

K10 Condition Report

Conservation Started: 04/10/11

Conservation Finished:

Conservator:

Time Taken:

Including digital photography, report, conservation and packing.

Dimensions: (L) 24 mm (W) 22 mm (Th) sheet 0.5mm

Weight before: 8.29g

Weight after: 4.83g

Catalogue number: 325

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: on bag: SSH09 1971 (1001) K12 sf 232 31/7/09; on box: sf 232 31/7/09

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Provided by PMAG on 22 September 2011: Gold hilt plate, folded.

Associated Objects: unknown

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

Provided by PMAG on 22 September 2011 : Stable, but area with raised edge more vulnerable. Soil encrusted . impressions of rivet heads visible. Scratch to underside diagonally from central part to outer edge.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Display/ Analysis / Study

Aim: Total cleaning

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

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

Corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

An area of soil/metal/garnet **-specify** required consolidation; Paraloid B72 (ethyl methacrylate copolymer) 10% w/v in acetone was applied.

The paper K number was adhered to the interior surface with HMG brand Paraloid B72 (ethyl methacrylate copolymer) from the tube, applied with a fine paint brush.

A new storage box padded with white polyethylene foam was constructed to house 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:

Analysis undertaken

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

Samples:

1.

References: if applicable