

**CAT No. 52- Pommel  
K284 + K327  
Condition Report**

**Conservation Started:** 06.08.15

**Conservation Finished:** 07.08.15

**Conservator:** Lizzie Miller

**Time Taken:** 3 hours

Including digital photography, report, conservation and packing.

**Dimensions before:**

K284: (L) 44.3mm (W) 21.4mm (D) 12.7mm

K327: (L) 24.0mm (W) 12.3mm (D) 9.2 mm

**Dimensions after:**

K284: (L) 53.3mm (W) 21.8mm (D) 20.8mm

**Weight before:**

K284: 15.11g

K327: 3.95g

**Weight after:** 19.07g

**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

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

K284: Object is a gold pommel cap with foiled cloisonné garnet decoration on the front, back, shoulders, and intact end. The foils have a waffle pattern. The summit of the pommel cap is plain/flat gold, and the bottom is plain/flat gold featuring two apparently empty fastening holes.

The garnet decoration is as follows:

Front: zoomorphic (though what animal is represented is unclear) and geometric (square, rectangle, diamond)

Back: geometric (square, rectangle, tree-shaped, and other geometric shapes)

Shoulders: geometric and mushroom

End: geometric

K327: Object is one end of gold and cloisonné garnet pommel cap K284. It has geometric and zoomorphic (lion?) foiled garnets on the front and geometric garnets on the back and end section.

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

Both parts had been previously cleaned, however a small amount of soil remains. Both parts are bent and distorted. Some cells are empty and some of the garnets are scratched and chipped.

**Purpose:** Display/Analysis/Study

**Aim:** Joining

**Materials:** Soft natural/synthetic brushes, cotton swab, cocktail stick, thorn in pin vice/holder, water on garnets, water/IMS on metals.

Fragment K284 was further cleaned using IMS and cotton wool swabs and a natural thorn in a pin vice.

The two parts were adhered together using 40% Paraloid B-72 in acetone applied using a paintbrush.

**Post-Conservation Condition/Findings:**

**Analysis Undertaken:** n/a

**Samples:**

1. Small piece gold foil from K284 which detached during cleaning.