

CAT No. 95- Hilt Collar
K684+K1909
Condition Report

Conservation Started: 8/10/2015
Conservation Finished: 9/10/2015
Conservator: K. Fuller
Time Taken: 2.5 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 50.5mm (H)19mm; (Th)1.4mm;
Weight before: 11.94g
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:

n/a

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

K684

Gold, hilt-collar of sheet-metal construction, with filigree decoration; torn open and incomplete (from removal), hence misshapen. Triple-strand, basket-weave (non-zoomorphic), interlace decorates both sides, framed and separated by thicker beaded wires, which also edge the. Filigree shows light wear. X-ray: L35

In two parts when conservation started.

K1909 (was K555b)

Gold Sheet hilt collar Fragment (b)- has the remains of two panels of probably non-zoomorphic interlace (not enough survives to be sure), separated and the fitting bordered by thicker beaded wires.

Associated Objects: n/a

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

Object is very fragile, with only a small section joining the two torn halves together. Wear on some of the filigree sections. Soils coat all surfaces @1mm thick.

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, Reemay Polyester netting 30gsm

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.

The small surface joining section of metal required consolidation to ensure that the two halves do not break apart; Paraloid B72 (ethyl methacrylate copolymer) 10% w/v in acetone was applied with a glass micropipette.

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.

8/10/2015 – K. Fuller

Hilt Collar found in two fragments. They were adhered back together with 40% w/v Paraloid B72 in Acetone and supported with polyester netting adhered with 20% w/v Paraloid B72 in Acetone.

Post-Conservation Condition/Findings:

Object has irregular geometric designs, very fragile along joining surface. Item is an example of less well executed alignment of the beaded wire sections to the backing plate.

Key Features:

- Non-regular geometric filigree
- Gold hilt-collar

Analysis Undertaken:

None

Samples:

See original fragment condition reports