

## K1059 Condition Report

**Conservation Started: 25/2/13**

**Conservation Finished: 25/2/13**

**Conservator: Deborah Magnoler**

**Time Taken: 5 hrs**

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 42mm (W) 24mm (D) 2mm

**Weight before:** 4.38g

**Weight after:** 4.20g

**X-ray:** L49

**Catalogue number:** 224

### **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, during and after.

**Annotation on any of the storage bags or boxes: SSH09 BA 1971 1001 M8 sf 153 30/7/09**

**Description:** Visual and microscopic examination using Meiji stereo microscope 7-75x magnification  
Gold ring. The ring is made of a core or round cross-sectioned plain wire wrapped by a strand or strands of beaded wire, coiled around this inner core. The outer beaded wire appear partially unattached from the plain wire core, indicating that it was not soldered onto it through out. An obvious joint is not visible, so it is hard to establish where the wire starts or finishes. A seam is visible on an exposed part of the core wire. (see photomicrographs)

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

Covered in soil. Hole, but distorted. The distortion has caused some of the beaded wire to break and lift off the core wire in three points. One area, appearing more tarnished than the rest, has suffered flattening and deep abrasion.

**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 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 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.

**Post-Conservation Condition/Findings:**

see pre-conservation condition

**Key Features:**

- Ring made of beaded wire coiled around a plain inner wire
- Beaded wire not entirely soldered to inner wire.