

K1644 Condition Report

Conservation Started: 5/7/13

Conservation Finished: 5/7/13

Conservator: Deborah Magnoler

Time Taken: 2 hr

Including digital photography, report, conservation and packing.

Catalogue number: 665

Dimensions: **(a)** (L) 2.5mm (Diam) head 3mm (Th) shank 2mm **(b)** (L) 11mm (Diam) head 2mm (Th) shank 1mm **(c)** (L) <10.5mm (Th) shank c. 1mm

Weight before: 0.41 g

Weight after: 0.41g **(a)** 0.08g **(b)** 0.11g **(c)** 0.22g

(K1644b silver rivet renumbered to K2051 catalogue number 673; K1644c two shank fragments renumbered to K2052)

Digital photography:

Taken with a Canon EOS digital camera under daylight bulbs and Photomicrographs taken using Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification.

X-ray: L103

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

Five fragments of silver gilt rivets, comprising: one whole rivet with a round shallow domed head and a square tip. An apparently whole shaft with no head. A square-sectioned shaft fragment, a rivet tip, a broken of dome-shaped head.

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

The objects are virtually clean. The whole rivet is bent. The square –sectioned shaft fragment is also bent.

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, cotton wool swabs, cocktail stick,.

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 was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

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.

Post-Conservation Condition/Findings: see pre-conservation reports.

Key feature:

- Silver gilt: one whole rivet and four rivet fragments.

Samples:

None – insufficient soil.