
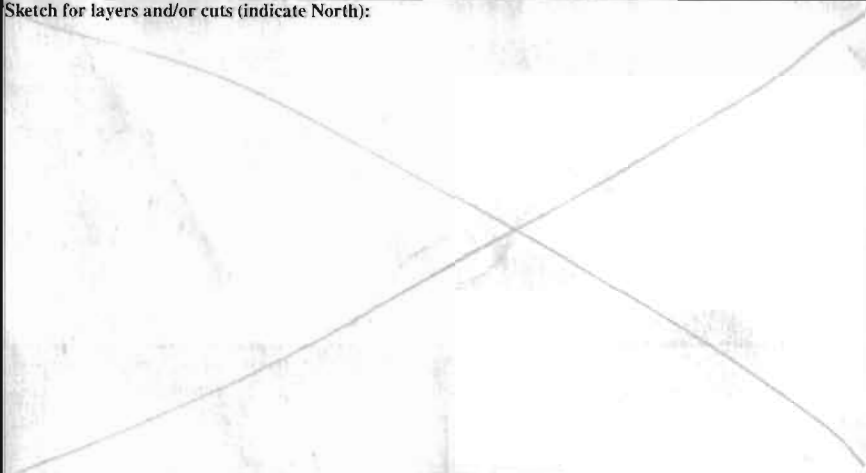


SITE GPR	YEAR 2012	AREA F	SECTOR	ELEVATION Min: 64.7235 Max: 64.9162	STRATIGRAPHICAL UNIT 5105 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic	 University of Michigan School of Architecture Gabil Project
				In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
DEFINITION Rubble infill within wall 5009				Covered by: 5024 <input checked="" type="checkbox"/> SU: 5024	Fills: <input type="checkbox"/> SU:	Filled by: <input type="checkbox"/> SU:
HOW IS LAYER DISTINGUISHED? <input type="checkbox"/> Color <input type="checkbox"/> Composition <input type="checkbox"/> Compaction			FORMATION PROCESS <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			
INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are					SOIL/MATRIX	
Anthropic		Geological		Organic		clay ___% silt ___% sand ___%
<input checked="" type="checkbox"/> Pottery M <input type="checkbox"/> Nails <input type="checkbox"/> Tiles <input type="checkbox"/> Marble <input checked="" type="checkbox"/> Amphorae <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 <input type="checkbox"/> Opus signinum <input type="checkbox"/> Coins <input type="checkbox"/> Painted plaster <input checked="" type="checkbox"/> Metal (specify) <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Collapse debris <input type="checkbox"/> Other (specify) <input type="checkbox"/> Glass		<input checked="" type="checkbox"/> Tufo (specify) <input checked="" 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 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)		<input type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive
					Compaction: <input type="checkbox"/> Hard <input 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 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 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		
STRATIGRAPHICAL SEQUENCE						
Is equal to:				Is bound to (only for masonry):		
Is abutted by:				Abuts:		
Is covered by: 5024 5024				Covers: 5009		
Is cut by:				Cuts:		
Is filled by:				Fills: SU 5009		
OBSERVATIONS						
Rubble fill has irregular southern limit; at least 3 different types of tufo observed. Δ 828 Iron hinge						
DESCRIPTION						
Position within sector: NE of Area F within wall 5009						
Shape: Roughly linear - northern limit follows wall 5009						
For layers complete this section:						
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)						
For cuts complete this section:				Sketch for layers and/or cuts (indicate North):		
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:						

~~iron hinge~~



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) gray with white flecks; crumbles easily

Concrete inclusions:

Material: Tufo Basalt Travertine Tiles Other (specify)
 Size: Small (range) 10 cm L Medium (range) 17 cm L Large (range) 22 cm L Representative size: e.g. 2 x 1 x 2 cmz

Wall Facing: 9 cm W 11 cm W 14 cm W
5 cm H 14 cm H 16 cm H

Opus quadratum Opus incertum Opus reticulatum Petit appareil Opus testaceum Opus mixtum Opus vittatum Other (specify) irregular

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)

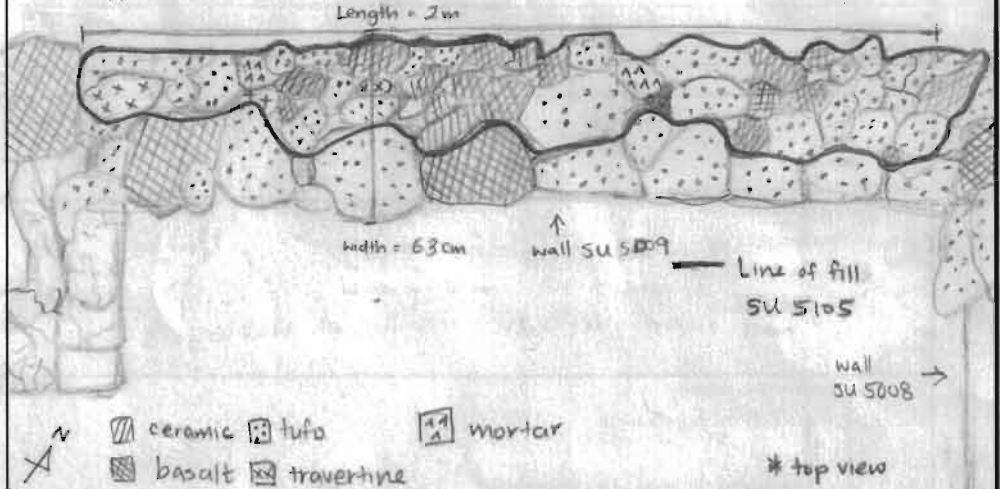
Approx. length, width, height of structural remains:

L = 2m H₁ = 26cm
 W = 63cm H₂ = 48cm

Description:

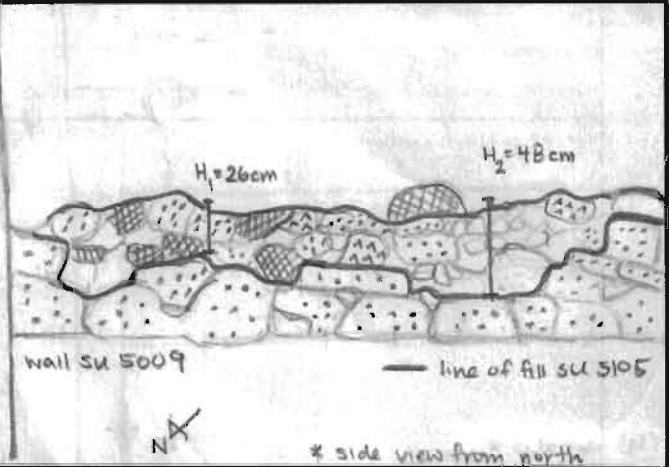
Rubble infill comprised of various elements: basalt, at least three different types of tufo (yellow, red, gray), ceramic (pottery, amphora/dolia, tile), travertine, and mortar. The fill is in alignment with and sitting on top of wall 5009. The building material is non-uniform, of different sizes and shapes.

Sketch (if applicable, indicate North)



INTERPRETATION

Perhaps the rubble infill was a quick repair job to fill in a hole caused by damage to the wall (SU 5009) by using easily acquirable material from the area.



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>C. Cha</u>	on <u>23/07/2012</u>
Revised by <u>J.S.</u>	on <u>24.7.2012</u>
PDFd by <u>EP</u>	on <u>16.7.1977</u>
Entered by	on