

SITE	YEAR	AREA	SECTOR	ELEVATION	STRATIGRAPHICAL UNIT
GPR	2010	B		Min: 62.0831 Max: 62.5633	1228 Natural <input type="checkbox"/> Anthropogenic <input checked="" type="checkbox"/>

In cross-section?  Yes  No  
 In elevation drawing?  Yes  No  
 Photos:  Yes  No #: 772-793  
 Photo Model:  Yes  No #:

DEFINITION: *square channel*

Covered by  SU: 1230  
 Fills  SU:  
 Filled by  SU: 1221

HOW IS LAYER DISTINGUISHED?  
 Color  Composition  Compaction

FORMATION PROCESS  
 Accumulation  Construction  Cutting  Erosion  Collapse  Intentional deposition

INCLUSIONS For each inclusion specify frequency: (frequent, (medium), (rare)

Anthropic	Geological	Organic
<input type="checkbox"/> Pottery <input type="checkbox"/> Tiles <input type="checkbox"/> Amphorae <input type="checkbox"/> Dolia <input type="checkbox"/> Mosaic tiles <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"/> 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)

SOIL/MATRIX  
 clay \_\_\_% silt \_\_\_% sand \_\_\_%  
 Granular  Layered  Cohesive

Compaction	Color
<input type="checkbox"/> Hard <input type="checkbox"/> Compact <input type="checkbox"/> Friable <input type="checkbox"/> Loose <input type="checkbox"/> Soft	<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)

Northern Limit  Original  Not Original  Excavation Limit  
 Southern Limit  Original  Not Original  Excavation Limit  
 Western Limit  Original  Not Original  Excavation Limit  
 Eastern Limit  Original  Not Original  Excavation Limit

Depth:  Original  Not Original

STRATIGRAPHICAL SEQUENCE

Is equal to:	Is bound to (only for masonry):
Is abutted by:	Abuts:
Is covered by: 1230	Covers:
Is cut by:	Cuts: 1001 (bedrock)
Is filled by: 1221	Fills:

OBSERVATIONS  
*channel was detected at the very southwestern edge of track B*

DESCRIPTION  
 Position within sector:  
 Shape: *square, ca 2m long*

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)

For cuts complete this section:

Cut edges:  rounded  straight  
 Cut sides:  straight  concave  convex  sloping  
 Cut bottom:  flat  concave  irregular  
 How is cut top edge?  sharp  rounded  
 How is cut bottom edge?  sharp  rounded  
 Observations:

Sketch for layers and/or cuts (indicate North):



**For structural remains complete this section**

Alignment:

Building Technique:  Adobe/Mud-brick  Ashlar (blocks)  irregular (unworked) stone  Concrete  Other (specify) *channel is cut into bedrock*

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: *length ca 2m, width 0,30m*


Description:

*The channel was detected below SU 1203 and since it is covered with tufo slabs and sits right below the southern edge of the section the possibility of encountering it was rather limited! We were able to peer into the channel and*

Sketch (if applicable, indicate North)

*It is certain that we found the easton-most edge of it. A large pit (SU 1223) was excavated in order to reach the bedrock. During the excavation of this "starting pit" for the construction of the channel the earlier floor (SU 1173) was destroyed. The chronology of the impact is quite clear but not the date. Whilst peering into the channel one could see a "T-junction", meaning*

**INTERPRETATION**

*another channel crossing our SU 1228. One could see light falling into this cross-channel from SW-direction and one could also feel very fresh and cold air steaming through the channel. The channel was dug as an open cast and covered afterwards with tufo slabs. If I would be much smaller I would have crouched into it to find out more about it. Interpretation: sewer? *

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	<i>CHN</i>	on	<i>23.07.2010</i>
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