

SITE	YEAR	AREA	SECTOR	ELEVATION	STRATIGRAPHICAL UNIT
GPR	11	E		Min: 61.421 Max: 61.987	4022 <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Anthropic

In cross-section?  Yes  No  
 In elevation drawing?  Yes  No  
 Photos:  Yes  No #: 2209-11  
 Photo Model:  Yes  No #: 279

**DEFINITION**  
 Silty layer with numerous tufo + basalt rubble + tile inclusions

Covered by  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
<input checked="" type="checkbox"/> Pottery M <input checked="" type="checkbox"/> Tiles F <input checked="" type="checkbox"/> Amphorae R <input checked="" type="checkbox"/> Dolia R <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Mortar <input type="checkbox"/> Coins <input checked="" type="checkbox"/> Metal (specify) Bronze <input type="checkbox"/> Collapse debris <input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Tufo (specify) F <input checked="" type="checkbox"/> Travertine R <input type="checkbox"/> Other Limestone <input checked="" type="checkbox"/> Basalt M <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 F <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)

**SOIL/MATRIX**  
 clay 0% silt 95% sand 5%  
 Granular  Layered  Cohesive

Compaction	Color
<input type="checkbox"/> Hard <input type="checkbox"/> Compact <input type="checkbox"/> Friable <input checked="" type="checkbox"/> Loose <input type="checkbox"/> Soft	<input type="checkbox"/> Black <input checked="" type="checkbox"/> Brown <input type="checkbox"/> Gray <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  Original  Not Original  Excavation Limit  
 Southern Limit  Original  Not Original  Excavation Limit  
 Western Limit  Original  Not Original  Excavation Limit  
 Eastern Limit  Original  Not Original  Excavation Limit

Depth:  Original  Not Original

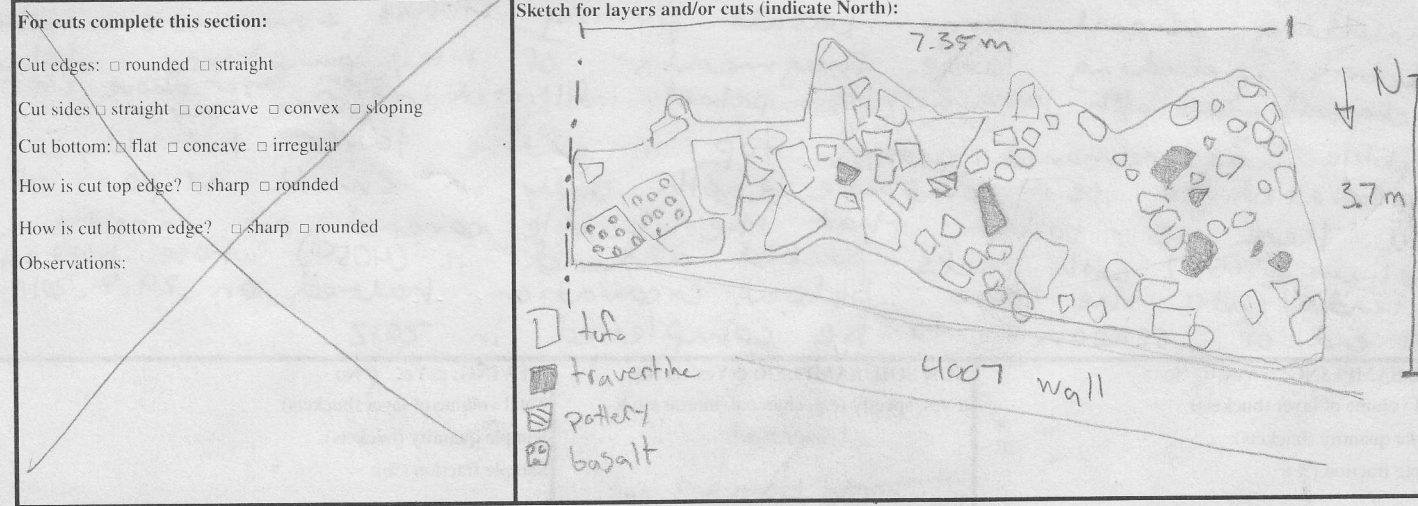
**STRATIGRAPHICAL SEQUENCE**

Is equal to: 4021  
 Is bound to (only for masonry):  
 Is abutted by:  
 Is covered by: 4015  
 Is cut by:  
 Is filled by:

**OBSERVATIONS** Δ 536 loom weight  
 Only small section of w part of layer fully excavated in 2011; excavation halted on 29.7.2011 on last day of field school + upon discovery of in-situ delium (4058) with rocks packed around it (4059). Excavation

**DESCRIPTION**  
 Position within sector: central Area of Area E to the E of road 4016 and between walls 4007 + 4025  
 Shape: irregular  
 to be completed in 2012.  
 One layer of rubble removed from top across entire su.

**For layers complete this section:**  
 Surface (slope direction; visible inclusions): even slope; visible inclusions are travertine, tile + tufo  
 Observations about inclusions (Clusters? Deposition slope): Mostly tufo with other inclusions spaced evenly throughout  
 Observations about thickness (Increases? Decreases?): Partially excavated - to be completed in 2012.  
 Nature of the interface with layer below:  sharp  diffuse  commigled  other (specify)



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**

Layer composed of collapse of wall 4007 to N (several large tufo ashlar blocks in rubble), other tufo + basalt debris including several large basalt paving stones, + numerous other debris including large fragments of tile, amphora + dolium + charcoal, mixed with loose, silty soil probably infiltrated in from layer above (4015). One layer of rubble was removed across top of entire layer, but layer excavated to its complete depth only in small w part of su. Here we found that the rubble covered an in-situ dolium (4058) with rocks packed around it (4059) whose bottom extends into the layer below. Excavation halted on 29.7.2011 at end of season - to be completed in 2012.

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: max diam ~ 3 cm

SIEVING:  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

**STRATIGRAPHICAL RELIABILITY**

Good  Fair  Poor

Excavation to be completed in 2012.

Filled-out by	Jacob, E. Adkins	on	2.8.2011
Revised by	E. Adkins	on	2.8.2011
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Entered by		on	