

SITE GPR	YEAR 2010	AREA A	SECTOR	ELEVATION	STRATIGRAPHICAL UNIT
				Min: 64.5316 Max: 64.8034	444 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropropic

In cross-section? Yes No In elevation drawing? Yes No Photos: Yes No #: 1046-48 Photo Model: Yes No #:

DEFINITION
Compact surface beneath 427

Covered by SU: 427 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

Anthropic	Geological	Organic	SOIL/MATRIX														
<input checked="" type="checkbox"/> Pottery M <input checked="" type="checkbox"/> Nails R <input checked="" type="checkbox"/> Tiles M <input type="checkbox"/> Marble <input type="checkbox"/> Amphorae <input type="checkbox"/> Quarried debris <input type="checkbox"/> Dolia <input type="checkbox"/> Slag <input type="checkbox"/> Brick <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Basalt slabs <input type="checkbox"/> Mortar <input type="checkbox"/> Opus signinum <input type="checkbox"/> Coins <input type="checkbox"/> Painted plaster <input checked="" type="checkbox"/> Metal (specify) bronze, AD 1 R <input type="checkbox"/> Collapse debris iron <input type="checkbox"/> Glass <input type="checkbox"/> Other (specify)	<input checked="" type="checkbox"/> Tufo (specify) f: brown w/ white specks, grey, red <input checked="" type="checkbox"/> Travertine m-f grey, red <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 M <input type="checkbox"/> Human bones <input checked="" type="checkbox"/> Animal teeth M <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input checked="" type="checkbox"/> Other (specify) olive pit R	clay 50% silt 50% sand ___% <input type="checkbox"/> Granular <input type="checkbox"/> Layered <input checked="" type="checkbox"/> Cohesive <table border="1"> <thead> <tr> <th>Compaction</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Hard</td> <td><input type="checkbox"/> Black <input checked="" type="checkbox"/> Brown</td> </tr> <tr> <td><input checked="" type="checkbox"/> Compact</td> <td><input checked="" type="checkbox"/> Gray <input type="checkbox"/> Light Brown</td> </tr> <tr> <td><input type="checkbox"/> Friable</td> <td><input type="checkbox"/> Light Gray <input type="checkbox"/> White</td> </tr> <tr> <td><input type="checkbox"/> Loose</td> <td><input type="checkbox"/> Yellow <input type="checkbox"/> Red</td> </tr> <tr> <td><input type="checkbox"/> Soft</td> <td><input type="checkbox"/> Light Yellow</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Other (specify)</td> </tr> </tbody> </table>	Compaction	Color	<input type="checkbox"/> Hard	<input type="checkbox"/> Black <input checked="" type="checkbox"/> Brown	<input checked="" type="checkbox"/> Compact	<input checked="" type="checkbox"/> Gray <input type="checkbox"/> Light Brown	<input type="checkbox"/> Friable	<input type="checkbox"/> Light Gray <input type="checkbox"/> White	<input type="checkbox"/> Loose	<input type="checkbox"/> Yellow <input type="checkbox"/> Red	<input type="checkbox"/> Soft	<input type="checkbox"/> Light Yellow		<input type="checkbox"/> Other (specify)
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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: 427	Covers: 452, 451, 456
Is cut by: 443, 426	Cuts:
Is filled by:	Fills:

OBSERVATIONS
 Δ204 Bronze Loop

DESCRIPTION
 Position within sector: Central part of Area A
 Shape: Rectangular

For layers complete this section:

Surface (slope direction: visible inclusions): slight SW slope; visible inclusions: tufo (brown w/ white specks, grey, red), travertine, tile, some pottery, charcoal, bone

Observations about inclusions (Clusters? Deposition slope): patch of red tufo, bone & charcoal in NE corner

Observations about thickness (Increases? Decreases?): hole in surface - thought to be a cut initially, determined not to be a cut even thickness throughout

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>
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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

- 3 possibilities: ① layer that has been hardened by use ^{of the floor surface (427)} above it - most likely
 ② layer intentionally compacted in preparation for the floor above (preparation surface)
 ③ an actual floor surface - but layer above did not easily peel off so this possibility is less likely

It seems most likely that this layer is a natural layer that was compacted by the construction and use of the battuto floor surface above (427), but the other two possibilities listed above remain.

SOIL SAMPLING: Yes No

Total volume of layer (buckets): 114

Sample quantity (buckets): 2

Sample fraction (%): 1.8%

NON SOIL SAMPLES: Yes No

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

charcoal

Size:

SIEVING: Yes No

Total volume of layer (buckets): 114

Sample quantity (buckets): 112

Sample fraction (%): 98.2%

STRATIGRAPHICAL RELIABILITY

Good Fair Poor

Filled-out by Emma Sachs

on 23 July 2010

Revised by J. Sewell

on 27.7.2010

PDFd by JJM

on 28/7/2010

Entered by

on