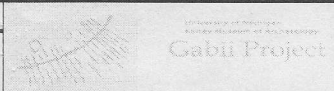


SITE GPR	YEAR 2011	AREA E	SECTOR	ELEVATION Min: 60.871 Max: 61.446	STRATIGRAPHICAL UNIT 4031 <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Anthropic	
	In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Photos: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 1220-1222	

DEFINITION Layer of yellowish brown silt under 4020	Covered by <input checked="" type="checkbox"/> SU: 4020	Fills <input type="checkbox"/> SU:	Filled by <input type="checkbox"/> SU:
--	--	---------------------------------------	---

HOW IS LAYER DISTINGUISHED? <input checked="" type="checkbox"/> Color <input checked="" type="checkbox"/> Composition <input checked="" type="checkbox"/> Compaction	FORMATION PROCESS <input checked="" type="checkbox"/> Accumulation <input type="checkbox"/> Construction <input type="checkbox"/> Cutting <input type="checkbox"/> Erosion <input type="checkbox"/> Collapse <input type="checkbox"/> Intentional deposition
---	---

INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are			SOIL/MATRIX clay 0% silt 98% sand 2% <input type="checkbox"/> Granular <input checked="" type="checkbox"/> Layered <input type="checkbox"/> Cohesive
<b>Anthropic</b>	<b>Geological</b>	<b>Organic</b>	
<input checked="" type="checkbox"/> Pottery M <input checked="" type="checkbox"/> Tiles M <input type="checkbox"/> Amphorae <input type="checkbox"/> Dolia <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Mortar <input type="checkbox"/> Coins <input checked="" type="checkbox"/> Metal (specify) <input type="checkbox"/> Collapse debris <input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Tufo (specify) F <input checked="" type="checkbox"/> Travertine R <input checked="" type="checkbox"/> Basalt R <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 type="checkbox"/> Other (specify)	<b>Compaction</b> <input type="checkbox"/> Hard <input type="checkbox"/> Compact <input checked="" type="checkbox"/> Friable <input type="checkbox"/> Loose <input type="checkbox"/> Soft
			<b>Color</b> <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 checked="" 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 checked="" type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit	
Southern Limit <input type="checkbox"/> Original <input type="checkbox"/> Not Original <input checked="" 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	

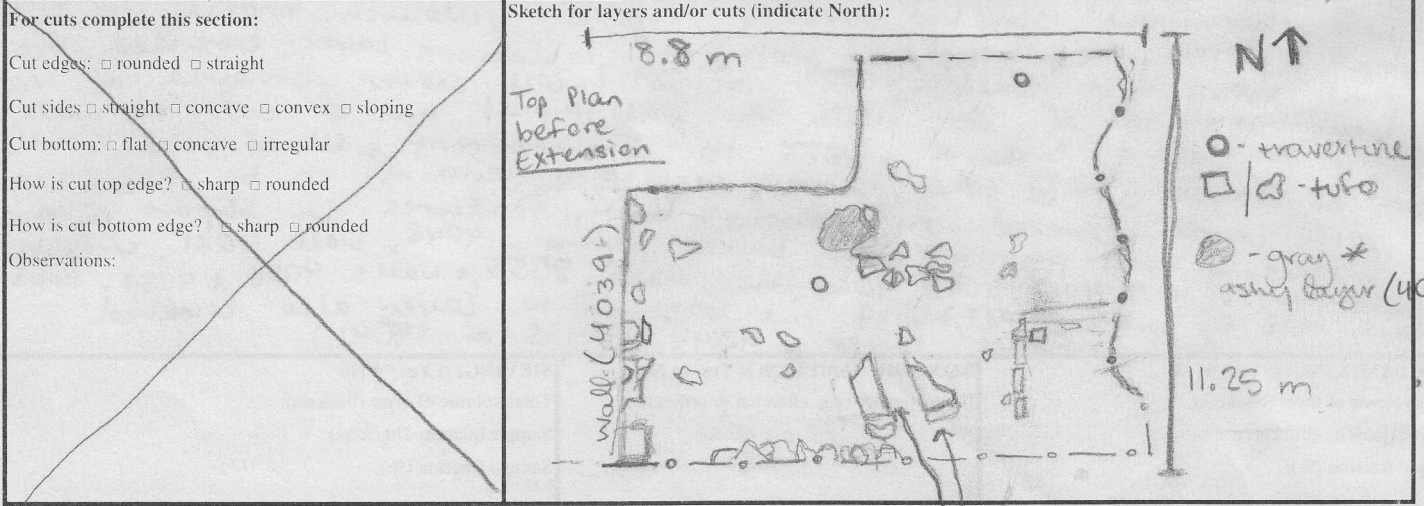
STRATIGRAPHICAL SEQUENCE	
Is equal to:	Is bound to (only for masonry):
Is abutted by:	Abuts: 4039, 4037, 4040, 4025, 4056, 4057
Is covered by: 4020, 4015	Covers: 4041, 4048, 4061, 4060, 4044
Is cut by: 4038, 4026	Cuts:
Is filled by:	Fills:

OBSERVATIONS yellow brown layer, rain may have made layer more compact.  $\Delta 533$ -Loam clusters of tufo inclusions, cut in center by roughly circular gray ashy layer (4044) (fire pit?). Large tufo slabs emerging from layer below on southern edge  $\Delta 528$  (iron object)  $\Delta 526$  Tufo cona relief  $\Delta 524$  lead object  $\Delta 531$ -coin  $\Delta 532$ -Worked Bone

DESCRIPTION Position within sector: Southeastern corner of excavation Area E  $\Delta 538$ -Bronze coin found in space between 4041 and 4048

Shape: Irregular  
 Layer extended on 29.7.2011 N to wall 4025 + NW in order to uncover paving stones 4048 + 4041. Extension shot in on 2.8.2011. Small part of layer remains unexcavated on w side over su 4054.

For layers complete this section:  
 Surface (slope direction; visible inclusions): slopes downward towards the Southeast visible tufo, travertine, tile + pottery inclusions in surface  
 Observations about inclusions (Clusters? Deposition slope): tufo clusters in center, other scattered inclusions wall in Southeastern corner, tufo inclusions on Southern limit  
 Observations about thickness (Increases? Decreases?): Thickness varied depending on elevation of structures under 4031; very thin where 4026 cut layer on N side. Next layer defined by tufo blocks, others by different soil patterns



\* tufo slabs (4055) + ash gray layer (4044) not part of 4031, but emerging from underneath it

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**

Large post-abandonment colluvial layer covering most of SE part of Area E, E of E retaining wall of road (4040, 4039, 4037) + S of wall 4025 to E+S excavation limits. Soil matrix varied slightly throughout SU, but mostly friable, yellowish brown silt with medium pottery, tile, bone, + geological inclusions. Layer extended from original limit (S of wall 4008) on 29.7.2011 (after removal of 4008 + documentation of cut 4026 for wall) N past line of cut to wall 4025 + NW along line of 4025 to E retaining wall of road. Small part of layer on E side above SU 4054 remains to be excavated in 2012. Layer covered numerous built features in SE part of Area E, including tufo paving 4041, basalt paving 4048, wall 4061, circular walls (4050, 4051, 4052, 4053, 4060), tufo slabs 4055, + walls 4056 + 4057. Robbing trench 4038 for walls 4037 + 4039 cut 4031 on W. Layer also covered dark compact layer 4044 just S of 4041.

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 E. Adkins

on 2.8.2011

Revised by E. Adkins

on 2.8.2011

PDFd by ELR

on 3.8.2011

Entered by

on

24 7 2011