

SITE GPR	YEAR 2010	AREA B	SECTOR	ELEVATION Min: 63.4078 Max: 63.6958	STRATIGRAPHICAL UNIT 1174 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic	Gabil Project
				In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
DEFINITION FILL OF CONSTRUCTION CUT OF WALL 1058				Covered by SU: 1010	Fills <input checked="" type="checkbox"/> SU: 1175	Filled by SU:
HOW IS LAYER DISTINGUISHED? <input type="checkbox"/> Color <input checked="" type="checkbox"/> Composition <input type="checkbox"/> Compaction			FORMATION PROCESS <input type="checkbox"/> Accumulation <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Cutting <input type="checkbox"/> Erosion <input type="checkbox"/> Collapse <input type="checkbox"/> Intentional deposition			
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	
Anthropic		Geological		Organic		
<input checked="" type="checkbox"/> Pottery <input type="checkbox"/> Nails <input checked="" type="checkbox"/> Tiles <input type="checkbox"/> Marble <input type="checkbox"/> Amphorae <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 type="checkbox"/> Painted plaster <input type="checkbox"/> Metal (specify) <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Collapse debris <input type="checkbox"/> Other (specify) <input type="checkbox"/> Glass		<input checked="" type="checkbox"/> Tufo (specify) Bedrock and tufo slabs <input checked="" 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 <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 checked="" type="checkbox"/> Shells <input type="checkbox"/> Other (specify)		
					Compaction: <input type="checkbox"/> Hard <input checked="" type="checkbox"/> Compact <input type="checkbox"/> Friable <input type="checkbox"/> Loose <input type="checkbox"/> Soft Color: <input type="checkbox"/> Black <input type="checkbox"/> Brown <input checked="" type="checkbox"/> Gray <input type="checkbox"/> Light Brown <input type="checkbox"/> Light Gray <input 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)						
Northern Limit		<input type="checkbox"/> Original <input type="checkbox"/> Not Original		<input checked="" type="checkbox"/> Excavation Limit		Depth: <input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original
Southern Limit		<input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original		<input checked="" 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: SU 1135			
Is covered by: 1016			Covers:			
Is cut by:			Cuts:			
Is filled by:			Fills: SU 1175			
OBSERVATIONS The fill follows the line of wall SU 1058, and appears to correspond to wall SU 1162 although their relationship is not yet clear. Wall slabs at the southern most end of fill rest to 1162.						
DESCRIPTION Position within sector: SW corner of Area B Shape: rectilinear shape, follows the line of wall SU 1058						
For layers complete this section: Surface (slope direction; visible inclusions): slopes down to south w/ the natural surface of the area Observations about inclusions (Clusters? Deposition slope): Rubble fill Observations about thickness (Increases? Decreases?): thickness is consistent, but at 5 meters seems to be composed of Nature of the interface with layer below: <input type="checkbox"/> sharp <input type="checkbox"/> diffuse <input checked="" type="checkbox"/> commingled <input type="checkbox"/> other (specify) bedrock rather than rubble						
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): from side Length 5.75m Width 0.77m View from above ← N Bed rock Wall SU 1058 Curved featu			

**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**

<sup>not</sup>  
 The fill is definitely related to tufo wall SU 105B. It is not yet clear whether 105B acts as a retaining wall for a wall of the same nature and composition as SU 116Z or if the fill represents the construction cut for wall 105B (it doesn't).  
 The composition of the fill changes from rubble to bedrock at circa 5m but this change cannot be explained without further excavation. Further excavation demonstrates ~~as~~ ~~an~~ ash has recycled ashlar wall blocks at the bottom of the fill abutting SU 116Z. At this level travertine blocks could also be found projecting from SU 1169 - the easternmost edge of the cut cut 1175

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.):

Size:

SIEVING:  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

(\*) D. Francis; M. Pry 20-07-10

**STRATIGRAPHICAL RELIABILITY**

Good  Fair  Poor

Filled-out by Megan Goldman-Peterson on 14/07/10

Revised by CMM on 20/07/2010

PDF'd by JJM on 23.07.2010

Entered by on