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EPV 006 Geller Field Notes 2007

Pamela Geller

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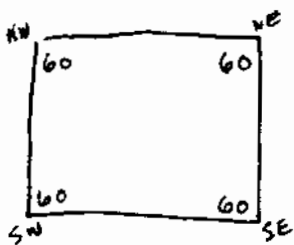
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Subop.
26

7 June 2007

2007-17-1

Subop. 26 Str. A. Lot #3 is a 40-60 cm.



It is in EU A. Near the bottom of the lot there seems to be a color change to grayish

Contents:

3 obsidiana

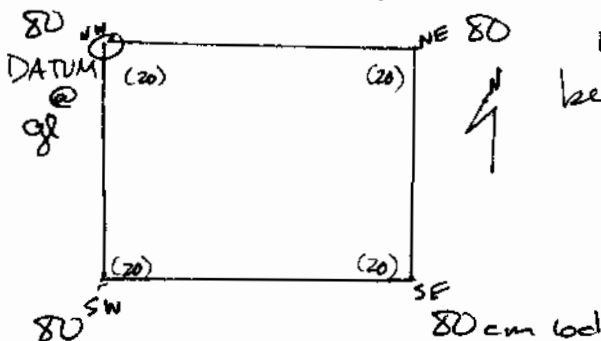
3 bajareque

18 ceramicas

Soils:

Misa & Salvare

Continuing in Sub-op 26 Structure A Lot #4 another 20 cm down (60-80 cm) in EU A. Soil seems to be becoming more gray, which suggests we may be in the building's fill



Contents: 4 ceramicas

3 obsidiana

2 perdernal

Soil: dk bn hard clay.

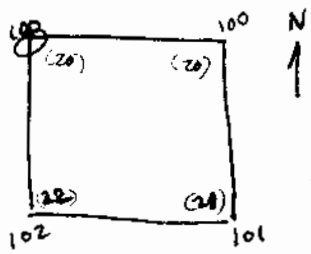
We are starting lot #5, another 20 cm lot (80-100) in EU A.

8 June 2007

2007-~~1~~⁶-2

Subop 2b

Misa and Salva are continuing w/ Lot 5 from yesterday a 20 cm lot about 80-100 cm bgl in EUA.

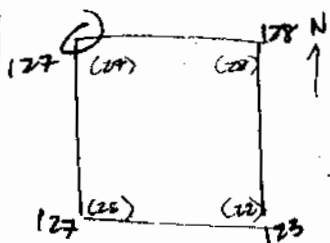


No artifacts collected.

The soil is a dense clay that according to the Munsell chart is about 10YR (hue) between 5/6 and 5/8 (yellowish brown).

It seems we are in fill of a building.

New lot - lot 6, another 20 cm, which brings us to about 100-120 cm bgl



The clay is homogeneous and looks like the previous lots. Tentative early interpretation is that this building was constructed all at once (unlike the structures at Las Orquideas)

They were excavating this when I left @ 11:00. One bag w/ artifacts was left open. Finished up and measured on Monday.

Not much change in soil colors or type from previous lot

CONTENTS

22 CERAMICS

4 LITHICS

4 OBSIDIAN

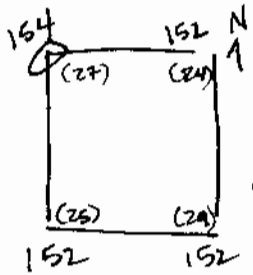
3 BATAREQUE

CARBON

11 Junio 2007

2007-6-3

SUBOP 26
EVA



Lot 7 is another 20cm lot, approximately between 120-140 cm bgl. Unfortunately, Misa & Salva went a little deeper than needed. ~~the upper part of this lot~~ ~~observed~~ is not different from that which came above it.

Tomorrow start another 20cm (but need to get a ladder).

There seems to be a soil change emerging

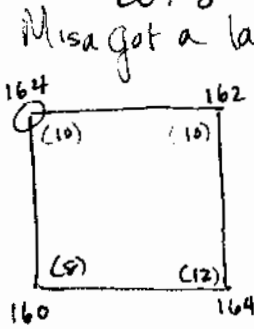
- CONTENTS
- 12 CERAMICS
 - 2 BAJAREQUE
 - 1 PEDERNAL
 - 4 OBSIDIAN
 - ? CARBON

12 JUNIO 2007

2007-6-4

SUBOP 26
EUA

Lot 8



Misa got a ladder because the trench is so deep it is now difficult to get out of. There is a distinct soil change now, which starts at about 130 cm bgl. It is a darker color which suggests an earlier structure.

Lot 8 is a smaller lot to get the guys back on track. It is about 10cm, so about 150-160 cm bgl. There were no artifacts collected.

Lot 9 is squarely w/in the color change. This lot will be a 20 cm, between approximately 160-180 cm bgl. At around 180 cm bgl and in the SW corner carbon was encountered. In general, however, there are few artifacts coming from this lot. Soil is dark yellowish brown - though mottled in color.

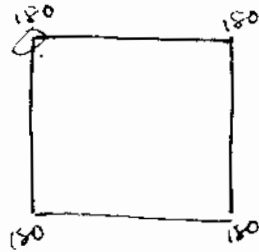
CONTENTS

CARBON

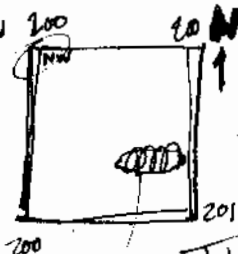
2 OBSIDIAN

4 BAJAREQUE

10 CERAMICS



Lot 10 is well into the structure, as indicated by the different soil color. There are in fact 2 colors. This lot is 20cm, about 180-200 cm bgl.



There is a large ash feature coming up 19.8cm down in the unit.

This feature is 34cm from the east wall and 45cm from the south wall. It is 20cm from east to west and 5cm north to south.

there is a large deposit of carbon
27 from the W wall
41 from the S wall
190cm bgl

turned up out to be nothing

Mottled clay Murrell ~~7/16~~ YR between 5/6 & ~~4/6~~ 4/6
(yellowish brown) & dk. yellowish brown
and 3/3 (dark brown) this seems to be coming out closer to the ash layer

CONTENTS

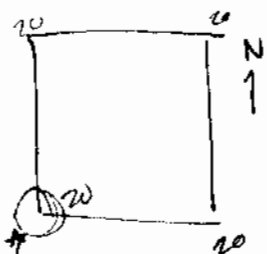
14 CERAMICS

1 OBSIDIAN CARBON

13 JUNIO 2007

2007-6-5

SUBOP 26
EUB



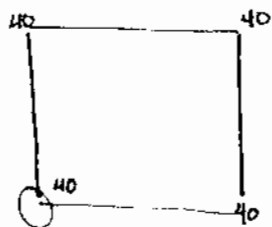
measured from
the SW corner

CONTENTS

- 5 OBSIDIAN
- 37 CERAMICS
- 3 BAJAREQUE
- 2 PEDERNAL
- CARBON

Lot 11 in EUB, 20 cm bgl about 0-20 cm in total. This lot is primarily the topsoil capping the ancient structure

Carbon found at 14 cm bgl, 30 cm from the South wall and 12 cm from the western wall



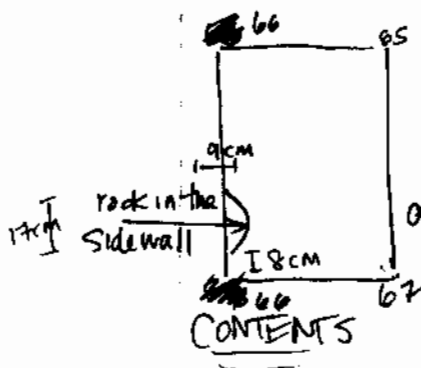
CONTENTS

- CARBON
- 43 CERAMICA
- 4 OBSIDIANA
- 9 BAJAREQUE
- 1 PEDERNAL

Lot 12, 20 cm lot about 40 cm bgl. It is highly likely that the artifacts discovered in this lot were moved around from planting and plowing.

Carbon was discovered 30 cm from the south and 50 cm from the east and about 40 cm down

According to the Munsell the hue is 10YR, 4/6 and it is dark yellow brown. It is a clay w/ inclusions like small rocks, bajareque



CONTENTS

- 16 CERAMICS
- 2 OBSIDIAN
- 2 PEDERNAL
- 5 BAJAREQUE
- CARBON

Lot 13, a 20 cm lot that is 40-60 cm bgl

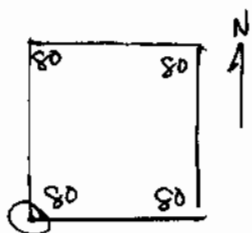
We need to measure the corners. This lot is a continuation of lot 12 w/ regard to soil type

& color, but just at the bottom of it in the northern wall there is a soil change to yellowish brown

14 JUNIO 2007

2007-6-6

SUBOP 26
EAB



Lot 14

This lot is another 20 cm lot, approximately between 60 - 80 cm bgl. I expect to see a soil change in this lot given the emergence of a yellowish brown clay in the northern side wall, during the end of excavating Lot 13.

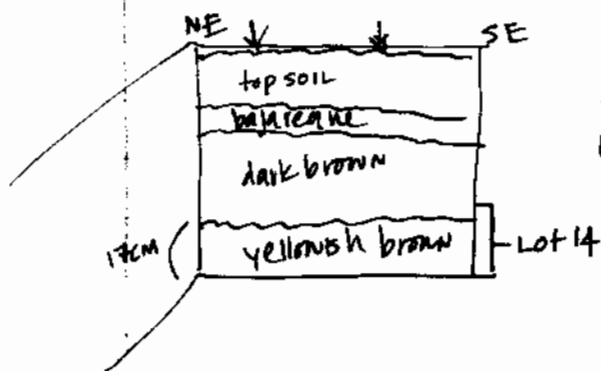
CONTENTS

7 CERAMICS
CARBON

This lot seems to be comprised of a few different strata of clay. — a yellowish brown and above it a darker brown. The former is about 17 cm from the bottom of the Lot up while the darker brown is the top 3 cm of the Lot

The lighter soil which makes up the majority of the lot is a clayey soil w/ inclusions — flecks of bajareque, carbon, small rocks.

Munsell 7.5R, 5/6-5/8-4/6
Strong brown

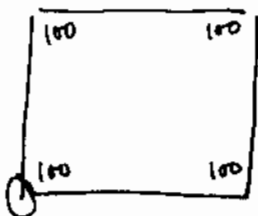


Lot 15, 20 cm lot that extends from 100 cm ^{80 to}

This is clay w/ less inclusions than the above lots. This lot seems like it is cutting into the structure according to Munsell 7.5YR (hue) and 3/4 (dark brown)

CONTENTS

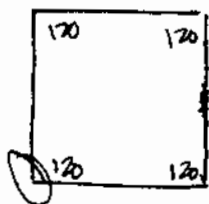
5 CERAMICS
5 BAJAREQUE
CARBON



14 JUNIO 2007

2007-6-14

Subop 24
EU B

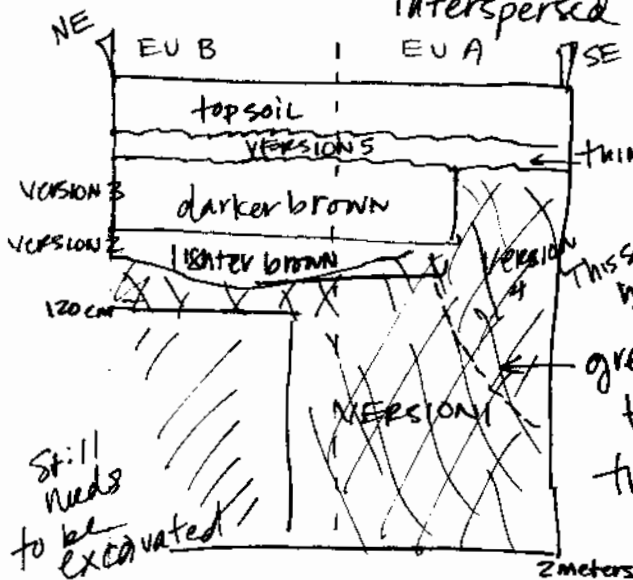


Lot 16, 20 cm lot between
100-120 cm bgl

...Continuing on 15 JUNIO

CONTENTS
 2 CERAMICS
 3 BAJAREQUE
 1 PEDERNAL

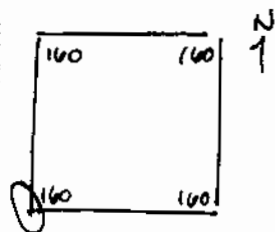
This soil is the dark brown clay minimally interspersed w/ small rocks.



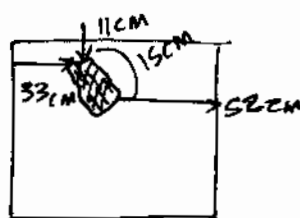
greyish brown clay—as one goes from top to bottom there are fewer clays so that it is pure clay at the lowest elevations

15 JUNIO 2007

Lot 17: is going to be a 40 cm lot between 120-160 cm bgl. This lot matches up w EU A's lots 7 and 8. Seeing that we already know few artifacts came from these lots and the soil is a uniform clay from this point down to 200 cm, it seemed safe to excavate a larger lot.



There is what appears to be an ash lens 11 cm from the north wall and 33 cm from the west wall. It is 155 cm bgl.



CONTENTS

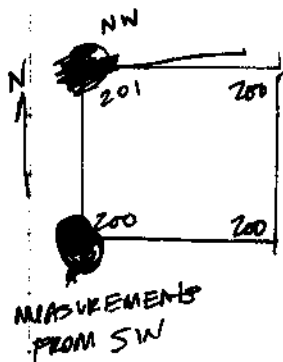
2 PEDERNAL
7 CERAMICS

The guys are keeping this in place and excavating around it. Most likely it will be its own lot. Turned out to be pocket of dark clay.

15 JUNIO 2007

2007-6-8

Subop Q6
EU B



Lot 18, is a 40cm lot between 160-200cm bgl
 This lot appears to be in the earliest version
 of the building, It is comprised of a
 very dense clay w/ little to no inclusions
 The clay is mottled and according to the Munsel
 book it is 10YR, 3/4 + 4/4 + 4/6 (dark
 yellowish brown)

CONTENTS
 5 CERAMICS
 CARBON

We need to take final elevations
 (taken on JUNE 18)

18 JUNIO 2007

Drawing eastern and southern walls of ~~the~~ The trench

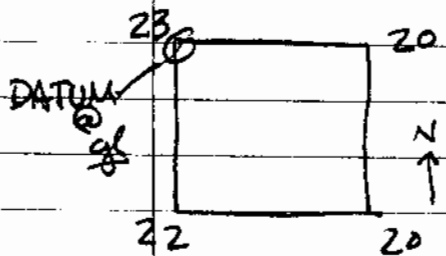
↓
 in EU A & B

↓
 in EU A

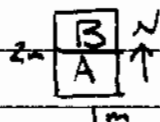
6 June 2007

2007-~~14~~^b-9

Subop. 26 on Str. A⁽¹⁴⁾ is being excavated by Salva & Misa. Lot #1 EUA is a 0-20 cm bgl
Lot. EU A is the southern EU

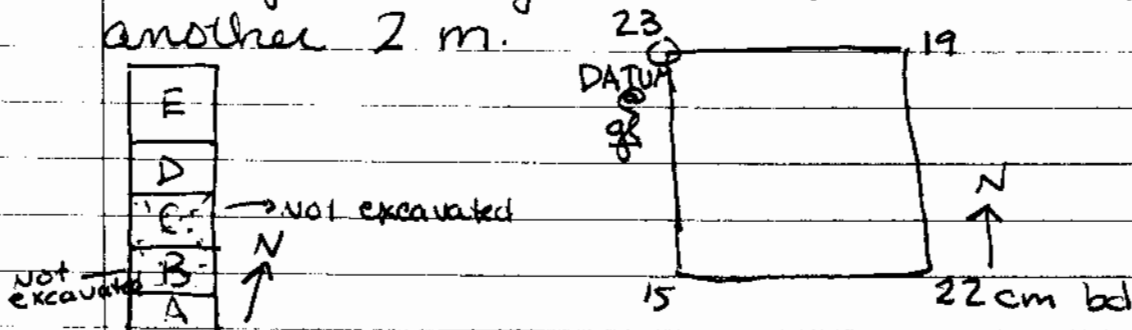


Contents:
50 ceramic
4 peridernal
4 obsidiana

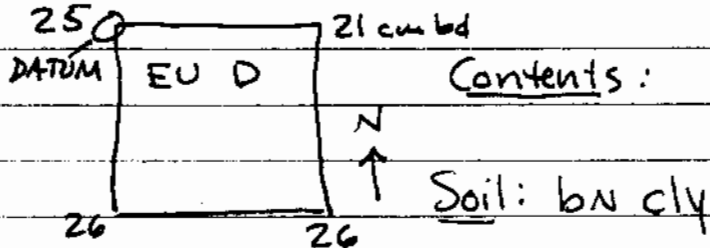


Soil: hard & mottled brn clay w/ small bajareque inclusions

Subop. 27 on Str. A(14) started as a bit of a problem. In Lot #1 EUA (the southern most EU) we hit water at 14 cm bd. Pamela & I decided to skip working in EUB and move up another 2 m.

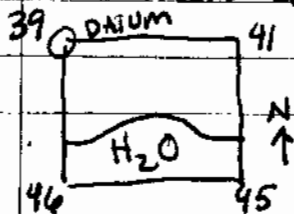


We then had Victor y Tino start Lot #2 in EU D - a 0-20cm lot.



Contents:
Soil: brn clay

We then started Lot #3 in EU D, a 20-40 cm lot.

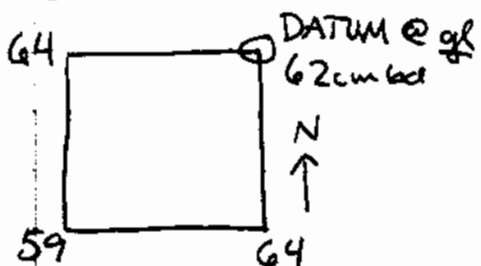


Contents:
9 ceramics
1 obsidiana
2 peridernal chunks

6 June 2007

2007-~~8~~-10

(Subop. 27) I then had Victory y Tino continue/ start EU E & told them to dig until they hit water. This is Lot #4 EU E. They hit a change in soil color at ≈ 40 cm bgl.



Contents:

18 ceramica
1 obsidiana
1 bajareque

Soils: ① bn clay
② yel bn clay

(Subop. 26) We started Lot #2, a 20-40 cm lot.



Contents: 25 ceramics
10 bajareque

Soil: hard bn clay

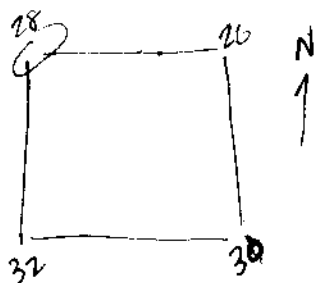
We are going to start Lot #3, 40-60 cm tomorrow.

(Subop. 27) We made a NEW EU north of EU E to see if we can get a decent sized ceramic sample, instead of a fountain.

11 JUNIO 2007

2007-6-11

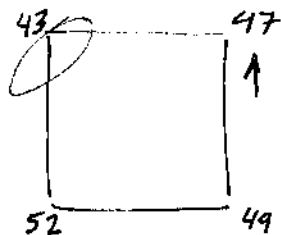
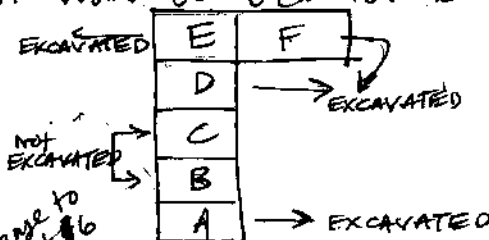
SUBOP 27
EU F



| |
|------------|
| CONTENTS |
| 3 obsidian |
| 7 CERAMICS |

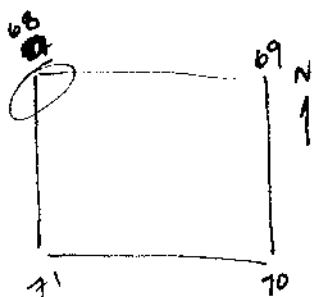
~~Lot 10~~ ~~Lot 11~~ ~~Lot 12~~ ~~Lot 13~~ ~~Lot 14~~ ~~Lot 15~~ ~~Lot 16~~ ~~Lot 17~~ ~~Lot 18~~ ~~Lot 19~~

Lot ~~10~~ ^{change to Lot 5} in EU F is adjacent to ~~Lot 10~~ to units we opened, but had to close because of the water. In this EU we will dig until we hit ground water again. The hope is to find sufficient material culture. This lot was a 20cm lot between 0-20cm bgl.



Lot ~~11~~ ^{change to Lot 6} will be a 20cm lot between approximately 20-40cm bgl. No soil change.

| |
|-------------|
| CONTENTS |
| 15 CERAMICS |



Lot ~~12~~ ^{change to Lot 7} is a 20cm lot between approximately 40-60cm bgl. There is no soil change and this lot looks like the two that were above it (Lots ~~10~~ ⁵⁺⁶ ~~11~~). Interestingly, this ~~lot~~ unit

has not yet filled w/ water.

| |
|-------------|
| CONTENTS |
| 4 BAJAREQUE |
| 2 OBSIDIAN |
| 30 CERAMICS |

11 Junio 2007

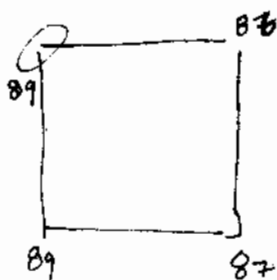
2007-6-12

change to Lot 8

Lot 4 20cm lot, approximately between 60-80 cm bgl

need to measure tomorrow
Groundwater has come up in the bottom of the unit

SUBOP 27
EUF



| CONTENTS | |
|----------|-----------|
| 26 | CERAMICAS |
| 4 | BAJAREQUE |
| | |

It is no longer possible to excavate here. While we did not seem to strike midden off the back of the structure hopefully we did find enough material culture to date the structure. Tomorrow I will take final ~~excavations~~ observations.

The soil in this lot is a clay interspersed w/ small rocks. According to Munsell it appears 10YR Chue) and 4/4 to 4/6 in value and chroma, or dark yellowish brown.

In the sidewalls you can see bajareque fragments, and carbon from modern burning episodes associated w/ agricultural activities, and Regarding the latter, the field in which Structure 14 is located is a modern milpa that has experienced burning and plowing. It is possible that the artifacts associated w/ the upper levels of this mound ~~materials~~ are from the adjacent Late Classic platforms that appear highly disturbed

A PHOTO WAS TAKEN OF THE N SIDEWALL ON 14 JUNE 2007
~~1000~~¹⁶⁵⁻¹⁶⁰ in digital pics

Subop.
27/
30

7 June 2007

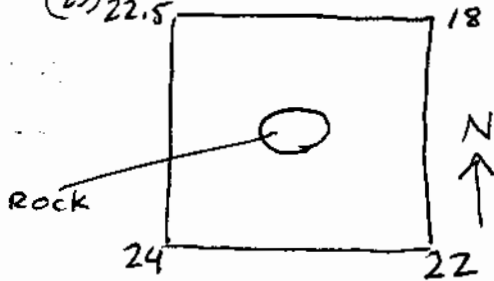
2007-17-13

We have decided to abandon & fill in Subop. 27 since it had filled almost to the brims of the EUs with water during the night.

Pamela & I set up a new 1x2m test pit 2m to the north of Subop. 27. This new test pit will be called Subop. 30.

Lot #1 in EUA (the southern EU) will be a 20 cm bgl lot. Hopefully we will not hit water.

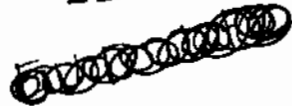
rounded up (23) 22.5



Contents:

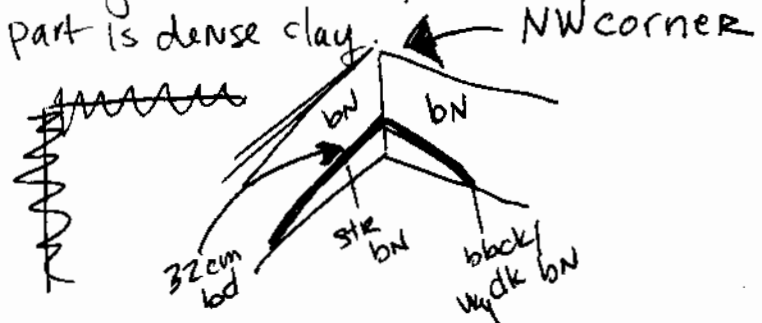
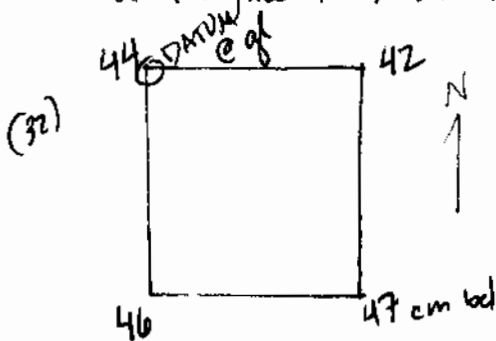
9 ceramics

Soils:



Continuing in subop 30, EUA. This lot is going down another 20 cms (so approx. 20-40 cm) - Lot 2. There seems to be a nice amount of ceramics coming out of this lot, including a fragment that looks like an ear spoon. There seem to be these

small white rock inclusions scattered throughout this lot, which for the most part is dense clay.



Contents: 45 ceramics

poss. ceramic ear spoon off vessel

1 obsidiana

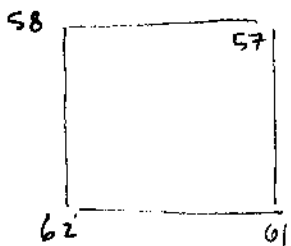


7 June 2007

2007-17-14

Subop.
30
EUA

Victor & Tino are now continuing w/
Lot #3 in EUA of Subop. 30. This lot will be
approx. btwn. 40 & 60 cm bgl. Hopefully
work in this next lot will UNCOVER more of
the possible feature found in the NW corner of
EU A.



CONTENTS

39 ~~4~~ CERAMICAS
1 obsidiana
5 ~~6~~ bajareque

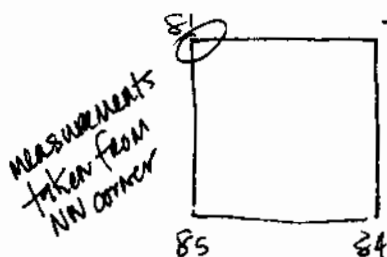
closed at end of the day and will continue
tomorrow w/ a new lot - Lot #4 ...

8 June 2007

2007-6-15

Subop 30
EU A

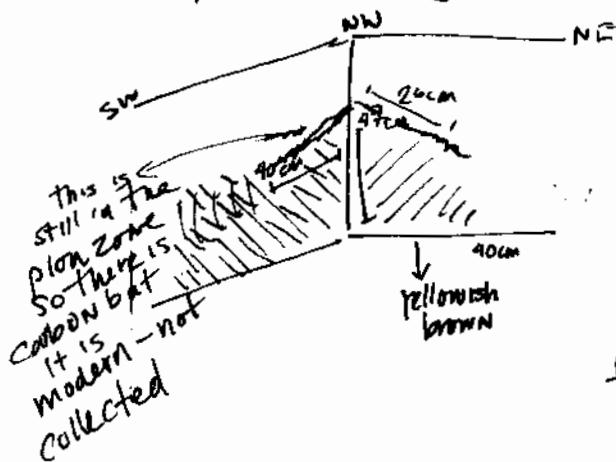
In Sub-op 30 Victor & Tino are starting a new lot - Lot # 4 in EU A. This lot will be approximately between 60-80 cm bgl. Lot will expose more of the feature in the NW corner. Looks like the excavation unit is not oriented to the building



CONTENTS 4 Ceramicas

→ measured from the NW corner

The structure is most obvious in the western portion of the unit, coming out in the north and inclining down to the south. In the NW corner it appears to be capped by a thin layer (2cm) of dark brown clay

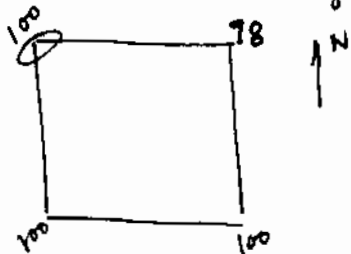


The structure seems higher in the western wall, but this most likely is preservation ... the mound blobbing out over time. With what we have exposed we will be able to determine the building's orientation.

After measurements were taken Lot 4 was closed and Lot 5 was opened. This will be another 20 cm lot between 80-100 cm bgl w/ the goal of exposing more of the structure. They were excavating this when I left @ 11:00

Need to take measurements on Monday

Measurements taken from NW corner



CONTENTS

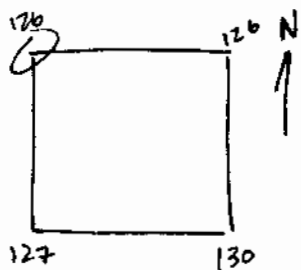
1 CERAMIC

11 Junio 2007

2007-6-16

SMBOP 30
EUA

Lot 6 is another 20cm lot, approximately 100-120cm bgl
Excavations are exposing more of the structure. Very few artifacts are coming out

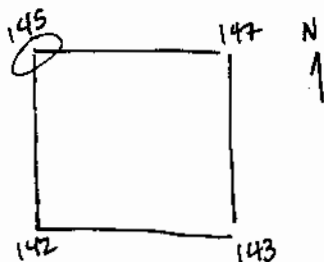


CONTENTS

3 CERAMICS

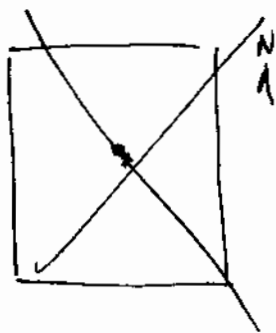
CARBON

Lot 7 is another 20cm lot, approximately 120-140cm bgl
~~Groundwater is beginning to seep up. The soil is dense clay, yellow to brown~~



Groundwater is beginning to seep up. The soil is dense clay, yellow to brown
CONTENTS 7 CERAMICS

~~Groundwater is beginning to seep up. The soil is dense clay, yellow to brown~~
We ^{have} only excavated until the groundwater turned the bottom of the unit into mud. It seems to be appearing in the eastern side of the unit first. I do not ^{think} we ^{can} get far down in this lot



An earlier construction phase appears to be situated w/in the outer clay structure. The former appears to be a dark color. According to Munsell it is 7.5YR (+hue) and its chroma and value are 4/4 to 4/6 brown to dark brown.

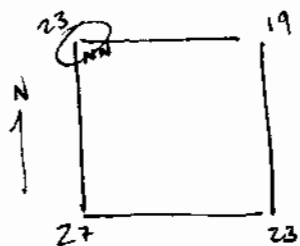
lot in this
Lot 7 is the last excavation unit.

On June 11 & 12 the unit's west and northern walls were drawn and shot in.

12 JUNIO 2007

2007-6-17

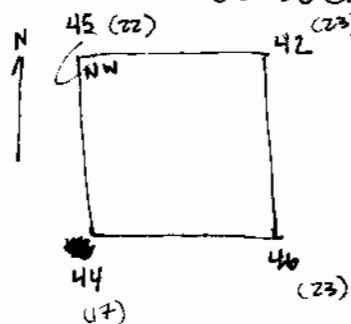
SUBOP 30
EUB



Lot 8 is a 20 cm lot, between approximately 0-20 cm bgl. Taking off the topsoil w/ this lot, The excavation unit will expose more of the structure

| CONTENTS |
|-------------|
| 9 CERAMICS |
| 1 BAJAREQUE |
| 1 OBSIDIAN |

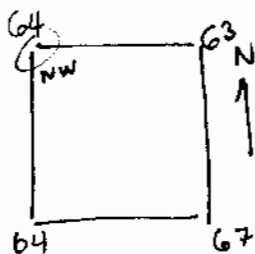
change to Lot 9



Lot 9 is a 20 cm lot, between approximately 20-40 cm bgl. This is the clayey soil on top of the structure. Inclusions are bajareque eroded, small rocks, etc. — BROWN IN COLOR

| CONTENTS |
|-------------|
| 50 CERAMICS |
| 6 BAJAREQUE |
| 2 OBSIDIAN |

change to Lot 10



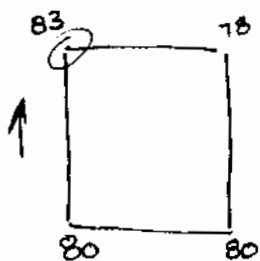
Lot 10 another 20 cm lot, approximately 40-60 cm bgl. The latest architectural phase is in this lot.

| CONTENTS |
|-------------|
| 38 CERAMICS |
| 8 BAJAREQUE |
| 1 OBSIDIAN |

13 JUNIO 2007

2007-6-18

SUBOP30
EU B

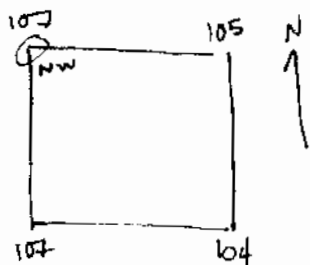


change to Lot 11

Lot 11 is a 20cm lot about 60-80 cm bgl. The western sidewall shows where the structure is. This connects up w/ ~~EU A~~ EU A. - Yellowish brown clay

CONTENTS

- 37 CERAMICS
- 2 BAJAREQUE
- 1 OBSIDIAN



change to Lot 12

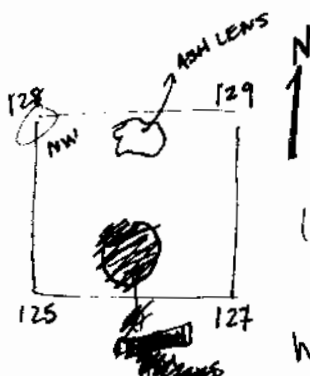
Lot 12 is a 20 cm lot, about 80-100 cm bgl. Goal is to expose more of the structure and recover sufficient material culture

same as in EU A w/ color & appearance yellowish brown clay.



CONTENTS

- 28 CERAMICS
- 7 OBSIDIAN
- 3 PEDERNAL



Lot 13 is another 20 cm lot, about 100 to 120 cm bgl. Following the structure down, Carbon has appeared 20 cm from the western wall and 20 cm from the northern wall. It is 127cm bgl. It is 24 cm east to west and 22 north to south.

CONTENTS

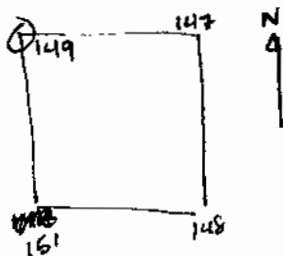
- Carbon
- 20 CERAMICS
- 1 OBSIDIAN
- 1 PEDERNAL

There is also an ash lens located 11 cm from the north wall; it is 19 cm from north to south (so 11 cm to 30 cm). And it is 30 cm from the west wall and ends at 54 cm (so it is about 24 cm in width. Most of this is in the next lot

13 JUNIO 2007

2007-6-19

SUBOP 30
EUB



CONTENTS

CARBON
20 CERAMICS

Lot 14, 20cm bgl about 120-140 cm
The ash layer was collected from this lot as well as the carbon to its north
As Tino and Victor dig deeper the ash lens seems to be growing in size

According to the Munsell this lot is 10YR (hue) 4/4 dark yellow brown.

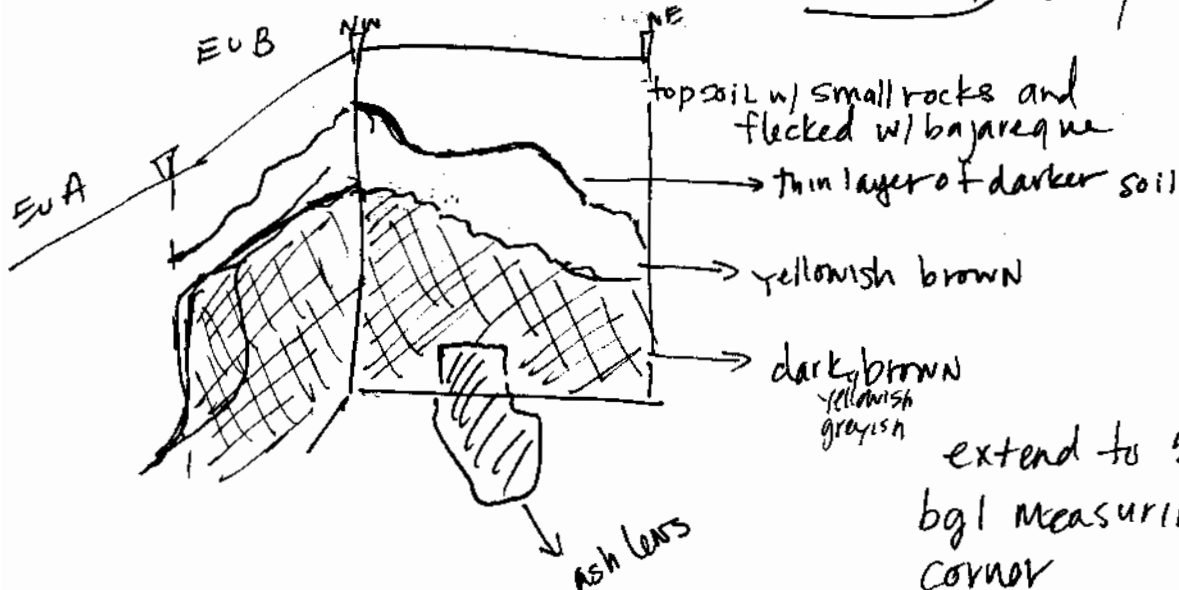
It is a clay. ^{different} it should be noted that clays are generally mottled in color.

The guys are pedestaling the ash layer after which I will photograph it and sample it. ^{After finishing this lot,} We will then try and start a new lot provided groundwater does not interfere w/ excavations

14 JUNIO 2007

2007-6-

Lot 15 is the ash lens that has appeared in EUB. Tino and Victor delimited its parameters by pedestaling it. The ash lens was collected and photographed



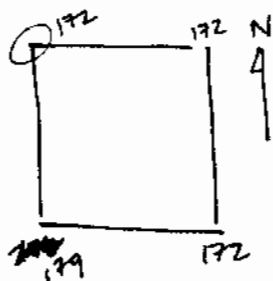
It was from (-3 cm thick, 11cm from the north wall and extend to 30cm. It was 32cm from the west wall and

extend to 54 cm. It is 129cm bgl measuring from the NW corner

SUBOP 30
EUB

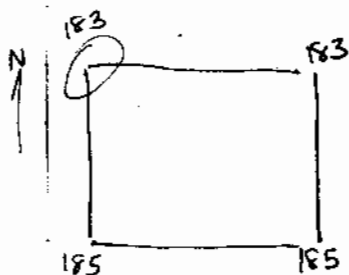
14 JUNIO 2007

2007-6-20



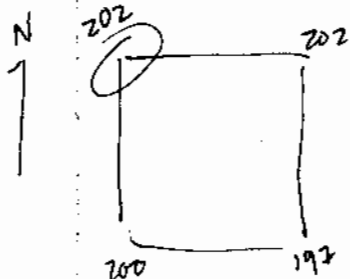
CONTENTS
1 OBSIDIAN

Lot 16 continues to go in to the ^{1st} structure. We will excavate until the groundwater prevents us from going farther. The intent is that this lot is a 20cm, approximately 140-160 cm by L. However Tino and Victor went down a little farther. Interestingly enough they have not yet encountered groundwater (which is at this level in EVA). For the most part there ~~is~~ ^{are} no artifacts — only a single piece of obsidian strangely enough. The soil in this lot is a clay w/ some rock inclusions (though minimally so). On munsell it is 10YR, 4/2 — dark greyish brown and in parts it is 5/2 greyish brown.



CONTENTS
CARBON

Lot 17 — continuing until groundwater starts to come up. The soil is the same in type and color to Lot 16. Strangely enough there is no water appearing here, but the soil type is a pretty dense clay. No artifacts were recovered, though some carbon was sampled. This lot was a 10cm lot, between 170-180cm by L.

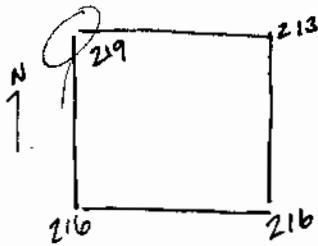


Lot 18 — same as above, though this lot was a 20cm lot between about 180-200cm by L. No artifacts were recovered. A small bag of carbon, however, was collected.

14 JUNIO 2007

2007-6-21

SubOP30
EUB



CONTENTS
2 CERAMICS

Lot 19, 20 cm lot between 200-210cm
This lot will be finished tomorrow

There seems to be minimal stuff coming out - no carbon and only 2 ceramics
It seems we are nearing the bottom of the building

The soil is a dense clay
Munsell 10YR (hue), 4/6 & 3/6 (dark yellowish brown)

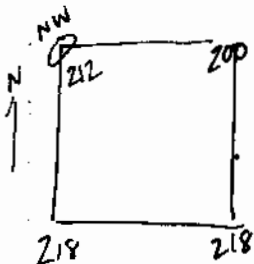
15 JUNIO 2007

When we came this morning the unit was filled w/ water on the western side; Tino & Victor took out the water and continued excavating down. It was surprising to see water, as it did not rain yesterday or last night. However, after the water was taken out the unit was dry. It seems that groundwater seeps in and has nowhere to go. The dense clay that served as the foundations to these buildings holds the clay in, so that it cannot get out.

SubOP30
EUA

To even out the trench, I am having Tino and Victor take out the lot ~~18~~²⁰ cm in EU A as one whole lot - Lot 20. This lot matches up w/ EUB's lots 18-19 more or less. It is the dense clay, and I expect few if any artifacts
* I will have to remember to retake final elevations and change the bottom of the maps

Lot 7 was above this lot. ~~Lot 20 should be above the trench~~



CONTENTS
1 CERAMIC
CARBON

In this lot we are seeing some carbon
This is the last lot in the trench

19 June 2007 (Tuesday)

2007-6-22

Started work today at El Zacatal, OP 13. In many ways this site reminds me of Las Orquideas. This site is south of Orquideas. Take the first right after the river as you go out to El Guayabal. The first part of this road follows the cut river course. More of a lane than a road. Four wheel drive in the green truck as the red one would not be able to get through. Follow lane, passing two or three houses on the left. Across the Rio Pita Structures behind and to the north of the farm. The ones behind the farm - Structures 11 - 17 - seem more randomly arranged. Structures 1 - 10 seem more intentionally arranged. Structures 1 and 9 seem to face each other N and S, respectively. We had decided to place trenches on top of these 2 structures. These are Subops 1 (@ Str. 1) and 4 (@ Str. 9). We also placed Subop 2 down the front and just off of (hopefully) Structure 1. All of these subops are $1 \times 2 \text{ m}^2$ trenches w/ the long side running N-S.

Subop 3 is a $1 \times 1 \text{ m}$ trench halfway in between Structures 1 & 9, approximately 22m in between. If we have time Subop 5 will be off of the front of Structure 9.

Like Las Orquideas this site is situated near a seasonal quebrada and a river. The structures at Las Orquideas are higher and bigger, but there are not as many of them. And the organization of Structures 1-10 in a loose circle around a plaza / or central open area seems similar as well. Walking around the site, there seems to be little to no stone - the presumption being that all structures are earthen.

Mary will supervise excavations at Subops 3 & 4, while I will be over at 1 & 2. As of June 19, this site still needed to be shot in using the EDM. Charlie had only used GPS, tape, and compass.

19 June 2007 (Tuesday)

2007-6-23

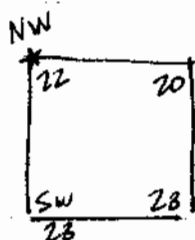
Subop 1
EUA

Lot 1, excavating in this EU are Brunifacia and José Manuel. This is an EU ~~area~~ $1 \times 1 m^2$. EU A is also south of EU B. The total trench is $1 \times 2 m^2$ running N-S. It is located on top of Structure 1

Lot 1 will be a 20 cm thick lot, approximately 0-20 cm bgs.

Soil is a dry loam - topsoil or humus - and brown in color

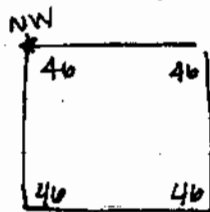
No artifacts were recovered



* datum for all measurements is the NW corner of EU A

Lot 2, continuing to go down through the topsoil 20 cm thick lot, approx. 20-40 cm bgs.

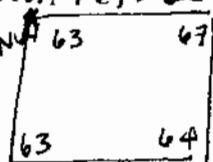
Carbon appeared in the SE corner of the unit at about 40 cm bgs. It is so high up and in topsoil that it might very well be from a modern burning episode. It was collected, however.



Brown dry loamy topsoil

Lot 3 is 40-60 cm bgs

Lot 3 continuing to go down another 20 cm through brown loamy soil. This lot seems to be hitting more terminal refuse, however, in light of the artifacts recovered



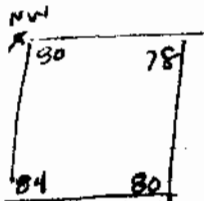
CONTENTS: 8 BAJAREQUE
5 CERAMICS CARBON
1 PEDERNAL

20 June 2007 (Wednesday)
~~Thursday~~

2007-6-24

Subop1
EUA

Lot 4, 20 cm thick lot 60-80 cm bgs



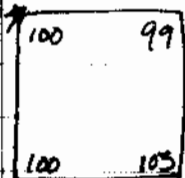
Soil still seems like loamy topsoil, brown in color. There seems to be some clay near the bottom. Though there are artifacts and carbon suggesting this lot contains terminal refuse and debris.

CONTENTS: CARBON

- 7 CERAMICS
- 7 BAJAREQUE
- 1 OBSIDIAN
- 6 PEDERNAL

→ this would be a good sample to test. there was a nice amount coming out

Lot 5 Continuing down through the terminal refuse



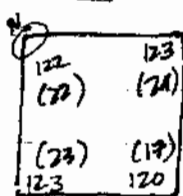
brown in color, seems clayey but still loamy also. This is a 20 cm lot between 80-100 cm. At the bottom of the lot, a soil change is beginning to appear and the soil seems to have a higher clay content; this could suggest we are beginning to expose the building. This is the terminal refuse above the

CONTENTS:

- 2 PEDERNAL
- CARBON

structure.

Lot 6, 20 cm in thickness, 100-120 cm bgs (more or less)



*there are pockets in the soil which seem to be the houses of ants... natural not cultural feature. They are not too happy that we are disturbing their residences.

This soil is significantly more clayey. ^{color:} Munsell 10YR, 5/4 yellowish brown

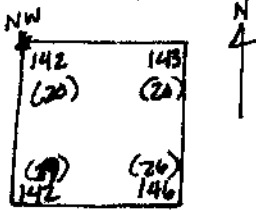
CONTENT 1 PEDERNAL

20 JUNE 2007 (Wednesday)

2007-6-25

GR. 13
SUBOP 1
EUA

Lot 7, 20 cm thick lot between approx. 120-140 cm bgs



This lot has soil similar to the previous lot w/ regard to Clay Content and color - yellowish brown (10YR, 7.4)

There are minimal artifacts coming out, which seems to be a trend w/ these buildings

CONTENTS

4 CERAMIC
CARBON COLLECTED

There also seems to be a slight change in soil and color near the bottom of this lot

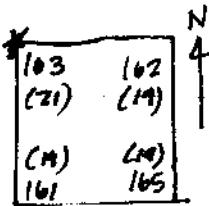
ARCHITECTURAL FILL

21 JUNE 2007

2007-6-

Lot 8, 20 cm thick lot between 140-160 cm approx.

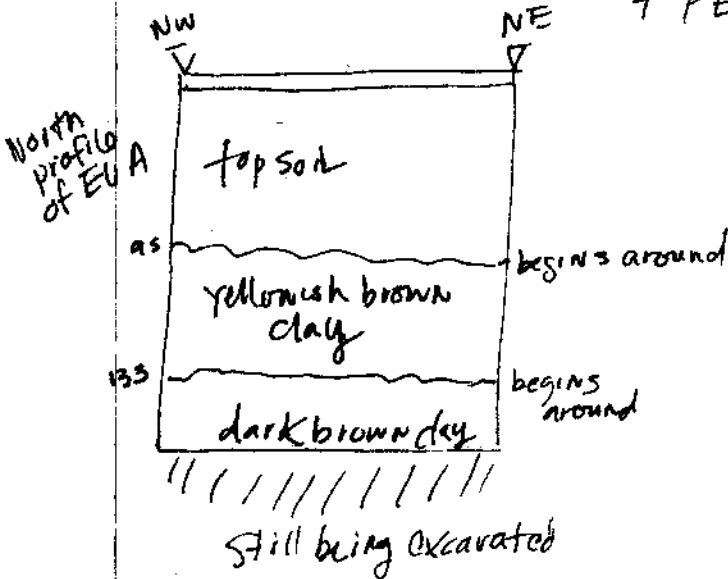
This lot will hopefully expose ^{more} the structure.



This lot has cut into a different soil - a clay that is dark brown (10YR, 3/3)

Seems to be architectural fill though we will continue to go through it in the next lot

CONTENTS: 2 BAJAREQUE, 1 CERAMIC, 4 PEDERNAL

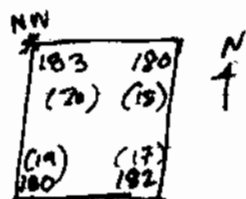


21 June 2007 (Thursday)

2007-6-20

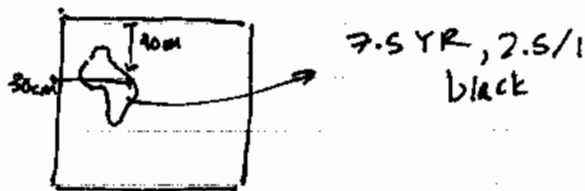
OP13
SUBOP 1
EU A

Lot 9 is another 20cm thick lot between 160-180 cm bgs
It is cutting into the second soil level - the dark brown which may be architectural fill. There is

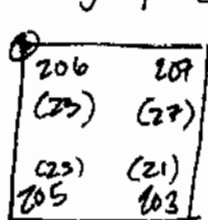


another soil change here at the bottom
The clay is crumbly and very dark.
But it does not extend through the entire unit we are only seeing it in a blobby strip on the western side of the unit

CONTENTS
NO ARTIFACTS



Lot 10, continuing down 20cm thick lot between 180-200m - same crumbly clay as in previous lot. No artifacts. This EU is getting hard to maneuver in so when we are down 2m we will open EU B and excavate in 40cm lots to speed up the process. This will also allow us to better see the stratigraphy. At the moment there seem to be three



different soils that comprised the building(s)

There is more we can excavate in this but we will wait until EU B has been opened.

There are no artifacts
dark brown clay 7.5 YR 3/2
ARCHITECTURAL FILL

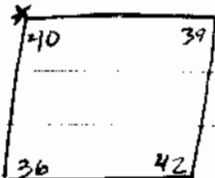
OP 13
Subop 1
EUB

21 June 2007 (Thursday)

2007-6-27

Lot 11, starting the first lot in EUB, the excavation unit to the north of EU A. This will be a 40cm lot in thickness between 0 - 40 cm. The lots in the

N
↑



EU will be thicker since we already know what to expect, there are few artifacts coming up, and there is the need for expediency.

Removal of topsoil \approx humus

CONTENT

Silty loam, brown

1 CERAMIC \approx SM. BAG OF CARBON

22 June 2007 (Friday)

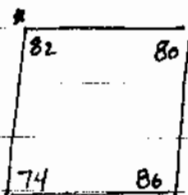
2007-6-

Started a bit late as we were flushing out logistic for the trip to El Puente w/ the students. \approx 9:15 ish

Jose Manuel and Bonifacio are continuing w/ Lot 11 from the day before. They made short work of this and were able to start the next lot. Soon after.

Lot 12, this is the 2nd lot in the EU. It is 40 cm thick, between 40 - 80 cm bgs.

The soil is brown silty loam going down to clayey loam.



CONTENTS

59 CERAMIC

3 BAJAREQUE

7 PEDERNAL

(and some that was to

- CARBON

crumbly to collect)

This is the largest number of ceramics we have recovered from any EU. Many look like they are incised or have slip on them

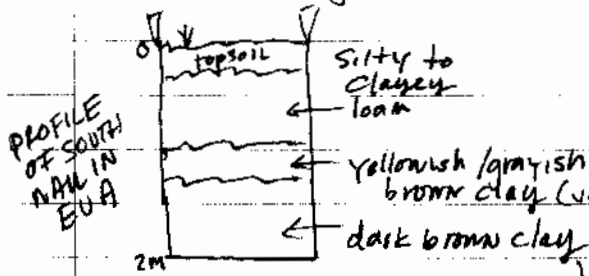
TERMINAL REFUSE above building

22 June 2007 (Friday)

2007-6-28

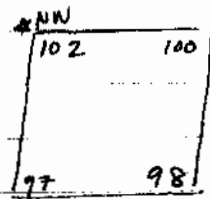
Op 13
Subop 1
EUB

Lot 13 This lot is a 20cm thick lot between 80-100cm bgs. I think they are getting into architectural fill - maybe a stamped earthen floor of Clayey loam above other layers of clay fill. It is possible that there are three versions of this building. From top to bottom - a clayey loam hard packed and brown, a yellowish/grayish brown clay, and a dark brown clay.



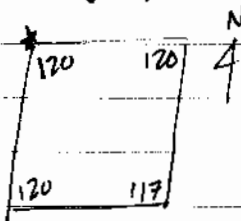
Terminal refuse or architectural fill?
The soil in this lot seems to be a clayey loam, brown in color

possible version of building



CONTENTS: 5 CERAMICS and 1 BAJAREQUE

Lot 14, this lot seems to begin at the soil change - from the brown clayey loam to the yellowish/grayish brown clay. This lot is a 90cm, about 100-120 cm bgs.



TERMINAL REFUSE into architectural fill of version 2?

COMMENTS

5 CERAMIC
1 PEDERNAL
CARBON

25 June 2007 (Monday)

2007-6-29

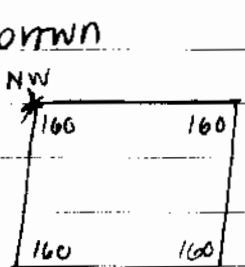
OP 13
SUB OP 1
EUB

Jose Manuel is not working today because his wife had to go to the hospital in Santa Rosa. Something is wrong w/ her eyes and she cannot see. Mary is also sick. Fortunately, one of the students - ~~Carlos Jose Torres~~ Carlos Jose Torres has opted to work w/ us during his vacation. At Guayabal Heydi Pamela Chacón and Daniel Arevalo and Dimas are working w/ Roberto.

Carlos will either take notes or help Bonifacio excavate.

In Subop 1, EUB an unspecified animal left a fecal gift in the bottom of the unit. After this was removed, Bonifacio continued w/ excavation of Lot 14 (final measurements can be found on the preceding page).

Lot 15, this lot will be a 40cm thick lot between 120-160cm bgs. It seems to be going through architectural fill of a clay that is a yellowish-grayish brown about 160cm bgs in the NE corner a fairly large ceramic sherd w/ handle was encountered.



Also, the soil ^{becomes} a clay ~~that~~ that is dark brown in color. It is the same as in Lot 8, EVA and lower. F.S YR 3/2

CONTENTS

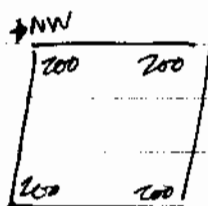
6 CERAMICS (but 2 include a jng handle)

25 June 2007 (Monday)

2007-6-30

OPB
SDBOP1
EUB

Lot 16 is supposed to be a 40 cm thick lot between 160 - 200 cm bgs. It might be that we come level w/ the bottom of EU A first. The soil from this lot is dark brown clay.

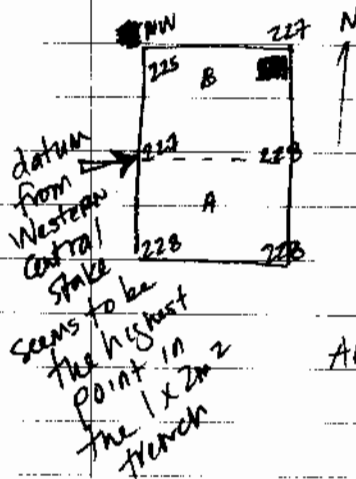


MUNSEL: 7.5YR 3/2

CONTENTS: 4BAJAREQUE
ARCHITECTURAL FILL - CLAY

EU A & B

Lot 17 is a 20 cm lot, 200 - 220 cm bgs in both EUs A & B. Now that ~~we~~^{we} have some room to maneuver and we can see the stratigraphy better we are excavating this trench w/ both the EUs (so as a 1x2) ~~trench~~. We will be taking this down until we get to the natural sterile clay that underlies these structures.



This soil is the same very dark brown clay as the previous lot and EU A's Lot 10 7.5YR 3/2

There seems to be little aside from clay coming out of this lot.

ARCHITECTURAL FILL

26 June 2007 (Tuesday)

2007-6-31

OP13
SUBOP
EUA? B

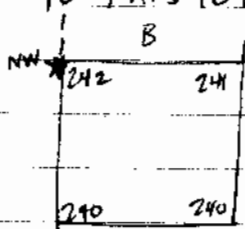
Jose Manuel is back today. He is continuing w/ Bonifacia to excavate Lot 17. When they are done here I will have them continue, but only in one EU until they reach the underlying sterile clay. I would like to do so in order to figure out how tall Structure 1 is. Final measurements can be found on the previous page.

NO ARTIFACTS ENCOUNTERED

EUA

Lot 18

We are excavating until we hit the ^{sterile} clay. No set thickness to this lot. We are excavating 10 cm into the clay.



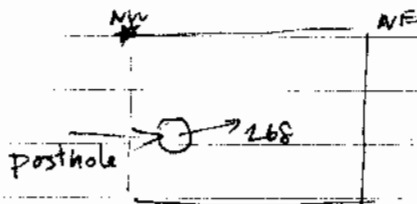
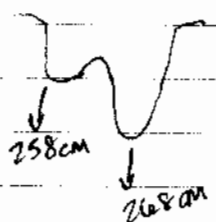
The sterile clay is mottled w/ various shades of brown & yellowish brown
10YR 5/14, 5/16, 5/18 ←

There are no artifacts being recovered

~~This is the last lot in the SUBOP.~~ This is 220-240 cm bgs

EUA

Lot 19, when I was cleaning up the floor of EUA, I noticed a pocket in the sterile clay. This was cleaned out and turned out to be another much smaller posthole. It seemed to be pronged and carbon was collected from w/in. This cut into the sterile clay.



The top of the posthole is 237 cm bgs.

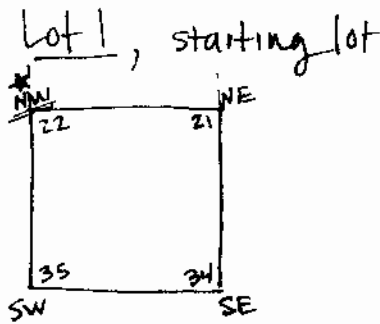
10YR 3/2 dark grayish brown

CONTENTS
CARBON

19 June 2007 (Tuesday)

2007-6-32

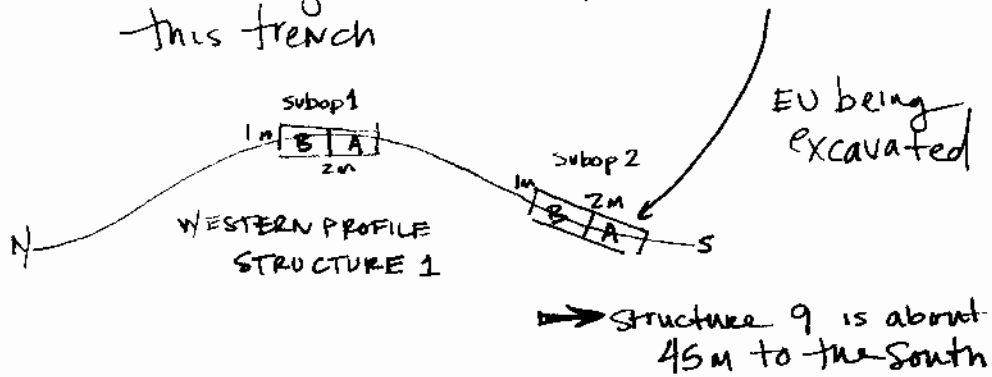
13/2
EUA



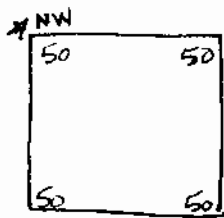
* datum from NW corner

Structure 1's front side, hopefully we caught on $\frac{1}{2}$ of the structure w/ this trench

CONTENTS
NO ARTIFACTS



LOT 2, 20 more about 20 to 40cm bgs. Looking to remove the topsoil and begin to excavate into the structure



The soil is a dry loam, brown in color. It seems easy to excavate and Misa and Salva are going through it at a quick clip.

CONTENTS

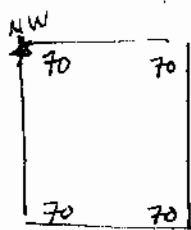
~~XXXXXXXXXX~~
2 BAJAREQUE

19 JUNE 2007 (Tuesday)

2007-6-33

OP 13
SUBOP 2
EUA

Lot 3, another 20 cm lot about 40-60 cm bgs.
Same as above - removal of topsoil
brown in color and more loam than
clay. SILTY LOAM HUMUS

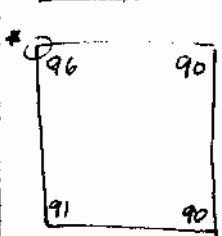


CONTENTS

CARBON (though may represent modern burning episode
since there is no soil change)

- * CARBON was mostly collected from the NW corner
at about 70 cm bgs.

Lot 4 another 20 cm lot between approx. 60-80 cm bgs



The guys went down a bit too much in this
lot, which was actually a good thing as they
seemed to have just caught a soil change.
We will start this as a new lot tomorrow.

- * NO ARTIFACTS WERE RECOVERED

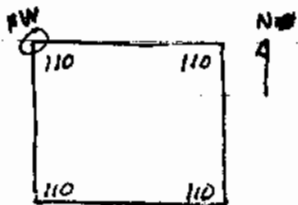
Soil in this lot was similar to previous lots -
brown in color. There is a bit more clay in
this lot, however. CLAYEY LOAM may be terminal
refuse above the building

20 June 2007 (Wednesday)

2007-6-34

OP13
Subop 2
EUA

Lot 5, this lot includes a feature; it may be building or floor. going out into the plaza. Given the flatness of it I am inclined to think it is the latter. It will be interesting to see if it matches up in elevation w/ the floor that has emerged in the center of the plaza (subop 3). The color is

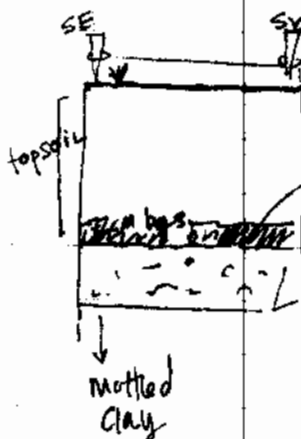


exactly the same. 7.5 YR varying between reddish yellow (6/8), strong brown (5/8) and ~~yellowish brown~~ brown. It is a dense clay w/ no inclusions.

| |
|--------------------|
| CONTENTS |
| 3 PERMANENT CARBON |
| 1 CERAMIC |

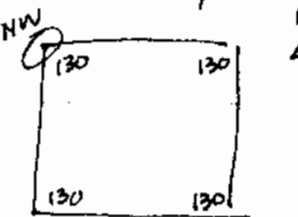
It is possible that this clay is natural to the area, and the ancient inhabitants would have taken advantage of it as a living surface. It might have been messy in the rain, though the sun might have hardened the clay.

Very few artifacts were recovered from this lot and those that were were found at the top of the lot. Lot 5 is about 20cm, approx. between 80-100 cm bgs.



(feature also seems to be a heap of dark brown clay about 15 cm thick above)

Lot 6, this final lot in this EU is ~~20cm~~ in thickness between 110-130cm. It is comprised of a very dense clay and is the same in color as the previous lot. There are no artifacts. This is a natural clay used by the ancient inhabitants, as a plaza floor.



Sketch of southern profile, but appears the same on the other 3 sides.

There is, however, some carbon that is appearing at about 120cm bgs.

When this clay is exposed to the sun it dries & becomes very hard - big great living surface. This is the last lot in EUA

* NO ARTIFACTS - BUT A BIT OF CARBON COLLECTED

STERILE SEDIMENT

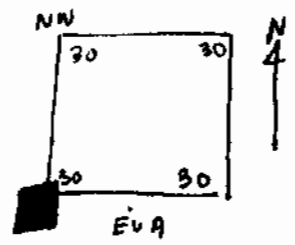
20 JUNE 2007 (Wednesday)

2007-6-25

Subop 2
EUB

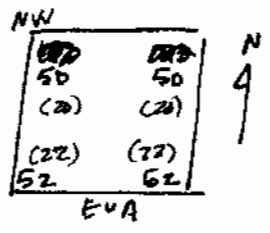
First lot in EUB is Lot 7 - removal of topsoil. This lot is 20cm in thickness and between 0-20 cm bgs

Brown ^{silty} loam, topsoil + humus
NO ARTIFACTS COLLECTED



* datum [redacted]
[redacted] NW IN EU [redacted] B
[redacted]

Lot 8, 20cm thick lot 20-40 cm bgs. Removal of the topsoil. Same as previous lot in soil type and color. Where is the building?



~~There are minimak artifacts coming from this unit (which Misa & Salva cannot seem to locate. I will check the lab to see if I put them in for processing, and if so get the correct count)~~
There are minimak artifacts coming from this unit (which Misa & Salva cannot seem to locate. I will check the lab to see if I put them in for processing, and if so get the correct count)

CONTENTS
2 CERAMIC
PEBERNAL

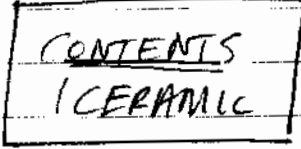
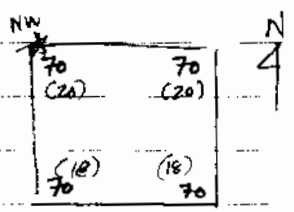
↓
cannot find but think it was one

21 June 2007 (Thursday)

2007-6-36

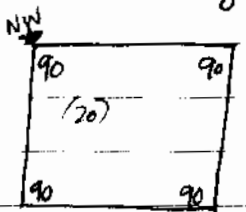
OP 13
Subop 2
EU B

Lot 9, 20 cm thick lot between 50-70 cm bgs
Starting out as loam w/ little to no clay content...
brown in color



silty loam

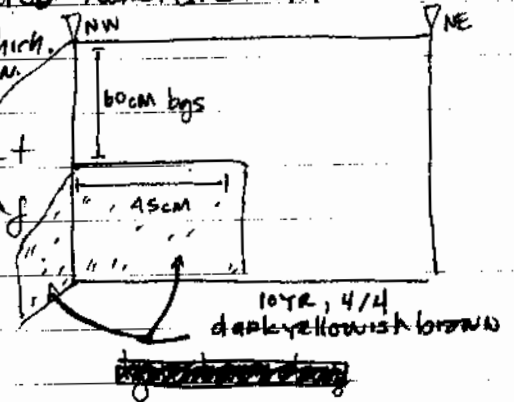
Lot 10, 20 cm thick lot between 70-90 cm bgs
Soil is similar to above but seems to have a bit
more clay



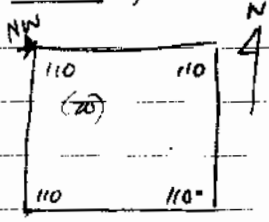
Where is the building? If need
be we can open another EU just
north of EU B. LAYER LOAM that may be
terminal refuse above the building

- CONTENTS
- 2 OBSIDIAN
 - 1 CERAMIC
 - 1 PEDERNALE

In the NW corner of the unit there
appears to be a color change, but
it is only concentrated here and into the
western wall which seems to incline down.
It is very slight
but may turn out
to be the building
ARCHITECTURAL FILL



Lot 11, 20 cm thick lot between
90-110 cm



The feature in the
NW corner seems to extend down, but
it does not extend to the east.

- CONTENTS
- 5 CERAMICS
 - CARBON

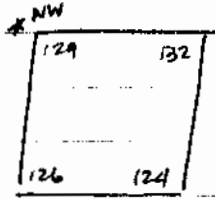
This lot is a mix of (dark yellowish brown)
lighter brown clay
and clayey loam that is brown.
The clay is not a dense clay as it crumbles
easily.

21 June 2007 (Thursday)

2007-6-37

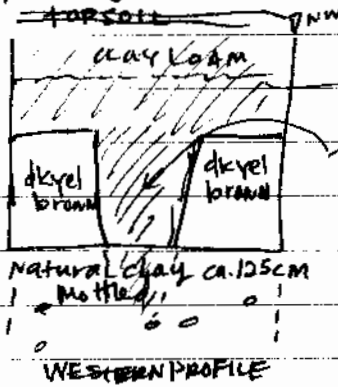
OP 13
SUBOP 2
EUB

Lot 12, another 20 cm thick lot between 110-130 cm bgs.

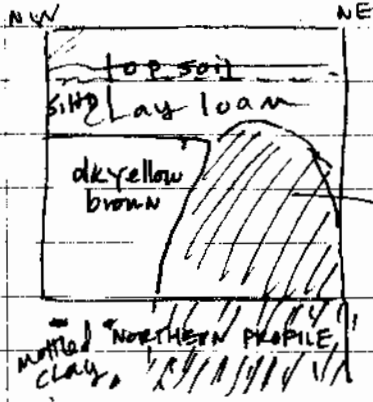


ARCHITECTURAL FILL FROM SEVERAL BUILDING VERSIONS
The different side walls exhibit different soil layers. In the western wall

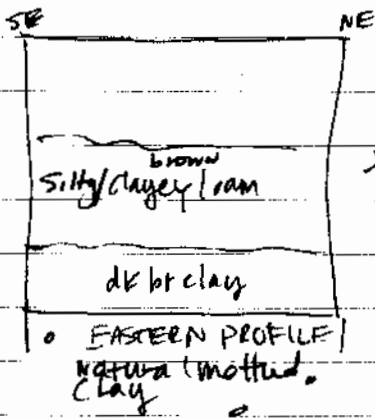
- CONTENTS
- 8 CERAMICS
 - CARBON
 - 2 PEDERNA L



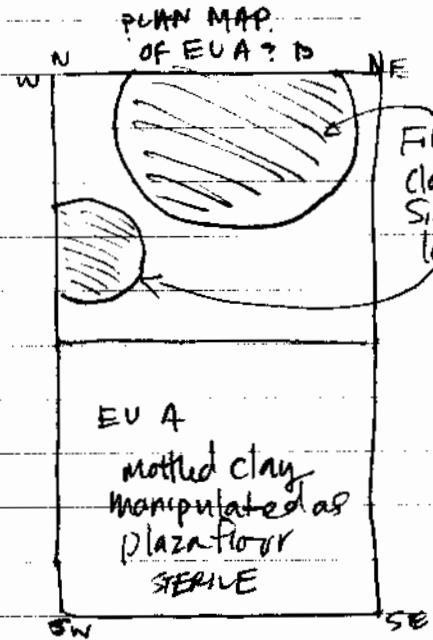
There is also this silty loam here. This may be a posthole or the outline of a long deteriorated tree as it seems to cut into the building bottom layer which suggests an interturally cut posthole.



brown silty loam / clayey loam into the clay
Tree? Post hole? Ant House?
cuts into the clay in a circular form



The dk yellow brown does not appear in this side wall.



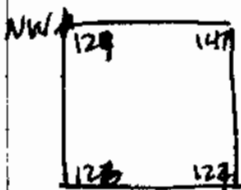
- DARK YELLOWISH BROWN 10YR 4/4
- SILTY / CLAYEY LOAM BROWN 10YR 4/3
- DARK BROWN CLAY 7.5YR 3/2

2 June 2007 (Thursday)

2007-6-38

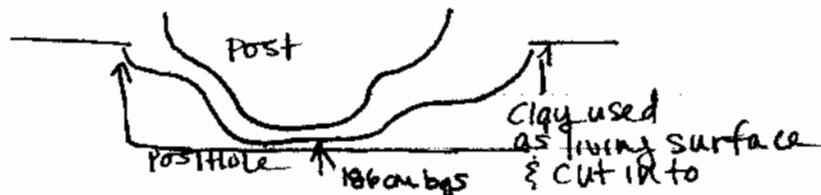
Subop 2
EUB

Lot B, clearing the soil from above the mottled clay in order to expose the parameters of the two holes that appear cut into the clay. Are these natural features or cultural ones? The brown soil ranges from silty loam to clay loam.



CARBON recovered from inside the larger hole in the NE corner *

As we begin to excavate further down these are looking more like ^{the} postholes that we encountered at Las Orquideas. They were a bit notched



The bigger of the two postholes in 13/2 looks like it is situated in the middle of the building. It was placed into the plaza floor. Perhaps the smaller one to its west was a support.

- CONTENTS
- * From within the smaller of the two holes 2 lithics and ~~one~~ ^{two} small obsidian fragments were collected.
 - * From within the larger of the two holes 5 small pieces of ceramics and 1 piece of bajareque were collected.

After all the holes are cleaned of loose soil and the clay surface has been cleaned we will plan map EUB and take photos. This will happen tomorrow morning.

12 June 2007 (Friday)

2007-6-39

OP 13
Subop 2
EUB

Misa and Salva are continuing w/ the removal of the brown soil above the clay. This will expose the 2 postholes for photographing. This continues to be Lot 13.

The clayey loam is all soil that has fallen into the postholes after decomposition of the posts

When the postholes were cleaned out we could see that they looked like they had been notched inside.

The largest posthole had two deeper holes in it a smaller one that at its lowest point was 205 cm bgs and a slightly bigger one that was 186 cm bgs.

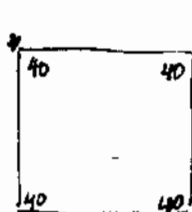
The latter was at the same ^{depth} level as the second posthole. The second posthole also had different depths in it - 146 cm bgs & 152 cm bgs. This second posthole was also cut in at an incline. Perhaps it held a smaller post, which acted as a support for the larger more vertical post. The larger post ~~is~~ seems to be situated in the middle of the building. A plan map of EU B was drawn, as was a profile of EU B's northern wall. After this a third EU - EU C was opened just north of EU B. This is also a 1 x 1 m² unit. Photos of EU B were also taken.

NW NE



Subop 2

Lot 14 was excavated as a 40cm thick lot, 0-40cm. This was done because we already have an idea of what to expect and for expediency.



Soil is silty loam, brown in color - topsoil

No artifacts were recovered.

10YR 4/3 brown

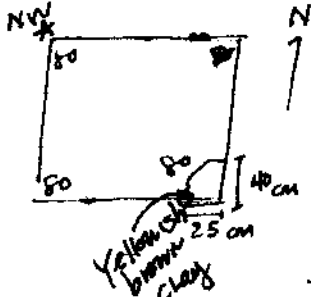
OVERBURDEN, HUMUS

22 June 2007 (Friday)

2007-6-40

Op 13
Subop 2
EUC

Lot 15, another 40 cm lot between 40-80 cm bgs
Brown soil which seems to be getting more clayey loam
however in the SE corner of the unit
there seems to be a chunk of clay
- yellowish in color, 20 cm thick about
extending from the east wall about 25 cm
and running NS for about 40 cm. It is also in
the SW corner a bit. IN THE SE CORNER,
This chunk of clay is anomalous because



CONTENTS
CARBON

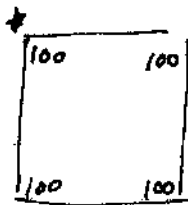
everything above, below, and behind
is loose silty loam (brown). This clay is
crumbly w/ many inclusions. 10YR, 5/8
(mottled but primarily yellowish brown).

There seems to be a lot of carbon coming from
this area as well. The carbon was found
87 cm bgs. This was collected and noted - it
might also be worth testing.

The bulk of this lot, however is a loose silty
loam, which is in the area directly above
the posthole. 10YR 4/3

This lot ends ^{clearly to} right on top of the dark yellowish-brown
that represents a building.

Lot 16, a 20 cm lot in thickness between 80-100 cm bgs
trying to expose the last (or 2nd to last) version of
structure. Soil seems to be a dark yellow silty loam



brown in color suggest the matrix from inside
of the posthole is still being removed.
I am only seeing a trace of the dark
yellowish brown fill in the western side
wall. Maybe it will become more obvious as
we go down.

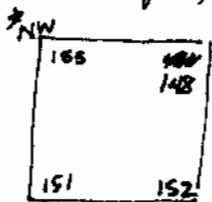
No artifacts recovered.

22 June 2007 (Friday)

2007-6-41

OP13
SUBOP2
EUC

Lot 17, ~~20~~²⁰ cm lot in thickness between 100-120cm
bgs; the purpose is to expose more of the building



The soil seems to have more clay in it. ^{see next page}
Where is the feature?

Dark brown clay into the architectural fill
of the earliest building version

CONTENTS

CARBON

* This is coming from the area of the posthole.
(it is very strange w/ the carbon seems
to be some burned wood & this should be
tested to see if this is an ancient or modern
[114 carbgs/ posthole.]

2 CERAMIC

5 PEDERNAL

... We will continue w/ this lot on Monday.

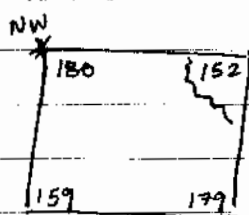
25 June 2007 (Monday)

2007-6-22

OP 13
SUBCPZ
EUC

We are continuing w/ excavations of Lot 17. Final measurements of this lot can be found on the preceding page. Before measuring, we took the loose soil out that had fallen into the postholes in EUB.

Originally planned as a 20cm thick lot, Misa went down too far and the lot is now about 50cm thick, between 100-140cm bgs. There seems to be a soil change in the NE corner of the unit. It is a crumbly ^{with} clay in the northern wall that extends to the west about 50cm. Munsell: light yellowish brown to a light olive brown - 2.5 YR 6/3-6/4-5/3-5/4. It does not seem to be a pure clay as it has some inclusions in it.



Lot 18 is about 40cm in thickness, between 140-180. This is being excavated down until it is level w/ EUB.

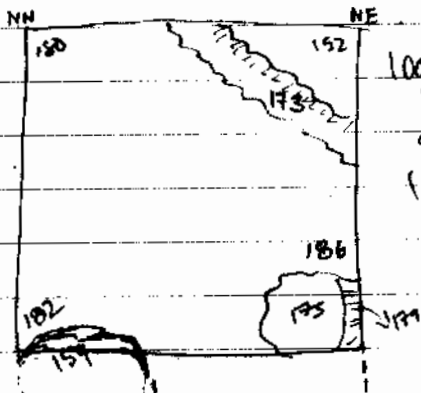
It is removal of the dark brown clay ^{that} is the ~~original surface~~ material from where the post would have been. This lot is very confusing. The clay in the corner (yellowish brown) does not continue throughout the excavation unit.

What is this clay? It also appears stepped. Maybe it is preparation of the natural clay for the large posthole that was in this area.

NO ARTIFACTS

DARK BROWN CLAY 7.5 YR 3/2

SILT/CLAYEY LOAM BROWN 10 YR 4/3



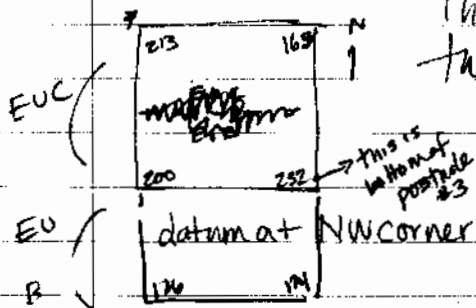
Looks almost like a step cut into the clay

26 June 2007 (Tuesday)

2007-6-43

OP 13
SUBOP 2
EUB = C

Lot 19, Went back into EUB and took down the clay until it was level w/ EUA. Even after doing this the post holes are still obvious. These cut deep into the natural clay and must have supported very big posts.

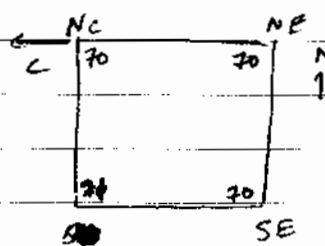
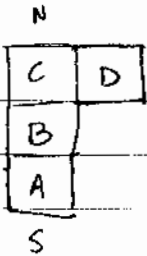


This lot then proceeded to clean all of the architectural fill from above the natural clay. In doing so it exposed very interesting and confusing modifications to the natural clay.

- CONTENTS**
- 11 Pedernal
 - 1 OBSIDIAN
 - CARBON

~~Other~~ This spill is clay mottled but primarily 10YR 4/2 or 4/3 and a bit of 3P2 7.5/6 ^{very dk br. yellow} all associated w/ the interface between the soil changes. It seems there might be steps modified from the clay

EUD Lot 20 Another 1x1m² was opened to the east of EUC. We are excavating w/ a sense of urgency since tomorrow is supposed to be our last day here. This lot is a 50cm, 0-50cm bgs. It is rapid removal of the clayey loam topsoil.



NO ARTIFACTS RECOVERED

brown topsoil like in the previous lots from other EUs.

datum measured from NW in EUC

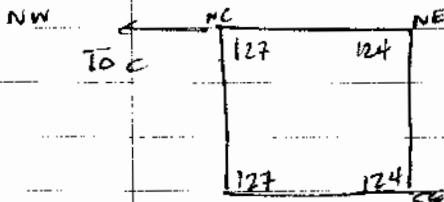
26 June 2007

2007-6-44

OP13
SUBOP2
EUD

The second lot in this EU - Lot 21 - is going further into the silty/clayey loam. This area seemed to be where the post would have been, as it seemed from looking at EUC's eastern sidewall - there was no clay architecture to identify... only the ^{brown} silty/clayey loam down to the sterile (and now we think modified) natural clay. Very few artifacts.

50 cm thick lot between 70-120 cm bgs



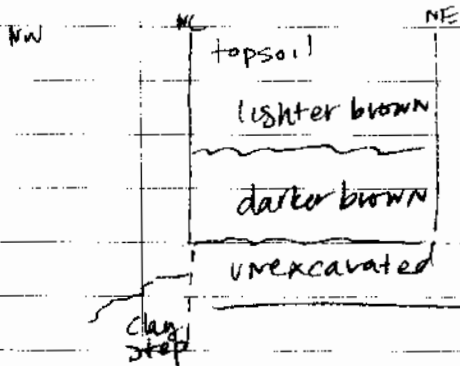
^ datum measured from NW in EUC

CONTENTS

- 1 BAJAREQUE
- 1 CERAMIC

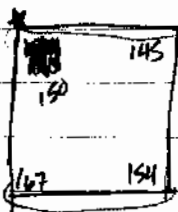
In the Northern profile you can begin to see the different construction phases. It is clearer in this EU than in EUC

~~040022~~



Lot 22 - we are excavating in this lot until we reach the yellowish clay that seems intentionally modified. The datum from NW corner of EUC

Lot 22 We have found clay architectural fill above the modified natural clay. - dark brown in color 7.5 YR 3/2



- CONTENTS
- 2 PEDERNAU