

ANCIENT MONUMENTS LABORATORY

REPORT

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AUTHOR D F Williams Sept 1982

TITLE Petrological analysis of Samian ware
 from Canterbury

400 100

PETROLOGICAL ANALYSIS OF SAMIAN WARE FROM CANTERBURY

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Introduction

Five sherds of samian from Canterbury were submitted for thin sectioning and study under the petrological microscope as part of a current programme of petrological analysis of arretine and early samian. Comparison with material attributable to the main arretine and early samian production centres (Williams, 1978), and other sectioned sherds, allowed the following comments to be made.

Results

1. 1166 & 1179

Similarities in texture to Arezzo products.

2. 118, 456 & 192

Similarities in texture to Montans products.

3/4. 117 and 4-11

Similarities in texture to material attributable to the Argonne region.

5. 1269

Difficult to parallel in the material so far examined.

Reference

- Williams, D.P. (1978) 'Petrological analysis of arretine and early samian: a preliminary report', in Arthur, P. and Marsh, G. (eds.), Early Fine Wares in Roman Britain BAR 57 (1978), 5-12.

DMK Report 3/59.
copy sent to lab via LB.

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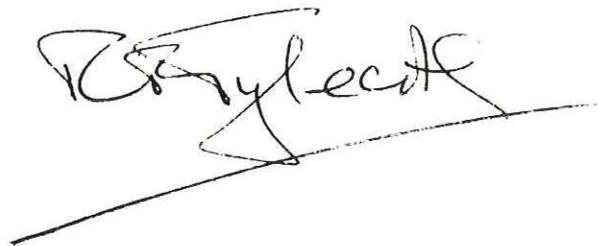
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F115

Piece of bloom from GL 78. ~~118.~~ Glastonbury.

A piece was cut from this by RC or LB and mounted and ^{etc} polished in the usual way. This consisted almost entirely of medium grain size ferrite with a hardness of 93 HV1 which indicates that it is derived from a pure iron ore free of phosphorus. The metal was dense and was well forged leaving less than 5% slag, pores and rust. The slag is single phase with no wustite.



Mount 458 Sept. 4th 1982