


SITE GPR	YEAR 2011	AREA B SU 1404	SECTOR	ELEVATION Min: 62.235 Max: 62.700	STRATIGRAPHICAL UNIT SU 1404 <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Anthropic	 University of Stuttgart Faculty of Mechanical Engineering Gabil Project
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In cross-section? Yes No In elevation drawing? Yes No Photos: Yes No #: 1769-70 Photo Model: Yes No #:

DEFINITION: Soil east of quarry debris Covered by: SU: 1032 Fills: SU: 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 M <input checked="" type="checkbox"/> Nails r <input checked="" type="checkbox"/> Tiles r <input type="checkbox"/> Marble <input checked="" type="checkbox"/> Amphorae r <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 type="checkbox"/> Mortar <input type="checkbox"/> Opus signinum <input type="checkbox"/> Coins <input checked="" type="checkbox"/> Painted plaster r <input checked="" type="checkbox"/> Metal (specify) r <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Collapse debris <input type="checkbox"/> Other (specify) <input type="checkbox"/> Glass	<input type="checkbox"/> Tufo (specify) <input type="checkbox"/> Travertine <input type="checkbox"/> Other Limestone <input type="checkbox"/> Basalt <input checked="" type="checkbox"/> Clay r <input checked="" type="checkbox"/> Sand r <input checked="" type="checkbox"/> Silt f <input type="checkbox"/> Pebbles (range) <input type="checkbox"/> Gravel (range)	<input checked="" type="checkbox"/> Charcoal r <input type="checkbox"/> Ash <input checked="" type="checkbox"/> Animal bones m <input type="checkbox"/> Human bones <input checked="" type="checkbox"/> Animal teeth r <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)	clay 3% silt 85% sand 12% <input checked="" type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive Compaction: <input type="checkbox"/> Hard <input type="checkbox"/> Compact <input checked="" 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 checked="" type="checkbox"/> Light Brown <input type="checkbox"/> Light Gray <input type="checkbox"/> White <input type="checkbox"/> Yellow <input type="checkbox"/> Red <input checked="" 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: 1032	Abuts:
Is covered by: 1032	Covers: 1001
Is cut by: SU 1403	Cuts:
Is filled by:	Fills:

OBSERVATIONS: The SU lies between a quarry fill and a road. (wall of road = 1031)

DESCRIPTION: Position within sector: Eastern (south) area of Area B, 2011. East of SU 1403
 Shape: Square

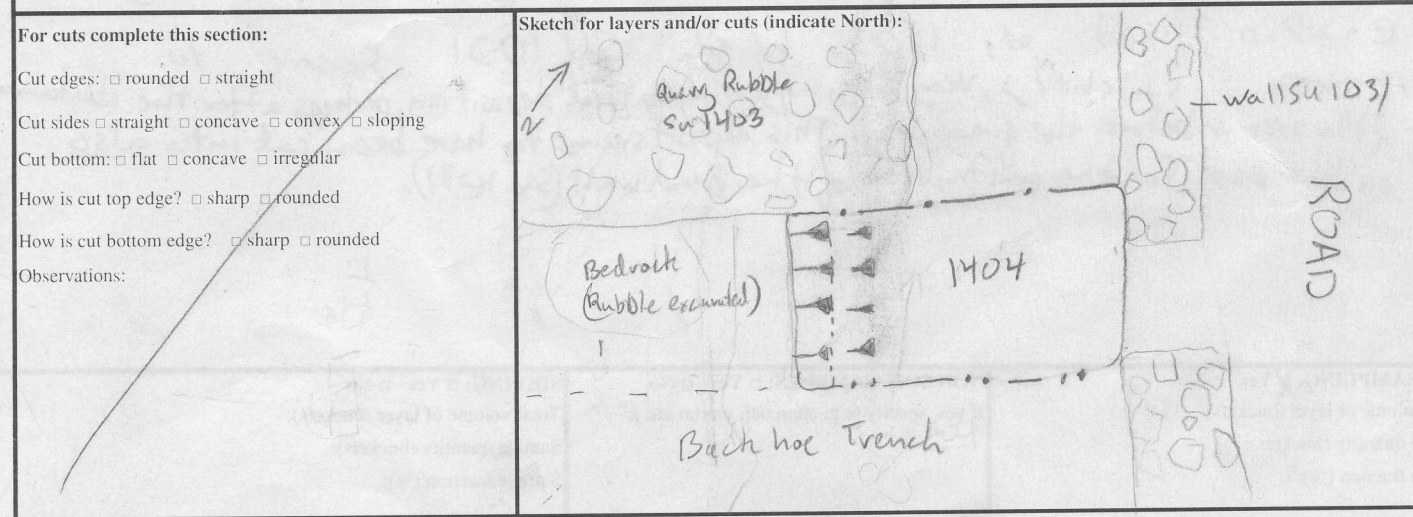
For layers complete this section:

Surface (slope direction; visible inclusions): —

Observations about inclusions (Clusters? Deposition slope): Northeastern excavation limit, we noticed a locus of pottery

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:

Sketch (if applicable, indicate North)

INTERPRETATION

Silty deposit, which predates quarry fill along eastern limit of 1903. Wall SU 1031 seems to curve slightl^y. Very silty, suggesting natural deposition, perhaps after the abandonment of the area & before the quarrying. This deposit seems to have been cut into also on the east, for the construction of the road wall (SU 1031).

SOIL SAMPLING: Yes No

Total volume of layer (buckets): 13+

Sample quantity (buckets): 2

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 COB, JH

Revised by J. FARR

PDFd by ECR

Entered by

on 19/7/2011

on 22/7/2011

on 27-7-2011

on