

SITE	YEAR	AREA	SECTOR	ELEVATION	STRATIGRAPHICAL UNIT
GPR	2010	B		Min: 62.4852 Max: 63.138	1229 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic

In cross-section?  Yes  No      In elevation drawing?  Yes  No      Photos:  Yes  No #: 779-782      Photo Model:  Yes  No #:

DEFINITION: cut in 1173 - starting pt for channel (1228)      Covered by  SU: 7165      Fills  SU:      Filled by  SU: 1177, 1199, 1203

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			SOIL/MATRIX		
Anthropic		Geological	Organic	clay ___% silt ___% sand ___%	
<input type="checkbox"/> Pottery	<input type="checkbox"/> Nails	<input type="checkbox"/> Tufo (specify)	<input type="checkbox"/> Charcoal	<input type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive	
<input type="checkbox"/> Tiles	<input type="checkbox"/> Marble	<input type="checkbox"/> Travertine	<input type="checkbox"/> Ash		
<input type="checkbox"/> Amphorae	<input type="checkbox"/> Quarried debris	<input type="checkbox"/> Other Limestone	<input type="checkbox"/> Animal bones		
<input type="checkbox"/> Dolia	<input type="checkbox"/> Slag <input type="checkbox"/> Brick	<input type="checkbox"/> Basalt	<input type="checkbox"/> Human bones		
<input type="checkbox"/> Mosaic tile(s)	<input type="checkbox"/> Basalt slabs	<input type="checkbox"/> Clay	<input type="checkbox"/> Animal teeth		
<input type="checkbox"/> Mortar	<input type="checkbox"/> Opus signinum	<input type="checkbox"/> Sand	<input type="checkbox"/> Human teeth		
<input type="checkbox"/> Coins	<input type="checkbox"/> Painted plaster	<input type="checkbox"/> Silt	<input type="checkbox"/> Shells		
<input type="checkbox"/> Metal (specify)	<input type="checkbox"/> Burnt Adobe	<input type="checkbox"/> Pebbles (range)	<input type="checkbox"/> Other (specify)		
<input type="checkbox"/> Collapse debris	<input type="checkbox"/> Other (specify)	<input type="checkbox"/> Gravel (range)			
<input type="checkbox"/> Glass					
			Compaction		
			Color		
			<input type="checkbox"/> Hard	<input type="checkbox"/> Black <input type="checkbox"/> Brown	
			<input type="checkbox"/> Compact	<input type="checkbox"/> Gray <input type="checkbox"/> Light Brown	
			<input type="checkbox"/> Friable	<input type="checkbox"/> Light Gray <input type="checkbox"/> White	
			<input type="checkbox"/> Loose	<input type="checkbox"/> Yellow <input type="checkbox"/> Red	
			<input type="checkbox"/> Soft	<input type="checkbox"/> Light Yellow	
				<input type="checkbox"/> Other (specify)	

UNIT LIMITS (also indicate on overlay)

Northern Limit  Original  Not Original  Excavation Limit      Depth:  Original  Not Original

Southern Limit  Original  Not Original  Excavation Limit

Western Limit  Original  Not Original  Excavation Limit

Eastern Limit  Original  Not Original  Excavation Limit

STRATIGRAPHICAL SEQUENCE

Is equal to:	Is bound to (only for masonry):
Is abutted by:	Abuts:
Is covered by: 1165, 1384	Covers: 1001 (bedrock)
Is cut by:	Cuts: 1173 (tufo floor)
Is filled by: 1177, 1199, 1203	Fills:

OBSERVATIONS: Excavated w/ pickaxe & shovel (used trowels to define rocks and other features) for 3 days. Rained on afternoon of 1st day. Otherwise hot & sunny.

DESCRIPTION

Position within sector: Southwestern section, e.g. southwestern part of Trench B

Shape: Oblong & cut (in half?) by Southern excavation limit  
yep

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:  sharp  diffuse  commingled  other (specify)

<p>For cuts complete this section:</p> <p>Cut edges: <input checked="" type="checkbox"/> rounded <input type="checkbox"/> straight</p> <p>Cut sides: <input type="checkbox"/> straight <input checked="" type="checkbox"/> concave <input type="checkbox"/> convex <input type="checkbox"/> sloping</p> <p>Cut bottom: <input type="checkbox"/> flat <input type="checkbox"/> concave <input checked="" type="checkbox"/> irregular</p> <p>How is cut top edge? <input type="checkbox"/> sharp <input checked="" type="checkbox"/> rounded</p> <p>How is cut bottom edge? <input type="checkbox"/> sharp <input checked="" type="checkbox"/> rounded</p> <p>Observations: cut into tufo floor &amp; everything below it (prep layers) exposes the bedrock (1001) but doesn't cut it</p>	<p>Sketch for layers and/or cuts (indicate North):</p>
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→ see back for extended sketch from 2d1 excavation

GPR 11 — rescan SV sheet (back) and overlay ✓

**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

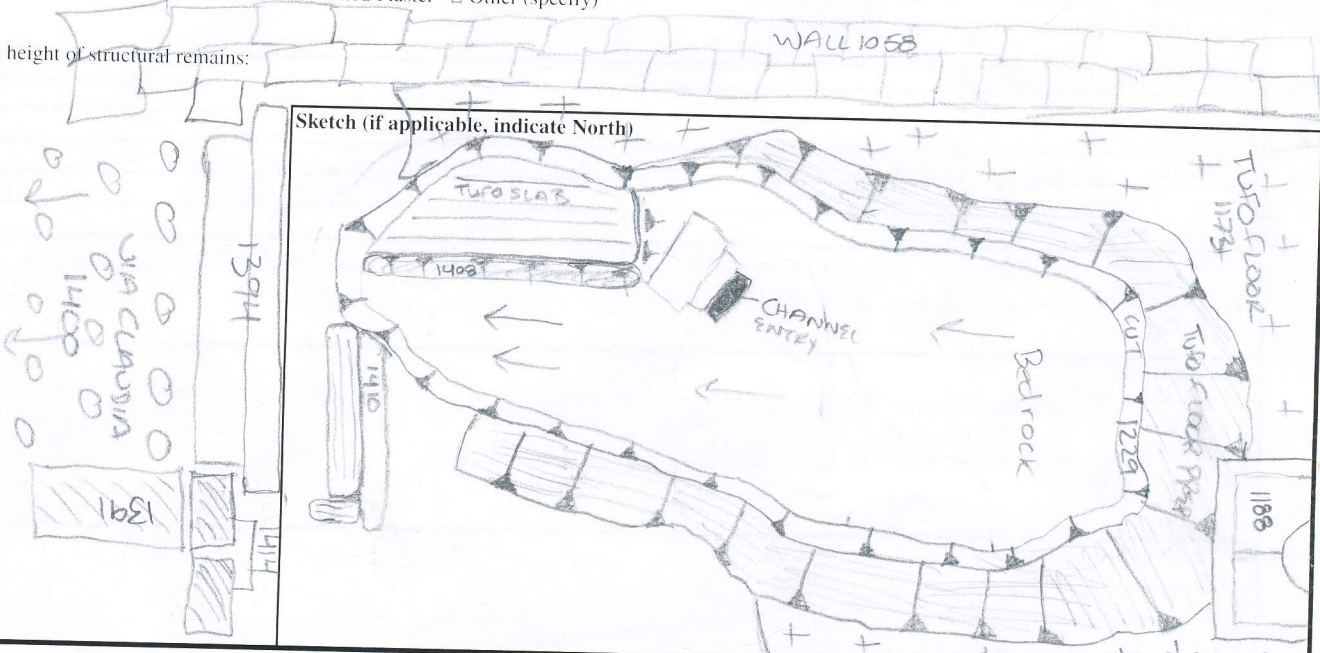
floor/revetment type

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:



**INTERPRETATION**

The courtyard with its tufo floor was there and it was cut into in order to reach the bedrock and begin construction on the channel (1228), or cut was dug in order to use some precious building material.

Excavation of cut 1229 continued + completed in 2011-SJL

<p><b>SOIL SAMPLING:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  Total volume of layer (buckets):                  Sample quantity (buckets):                  Sample fraction (%):</p>	<p><b>NON SOIL SAMPLES:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  If yes, specify (e.g. charcoal, mortar etc.):                  Size:</p>	<p><b>SIEVING:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  Total volume of layer (buckets):                  Sample quantity (buckets):                  Sample fraction (%):</p>
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<p><b>STRATIGRAPHICAL RELIABILITY</b>  <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor</p>	<p>Filled-out by <u>CAK</u>                  Revised by <u>CMH</u>                  PDFd by <u>JJM, AMS</u>                  Entered by</p>	<p>on <u>23-7-10</u>                  on <u>23-7-10 / 29/7/2011</u>                  on <u>27.07.2010, 21/7/11</u>                  on</p>
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