

SITE GPR	YEAR 2010	AREA A	SECTOR	ELEVATION Min: 64.7968 Max: 64.8424	STRATIGRAPHICAL UNIT 434 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropogenic	
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In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Photos: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 999-1000	Photo Model: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #:
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DEFINITION Concentration of ash in area of structure	Covered by <input checked="" type="checkbox"/> SU: 419	Fills <input type="checkbox"/> SU:	Filled by <input type="checkbox"/> SU:
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HOW IS LAYER DISTINGUISHED? <input checked="" type="checkbox"/> Color <input checked="" type="checkbox"/> Composition <input checked="" type="checkbox"/> Compaction	FORMATION PROCESS <input type="checkbox"/> Accumulation <input type="checkbox"/> Construction <input type="checkbox"/> Cutting <input type="checkbox"/> Erosion <input type="checkbox"/> Collapse <input checked="" type="checkbox"/> Intentional deposition
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INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are			SOIL/MATRIX clay ___% silt ___% sand ___% <input type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive Ash - 100% - very fine
Anthropic	Geological	Organic	
<input checked="" type="checkbox"/> Pottery R <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 checked="" type="checkbox"/> Metal (specify) iron-R <input type="checkbox"/> Collapsed debris <input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Tufo (specify) R <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 checked="" type="checkbox"/> Pebbles (range) 5mm-1cm <input type="checkbox"/> Gravel (range)	<input checked="" type="checkbox"/> Charcoal R <input checked="" type="checkbox"/> Ash F <input checked="" type="checkbox"/> Animal bones R <input type="checkbox"/> Human bones <input type="checkbox"/> Animal teeth <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)	Compaction <input type="checkbox"/> Hard <input type="checkbox"/> Compact <input type="checkbox"/> Friable <input type="checkbox"/> Loose <input checked="" type="checkbox"/> Soft
			Color <input type="checkbox"/> Black <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Light Brown <input checked="" type="checkbox"/> Light Gray <input checked="" 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)	Depth: <input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original
Northern Limit <input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit Southern Limit <input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit Western Limit <input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit Eastern Limit <input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit	} uncertain

STRATIGRAPHICAL SEQUENCE	
Is equal to:	Is bound to (only for masonry):
Is abutted by:	Abuts:
Is covered by: 419	Covers: 450
Is cut by:	Cuts:
Is filled by:	Fills:

OBSERVATIONS
white-gray ashy layer. Thickness varied - seemed to be concentrated in the SE part of the layer in a depression with crumbly tufo (orange) on the NW side and rubble on the SE

DESCRIPTION
Position within sector: Central part of Area A on the W side of the house.
Shape: Irregular.

For layers complete this section:
Surface (slope direction: visible inclusions): slopes slightly down to the W; very few visible inclusions - a few pebbles (1-2 cm), two sherds of pottery.
Observations about inclusions (Clusters? Deposition slope): Very few inclusions in layer - charcoal came from the W side of the largest concentration of ash (see sketch).
Observations about thickness (Increases? Decreases?): Ash concentrated and thickest in a depression on the SE side of the layer.
Nature of the interface with layer below: sharp diffuse commingled other (specify)

For cuts complete this section:

Cut edges: rounded straight

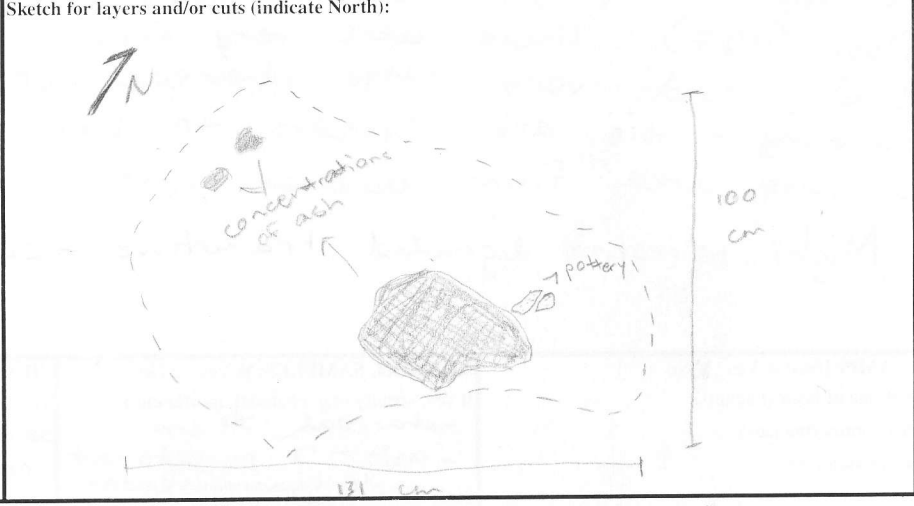
Cut sides: straight concave convex sloping

Cut bottom: flat concave irregular

How is cut top edge? sharp rounded

How is cut bottom edge? sharp rounded

Observations:



Handwritten signature or notes at the bottom of the page.

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

Concentration of very fine white-gray ash on the W side of the house, just NW of the visible crushed tufo floor (427). There were very few inclusions of any kind and very little charcoal or other signs of burning - the ash appears to have been redeposited in this area from another unknown location.

Might represent degraded travertine - awaiting micro-morphology results.

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.):

- charcoal > 1 cm
- ash - 2 buckets sent to environmental lab

Size:

SIEVING: Yes No

Total volume of layer (buckets): 1/4

Sample quantity (buckets): 1/4

Sample fraction (%): 100%

STRATIGRAPHICAL RELIABILITY

Good Fair Poor

Filled-out by	E. Adkins	on	20 July 2010
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Entered by		on	