


SITE GPR	YEAR 2011	AREA E	SECTOR	ELEVATION Min: 61.976 Max: 62.482	STRATIGRAPHICAL UNIT 4001 <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Anthropoc	 University of Michigan History Museum of Archaeology 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		Photos: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No # 2178-2180	

DEFINITION Fill of drainage channel (4002)	Covered by <input checked="" type="checkbox"/> SU: 0	Fills <input checked="" type="checkbox"/> SU: 4002	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 checked="" type="checkbox"/> Accumulation <input type="checkbox"/> Construction <input type="checkbox"/> Cutting <input type="checkbox"/> Erosion <input type="checkbox"/> Collapse <input type="checkbox"/> Intentional deposition
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INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are			SOIL/MATRIX clay <input type="checkbox"/> % silt <input checked="" type="checkbox"/> 100 % sand <input type="checkbox"/> % <input type="checkbox"/> Granular <input checked="" type="checkbox"/> Layered <input type="checkbox"/> Cohesive
Anthropic	Geological	Organic	Compaction <input type="checkbox"/> Hard <input type="checkbox"/> Compact <input type="checkbox"/> Friable <input checked="" type="checkbox"/> Loose <input type="checkbox"/> Soft
<input checked="" type="checkbox"/> Pottery m <input checked="" type="checkbox"/> Nails r <input type="checkbox"/> Tiles m <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 checked="" type="checkbox"/> Mosaic tile(s) r <input type="checkbox"/> Basalt slabs <input type="checkbox"/> Mortar <input type="checkbox"/> Opus signinum <input type="checkbox"/> Coins <input type="checkbox"/> Painted plaster <input checked="" type="checkbox"/> Metal (specify) r iron, bronze <input type="checkbox"/> Collapse debris <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Glass <input type="checkbox"/> Other (specify)	<input checked="" type="checkbox"/> Tufo (specify) m <input checked="" type="checkbox"/> Travertine r <input type="checkbox"/> Other Limestone <input checked="" type="checkbox"/> Basalt r <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 r <input type="checkbox"/> Human bones <input checked="" type="checkbox"/> Animal teeth r <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)	Color <input 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 type="checkbox"/> Red <input type="checkbox"/> Light Yellow <input type="checkbox"/> Other (specify)

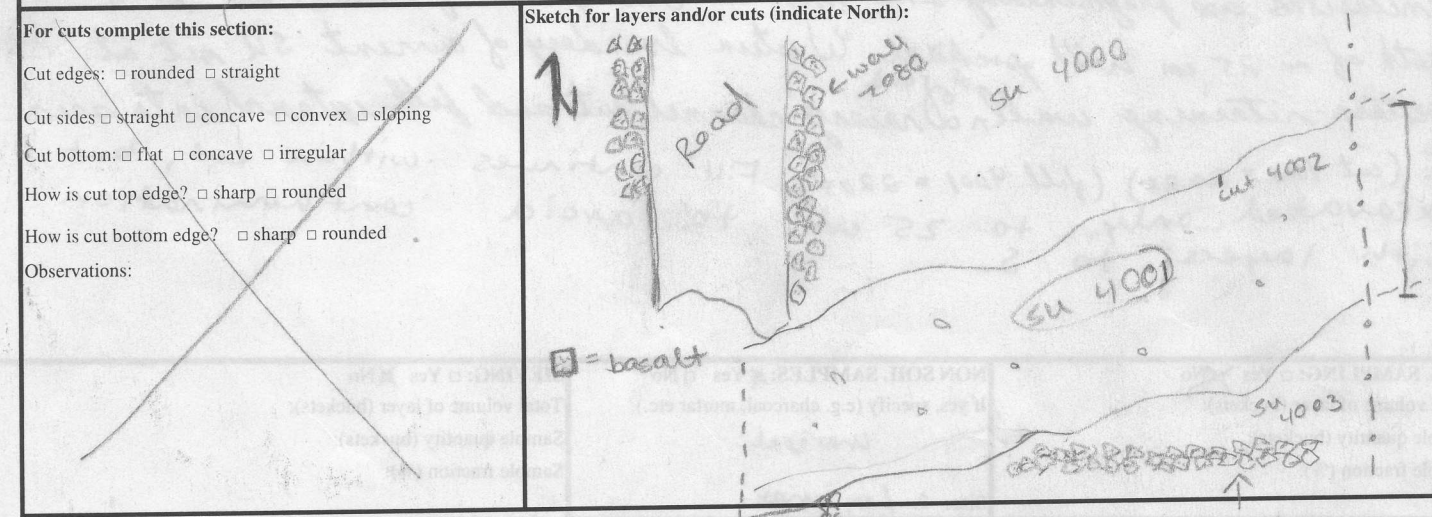
UNIT LIMITS (also indicate on overlay)	Depth: <input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original
Northern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit	
Southern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit	
Western Limit <input type="checkbox"/> Original <input type="checkbox"/> Not Original <input checked="" type="checkbox"/> Excavation Limit	
Eastern Limit <input type="checkbox"/> Original <input type="checkbox"/> Not Original <input checked="" type="checkbox"/> Excavation Limit	

STRATIGRAPHICAL SEQUENCE	Is bound to (only for masonry):
Is equal to:	Abuts:
Is abutted by:	Covers:
Is covered by: 0	Cuts:
Is cut by:	Fills: 4002
Is filled by:	

OBSERVATIONS  
Cut 4002 + fill 4001 visible in E bank, so depth not original. W edge of layer an excavation limit in middle of road. The layer is dug in part, for 25 cm. Rained heavily on 5.7.2011; edges difficult to find.

DESCRIPTION  
Position within sector: N part of Area E  
Shape: Linear  
SW part excavated on 14.7.2011 to finish exposing edge of cut 4002 N of glacial road.

For layers complete this section:  
Surface (slope direction; visible inclusions): Slopes slightly to SW; visible inclusions are pottery, tile, pebble-sized tufo + basalt throughout surface.  
Observations about inclusions (Clusters? Deposition slope): Inclusions fairly evenly distributed throughout excavated part of layer.  
Observations about thickness (Increases? Decreases?): Unknown - layer partially excavated to 25cm within cut.  
Nature of the interface with layer below:  sharp  diffuse  commingled  other (specify) Partially excavated - layer below not exposed.



TO TOPO

mm mm

mm

13.5m

**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**

*Layer of silt, natural accumulation within the large drainage channel (4002)  
 Inclusions are fragmentary and mixed. Fill partially excavated to a  
 depth of ~ 25 cm with pickaxe. Western boundary of current SU set at  
 western retaining wall. Drainage channel cut and fill extend into area  
 (cut 4002 = 2026), (fill 4001 = 2207). Fill continues within cut, but  
 excavated only to 25 cm to avoid contamination  
 with layers to S.*

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*  
 Size: *c. 1cm max.*

SIEVING:  Yes  No  
 Total volume of layer (buckets):  
 Sample quantity (buckets):  
 Sample fraction (%):

**STRATIGRAPHICAL RELIABILITY**

Good  Fair  Poor

Filled-out by	<i>J. Hainik, J. Grinn</i>	on	<i>11/7/2011</i>
Revised by	<i>E. Adkins</i>	on	<i>11.7.2011</i>
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Entered by		on	