

|             |              |           |        |   |  |               |
|-------------|--------------|-----------|--------|---|--|---------------|
| SITE<br>GPR | YEAR<br>2011 | AREA<br>A | SECTOR | ELEVATION<br>Min: 64.51<br>Max: 64.63   | STRATIGRAPHICAL UNIT<br>598<br><input type="checkbox"/> Natural <input 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  
Patch of orange silty soil with spread stones

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 R<br><input type="checkbox"/> Tiles<br><input type="checkbox"/> Amphorae<br><input type="checkbox"/> Dolia<br><input type="checkbox"/> Mosaic tile(s)<br><input type="checkbox"/> Mortar<br><input type="checkbox"/> Coins<br><input type="checkbox"/> Metal (specify)<br><input type="checkbox"/> Collapse debris<br><input type="checkbox"/> Glass | <input checked="" type="checkbox"/> Tufo (specify)<br><input type="checkbox"/> Travertine<br><input type="checkbox"/> Other Limestone<br><input type="checkbox"/> Basalt<br><input type="checkbox"/> Clay<br><input type="checkbox"/> Sand<br><input type="checkbox"/> Silt<br><input type="checkbox"/> Pebbles (range)<br><input type="checkbox"/> Gravel (range)                          | <input type="checkbox"/> Charcoal<br><input type="checkbox"/> Ash<br><input type="checkbox"/> Animal bones<br><input type="checkbox"/> Human bones<br><input checked="" type="checkbox"/> Animal teeth R<br><input type="checkbox"/> Human teeth<br><input type="checkbox"/> Shells<br><input type="checkbox"/> Other (specify) | clay ___% silt 80% sand 20%<br><input 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<br/> <input type="checkbox"/> Compact<br/> <input checked="" type="checkbox"/> Friable<br/> <input type="checkbox"/> Loose<br/> <input type="checkbox"/> Soft               </td> <td> <input type="checkbox"/> Black <input type="checkbox"/> Brown<br/> <input type="checkbox"/> Gray <input type="checkbox"/> Light Brown<br/> <input checked="" type="checkbox"/> Light Gray <input type="checkbox"/> White<br/> <input type="checkbox"/> Yellow <input type="checkbox"/> Red<br/> <input type="checkbox"/> Light Yellow<br/> <input checked="" type="checkbox"/> Other (specify) orange               </td> </tr> </table> | Compaction | Color | <input type="checkbox"/> Hard<br><input type="checkbox"/> Compact<br><input checked="" type="checkbox"/> Friable<br><input type="checkbox"/> Loose<br><input type="checkbox"/> Soft | <input type="checkbox"/> Black <input type="checkbox"/> Brown<br><input type="checkbox"/> Gray <input type="checkbox"/> Light Brown<br><input checked="" type="checkbox"/> Light Gray <input type="checkbox"/> White<br><input type="checkbox"/> Yellow <input type="checkbox"/> Red<br><input type="checkbox"/> Light Yellow<br><input checked="" type="checkbox"/> Other (specify) orange |
| Compaction   | Color   |   |  |            |       |   |   |
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UNIT LIMITS (also indicate on overlay)

Northern Limit  Original  Not Original  Excavation Limit

Southern Limit  Original  Not Original  Excavation Limit

Western Limit  Original  Not Original  Excavation Limit

Eastern Limit  Original  Not Original  Excavation Limit

Depth:  Original  Not Original

STRATIGRAPHICAL SEQUENCE

Is equal to: \_\_\_\_\_ Is bound to (only for masonry): \_\_\_\_\_

Is abutted by: \_\_\_\_\_ Abuts: \_\_\_\_\_

Is covered by: 516 \_\_\_\_\_ Covers: 1

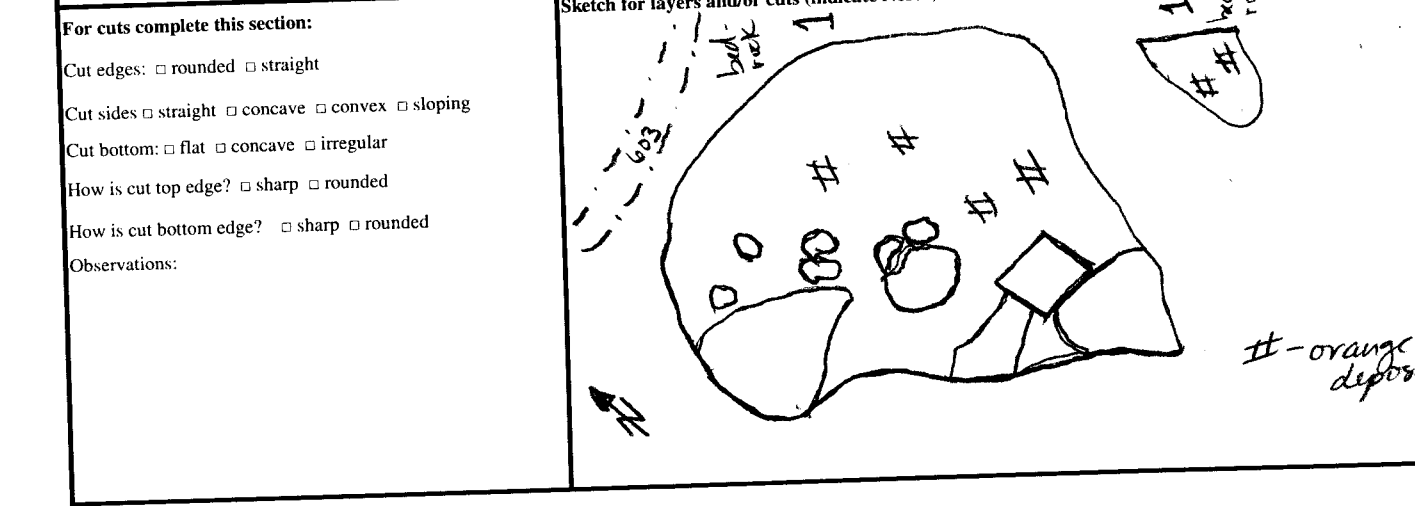
Is cut by: \_\_\_\_\_ Cuts: \_\_\_\_\_

Is filled by: \_\_\_\_\_ Fills: \_\_\_\_\_

OBSERVATIONS  
 Begun excavation by trowel on June 17, 2011.

DESCRIPTION  
 Position within sector: Located in the NW quadrant of Area A, below 516 and above bedrock 1.  
 Shape: Deposit consists of two patches: one larger circular to N, smaller oblong to S.  
 Roughly circular.

For layers complete this section:  
 Surface (slope direction; visible inclusions): Slight slope N → S; spread of medium to large stones;  
 Observations about inclusions (Clusters? Deposition slope): medium to large stones; small patches of orange material (clasts?)  
 Observations about thickness (Increases? Decreases?): Thin (2-3cm) where it meets bedrock at E; elsewhere, regular at ~10-20cm.  
 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**

Deposit 598 seems to part of the same accumulation process as 587 and 511e. The primary difference is that it included a spread of flat-lying stones and a disintegrated block of tufo.

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 (%):

**STRATIGRAPHICAL RELIABILITY**

Good  Fair  Poor

|               |     |    |               |
|---------------|-----|----|---------------|
| Filled-out by | JME | on | June 17, 2011 |
| Revised by    |     | on |               |
| PDFd by       |     | on |               |
| Entered by    |     | on |               |