
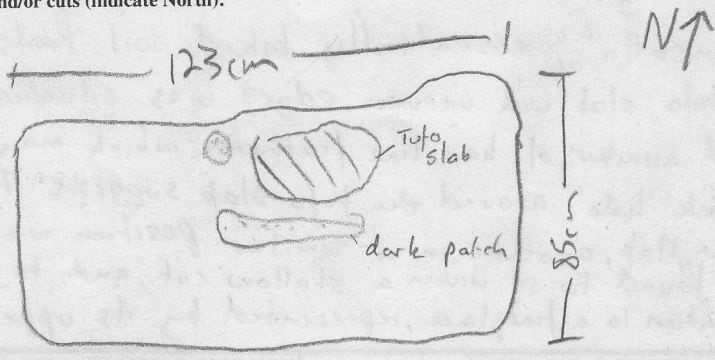
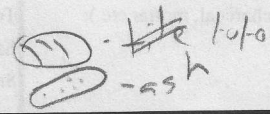


SITE	YEAR	AREA	SECTOR	ELEVATION	STRATIGRAPHICAL UNIT		University of Minnesota Natural Resources Institute Gabrii Proj
GPR	11	C		Min: 61.2806 Max: 61.3542	2284 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic		
In cross-section? <input type="checkbox"/> Yes <input type="checkbox"/> No			In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Photos: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 2219-21	Photo Model: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 266	
DEFINITION Rectangular fireplace w/ tile in center				Covered by <input checked="" type="checkbox"/> SU: 2281	Fills <input type="checkbox"/> SU:	Filled by <input type="checkbox"/> SU:	
HOW IS LAYER DISTINGUISHED? <input checked="" type="checkbox"/> Color <input type="checkbox"/> Composition <input 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				
INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are				SOIL/MATRIX			
Anthropic		Geological		Organic		clay ___% silt 90% sand 10%	
<input checked="" type="checkbox"/> Pottery <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 type="checkbox"/> Metal (specify) <input type="checkbox"/> Collapse debris <input type="checkbox"/> Glass		<input type="checkbox"/> Nails <input type="checkbox"/> Marble <input type="checkbox"/> Quarried debris <input type="checkbox"/> Slag <input type="checkbox"/> Brick <input type="checkbox"/> Basalt slabs <input type="checkbox"/> Opus signinum <input type="checkbox"/> Painted plaster <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Other (specify)		<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 checked="" 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)	
						Compaction <input type="checkbox"/> Hard <input type="checkbox"/> Compact <input checked="" type="checkbox"/> Friable <input type="checkbox"/> Loose <input type="checkbox"/> Soft	
						Color <input checked="" 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 checked="" type="checkbox"/> Red <input type="checkbox"/> Light Yellow <input type="checkbox"/> Other (specify)	
UNIT LIMITS (also indicate on overlay)							
Northern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit				Depth: <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original			
Southern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit							
Western Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit							
Eastern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit							
STRATIGRAPHICAL SEQUENCE							
Is equal to:				Is bound to (only for masonry):			
Is abutted by:				Abuts:			
Is covered by: 2281				Covers: 2296			
Is cut by:				Cuts:			
Is filled by:				Fills:			
OBSERVATIONS Almost perfectly rectangular, center tile is surrounded by an arc of black ash, rectangle rectangle is defined by red soil → a hearth or cooking surface of sorts							
DESCRIPTION Position within sector: S of channel, near Area E road Shape: rectangular							
For layers complete this section:							
Surface (slope direction; visible inclusions): slope slightly E → W, tile (cooking?) tufo slab (for cooking?)							
Observations about inclusions (Clusters? Deposition slope): tufo slab located near center of SU							
Observations about thickness (Increases? Decreases?): 5 cm							
Nature of the interface with layer below: <input checked="" type="checkbox"/> sharp <input type="checkbox"/> diffuse <input type="checkbox"/> commingled <input type="checkbox"/> other (specify)							
For cuts complete this section:				Sketch for layers and/or cuts (indicate North):			
Cut edges: <input type="checkbox"/> rounded <input type="checkbox"/> straight							
Cut sides: <input type="checkbox"/> straight <input type="checkbox"/> concave <input type="checkbox"/> convex <input type="checkbox"/> sloping							
Cut bottom: <input type="checkbox"/> flat <input type="checkbox"/> concave <input type="checkbox"/> irregular							
How is cut top edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded							
How is cut bottom edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded							
Observations:							

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 contd.
 Although the S.V. sat within a cut, the boundaries of the burning were very sharply defined. Possibly the limits of the fireplace were originally defined by other objects (stones, tiles etc.), now missing.

INTERPRETATION

Deposit appeared to comprise burnt adobe before excavation began. During excavation it became apparent that the soil matrix comprised "concoffa", essentially baked soil. Parts of it were intensely red. A tufo slab with uneven edges was situated in the centre of the S.V. It had a good number of hair-line fractures which may have been caused by intense heat. A black "hole" around the tufo slab suggests it was burnt in situ. After the removal of the slab, another, in a similar position was found beneath it in S.V. 2296. S.V. 2296 was found to sit within a shallow cut, and together with 2296 appears to have functioned as insulation to a fireplace, represented by its upper surface.

SOIL SAMPLING: Yes No

Total volume of layer (buckets): 6

Sample quantity (buckets): 4

Sample fraction (%): 66

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	Evans Jamie	on	18.7.11
Revised by	J. Scum	on	30.7.11
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Entered by		on	