K1489 Condition Report

Conservation Started: 18/02/2013
Conservation Finished: 19/02/2013
Conservator: Cymbeline Storey
Time Taken: 2.25 hours
Including digital photography, report, conservation and packing.
Catalogue number: 673

K1489a:
Dimensions: (L) 16mm (W) 2mm
Weight before: 0.15g
Weight after: 0.15g

K1489b:
Dimensions: (L) 5mm (W) 2mm
Weight before: 0.07g
Weight after: 0.07g

K1489c:
Dimensions: (L) 5mm (W) 2mm
Weight before: 0.04g
Weight after: 0.04g

K1489d:
Dimensions: (L) 14mm (W) 2mm
Weight before: 0.13g
Weight after: 0.13g

K1489e:
Dimensions: (L) 4mm (W) 2mm
Weight before: 0.04g
Weight after: 0.04g

K1489f:
Dimensions: (L) 14mm (W) 2mm
Weight before: 0.13g
Weight after: 0.13g

K1489 b, c and e renumbered to K2019 (30/12/13), catalogue number 675.

Digital photography:
Taken with Keyence VHX-1000 3D digital microscope. Taken before and after.

Annotation on any of the storage bags or boxes: None

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

K1489a: Silver pin with straight shaft and no head.

K1489b: Silver pin with domed head and straight shaft.

K1489c: Silver pin fragment with slightly tapered shaft; both ends are breaks.

K1489d: Silver pin with gilded, domed head, straight shaft and blunt tip.

K1489e: Silver pin with gilded, domed head and broken shaft.

K1489f: Silver pin with gilded, domed head, straight shaft and blunt tip.

Associated Objects: TBC

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

K1489a: The head is missing; the break edge looks old. Tarnished and with copper corrosion and silver chloride corrosion.

K1489b: Broken, bent and tarnished.

K1489c: Fragment with two break edges. Tarnished and with silver chloride corrosion.

K1489d: Slightly bent, with tarnish and silver chloride corrosion.

K1489e: Broken shaft. Tarnished. Major, old-looking dent near head.

K1489f: Tarnished and with silver chloride corrosion. Major, old-looking dent near head.

Treatment: Carried out using a Meiji stereo microscope
Purpose: Study
Aim: Total cleaning
Materials: Soft natural/synthetic brushes, IMS

The granular soil on the front/back was mechanically removed or reduced where possible using a bristle brush moistened with IMS. Corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date. A storage box padded with white polyethylene foam was made for housing the object.

Post-Conservation Condition/Findings:

The condition of the objects is the same as pre-conservation except that the small amount of soil on the surface has been removed.

Key Features:

- Six silver pins or pin fragments, some with gilded heads

Samples:
1. Soil from K1489a (contains some copper corrosion)