

**CAT No. 117- Hilt Collar**  
**K882+ K582**  
**Condition Report**

**Conservation Started: 9/10/2015**  
**Conservation Finished: 13/10/2015**  
**Conservator: Kayleigh Fuller**  
**Time Taken: 2 hours**

Including digital photography, report, conservation and packing.

**Dimensions:** (L)35.5-35.9 mm (W)8.7 mm (T)1.1 mm  
**Weight before:** 2.42g + 2.40g  
**Weight after:** n/a

**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:**

K582, 3 (in a red dot), X-RAY: L37

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

Hilt-collar in gold with all over filigree decoration. Almost complete, found in 2 fragments but now joined torn in half at the panel joins and flattened, some wires missing. Probably from the upper grip. Collar body constructed from two strips of sheet metal, with patches.

**Associated Objects:** K720 is its pair

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

**K882**

Partially covered by a layer of soil. The back and decoration are visible. Part of the plain backing plate is broken and folded back. There are nicks and minor scratches at the back.

**K582**

Long thin and complete trapezoidal gold panel made of two sheets with a join visible on the back. The panel is bent and warped backwards at both ends suggesting it was wrapped around an object. Both ends have evidence of break edges where other panels were attached. Slight warping visible across the length of the panel. Back is bare of decoration but indentations are visible from decorated side. Back is lightly covered in loose and encrusted dirt. The front of the panel is decorated with beaded filigree in a non-zoomorphic pattern. There is a filigree border around the whole panel, one end with a double filigree border. The front surface is heavily covered with loose and encrusted dirt.

**Treatment:** Carried out using a Meiji stereo microscope

**Purpose:** Study

**Aim:** Total cleaning/ Re-assembly

**Materials:** Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, cotton wool swabs, cocktail stick, Paraloid B72 in Acetone, Reemay Polyester netting 30gsm

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.

The paper K number was adhered to the back with HMG brand Paraloid B72 (ethyl methacrylate copolymer) from the tube, applied with a cocktail stick.

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.

**9/10/2015- K. Fuller**

Fragments were joined using 40% w/v Paraloid B72 in Acetone and then supported with polyester netting and 20% w/v Paraloid B72 in Acetone.

**Post-Conservation Condition/Findings:**

See pre-conservation condition

**Key Features:**

- Two halves of hilt collar
- Knot-like linear beaded wire decoration.

**Analysis Undertaken:**

XRF analysis of the object was performed. See document 'KXXX XRF Report'.