

SITE GPR	YEAR 2009	AREA B	SECTOR	ELEVATION Min: 63.41 Max: 63.68	STRATIGRAPHICAL UNIT 1023 <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Anthropic	 University of Waterloo Gabii Project
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In cross-section?  Yes  No      In elevation drawing?  Yes  No      Photos:  Yes  No #: 107, 108      Photo Model:  Yes  No #:

DEFINITION: **PASTER/MORTAR SPREAD**  
 Covered by  SU: 1016      Fills  SU:      Filled by  SU:

HOW IS LAYER DISTINGUISHED?  
 Color  Composition  Compaction

FORMATION PROCESS  
 Accumulation  Construction  Cutting  Erosion  Collapse  Intentional deposition

INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are

<b>Anthropic</b>	<b>Geological</b>	<b>Organic</b>	<b>SOIL/MATRIX</b>				
<input checked="" type="checkbox"/> Pottery m <input checked="" type="checkbox"/> Tiles m <input type="checkbox"/> Amphorae <input type="checkbox"/> Dolia <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Mortar <input type="checkbox"/> Coins <input checked="" type="checkbox"/> Metal (specify) m <input type="checkbox"/> Collapse debris <input type="checkbox"/> Glass <i>unidentified iron</i>	<input type="checkbox"/> Nails (m) <input type="checkbox"/> Marble <input type="checkbox"/> Quarried debris <input type="checkbox"/> Slag <input type="checkbox"/> Brick <input type="checkbox"/> Basalt slabs <input type="checkbox"/> Opus signinum <input type="checkbox"/> Painted plaster <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Other (specify)	<input type="checkbox"/> Tufo (specify) <input type="checkbox"/> Travertine <input type="checkbox"/> Other Limestone <input type="checkbox"/> Basalt <input type="checkbox"/> Clay <input type="checkbox"/> Sand <input type="checkbox"/> Silt <input type="checkbox"/> Pebbles (range) <input type="checkbox"/> Gravel (range)	clay 30% silt 70% sand ___% <input checked="" type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive  <table border="1"> <tr> <td><b>Compaction</b></td> <td><b>Color</b></td> </tr> <tr> <td> <input type="checkbox"/> Hard  <input type="checkbox"/> Compact  <input checked="" type="checkbox"/> Friable  <input type="checkbox"/> Loose  <input type="checkbox"/> Soft               </td> <td> <input type="checkbox"/> Black <input type="checkbox"/> Brown  <input type="checkbox"/> Gray <input type="checkbox"/> Light Brown  <input type="checkbox"/> Light Gray <input type="checkbox"/> White  <input type="checkbox"/> Yellow <input type="checkbox"/> Red  <input type="checkbox"/> Light Yellow  <input checked="" type="checkbox"/> Other (specify) CREAMY BROWN               </td> </tr> </table>	<b>Compaction</b>	<b>Color</b>	<input type="checkbox"/> Hard <input type="checkbox"/> Compact <input checked="" type="checkbox"/> Friable <input type="checkbox"/> Loose <input type="checkbox"/> Soft	<input type="checkbox"/> Black <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Light Brown <input type="checkbox"/> Light Gray <input type="checkbox"/> White <input type="checkbox"/> Yellow <input type="checkbox"/> Red <input type="checkbox"/> Light Yellow <input checked="" type="checkbox"/> Other (specify) CREAMY BROWN
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UNIT LIMITS (also indicate on overlay)

Northern Limit  Original  Not Original  Excavation Limit      Depth:  Original  Not Original

Southern Limit  Original  Not Original  Excavation Limit

Western Limit  Original  Not Original  Excavation Limit

Eastern Limit  Original  Not Original  Excavation Limit

STRATIGRAPHICAL SEQUENCE

Is equal to:      Is bound to (only for masonry):

Is abutted by:      Abuts:

Is covered by: 1016      Covers: 1032

Is cut by:      Cuts:

Is filled by:      Fills:

OBSERVATIONS  
 excavated over 2 very dry sunny days with skin pick axeing and trowel; loose white clumps of mortar dispersed white powder across SU because of stamping and days of rain exposure.

DESCRIPTION  
 Position within sector: EASTERN PART OF AREA B  
 Shape: IRREGULAR


For layers complete this section:

Surface (slope direction, visible inclusions): SLIGHT SLOPE TO SOUTH.

Observations about inclusions (Clusters? Deposition slope): LARGE CLUMPS OF MORTAR DISPERSED THROUGHOUT LAYER. PLASTER CONCENTRATED ESPECIALLY ON EAST SIDE, BUT FOUND THROUGHOUT.

Observations about thickness (Increases? Decreases?): RUBBLE CONCENTRATION IN CENTRE OF SU. SU AND THINS OUT ALONG EDGES. DEPTH (CONCENTRATION) OF MORTAR THICKER IN THE MIDDLE OF

Nature of the interface with layer below:  sharp  diffuse  commingled  other (specify)

<p>For cuts complete this section:</p> <p>Cut edges: <input type="checkbox"/> rounded <input type="checkbox"/> straight</p> <p>Cut sides: <input type="checkbox"/> straight <input type="checkbox"/> concave <input type="checkbox"/> convex <input type="checkbox"/> sloping</p> <p>Cut bottom: <input type="checkbox"/> flat <input type="checkbox"/> concave <input type="checkbox"/> irregular</p> <p>How is cut top edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded</p> <p>How is cut bottom edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded</p> <p>Observations:</p>	<p>Sketch for layers and/or cuts (indicate North):</p>  <p>Legend:        m mortar        P plaster        r rubble        s mortar stones</p>
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**For structural remains complete this section**

Alignment: *all*

Building Technique:  Adobe/Mud-brick  Ashlar (blocks)  irregular (unworked) stone  Concrete  Other (specify)

Binding Agent:  None  Clay  Mortar (if so, specify composition, color, compaction)

Concrete inclusions:

Material  Tufo  Basalt  Travertine  Tiles  Other (specify)  
 Size  Small (range) \_\_\_\_\_  Medium (range) \_\_\_\_\_  Large (range) \_\_\_\_\_ Representative size: e.g. 2 x 1 x 2 cmz

Wall Facing:

Opus quadratum  Opus incertum  Opus reticulatum  Petit appareil  Opus testaceum  Opus mixtum  Opus vittatum  Other (specify)

Complete this section for foundations  Faced foundation  Wooden shuttering  No shuttering

floor/revetment type

Floor type:  Beaten Earth  Opus signinum  Opus scutulatum  Opus Sectile  Mosaic  Opus spicatum  Other (specify)

Wall finishing  Stucco  Opus signinum  Plaster  Painted Plaster  Other (specify)

Approx. length, width, height of structural remains:

Description:

Sketch (if applicable, indicate North)

**INTERPRETATION**

POORLY DEFINED MORTAR RICH SPREAD, LENSING OUT AT EDGES, THOUGHT TO DERIVE FROM A PROCESS OF ALLUVIAL WASH, AS IT DOES NOT APPEAR TO HAVE ERODED FROM ANY UNDERLYING STRUCTURE.

PARTLY OVERLAIN BY DEPOSIT 1016, AND DEFINING A DEPOSITIONAL BREAK IN SILTINE ACCUMULATION ACROSS EASTERN PART OF AREA B.

SOIL SAMPLING:  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

NON SOIL SAMPLES:  Yes  No

If yes, specify (e.g. charcoal, mortar etc.):

Size:

SIEVING:  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

STRATIGRAPHICAL RELIABILITY

Good  Fair  Poor

Filled-out by	<i>LB</i>	on	<i>10.07.09</i>
Revised by		on	
PDFd by		on	
Entered by		on	

