

<b>SITE</b> GPR	<b>YEAR</b> 13	<b>AREA</b> F-South	<b>SECTOR</b>	<b>ELEVATION</b> Min: 59.1284 Max: 59.2574	<b>STRATIGRAPHICAL UNIT</b> 5499 <input type="checkbox"/> Natural <input type="checkbox"/> Anthropic	University of Michigan Robert M. H. Brown Gabii Project	
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 #: 3007	Photo Model: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 579		
<b>DEFINITION</b> rubble beneath 5451				Covered by <input checked="" type="checkbox"/> SU: 5451	Fills <input type="checkbox"/> SU:	Filled by <input type="checkbox"/> SU:	
<b>HOW IS LAYER DISTINGUISHED?</b> <input type="checkbox"/> Color <input type="checkbox"/> Composition <input type="checkbox"/> Compaction			<b>FORMATION PROCESS</b> <input type="checkbox"/> Accumulation <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Cutting <input type="checkbox"/> Erosion <input type="checkbox"/> Collapse <input type="checkbox"/> Intentional deposition				
<b>INCLUSIONS</b> For each inclusion specify frequency: (f)requent, (m)edium, (r)are					<b>SOIL/MATRIX</b>		
<b>Anthropic</b>		<b>Geological</b>		<b>Organic</b>		clay ___% silt ___% sand ___%	
<input type="checkbox"/> Pottery <input type="checkbox"/> Tiles <input type="checkbox"/> Amphorae <input type="checkbox"/> Dolia <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Mortar <input type="checkbox"/> Coins <input type="checkbox"/> Metal (specify) <input type="checkbox"/> Collapse debris <input type="checkbox"/> Glass		<input type="checkbox"/> Nails <input type="checkbox"/> Marble <input type="checkbox"/> Quarried debris <input type="checkbox"/> Slag <input type="checkbox"/> Brick <input type="checkbox"/> Basalt slabs <input type="checkbox"/> Opus signinum <input type="checkbox"/> Painted plaster <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Other (specify)		<input type="checkbox"/> Tufo (specify) <input type="checkbox"/> Travertine <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 type="checkbox"/> Charcoal <input type="checkbox"/> Ash <input type="checkbox"/> Animal bones <input type="checkbox"/> Human bones <input type="checkbox"/> Animal teeth <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)	
					Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive		
					<b>Compaction</b>		
					<input type="checkbox"/> Hard <input type="checkbox"/> Compact <input 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 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)		
<b>UNIT LIMITS (also indicate on overlay)</b>							
Northern Limit		<input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit		Depth: <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original			
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 checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit					
<b>STRATIGRAPHICAL SEQUENCE</b>							
Is equal to:				Is bound to (only for masonry):			
Is abutted by:				Abuts:			
Is covered by: SU 5451				Covers: SU 5460			
Is cut by:				Cuts:			
Is filled by:				Fills:			
<b>OBSERVATIONS</b> Previously excavated 15 years ago by the Superintendent 22, re-excavated 2013.							
<b>DESCRIPTION</b>							
Position within sector: South-East corner of F-South							
Shape: Linear							
<b>For layers complete this section:</b>							
Surface (slope direction; visible inclusions):							
Observations about inclusions (Clusters? Deposition slope)							
Observations about thickness (Increases? Decreases?):							
Nature of the interface with layer below: <input type="checkbox"/> sharp <input type="checkbox"/> diffuse <input type="checkbox"/> commingled <input type="checkbox"/> other (specify)							
<b>For cuts complete this section:</b>				<b>Sketch for layers and/or cuts (indicate North):</b>			
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:							

+++ = 5530  
 ● = 5432  
 ∴ = 5451

**For structural remains complete this section**

Alignment: East - West

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)

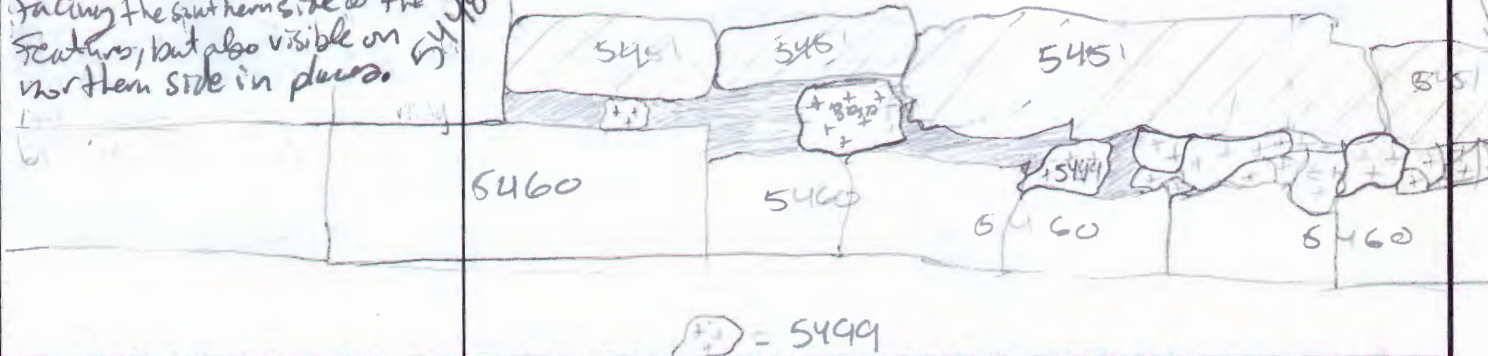
Approx. length, width, height of structural remains:

2 m x .2 m x .15 m

Description:

East-west coursework of basalt and tufo stones between SU 5451 and SU 5460. Mostly visible in section facing the southern side of the features, but also visible on northern side in places.

Sketch (if applicable, indicate North)



**INTERPRETATION**

The bottom of the course work of tufo blocks (SU 5451) is uneven and probably not the desired height. Because of this it is probable that the coursework of rubble (SU 5499) was placed there to raise and level out SU 5451. <sup>a large threshold.</sup> Additionally, this coursework most likely continues underneath SU 5451 and is visible on the north side and constitutes those blocks visible there.

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 (%):

**STRATIGRAPHICAL RELIABILITY**

Good  Fair  Poor

Filled-out by <u>Julia Lathin</u>	on <u>2013/13</u>
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Entered by	on