

SITE GPR	YEAR 2012	AREA D	SECTOR	ELEVATION Min: 62.100 Max: 61.384	STRATIGRAPHICAL UNIT 3188 <input type="checkbox"/> Natural <input type="checkbox"/> Anthropic	University of Michigan Water Resources Department Gabii Project
In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Photos: <input type="checkbox"/> Yes <input type="checkbox"/> No #: 491-492		Photo Model: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #:
DEFINITION Gray silt layer E. of walls 3096 & 3031			Covered by <input checked="" type="checkbox"/> SU: 3082		Fills <input type="checkbox"/> SU:	Filled by <input type="checkbox"/> SU:
HOW IS LAYER DISTINGUISHED? <input checked="" type="checkbox"/> Color <input type="checkbox"/> Composition <input type="checkbox"/> Compaction			FORMATION PROCESS <input checked="" type="checkbox"/> Accumulation <input type="checkbox"/> Construction <input type="checkbox"/> Cutting <input type="checkbox"/> Erosion <input type="checkbox"/> Collapse <input type="checkbox"/> Intentional deposition			
INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are					SOIL/MATRIX	
Anthropic		Geological		Organic		clay 0% silt 80% sand 20%
<input checked="" type="checkbox"/> Pottery M <input type="checkbox"/> Tiles <input checked="" type="checkbox"/> Amphorae R <input type="checkbox"/> Dolia <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Mortar <input type="checkbox"/> Coins <input type="checkbox"/> Metal (specify) <input type="checkbox"/> Collapse debris <input type="checkbox"/> Glass		<input checked="" type="checkbox"/> Tufo (specify) R 1000 <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)		<input checked="" type="checkbox"/> Charcoal R <input type="checkbox"/> Ash <input checked="" type="checkbox"/> Animal bones R <input type="checkbox"/> Human bones <input checked="" type="checkbox"/> Animal teeth R <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)		<input type="checkbox"/> Granular <input checked="" type="checkbox"/> Layered <input type="checkbox"/> Cohesive
					Compaction	
					Color	
					<input type="checkbox"/> Hard <input type="checkbox"/> Compact <input checked="" type="checkbox"/> Friable <input type="checkbox"/> Soft	
					<input type="checkbox"/> Black <input type="checkbox"/> Brown <input checked="" 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 type="checkbox"/> Other (specify)	
UNIT LIMITS (also indicate on overlay)						
Northern Limit		<input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit			Depth: <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original	
Southern Limit		<input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit				
Western Limit		<input type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit				
Eastern Limit		<input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit				
STRATIGRAPHICAL SEQUENCE						
Is equal to:			Is bound to (only for masonry):			
Is abutted by:			Abuts: 3031, 3096			
Is covered by: 3004			Covers: 3201, 3202, 3209, 3205			
Is cut by:			Cuts:			
Is filled by:			Fills:			
OBSERVATIONS excavated by trowel and pick axe on 18/7/12.						
DESCRIPTION Position within sector: West center of Area D, W of room 2 Shape: rectangular						
For layers complete this section:						
Surface (slope direction; visible inclusions): NO visible slope, few rock inclusions						
Observations about inclusions (Clusters? Deposition slope): The S part of the SU had more rocky inclusions and pottery						
Observations about thickness (Increases? Decreases?): Thickness increases N → S						
Nature of the interface with layer below: <input type="checkbox"/> sharp <input type="checkbox"/> diffuse <input type="checkbox"/> commingled <input type="checkbox"/> other (specify)						
For cuts complete this section:			Sketch for layers and/or cuts (indicate North):			
Cut edges: <input type="checkbox"/> rounded <input type="checkbox"/> straight						
Cut sides: <input type="checkbox"/> straight <input type="checkbox"/> concave <input type="checkbox"/> convex <input type="checkbox"/> sloping						
Cut bottom: <input type="checkbox"/> flat <input type="checkbox"/> concave <input type="checkbox"/> irregular						
How is cut top edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded						
How is cut bottom edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded						
Observations:						

||||| ||||| ||||| ||||| ||||| |||||

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For structural remains complete this section

Alignment:

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

Thin and compact gray silty layer on top of a brown layer. The nature of the layer changes in relation to the phases of the walls abutting it. The southern half of the SU was thicker and more compact.

SOIL SAMPLING: Yes No

Total volume of layer (buckets): 28

Sample quantity (buckets): 2

Sample fraction (%): ~7%

NON SOIL SAMPLES: Yes No

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

charcoal

Size: *small*

SIEVING: Yes No

Total volume of layer (buckets): 28

Sample quantity (buckets): 26

Sample fraction (%): ~93%

STRATIGRAPHICAL RELIABILITY

Good Fair Poor

Filled-out by *Sabian H.*

on *19-7-12*

Revised by *JME*

on *23-7-12*

PDFd by *OP*

on *24-7-12*

Entered by *JH*

on *29-7-12*