K1521 Condition Report

Conservation Started:18/2/13
Conservation Finished: 18/2/13
Conservator: Deborah Magnoler
Time Taken: 2 hrs
Including digital photography, report, conservation and packing.

K1521 a) retained ascension number
K1521 b) renumbered to K2023, catalogue number 657
K1521 c) renumbered to K2024, catalogue number 673
K1521 d) renumbered to K2025, catalogue number 675

Dimensions: various
a) L. 12.5/18.5mm; Diam. heads 2mm
b) L. 14mm Th. 1mm
c) L. 10/14mm; Diam. heads 2–2.5mm
d) L. 2.5/4/6mm
Total Weight before: 0.98g
Total Weight after: 0.97g
X-rayL L45
Catalogue number: 674

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: wet sieved

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
A collection of 8 pins or pin fragments; Three are whole, made of silver with traces of gilding. One is made of silver with a missing tip. One is made of gold and has a square or broken tip. There are two fragments comprising a domed head and a short part of the stub. One appears to the a broken off tip of a pin with a rectangular cross-section and traces of gilding. All have domed head except for the gold rivet which has a flat one. The shafts are slightly faceted as a result of shaping during manufacture.

Associated Objects:

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

Minor soil deposits on shafts and heads. The longest fragment has a conspicuous amount of what appears to be silver chloride. All the silver pins are tarnished and slightly bent, The gold pin appears to be discoloured by oxidation too.

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,
The granular soil 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 condition

Key Features:

- 7 silver & Ag gilt pins and pin fragments; 1 gold pin
- Gold pin is the only one with a flat head

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