylight or bulbs and 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

Gold hilt ring; one round gold wire with a very fine beaded wire wrapped around it.

Associated Objects: TBC

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

The object is a broken hilt ring. All of the object is present, but the ring is broken, bent and distorted. One of the break ends is flattened.

There is some wear to the beaded wire, and in one spot the beaded wire is missing, showing a round gold wire as the core wire. In some areas the beaded wire is wrapped around the core wire quite tightly, while in other areas it is looser.

There are a few small clumps of soil on the object and soil embedded between the beaded wire coils.

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

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:

The condition of the object is the same as pre-conservation apart from removal of a small amount of soil.

Key Features:

- Gold hilt ring
- Gold round wire with fine beaded gold wire wrapped around it
- Broken

Samples:

None