

CONSERVATION RECORD SHEET



PROJECT NAME: HAD160		PROJECT CODE: 171090	
RF NO.: <1>	CONTEXT: 2/004	X-RAY No.: 498	
OBJECT NAME: Pin?		MATERIAL: Copper alloy	
CONSERVATOR: EB			

Description / Condition

Covered with light amount of soil, evident copper chloride pitting. The object has a square section shaft, one end flattened. Radiography shows a weak core.

43.5 mm length, 3 mm mx width

Treatment

The soil was gently removed with brushes and swabs immersed in 50:50 solution of water and ethanol. Corrosion products were removed mechanically.

After cleaning, the piece was dehydrated in 100% solution of ethanol, was stabilised in a solution of 3% BTA in ethanol, followed by 5% Paraloid B44 in acetone.

Recommendations

Display / store at a relative humidity of (maximum change of 5 % over a 24hr period)	<35%
Temperature (maximum change of 5°C over a 24hr period)	18°C
Maximum lux level of	Max 75µW lumen
Maximum UV light level of	
Incompatible with	
Other	

Illustration(s)

No before picture available



After

CONSERVATION RECORD SHEET



PROJECT NAME: HAD160		PROJECT CODE: 171090	
RF No.: <2.1>	CONTEXT: 500/002	X-RAY No.: 498	
OBJECT NAME: Cufflink		MATERIAL: Silver	
CONSERVATOR: EB			

Description / Condition

Covered with soil and tarnishing. The object is composed of a silver thin sheet, now irregular in shape, with bent edges. A silver loop is soldered at the back. The sheet is clearly bent and fragile, fine line cracking is particularly evident on the x-ray, as well as IHS stamp within heart or shield. 22 mm x 18 mm x 9 mm height

Treatment

The soil was gently removed with brushes and swabs immersed in 50:50 solution of water and ethanol. Cleaning revealed most of the IHS stamp at the back; the bent sheet that covers part of it was not flattened. Superficial scratching of the upper side also became visible upon cleaning. After cleaning, the piece was dewatered in 100% solution of ethanol, was stabilised in a solution of 3% BTA in ethanol, followed by 5% Paraloid B44 in acetone.

Recommendations

Display / store at a relative humidity of (maximum change of 5 % over a 24hr period)	<35%
Temperature (maximum change of 5°C over a 24hr period)	18°C
Maximum lux level of	Max 75µW lumen
Maximum UV light level of	
Incompatible with	
Other	

Illustration(s)



Before



After

CONSERVATION RECORD SHEET



PROJECT NAME: HAD160		PROJECT CODE: 171090	
RF No.: <2.2>	CONTEXT: 500/002	X-RAY No.: 498	
OBJECT NAME: Cufflink		MATERIAL: Silver	
CONSERVATOR: EB			

Description / Condition
 Circular cuff link, soil on both sides, top part decorated with a raised triangular shaped decorative motif, with central dot and a circle of scored lines around it. The back shows possible evidence of broken loop, with some denser area visible from the radiographic plate. Diam 12.5 mm, height 2.5 mm

Treatment
 The soil was gently removed with brushes and swabs immersed in 50:50 solution of water and ethanol. Upon cleaning the decorative motif was revealed further. Some dark products/paste became evident at the sides of the triangle; these could be silver corrosion products, but also niello. Analysis could confirm its identification. At the back, the possible broken loop was left for later cleaning to be carried out with chemically, since gentle removal of the corrosion product proved to be unsuccessful. After cleaning, the piece was dewatered in 100% solution of ethanol, was stabilised in a solution of 3% BTA in ethanol, followed by 5% Paraloid B44 in acetone.
Note: on 04/09/18 visual analysis has uncovered that the back loop remains are missing. Probably became detached during specialist research

Recommendations

Display / store at a relative humidity of (maximum change of 5 % over a 24hr period)	<35%
Temperature (maximum change of 5°C over a 24hr period)	18°C
Maximum lux level of	Max 75µW lumen
Maximum UV light level of	
Incompatible with	
Other	



Before

After

CONSERVATION RECORD SHEET



PROJECT NAME: HAD160		PROJECT CODE: 171090	
RF No.: <3>	CONTEXT: 12/004	X-RAY No.: 498	
OBJECT NAME: Coin		MATERIAL: Copper alloy	
CONSERVATOR: EB			

Description / Condition

Covered with thin layer of soil and copper corrosion products, mainly dark green carbonates, with small chloride pitting evident on the outer edge. Radiography evidences radiate crown.
Diam. 17.5 mm

Treatment

The pieces were gently cleaning with swabs in 50:50 acetone and water. The fragments recovered might belong to the coin, however, there they could not be re-adhered, since no clear joint was evident. After cleaning, the other two parts were dehydrated in 100% solution of ethanol, immersed in 3% BTA in ethanol, followed by 5% Paraloid B44 in Acetone.

Recommendations

Display / store at a relative humidity of (maximum change of 5 % over a 24hr period)	<35%
Temperature (maximum change of 5°C over a 24hr period)	18°C
Maximum lux level of	Max 75µW lumen
Maximum UV light level of	
Incompatible with	
Other	

Illustration(s)

No before picture available



CONSERVATION RECORD SHEET

**Archaeology
South-East**



PROJECT NAME: HAD160		PROJECT CODE: 171090	
RF NO.: <4>	CONTEXT: 2/004	X-RAY No.: 498	
OBJECT NAME: Unk		MATERIAL: Copper alloy	
CONSERVATOR: EB			

Description / Condition

Unidentified object, semi-circular in shape, no clear true edge, covered with soil and dark green copper carbonates. Pitting of copper chloride products visible on both surfaces. Radiography shows a weak metallic core with possible casting voids, as well as thickening of t48 mm x 35 mm

Treatment

The soil was gently removed with brushes and swabs immersed in 50:50 solution of water and ethanol. Corrosion products were removed mechanically. Upon cleaning, some scratches on one side became visible. These seem to be left-over from production. In addition, the central thicker area was evidenced by cleaning, but no further information could be obtained regarding its function.

After cleaning, the piece was dewatered in 100% solution of ethanol, was stabilised in a solution of 3% BTA in ethanol, followed by 5% Paraloid B44 in acetone.

Recommendations

Display / store at a relative humidity of (maximum change of 5 % over a 24hr period)	<35%
Temperature (maximum change of 5°C over a 24hr period)	18°C
Maximum lux level of	Max 75µW lumen
Maximum UV light level of	
Incompatible with	
Other	

Illustration(s)

No before picture available



CONSERVATION RECORD SHEET



PROJECT NAME: HAD160		PROJECT CODE: 171090	
RF No.: <10>	CONTEXT: 27/002	X-RAY No.: 588	
OBJECT NAME: Coin		MATERIAL: Copper alloy	
CONSERVATOR: EB			

Description / Condition

Coin, covered with thick layer of soil and some corrosion products, otherwise in good conditions and quite legible. However, cleaning is recommended for a more detailed interpretation

Radiography: good metal core

Gentle cleaning with swabs/small in 50:50 acetone and water. Dewatered in 100% solution of ethanol, immersed in 3% BTA in ethanol for 24 hours, immersed in 5% Paraloid B44 in Acetone.

Display / store at a relative humidity of (maximum change of 5 % over a 24hr period)	<35%
Temperature (maximum change of 5°C over a 24hr period)	18°C
Maximum lux level of	Max 75µW lumen
Maximum UV light level of	
Incompatible with	
Other	

Illustration(s)



Before



After