

SITE GPR	YEAR 2011	AREA E	SECTOR	ELEVATION Min: 66.206 Max: 66.322	STRATIGRAPHICAL UNIT 4036 <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Anthropic	
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In cross-section? Yes No In elevation drawing? Yes No Photos: Yes No #: 2232-33 Photo Model: Yes No #:

DEFINITION compact light brown area under 4020 in the area of the road Covered by SU: 4020 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			SOIL/MATRIX clay 10% silt 90% sand ___% <input type="checkbox"/> Granular <input type="checkbox"/> Layered <input checked="" type="checkbox"/> Cohesive	
Anthropic	Geological	Organic	Compaction	
<input checked="" type="checkbox"/> Pottery M <input checked="" type="checkbox"/> Nails M <input checked="" type="checkbox"/> Tiles M <input type="checkbox"/> Marble <input checked="" type="checkbox"/> Amphorae R <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) <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Collapse debris <input type="checkbox"/> Other (specify) <input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Tufo (specify) M <input checked="" type="checkbox"/> Travertine R <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 M <input type="checkbox"/> Ash <input checked="" type="checkbox"/> Animal bones M <input type="checkbox"/> Human bones <input type="checkbox"/> Animal teeth <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)	Color	
			<input type="checkbox"/> Hard <input type="checkbox"/> Black <input checked="" type="checkbox"/> Brown <input type="checkbox"/> Compact <input type="checkbox"/> Gray <input type="checkbox"/> Light Brown <input checked="" 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)	

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: 4010, 4011
Is covered by: 4020	Covers:
Is cut by:	Cuts:
Is filled by:	Fills:

OBSERVATIONS Very compact and light brown layer, lies between basalt-lined road in South (4010) and observed glauconite/road preparation in North, a few basalt and tufo/crushed tufo inclusions, extends into gap of wall 4011 + most likely continued past excavation limit into Area C

DESCRIPTION
 Position within sector: South/West of Area E in road area
 Shape: irregular

For layers complete this section:
 Surface (slope direction; visible inclusions): Slopes southward, consistent w/ natural slope of site
 Observations about inclusions (Clusters? Deposition slope): Minimal inclusions, a couple small tufo, basalt, and tile
 Observations about thickness (Increases? Decreases?): uniform thickness, ~6-9 cm 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 bottoms: <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>X = tile inclusion O = small tufo and basalt inclusions</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

A fairly compact brown layer with small tufa inclusions in the area of the road, directly north of where the basalt paving stones disappear in south part of Area E. Directly underneath this layer several tufa inclusions became prominent, which most likely indicates a preparation layer ^{or destruction level} for the road. It appears to be an accumulation layer which has covered and coningled with the possible road preparation layer underneath it

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.):

charcoal

Size:

SIEVING: Yes No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

STRATIGRAPHICAL RELIABILITY

Good Fair Poor

Filled-out by *JE*

on 25/7/2011

Revised by *JE*

on

PDFd by *ECR*

on 28/7/2011

Entered by

on