

K 1499 Condition Report

Conservation Started: 24/5/13

Conservation Finished: 28/5/13

Conservator: Deborah Magnoler

Time Taken: 0.5 hr

Including digital photography, report, conservation and packing.

Dimensions: (L) 1.3 mm (W) 1.3 mm

Weight before: 0.04g

Weight after: 0.04g

Catalogue number: 654

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.

Gold ringlet of beaded wire with a plain gold strip attached to the inside. Possibly a setting for a stone .or a pin/nail head.

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

Minimal soil deposits. The ringlet is broken and stretched open. One side is more flattened/worn than the other, perhaps indicating where the object was attached to a support. The more defined side features an area of rough surface, possibly abrasion or evidence of soldering. There are very small traces of a green material between the gold beads, perhaps indicating the presence of solder.

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, cotton wool swabs, cocktail stick, Paraloid B72

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 was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

Corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

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 reports

Key features:

- Beaded wire ringlet
- Possible traces of solder

Samples:

None taken – insufficient soil.