


SITE	YEAR	AREA	SECTOR	ELEVATION	STRATIGRAPHICAL UNIT	
GPR	2011	B		Min: 62.095 Max: 63.034	1403 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic	

In cross-section? Yes No In elevation drawing? Yes No Photos: Yes No #: 1746-50, 51 Photo Model: Yes No #:

DEFINITION: Large Deposit of Quarry debris

Covered by: SU: 1382 Fills: SU: 1403 Filled by: SU:

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

Anthropic	Geological	Organic	SOIL/MATRIX														
<input checked="" type="checkbox"/> Pottery R <input checked="" type="checkbox"/> Tiles R <input checked="" type="checkbox"/> Amphorae R <input checked="" type="checkbox"/> Dolia R <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 checked="" type="checkbox"/> Glass R	<input checked="" type="checkbox"/> Nails (IRON) R <input type="checkbox"/> Marble <input checked="" type="checkbox"/> Quarried debris P <input type="checkbox"/> Slag <input type="checkbox"/> Brick <input type="checkbox"/> Opus signinum <input checked="" type="checkbox"/> Basalt slabs R <input type="checkbox"/> Painted plaster R <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Other (specify)	<input checked="" type="checkbox"/> Tufo (specify) P <input type="checkbox"/> Travertine <input type="checkbox"/> Other Limestone <input checked="" type="checkbox"/> Basalt R <input type="checkbox"/> Clay <input type="checkbox"/> Sand <input checked="" type="checkbox"/> Silt R <input type="checkbox"/> Pebbles (range) <input checked="" type="checkbox"/> Gravel (range) M	clay 5% silt 90% sand 5% <input type="checkbox"/> Granular <input checked="" type="checkbox"/> Layered <input type="checkbox"/> Cohesive <table border="1"> <thead> <tr> <th>Compaction</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Hard</td> <td><input type="checkbox"/> Black <input type="checkbox"/> Brown</td> </tr> <tr> <td><input type="checkbox"/> Compact</td> <td><input type="checkbox"/> Gray <input type="checkbox"/> Light Brown</td> </tr> <tr> <td><input type="checkbox"/> Friable</td> <td><input checked="" type="checkbox"/> Light Gray <input type="checkbox"/> White</td> </tr> <tr> <td><input checked="" type="checkbox"/> Loose</td> <td><input type="checkbox"/> Yellow <input type="checkbox"/> Red</td> </tr> <tr> <td><input type="checkbox"/> Soft</td> <td><input type="checkbox"/> Light Yellow</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Other (specify)</td> </tr> </tbody> </table>	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 checked="" type="checkbox"/> Light Gray <input type="checkbox"/> White	<input checked="" 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)
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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: 1403	Abuts:
Is covered by: 1382, 1032	Covers: 1001
Is cut by:	Cuts:
Is filled by:	Fills: 1403

OBSERVATIONS: Layer is composed almost completely of stones, varying in size from small to very large, with very little soil between.
 D432 - Miniature Ceramic Vessel D424 - Low weight D425 - Bronze Ring
 Pictures: 1746 = detail of worked stone 1747-8 = General Shots 1749 = Western limit 1750 = eastern limit 1754 = Working Shot

DESCRIPTION
 Position within sector: southeast corner of area B 2011, between structure to west & road to east
 Shape: mostly square

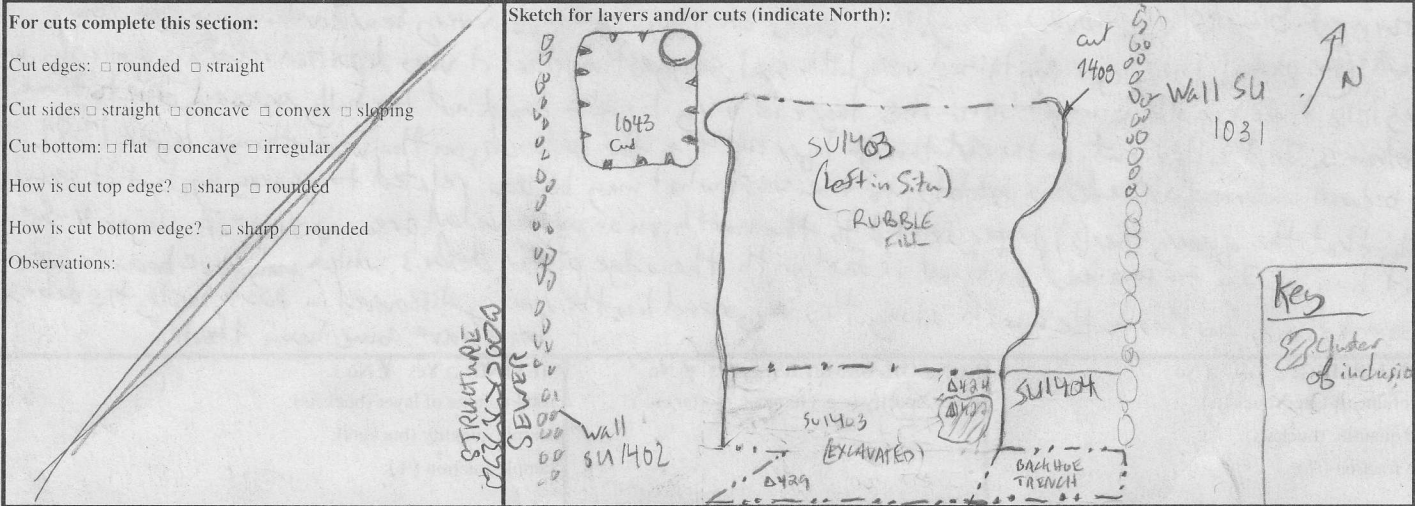
For layers complete this section:

Surface (slope direction: visible inclusions): slopes south, as well as

Observations about inclusions (Clusters? Deposition slope): Cluster of pottery & animal bone at eastern end of excavated area, close to bottom of rubble

Observations about thickness (Increases? Decreases?):

Nature of the interface with layer below: sharp diffuse commingled other (specify)



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

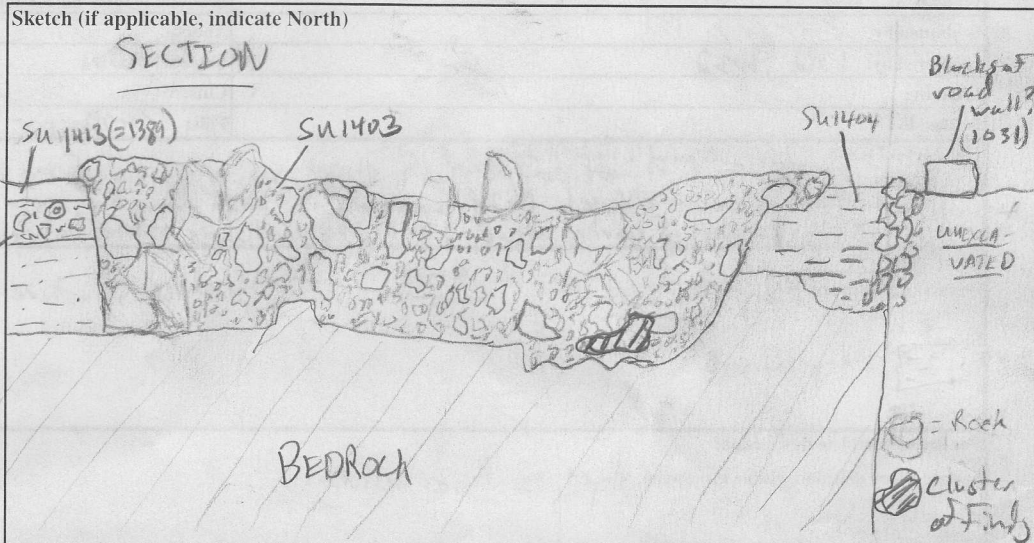
floor/revetment type

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

SU 1403 Represents a large accumulation of quarry debris. The layer is composed almost entirely of tufo fragments, ranging in size from small gravel (diam. 3cm) to large partially formed blocks (e.g. 40x20x20cm). Many blocks are very angular, & a very few contain visible tool marks (see photos). The layer contained very little soil, suggesting that it was deposited relatively quickly, with very little time for silt accumulation. The layer is very large & could not be fully exposed due to time constraints. It fills a cut, on the east through layer 1404 & the bedrock, on the west through layer 1389. The bedrock underneath the debris exhibits, to the west, what may be cuts related to quarrying, but it seems likely that the quarry face(s) proper existed to the north, in an unexcavated area up slope. A major N-S road lies ca. 2m to the east, aligned in fact with the edge of our debris, which may have been in use at the same time. Further to the north along this very road lies the quarry discovered in 2009. Possibly the debris may have come from there.

SOIL SAMPLING: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Total volume of layer (buckets): Sample quantity (buckets): Sample fraction (%):	NON SOIL SAMPLES: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, specify (e.g. charcoal, mortar etc.): Size:	SIEVING: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Total volume of layer (buckets): Sample quantity (buckets): Sample fraction (%):
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STRATIGRAPHICAL RELIABILITY <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	Filled-out by <i>S.FARR</i> on <i>19/7/2011</i>
	Revised by <i>CLM</i> on <i>29/7/2011</i>
	PDFd by <i>BCR</i> on <i>1/8/11</i>
	Entered by _____ on _____