

SITE GPR	YEAR 2011	AREA E	SECTOR	ELEVATION Min: 61.525 Max: 61.858	STRATIGRAPHICAL UNIT 4015 <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Anthropic	
				In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

DEFINITION silty sand light brown layer under 4005 in room 3	Covered by <input checked="" type="checkbox"/> SU: 4005	Fills <input type="checkbox"/> SU: N/A	Filled by <input type="checkbox"/> SU:
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HOW IS LAYER DISTINGUISHED? <input checked="" type="checkbox"/> Color <input type="checkbox"/> Composition <input checked="" type="checkbox"/> Compaction	FORMATION PROCESS <input type="checkbox"/> Accumulation <input type="checkbox"/> Construction <input type="checkbox"/> Cutting <input type="checkbox"/> Erosion <input type="checkbox"/> Collapse <input type="checkbox"/> Intentional deposition
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INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are			SOIL/MATRIX clay 0% silt 95% sand 5%
Anthropic <input checked="" type="checkbox"/> Pottery f <input checked="" type="checkbox"/> Tiles f <input type="checkbox"/> Amphorae <input checked="" type="checkbox"/> Dolia m <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Mortar <input checked="" type="checkbox"/> Coins r <input checked="" type="checkbox"/> Metal (specify) r <input checked="" type="checkbox"/> Collapse debris m <input checked="" type="checkbox"/> Glass m	Geological <input checked="" type="checkbox"/> Tufo (specify) f <input checked="" type="checkbox"/> Travertine M <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)	Organic <input checked="" type="checkbox"/> Charcoal m <input type="checkbox"/> Ash <input checked="" type="checkbox"/> Animal bones f <input checked="" type="checkbox"/> Human bones <input checked="" type="checkbox"/> Animal teeth M <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 <input type="checkbox"/> Hard <input checked="" type="checkbox"/> Compact <input type="checkbox"/> Friable <input type="checkbox"/> Loose <input type="checkbox"/> Soft
			Color <input type="checkbox"/> Black <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input checked="" 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)	Depth: <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original
Northern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit	
Southern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit	
Western Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit	
Eastern Limit <input type="checkbox"/> Original <input type="checkbox"/> Not Original <input checked="" type="checkbox"/> Excavation Limit	

STRATIGRAPHICAL SEQUENCE	Is equal to: 4014, 4020	Is bound to (only for masonry):
	Is abutted by: 4005, 4021, 4023	Abuts: 4026, 4027, 4028
	Is covered by: SU 4005	Covers: 4021, 4022, 4024, 4025
	Is cut by: 4026	Cuts:
	Is filled by:	Fills:

OBSERVATIONS: Rocky inclusions (mostly tufo) light brown silt, covers entirety of room 3, may cover W wall (4023) E side of SU is silty white to west, transitions to a sandy clay  
 Δ384 found btw 2 walls in the SU (4024 + 4025) Δ385 found near road retaining wall (4023) and S (4008)

DESCRIPTION	Position within sector: East central of area E a long excavation limit (room 3)
Shape:	Rectangular

For layers complete this section:  
 Surface (slope direction; visible inclusions): Several large tub inclusions including possible wall collapse. Natural downward slope consistent w/ rest of site (towards S)  
 Observations about inclusions (Clusters? Deposition slope): a few clusters as well as large tub inclusions, one possible wall collapse with tubs + basalt  
 Observations about thickness (Increases? Decreases?): layer thickness follows surface of rocks that it covers (thicker in some parts, more shallow in others)  
 Nature of the interface with layer below:  sharp  diffuse  commingled  other (specify)

For cuts complete this section: 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:	Sketch for layers and/or cuts (indicate North): 
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TO: TOPO

**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**

The layer consists not only of colluvial deposits but also <sup>covers</sup> debris from obliterated structures, particularly material from the collapse of the N, W and S walls inwards. The debris is then covered by the same layer of deposited soil which is layer 4015. 4015 + 4014, in the 2<sup>nd</sup> + 3<sup>rd</sup> rooms from the N, seem to be part of the same large colluvial deposit which covered the destruction of the walls in this area. The layer may continue further S as SU 4020. Two collapses (4021 + 4022) + a linear spread of rubble that may be a collapse (4024) were revealed by the excavation of 4015. After removal of wall 4008, we discovered a construction cut (4026) that cut 4015 on the S +

SOIL SAMPLING:  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets): 2

Sample fraction (%):

NON SOIL SAMPLES:  Yes  No

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

charcoal

Size: max. 2cm diam.

SIEVING:  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

layer 4020, which seems to be equal to 4015.

**STRATIGRAPHICAL RELIABILITY**

Good  Fair  Poor

Filled-out by DAT, CE, JR

on 18/9/11

Revised by E. Adkins

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PDFd by ECR

on 28.7.2011

Entered by

on