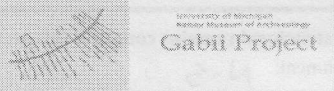
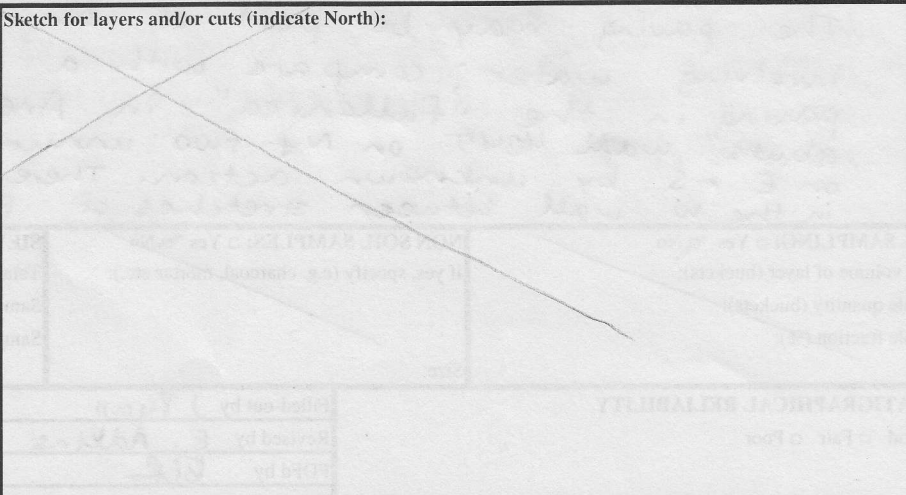


<b>SITE</b> GPR	<b>YEAR</b> 2011	<b>AREA</b> E	<b>SECTOR</b>	<b>ELEVATION</b> Min: 60.9947 Max: 61.2397	<b>STRATIGRAPHICAL UNIT</b> 4048 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic		
<b>In cross-section?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<b>In elevation drawing?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>Photos:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 2276-77	<b>Photo Model:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 345	
<b>DEFINITION</b> Basalt paving stones S of wall 4025					<b>Covered by</b> <input checked="" type="checkbox"/> SU: 4031	<b>Fills</b> <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 For each inclusion specify frequency: (f)requent, (m)edium, (r)are</b>					<b>SOIL/MATRIX</b> clay ___% silt ___% sand ___% <input type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive		
<b>Anthropic</b>		<b>Geological</b>		<b>Organic</b>		<b>Compaction</b>	
<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)	<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 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)	
<b>UNIT LIMITS (also indicate on overlay)</b>							
<b>Northern Limit</b>		<input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit			<b>Depth:</b> <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original		
<b>Southern Limit</b>		<input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit					
<b>Western Limit</b>		<input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit					
<b>Eastern Limit</b>		<input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit					
<b>STRATIGRAPHICAL SEQUENCE</b>							
<b>Is equal to:</b>				<b>Is bound to (only for masonry):</b>			
<b>Is abutted by:</b> 4041				<b>Abuts:</b> 4025			
<b>Is covered by:</b> 4031				<b>Covers:</b>			
<b>Is cut by:</b>				<b>Cuts:</b>			
<b>Is filled by:</b>				<b>Fills:</b>			
<b>OBSERVATIONS</b> Patch of basalt paving S of/abutting wall 4025. Cut on E+S by unknown actions.							
<b>DESCRIPTION</b> Position within sector: Central area E near to eastern excavation limit Shape: Rectangular							
<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:							

\* Needs measurements in 2012.

**For structural remains complete this section**

Alignment: N-S

Building Technique:  Adobe/Mud-brick  Ashlar (blocks)  irregular (unworked) stone  Concrete  Other (specify)

Basalt paving stones, roughly worked.

Binding Agent:  None  Clay  Mortar (if so, specify composition, color, compaction)

Concrete inclusions: N/A

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)

Basalt paving stones.

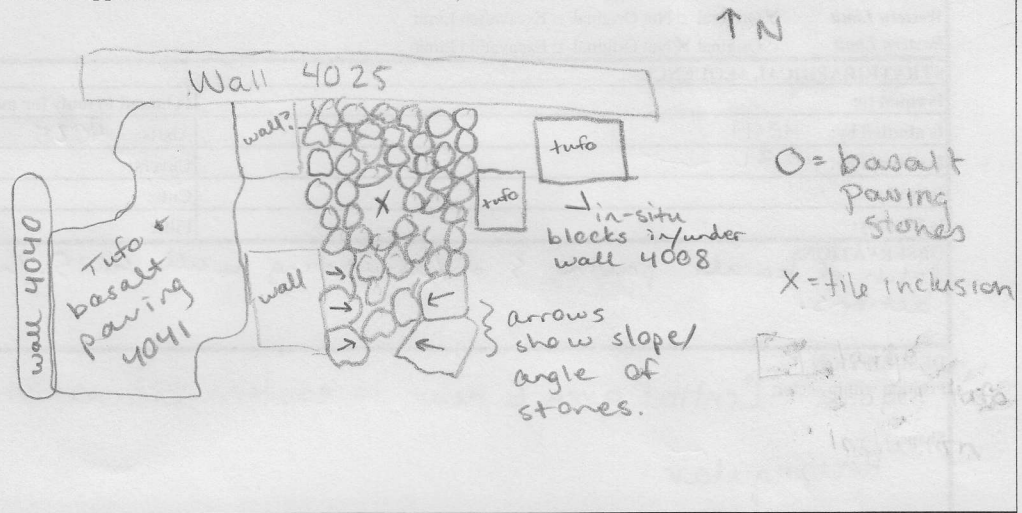
Wall finishing  Stucco  Opus signinum  Plaster  Painted Plaster  Other (specify)

Approx. length, width, height of structural remains:

**Description:**

Rectangular section of basalt paving stones on s side of wall 4025. Stones in southern part of su are a bit larger on the W and E sides and angle and slope towards enter. + towards S. Bounded by wall 4025 on N + by two sections of unnumbered walls on E. Cut on S + E by unknown actions.

**Sketch (if applicable, indicate North)**



**INTERPRETATION**

This section of basalt paving stones appears to be ~~more~~ of a floor rather than a road surface. The lower/southern portion of paving stones all angle towards center which perhaps indicates a type of drainage feature. There is a notch/cut in wall 4025 aligning with this slope that may be a drain. The paving may be part of an industrial complex involving water; compare with a similar stretch of paving in the "fullonica" in Area C. Paving 4048 well abuts wall 4045 on N + two unnumbered walls on W. Cut on E + S by unknown action. There may be a doorway in the W wall between stretches of paving 4048 + 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.):

Size:

SIEVING:  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

**STRATIGRAPHICAL RELIABILITY**

Good  Fair  Poor

Filled-out by	J Ryan	on	29-7-2011
Revised by	E. Adkins	on	2.8.2011
PDFd by	ELR	on	3-8-11
Entered by		on	