**K1316 Treatment Report**

**Conservation Started: 06.10.15**
**Conservation Finished: 07.10.15**
**Conservator: Lizzie Miller**
**Time Taken: 2.5 hrs**
Including digital photography, report, conservation and packing.

**Dimensions:** 30.5mm (L) x 8.9mm (W) x 1.6mm (D)
**Weight before:** 2.61g
**Weight after:** 2.56g
**Number of garnets:** 32
**Number of cells with no garnet but backing foil in place:** 9
**Number of cells with no garnet or backing foil:**
**Catalogue number:** 497

**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: none noted**

**Description:** Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

A gold and garnet cloisonné fitting with a triple row of garnets cloisonné along the length.

**Associated Objects:** none noted

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

The object is deformed and distorted. 9 cells are missing garnets leaving the backing foils exposed.

**Treatment:** Carried out using a Meiji stereo microscope
**Purpose:** Display / Analysis
**Aim:** Total cleaning
**Materials**: Soft natural/synthetic brushes, cotton swab, cocktail stick, thorn in pin vice/holder, water on garnets, water/IMS on metals

The original paper K number was removed with acetone to allow the surface to be cleaned. Granular soil on the exterior/interior surface 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 or an air puffer.

The paper K number was adhered to the interior surface with 40% (w/v) Paraloid B72 (ethyl methacrylate copolymer) in acetone, applied with a fine paint brush.

**Post-Conservation Condition/Findings:** some of the exposed foils and garnets may become loose as the soil dries. No consolidation was applied as this might interfere with the interesting paste at the bottom of the cells, which appears to be a mixture of green/blue and black materials.

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**Analysis Undertaken:**

**Samples:**
1 - Soil