K1672 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) 10.5 mm (Diam) 0.4 mm
Weight before: 0.03g
Weight after: 0.03g
Catalogue number: 681

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.
Fragment of fine gold beaded wire

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

Lightly covered in soil. The bend at one end may not be original. Hard, possible corrosion, encrustation between beads. Probably quite brittle.

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 or water 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 condition
Key features:

- Fine beaded wire

Samples:
None taken – insufficient soil.