

K1481 Condition Report

Conservation Started: 04/07/2013

Conservation Finished: 04/07/2013

Conservator: Cymbeline Storey

Time Taken: 2 hours

Including digital photography, report, conservation and packing.

K1481a:

Dimensions: (L) 5mm (W) 2mm (D) 2mm

Weight before: 0.09g

Weight after: 0.09g

X-ray: L100, L103

Catalogue number: 233

K1481b:

Dimensions: (L) 13mm (W) 1.5mm (D) 5.5mm

Weight before: 0.27g

Weight after: 0.26g

X-ray: L64, L103, L121

Catalogue number: 232

Renumbered to K2156

K1481c:

Dimensions: (L) 9mm (W) 1.5mm (D) 1.5mm

Weight before: 0.17g

Weight after: 0.17g

X-ray: L64, L103, L121

Catalogue number: 232

Renumbered to K2156

K1481d:

Dimensions: (L) 11mm (W) 1.5mm (D) 3mm

Weight before: 0.20g

Weight after: 0.20g

X-ray: L64, L103, L121

Catalogue number: 232

Renumbered to K2156

Digital photography:

Taken with 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

K1481a: Fragment of silver gilt beaded wire.

K1481b: Curved fragment of silver gilt wire; ridged on the top and flat on the bottom.

K1481c: Fragment of silver gilt beaded wire.

K1481d: Curved fragment of silver gilt beaded wire.

Associated Objects: TBC

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

K1481a: Fragment of beaded wire with 4 beads, two of which are somewhat flattened. The surface has tarnish (probably from burial) and a little soil. At least one of the break edges looks recent. Some of the gilding is missing.

K1481b: The fragment is curved & flat on one side. The flat side has a small deposit of soil. Some of the gilding is missing, and the surface has moderate tarnish (probably from burial). One of the break edges looks recent.

K1481c: Straight fragment; flattened on one side. The surface has tarnish (probably from burial) and a little soil. Some of the gilding is missing. Both break edges look old.

K1481d: Curved fragment, slightly flattened on one side. The surface has tarnish (probably from burial) and a little soil. Both break edges might be recent. There are a few patches of green corrosion product on the surface.

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.

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.

Post-Conservation Condition/Findings:

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

Key Features:

- Three fragments of silver gilt beaded wire
- One fragment of ridged wire (flat on bottom; ridged on top)

Samples:

None