

SITE GPR	YEAR 2011	AREA E	SECTOR	ELEVATION Min: 61.450 Max: 61.693	STRATIGRAPHICAL UNIT 4021 <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 #: 2205-06 Photo Model: Yes No #: 278

DEFINITION
N-S Linear spread of tufo rubble w of 4022

Covered by
X SU: 4015

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 F <input checked="" type="checkbox"/> Nails R <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 checked="" type="checkbox"/> Mortar R <input type="checkbox"/> Opus signinum <input type="checkbox"/> Coins <input type="checkbox"/> Painted plaster <input type="checkbox"/> Metal (specify) <input type="checkbox"/> Burnt Adobe <input checked="" type="checkbox"/> Collapse debris <input type="checkbox"/> Other (specify) <input type="checkbox"/> Glass	<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 checked="" type="checkbox"/> Silt F <input type="checkbox"/> Pebbles (range) <input type="checkbox"/> Gravel (range)	<input type="checkbox"/> Charcoal <input type="checkbox"/> Ash <input checked="" type="checkbox"/> Animal bones R <input type="checkbox"/> Human bones <input type="checkbox"/> Animal teeth <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)	clay 5% silt 93% sand 2% <input checked="" type="checkbox"/> Granular <input type="checkbox"/> Layered <input 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 type="checkbox"/> Compact</td> <td><input 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 checked="" 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 type="checkbox"/> Compact	<input type="checkbox"/> Gray <input type="checkbox"/> Light Brown	<input type="checkbox"/> Friable	<input type="checkbox"/> Light Gray <input type="checkbox"/> White	<input checked="" 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: 4022 Is bound to (only for masonry):

Is abutted by: Abuts:

Is covered by: 4015 Covers: 4023, 4007

Is cut by: Cuts:

Is filled by: Fills:

OBSERVATIONS
Tufo blocks appear to be arranged in a fairly linear fashion, esp. west end of SU, where retaining wall seems to have been robbed out.

DESCRIPTION
Position within sector:
Shape: Central area E, slightly east of road
Roughly linear

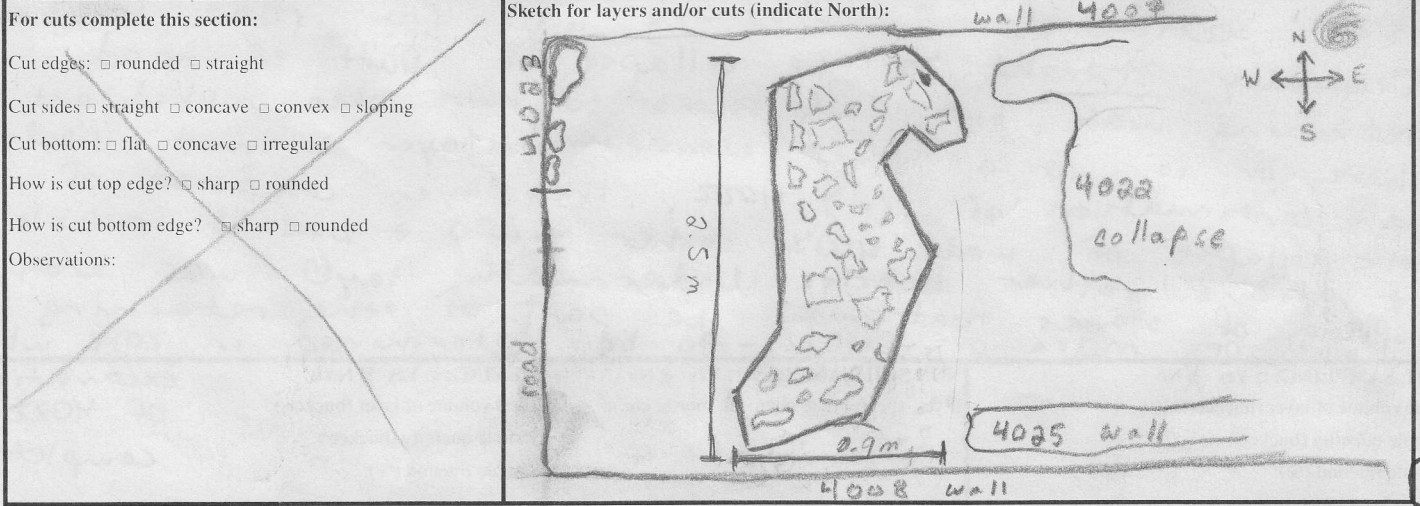
For layers complete this section:

Surface (slope direction: visible inclusions): slopes downwards towards south & east; layer composed of tufo rubble.

Observations about inclusions (Clusters? Deposition slope): Big rocks, pieces of pottery - Spread homogeneously thru layer

Observations about thickness (Increases? Decreases?): Thicker on North + west, decreases on East

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



tufo
* = travertine

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

Linear spread of tufo rubble in silty soil mixed with some tile, pottery, + bone. Located just E of road + S of section of E retaining wall for road 4023. Originally thought to be collapse of part of road retaining wall, but wall seems to have been robbed out here or is at a lower elevation. Layer is most likely a continuation of (=) 4022, the layer composed of the collapse of wall 4007 other tufo + basalt rubble, + various other debris. Underneath layer was another spread of stones that may be part of the retaining wall or more of 4022 - to be determined in 2012 when excavation of 4022 is completed.

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 (%):

excavation of 4022 is completed.

STRATIGRAPHICAL RELIABILITY

Good Fair Poor

Filled-out by	Julian, Jacob	on	29. 7. 2011
Revised by	E. Adkins	on	2. 8. 2011
PDFd by	BCR	on	3. 8. 2011
Entered by		on	