

SITE GPR	YEAR 2010	AREA A	SECTOR	ELEVATION Min: 64.7518 Max: 64.8108	STRATIGRAPHICAL UNIT 537 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic															
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 #:	Photo Model: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No #:															
DEFINITION Area of soil around and beneath 536 containing burnt bone				Covered by XSU: 536	Fills <input checked="" type="checkbox"/> SU:	Filled by <input type="checkbox"/> SU:														
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																	
INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are					SOIL/MATRIX clay 0% silt 98% sand 2%															
Anthropic		Geological		Organic		<input checked="" type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive  <table border="1"> <tr> <th>Compaction</th> <th>Color</th> </tr> <tr> <td><input type="checkbox"/> Hard</td> <td><input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown</td> </tr> <tr> <td><input type="checkbox"/> Compact</td> <td><input checked="" type="checkbox"/> Gray <input checked="" type="checkbox"/> Light Brown</td> </tr> <tr> <td><input checked="" type="checkbox"/> Friable</td> <td><input type="checkbox"/> Light Gray <input type="checkbox"/> White</td> </tr> <tr> <td><input 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> </table>	Compaction	Color	<input type="checkbox"/> Hard	<input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown	<input type="checkbox"/> Compact	<input checked="" type="checkbox"/> Gray <input checked="" type="checkbox"/> Light Brown	<input checked="" type="checkbox"/> Friable	<input type="checkbox"/> Light Gray <input type="checkbox"/> White	<input 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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<input checked="" type="checkbox"/> Pottery R <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 checked="" type="checkbox"/> Metal (specify) R <input type="checkbox"/> Collapsed 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 checked="" type="checkbox"/> Tufo (specify) gray - M <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 checked="" type="checkbox"/> Charcoal R <input type="checkbox"/> Ash <input checked="" type="checkbox"/> Animal bones (some burned) F <input type="checkbox"/> Human bones <input type="checkbox"/> Animal teeth <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)																	
UNIT LIMITS (also indicate on overlay)						Depth: <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original														
Northern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit																				
Southern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit																				
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STRATIGRAPHICAL SEQUENCE																				
Is equal to:			Is bound to (only for masonry):																	
Is abutted by:			Abuts:																	
Is covered by: 536, 461			Covers: 537, 1																	
Is cut by:			Cuts:																	
Is filled by:			Fills:																	
OBSERVATIONS Area of burned and non-burned animal bone and a small dark patch that may represent burning activity surrounding and underneath vessel 536 (Δ239). Δ291 (miniature pot) in SU 461 was also near this area (to the E)																				
DESCRIPTION Position within sector: Central part of Area A, in the NW corner of the "house" next to the W wall (SU 541) Shape: Roughly ovoid.																				
For layers complete this section: Surface (slope direction: visible inclusions): No visible slope; inclusions are burned bone and non-burned bone, a dark patch that may be a result of burning, some tufo stones (ca. 5cm and less), one fragment of pottery. Observations about inclusions (Clusters? Deposition slope): More bone and burned bone around and under SU 536 (=Δ239, intact bowl); darker patch also contained burned bone. Observations about thickness (Increases? Decreases?): Fairly even thickness throughout layer (ca. 5cm depth). 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: 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:			Sketch for layers and/or cuts (indicate North):  T = tufo B = basalt # = areas with burned bone ● = dark grey/black patch (burning)																	

**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)**

\* The position of the vessel & the burnt deposit in the NW corner of the "house" (with the "corner" comprising the N end of wall 541 and the E-W running ledge in the bedrock at the N end of the structure) possibly signifies that 536 + 537 were deposited after the house was constructed & were placed within a cut feature (cutting s.u. 461 & perhaps s.u. 505) that we were unable to see. In the absence of such a visible cut, there is little option but to place 536 + 537 beneath 461 in the Harris matrix (in other words assign them to a pre-construction phase) but it should be noted that this might be erroneous.

**INTERPRETATION**

Area of burned bone and other evidence of burning found around and under an intact bowl (su 536 = Δ239); the two SUs (536 and 537) appear to be related. Both are with the area of the "house" in the NW corner next to wall 541 and may represent a votive deposit. A miniature pot (Δ241), possibly also a votive deposit, was found just E of 536 and 537 in su 461. \*

**SOIL SAMPLING:**  Yes  No

Total volume of layer (buckets): 1

Sample quantity (buckets): 1

Sample fraction (%): 100%

**NON SOIL SAMPLES:**  Yes  No

If yes, specify (e.g. charcoal, mortar etc.):

charcoal

Size: >0.5 cm

**SIEVING:**  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

**STRATIGRAPHICAL RELIABILITY**

Good  Fair  Poor

Filled-out by	E. Adkins	on	2 August 2010
Revised by	J. Sewell	on	2-8-2010
PDFd by		on	
Entered by		on	