

1995

PVN-078-Wells-Field Notes-1995

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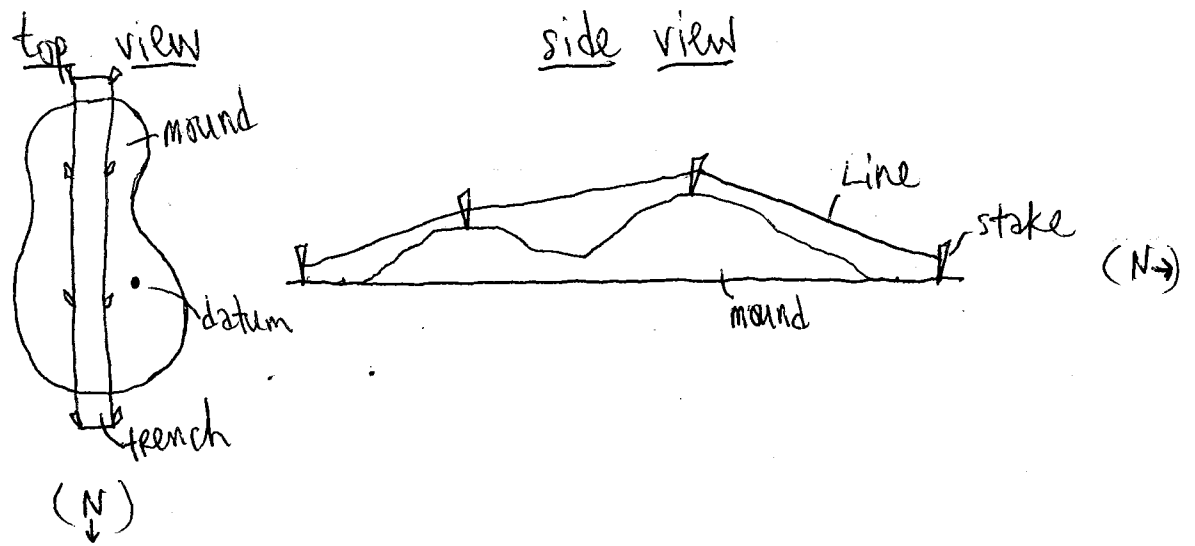
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(142 pgs. in
this section
not 119) 142
P95-78-1 of 100
1/30/95

STR. 66 chosen to begin investigations. Laid out a 1M x 24M trench on a N-S axis perpendicular to the mound running down the middle, with approximately a 1M overhang on each end (see below views).



Marked the line in 1M intervals, and placed stakes at those intervals on the east side only. Staked a datum on the summit of the highest part of the mound (see above "top view").

Both the trench and the mound measure 10° ~~W~~ of N.

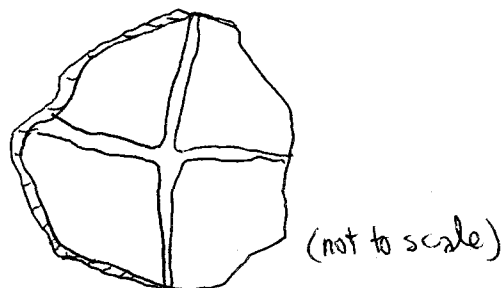
Divided trench into $1\text{m} \times 1\text{m}$ "units" in "theory" for the facilitation in identifying artifact location (see map on P95-78-3 of notes).

Took surface collection of all artifacts identified within the limits of the $1\text{m} \times 2\text{m}$ trench; lot number 14-E/01. This yielded a few badly eroded potsherds and one medial obsidian prismatic blade segment with heavy usewear and retouch present. Surface soil very dark brown (due to recent rain) and surface vegetation brown and green scrub grass - sparse (due to "dry season").

Beginning excavation at north end of mound (meter 1, see map on P95-78-3 of notes) in lot number 14-E/02. Taking level down 10cm below datum [beginning corner elevations: 190cm, 190cm, 175cm, 175cm, ending corner elevations: 200cm, 200cm, 185cm, 185cm]. This lot yielded no artifacts.

Next lot, 14-E/03, was taken down 10cm (also in Meter 1). This yielded several potsherds with apparent red(?) and orange slips, and one heavily incised sherd which seems to be on buff (see below).

incised potsherd
(top view)



(not to scale)

This lot also yielded one large (long) obsidian prismatic blade segment with heavy usewear and some retouch (see below)

end view



top view



op. 14
Subop. trench E
str. 66

1M³

NW NE
meter
number

add time
as of
2-16-95
(mag)
22 25 26 28

very general
topograph
just to
illustrate
trench
periphery
and mound
height
position.

(the mounds aren't
this pointy!)

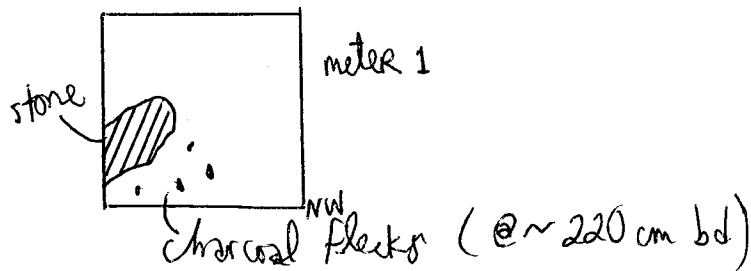
SW SE

46 1510

1/31/95 (cont'd)

Next lot, 14-E/04 (meter 1) taken down another 10cm, and yielded an assortment of ceramics, chert, and baja regue [also encountered one cow's tooth!]. Artifact density seems to have leveled off somewhat. No apparent "well-definable" stratigraphy can be seen yet (two layers only - about 5cm of dark brown humus followed by harder, light brown clay-like soil). Small "bits" (flecks) of carbon appearing (still very shallow unit, not seen as important - not collected) (see below).

Rough sketch of Meter 1 unit



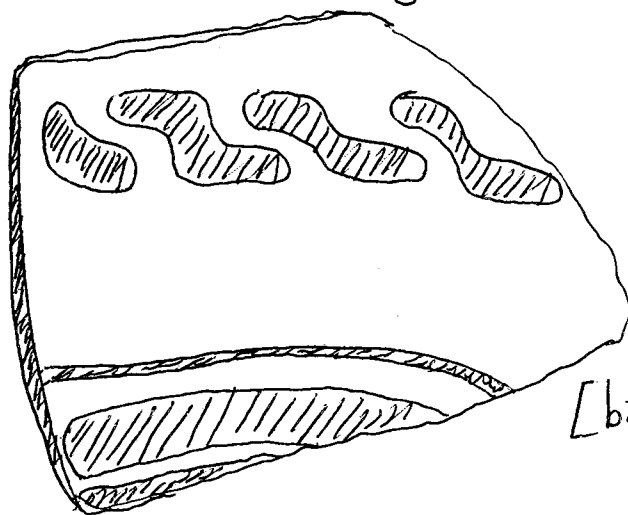
Lot 14-E/05 begun, but not finished down to 10cm deeper, today. Yielded more carbon flecks (slightly larger) and more ceramic material.

2/1/95

Finished lot 14-E/05 down 10cm (5cm yesterday, 5cm today)
 [beginning corner elevations (today): 225cm, 225cm, 210cm, 210cm;
 ending corner elevations (today): 230cm, 230cm, 215cm, 215cm].
 This lot yielded ceramics (one, heavily incised, one, B/orange slip
 rim sherd), obsidian (possible scraper, and blade), and baja
 Regue (one with impressions).

Next lot is 14-E/06 (still in Meter 1), going down another 10cm
 to a depth of 225cm-240cm below datum. This lot yielded
 a greater abundance of bichrome (B/orange slip) pottery (see
 below).

example of bichrome pottery



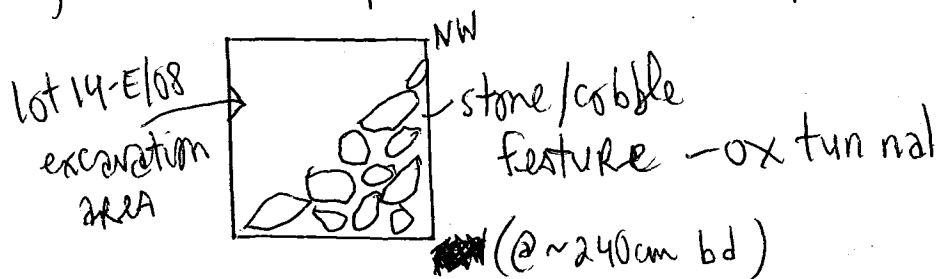
■ = ■ (black)

(to scale)
 [bag flagged with flagging
 tape]

Also present were red, and black slipped sherds, more
 incised pieces, and pieces of figurines(?). Small amounts of
 obsidian and baja regue. Artifact density increasing slightly.
 No dramatic changes in stratigraphy.

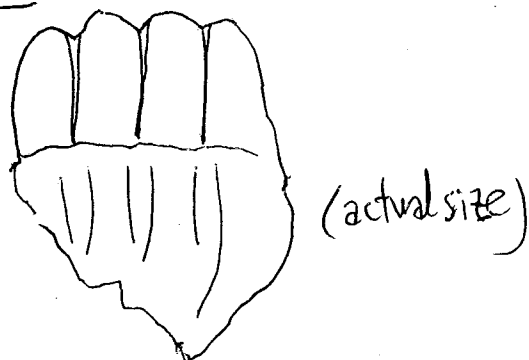
Lot 14-E/07 begun. Cobble "wall" encountered at about 240cm below datum (~75cm below surface) (see P95-78-7; map). Only going down 5cm this lot (level) - waiting to discuss options for further excavation with Pat. Decided to begin a new lot, only excavating behind the feature (F1) (see map on next page). In this lot (14-E/07), discovered obsidian debitage, an abundance of ceramics, and an unidentified - burned, altered, rock. [F1 renamed "ox tun nal"]

Lot 14-E/08 started, still in Meter 1, but now only in roughly half of the pit (see below and map on P95-78-7).



Encountering ceramics (of special note, a "dog paw with claws" piece; see below).

"dog paw"



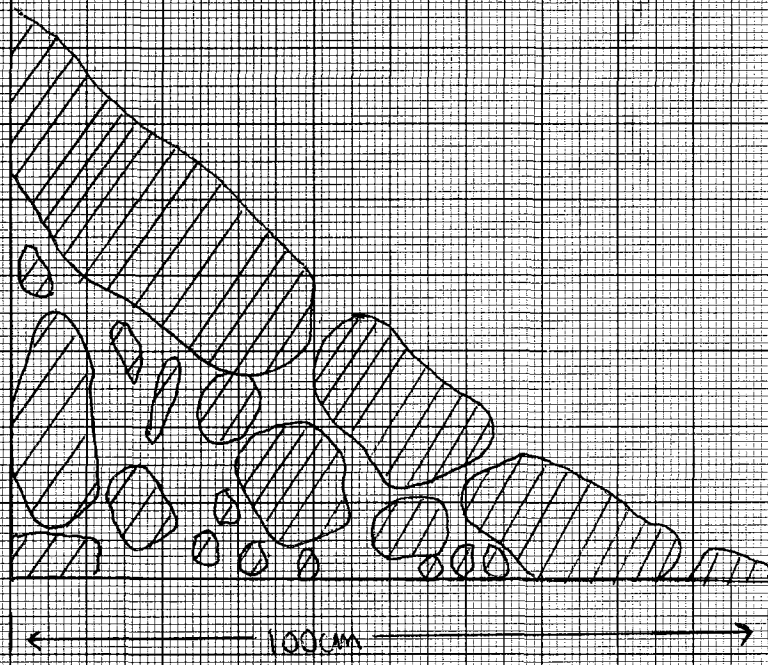
Also of special note, a large rimsherd with interesting designs or incisions on the neck [collection bag flagged with flagging tape]. (multiple incisions with isolated S-curves) (see below - next page).

Op 14
Subsp E
STR. 66
lot 08
Meter 1

Feature - F1 (possible terrace) - named "ox fun nal"

~240 cm below datum

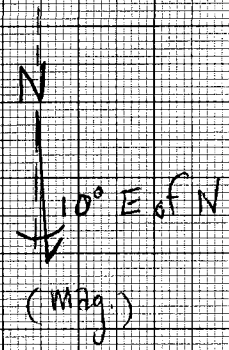
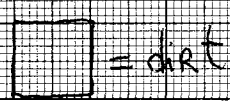
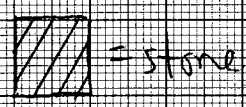
Meter 1



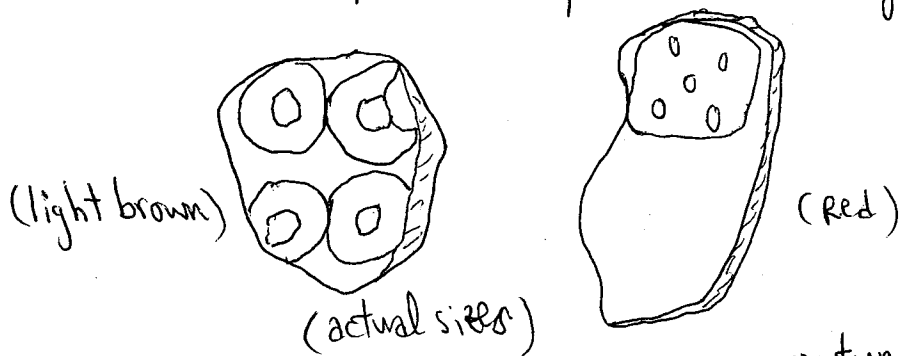
scale



Key



Lot 14-E/08 also yielded two figurine pieces (see below).



More of the "terrace" (Feature-F1) exposed. Soil color change from hard, light brown to a softer, finer, dark brown with pebble inclusions. Possible sterile layer approaching
 ← ox tunnel

Began Lot 14-E/09 at the other end of the trench (S) (Meter 24). Going 10cm down. Yielding small amounts of ceramics & baja regue.

Lot 14-E/10 (Meter 1, North end) is yielding large amounts of shell (small, but whole) and obsidian blades - in front of
 ← Feature, F1. One large ceramic head/face - partly hollow, partly pinched out uncovered. Soil color changing dramatically - back to hard, light brown clumpy soil [see soil profile map on P95-78-10].

Lot 14-E/11 (Meter 24, South end) begun. Yielding various sherds. Soil that began as dark brown humus is now getting harder with clay inclusions - light brown color.

Began lot 14-E/12, taking Meter 1 down to 100 cm. At about 95 cm below surface (~280 cm below datum), encountered bone between 24-42 cm from NW corner of meter (1) (possibly human, may be deer). Ed instructed me to call it "Burial 1." ~~More~~ More shell encountered and possible egg shell. Sherds found - many decorated with red or orange slip. Baja Regue found, as well as more of the mysterious fire-altered unidentifiable stone. I decided that it might be clay or fired clay - it looks tempered - so I tasted some. It was gritty - just like toothpaste! It might just be clay after all! (This lot seems to be an ash layer / lens)

Opened a new lot, next in line up the mound - meter 2. 14-E/13. Ceramics, baja Regue, and some obsidian recovered.

Next lot down in Meter 2 is 14-E/14. Ceramics and shell encountered in low-medium abundance. Able to follow stratigraphy now. Down 10 cm, as before.

Next lot down - 20 cm level - following stratigraphy (see P95-78-10 map) (14-E/15). This lot yielded ceramics, a possible censor foot or jar foot, ground stone - small round mano, ~~some~~ baja Regue, and obsidian - chips and a scraper. Large stone debris in greater quantities - but still overall not too much (8-12 pieces). Stratigraphy still well defined.

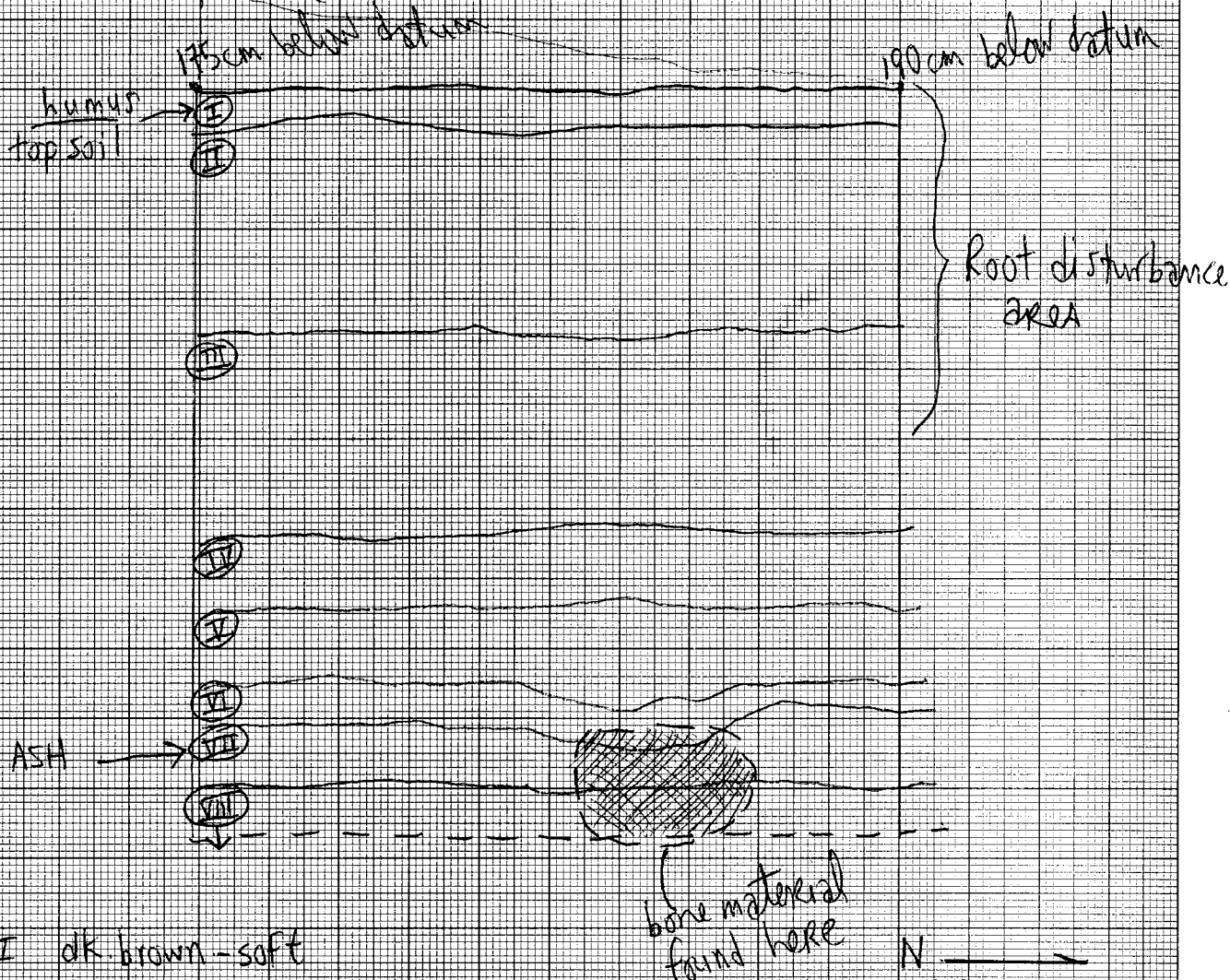
Beginning next lot, 14-E/16, going 30 cm ~~down~~ down further - following stratigraphy - II on profile, P95-78-10. Labeled soil layers in Meter 1 and mapped them on P95-78-10.

P95-78-10 of 119
2/2/95 (cont'd)

Op 14
Subop E
STR 66
LOTS 1-8, 10, 12-15
Meter 1

Preliminary Profile

(West wall - Meter 1)



Key

I dk. brown - soft

II lt. brown - hard w/ clay inclusions

III md. brown - fine w/ pebble inclusions

IV md. brown - hard


V dk. brown - black - soft / moist

VI dk. brown - hard

VII gray - white - ASH - fine

VIII md. brown - hard - not yet definable

N
(mag.)
scale

 = 10cm²

46 1510

10 X 10 TO THE CENTIMETER 18 X 25 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.

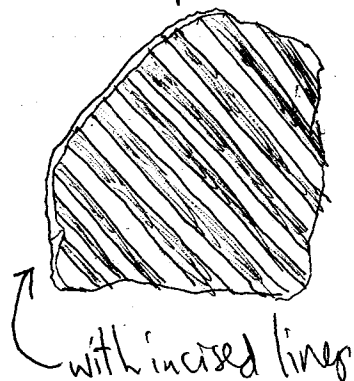
KE

P95-78-11 of 119
2/3/95

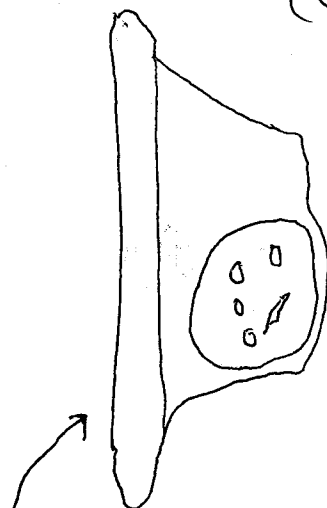
Continued with lot 14-E/16 in Meter 2 down 20cm (in addition to the 10cm yesterday) following stratigraphy, taking off level III [refer to plans P95-78-3 & 10 and notes P95-78-9]. Lot 14-E/11 in Meter 24 still not finished - no workers to complete it - will try today to at least finish the lot. Soil in lot 14-E/16 (Meter 2) consistent with soil outlined/defined in Meter 1. Rained last night, so soil is damper than usual. This lot yielded a variety of ceramics - very thing with black paste and heavily tempered, red for orange slip, black (burnished or slip), and others, bones - probably faunal, obsidian, And Bajareque (see below),

examples of ceramics in lot 16

(actual sizes)



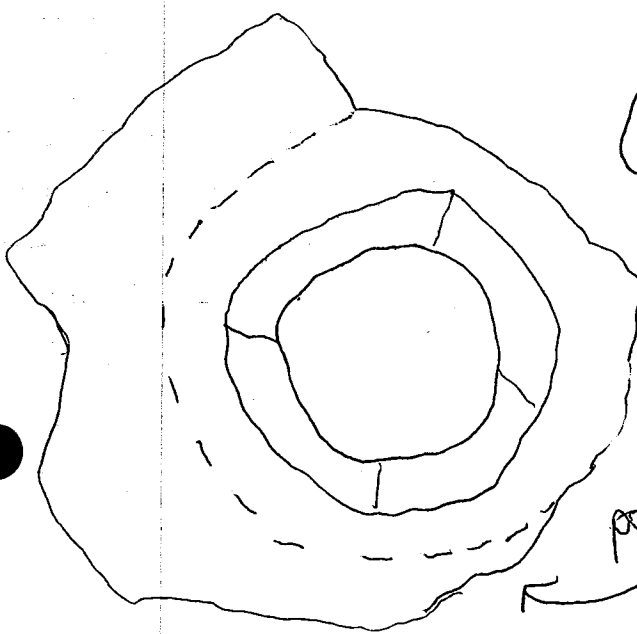
with incised lines



Rim sherd of jar with top of handle with appliqué



Rim sherd with two shades of red on orange (one may be faded black)



possible ~~catalano~~

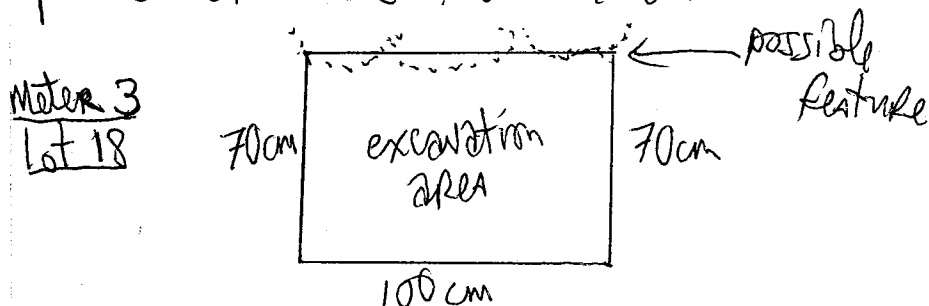
broken foot of a tripod vessel

P95-78-12 of
2/3/95 (cont'd)

Lot 14-E/16 yielded a high density of ceramics. On the bottom of (III) there were many and of similar types - suggesting a possible occupation layer. To confirm I will follow this level in particular up the mound and perhaps off to the side in a 1M lot. Ed instructed me to stop at this level for reasons of depth and move up the mound (to Meter 3). In no way are Meters 1 and 2 sterile - but rather at their highest concentrations of artifacts and greatest diversity.

Began lot 14-E/17 in Meter 3 (refer to map P95-78-3). 20cm down trying to follow stratigraphy level (II) (refer to plan profile P95-78-10). This lot yielded obsidian, ceramics, and shell, and bone, and bajareque.

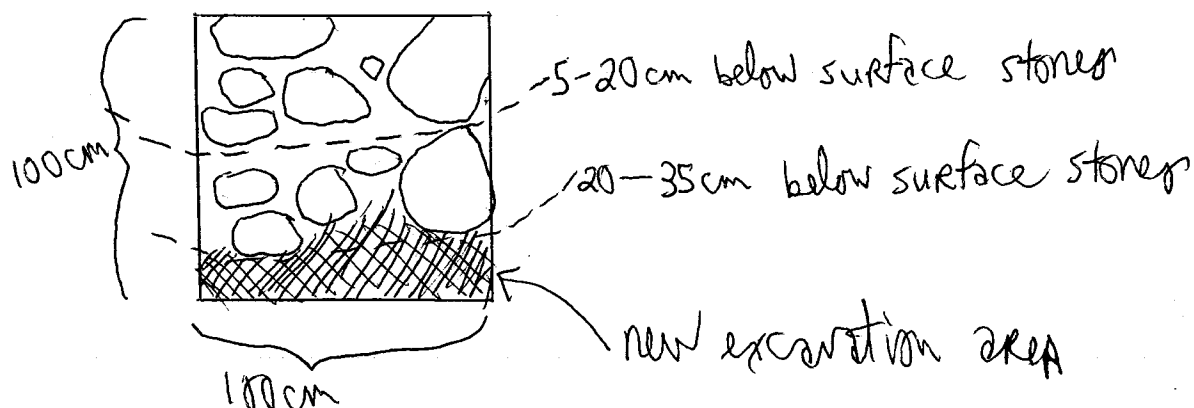
Lot 14-E/18 in Meter 3 down 20cm. Possible wall, line, or terrace in 14-E/17 at 15-20cm below surface (~200cm below datum). This lot (18), will excavate in front of this possible structure. "New" excavation area as below.



P95-78-13 of
26-95 119

Continuing with lot 18 in Meter 3 down to 40cm below surface in front of possible terrace/feature. Received two more workers to continue work in Meter 24 - going down 20cm to finish first lot in this meter (lot 11, Meter 24) due to worker mix-up and delay. More of this "terrace" exposed in Meter 3 in front of stones already uncovered, going to restrict excavations down to a 35cm x 100cm area (see below) - it's probably tumble, but going to see....

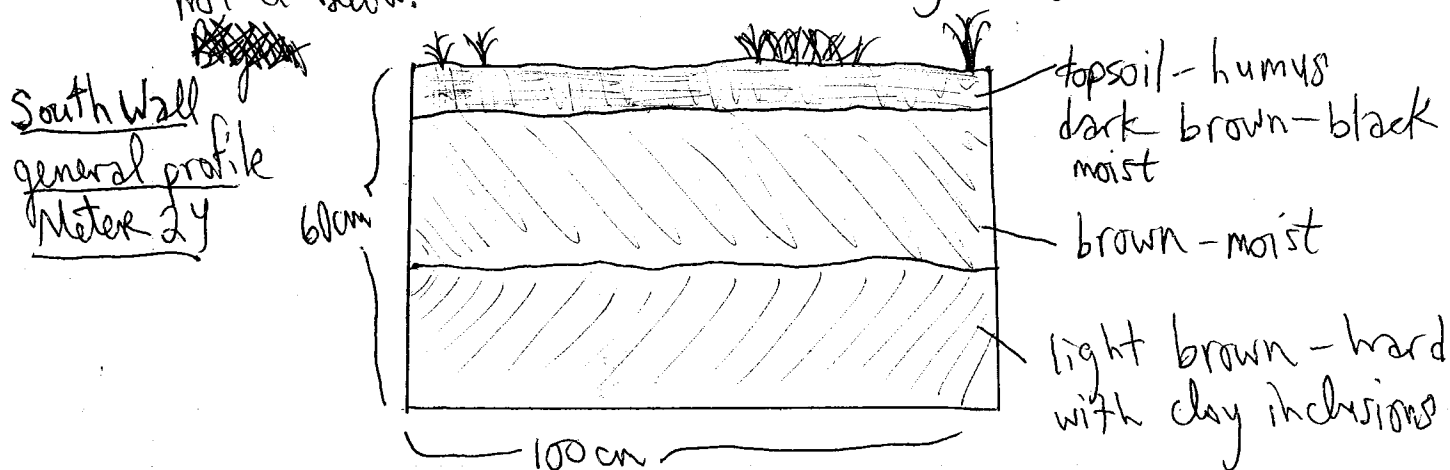
New excavation area
in Meter 3 for Lot 18



Lot 18 yielded baja regue, ceramics, and a piece of candle. Lot 11 yielded ceramics and lots of tumble (stones), and obsidian. Beginning lot 19 in Meter 3 and lot 20 in Meter 24. Lot 19 is going down ~35cm to meet the depth of Meter 2 - because I have lost all sense of stratigraphy - more rain last night accompanied by cows pulling down my stakes! Lot 20 is going down 20cm. Lot 20 yielded ceramics, ~~and obsidian~~. Lot 21 begun in Meter 24 and taken down 20cm with much tumble taken out.

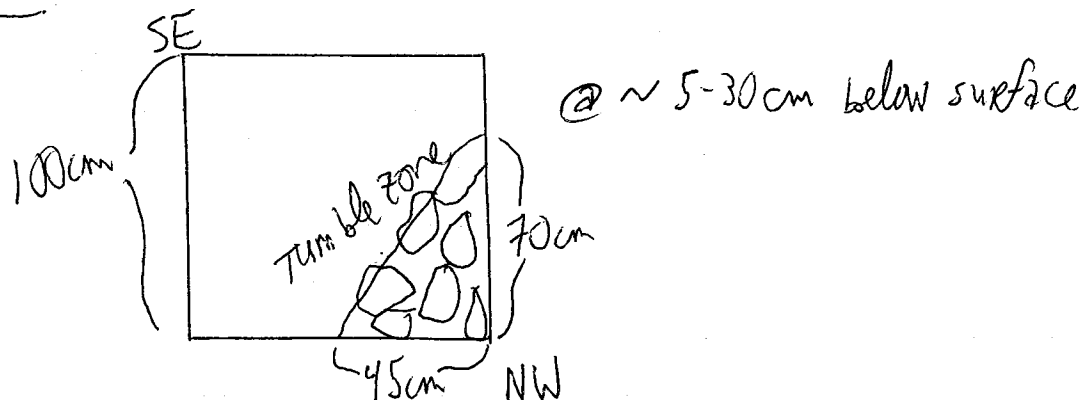
P95-78-14 of 119
2-6-95 (contd)

Lot 19 yielded ceramics and "terrace" now exposed.
 Also yielded obsidian and bone (Rat's jaw?).
 Lot 21 yielded ceramics in very high density. Stratigraphy noted below.



Lot 21 exposed a high concentration of tumble in NW corner - indicating a possible provenience from a structure to the northwest of meter (24). Tumble removed and a new, 10cm lot begun - lot 22 [corner elevations beginning: 265cm, 265cm, 255cm, 255cm below datum; corner elevations ending: 275cm, 275cm, 265cm, 265cm below datum].

Meter 24 "wall"
tumble



P95-78-15 of 119
2-6-95 (contd?)

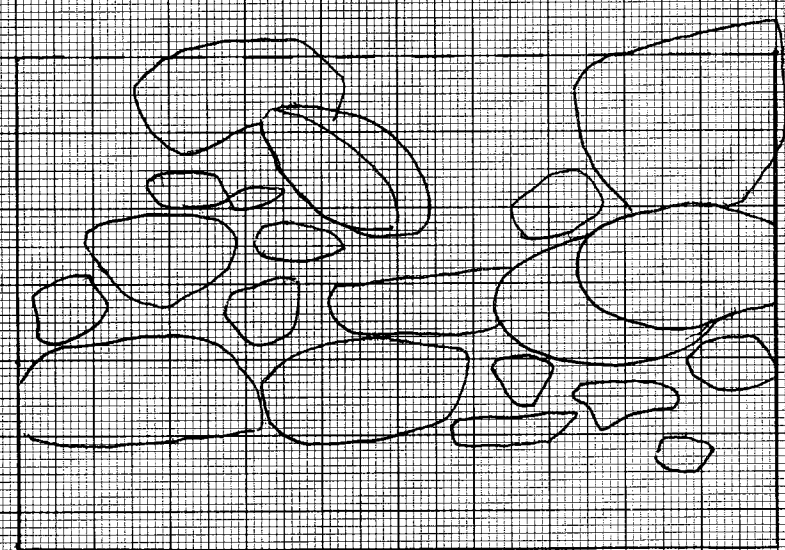
Lot 23 begun in Meter ~~23~~ 4. Expect to go down right on top of wall discovered in Meter 3 - taking lot down as necessary [see P95-78-16 for "wall" in Meter 3]. Lot 24 begun in Meter 23. Going down 10cm. Lot 24 yielded medium-large quantities of ceramics (mostly Ticomán). Begun Lot 25 in Meter 23 - going down 10cm. Encountering tumble.

Removing tumble (more or less at random!) in Meter 4 - lot 23 with hopes of distinguishing a wall or terrace. Minimal artifacts found.

Lot 25 yielded ceramics, obsidian, & bajareque.

OP 14
Subop E
Lots 18-19
STR 66
Meter 3

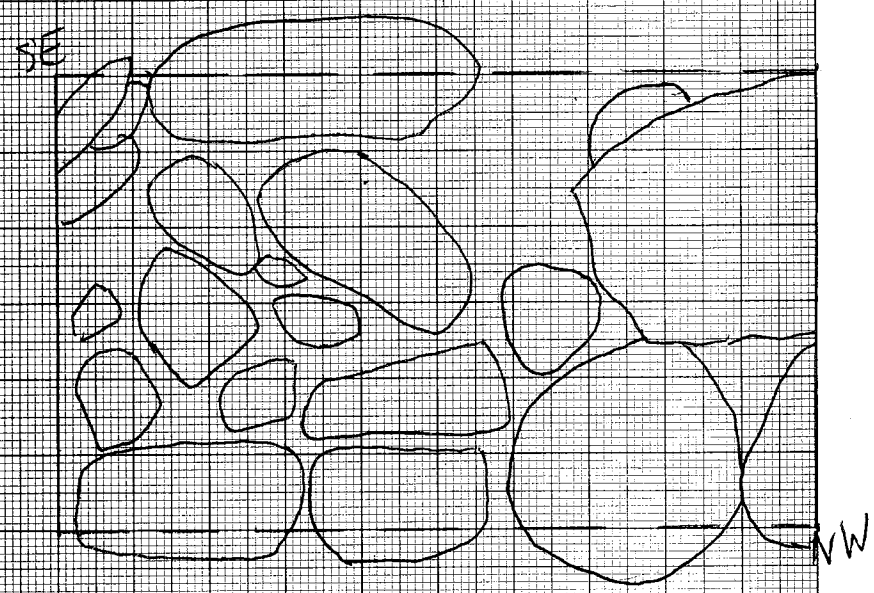
South Wall Profile
showing wall feature
in Meter 3



Scale

10cm

Top view showing wall
feature in Meter 3



46 1510

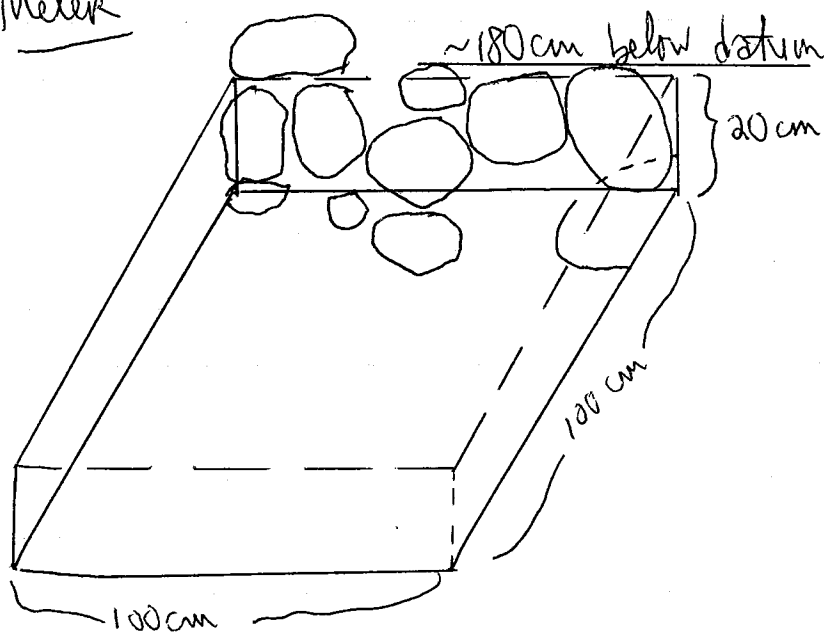
Continuing clearing tumble and dirt from lot 23 in Meter 4 - still encountering artifacts - but minimally and of "poor" quality.

Began Lot 26 in Meter 23 - going down 10cm - finding more tumble and ceramics.

Due to fog & mist this morning, stratigraphy is really nicely definable in all Meter units opened. 3, possibly 4 distinct levels in Meter 24 and 2 - coming on 3 distinct levels in Meter 23.

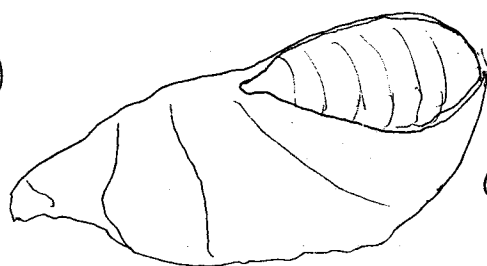
Along North wall of Meter 23, a line of stones was cleared - possible basal terrace or wall. Will go down farther to investigate. Some tumble in front, but not a lot (see below).

"Wall/terrace" appearing in
Meter 23 - North wall of
Meter



Discovered a large shell eroding from the ~~at~~ south wall of Meter 1 (~7cm x 3cm) (see below)

(~actual size)



(white)

[Lot 14E-12, Meter 1]

Encountered at ~ ~~75~~²⁷² cm below datum - on south wall, ~64-73cm from West wall corner. Collected and bagged.

Opened Lot 27 in Meter 5 - just up slope on mound of Meter 4 in hopes of distinguishing the elusive terrace - not finished with lot 23 yet!

Finished lot 23 by removing some more tumble.

Lot 27 is yielding a second "terrace."

Finished lot 26 - yielding a high density of JICARO sherds, and tumble. Possible platform uncovered - but uncertain at this point - going down another 10cm leaving some key stones in place. Large amount of sherds eroding out underneath this "platform" suggesting an occupation layer will specify in next lot (28) - meter 23.

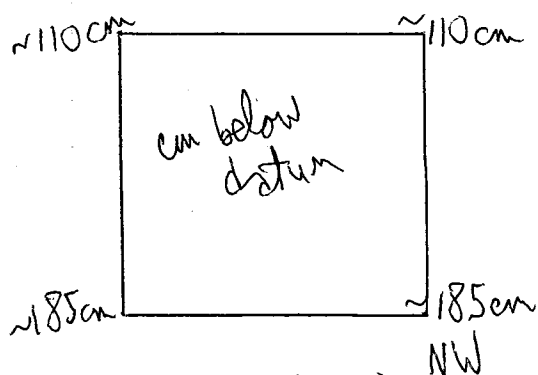
Still removing tumble and trying to make sense of lot 27. Lot 28 begun - proceeding about 5cm-10cm below last lot level. Both lots yielding sherds, but lot 28 (Meter 23) has a high density (esp. JICARO thick, cooking wear).

Finished lots 27 and 28 - yielding ceramics and tumble. [see map/plan on p95-~~78~~ 78-20]. Lot 28 only went down 5cm - lot 27 was variable from 5-10cm due to tumble and construction.

Began lot 29 (North end - Meter 6) and lot 30 (South end - Meter 23).

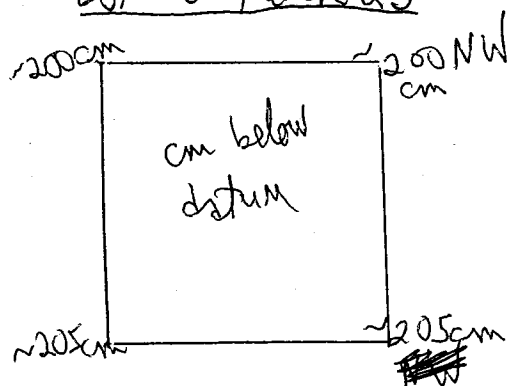
Lot elevations

Lot 29 - Meter 6



(@ end of lot)

Lot 30 - Meter 23

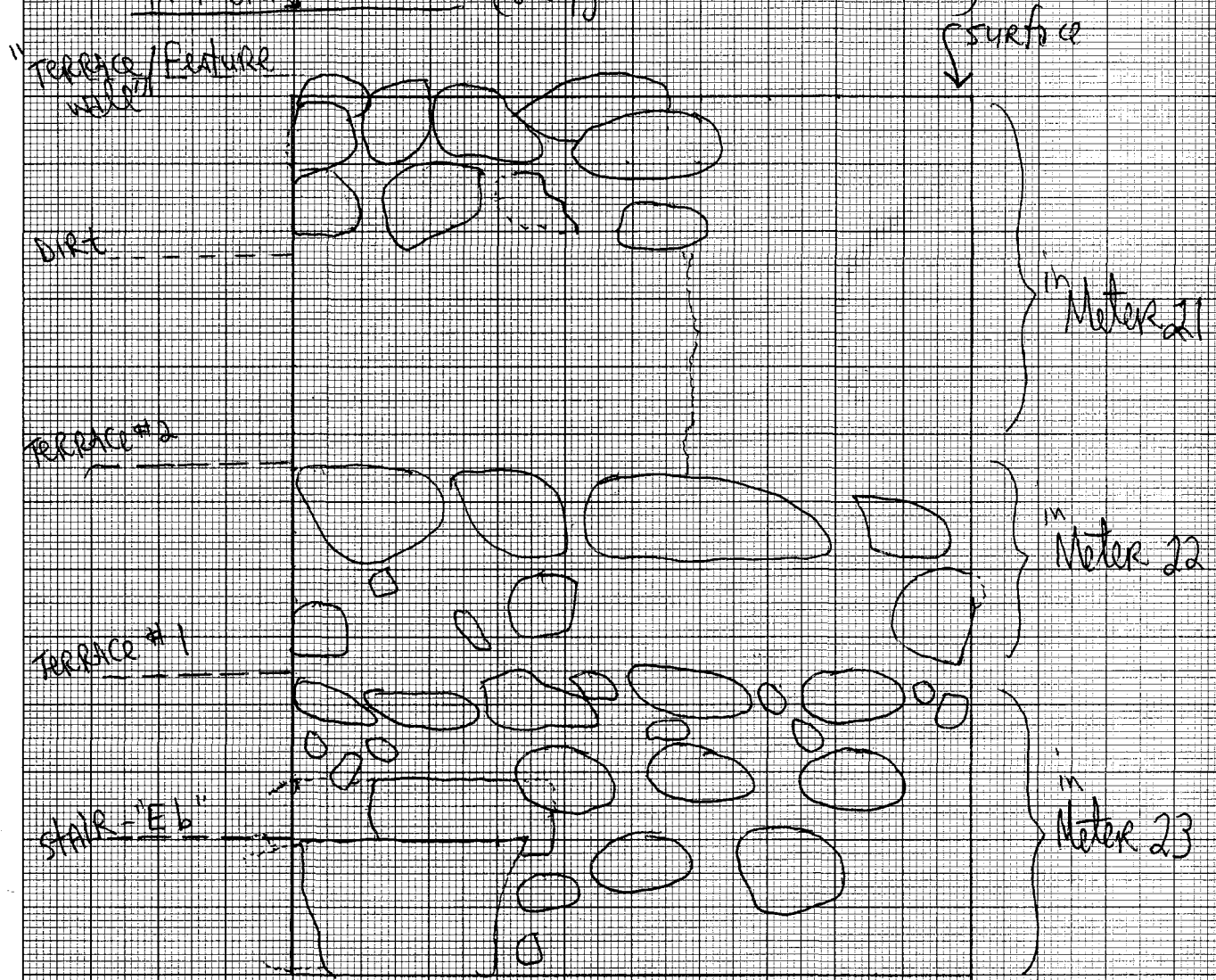


(@ end of lot)


Finished lot 30 - yielded large abundance of ceramics (5 large bags) - mostly large pieces of cooking ware. Most found on bottom floor of lot - suggesting an occupation layer - most likely a midden area - this lot is located just behind the smaller mound to the south. Many pieces with handles, many olla necks, many bases and "foot"s (called orejas - ears of the olla by the workers). Down to 200cm - 205cm below datum and moving on to lot 31 in Meter 22 - told the workers to just "clear the rocks" in order to see what I'm coming down on.

Op 14
Subop E
(Lot 28)
Meters 23-22-21

MAP (Front view) of architecture
in Meters 21-23 (see pg. P95-78-28 for elevations)



Scale

 = 10 cm²

Weekly
Summary

At North end of mound, Meters 1-6 excavated to some extent. Meter 1 is nearly 1M below surface with a subsurface platform discovered at about 65cm below surface. Meter 2 is comparatively less interesting, extending to only 60cm below surface. Meter 3 begins the terracing with evidence of the structure's first terrace on the meter's south face/wall. The top of which can be found just 25cm below surface. With the removal of much tumble, Meter 4 emerges as the place of the level terrace begun in Meter 3. Some 60cm from the North wall of Meter 4, a new "terrace" begins with large basal stones surrounded by smaller rocks. Most of Meter 5 is like the role in Meter 4 of being a "level area" and having a "new terrace" on its south wall (about 70cm from its north wall). However, this final terrace - the third encountered so far - may not be a terrace after all! About 50cm from the east wall of Meter 5 (70cm from the North wall), there extends what looks like a "normal terrace." Then at about 50cm, it rounds a corner and travels up the mound [see P95-78-20 for map/plan]. More excavating in Meter 6 may help to resolve this question.

More excavation did in fact show that there is another structure whose corner ends up in Meter 5. Clearing away the dirt and then will move on. Ed suggested to "attack from behind" - sink a 1Mx1M at the summit however far it goes down and head north, clearing as needed - in order to better define this structure. Right now it is home to a garrobo (large lizard) - for when we bothered him, he came out a-running!

At the south end, Meter 24-22 excavated to some extent. Meter 24 taken down a good 60cm yielding nothing unusual but an ~~abundance~~ abundance of potsherds. Meter 23 taken down to about 50cm below surface, stopping at a level which yielded a very great abundance of potsherds - mostly STCRO - cooking / use wares (some 5-6 large bags) - with all kinds of diagnostic pieces such as handles, bases, bottoms, necks, rims, etc. Meter 22 taken down in some place only 5cm, in other places 10-20-30 cm encountering a lot less ceramic material and a lot more tumble. Taking some out little-by-little trying to make sense. May have to open up a new Meter (21) soon to help.

Discovered human remains in Meter 6. Human cranium and several associated teeth. No artifacts found as yet in association with this "burial." located in Meter 6: The structure wall beginning in Meter 5 is 55cm from the east wall of the unit. It begins at the wall and extends 55cm out into the center of the Meter. From the corner of this structure in Meter 5, the cranium lays ~35cm south along the structure wall. It extends out ~23cm to a larger piece of bone matter (8cm x 5cm) and a smaller piece (4cm x 4cm) [it is 20cm from this point to the West wall of Meter 6]. The material is poorly preserved and Ed has instructed me to call it Burial 2 and take as much of it out as possible. [Refer to map/plan on P95-78-24].

Opened a new lot - 32 - in Meter 9 directly on top of the largest mound. Going to go down as far as needed and then excavate back through Meters 8 and 7 to help distinguish the structure in Meter 6.

Continuing down in Meter 22 - going down 40cm to meet the level in Meter 23 (present). This will be lot 33.

Going to continue the excavation and mapping in Meter 6 of the human skeletal remains discovered there yesterday.

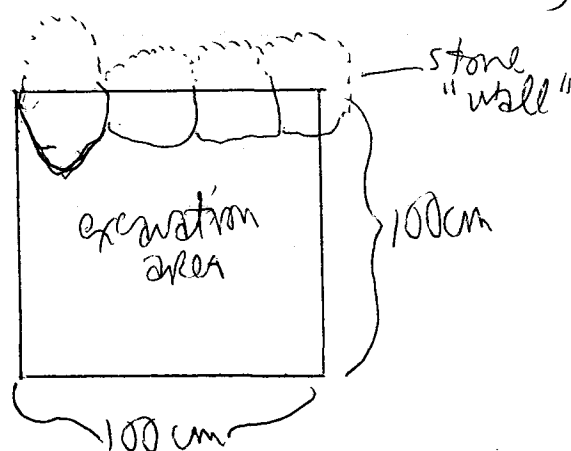
Lot 33 taken down 40cm yielded a mano chunk (ground stone) and lots of ceramics. Exposed on its North wall is a mess of tumble and terrace. Going to go up a meter (21) to expose more.

Lot 32 taken down 20cm exposing a "wall" on its south side and yielding ceramics, obsidian and large amounts of bajareque. Going down another 20cm for lot 34. (see bottom of page)

Lot 34 begun - Meter 9 - down 20cm (below last lot)
Lot 35 begun - Meter 21 - down as needed (5-10cm below surface)

(Very hot today!)

Meter 9
"wall" - on
South wall of
Meter

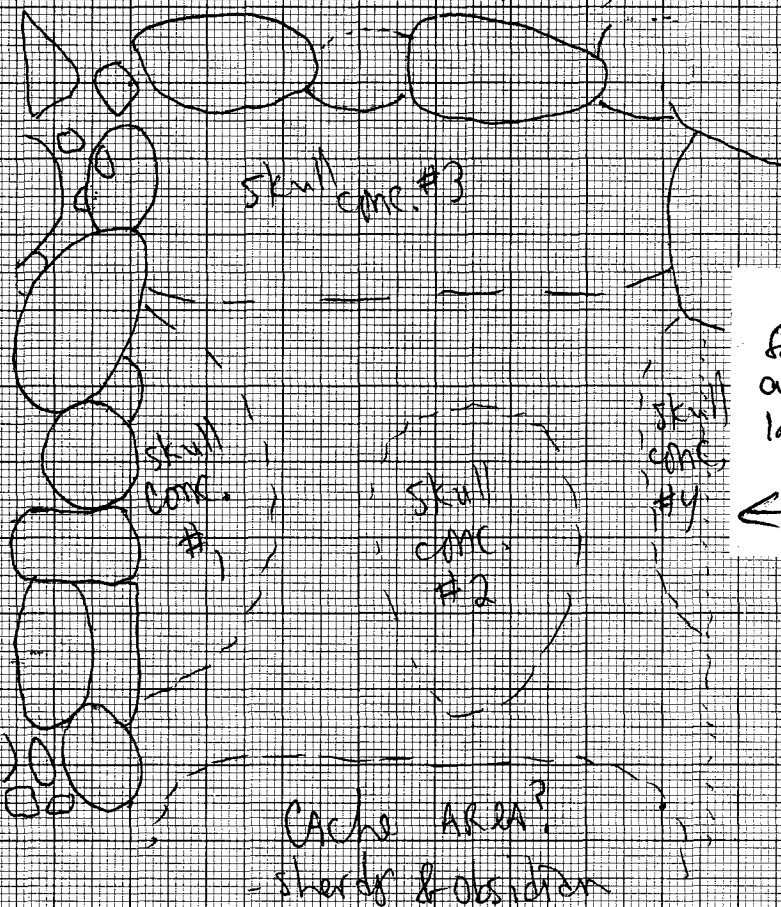


op 14
Subbox E
lot 29
Meter 6

later labeled as concept.
#2 and 3
plate w/
mand. +
teeth,
burnt
bones ↓
obsidian
cache w/
bones
↓

119
P95-78-24 of
2-8-95 (ent)

Initial "Burial" scene
in Meter 6 (lot 29) (top view)



see also P95-78-42

Scale

= 10 cm²

cache ↑
more vertical,
along E wall

Lot 34 yielding large amounts of basaltic and ceramic, mineral (chalk), and small bone fragments (probably faunal). Down almost 40cm now - no evidence of a base. After 1-2cm, encountered many small pebbles (Meter 9), but removed them (should I have?)

Lot 35 (Meter 21) yielding large amounts of ceramics as usual and plenty of tumble. Going through and removing what I know to be tumble and brushing off more dirt - hope to find something resembling a terrace soon!

Back to lots 33^{& 31} in Meter 22 and picking out more tumble trying to find a corner of a wall - not sure yet.

Going back north from Meter 9 to Meter 8 for lot 36 - going down 20cm.

Liberty has been excavating the skeletal material in Meter 6 - which now looks like two individuals (or at least two skulls). Moved several large pieces of tumble in hopes of getting a better angle to excavate.

Continuing excavation on skulls in Meter 6 (lot 29) with Liberty - it appears (stressing "appears") that there are three skulls with much associated pottery and some chert & obsidian. Evidence is three separate jaw positions (with teeth) - but may be due to this being terribly jumbled (as it is under tumble) or a secondary interment. Today using a screen! This is very much appreciated and useful (and time saving).

Continuing excavation in Meter 8. Finished lot 36 - the first 20cm down. This yielded a wide variety of artifacts: potsherds, chert, obsidian (one very nice endscraper), bajareque, bone/shell(?) and some unidentifiable white rock my workers told me was "important." Going down another 20cm for lot 37. Encountering tumble on North wall - not sure yet what to do with it.

Continuing excavation in Meter 22 - lots 31 & 33, removing tumble as needed/desired. Still much ceramic material showing up. It seems as though there may be a "structure" or "wall" appearing with its corner halfway through the meter from the west wall - waiting to see.

Decided to begin naming my "Features" today and tomorrow. The first one is the "subsurface platform" encountered in Meter 1, previously named "ox tun nal" (3 stone place in Yucatec Maya). Will continue using this system to name other features such as the terraces, walls, etc.

Excavating the human remains - large potburst discovered with obsidian (one piece - 9cm long in very nice condition).

2-9-95
(cont'd)

Don Luis is now in charge of screening all the dirt from Meter 6 - and doing a nice job I might add!

Finding more of the plate/pot in Meter 6 and have taken out 2 9cm blades of obsidian and 5 more blade segments. Starting to find beads as well - in context with the ceramics - not on the skulls.

I Believe there is a third concentration of skull fragments just to the south of major concentrations 1 & 2 (refer to plan).

Finished lot 38 in Meter 8 and sort of defined a wall running perpendicular on the north wall. Begun Lot 38 in Meter 10 will go down 20cm. This meter also has a wall onto north wall.

Finished removing stones/tumble in Meter 202 to reveal a step to a terrace (see P95-78-28 for map). Now moving up to Meter 21 to remove more tumble.

Lot 38 (Meter 10) yielded ceramics^{bone} and large amounts of bajareque. Begun lot 39 - Meter 10 - 20cm down further.

Mapped skeletal remains in Meter 6 with Ed; took elevations with Liberty.

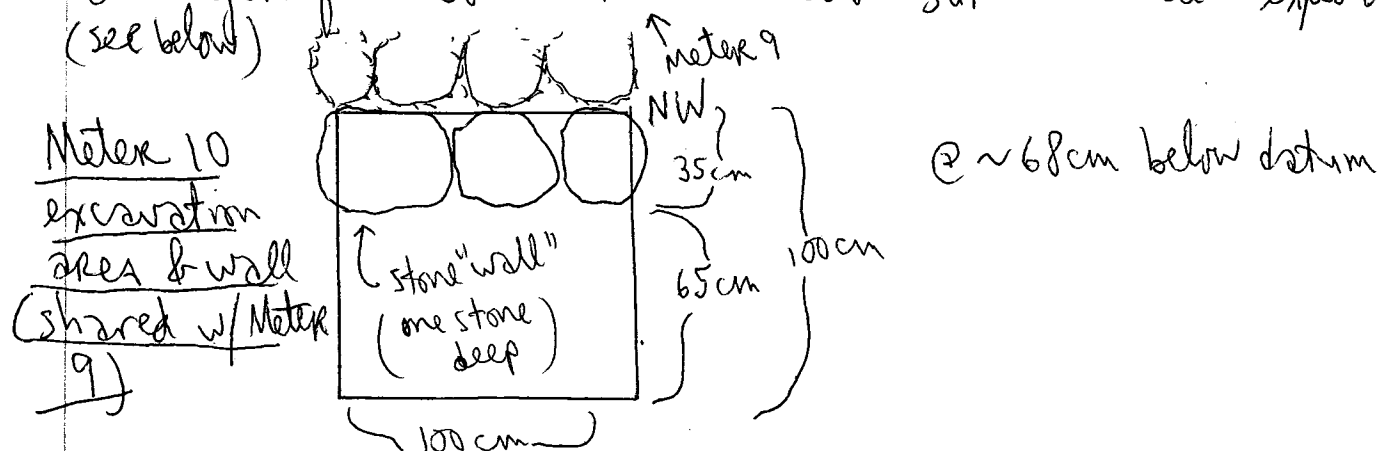
Bone discovered in lot 38 were described by the workers to be those of a crab (pinchers) and a bird (vertebrae) - who knows?!

P95-78-28 of 119

2-10-95

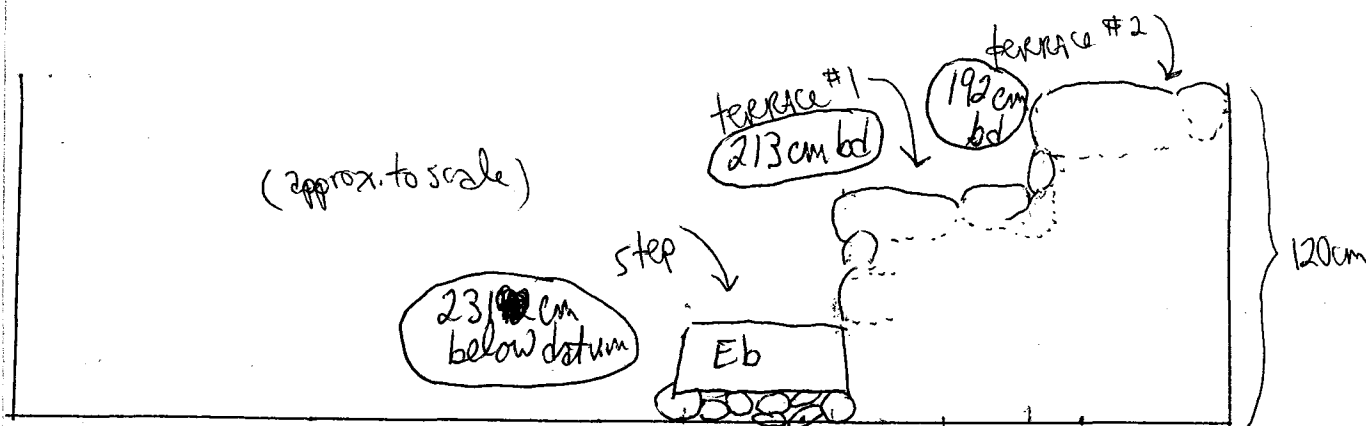
Continuing excavation of the skulls in Meter 6 - new material continually being uncovered. Two jaws with teeth excavated and another three exposed.

Continuing / Finishing excavations in Meter 10 - yielding ceramics and bajareque. Down now 40cm below surface. "Wall" exposed (see below)



Will begin New Meter at south base of larger mound and then travel north.

Continuing excavations in south of trench - now begun Lot 40 in Meter 20 - clearing away tumble, etc. Finished lot 35 (Meter 21) which yielded bajareque and ceramics. Good terrace definition uncovered (see below)



Meters 24-21 profile - side view (of architecture)

Finished lot 39 in Meter 10 - yielding ceramics, baja requi, and obsidian. North wall nicely defined.

Began lot 41 in Meter 13 going down as needed. This is on the slope of the mound, so much tumble and architecture is expected.

Finished lot 41 (Meter 13) - tumble and architecture uncovered with just a few sherds and pieces of baja requi. Began lot 42 in Meter 14 going down 20cm below surface in hopes of distinguishing architecture in Meter 13.

Finished lot 40 - yielding small amounts of ceramics and lots of tumble - still trying to find more architecture. Moving up mound. Finished lot 42 yielding small amounts of ceramics and shell. Going down another 20cm (below last lot) to help define the situation.

Beginning lot 43 (Meter 14) - down 20cm.

Beginning lot 44 (Meter 19) - down as possible/necessary.

Lot 43 yielded ceramics and shell and revealed tumble with a possible wall appearing in the north end of the Meter (14). Opening lot 45 in Meter 15 going down 20cm ~~below~~ below surface initially.

P95-78-30 of 1
2-13-95

Continuing excavation of skulls in Meter 6 (lot 29). Plan on removing a major skull concentration today - brought a trusty "Honey Nut" cereal box just for the occasion!

Continuing / finishing excavation in lot 45 (Meter 15) - with hopes of being able to define architecture uncovered in Meter 14. So far this lot has yielded a small amount of ceramics and some shell - a new "kind" though - more like a snail (see below)

snail shells type
in Meter 15

[vs. the more conical
shells discovered in
Meter 1, for example]



(~about actual size)

Continuing cleaning and excavating in Meters ~~19~~¹⁹ and ~~20~~²⁰. Finished with lot 44 in Meter 19 with uncovering and defining of a wall at north end of meter - will discuss later with more detail when better context can be obtained. Moving on then to lot 46 in Meter 18 - cleaning rocks, etc.

Finished lot 45 - yielded ceramics, chert, obsidian, shell (see above description) and a possible ceramic earflare (see below)

ear flare
from lot 45



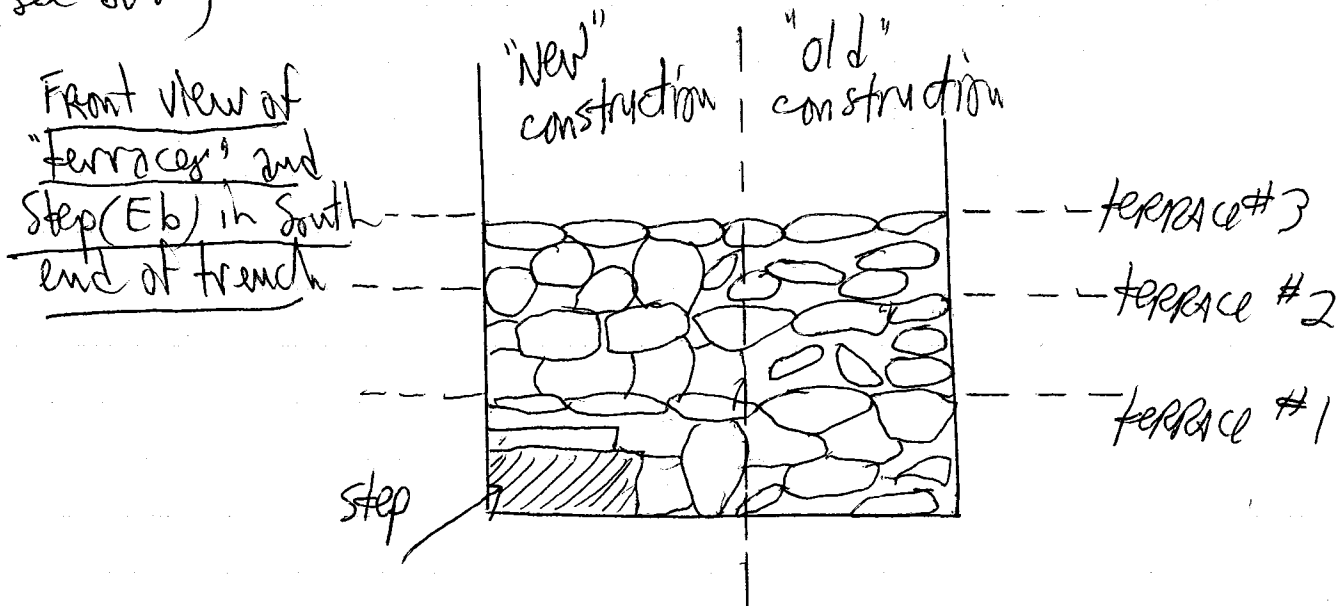
(front) (back) (side)

Lot 45 also yielded heavy tumble in south $\frac{2}{3}$ of Meter. Next lot Begun - lot 47 - in between meters 14 & 15 - taken down 10cm to help define architecture & make next move.

Clearing tumble in lot 44 (Meter 19) has given way to a corner of a structure - rather than a terrace or wall once thought to be. Will discuss more later when better defined and better context develops.

Have begun naming more "features." The step in Meter 22 at the base of the terraces is called "Eb" (Yukatek for "step"). The corner of the feature in Meter 6 - in context with the skeletal material - is called "K'atin Bak" [Yukatek for "place warmed by bones"] - will name more later.

Pat has pointed out that it may be possible that the "terraces" in Meters 24-21/20 may be a "new construction." (see below)



Finding pieces of long bone and possible ball (of ball-and-socket joint) as well as pieces of burnt bone!

Lot 47 complete - 10cm below last lot. Yielded no artifacts, but showed all rocks in Meter 15 to be tumble, and a possible wall in Meter 13.

Began lot 48 - removing tumble in Meter 15 - ~20cm below last level. Yielding ceramics, shell, obsidian, figurine fragments, a pendent (complete), bayareque, and bone.

~~848~~ Removing stones from Meters 17, 18, & 19.

Began Lot 49 - Meter 16

Began Lot 50 - Meter 17

Removing surface dirt, grass, and top layers of tumble.

Finished lot 48 (Meter 15) - yielding an abundance of ceramics, shell, obsidian, bayareque, bone - as mentioned previously. Going down another 10cm for lot 51 (Meter 15)

Opened lot 52 in Meter 13 to clear away some rubble/tumble and found some ceramics and some shell.

Meters 13-18 & 6 still open - removing artifacts and tumble.

Lots 49-52 & 29 still open.

P95-78-33 of 119
2-14-95

Continuing excavations in Meter 6 (Skulls), and Meters 15, 16, & 17 (top of small mound to south - base of large mound).

Lots 51 (M 15), 49 (M 16), 50 (M 17), & 29 (M 18) still open - and 52 (M 13) for the time being.

Lot 46 (Meter 18) yielded obsidian, ^{bajareque} ceramics and tumble - almost defined architecture - waiting to clear more rock - but finished with lot artifact collection.

Beginning new lot Between Meters 19 & 20 - taking out what I thought was a terrace - turns out - not! Going down 10cm through tumble and dirt for lot 53.

Stopping lot 51 (Meter 15) - yielded a large amount of ceramics, ^{bajareque} obsidian - including a microcore, and a wonderful monkey-head ocarina (whistle).

Still encountering large skull fragments, jawbones with teeth, etc. Some more burnt bones found in corner (SE), plate with skull remains - including bottom jaw and most teeth inside. See Report forthcoming. (Meter 6 - Lot 29)

Lot 54 opened - between Meters 18 & 19 - down 10cm removing tumble, Encountered ceramics & shell.

Lot 49 - Meter 16 - finished - taken down a full 70cm - all tumble and artifacts - ceramics, shell, bajareque.

Continuing extraction of rubble in lots 47 (Meters 14 & 15) and 50 (Meter 17). Lot 52 (Meter 13) still on hold.

Finished lot 47 (Meters 14 & 15) - yielding ceramics, obsidian, and basalt.

Finished lot 50 (Meter 17) yielding groundstone - (mano & metate fragments), ceramics, and basalt.

Lot 47 showed no architecture. Lot 50 revealed a wall - and possible doorway on west wall.

P95-7835d

2-15-95

New lots opened: 55 in Meter 11 - top of large mound - going down 10cm initially
 56 in Meter 14 - back base of large mound - clearing tumble - going down 40 cm to meet level defined in Meters 15 & 16.
 57 in Meter 12 - top of large mound - going down 10cm initially

All aimed at defining architecture on top and back of large mound - and deciding what to do in Meter 13 (lot 52) (still open). - All other lots (save 29 in Meter 6) are closed. [Last Meter to open will be Meter 7; architecture by feature K'atin Bak].

Continuing excavations of skulls in Meter 6 - close to finishing (I hope!) today.

Finished lot 55 (M11) - yielding no clues to architecture minimal tumble, ceramics, bayo regue, obsidian, and ground stone. Expect to take it down a full 40cm below surface in 10cm levels. Next lot open - 58 - in Meter 11 - going down 10cm.

[Lot 50 ~~not~~ ~~not~~ closed] (animal bone bag Found)

Finished lot 56 (M14) - yielding ceramics, bayo regue, obsidian, chert, and a giant tarantula with big hairy legs! - NOT taking latter to lab - don't think Maxine wants it....

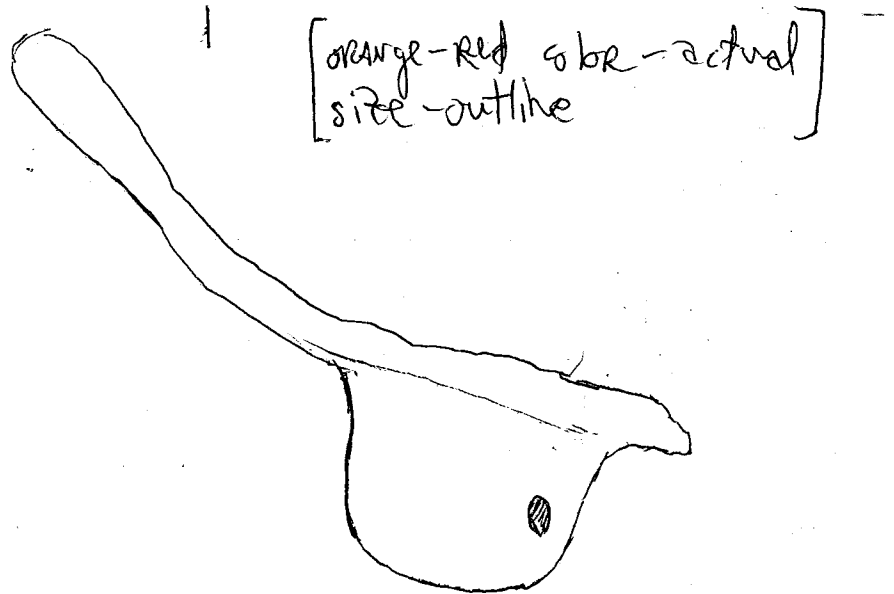
Opened lot 59 (Meter 11) - 10cm down.

p95-78-36 of 119
2-15-95 (Cont'd)

"Re-opened" Meter 13 - finishing lot 52 (opened earlier to expose subsurface rubble - rocks cleaned now removing tumble and artifacts and looking for architecture).

Finished lot 58 (Meter 11) (10cm level) - yielding ceramics and bajareque. One piece in particular - a large plate - with rim and foot (see below)

"Plate" outline
discovered in lot 58



Opened lot 59 in Meter 11 - going down 10cm further to 30cm below surface.

Finished lot 59 - yielded ceramics, bajareque, and obsidian - not very much tumble.

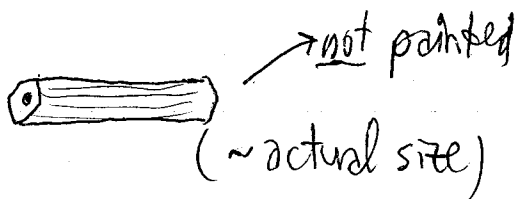
Opened lot 60 - Meter 11 - down 10cm to 40cm below surface

Took out skull in Meter 6 - nicely held together

CARBON sample encountered in Meter 13 - lot 52 at 179-184cm below datum in NW corner of Meter - emerging from the West wall (~2-3cm south) - mostly fragmented, but a couple of "good chunks" - all below tumble - not in particular association with sherds - but a lot of obsidian found within 20cm.

Continuing excavation of skull - bone material now ephemeral (believe it or not!), encountered tiny shells - less than 1cm long - intact - and a clay bead (see below)

clay bead in
Meter 6 - lot 29



Finished lot 60 (Meter 11) to meet Level in Meter 10 (~40cm below surface) - found obsidian, chert (with a core), bajoreque, and ceramics (of course!).

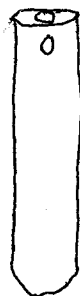
Opened lot 57 going down the full 10cm - Meter 12. Will go down in 10cm as is possible.

Finished lot 29! (Meter 6) - removed final skull frags, etc. Down 165cm, 165cm, 180cm, 180cm below datum. Will later open a unit (Meter #25) off to the side of Meter 6 to see architecture and look for more human remains.

Finished lot 52 - yielding shell, ceramics, chert, obsidian, bayareque, groundstone, and two samples of carbon (see P95-78-39 for plan of lot / Meter).

Finished lot 57 - Meter 12 - yielding ceramics, bone, bayareque, obsidian and a lovely jade pendent (see below)

Jade Pendent
from lot 57



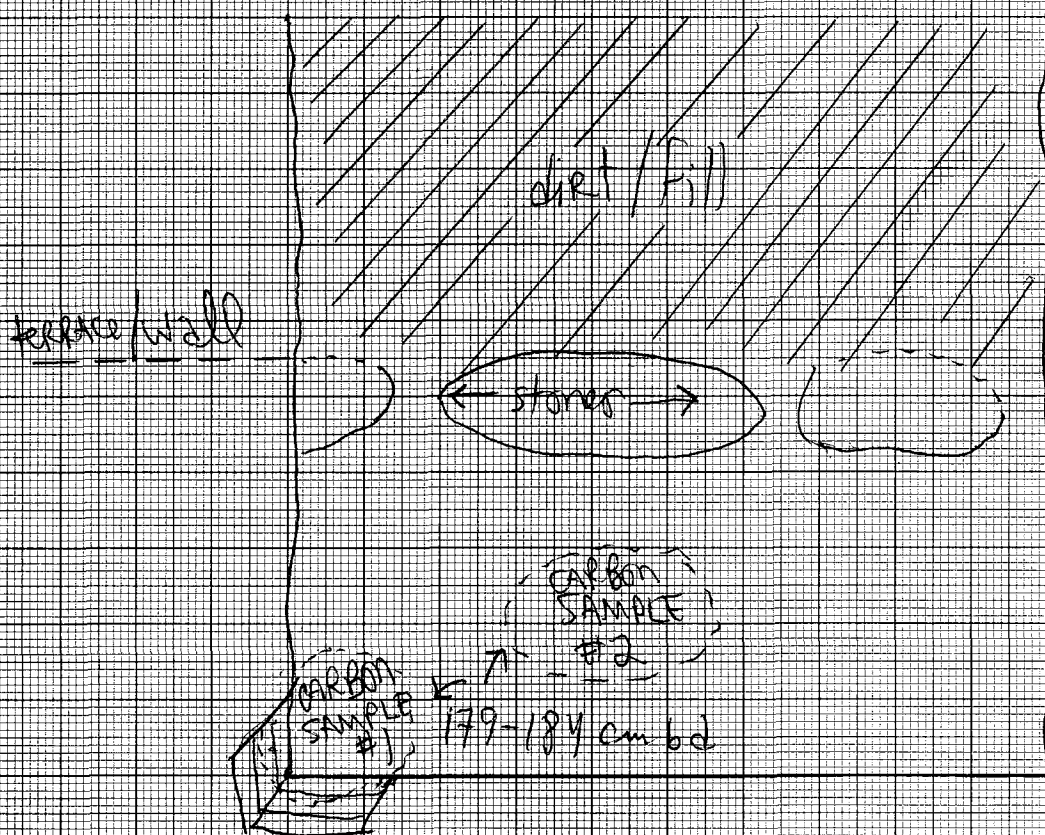
(~actual size)
(@ 122 cm below datum)

(see plan on P95-78-40 for location of pendent and south wall profile).


OP 14
Subope
lot 52
Meter 13

P95-78-39 of
2-15-95 (cont)

Carbon Sample locations
in Meter 13 - lot 52



Scale

 = 10 cm²

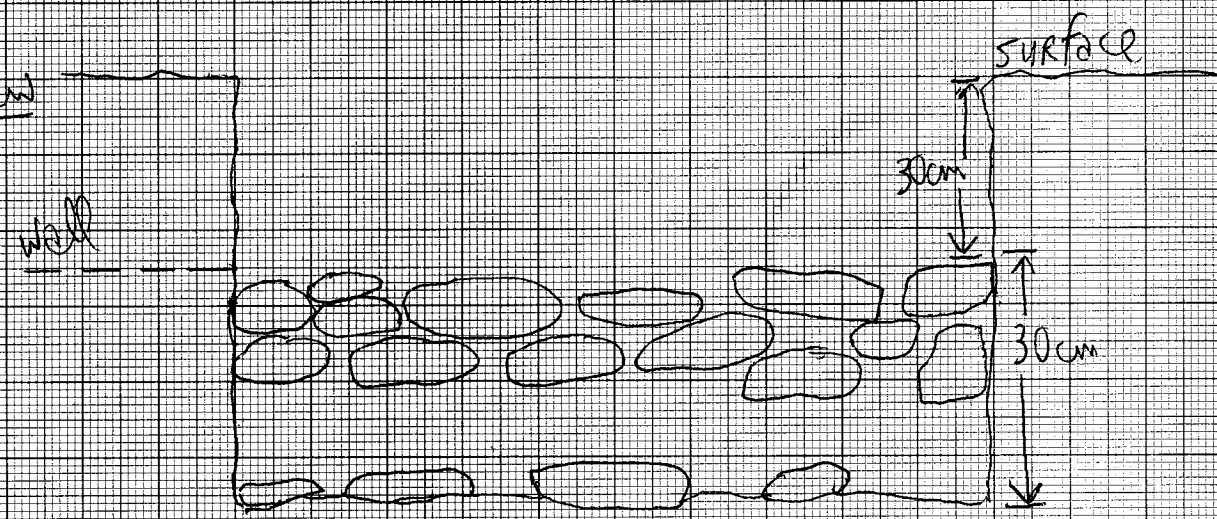
46 1510

K&E 10 X 10 TO THE CENTIMETER 18 X 25 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.

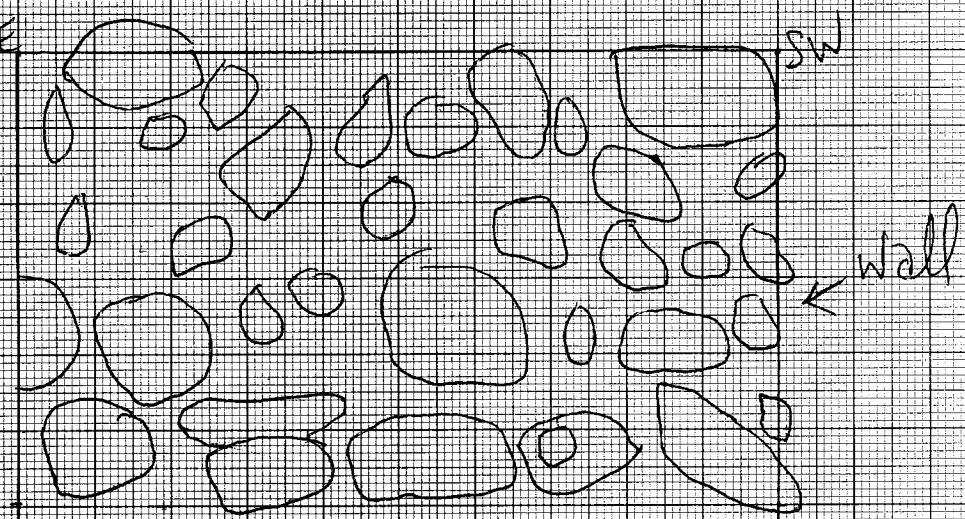
op 14
sub E
lot 57
Meter 12

Architecture & Trench
location in Meter 12
(Lot 57)

side view

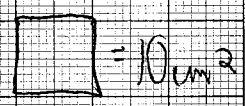


top view



Jade pendant
found here?
@ ~122cm
below datum

scale



2-16-95

Opened two new lots - lot 61 in Meter 7 - going down as needed - removing tumble, looking for architecture. - lot 62 - in a "new" Meter - 25 (see P95-78-3) - 1 Meter² West of Meter 6. Left no balk - because skeletal material still present - although now ephemeral. Doesn't "destroy" completely my wall profile - must be done due to human remains' presence. All other "extensions" will have a balk wall (~30cm thick) and be placed in a new subop (14F?). Going down in lot 62 25cm, then a new lot - 25cm, then a new lot - 25cm - until the depth in Meter 6 is reached.

Discovered human teeth and obsidian @ ~ 60cm below surface when sweeping in Meter 17. Located in NW corner along the west wall. May "extend" original subop (E) to include another (meter 26) - may begin new subop (F). Waiting to talk to Ed or Pat....

Due to angle of slope, lot 62 will be taken to the level in Meter 6 - ~35cm below surface - architecture appearing.

Confusing architecture leads me to open a "new" extension on 14E. Meter 26 - lot 63 - south of Meter 25; West of Meter 5 - 1 Meter². - chasing a possible corner of a structure on a terrace.

Architecture uncovered in lots 61-63 - see plan on P95-78-42 (next page).

- 78-42 of 119
P95-02
2-16-75 (cont)
SW

SE

METER 7

K'AN
MUK

plate w/ teeth, jaw
burnt bone asst.

Skull #2

Skull #3

or occipital
w/ plate here

Skull #1

Skull #4

Skull #5

METER 6

Skull #6

Skull #7

METER 25

TZ'AP
MUK

obsidian cache
w/o bones here

METER 5

METER 26

NE

NW

46 1510

10 X 10 TO THE CENTIMETER 18 X 25 CM
KEUFFEL & ESSER CO. MADE IN U.S.A.

K'AN
BAK

NAMED some features: 1ST terrace (in Meters 3-4) is YAK Halach; Wall in Meter 6 as follows: EAST wall is K'ATIN Bak, south wall is Kann Muk. Wall that is Meters 25 and 26 is TE'AP Muk; Wall between Meters 9 and 10 is IAN WITZ.

Went sweeping/scraping/cleaning - and found the following: in Meter 14, lot 60 - ceramics, muscovite, and shell; in Meter 4, lot 23 - ceramics and obsidian; in Meter 17, lot 50 - a human tooth and obsidian (@ ~ 60cm below surface in NW corner along West wall).

Finished lots 62 & 63 - yielding ceramics, mineral (muscovite), and tumble. Architecture found (see P95-78-438) and followed in two new lots - Lot 64 (Meter 27) and Lot 65 (Meter 28) (see P95-78-03).

Still working on removing tumble from Lots 64 & 65.

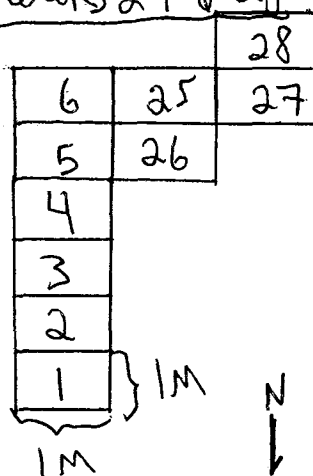
Finished lot 61 - clarifying wall structure on north wall of Meter. Lot 61 yielded ceramics, obsidian, bajareque, and shell.

P95 78-44 of
2-17-95

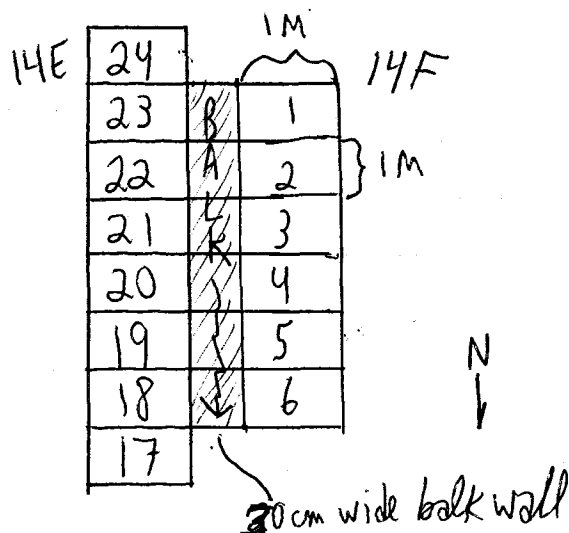
Delaying work on Lots 62-65 - opening new
lots to help identify architecture.

New lots: 66 in Meter 27 - 1M² (see below diagram)
~~66~~ In new subop F, lot #1 (14F-01) in new
trench flanking south end of 14E (see below
diagram).

* Meters 27 & 28



* New Subop (14) F lots 1-6



New lot ~~67~~ Meter 28 begun.

Lot 61 finished. Down a full 70cm below surface - "north
wall" (Kann Muk) exposed. Lot yielded ceramic, bajareque,
Obsidian, & shell.

Finished 14F-01 - yielding an abundance of ceramics,
some bajareque, obsidian, and shell. Obviously in a
midden. going down another 20cm - to 40cm below surface.

Gone back to Meter 25, 26, 4, 5, & 6 - clearing & removing tumble - terraces are appearing. Keeping Lot 66 & 67 (in Meter 27 & 28) open. Finished lot 14F-01, opened 14F-02 - going down 20cm (Meter 2 - subop F).

Closing lots 55 & 66 - found "enough" architecture. Lot 65 (Meter 28) yielded ceramics, basalt, shell, & chert. Lot 66 (Meter 27) yielded ceramics, & obsidian.

Closing lots 62, 63, & 64 - yielding ceramics & obsidian.

Found ceramics, obsidian, & faunal remains while clearing/removing tumble from Lot 27 (Meter 5) area. Bagged & Tagged.

Lot 14F-02 done - yielded ceramics & obsidian in very high abundance. Beginning 14F-03 in Meter 02 just 1m² N of Meter 01 in 14F. Hoping to help define Architecture in 14F-M01.

Still excavating 14E-67 at corner of structure (66).

"MASTER MAP"

ME-29; MEK 06

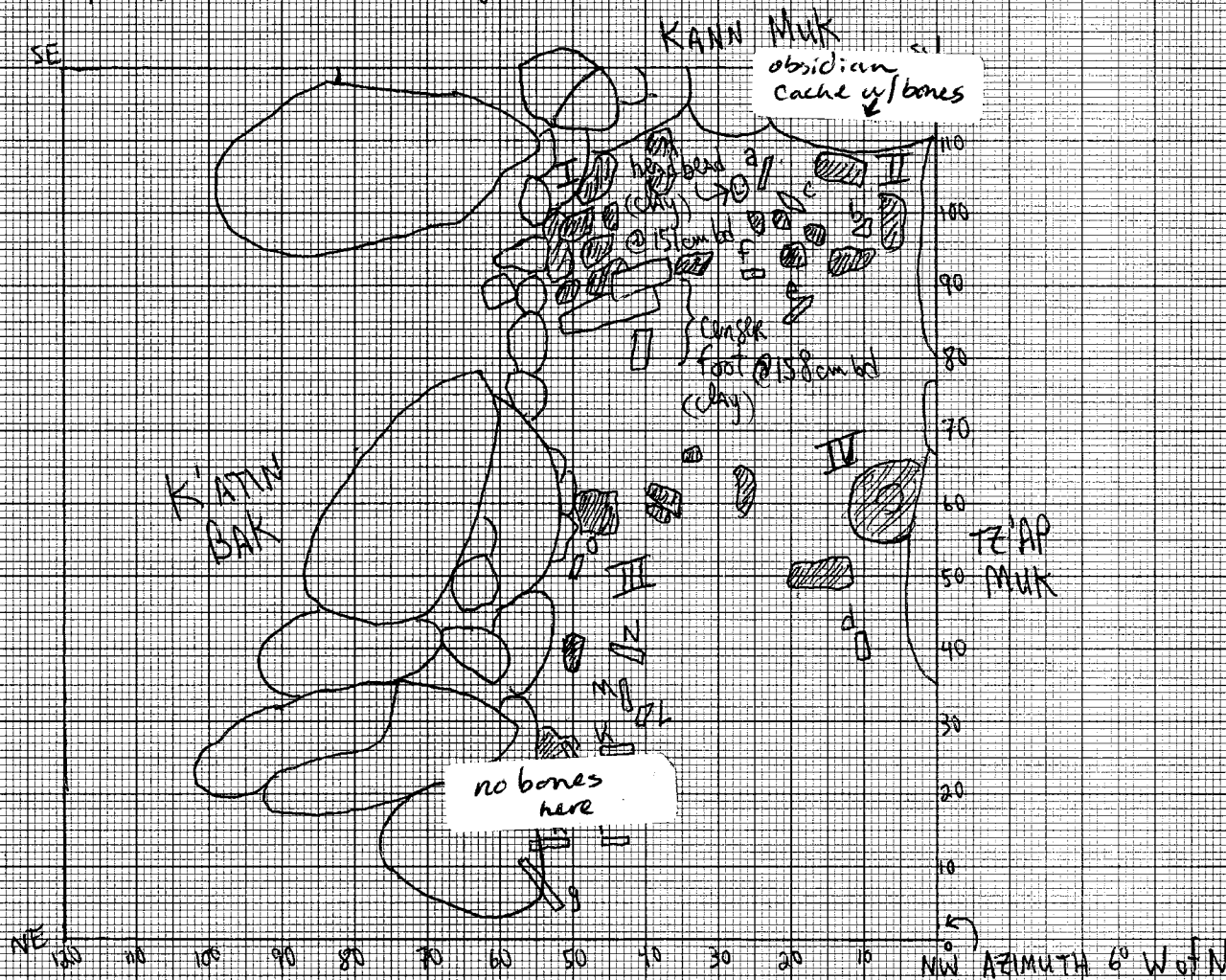
corner elevations beginning: 105cm, 105cm, 180cm, 180cm below datum

corner elevations ending: 165cm, 165cm, 185cm, 185cm below datum

see notes on P95-78-19, 24, 25, 26, 27, 28, 30, 32, 33, 35, 36, & 37, 40, 46, 47 & MAPS #1, #2, #3

ARTIFACTS & Human REMAINS - LOCATIONS & ELEVATIONS

obsidian, potsherds
bead, censer foot (next page)



- a - broken obsidian blade; 3cm x 1cm; 162cm below datum
- b - distal blade seg. obsidian; 163cm bd, 1cm x 2cm
- c - broken obsidian blade; 2.5cm x 1cm; 159cm bd
- d - broken obsidian blade; 1cm x 1.5cm; 155cm bd
- e - broken obsidian blade; 9.5cm x 1cm; 159cm bd
- f - broken obsidian blade; 1cm x 2cm; 159cm bd
- g - broken obsidian blade; 9cm x 1cm; 151cm bd
- h - broken obsidian blade; 6cm x 1cm; 134cm bd
- i - broken obsidian blade; 3cm x 1cm; 162cm bd

- J - broken ob. bl.; 14.7cm bd
- K - " " 15.4cm bd
- L - " " 14.5cm bd
- M - " " 14.5cm bd
- N - " " 14.5cm bd
- O - " " 15.8cm bd

- I = shard conc. @ 152cm bd
- II = shard conc. @ 155cm bd
- III = shard conc. @ 151cm bd
- IV = ceram. plate @ 162cm bd

SCALE

10cm (1:10)

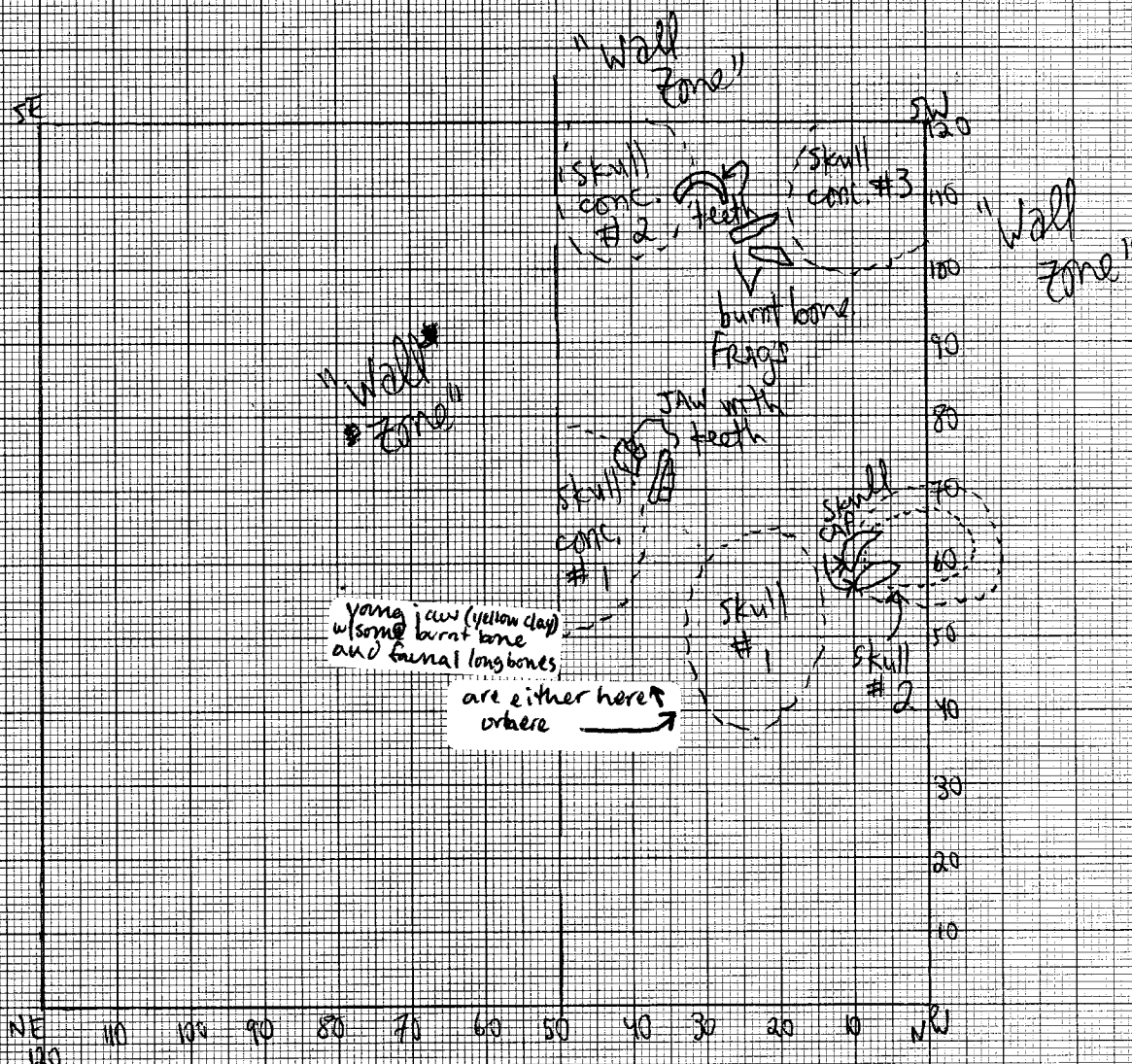
KEY

□ = obsidian blade
○ = rock
■ = potsherd

N
10° W of N
(mag.)

"MASTER MAP" (PART 2)
14E-29; meter 06
[Refer to P95-78-46]

HUMAN REMAINS - LOCATIONS & ELEVATIONS



Order of excavation

- 1 Skull Concentration #1: @ ~150 cm bd
- 2 Skull Concentration #2: @ ~158 cm bd
- 3 Skull Concentration #3: @ ~197 cm bd
- 4 Skull #1: @ ~152 cm bd
- 5 Skull #2: @ ~158 cm bd

excavations by Liberty Smith & Christian Wells (1995)

excavation in a counter-clockwise fashion starting with skull conc.

(for I.D. of bones w/ artifacts)

N
10° W of N
(mag.)

scale

10m (1:10)

P95-78-40 of 49
2-20-95

Continuing excavations on North area of mound in Meters 25-28. Going to begin Meter 29 soon in same area to follow architecture. Also continuing excavations on South area of mound in 14F-meters 1-4. Going to begin 14G-meters 1-4 flanking other side of 14E trench (along central axis of mound) — this week.

Upon closer inspection, workers in north area have been zealous in their digging (ie. they dug too much!). New format:

			29
6	25	27	30
5	26	28	31
4	36	34	32
3	37	35	33
2			
1			

And new lots: 62 = M 25
63 = M 26
64 = M 27
65 = M 28
66 = M 29
67 = M 30
68 = M 31

Continuing excavations / beginning excavations today:

Lots 66 in M 29

67 in M 30

68 in M 31

and Lots 02 (Meter 02-of 14F), 04 (M 03-14F), and 05 (M 04-14F). — All lots taken down as needed.

Meters/lots done → 14F-01, 02 in Meter 81 - yielding large amounts of ceramics and some obsidian. 14F-03 in Meter 82 - yielding some ceramics. 14E-66 in Meter 29 yielding ceramics, basalt, and obsidian - in small amounts. 14E-67 in Meter 30 - yielding nothing! And 14E-68 in Meter 31 yielding only groundstone and obsidian (see below)

Groundstone in 14E-68/31

very smooth, cylindrical
vesicular basalt
groundstone
[mini-mano, pestle?]



New lot begun - lot 14E-69 in Meter 37 (see plan on P95-78-48). Going down as needed to follow terrace YAX
Hahach discovered in Meters 3/4.

Weekly
Summary

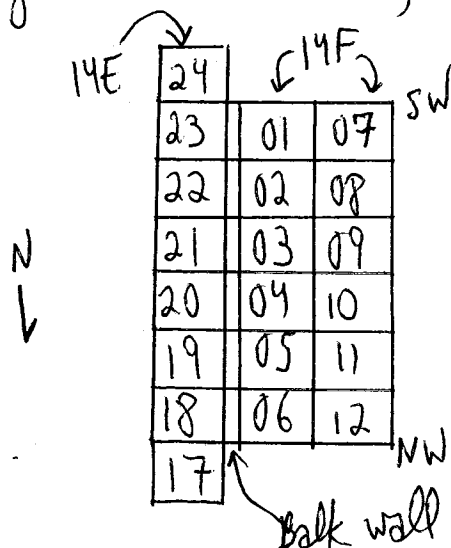
P95-78-50 of 119
2-20-95 (cont'd)

Since last summary (P95-78-21, 22 on 2-7-95), it's actually been two weeks! These two weeks were rather successful, though. They saw the completion of the original axial trench, 14E-1 to 24, extensions of meters 25-37 on the northwest axis of str. 66, and the beginning of a new subop, F (specifically, 14F-1 to 6).

2/8-2/10 (Wed-Fri): much progress was made in all areas of trench → in the North, Meter 6 (lot 29) continued to yield much skeletal material, as well as beautiful obsidian blades, and large potsherds; in the center, architecture was defined - 2 nicely preserved walls uncovered on large mound; in the south, terraces revealed and an unusual structure uncovered - possibly an entrance way. Lots 32-44 excavated.

2/13-2/17 (Mon-Fri): complete excavation of the main trench by Thursday (more or less) and new Meters started on Friday (with some initial mix-up). Of special note, a jade pendent (broken) [not believed to be a bead blank] discovered in lot 57 / Meter 12 on top of the large mound, & two rather crumbly carbon samples from lot 52 / Meter 13 - well below timber at 179-184 cm below datum. Finished skull excavations in lot 29 (Meter 6) on 2/15/95 (Wednesday). All were "disappointed" it came to an end. In all - believed to be five individual skulls - two of which ~~were~~ were able to remove somewhat in tact, & three that were so smashed we were forced to pick the pieces out, piece by piece. Some 15 obsidian blades & fragments discovered in two distinct clusters (see P95-78-46) and potsherd "bust zones" that may total 4-5 plates in all. Burnt bone also discovered (human?) with beads and a censer foot.

Continuing excavation in the "front" of the structure (N) in lot 69 (M 37). Extending subop F to include Meters 14F-01 through 12 (see below)



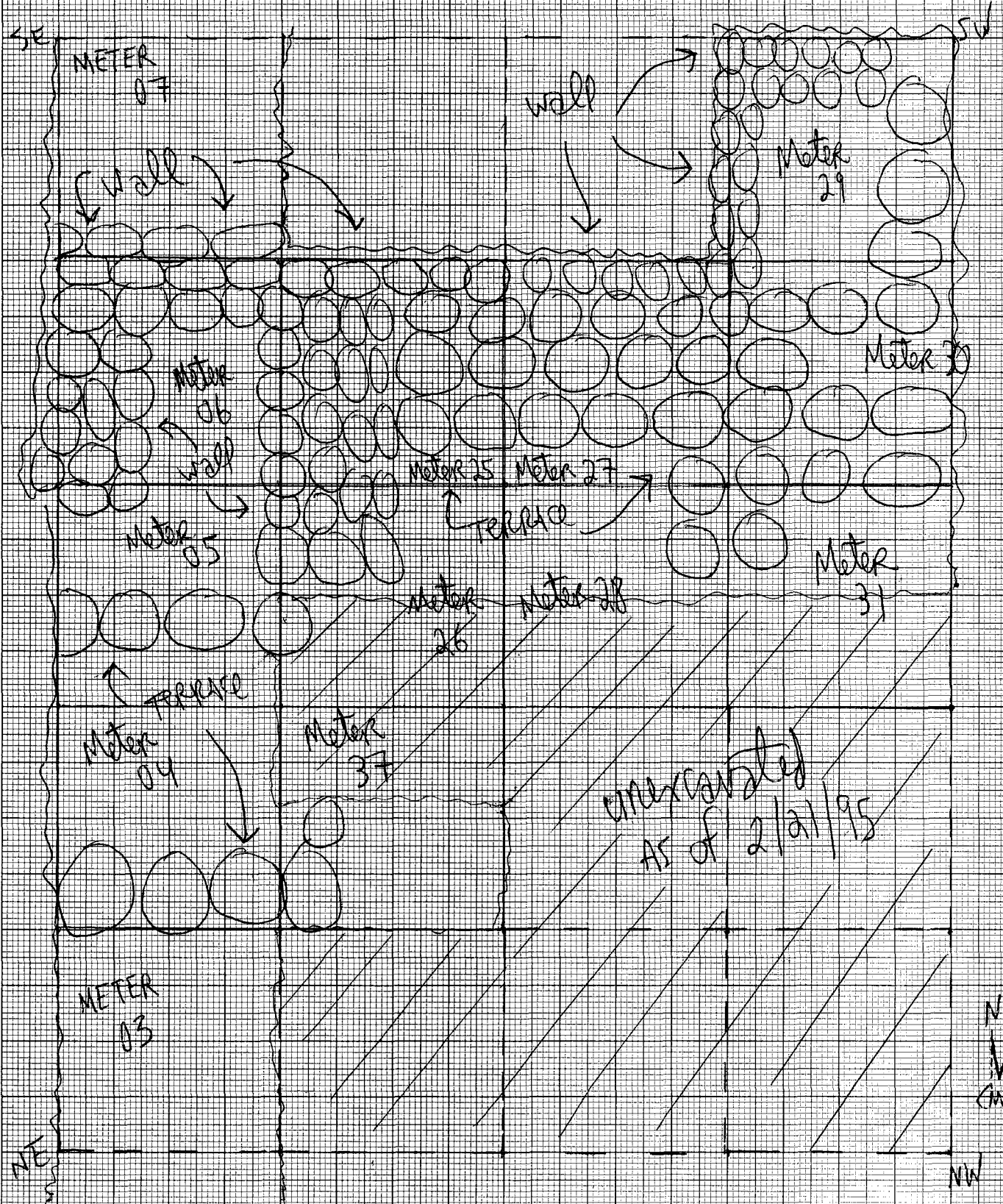
Today, will set up trench extensions and begin in 14F-Meters 7, 8, & 9 - trying to follow terraces and stairway. On the north end, will excavate in 37, 36, then 35, 34, then 33, 32 - to expose all architecture & hopefully find a corner of the structure/platform(s). All depths are uncertain at this point, but will be recorded as I go. All lots will correspond to one meter each - depending on architecture, etc.

[Map of general architecture in north area of mound drawn]
P95-78-52.

Lots begun: 70 (Meter 36)
71 (Meter 35)
14F-06 (Meter 14F/07)

Op 14
Subop E
lots 23, 27, 29, 62, 63, 64, 65, 66, 67, 68, 69
METERS 4, 5, 6, 25-31, 37

General Architecture uncovered AS of 2/21/95



46 1510

K+E 10 X 10 TO THE CENTIMETER 18 X 25 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.

2-22-95

[Forced out of play yesterday at 11:30am - game called
on account of rain.]

Continuing excavations in Meter 34 lot (72) & 35 (lot 71)
on North end of mound; and in South end of mound, Meter
14F-007, lot 06.

(On 2/17/95^(?) found ceramics & human teeth while sweeping
up in Meter 17 (lot 50). Today - bagged / tagged.)

Lot 14E-71 finished yielding a wide variety of objects -
ceramics (in rather high abundance), bayareque, obsidian,
human bone (skull material - probably from Meter 6/lot 29),
red ochre, and some examples of building material including
light gray & ~~dark~~ black (w/ gray inclusions) chert - found
being used as wall stones. Architecture is slowly
uncovering the rest of the terrace seen in Meters 4 & 5.
Moving up to Lot 72 - Meter 34.

Lot 14F-06 finished - yielding a high abundance of large,
thick (JICARO) potsherds - still in "Middle Zone." Also discovered
obsidian, bayareque, and a leg/foot of a metate (light
gray-vesicular basalt). Lot 14F-07 begun in Meter 08 -
going "up" the mound looking for architecture.

Have discovered another skull - no body seen so far -
at the base of the terrace; "Yox Halach" in Meter 03
(#77) April is helping excavate and I'm considering charging
admission! [14E-20] (see P95-78-55)

119
P95-78-54 of
2-22-95 (cont'd)

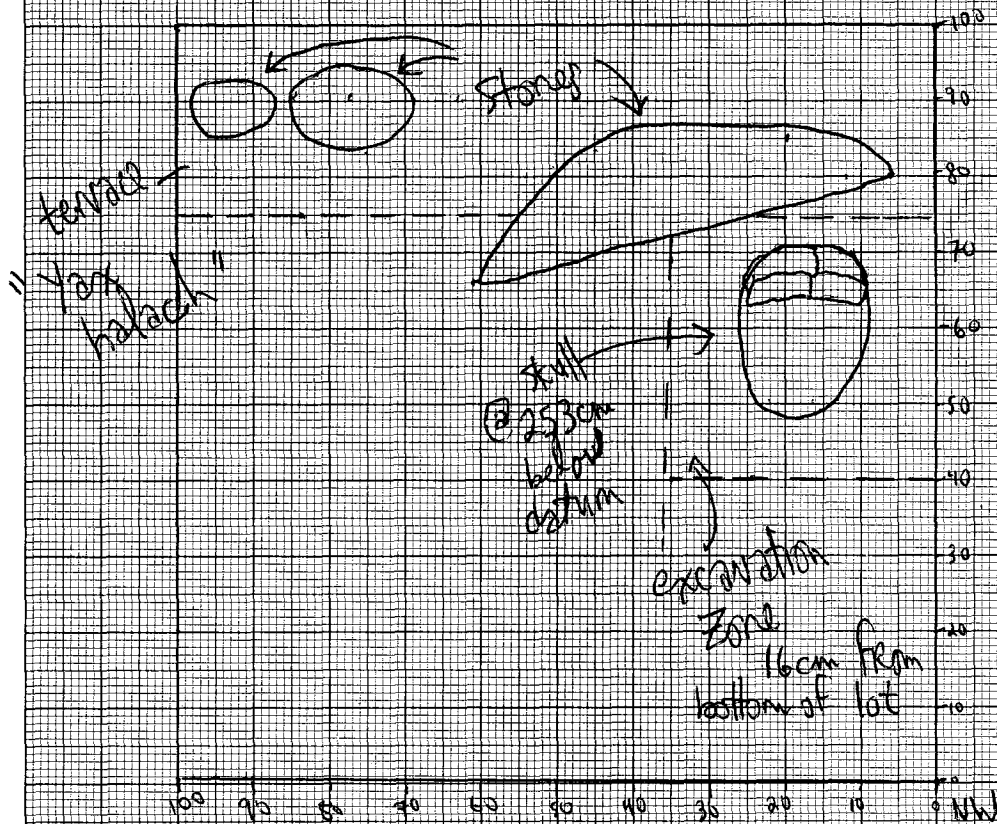
Finished lot 14E-72 in Meter 34. Yielded
ceramics, biface, & obsidian. Continuing on with
lot 14E-73 in Meter 33. Down as necessary. Still working on
lot 14F-87 in Meter 88 (South).

Taking skull out [@ ~253 cm below datum - ~75 cm below
surface] (see P95-78-55 & MAP P95-78-02). No associated
artifacts other than some small potsherds - nothing apparently
unusual - except - this skull lies on the exact same
axis as those found in Meter 86 (lot 29) - this skull some
270 cm to the north.

0014
 subop E
 lot 20
 METER 03

119
 P95-78-55 of
 2-22-95 (cont)

3rd Zone of skeletal remains Encountered (METER 03, lot 20)



46 1510

K&E 10 X 10 TO THE CENTIMETER 18 X 25 CM.
 KEUFFEL & ESSER CO. MADE IN U.S.A.

P95-78-56 at 11
2-23-95

Continuing excavation in North area - lot 74 - Meter 32 begun. Continuing excavation in South area - lot 08 (14F) in Meter 09 (14F) begun - going down as needed. Terrible preservation in 14F area - trying to find/define architecture.

Extensions to 14F - Meters 1-18

14E →

24	← 14F →		
23	1	7	13
22	2	8	14
21	3	9	15
20	4	10	16
19	5	11	17
18	6	12	18
17	Balk wall		

(As of today, excavations have been conducted in Meters 1-3, and 7-8.)

Found that elusive terrace (~~those~~ elusive terraces) in 14F - meters 1, 2, 3, 7, 8, 9! The first "terrace" - in line with step "E6," comes out at the end of 2 beginning of 8.

Closing out lots 3, 4, 5, 6 & 7 in 14F - sufficient architecture found (see P95-78-57).

Closing out lots 69, 70, 71, 72, & 73 enough architecture uncovered.

Finishing 14E-74 in Meter 32 & 14F-08 in Meter 09.

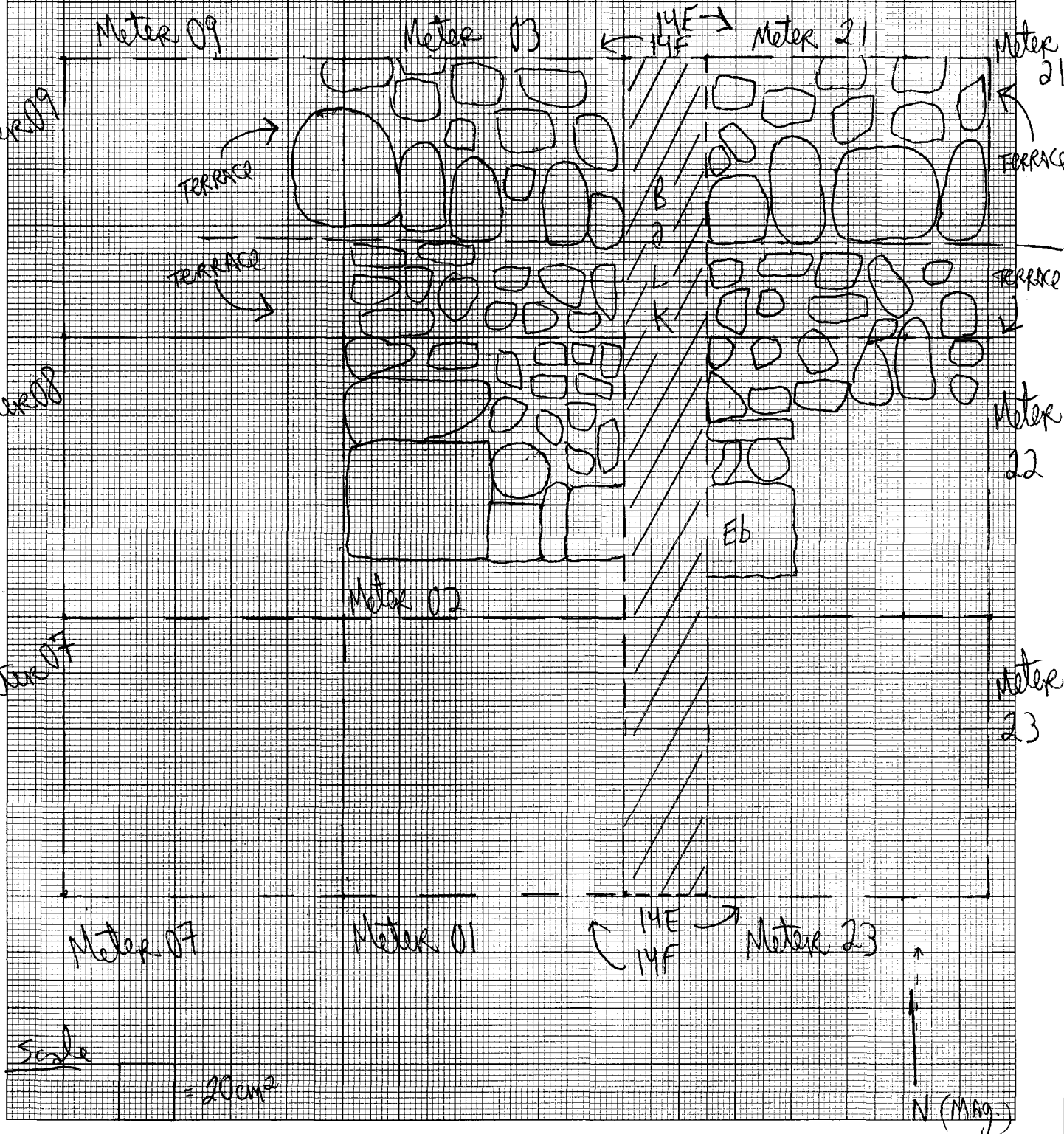
P95-78-57 of 11
2-23-95
(contd)

OP 14
Subop F
lots 1-8
METERS 1-3, 7-9

ARCHITECTURE IN SUB-OP F (OP 14) AS OF 2/23/95
(TERRACES #1 & #2 AS SEEN IN 14E METERS 24-22)

46 1510

10 X 10 TO THE CENTIMETER 18 X 25 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.

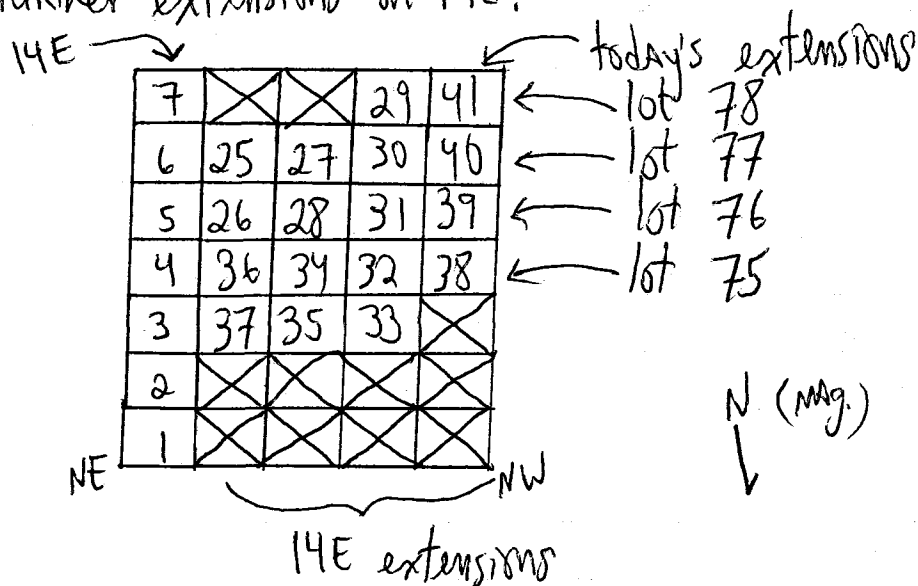


P95-78-58 of 11
2-23-95 (cont'd)

Carbon Sample (#3) Found in 14F-Ø8 (Meter Ø9)
@ ~ 57cm below surface (~240 cm below datum) on North
wall of lot 1 Meter ~ 45cm from the NW corner. Below tumble
and found with a relatively high abundance of potsherds and
two chert cores (one exhausted, one unused).

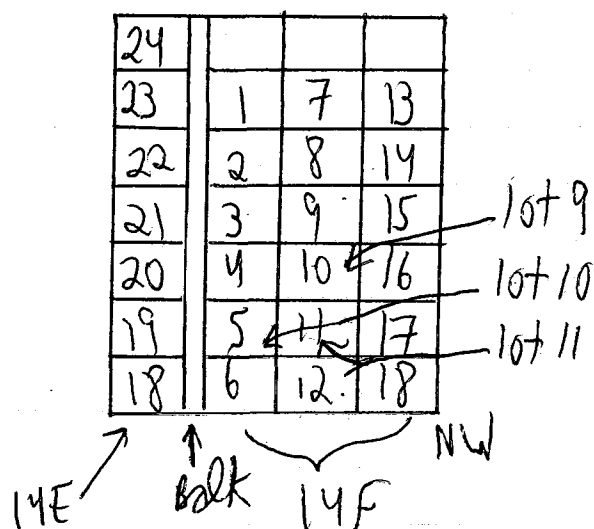
P95-~~78~~59 of 119
2-24-95

Made further extensions on 14E:



Beginning lot 75 in Meter 38 (see above) - going down as needed. Also beginning lots 76, 77, 78 in Meters 39, 40, & 41 (respectively). Looking for a corner.

In the south end of the mound, beginning lot 09 in Meter 10. (see below)



Beginning lots 9, 10, & 11 in Meters 10, ~~11~~⁵, & ~~12~~¹¹ (respectively). Looking for a corner - going down as needed.

P95-78 40 of
2-24-95
(cont'd)

Finished lot 75 (Meter 38), yielding ceramics and bajareque [ceramic yield is unusually high - but yet not quite as high as the meters to the south on the edge of the mound (ie 14E24, 14F-1, 7)].

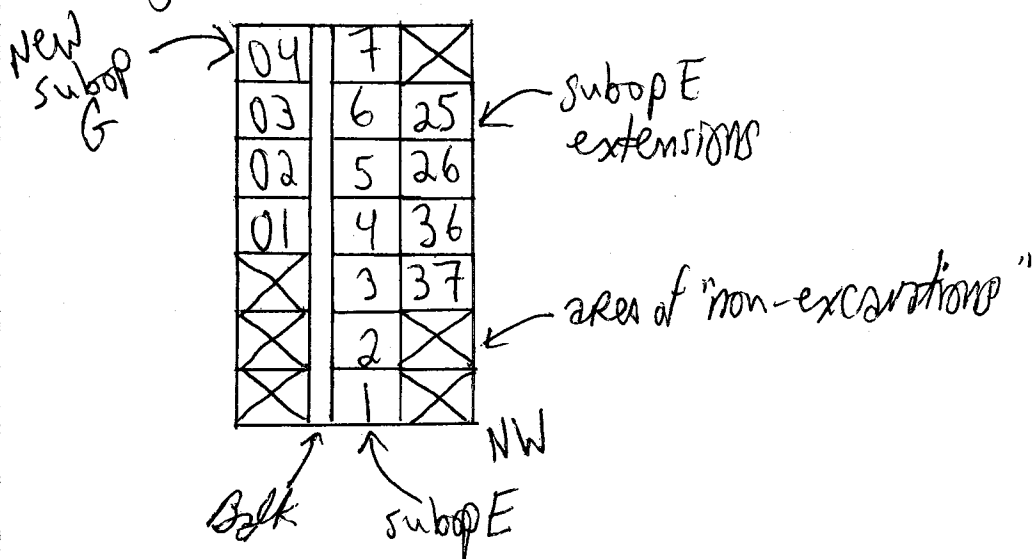
Began lot 76 (Meter 39).

Finished lot 88 (meter 09 in 14F) - yielding ceramics, obsidian, bajareque, and groundstone. Second set of bags (one yesterday) - due to mixup with lot numbers and meters.

Just received 2 more workers (now numbering six). Having them move backdirt in front of mound to make way for new excavations - a new subop (G).

Began 14F-09 in Meter 10 (of subop F). Going down as needed - defining architecture.

Starting New subop - G:



Beginning in Meter 01 - lot 01 - taking down as necessary - following architecture.

119
p95-78-61 of
2-24-95

Finished lot 76 - Meter 39 - yielded ceramics, BAJA Regue, (cont'd)
and an obsidian flake (and some tumble). Also revisited
corner to terrace "YAX Halach." Moving up (5) to Begin
lot ~~76~~ 77 - Meter 40 to follow edge.

Starting new lot in Meter 85 of 14G:

8	4		7	X
7	3		6	25
6	2		5	26
5	1		4	36

not
excavated

14G Balk 14E
 wall
 ~30cm wide

New lot - 82 - to give workers more room to excavate
than a tiny, old 1x1 M². Keeping artifacts and elevations
separate.

p95-78-62
2-27-95

Continuing excavations in 14G-01, 02 to the east of the original axial trench (14E-01-24). Coming down on the terrace/architecture as expected at the levels expected - nothing unusual (using Santiago's workers today for these excavations).

Finishing up 14E-77 (an extension of the original trench) to the west/north. Following architecture as expected - nothing unusual. Beginning lot 78 in Meter 41 (refer to notes p95-78-59) - this may conclude excavations on this north side of the axial trench. Plan to go south/EAST of trench next (across from 14F excavations).

Continuing excavations in 14F excavation area with lot 09, Meter 10 - following architecture as usual.
[Finished lot 05 (Meter 04) (of 14F) on Friday - ran into feature found in 14E-18, & 19]

Finished lot 14E-77 yielding ceramics, chert, obsidian, faunal remains, and bryozoan. Begun lot 78 in Meter 41.
mineral (chalk)

About 10 pieces of obsidian (distal, medial, & proximal segments with no apparent ref. to) discovered @ ~207cm below datum in SE corner of lot 77, Meter 40. May encounter more...? Core (microcore) - also found in same place.

Mapping Profile with Ed all day! & lost some workers to Santiago!

Finished lot 78-Meter 418 (14E)-yielding ceramics, chert, obsidian, & bajareque. Obsidian found is part of obsidian concentrations found in Meter 40 (lot 77) (see P95-78-62). [See P95-78-64 For Plan/Map].

Finished lot 89 in Meter 10 (14F)-yielding ceramics, obsidian, shell, and bajareque. More architecture uncovered....

Beginning lot 10, Meter 85 (14F) to look for features found in Meters 18 & 19 (14E).

Finished section with Ed. Finished lots 77 & 78. Finished Lot 89.

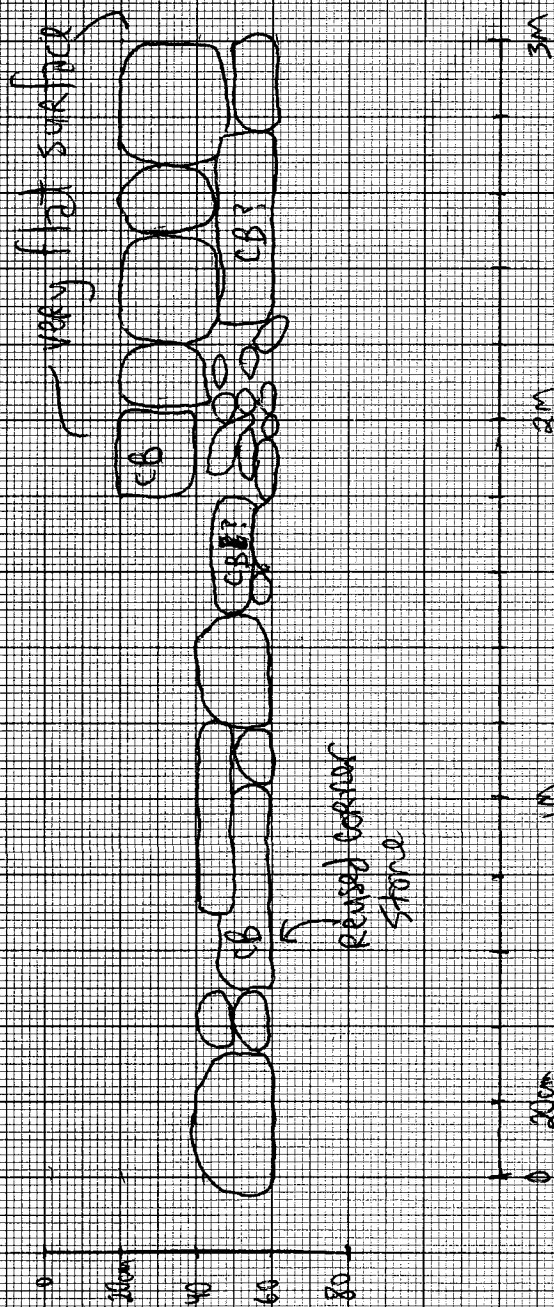
Working on Lot 14G-01, 02 & 14F-10.

op
sub
top
meters 29-33, 38-41

P95-78-64 of
2-28-95 119

Profile of terraces "Yax Halach," "U Yokel Te' B'akal," and
ARCHITECTURE IN METERS 29, 30, 40, & 41 (19F)

[strong line the East edge (~10cm) of Meters 39-41]
[but for the most part, lie in Meters 29-31]



(M 39/31)

(M 40/30)

(M 41/29)

(for locations of Meters, refer to
P95-78-59 on 2-24-95)

scale = 20cm

p95-78-65 of
2-28-95
(cont'd)

Continuing 14G-01, 02. Continuing 14F-10.

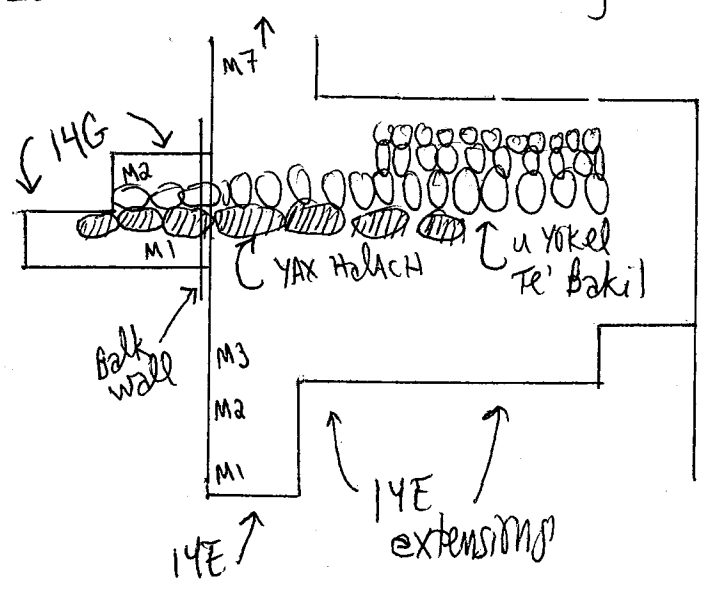
Finished 14G-01 - yielding ceramics, bajareque, & obsidian.
Found terrace YAX Halach and the continuation of the one above it - now named, "U Yokel Te' Bakil" (see below for extent).
Finished 14G-02 - yielding ceramics, obsidian, and bajareque.
Also found the corner of the aforementioned terrace (more in detail, later in Plan).

Beginning lot 03 in Meter 02 (14G) - down as necessary (to about 2 m?).

Finished lot 14F-10 (Meter 05) for now - keeping it open for further excavation later - once more around it is opened.

Beginning lot 14F-11 (Meter 11). Going down to meet level in Meter 10; following wall.

YAX Halach (renamed)
& U Yokel Te' Bakil ("Dancing Place of the Bones")



Lot 14F-11 Finished yielding ceramics, obsidian,
& faunal remains - followed architecture.

119
P95-78-66 of
2-28-94
(cont'd)

Back in lot 14F-10 (Meter 05) going down more.

Finished 14G-03 in Meter 02 yielded ceramics,
obsidian, bone, and "architecture" as expected - continuation
of YAX Halach u Yokel Te' Bakil and Katin BAK.

Discovered a full (seemingly) burial - apparently flexed,
rather tightly @ ~ ~~30-40~~⁵⁰⁻⁶⁰ cm below surface in lot 10
(14F) - meter 05 - inside the "room." Buried it - going to excavate
it tomorrow.

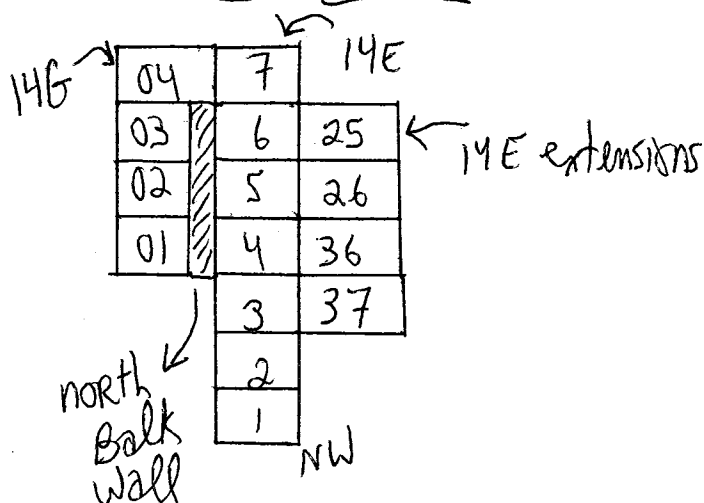
Workers taking down Balke between 14E and 14F and
between 14E and 14G - all artifacts bagged and
labeled as such. (Soil profile done!)

119
P95-7867 of
3-1-95

Continuing to break down balks today. Beginning excavation in the burial (lot 14F-10, Meter 05).

Finished north balk wall (see below) and begun lot 14G-04 in Meter 06 - down to architecture.

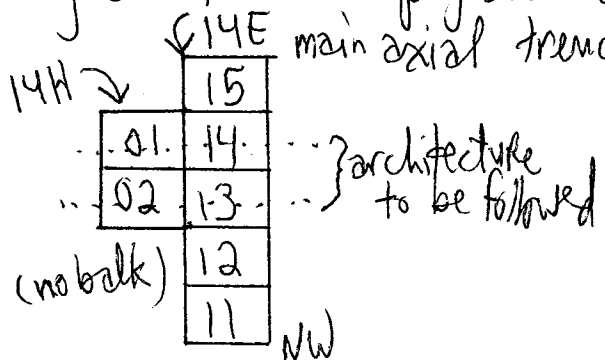
North Balk Wall Location



taken down 2-28-95 to 3-1-95

Still taking down south balk wall.

Begun new Sub-op 14H! Lots 14H-01, AND 14H-02 (see below) following architecture - going down as needed.



P95-78-68 of 119
3-1-95 (contd)

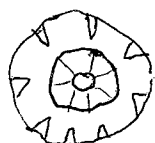
Finished lot 14G-04 (Meter 06) and beginning lot 14G-05 in Meter 03 up slope. Following architecture, particularly, "K'atin BAK" and "Kann Muk"

Discovered a possible cache in 14H-01 at about 170-180 cm below datum (see map 04 & P95-78-69). 1 plate, frags of 1 jar, 2 obsidian blades (segments) and a soil sample with burned / discolored earth (with carbon flecks) taken. [MAYBE just trash - its sort of shallow!]

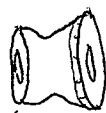
Finished south balk wall - taken out - followed architecture; yielded ceramics, obsidian, a gorgon ear spool / flare, and bejareque (see below)

EAR spool recovered from
south balk wall

[actual size]



(front view)



(side view)

(dark black in color)

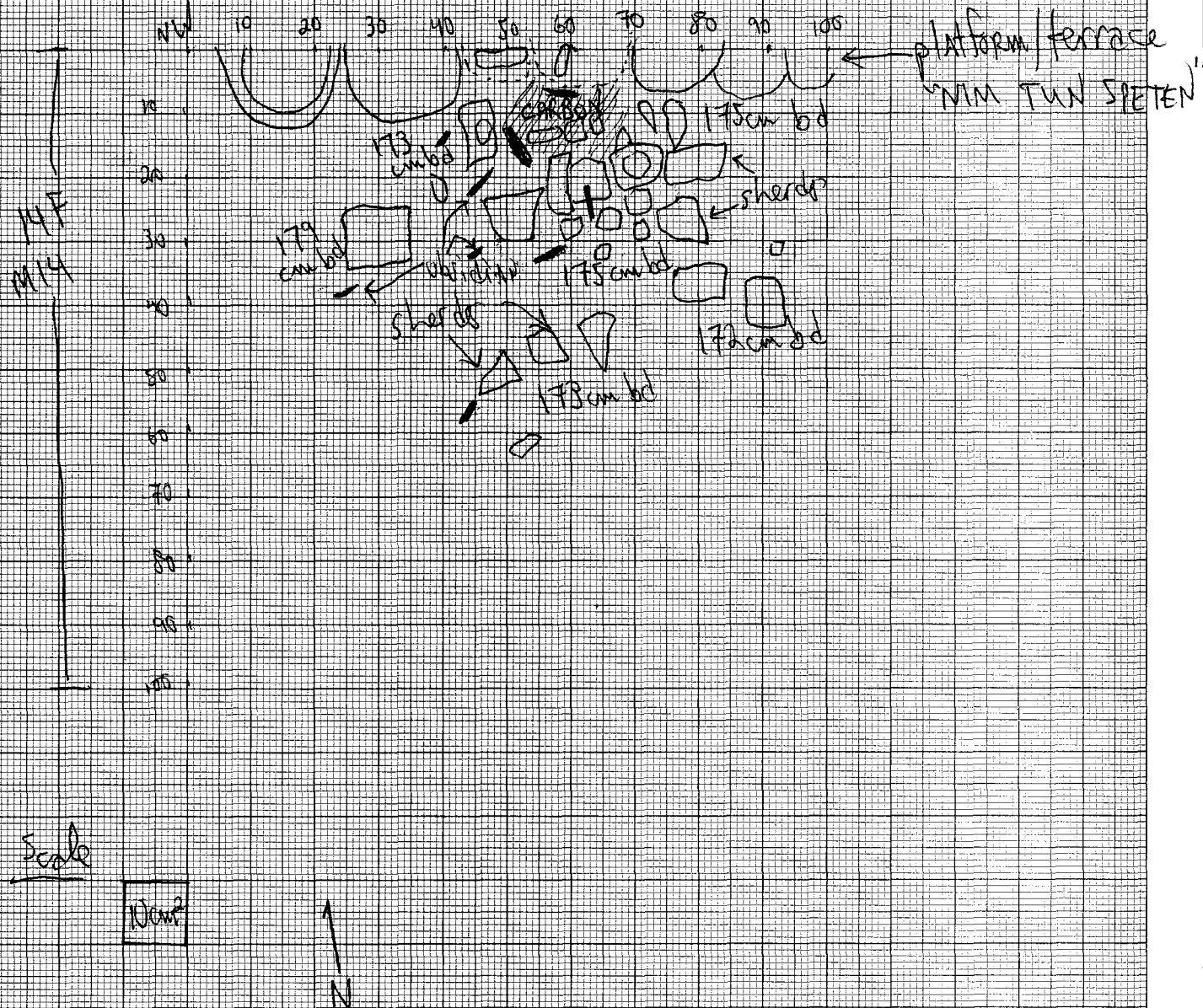
These are found pretty commonly here it seems, but the large number discovered in this mound suggests something unique (see those found in 14G-01, 02).

[VERY HOT Today!]

Continuing excavations in: lot 05 - of 14G - Meter 03
lot 01 - of 14H - Meter 01
lot 10 - of 14F - Meter 05

OP 14
SUBOP 01
LOT 03
METER 01

Special deposit - ~~1401~~ - renamed - new OT (see pgs 78-79)
1403



P95-78-70^f₁₁₉
3-2-95

Finished excavations in lot 14G-05 (Meter 03) and begun 14G-06 (Meter 07) - upslope/side - slope of mound - going down as needed - following architecture.

Postponing excavations in 14H-01, 02 - due to a lack of workers.

Continuing excavations in lot 14F-10 (Meter 05) - removing remaining balk etc. Continuing excavations of burial - but it seems to be partly in the next unit up.

NAMED terrace: "NIM TUN SPETEN" (yesterday) (see P95-78-69 for location).

Just received 2 workers more - continuing with excavations in 14H-01, then 02 in Meters 01, and 02 respectively.

(Giving the special deposit area a new lot # (in 14H-01) to 14H-03 - from ~170cm to floor.)

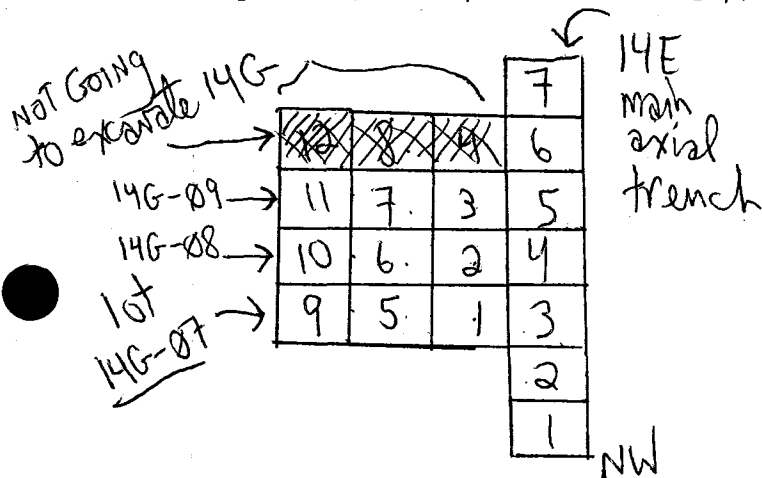
note changes to plan on P95-78-69 & Map P95-78-04

Finished excavations in 14H-03 yielding ceramics (some burned), obsidian - in large amounts (some 15-20 pieces), and biface?

Beginning 14H-02 in Meter 02, just upslope. Following architecture - going down as needed.

Finished lot 14F-10 (meter 05) yielding ceramics, bajareque, obsidian, and part of a burial (human bones).
Began lot 14F-12 (Meter 06) - going down as needed to uncover rest of burial and architecture.

Finished 14G-06 (Meter 07) yielding ceramics and bajareque - and architecture. Opening 14G-07 (Meter 09) to expose more architecture - and hopefully find the NE corner of the main structure (see below)



Location of new lots
in 14G

Finished lot 14H-02 (meter 02) - yielding ceramics, obsidian, bajareque. Began lot 14H-04 (meter 03) - 1 meter² east of Meter 02. Following terraces "NIM Tun speten" on bottom, and "Bacab" on top.

Named more features; "Hb Tun Nal" - wall branching south from Feature LAKAM Tunob in 14E Extension meter 27. "XAMAN Tunob" - small "wall" 3 stones high on the south wall of 14E's meter 29, extending east off of Hb Tun Nal. Wall above terrace NIM TUN SPE TEN in 14E's meter 13/12 is "BACAB." First terrace off of Eb in the south of the trench is "YAX speten." Next terrace/patio up from YAX speten is "NIM speten." Walls/room on top of NIM speten is "Muk Nal."

Finished 14G-07 in Meter 09 yielding ceramics &
bezareque and the corner (E) of the structure!

P95-78-72 of 119
3-2-95 (cont'd)

Beginning 14G-08 in Meter 10 - going down - following architecture.

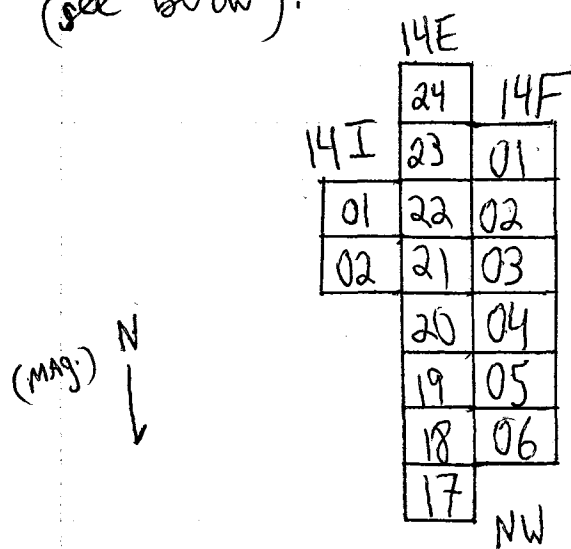
P95-78-73 of
3-6-95 119

Continuing excavations in 14F-12 (Meter 06) inside "room."

Continuing excavations in 14G-08 (Meter 10) going down on terrace - corner "YAX Halach."

Continuing excavations in 14H-04 (Meter 03) following terrace "NIM TUN SPETEN."

Beginning new subop - I, starting 14I-01 in Meter 01 (see below).



14I will follow terraces "NIM SPETEN" and "YAX SPETEN" to level in 14E and 14F.

Finished 14F-12 (M 6) & moved on to 14F-13 in Meter 12. Excavating burial. Lot yielded ceramic, obsidian, bryarque, shell, and a burnished bone and fragment(?).

Finished 14G-08 (M 10) & begun 14G-09 in Meter 11. Following corner of terrace. Lot yielded ceramic and obsidian.

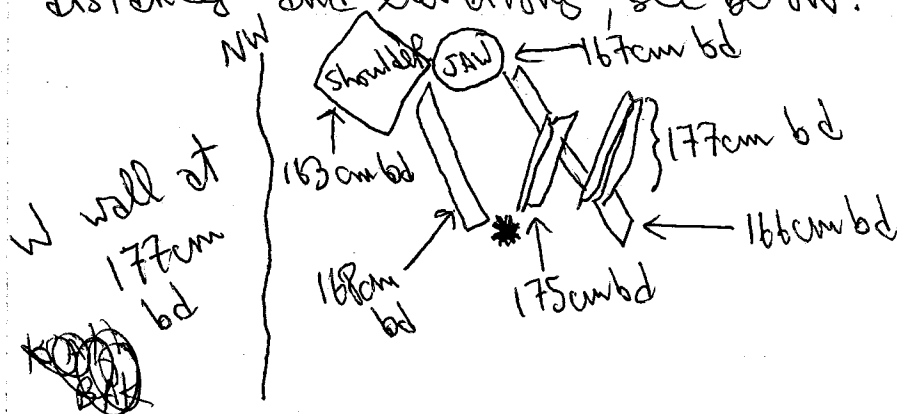
Finished 14H-04 (M 03) & begun 14H-05 in Meter 04. Following architecture. Lot yielded ceramic, obsidian & bryarque.

P95-78-74 of
3-6-95 (cont'd)

Finished excavation of burial in 14F-~~12~~13
(see P95-78-75). Continuing with rest of 14F-~~12~~13 - to
the wall.

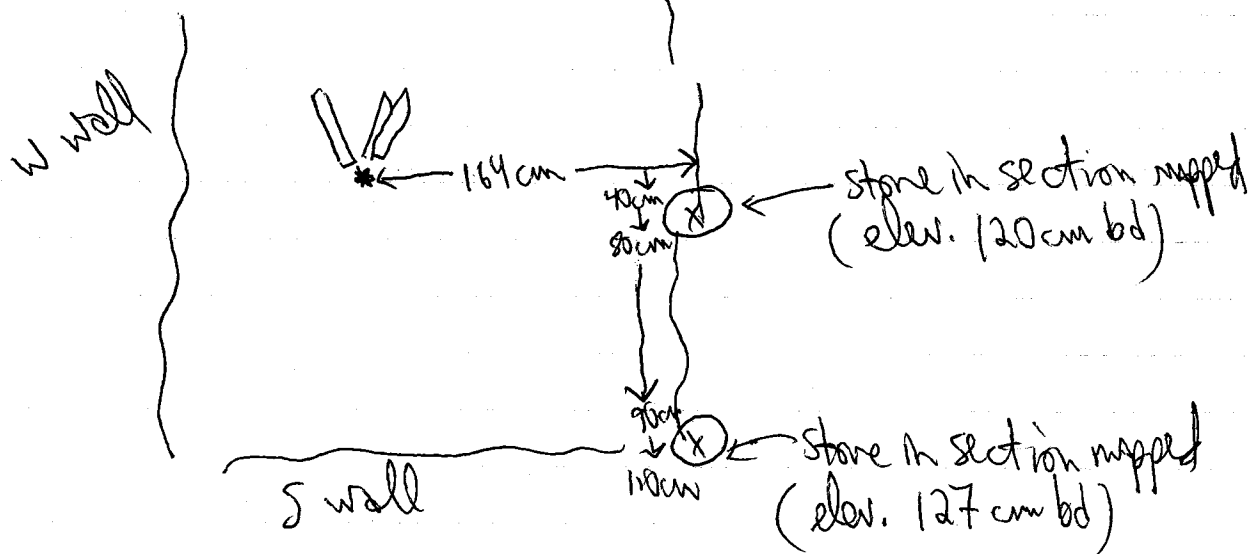
Finished 14I-01 in Meter 01 - yielding large amounts of
ceramics, bone, and obsidian. May have located corner of
1st terrace "Yah speten." Beginning 14I-02 in Meter 2
just NORTH, following "Nim speten" terrace.

For map/plan of burial, see P95-78-75. For specific
distances and elevations, see below.



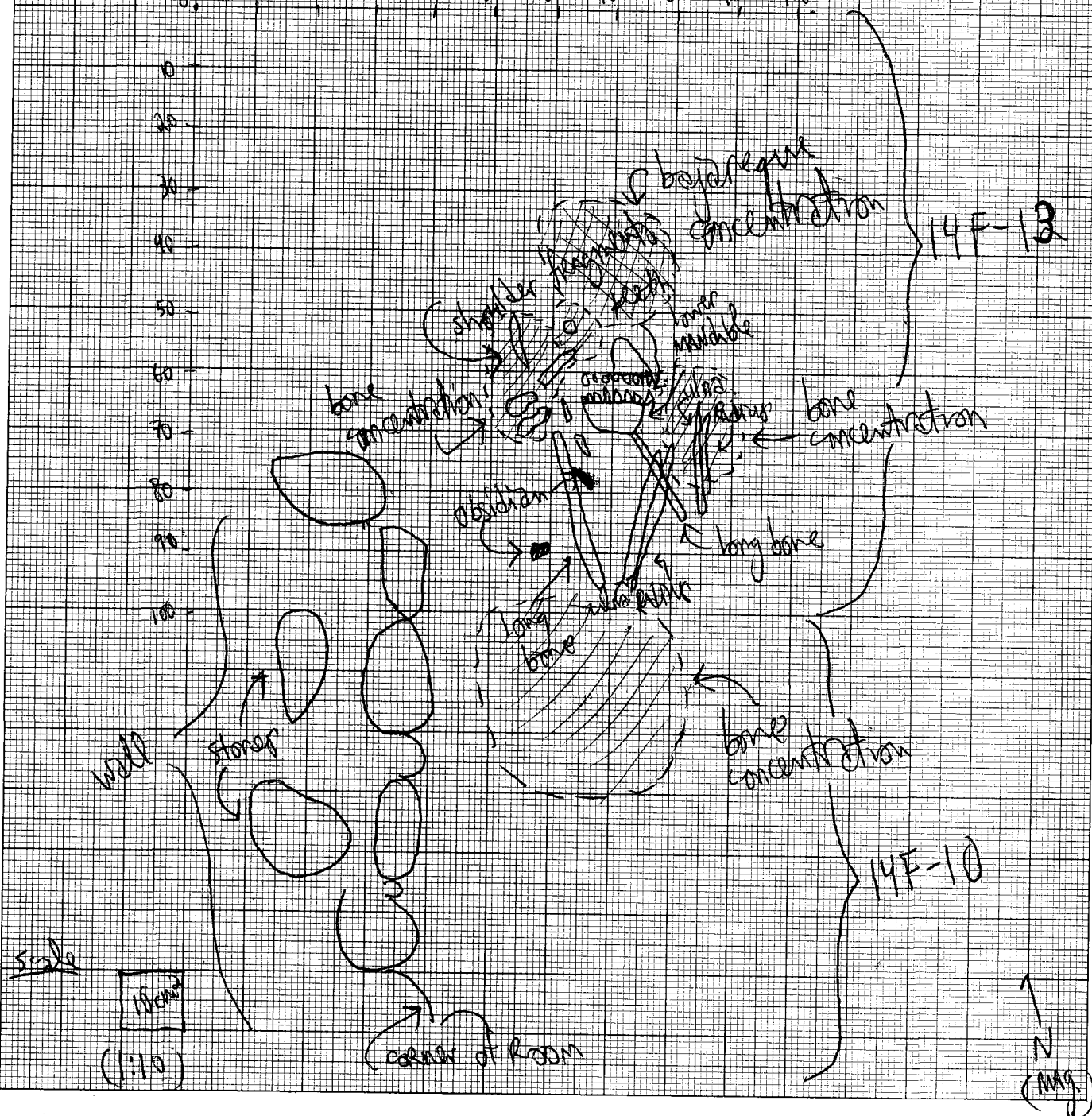
S wall at 166cm bd

from elbow (* in drawing above) to West wall, 40cm.
from elbow to South wall, 93cm.



P95-78-75 of 110
63-695 (ent'd)

$\frac{1}{2}$ 0 10 20 30 40 50 60 70 80 90 100



P95-78-76 of
3-795

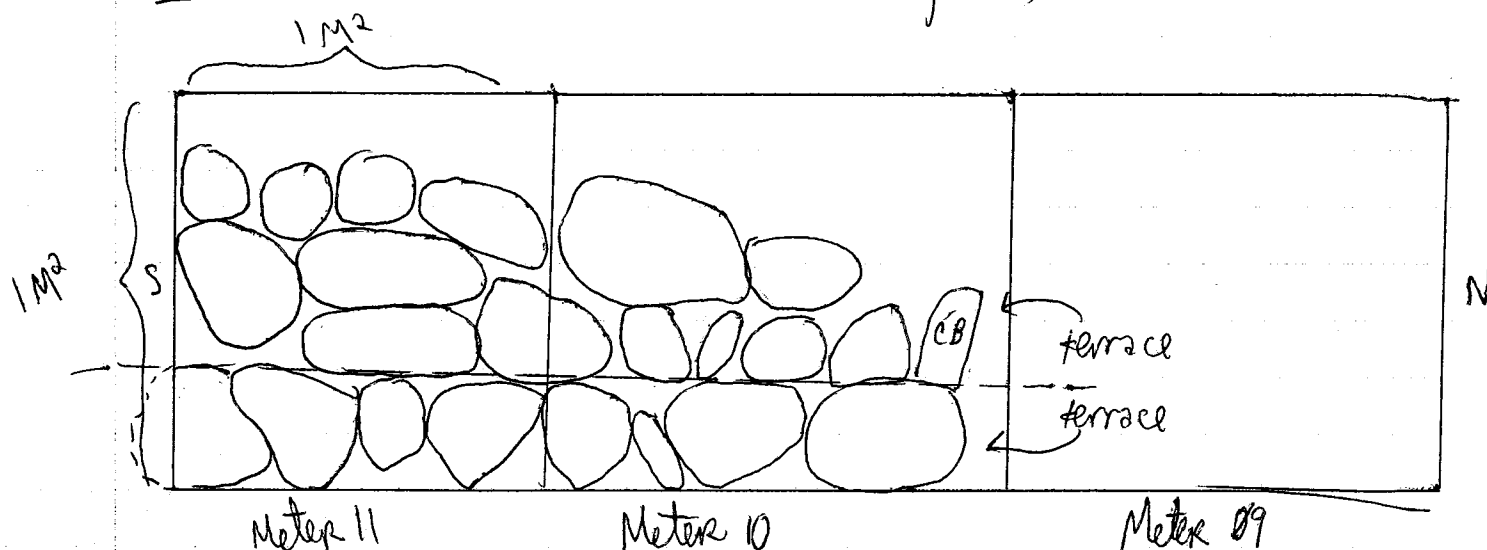
Continuing excavations in: 14F-¹³~~12~~ (M12)
 14G-09 (M11)
 14H-05 (M04)
 14I-02 (02)

following architecture, as yesterday - going down as needed.

Finished with 14F-¹³~~12~~ (M12) in "Room" at south of mound on adjoining mound. Ceramics found and west wall "sort of" discerned. Beginning 14F-~~12~~¹⁴ in Meter ~~12~~¹², $\frac{1}{2}$ M² West ~~of Meter 12~~.

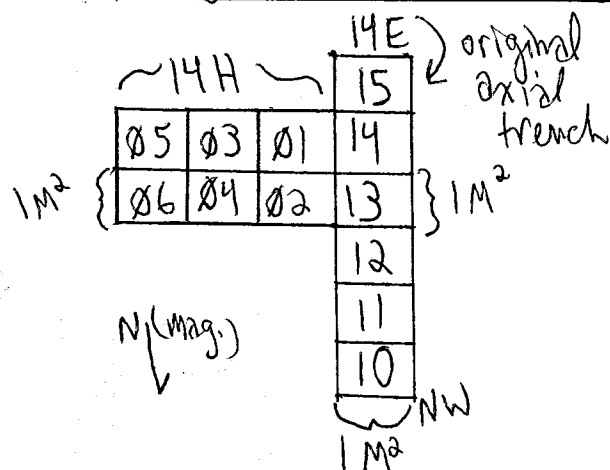
Finished with 14G-09 (M11). Yielded an abundance of obsidian, ceramics, and some large reque-profile (E looking W) of 14G - Meters 9, 10, & 11 is below. Beginning/continuing with 14H-05 (Meter 04) with these workers - hope to find corner soon of "Nim Tun Sreten".

"Profile" of 14G, Meters 9-11 (east looking west)

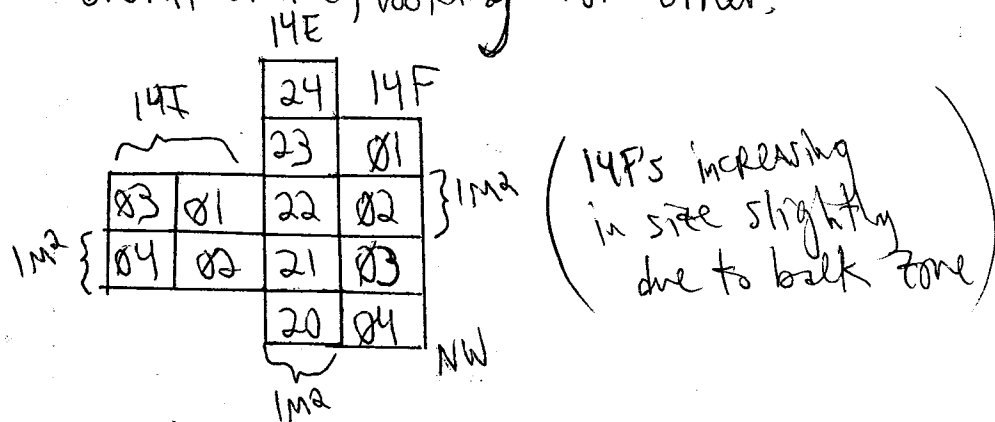


14H-05 completed - yielding ceramics - possible corner of terrace. Moving on to 14H-06 in Meter 05 (see next page for location).

Location of new Meters in 14H



Finished 14I-02 (Meter 2) yielding large amounts of bājareque, very few ceramics, and a cross-wall on "Nimfupeten." Beginning 14I-03 (Meter 03; see below) to follow architecture, looking for corner.

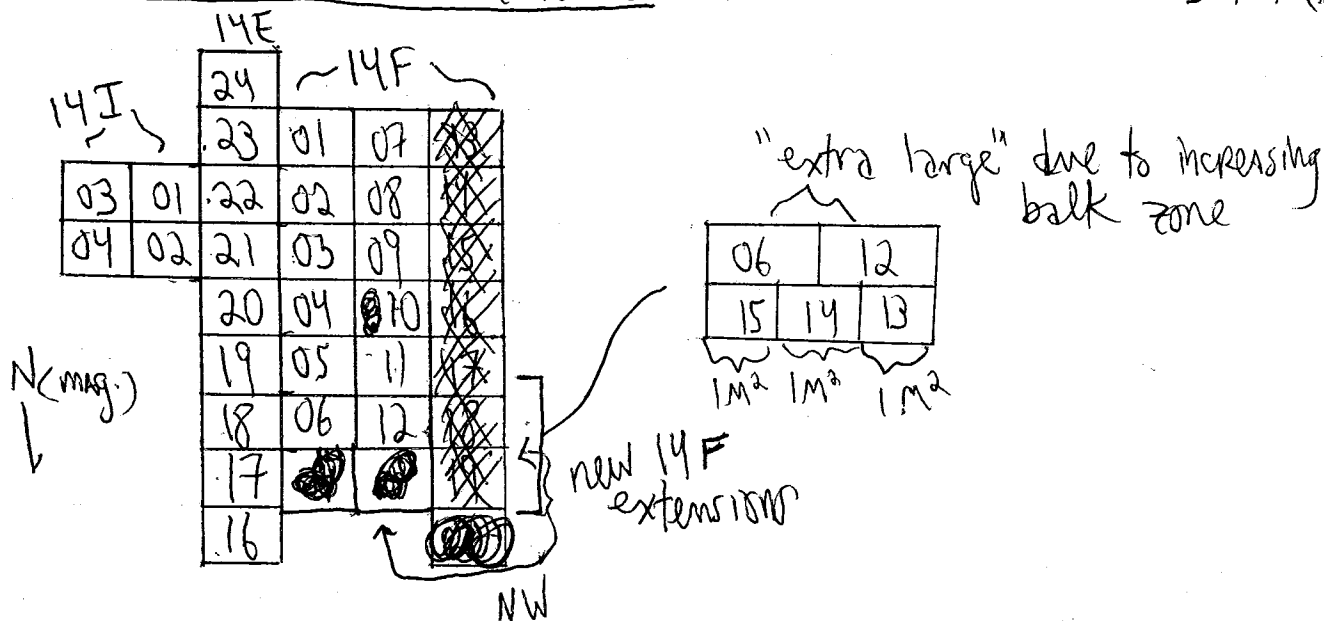


Finished 14H-06 in Meter 5 - beginning 14H-07 in Meter 06. 14H-06 yielded ceramics and bājareque - and a possible corner to terrace "Nimfupeten." Further excavations in this area should help to clarify.

Finished 14F-~~01~~¹⁴ (Meter ~~01~~¹²) - yielded a very large amount of ceramics - suggesting a midden area. Also yielded some bājareque and some faunal remains. Beginning 14F-~~01~~¹⁵ (Meter ~~01~~¹³) (see next page for location).

Location of "new" 14F extensions

119
P95-78-78 of
3-7-95 (cont)



Finished 14I-03 in Meter 03 - yielding a large amount of ceramics and some mineral (chalk/talc) was collected. Found a cross-wall on second terrace ("nimspeten") and possibly its corner - along with YAX speten's corner. More excavation in Meter 04 is needed. Beginning new lot - 14I-04 in Meter 04 - following architecture, going down as needed.

P95-78-79 of
3-8-95

[NOTE: The copies of these notes do not reflect changes made to the original notes - the original notes should be referred to for questions]

A mixup with numbering left the following changes in notes, lot cards, and artifact bags: 14F-13 is changed to 14F-14, 14F-12 is changed to 14F-13, 14F-11 is changed to 14F-11 → these changes have already been made - except in the carbon copies of the notes

Continuing excavations with 14F-15 (Meter ~~13~~¹³) - following outer wall "muk NAB" - going down as necessary.

Continuing excavations with 14H-87 (Meter 86) following corner of "nim tun speten" around side of structure - going down as necessary. Yesterday this lot yielded a "perfect" obsidian blade - slightly concave, very narrow, about 10.5cm long - held up to the light - no flaws - nice blade!

Continuing with 14I-84 (Meter 84) at far south end of structure - following corner of "XAS speten" and "nim speten" with cross-wall. Going down as necessary.

Found a corner in 14H-87! From the east wall of the original axial trench (14E), the terrace "nim^{tun} speten" is ~290cm long. "BACAB" the terrace just above, is ~180cm from 14E's east wall. "nim^{tun} speten" is ~63cm wide, and "BACAB" is ~63cm wide. Where "BACAB" ends, "nim^{tun} speten" widens by the 63cm+ - more excavation is needed to see exactly by how much. "BACAB" starts at 15cm below ~~surface~~ ground surface and ends @ ~70cm - where "nim^{tun} speten" starts. "Floor" - where "nim^{tun} speten" ends, is ~110cm below ground surface.

Found a corner in 14F-15! Length of "Nim speten" is ~475cm long. "Yax Speten" is ~93cm long. "Nim speten" is ~81cm deep - then meets "Muk Nal" at 180cm from its ~~SW~~ corner, then grows to 117cm tall. "Muk Nal" is the walls of a room constructed on top of "Nim speten", it is ~305cm long and ~48cm wide. [All measurements taken looking W to E at this side of the structure].

Finished 14I-Ø4 - yielding ceramics, byzantine, & obsidian in small amounts. Began 14I-Ø5 in Meter ØØ (see below) - following "new architecture" - going down as necessary.

SE	Ø5	Ø3	Ø1	22	Ø2
N (mag.)	Ø6	Ø4	Ø2	21	Ø3
	14I		14E		14F

Finished 14H-Ø7 yielding ceramics, obsidian, & byzantine. Beginning 14H-Ø8 in Meter Ø7 (see below) follow "Nim TUN speten" around the corner, North.

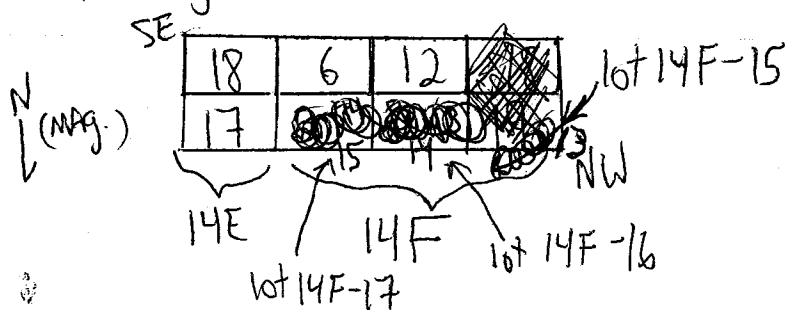
Ø5	Ø3	Ø1	14
Ø6	Ø4	Ø2	13
Ø7			12
14H			14E

South side of structure's appearance as of today: 1st terrace, "YAX speten" is about 316cm long. Exactly 1.5 M in from each side. A step, Feature "Eb" has been placed. This step and its associated smaller cobbles jammed in to keep it steady, is about 34cm wide and protrudes out ~46cm from the terrace. At the end (E) of the terrace, a later (possibly) construction has been added on - a small, thin cobbles cross wall on the terrace - 25cm x 60cm (long) - Add a "continuation" of -

"YAX Speten" For about 43 cm. to the East. Then, two terraces are tacked on - one - only about 10cm high, the second one - on top - about 20cm high - to where they extend - only more excavation can provide. This is the purpose of 14I-05 (in Meter 05).

"YAX Speten" is 68cm "wide" until it hits "nimspeten" which rises ~30cm high. It too, runs into the crosswall to the east.

Finished 14F-15 (Meter 13) - yielding large amounts of ceramic, and some obsidian. Found corner of "muk nal." Only went down 50cm below ground surface to see extent of wall & terrace ("nimspeten"). Beginning 14F-16 in Meter 14 - going east from Meter 13.



Finished 14H-08 (in Meter 07) - yielding ceramics, bajareque, obsidian, and a groundstone mano frag. Beginning lot 14H-09 (M 08) - following possible corner.
Finished 14I-05 (Meter 05) - yielding ceramics, bajareque, obsidian, and a groundstone metate frag(s.) very worn with two stubby legs. Beginning lot 14I-06 (M 06) - following possible corner.

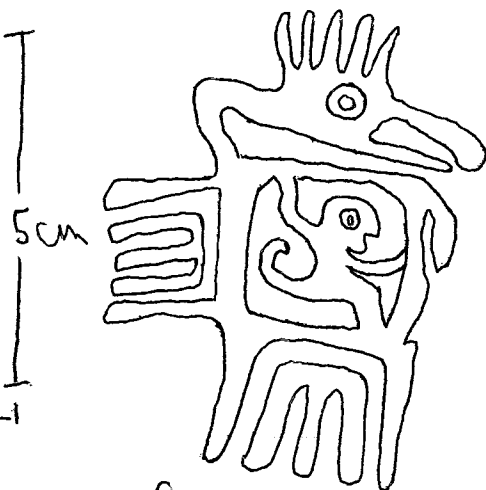
Continuing excavations in 14F-16, 14H-09, and 14I-06. 3-9-95
Following architecture, removing tumble, etc.

Stamp (whole) of a bird with a "dancing monkey" in his stomach found in 14H-09. (see below)

Rubbing of stamp
(not shown on carbon)
(copy of notes)



4cm



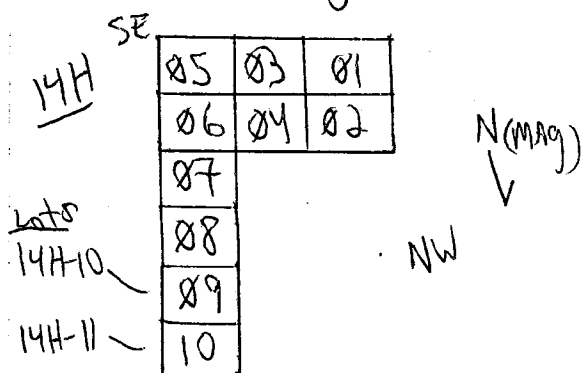
Finished 14I-06 (M06) - continuing with following terraces.
This lot yielded ceramics, obsidian, bajareque^{bone}, and a mineral
(chalk/talc) was collected at the insistence of the workers.
Beginning lot 14I-07 in Meter 07 - 1 meter² EAST of Meter
05 (see below)

14I }	07	05	03	01	} 1M ²
	08	06	04	02	
	1M ²				NW

More "cleaning" in Meters 14F-^{10, 11, 12}~~07, 08, 09~~ led to discovery of
a "new wall" series. "Nim speten" extends a full 3.52 M
then seems to turn a corner (to the east). It extends back
~41cm then hits "Muk Nal" which is actually, a few stones deep.
"Muk Nal" is now thought to be ~40cm tall. However, "Muk
Nal" mysteriously disappears when "Nim speten" ends (to the
north). Artifacts found while cleaning are ceramics (including
a censer foot), obsidian, and bajareques. Bagged as "14F-~~07, 08, 09~~"
-10-11-12

P95-78-83
3-9-95 (cont'd)

Finished with 14H-89 - yielded ceramics (including gorgeous stamp), obsidian, and bajareque. Still unclear about tumble and architecture. More excavation needed. Next lot 14H-10 will be in meter 89 - just 1 M² north of meter 88 & only one meter away from the 14G excavations.



Finished 14I-87.

(Have done away with "weekly summaries" - although helpful in the beginning stages of excavation, they are now simply annoying and bothersome. Short summaries are provided daily at the beginning and end of the notes for the day.)

Continuing excavations in 14F-16 (Meter 14), 14H-10 (Meter 09), 14I-07 (Meter 07) - following architecture.

Yesterday in Meters 8/9 of 14F, discovered an inset stairway into "nim speten" where it joins "Muk nal" on the ~~the~~ west side - more excavation today will reveal its extent.

Finished with 14I-07 (M 07) - yielding ceramics & obsidian. Begun 14I-08 in Meter 08 - 1 m² east of Meter 06 - hoping to come down on a corner of the two small terraces.

Named two features: The inset steps of 14F's "nim speten" are called "Tan speten" (in the middle of the platform) and the short crosswall in 14I on "YAX speten" is called "Kan Tunob" (four stones).

Finished lot 14H-10 in Meter 09 - yielding bayareque, ceramics, and obsidian. Beginning lot 14H-11 in Meter 10 (see P95-78-83 for location) - 1 m² North of Meter 09 and 1 m² South of Subop 14G excavations. This meter will connect the two subops!

Finished 14I-08 (Meter 08) yielding a wide variety of artifacts - ceramics (one, nice, thin orange ware piece w/ raised motifs; bagged separately), bayareque, obsidian (including a core rejuven. flake), shell, a cut stone block (small, volcanic), groundstone (a "small metate" fragment), bone, and mineral (possibly gypsum). Beginning 14I-09 in Meter 09 - 1 m² north of Meter 08.

Found a small obsidian projectile point in 14I-09 (Meter 09) (see below). Also found nearly an entire olla, upturned. Probably STCARO, either eroded. Found $\frac{2}{3}$ whole/in pieces and what seems to be the rest in associated potsherds. It is about ~~30~~ 30cm in diameter (inner lip - inner lip), 1cm thick, and has a black paste surrounded by a "creamy orange" paste. It's about 47cm sitting below ground surface - soil sample taken ~~(#1)~~ (#1) from the inside. I suspect it's pretty contaminated and not worth much, but I took as much precaution as possible to preserve anything useful. Very likely sitting on the edge of the terrace that passes to the east of it. The terrace is 8cm to the east and about ~~5-10~~ 5-10cm below the pot. If terrace were higher, which it probably was, then pot was probably on it. I don't particularly associate this with the trash I've been finding to the south of the mound - it's not the right context; Not too many associated sherds (maybe 30 or so in this lot). Going to excavate terrace and leave the pot in place to map. See p95-78-86 for map/plan.

Finished 14H-11 yielding ceramics, obsidian, & byproducts. Still no clear picture of architecture yet. Starting ~~lot~~ lot 14H-12 in Meter 11 (see below).

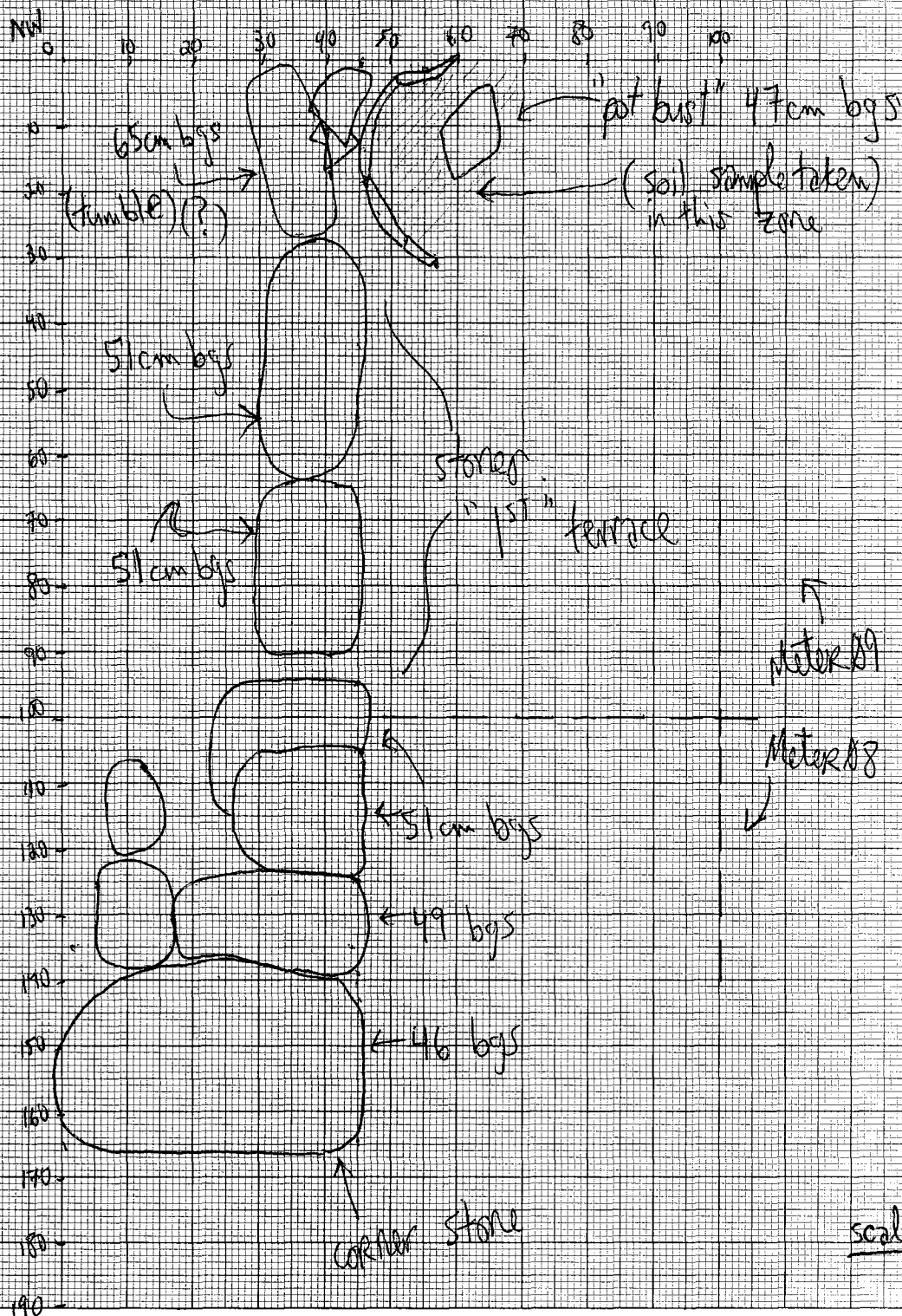
14H			SW corner
05	03	01	
06	04	02	
07	14		- lot 14H-15
08	13		- lot 14H-14
09	12		- lot 14H-13
10	11		- lot 14H-12
			NW corner

op 14
subop I
lots 8, 8-9

119
P95-78-86 of
3-10-95 (cont'd)

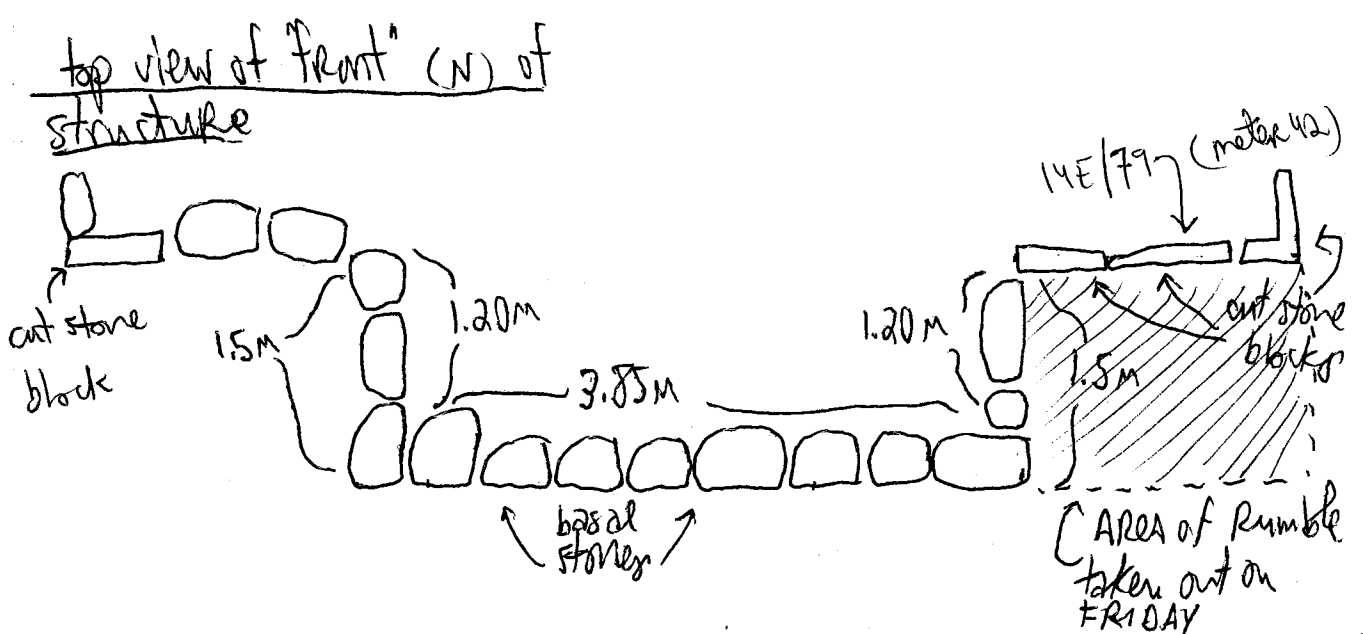
TERRACES and olla locations

(top view)



Continuing excavations in 14F-16, 14H-12, & 14I-9. 3-13-95
 In subop 14F, have discovered an 'earlier' structure beneath terraces "YAX speten" and "Nim speten" - a smaller set of terraces - most presumably earlier. In 14F-16- excavations have revealed that the "constructors" of the later edifice used this earlier terraced structure as stairs - leading to an yet unknown. More excavations (in 14F-17) today should help define the stairs' destination. In subop 14I, have found corner to the two smaller, presumably older (although now I'm not so sure - it could be the continuation of those found in subop F), terraces. Following this change-of-direction to the north to see where it goes. In subop H, have found east wall and terraces of the front structure - excavating "inward" (to the west) now that I've got a good profile to work with.

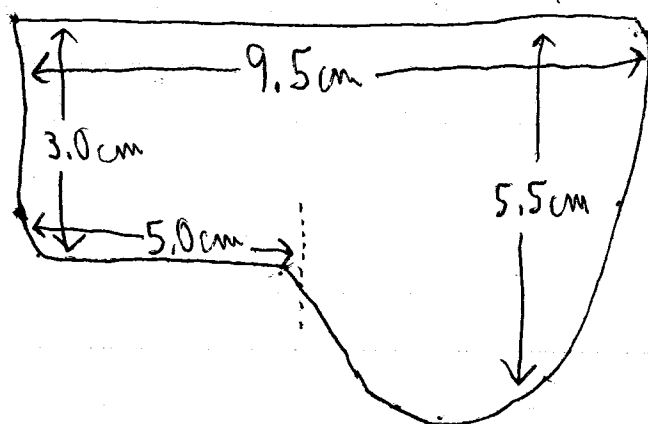
On Friday, after looking "good and hard" at the structure, I noticed an area in front, in the 14E - extensions area, of rubble / fill. After removing this area, I discovered the "Real" front of the structure - It is very symmetrical (see below)!



Finished 14F-16, revealing stairway - yielding the usual assortment of ceramics, bajareque, shell, and obsidian. Also collected a burned conglomerate stone in pieces - not bajareque, but quite unusual (to me)! Beginning 14F-17, 1 m² east of lot 14F-16 to find end of staircase. Going down as needed.

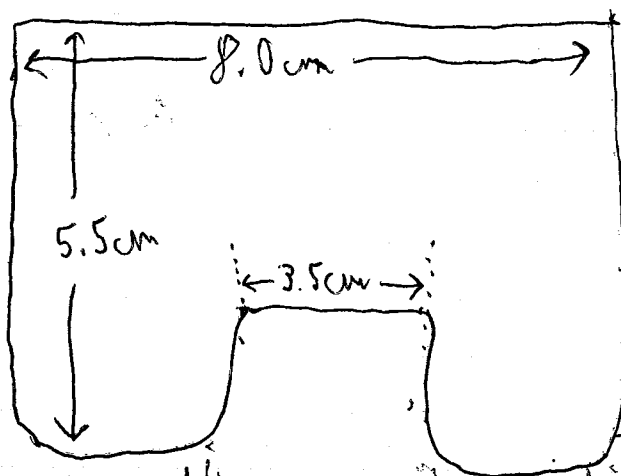
Also found in 14F-16 A miniature metate! (ground stone, vesicular basalt) (see below)

side view of "mini-metate"



(actual size)

end view of "mini-metate"



(actual size)

Finished lot 14I-09 yielding an assortment of artifacts - ceramics, obsidian, chert, bajareque, shell (two types), bone, plaster(?) and schist. Also revealed that the "platform" extends to the north. To make sure, I'm opening 1 m² unit to the west - Meter 10, lot 10.

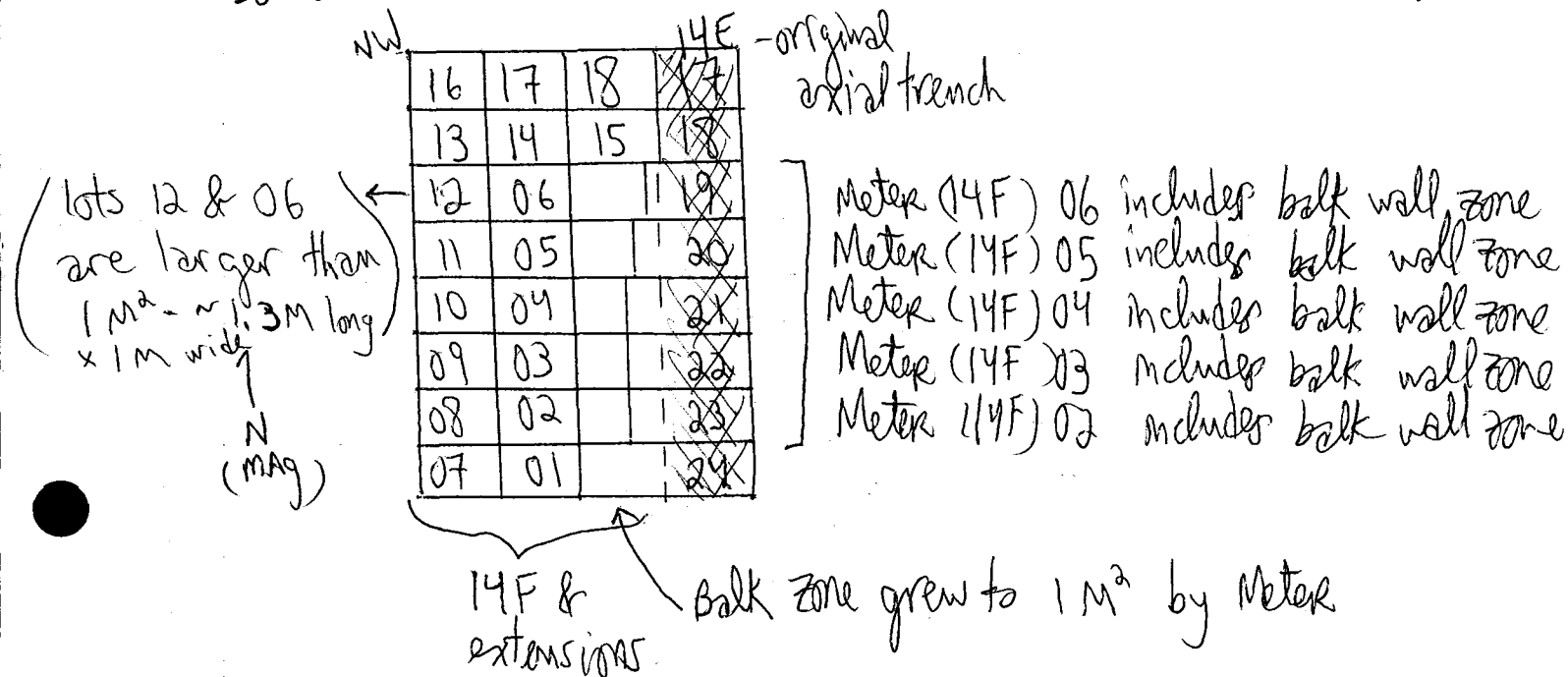
119
P95-78-89 of
3-B-95 (cont'd)
Finished 14H-12 yielding ceramics, berylline
and obsidian (in abundance - much debris, too). Following wall,
quite nicely - it stands now at about 1 M or so high.
Beginning lot 14H-13 (Meter 12) - just 1 M² south of Meter 11 -
again following architecture, going down/cutting back as needed.

[Excavated area (described on P95-78-87) in front (N) of mound
in 14E extensions complete - and bagged with separate lot card.
14E/79 - meter 42]

119
P95-78-90d

Continuing excavations in 14F-17, 14H-13, and 14I-10. 3-14-95
Very close to finishing in all areas - when done workers
may begin new subops elsewhere on this mound to chase more
architecture.

Some confusion with lots vs. Meters in 14F is now settled:



(\therefore 14F Meters 02-06 are larger (progressively) than $1M^2$)

Meter 15 = lot 14F-17

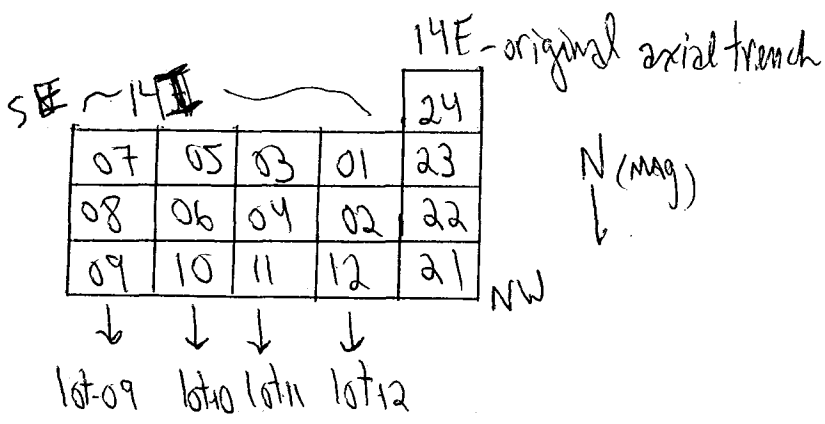
Meter 16 = lot 14F-18

Meter 17 = lot 14F-19

Meter 18 = lot 14F-20

Finished 14F-17 yielding ceramics, bajareque, obsidian, and shell, and ground stone (large mano Alsg.), & more confusion and tumble than I have patience for. Begun lot 14F-18 in Meter 16 - following architecture, going down as needed (initially, 60cm below ground surface).

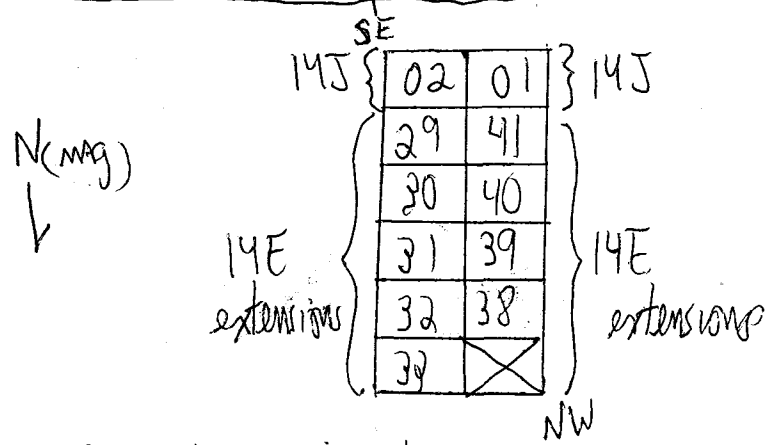
Finished 14I-10 (M10) - yielding ceramics, bajareque, obsidian, & chalk/talc. Beginning 14I-11 (M11) - $1M^2$ N of Meter 06. (see next page)



Finished lot 14H-13 (M 12) yielding ceramics, obsidian, byzantine, and bone (faunal). Following wall - very nicely constructed & preserved. Beginning 14H-14 (M 13) - 1 m² S of Meter 12, 1 m² E of Meter 8. following wall, etc.

Bored with the workers' slow pace and almost nil progress, I'm opening a m² unit of my own - new subop J. New lot 14J-01 in, of course, meter 01!

Location of new subop and lot

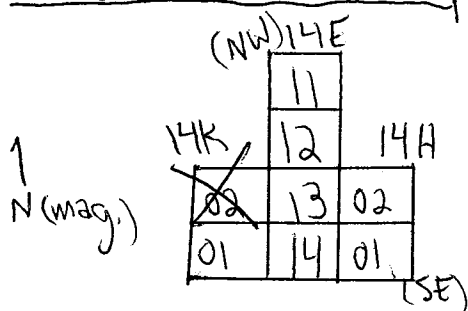


~~Finished 14H-14 yielding ceramics, obsidian, byzantine, chalk/talc, a "stone hemisphere" (!), and a large mano frag. (vesicular basalt). Beginning 14H-15 in Meter 14 1 m² ~~at~~ of Meter 13. 1 m² N of meter 15 (the last m² to be excavated in this subop).~~

Finished 14I-11, yielding ceramics, obsidian, byzantine, chalk/talc, a "stone hemisphere" (!), and a large mano frag. (vesicular basalt)

Continuing excavations in 14H-14, 14F-18, 14I-12, and 14J-01. Influx of workers today enables me to open a new subop! This one in back of the large mound to the west of the axial trench (14E) - following the terrace "nim tun speten" and the wall "bacobi". New subop is "K" (14K) (see below).

Location of new subop (3/15/95)



New lot - 14K-01, meters 1. All lots, following architecture, going down to levels previously established in the axial trench - trying to follow stratigraphy when necessary / able to.

Named several features yesterday:

Tok speten = 2nd (higher) terrace / wall feature in 14I

Tunob t'uk'ah = 1st terrace extending in 14I

Yax Tunob = "deconstructed" wall to original terrace height - basal "step" on "nim speten" in 14F, just below "Tan speten".

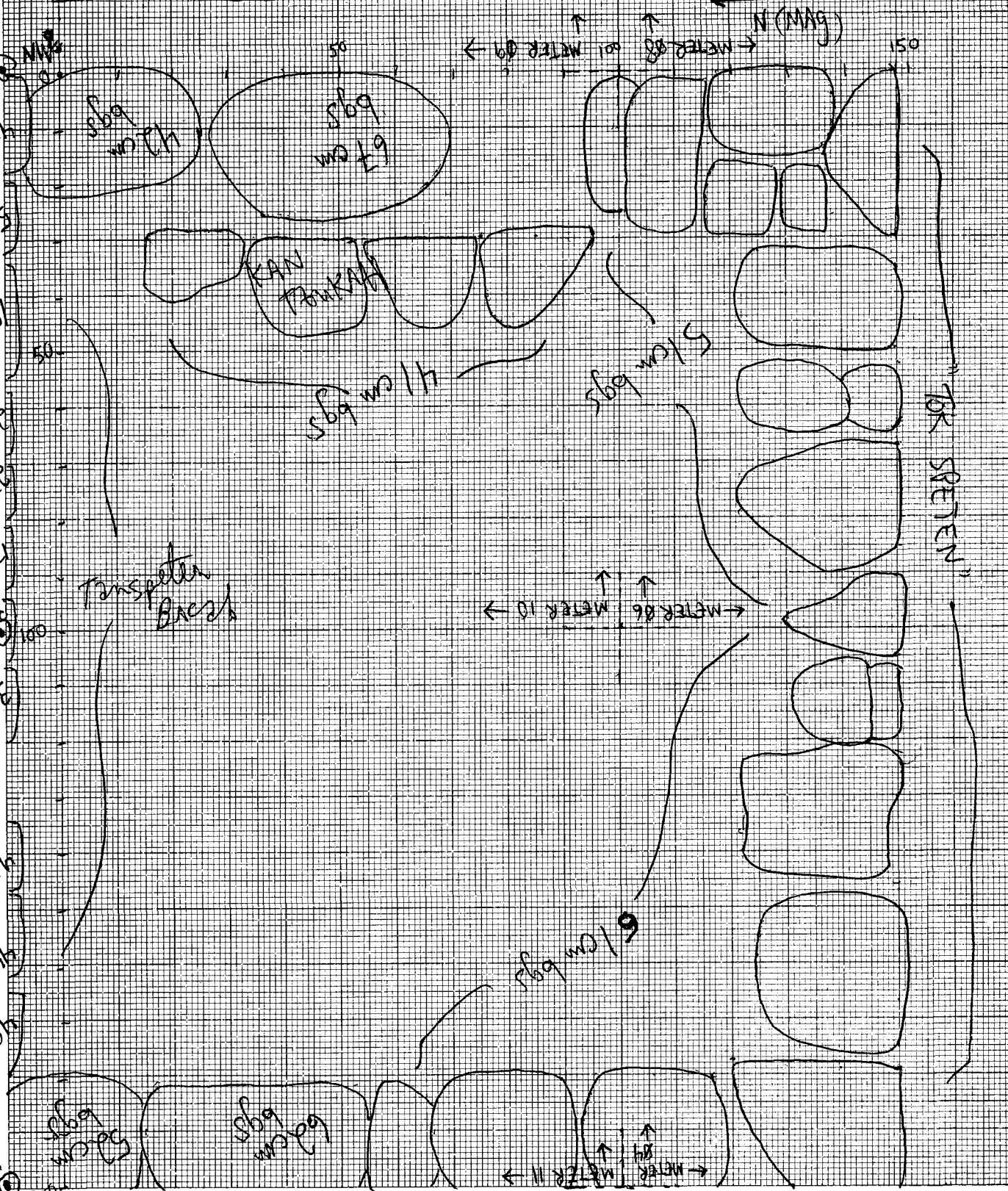
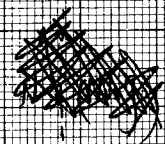
Yax Ekob = "steps" from earlier construction just past "nim speten" to the north ending in to the NW corner of the "Room" with the burial.

Found artifacts while cleaning "Floor" in 14I-11, M11: ceramics, bayonet, obsidian, and a stone core with multiple removals (doesn't appear to be chert). Also discovered a "Room" in 14I excavation [see map/plan on P95-78-93].

14
 Subop J
 10 & 11
 10 & 11

Top View of "Room" uncovered
 in M.I. excavations

Scale 10m
 (1:10)



Have come upon what must be a midden in
14F excavations (now lot 18, meter 16). Example of
"artifect complex" in map/plan on P95-78-95.

Found artifacts while cleaning "Floor" level in lot 11
(14H) - meter 10: ceramics, obsidian, chert, bajareque - bagged /
labeled with 14F-11 artifacts

same for 14H-10, meter 09: ceramics, obsidian, bajareque
14H-09, Meter 08: ceramics, obsidian, bajareque

Soil sample #1 & CARBON sample #1 taken in 14F-18 beneath
large potbust in corner of unit @ ~ 34-44cm below ground surface
[see map/plan on P95-78-95].

Finished 14J-01 - following wall "Ho Tun Nal" in 14E extensions
Discovered ceramics, bajareque, obsidian, and worked schist. Beginning
14J-02 to the east, upslope (see below)

N1 (mg)

01	02
----	----

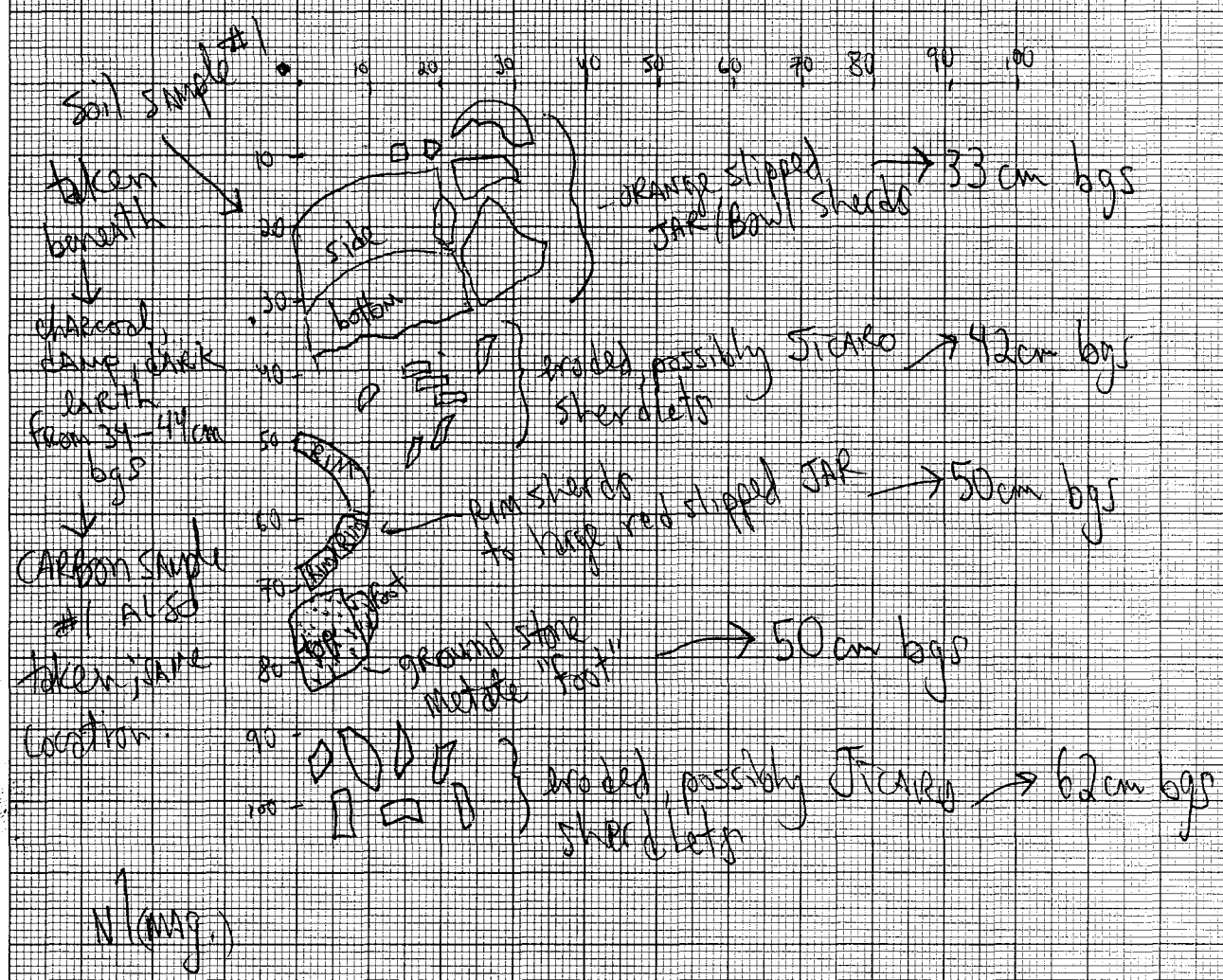
 } 1 M²
14J SE

CARBON sample (#1) found in 14I-12 (meter 12): 43cm from
south wall of meter, 43cm from west wall of meter, 43cm below
ground surface (very possibly a root, or something like that).

Potbust found in 14F-18 midden - bagged separately as "Refits"
but included in ceramic bags (now numbering 3 15x25cm bags -
filled!) JAR is red slipped, highly polished(?), and with applique
decoration. ORANGEY-tan/brown paste with (small) thin core.
found @ ~ 67cm below ground surface.

sp 14
 subsp F
 lot 18
 meter 16

ARTIFACT "COMPLEX" in Midden
in 14E-18, meter 16 (top view)



Sal
 10m
 (110)

P9578-96 of 3-15-95 (cont'd)

Finished 14F-18 - midden mound with LOTS of potsherds. Begun 14F-19 - 1 m² East of Lot 18.

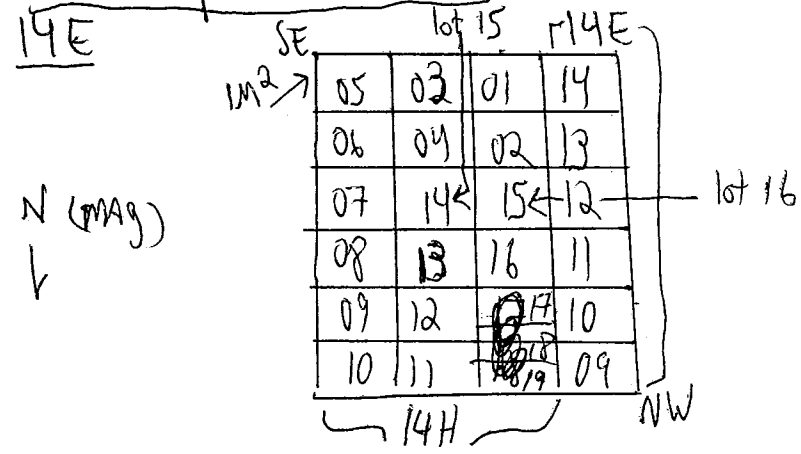
Found a very nice piece of bajareque ~40-50cm (not too sure) below surface, on top of a platform/terrace "min speten" in 14I-12 - with woven mat impressions! Could be "floor bajareque"!!!

Finished 14I-12 yielding large amounts of bajareque, some ceramics, and little obsidian. Beginning 14I-13 - 1 m² N of this lot to follow possibilities in architecture.

Finished 14J-02 yielding ceramics, bajareque, obsidian, and groundstone. Begun 14J-03 - following architecture - it's still a bit too confusing for description - another meter or 2 opened ought to do the trick!

Finished 14H-14, yielding ceramics, bajareque, obsidian, and groundstone. Full wall now exposed! Map/plan forthcoming.... For now, going to clear this half of the summit (East half). Begun 14H-15 (see below for locations) & finished w/no artifacts. Just a lot of rubble (big ones!) Begun lot 14H-16, meter 15

14H excavations with
Relationship to AXIAL TRENCH



119
P95-78 97of
3-16-95

Continuing excavations on mound summit -14H group. Continuing excavations in 14F group - still trying to make sense of what's going on! Continuing excavations in 14I group tracing edges of little "room" (see P95-78-93 for map/plan).

Suspended excavations in 14K and 14J areas - due to a shortage of workers; this makes me angry.

Restarted excavations in 14K-21 again - by myself! Upon doing so, found a "little face" pendant - very similar to the one I found in 14E-29 while excavating the "burials" - skulls? (see P95-78-46) (see below)

Front view



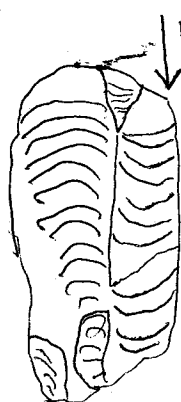
(not the best drawing, I know!)

(found @ ~92 cm below surface)

[Resembles a human skull]

In 14H-16 (M15), just uncovered a good-sized obsidian bi-polar core - removals very clearly taken from both ends - however, platforms are badly shattered and may have had platform rejuvenation flakes taken off before abandoned.

obsidian
bi-polar core



↑
Removals

Removals
(actual size)

(found @ ~46 cm below ground surface)

* This piece was accompanied by several medial blade segments, some dechet, and a platform rejuven. flake

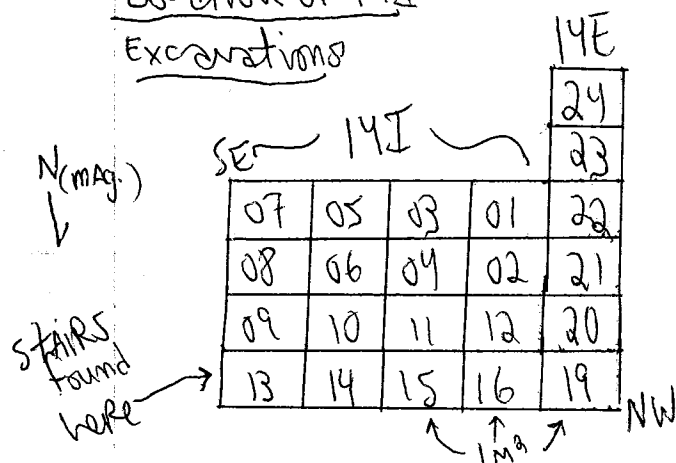
Finished 14F-19, Meter 17 yielding: ceramics, obsidian, & bajareque. No hope in ever determining what's going on architecturally! Beginning the last meter in this series, lot 14F-20, Meter 18; in hopes of finding that elusive wall.

119
P95-78-98 of
376-95 (cont'd)

Finished 14H-16, Meter 15 yielding ceramics, bajareque, and obsidian. 1st "glimpse" of the summit is confusing! More excavations will help (of course!) - opening lot 14H-17 in Meter 16 - 1 m² North of Meter 15. Going down to level defined in 14E-13 for continuity, but may go down further, later, if necessary.

Found an awesome set of steps in 14I-13 - mapped in section/ profile in P95-78-99.

Location of 14I Excavations

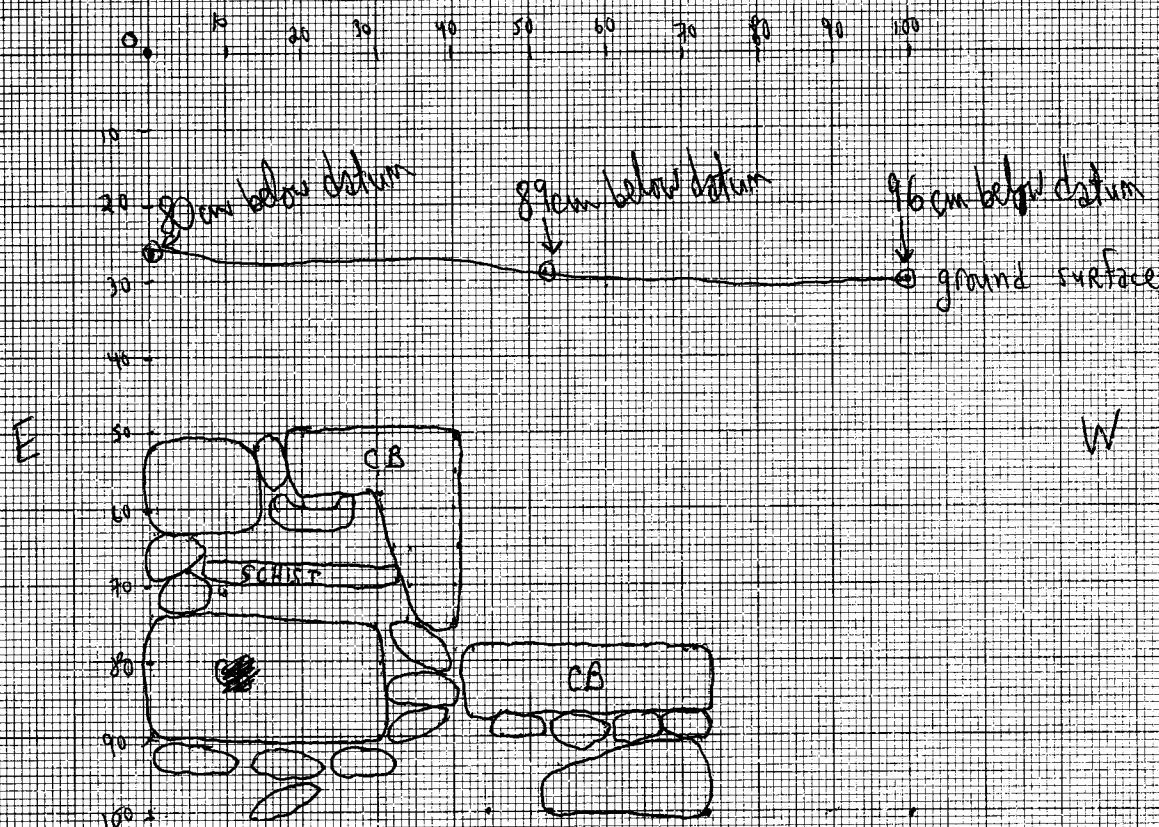


Encountered a CARBON sample (#1), at about 64 cm bgs in 14H-17, meter 16 - back/summit of large mound - clearly "inside" (not extramural) - in association with common terminal debris - ceramics, shell, obsidian.

Found human tooth in 14K-11 (if it means anything special...)

pp 14
sub I
bts 13
meter 13

SIDE PROFILE OF STEP
IN ME-13, meter 13



N (mag.)

scale

10 cm

(1:10)

P95-78-100 of

Finished 14I/13 yielding ceramics, bajareque, obsidian, 3-16-95 (cont'd)
 chert, shell, and groundstone - very "midden-like", but not
 as heavy as in other places (ie. 14F-18, 19 and by "Eb" in 14E Meter
 23/22). Beginning 14I/14 in Meter 14 - just 1m² EAST of Meter
 13.

14K/01

Finished ~~14K/01~~ in Meter ~~13~~⁸¹ yielding ceramics, large amounts
 of obsidian and chert (including core rejuv. and decort.
 flakes) - hinting at stone tool production; bajareque, and a wall!
 "Nim Tun Speten" found in 14E and chased in 14H, continues to the
 east and enough is preserved that I can estimate its original
 (or close to original) height at 74cm high - with a possible
 final stone "capping" bringing it to 89cm high - this would
 put it at about the height of "BACAB" as it sits today. [This
 "final stone capping" may be terminal debris or fill - from
 "BACAB"].

119
P95-78-101 of
3-17-95

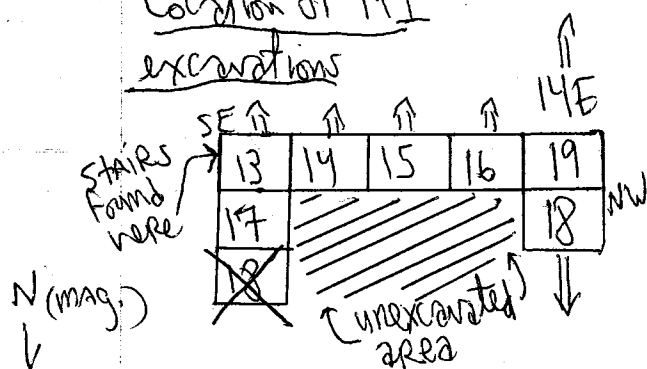
Continuing excavations in 14F-20 (Meter 18),
14H-17 (Meter 17), and 14I-14 (meter 14). No new
14K will be opened, nor a 14J excavation (NO TIME,
NO WORKERS!).

Finished 14I-~~14~~¹⁴ yielding ceramics & bajareque and the
"top terrace" to which the stairs lead. Beginning 14I-15
(meter 15) - 1 m² N of meter 11, 1 m² EAST of meter 14.

Finished 14F-20 yielding ceramics, obsidian, & shell - in rather
abundant amounts (this is an area just outside the pre-
defined "midden zone." Also defined a "wall" (or a sorry
excuse for a wall!) (see P95-78-102 for map/plan).

Beginning 14I-17 (meter 17) following steps out to the north.
[This side of the structure (facing the site core) is probably the
"Front" of the building (5).]

Location of 14I
excavations



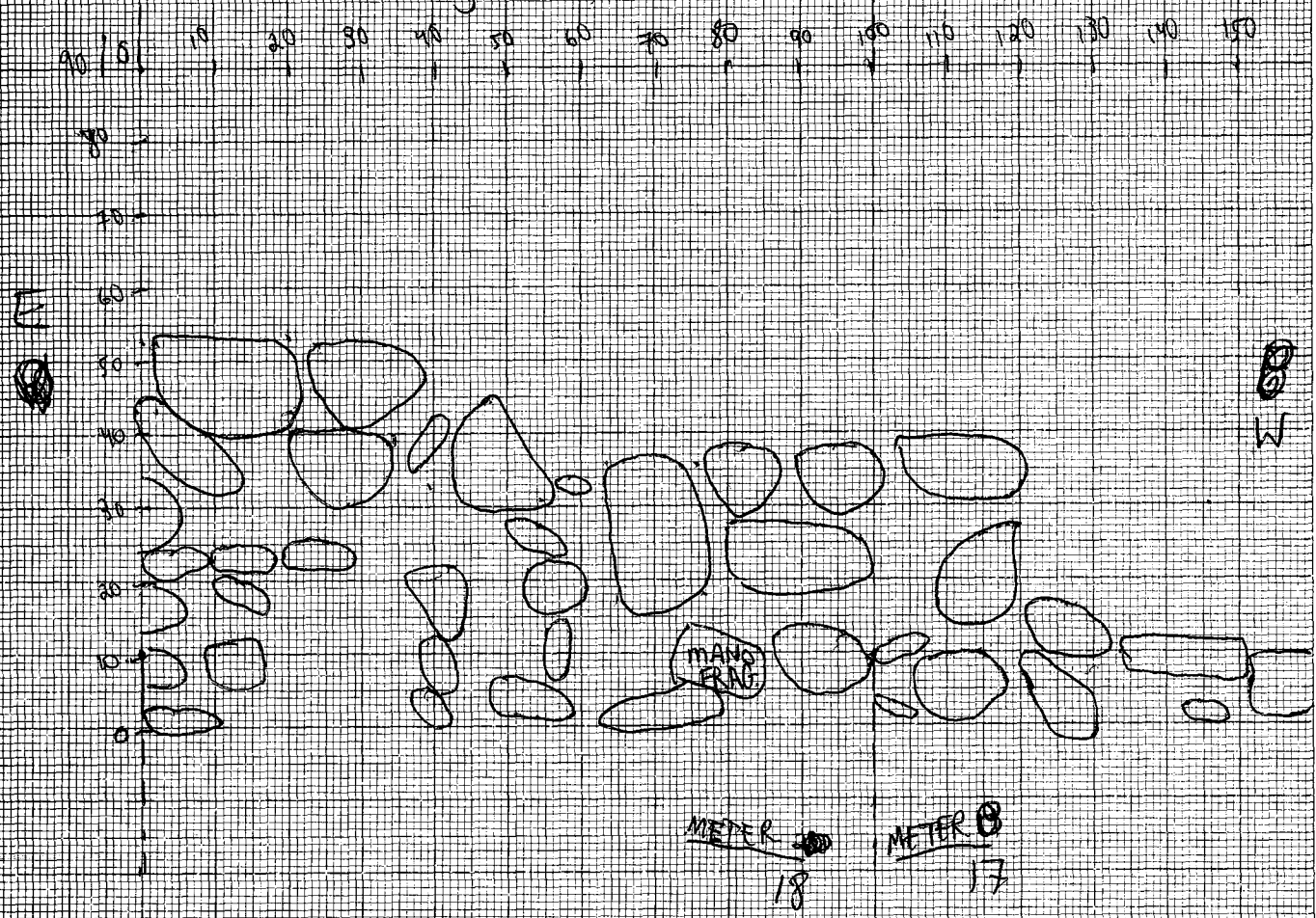
Beginning excavations on all 14H meters on the summit:
lots 14H-18 & 19 (meters 17 & 18, respectively).
Finished with 14H-17 (M 16) yielding ceramics, shell, obsidian,
bajareque.

SP 14
Subsp F
lots 19 & 20
meters 17 & 18

"Wall" in 14F-19, 20
with no external
connections (view facing south)

METER 18

METER 17

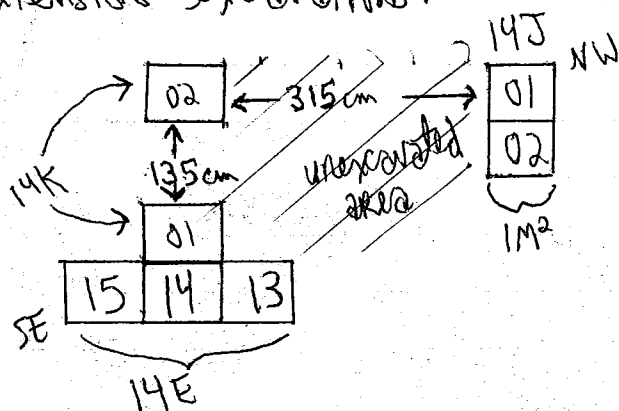


Scale
10m
(1:10)

N (mag)
↓

[groundstone - metate fragment (thin, worn smooth, made of vesicular basalt - dark gray to black) found in 14F-20 clean-up.]

Lot 14I-17 - abandoned due to shortage of time & workers - but Lot "14K-02" instated as shown below to find corner where "Bacab/Mm Tun speten" meets "Ho Tun mal" (of 14E extensions excavations:



Finished lot 14I-15 yielding more platform/terrace, and: ceramics, bajareque, obsidian, bone (found), and ground stone (mano and metate fragments).

Beginning 14I-16 - 1 m² Not Meter 12 (lot 14I-12) - 1 m² E of Meter 15.

119
P95-78-104 of
3-20-95

[Lot "14F-9/11/14" changed to lot 14F/21 as of 3-18-95
artifacts affected: ceramics, bajareque, ground stone (mano
and metate fragments)]

Continuing excavations in 14H/18 and 14H/19 - clearing the
summit of the larger structure; 14I/16 - the last meter in the
series of 14I aimed at uncovering the side facing the site core;
and 14K/02 - placed at what is believed to be the corner of
the larger structure to the north. 8 workers (possibly 10)
today - hope to finish SOON!

Finished 14H/18 - meter 17. Yielded ceramics, figurine fragments
(see below), obsidian, bajareque, shell, and chert.

Finished 14H/19 - meter 18. Yielded ceramics, obsidian, chert, bajareque,
shell and a rattlesnake (promptly killed by Camilo with a sharp
shovel).

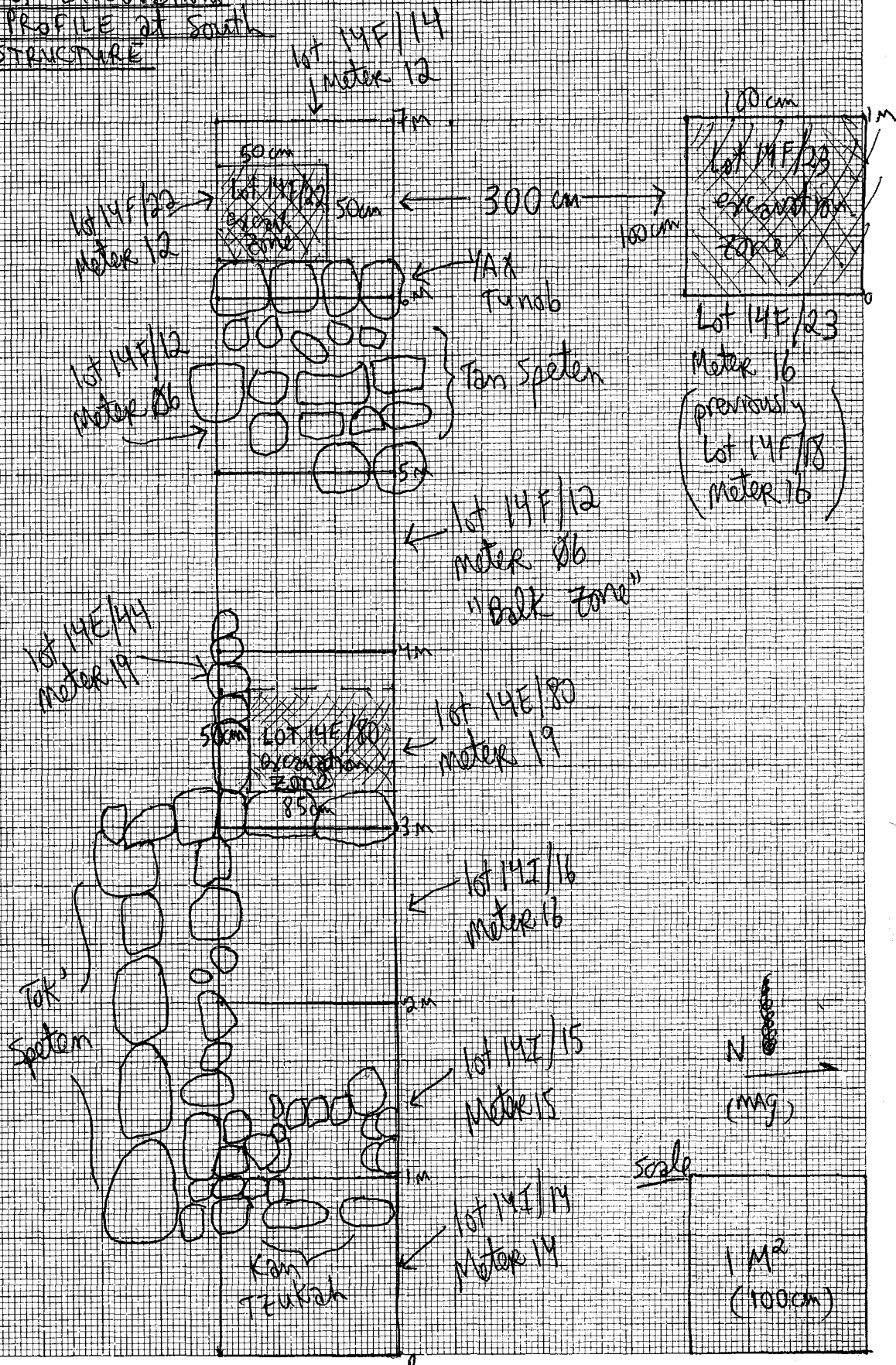
Finished 14I/16 - meter 16 - yielding ceramics, obsidian, & bajareque,
and a N-S oriented wall cornering out with the E-W wall.
(see Features list forthcoming for exact position and orientation)

Beginning small "test excavations" in 14E & F meters
(see P95-78-105 for map plan) and one in 14F-18 - midden.
These will be lots 14E-80, 14F-22, & 14F-23 (respectively).
(Again, see P95-78-105 for map/plan).

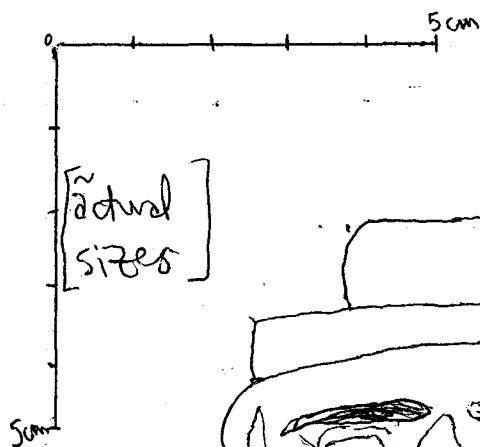
~~Figure 10~~
~~Figure 11~~
~~Figure 12~~
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~~Figure 76~~
~~Figure 77~~
~~Figure 78~~
~~Figure 79~~
~~Figure 80~~
~~Figure 81~~
~~Figure 82~~
~~Figure 83~~
~~Figure 84~~
~~Figure 85~~
~~Figure 86~~
~~Figure 87~~
~~Figure 88~~
~~Figure 89~~
~~Figure 90~~
~~Figure 91~~
~~Figure 92~~
~~Figure 93~~
~~Figure 94~~
~~Figure 95~~
~~Figure 96~~
~~Figure 97~~
~~Figure 98~~
~~Figure 99~~
~~Figure 100~~

[See P95-78-106 for drawings of Figurine
Frag. encountered in 14H/18]

DIAGRAM OF EXCAVATIONS FOR E-W PROFILE of South PART of STRUCTURE

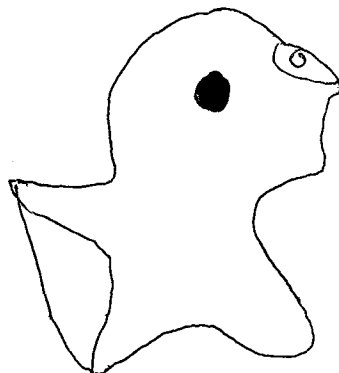


P9578-106
(3-20-95 cont'd)



(human face)

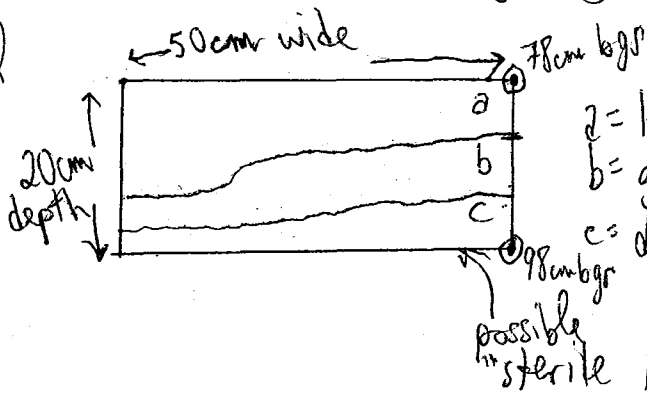
Figure 1e FRAG.S
found in 14H/18



(dog?)

14F/22 taken from 255cm below datum to 275cm below datum encountering fragmentary, eroded sherds ^{no obs} and a soil sample (#1) taken from 270cm-275cm below datum (93cm-98cm below ground surface) in "sterile soil." This little 50cm x 50cm wide lot yielded excellent stratigraphy (see below).

West wall
Profile of
14F/22



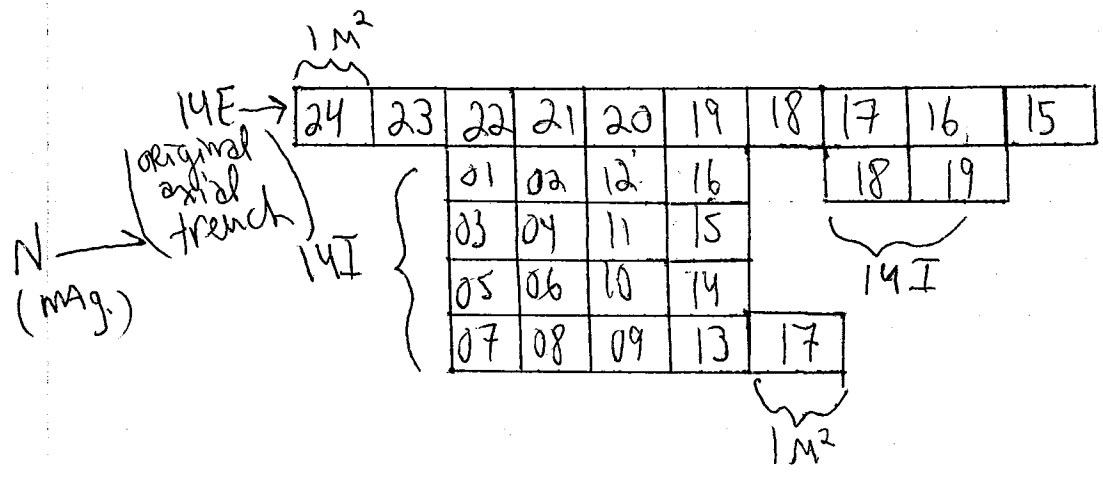
Finished 14K/82, meter 82 yielding ceramics and bone fragments in low amounts. Also yielded south edge of "Nim Tun Spetch," but no corner (w/ wall traveling north). Opening 14K-83 - meter 83, 1m² W of Meter 82 in search of corner - must be close!

P9578-107 of 3-20-95 (cont)

Finished 14H/19 (meter 18) yielding ceramics, bajareque, shell, obsidian, and chert - also defined superstructure having clear $\frac{1}{2}$ the summit (see "superstructure summary" forthcoming for details). [Also found ground stone - rectangular basalt - metate fragment].

14E/80 completed - showing wall in question to be "floating" still! yielded ceramics, obsidian, and Bajareques. Beginning 14I/17, meter 17 as previously planned (see below) following out front (facing site core). Also beginning 14I/18, meter 18 (see below) & 14I/19 (meter 19) (see below).

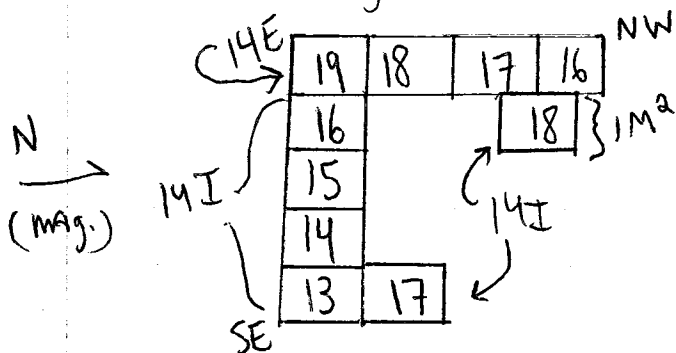
Location of 14I excavations



Continuing excavations in 14I-18 (meter 18), 14I-19 (meter 19), and 14K-Ø3 (meter Ø3) - searching/defining the remaining pieces of architecture that will help discover what these structures looked like.

119
Ø45-78-108 of
3-21-95

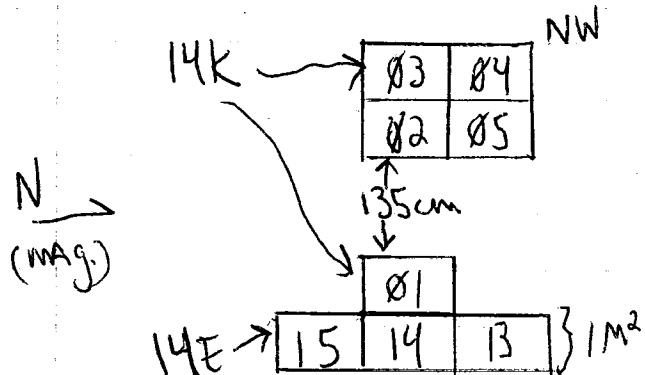
"Replacing" 14I's (again)! - today, working on 14I-17 & 14I-18 (as seen below)



14I/17 placed next to meter 13 to follow out stairs.
14I/18 placed from 830cm-930cm (measured from south wall of Meter 14E 24) to follow semi-circular feature uncovered in 14F excavations.

(There are no plans for a 14I/19 as of yet)

14K-Ø3 finished yielding what seems to be just rubble - opening 14K-Ø4 and 14K-Ø5 to define corner (see below)



119
P95-78 109 of 321-95 (cont'd)

Finished 14I/17 yielding ceramics, shell, obsidian, & bazarque in rather large amounts - also defined front (E) of structure better, following ~~the~~ ^{Nim} "Ebob" out several more feet.

Finished 14I/18 yielding ceramics, obsidian, shell & bazarque and the continuation and possible corner of the N-S crosswall encountered in earlier 14I (16) excavations.

Finished 14K/04, & 05 yielding ceramics in small amounts and good obsidian pieces that would seem to suggest some sort of production took place in the area, although on a domestic level.

Officially finished with excavations on this structure (perhaps, forever!). Final notes and cleaning take place tomorrow

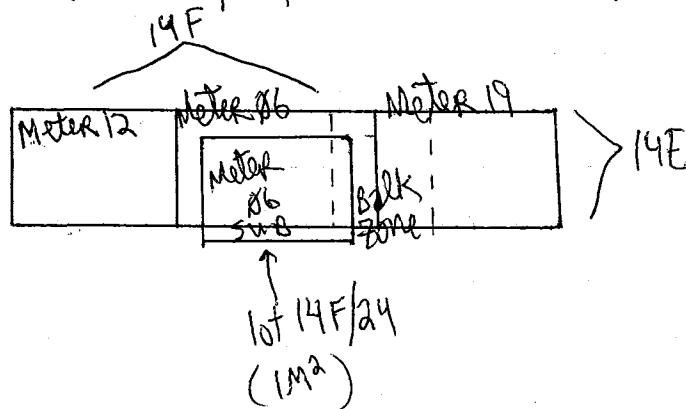
Named some final features: Wak Tunob ("1st tier" on earlier construction on "Nim Speten"); Ch'ab K'in (semi-circular "construction" at north end of "Nim Speten" - possible structure for ceramic firing); Bah Tan N-S crosswall in 14I/18; Yotot YAX N-S crosswall in 14I/16 - possibly/probably connected to "Bah Tan"; Tan Speten BACAB (E-W crosswall on top of Tok' Speten "Room" cornering with "Yotot YAX" to the ~~west~~ west and bordered by "Nim Ebob" to the ~~west~~ east); pop ("door area" of "Muk Nal" "Room" in 14F excavations - actually found in 14E - original axial trench.)

[See "Feature Summary" upcoming]

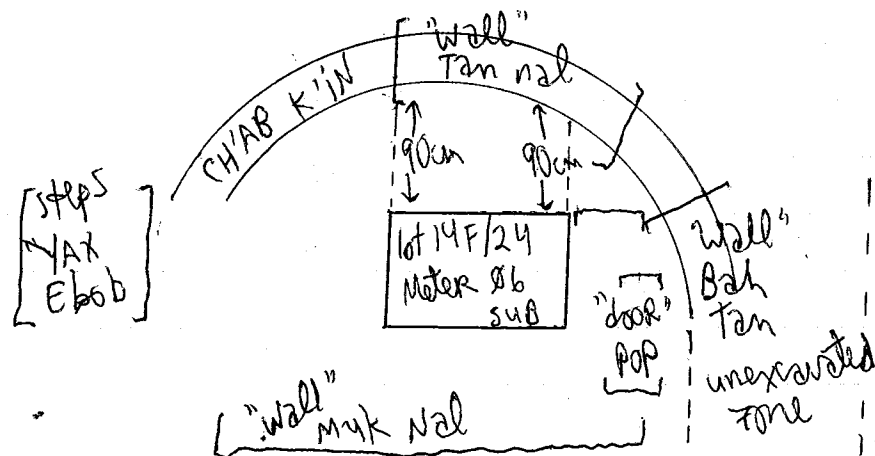
Gave 2 workers to April, and 2 to Brenden
(keeping the best for myself!)

P95-78-110 of 119
3-22-95

Test pitting an area just inside "CH'ab K'in" - the semi-circular area underneath terrace "nim speten" - even more cause to believe it's a deactivated firing structure/kiln: excavations in 14I/18 yielding a continuance in the features' semicircular pattern and excavations in 14E/80 show a profile of very interesting clay deposits. Other evidence includes excavation in 14F/18 & 14F/23 that defined a very large midden area - see P95-78-112 for profile & elevations. This will be lot 14F/24 - 1M² as show below:



& in relation to CH'AB K'in:



P95-78-111 fin
3-22-95 (cont'd)

Oops! found a burial in 14F/24!!! (map/plan on P95-78-112) - nothing too dramatic or special - no accompanying artifacts. @ ~18cm below "floor" defined by "room" Muk Nal and "doorway" Pop; where this "floor" is 177cm below datum (thus the burial lies ~195cm bd). Appears a full burial with long bones, etc. Not too well preserved, but enough to be mapped and excavated with care. Burial is oriented 10°E of N - as is the overlaying architecture.

X Mapping "midden" feature in 14F/18 & 23 on P95-78-113.

X Mapping "Burial" in 14F/24 on P95-78-112

X Mapping "Wall" Bah TAN on P95-78-114

X Mapping CH'AB K'IN - semi-circular construction on P95-78-115

X Mapping Burial also on MAP P95-78-07

X Mapping CH'AB K'IN also on MAP P95-78-08

Down ~10cm below CH'AB K'IN and finding nothing terribly unusual - CH'AB K'IN is only one stone high and no dramatic soil changes have been noticed at this depth.

New Feature: CHAN WAY - small wall connecting KANN Muk to YOTOT CHAN in 14H excavations (N) on feature Summit.

P95-78-112 of 11
3-22-95 (cont'd)

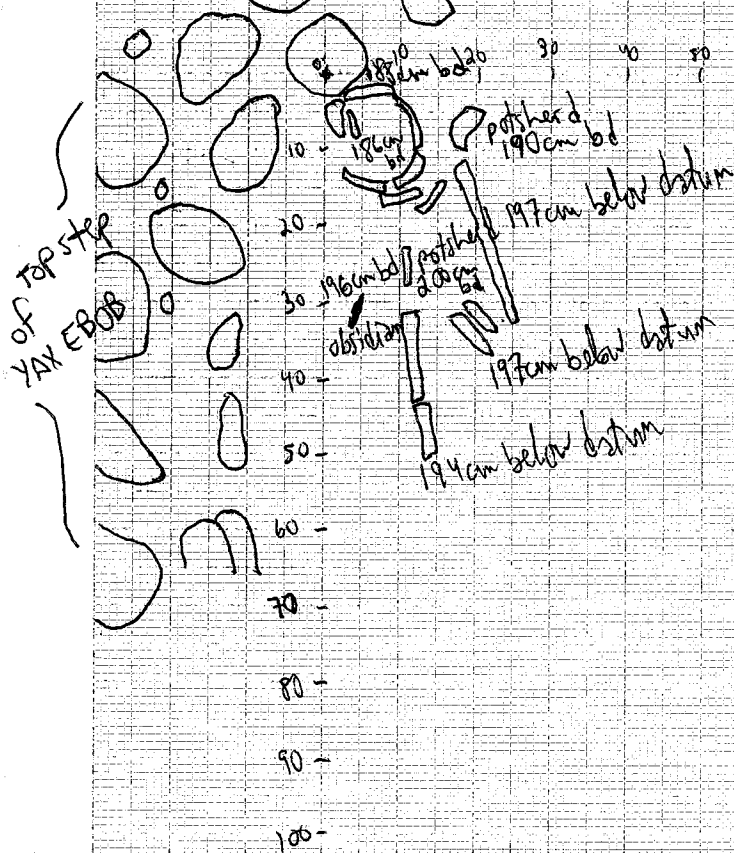
op 14
subop F
lot 24
meter 86 (sub)

TAN Nal

BURIAL in 14F/24 below "floor"
in "Room"

CHAR K'IN'S

BAH
TAN



(skull is @ ~186-166 cm bd)
(skull is @ ~57cm below ground surface)
(skull is @ ~26cm below "floor" defined by Mark Nal)

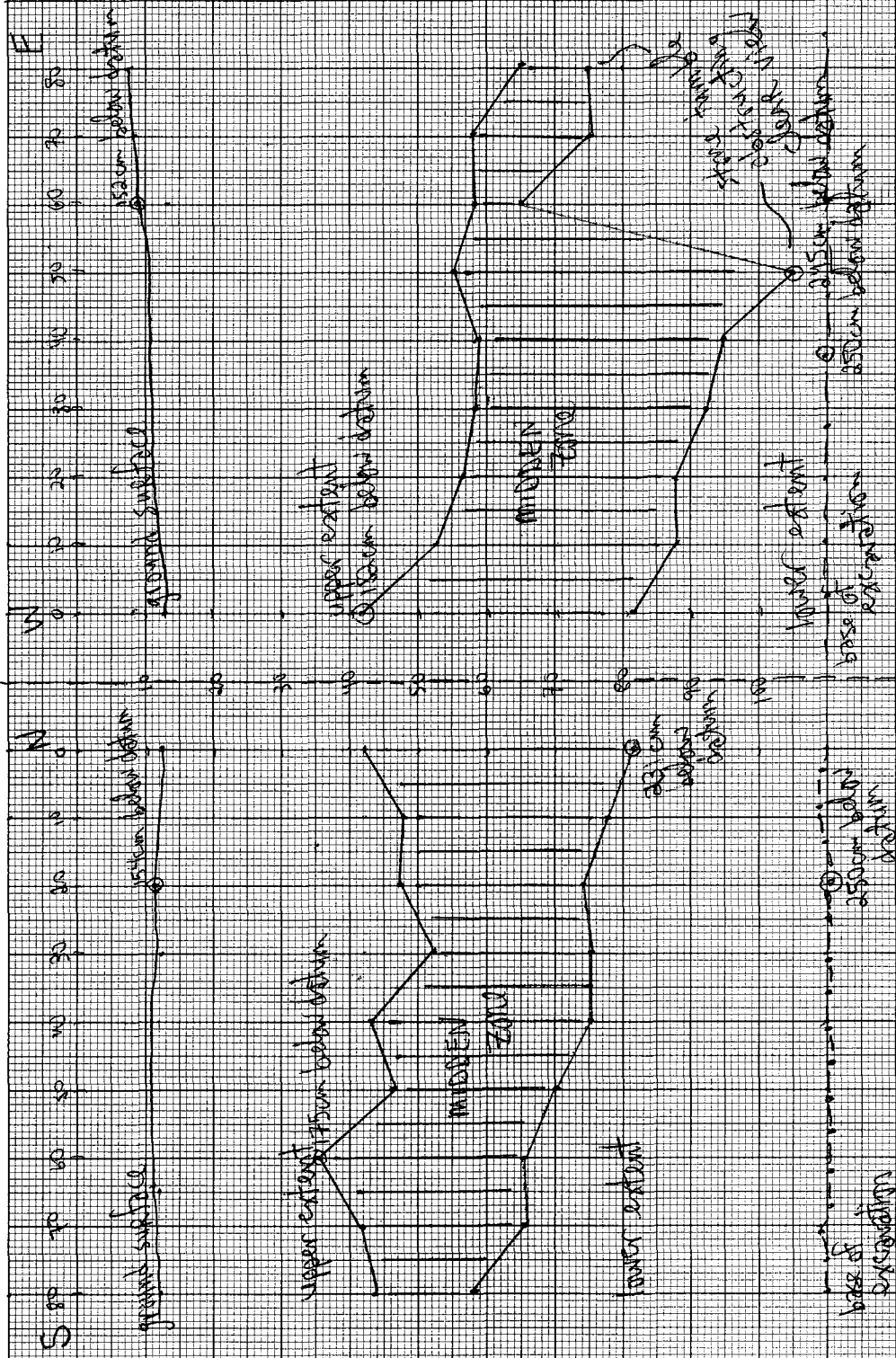
10E of N
N
(mag)

scale

10cm² (1:70)

op 14
subtop
lots 18023
meters 16

N-S and E-W profiled
sections of middle zone
in meter 14F/16



*Both middle zones
consist strictly of
sandy loess -
SICARO Group sands,
boulders and basins
are by far the most
common. Also identified:
La Champa Group
waters in well
as Mandolera and
Monte Grande
Red-on-Natural
Types.

↑ middle zone extends from 15
(above) along N-S wall in 2
southward direction a total
of 217 cm, but begins to
thin out dramatically after
about 200 cm.

↑ middle zone extends from 15
(above) along E-W wall in an
eastward direction a total of
142 cm, but begins to thin out
dramatically after about 90 cm.

P95-78-113
3-23-95 (cont'd)

114
20

P95-78-114 of 1
3-23-95 (Cont'd)

[illegible]

Scale

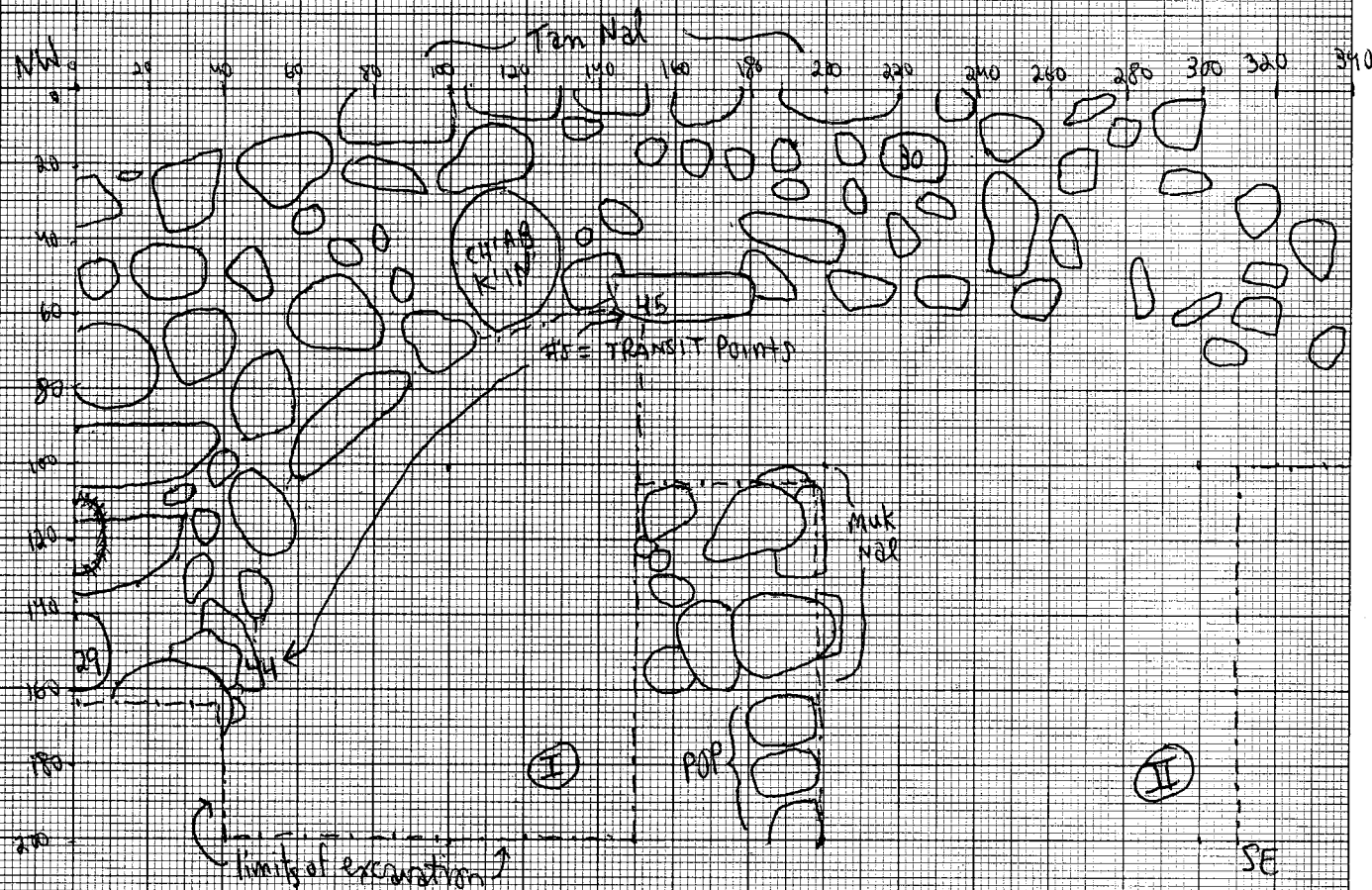
100cm^2

$(1:10)$

GP-14
Subarea ERF
lots: 14E16 & 14E17
motors (14E) 18, & (14E) 14, 5

FEATURE CH'AB K'IN (SEMICIRCLE)

1
N (MAG)



CH'AB K'IN is one-stone high with excavations in area (I) at 210 cm below datum and excavations in area (II) at 190 cm below datum (210 cm bd \approx 100 cm below ground surface & 190 cm bd \approx 80 cm below ground surface).

The west side of CH'AB K'IN blends into the "stairway" YAK Ekob, the north blends into the "wall" Tan Nal, the East blends into BAN TAN, and the south disappears underneath the "room" Muk Nal and presumably blends into wak tumob (a possible terrace/platform/step of an earlier construction than muk nal).

Drastic soil change in area (I) encountered at \sim 210 cm bd from a dark brown sandy soil to a light tan-gray clay (hard) with pebble inclusions. Burial found in area (II) at shown at \sim 190 cm below datum with no "special" deposits, associated artifacts (although some obsidian and censur lid frags found).

scale

20m

With only two workers - cleaning entire
excavation area - making floors straighter, corners
sharper, sweeping, etc.

P95-78-116 fir
3-23-95

Working on maps/plans (see P95-78-111 & 112-115).

Gave away all workers to April & Brenden - working on
maps (of CH'AB KIN) and final notes, feature summaries, etc.

P95-78-117P119

3-24-95

3/28/95

Final Word

All excavation complete - as well as notes, maps, plans, etc. The NORTH STR. is apparently not connected to the southern one - no evidence was uncovered to support such a hypothesis - however, there remains narrow bands of unexcavated earth between each structure - excavation in this area could lead to a clearer definition in relationships between the two.

The northern str. seems to have been constructed in one phase, but have been used after abandonment ("floppy wall" Tan witz). Due to the nature of the artifacts found here, it is believed that this may have been the "local shaman / religious figures domain" - it doesn't appear to be residential in function, but rather, due to its great height and overall architecture, a religious (vs. civic/secular) str. There is great and exacting symmetry about this str. and it's interesting to "play with" the numbers / dimensions from data obtained here. (The subsurface platform - or tun nal - remains a mystery in function and relationship to the str. proper.

The southern construction may have seen several phases of occupation. Originally, ^{there} may have been a semi-circular feature laid down. This may have ^{later} been incorporated into the possible terrace/platform area defined by Wak Tunob, Tan Speten, and YAX Tunob. Then came a more ambitious building phase that incorporated this str. to make "nim speten" (and possibly YAX speten). At this point, YAX speten may have been tacked on. Then came a possible squatters home (muk Nal) - who took liberty in burying one or two individuals. Walls Tan ~~speten~~ Nal and Bah Tan still remain in limbo - as with their original purpose / function and

Relationship to CH'AB K'IN (the semi-circular feature).

The steps on the southeast side are more certain, but no relationship (directly) was found to muk Nal, Nim Speten, etc. to the west! This step seems to have originally been defined by Nim Eboob and Tan Speten Bacab - much later YAT was added on (certainly after nim speten was constructed for it lies partially on top of that terrace). The "Room" Tok' speten was probably added later (or quite certainly well before Tan Speten BACAB was even built!).

An analysis of the pottery artifacts should help to narrow down the occupation periods into the right facets/phases.

Map inventory : P95-78-01 = 14E/29 (Meter 06) - skull deposit #1
(DRAWINGS)
P95-78-02 = 14E/20 (Meter 03) - skull deposit (cache) #2
P95-78-03 = 14E - original axial trench section/profile (ws)
P95-78-04 = 14H/01 (Meter 01) - special deposit #1
P95-78-05 = 14F/13 (Meter 12) - Burial #1 (above CH'AB K'IN)
P95-78-06 = 14E, F, I - E-W section/profile
P95-78-07 = 14F/24 (Meter 06) - Burial #2 (inside CH'AB K'IN)
P95-78-08 = 14E/46 & 14F/16, 17 - Feature CH'AB K'IN (plan)

PVN95 #78
P95-78 of 119
120

[illegible]

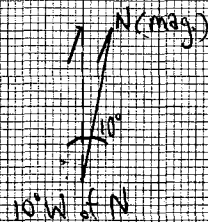
14K	14K
04	05
14K	14K
03	02

14K	14E	14H	14H	14H
01	14	01	03	05

14F	14F	14F	14E	
16	17	18	16	14I
14F	14F	14F	14E	18
13	14	15	17	

14F	14F	14E	14I
12	06	18	17
14F	14F	14E	14I
11	05	19	16
14F	14F	14E	14I
10	04	20	12
14F	14F	14E	14I
09	03	21	02
14F	14F	14E	14I
08	02	22	01
14F	14F	14E	14I
07	01	23	03
		14E	05
		24	

scale	
	1 m^2



FEATURE SUMMARIES

The following are a list of "Feature Summaries" (which include the name, location, dimensions, transit points, elevation, Azimuth, notes, etc. of the feature being discussed). The "North group excavations" (lots 14 E, G, H, J, & K (and L)) are discussed first, followed by the "South group excavations" (lots E, F, & I (and L)) - within these groups no other subdivisions or attempt at ordering have been made.

The arrangement of the descriptions presented here ~~are~~^{is} as follows:
name of feature, [transit points], identification of feature, Length, width, height, elevation (in cm below datum), Azimuth (its relationship to N), lot that the feature falls in, notes/comments, pages of notes where feature is mentioned or discussed.

This is a final commentary on the features uncovered in this structure (66). All questions not answered by examining the referenced field notes and maps.

FEATURE SUMMARIES (STR. 66, op. 14)

OX TUN NAL [T.P. 1] - subsurface platform (probably not related to STR. 66 in the Late Classic): L=118cm, W=69cm, H=23cm, E=248cm bd, A=40° W of N. Lots 14E/6, 7, 8. Only part of one side showing (presumably the south or southwest edge); only 1 stone high.
NOTES: P95-78-06, 07, 08.

Yax Halach [T.P. 2, 4] - basal terrace: L=397cm, W=52cm, H=23cm, E=187cm bd, A=10° W of N. Lots: 14E/27, 63, 65 & 14G/03, 04. Apparently only 1 stone high and 1 stone ~~thick~~^{wide}, but a large amount of "slump" and tumble was discovered directly in front - most probably related to this terrace.
NOTES: ^{P95-78-}43, 55, 61, 64, 65, 66, 73

U Yoke' Te' Bakil [T.P. 3, 5, 6, 7, 26, 27] - "T" shaped terrace (with "thick stem"): stem - L=395cm, W=62cm, H=47cm / top bar - L=685cm, W=84cm, H=41cm; E=171cm bd, A=10° W of N. Lots: 14E/27, 63, 64, 65, 67 & 14G/03, 04, 09. ^{& 14G/01} 2 stones high, 2 stones wide.
NOTES: P95-78-64, 65, 66, 87, 89

K'atin Bak [T.P. 23] - projection/wall from the east side of "Kann Muk," analogous to "Tz'ap Muk": L=109cm, W=85cm, H=104cm, E=93cm bd, A=10° W of N. Lots: 14E/29 & 14G/05. About 8 stones high and 4 stones wide - better preservation than "Tz'ap Muk," but still missing facing and corner stones.
NOTES: P95-78-31, 42, 43, 46, 66, 68

TZ'AP MUK [T.P. 16, 17, 18] - projection/wall from the west side of "Kann Muk," analogous to "K'atin Bak": L=129cm, W=88cm, H=27cm, E=153cm bd, A=10° W of N. Lots: 14E/62. ~~Two~~² stones high, 2 stones wide - poorly preserved - much fill removed during initial excavation.
NOTES: P95-78-42, 43, 46

Lakam Tunob [T.P. 9, 10, 13, 14] - terrace/platform on which superstructure was built - rises just above "U Yokel Te' Bakil" and circumspects the superstructure: L=675cm, W=469cm, H=54cm, E=148cm bd, A=10° W of N. Lots: 14E/66, 67, 62, 64, 77, 78 & 14K/02, 03, 04, 05. West/Central portion not excavated fully - this feature is simply the west half of "Nim Tun Speten" - these two features make up this terrace/platform (Feature "Ho Tun nal" has been incorporated into this complex along with feature "XAMAN Tunob").

NOTES: 71,

NIM TUN SPETEN [T.P. 37, 38, 39, 24, 25] - terrace/platform (see description for "Lakam Tunob"): L=675cm, W=469cm, H=54cm, E=143cm bd, A=10° W of N. Lots: 14H/02, 05, 07, 08, 15, 09, 14, 10, 13, 11, 12, 20 & 14G/05, 06, 09. North-East, East, and South-East portion of terrace platform (see notes for "Lakam Tunob" above); Full platform: L=675cm, W=744cm, H=54cm; excellent preservation - although not sure about original height of platform; Area completely excavated.

NOTES: 69, 70, 71, 73, 76, 77, 79

Waxak Tun Tzukah [T.P. 41, 43] - step/terrace leading to "Nim tun speten" on the east; before "TZ'ap Pop": L=300cm, W=50cm, H=20cm, E=195cm bd, A=10° W of N. Lots: 14H/08, 09, 10, 11. All measurements estimated based on notes and maps. Name given to feature after excavations.

NOTES: 87

TZ'ap Pop [T.P. 40, 42] - step/terrace leading to "Nim tun speten" on the east; just above/sitting on "Waxak Tun Tzukah": L=300cm, W=50cm, H=20cm, E=185cm bd, A=10° W of N. Lots: 14H/08, 09, 10, 11. All measurements estimated.

NOTES: (see above; feature named after excavations).

Kann Muk [T.P. 14, 15, 22, 24] - north wall on structure summit: $L=315\text{cm}$, $W=78\text{cm}$, $H=87\text{cm}$, $E=84\text{cm}$ bd, $A=10^\circ$ W of N. Lots: 14E/61 & 14H/19. Not fully excavated - north face exposed and center and east half excavated only, yet measurements are accurate estimates.
 NOTES: ^{P95-78} 42, 43, 46, 68

Chan Way [T.P. 28, 29] - short, eastern wall on structure summit connecting "Kann Muk" with "Yotot Chan": $L=143\text{cm}$, $W=81\text{cm}$, $H=47\text{cm}$, $E=94\text{cm}$ bd, $A=10^\circ$ W of N. Lots: 14H/19. Height measurement taken from base of "nim tun SPETEN" - original wall probably much higher; Analagous to "nim XAMAN Tunob" on western part of structure. NOTES: P95-78-III

NIM XAMAN TUNOB [T.P. 11, 12] - short, western wall on structure summit connecting "Kann Muk" with a wall analogous to "Yotot Chan" - but unexcavated at this time. $L=50\text{cm}$, $W=80\text{cm}$, $H=50\text{cm}$, $E=104\text{cm}$ bd, $A=10^\circ$ W of N. (Measurements taken only of exposed area - all are real and not estimated) Lots: 14J/02. Not excavated fully.
 NOTES: ~~P95-78-III~~ (named after excavations - no notes available)

Yotot Chan [T.P. 30, 31, 32, 33] - eastern wall on structure summit in between "Chan Way" and the south wall, "Bacab": $L=355\text{cm}$, $W=82\text{cm}$, $H=53\text{cm}$, $E=94\text{cm}$ bd, $A=10^\circ$ W of N. Lots: 14H/13, 14, 15. Clearly the north-eastern arm of "Bacab" - where this wall and "Bacab" meet, defines the south-east corner of the summit structure's room.
 NOTES: P95-78-III

Bacab [T.P. 34, 35] - southern wall on structure summit: $L=315\text{cm}$, $W=71\text{cm}$, $H=49\text{cm}$, $E=98\text{cm}$ bd, $A=10^\circ$ W of N. Lots: 14E/42, 43, 47, 41 & 14H/01, 02 & 14K/01, 05. Measurements are taken only from exposed portion of wall, estimated to be about 7.5 meters in total length and believed to be somewhat higher. Possible entrance at south-east corner with "Yotot Chan".
 NOTES: P95-78-71, 79

Eb [T.P. 1] - stair leading to "Yax Speten": $L=53\text{cm}$, $W=32\text{cm}$, $H=25\text{cm}$, $E=241\text{cm}$ bd, $A=\text{due N}$. Lots: 14E/31, 33 & 14L/02. Stair made of a cut block that was apparently "tacked on" to "YAX SPETEN".
NOTES: P95-78-20, 28, 56, 57, 71, 80.

Yax Speten [T.P. 2, 3] - basal terrace: $L=315\text{cm}$, $W=94\text{cm}$, $H=30\text{cm}$, $E=213\text{cm}$ bd, $A=\text{due N}$. Lots: 14E/31, 33 & 14I/01 & 14F/03, 07. Seems to be "tacked on," or abutted to larger, higher terrace platform, "Nim Speten".
NOTES: P95-78-71, 73, 78, 79, 80, 81

NIM SPETEN [T.P. 6, 9, 13, 14] - terrace/platform, used as "base" for subsequent construction of "Muk Nali": $L=315\text{cm}$, $W=358\text{cm}$, $H=68\text{cm}$, $E=179\text{cm}$ bd, $A=\text{due N}$. Lots: 14E/35 & 14F/04, 08, 09, 11. Of unknown relationship to larger structure to the north - north of "Nim Speten" truly undefined, as is east. Excellent preservation on the south and west sides. Measurements of platform length and width are estimates, as north and east sides remain undefined.
NOTES: P95-78-71, 73, 74, 78, 79, 80, 81, 82

Wak Tumb [T.P. 12] - western edge of uppermost terrace of original construction apparently "encased" inside "Nim Speten" (of exposed section only): $L=89\text{cm}$, $W=36\text{cm}$, $H=17\text{cm}$, $E=169\text{cm}$ bd, $A=\text{due N}$. Lots: 14F/04. Seems to be the first in a series of constructions in this area - followed by "Nim Speten" (and possibly "Yax Speten") and subsequently by "Muk Nali." As of yet - of unknown relationship to "CHAB KIN" - the semi-circular construction at the same depth - uncovered to the north of "Muk Nali."
NOTES: P95-78-57, 109

Tan Speten [T.P. 11] - western edge of terrace "2nd from top" of original construction (see notes on previous page for "Wak Tunob"); L=99cm, W=24cm, H=21cm, E=187cm bd, A= due N. Lots: 14F/04, 08. Measurements taken from exposed section only; As of yet, of unknown relationship to semi-circular construction "CH'AB K'IN" - but certain there exists a close relationship.
NOTES: P95-78-84

Yax Tunob [T.P. 10] - western edge of terrace "3rd from top" (possibly 1st) of original construction (see above notes & on previous page); L=107cm, W=57cm, H=50cm (from "ground" where "Yax Speten" rests), E=211cm bd, A= due N. Lots: 14F/08. See above notes; this section is also the middle area of "NIM SPETEN" - "Nim speten" was excavated into to help define construction underneath. "Wak Tunob," "Tan Speten," and this feature may very well also be stairs.
NOTES: P95-78-92.

Muk Nal [T.P. 15, 16, 17, 18, 20] - "ROOM" walls on top of "NIM SPETEN": (eastern wall section #14): L=66cm, W=45cm, H=42cm, (eastern wall section #2-5): L=73cm, W=47cm, H=31cm, (southern wall): L=227cm, W=24cm, H=31cm, (western wall): L=176cm, W=33cm, H=51cm - E=129cm bd, A= due N. Lots: 14E/40, 44, 53 & 14F/05, 10, 13, 14 & 14L/02. Apparently a very late construction - perhaps by squatters. Two burials found in relatively the same area (one deeper than the other) just below "floor" level in this room. There is strangely no north wall, except for the possibility of "Tan Nal." Of unknown relationship to "CH'AB K'IN," except that it lies about 10-20 cm below "floor level." "Doorway" on eastern wall (see "Pop" on Reverse). All measurements taken from top of "Nim Speten."
NOTES: P95-78-71, 79, 80, 81, 82

Pop [T.P. 19] - "doorway" feature of "Muk Nal" on eastern wall, sitting on "Nim speten": $L=87\text{cm}$, $W=21\text{cm}$, $H=12\text{cm}$, $E=155\text{cm}$ bd, $A=\text{due N}$. Lots: ~~14E~~/40/4, 53. Associated closely with "Muk Nal" - facing toward the site core.

NOTES: P95-78-109, 115.

YAX Eboob [T.P. 21, 22, 29] - inset "stairway" to the north and below "Muk Nal" - making the western edge of "CH'AB K'IN" (Basal step): $L=62\text{cm}$, $W=60\text{cm}$, $H=16\text{cm}$, (top step): $L=86\text{cm}$, $W=\text{unknown/undetermined}$, $H=26\text{cm}$, $E(\text{basal step})=222\text{cm}$ bd, $E(\text{top step})=197\text{cm}$ bd, $A=\text{due N}$. Lots: 14F/57, 58, 59, 60. Possible terraces reused as steps, or originally meant as steps - definitely related to "CH'AB K'IN," possibly to "Muk Nal," probably to "Tan Nal".

NOTES: P95-78-92

Tan Nal [T.P. 23, 24, 25] - wall to the north of "Nim speten" & "Muk Nal": $L=121\text{cm}$, $W=34\text{cm}$, $H=44\text{cm}$, $E=138\text{cm}$ bd, $A=\text{due N}$. Lots: 14E/50 & 14F/16, 18. Wall "sloppily" constructed/poorly preserved - defines north edge of "CH'AB K'IN" and is "in line with" "YAX Eboob" on the west and "Bah Tan" on the east.

NOTES: P95-78-101, 102

Bah Tan [T.P. 26, 27, 28] - wall on corner of "CH'AB K'IN," east of "Tan Nal": $L=124\text{cm}$, $W=78\text{cm}$, $H=53\text{cm}$, $E=155\text{cm}$ bd, $A=\text{due N}$. Lots: 14I/18. Wall running N-S with a curved extension (T.P. 26) that eventually runs E-W. May be connected to "Yotat YAX." The length is an estimate, as the full wall was not completely exposed.

NOTES: P95-78-109, 110, 114

p. 4 of 5

CH'AB K'IN [T.P. 30, 44, 45, 46] - semi-circular construction - possible de-activated kiln (may be original construction): L = unestimated, W = unestimated/variable - generally ~50 cm, H = ~5 cm, E = 195 cm bd, A = unestimated; if not due N, then up to 10° W of N. LOTS: 14E/44, 46, 54 & 14F/10, 12, 13, 14 & 14I/18. Possible diameter = ~241 cm. At same depth as basal stores of "Tan Nal" and "Bah Tan." Seems to be a semi-circle/circle within a square of stores - but not sure. Extends under "Nim Speten" to ?

NOTES: P95-78-110, 111, 112, 114, 115

Kan Tunob [T.P. 4, 5, 7, 8] - N-S & an E-W crosswall on western edge of "YAK Speten:" (N-S wall) L = 67 cm, W = 28 cm, H = 31 cm, (E-W wall) L = 70 cm, W = 15 cm, H = 10 cm, E (N-S wall) = 165 cm bd, E (E-W wall) = 153 cm bd, A = 10° E of N. LOTS: 14I/01. N-S wall on west edge of "YAK Speten," E-W wall runs parallel to south edge (starting from east corner) of "Nim Speten;" these walls are probably (but not positively) related. They're each one stone wide, and very sloppy in construction. The E-W wall is only 1 stone high; the N-S wall is 3 stores high at highest part.

NOTES: P95-78-84

Tok' Speten [T.P. 33, 32, 38] - "room" feature consisting of a "floating wall" to the west, a solid wall rising from a lower terrace/platform, "Tunob Tzukah," to the south, and a "doorway/entrance" wall to the east: (E wall) L = 64 cm, W = 33 cm, H = 20 cm, (S wall) L = 132 cm, W = 33 cm, H = 28 cm, (W wall) L = 162 cm, W = 31 cm, H = 40 cm, E = 206 cm bd, A = 10° E of N. LOTS: 14I/01, 03, 05, 06, 02. walls are 1 stone high, but with very clear definition - entranceway is "kan Tzukah" (see reverse side of page) and wall to the north is "Tan Speten Bacab."

NOTES: P95-78-92, 93, 105.

Tunob Tzukah [T.P. 34, 35, 36] - basal terrace "under" "Tok' speten" in 14I excavations (may be more platform-like): L = 272 cm, W = ?, H = 23 cm, E = 226 cm bd, A = 10° E of N. Lots: 14I/01, 03, 05. Width unknown - extends into unexcavated areas to the north. Gives way to inset steps, "Kan Tzukah" along its eastern/central edge. Well-faced - large basal stones - does not appear to be abutting "Yax speten"/"Nim speten" but rather may run "underneath" (as part of an original construction).
NOTES: P95-78-92

Kan Tzukah [E.P. 37] - inset steps/entrance-way into "room" "Tok' speten": L = 69 cm, W = 21 cm, H = 13 cm, E = 214 cm bd, A = 10° E of N. Lots: 14I/06. 4 stones long, 1 stone high/wide, helps to define floor of "Tok' speten" - may be, at its top, the top of the basal terrace "Tunob Tzukah." (facing site core).
NOTES: P95-78-93, 105

Nim Elob [T.P. 41, 42, 43] - large steps/"intro terracer" facing site core, rising to room defined on the south by "Tan speten Bacab": (1st step) L = ?, W = 31 cm, H = 23 cm, (2nd step) (top) L = ?, H = 41 cm, H = 53 cm, E (top step) = 179 cm bd, E (bottom step) = 206 cm bd, A = 10° E of N. Lots: 14I/13, 17. Length undefinable as this feature extends northward into unexcavated areas. Very large stones used - many of cut block.
NOTES: P95-78-98, 99, 108

Tan Speten Bacab [T.P. 39, 40] - terrace/platform rising off of "Floor" in "TOK Speten" - may also be wall for a room at this height: L=218cm, W=33cm, H=47cm, E=167cm bd, A=10° E of N. Lots: 14I/10, 11, 12, 13, 14, 15. Rather tall rise off of "Tunob Tunkah" / "Tok Speten", well built - very definable - top is a bit eroded. Access to this level is from "Nim Ebob" - extent of Area undefined - measurements of L & W, are of areas only excavated. Runo E-W, corners w/ "Totat Yax".
NOTES: P95-78-109, 93, 96

Totat Yax [T.P. 31] - N-S crosswall "sitting on" "Tan Speten Bacab": L=?, W=85cm, H=33cm, E=144cm, A=10° E of N. Lots: 14I/12, 16. Not completely exposed; possibly the southern end of "Bah Tan". Found in 14I/18, thus may be connected to "CH'AB K'IN" but don't believe so - its basal stone stop at about the depth of "Muk Nal" + 5 or 10 cm. On edge of "Nim speten".
NOTES: P95-78-109.

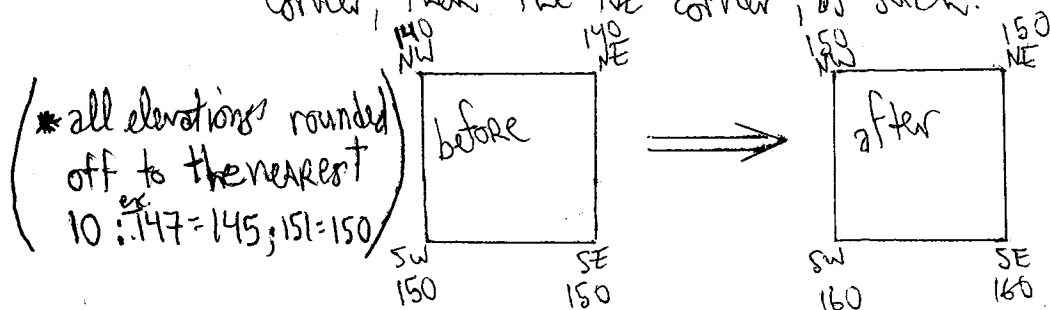
LOT SUMMARIES

The following are a list of "lot summaries" (lot, meter, date of initial excavation, elevations/verticle location, and where the lot can be found in the notes) arranged first by subop (E, F, G, H, I, J, K, L), and then by the date each lot was begun.

Lots do not necessarily correspond to the same meter number, as some meters may "contain" more than one lot (especially those lots in the original axial trench, 14E - where excavations attempted to follow stratigraphy). The dates associated with each lot is the date in which the lot was begun and does not necessarily correspond to the date when the lot was finished. Elevations are given for each corner of each 1 meter lot in the following manner:

ex. 150/150/140/140 - 160/160/150/150

would correspond to the corner elevations at the beginning (before excavation of the lot - 150/150/140/140) and then the final elevations (after the lot had been excavated - 160/160/150/150). All elevations were taken in the same manner (with line level and datum) representing cm below datum [see below] starting from the SW corner, then the SE corner, then the NW corner, then the NE corner, as such:



The datum is located on the top of the north-facing mound (the largest mound excavated in 14E-L) exactly 100cm from the NW corner of 14E's meter 11 (90° W of N) due west. The datum plane itself is located exactly 51cm above ground surface at that point.

P95-78-127

PVN95-78-14E-1.65

Lot Summary

1-31-95

Lot:	METER:	Elevations:	surface	NOTES:
01	01	190/190/175/175-200/200/185/185		2, 3
02	01	200/200/185/185-210/210/195/195		2
03	01	210/210/195/195-220/220/205/205		2
04	01			4

2-1-95

Lot:	METER:	Elevations:	NOTES:
05	01	220/220/205/205-230/230/215/215	5, 4
06	01	230/230/215/215-240/240/225/225	5
07	01	240/240/225/225-245/245/230/230	6, 7
08	01	245/245/230/230-255/255/240/240	6, 8, 7
09	24	195/195/185/185-205/205/195/195	8
10	01	255/255/240/240-265/265/250/250	8
11	24	205/205/195/195-225/225/215/215	8, 11, 13

2-2-95

Lot:	METER	Elevations:	NOTES:
12	01	265/265/250/250-275/275/260/260	9, 10, 18
13	02	190/190/185/185-200/200/195/195	9
14	02	200/200/195/195-210/210/205/205	9
15	02	210/210/205/205-230/230/225/225	9
16	02	230/230/225/225-260/260/255/255	9, 11, 12

2-3-95

Lot:	METER	Elevations:	NOTES:
17	03	185/185/170/170-205/205/190/190	12
18	03	205/205/190/190-210/210/210/210	12, 13

P95-78-128

PVN95-78-14E-2 of 5

Lot Summary

2-6-95

Lot:	METER:	Elevations:	NOTES:
19	03	210/210/210/210-210/210/245/245	13,14
20	03	225/225/215/215-245/245/235/235	13,16
21	24	245/245/235/235-265/265/255/255	13,14
22	24	265/265/255/255-275/275/265/265	14
23	04	170/170/140/140-195/195/170/170	15,17,18,43
24	23	195/195/190/190-205/205/200/200	15
25	23	205/205/200/200-215/215/210/210	15

2-7-95

Lot:	METER:	Elevations:	NOTES:
26	23	215/215/210/210-225/225/220/220	17,18
27	05	145/145/125/125-150/150/125/125	18,19,45
28	23	190/190/185/185-195/195/190/190	18,19,20
29	06	105/105/180/180-165/165/185/185	19,24,25,26,27,28,30,32,33,35,36,37,42,46
30	23	195/195/190/190-205/205/200/200	19
31	22	205/205/200/200-220/220/215/215	19,25,26,27,28

2-8-95

Lot:	METER:	Elevations:	NOTES:
32	09	40/40/30/30-60/60/50/50	23
33	22	220/220/175/175-260/260/175/175	23,25,26
34	09	60/60/50/50-80/80/70/70	23,25
35	21	165/165/150/150-170/170/155/155	23,25,27,28
36	08	45/45/40/40-65/65/55/55	25,26

2-9-95

Lot:	METER:	Elevations:	NOTES:
37	08	65/65/55/55-85/85/75/75	26,27
38	10	50/50/40/40-70/70/40/40	27
39	10	70/70/40/40-90/90/40/40	27,28,29

P95-78-129

PVN95-78-14E-3 of 5

Lot Summary

2-10-95

Lot: 40	METER: 20	Elevations: 145/145/140/140-150/150/145/145	NOTES: 28, 29
41	13	120/120/90/90-125/125/95/95	29
42	14	130/130/115/115-150/150/135/135	29
43	14	150/150/135/135-170/170/155/155	29
44	19	130/130/130/130-130/130/140/140	29, 30, 31
45	15	130/130/130/130-150/150/150/150	29, 30, 31

2-13-95

Lot: 46	METER: 18	Elevations: 135/135/135/135-175/175/175/175	NOTES: 30, 33
47	14/15	150/150/150/150-160/160/160/160	31, 32, 34
48	15	160/160/150/150-170/170/170/170	32
49	16	135/135/135/135-205/205/205/205	32, 33
50	17	135/135/135/135-175/175/175/175	32, 33, 34, 35, 43
51	15	170/170/170/170-180/180/180/180	32, 33
52	13	125/125/95/95-210/210/195/195	32, 33, 34, 35, 36, 37, 38, 39

2-14-95

Lot: 53	METER: 19/20	Elevations: 180/180/170/170-190/190/180/180	NOTES: 33
54	18/19	180/180/180/180-190/190/180/190	33

2-15-95

Lot: 55	METER: 11	Elevations: 55/55/45/45-65/65/55/55	NOTES: 35
56	14	170/170/155/155-210/210/195/195	35
57	12	70/70/55/55-80/80/75/75	35, 37, 38, 40
58	11	65/65/55/55-75/75/65/65	35, 36
59	11	75/75/65/65-85/85/75/75	36
60	11	85/85/75/75-95/95-85/85	36, 37, 43

P95-78-130

PVN95-78-14E-4 of 5

Lot summary

2-16-95

Lot: 61 METER: 07 Elevations: 70/70/45/45-140/140/115/115
 62 25 115/115/80/80-150/150/150/150
 63 26 135/135/80/80-170/170/150/150
 64 27 135/135/80/80-170/170/80/80
 65 28 120/120/140/140-170/170/160/160

NOTES: 41, 42, 43, 44

41, 42, 43, 44, 45, 46, 48

41, 42, 43, 44, 45, 46, 48

43, 44, 45, 46, 48

43, 44, 45, 46, 48

2-17-95

Lot: 66 METER: 29 Elevations: 115/115/105/105-165/150/90/90
 67 30 130/130/115/115-175/145/150/165

NOTES: 44, 45, 48, 49⁶⁴

44, 45, 48, 49, 64

2-20-95

Lot: 68 METER: 31 Elevations: 145/145/130/130-180/180/175/145
 69 37 190/190/175/175-220/220/220/220

NOTES: 48, 49, 64

49, 51

2-21-95

Lot: 70 METER: 36 Elevations: 145/145/135/135-180/180/220/220
 71 35 190/190/175/175-220/220/220/220
 72 34 145/145/135/135-180/180/120/120

NOTES: 51, 56

51, 53, 56

53, 56

2-22-95

Lot: 73 METER: 33 Elevations: 190/190/175/175-220/220/220/220

NOTES: 54, 56, 64

2-23-95

Lot: 74 METERS: 32 Elevations: 145/145/135/135-180/180/120/120

NOTES: 56, 64

Lot Summary

2-24-95

Lot: 75	METER: 38	Elevations: 180/180/175/175-210/210/210/210	Notes: 59, 60, 64
76	39	145/145/130/130-210/210/210/210	59, 60, 61, 64
77	40	155/155/150/150-210/210/210/210	59, 61, 62, 63, 64
78	41	145/130/155/140-210/210/210/210	59, 62, 63, 64

3-13-95

Lot: 79	METER: 42	Elevations: 180/180/120/120-210/210/210/210	Notes: 87, 89
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3-20-95

Lot: 80	METER: 19	Elevations: 190/190/190/190-240/240/240/240	Notes: 104, 105, 106
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P95-78-132

PVN95-78-14F-1 of 3

Lot Summary

2-17-95

Lot: 01 METER: 01 Elevations: 195/195/190/190-215/215/200/200
 02 01 215/215/200/200-215/215/220/220
 03 02 215/215/220/220-215/215/230/230

NOTES: 44, 57

45, 57

45, 48, 49, 56, 57

2-20-95

Lot: 04 METER: 03 Elevations: 130/130/120/120-215/215/190/190
 05 04 140/140/130/130-190/190/150/150

NOTES: 48, 49, 56, 57

48, 49, 56, 57, 62

2-21-95

Lot: 06 METER: 07 Elevations: 195/195/190/190-215/215/230/230

NOTES: 51, 53, 56, 57

2-22-95

Lot: 07 METER: 08 Elevations: 130/130/120/120-215/215/190/190

NOTES: 53, 56, 57

2-23-95

Lot: 08 METER: 09 Elevations: 180/180/170/170-250/250/250/250

NOTES: 56, 57, 58, 60

2-24-95

Lot: 09 METER: 10 Elevations:
 10 05

195/145/130/130-160/160/180/180 59, 62, 63, 65, 66, 70, 71

NOTES: 59, 60, 61, 62, 63

2-28-95

Lot: 11 METER: 11 Elevations: 155/165/155/165-240/170/240/170

NOTES: 59, 65, 66

Lot Summary

3-2-95

Lot: 12 METER: 06 Elevations: 120/120/125/125-135/170/145/170

NOTES: 71, 72, 73

3-6-95

Lot: 13 METER: 12 Elevations: 120/120/125/125-155/170/155/170

NOTES: 73, 74, 75, 76

3-7-95

Lot: 14 METER: 12 Elevations: 130/120/130/120-140/170/140/170
15 13 145/145/145/145-235/180/145/235

NOTES: 76

77, 79, 80, 81

3-8-95

Lot: 16 METER: 14 Elevations: 150/150/150/150-240/240/210/240

NOTES: 81, 82, 87

3-10-95

Lot: 21 METER: 10, 11, 12 Elevations: variable

NOTES: 82

~~3-13-95~~

Lot: 17 METER: 15 Elevations: 155/155/155/155-235/220/235/220

NOTES: 88, 90

3-14-95

Lot: 18 METER: 16 Elevations: 160/150/160/150-215/215/215/215

NOTES: 90

3-15-95

Lot: 19 METER: 17 Elevations: 160/150/160/150-215/215/215/215

NOTES: 96, 97, 98

P95-78-134

PVN95-78-14E-3 of 3

Lot Summary

3-16-95

Lot: 20 METER: 18 Elevations: 125/125/120/120-195/195/170/145

NOTES: 98

3-20-95

Lot: 22 METER: 09 Elevations: 255/255/255/255-275/275/275/275
23 16 215/215/215/215-235/235/235/235

NOTES: 104, 105, 106

104, 105, 106

3-22-95

Lot: 24 METER: 06 Elevations: 190/190/190/190-210/210/210/210

NOTES: 111, 112

P95-78-135

PVN95-78-146-1 of 1

Lot Summary

2-24-95

Lot: 01 METER: 01 Elevations: 160/130/170/175-200/200/240/240
02 05 170/160/180/170-200/200/240/240

NOTES: 60,61,62,63,65
61,62,63,65

2-28-95

Lot: 03 METER: 02 Elevations: 120/105/155/115-180/105/180/180

NOTES: 65,66

3-1-95

Lot: 04 METER: 06 Elevations: 120/105/155/115-180/105/180/180
05 03 115/115/70/70-140/135/90/100

NOTES: 67,68
68

3-2-95

Lot: 06 METER: 07 Elevations: 115/115/70/70-140/135/90/100
07 09 170/160/180/170-200/200/240/240
08 10 170/170/170/170-220/220/205/205

NOTES: 70,71
71,72
72,73

3-6-95

Lot: 09 METER: 11 Elevations: 160/160/155/130-205/220/205/220

NOTES: 73,74,76

P95-78-136

PVN95-78-14A-1 of 2

Lot Summary

3-1-95

Lot: 01 METER: 01 Elevations: 135/120/90/105-170/170/110/135
03 01 170/170/110/135-190/190/90/190

NOTES: 67,68,69,70
69,70

3-2-95

Lot: 02 METER: 02 Elevations: 135/120/90/105-190/190/110/135
04 03 150/150/115/115-190/190/145/145

NOTES: 67,68
71,72,73

3-6-95

Lot: 05 METER: 04 Elevations: 130/135/100/85-140/140/140/140

NOTES: 73,74,76

3-7-95

Lot: 06 METER: 05 Elevations: 160/150/160/150-195/195/195/195
07 06 150/110/150/110-195/195/195/195

NOTES: 76
77,79,80

3-8-95

Lot: 08 METER: 07 Elevations: 150/110/150/110-195/195/195/195
09 08 150/110/150/110-195/195/195/195

NOTES: 80,81
81,82,83

3-9-95

Lot: 10 METER: 09 Elevations: 150/110/150/110-195/195/195/195

NOTES: 83

3-10-95

Lot: 11 METER: 10 Elevations: 180/170/150/170-195/195/195/195
12 11 85/75/85/75-145/145/145/145

NOTES: 84
85,87,89

P95-78-137

PVN95-78-14H-2 of 2

Lot Summary

3-13-95

Lot: 13 METER: 12 Elevations: 85/75/85/75-145/145/145/145

NOTES: 89, 91

3-14-95

Lot: 14 METER: 13 Elevations: 85/75/85/75-145/145/145/145

NOTES: 91, 92

3-15-95

Lot: 15 METER: 14 Elevations: 85/75/85/75-145/145/145/145
16 15 65/40/65/40-130/100/100/115

NOTES: 96

96, 97, 98

3-16-95

Lot: 17 METER: 16 Elevations: 65/40/65/40-100/100/100/100
18 17 65/40/65/40-100/100/100/100
19 18 65/40/65/40-100/100/100/100

NOTES: 98

101, 104, 106

101, 104, 107

P95-78-138
PVN95-78-141-1 of 2

Lot summary

3-6-95

Lot: 01 METER: 01 Elevations: 180/180/160/160-250/250/195/195
02 02 165/165/150/150-200/210/180/180

NOTES: 73,74
74,76,77

3-7-95

Lot: 03 METER: 03 Elevations: 175/175/170/170-225/225/225/225
04 04 135/135/110/110-210/210/195/195

NOTES: 77,78
77,78,79,80

3-8-95

Lot: 05 METER: 05 Elevations: 165/165/165/165-230/230/230/230
06 06 135/135/110/110-210/210/195/195

NOTES: 80,81
81,82

3-9-95

Lot: 07 METER: 07 Elevations: 165/165/165/165-230/230/230/230

NOTES: 82

3-10-95

Lot: 08 METER: 08 Elevations: 135/135/110/110-210/210/195/195
09 09 135/135/110/110-210/210/195/195

NOTES: 84
84,85,86,87

3-13-95

Lot: 10 METER: 10 Elevations: 180/180/180/180-250/220/250/225

NOTES: 88,90

3-14-95

Lot: 11 METER: 11 Elevations: 160/145/160/145-250/250/250/250

NOTES: 90,91

P95-78-139

PV95-78-14I-2 of 2

Lot Summary

3-15-95

Lot: 12 Meter: 12 Elevations: 145/130/145/130-190/180/190/180
13 13 195/185/190/180-220/260/260/260

NOTES: 92, 96
96, 98

3-16-95

Lot: 14 Meter: 14 Elevations: 185/175/180/170-215/215/215/215

NOTES: 100, 101

3-17-95

Lot: 15 Meter: 15 Elevations: 185/175/180/170-215/215/215/215
16 16 140/125/135/120-200/185/165/150

NOTES: 101
103, 104

3-20-95

Lot: 17 Meter: 17 Elevations: 130/140/130/140-215/215/160/210
18 18 175/180/175/180-235/255/235/255

NOTES: 107, 108, 109
107, 108, 109

P95-78-140

PVN95-78-145-1 of 1

Lot summary

3-14-95

Lot: 01 METER: 01 Elevations: 150/115/145/110 - 195/195/195/195

NOTES: 91, 92, 94

3-15-95

Lot: 02 METER: 02 Elevations: 115/160/110/95 - 155/95/150/90

NOTES: 94

Lot Summary

P95-78-141

PVN95-78-14K-1 of 1

3-15-95

Lot: 01 METER: 01 Elevations: 120/120/85/85-185/185/185/185

NOTES: 92, 98

3-17-95

Lot: 02 METER: 02 Elevations: 145/105/150/125-155/155/185/185

NOTES: 103, 104

3-20-95

Lot: 03 METER: 03 Elevations: 160/150/160/150-195/195/195/195

NOTES: 106, 108

3-21-95

Lot: 04 METER: 04 Elevations: 160/150/160/150-195/195/195/195
05 05 160/140/160/140-170/160/170/160

NOTES: 108, 109
108, 109

Lot summary

2-28-95

P95-78-142

PVN95-78-14L-1 of 1

Lot: 01 (North Bulk wall - between 14E-04,05 and 14G-01,02)

Elevations: top(S) - 115 cm bd

top(S) - 180 cm bd

bottom(N) - 170 cm bd

bottom(N) - 225 cm bd

NOTES: P95-78-66, 67

Lot: 02 (South bulk wall - between 14E-18-23 and 14F-1-6)

Elevations: top(N) - 125 cm bd

top(N) - 185 cm bd

bottom(S) - 185 cm bd

bottom(S) - 255 cm bd

NOTES: P95-78-68

March 27, 1995 Christian Wells
Subps. 17E/L IH = 1510

Prepared By	Initials	Date
Approved By		

	1	2	3	4	5	6
	POINT	Z	MID	DISTANCE		
1	Ox tun nai - SE Central edge	1 ✓ 36°15'	2711	9.92		1
2	E. edge Yax Halach	2 ✓ 54°15'	2245	8.25		2
3	NE corner U Yokel Te' Bakil	3 ✓ 55°30'	2032	8.01		3
4	W. Edge Yax Halach	4 ✓ 30°	2222	6.44		4
5	NW corner U Yokel Te' Bakil	5 ✓ 29°45'	2071	5.84		5
6	E. edge U Yokel Te' Bakil	6 ✓ 16°45'	2051	4.99		6
7	SE corner U Yokel Te' Bakil	7 ✓ 18°	2001	4.55		7
8	NE corner Lakam Tunob	8 ✓ 28°45'	1656	4.39		8
9	W. edge Lakam Tunob	9 ✓ 22°	1850	3.84		9
10	NW exterior corner Lakam Tunob	10 ✓ 28°15'	1689	3.90		10
11	NW corner Nim Tunob Xaman	11 ✓ 38°15'	1174	2.43		11
12	W. edge Nim Tunob Xaman	12 ✓ 55°	1171	1.86		12
13	W. edge Lakam Tunob	13 ✓ 40°15'	1622	1.55		13
14	NW exterior corner Kann Muk (bottom)	14 ✓ 39°45'	1454	4.44		14
15	NW exterior corner Kann Muk (top)	15 ✓ 44°	0980	4.48		15
16	NW corner Tza Muk	16 ✓ 40°15'	1771	5.88		16
17	NE corner Tza Muk	17 ✓ 43°30'	1772	6.15		17
18	SE corner Tza Muk	18 ✓ 49°30'	1676	5.31		18
19	center of Lakam Tunob (skulls)	19 ✓ 51°45'	1824	5.60		19
20	back center of U Yokel Te' Bakil (skulls)	20 ✓ 49°	1940	5.86		20
21	center of U Yokel Te' Bakil (skulls)	21 ✓ 46°30'	2052	6.18		21
22	NE exterior corner of Kann Muk	22 ✓ 61°	1055	5.79		22
23	N. edge of Katin Bak	23 ✓ 53°30'	1196	6.31		23
24	N. edge of Nim Tun Speten	24 ✓ 60°	1474	6.31		24
25	NE corner Nim Tun Speten	25 ✓ 66°	1883	7.72		25
26	NE edge of U Yokel Te' Bakil	26 ✓ 61°30'	2125	8.21		26
27	NE exterior of U Yokel Te' Bakil	27 ✓ 64°15'	2252	8.82		27
28	NE corner Chan Way	28 ✓ 67°15'	1092	6.10		28
29	SW corner Chan Way	29 ✓ 72°30'	1039	5.34		29
30	NW corner Yotat Chan	30 ✓ 82°	0907	5.84		30
31	NE corner Yotat Chan	31 ✓ 81°	1216	6.42		31
32	SW corner Yotat Chan	32 ✓ 107°45'	1216	5.61		32
33	SE corner Yotat Chan	33 ✓ 108°	1267	5.95		33
34	E. edge of Bacab	34 ✓ 115°30'	1139	5.25		34
35	S. central edge - Bacab	35 ✓ 124°30'	1159	4.01		35
36	Tan Witz	36 ✓ 92°30'	0467	4.05		36
37	S. central edge Nim Tun Speten	37 ✓ 130°45'	1495	4.21		37
38	SE corner Nim Tun Speten (top)	38 ✓ 118°15'	1642	6.46		38
39	SE corner Nim Tun Speten (bottom)	39 ✓ 118°30'	1913	6.72		39
40	SE corner Tzap Pop	40 ✓ 97°	2153	7.10		40

March 27, 1995
Subops 14 E/L

Christian Wells

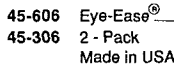
14-1510

Prepared By	Initials	Date
Approved By		

		4	Mid	Distance
1	SE corner of Vaxak Tun Tzukah	✓ 97°45'	2297	7.60
2	NE corner of Tzap Pop	✓ 76°45'	2260	7.85
3	NE corner Vaxak Tun Tzukah	✓ 78°	2274	8.21
4	SW edge of Nim Tun Speten	✓ 161°45'	1641	2.85
5	SW corner of Nim Tun Speten	✓ 177°30'	1773	2.56
6	E. edge of Nim Tun Speten	✓ 168°45'	1818	1.61
7	NE corner of Tan Witz	✓ 88°30'	0457	4.55
8	N. central edge of Tan Witz	✓ 87°45'	0442	3.74
9	Datum Elevation		0137	
10	SW central edge of Ox tun nal	✓ 31°45'	2735	10.03

PD 14 to PD 16

314°15'	1384	11.53
	1153	16.14



March 27, 1995
Supobs 14 E/L

Christian wells

$$1H = 1510$$

	Initials	Date
Prepared By		
Approved By		

		&	Mid	Distance
1	Eb	✓ 172°30'	2724	1259
2	Top S edge of Yax Speten	✓ 172°15'	2367	12.08
3	SW corner of Yax Speten	✓ 179°15'	2611	12.04
4	S. edge of Kan Tunob	✓ 164°15'	2359	12.27
5	Center of Kan Tunob	✓ 163°45'	2234	11.88
6	SW corner of Nim Speten	✓ 163°30'	1155	11.76
7	NE edge of Kan Tunob	✓ 162°30'	2050	11.34
8	NW edge of Kan Tunob	✓ 165°20'	2040	11.15
9	SW corner of Nim Speten	✓ 179°30'	2174	11.04
10	W. edge of Yax Tunob	✓ 179°15'	2460	10.19
11	W. edge of Tan Speten	✓ 176°30'	2284	9.95
12	W. edge of Wak Tunob	✓ 174°30'	2156	9.74
13	W. central edge of Nim Speten	✓ 179°	2285	9.60
14	NW corner of Nim Speten	✓ 179°45'	2235	7.80
15	NW edge of Muk Nal	✓ 177°	1887	7.81
16	SW corner of Muk Nal	✓ 177°	1753	9.50
17	SE corner of Muk Nal	✓ 165°30'	1636	9.74
18	E. edge of Muk Nal (side of doorway)	✓ 164°30'	1523	9.15
19	NE edge of Muk Nal (side of doorway)	✓ 163°	1595	8.13
20	Pop	✓ 163°	1813	8.85
21	W. central edge of Yax Ebob	✓ 179°	1487	7.25
22	NW exterior corner of Yax Ebob	✓ 179°30'	2366	6.83
23	W. edge of Tan Nal (bottom)	✓ 170°30'	2209	6.45
24	Center of Tan Nal (top)	✓ 167°	1817	6.40
25	E. edge of Tan Nal (top)	✓ 158°30'	1696	6.75
26	NW edge of Bah Tan	✓ 154°	2063	7.19
27	NE edge of Bah Tan	✓ 151°45'	1865	7.48
28	W. side of Bah Tan (center)	✓ 152°45'	1765	8.12
29	W. central edge of Chab Kin	✓ 174°30'	2279	7.74
30	N. central middle of Chab Kin	✓ 163°15'	2259	6.84
31	SW corner of Totat Yax	✓ 161°	1930	10.09
32	NW corner of Tok Speten	✓ 158°45'	2301	10.69
33	SW corner of Tok Speten	✓ 161°30'	2562	12.04
34	S. central edge of Tunob Tzukah	✓ 159°	2764	12.69
35	S. east exterior of Tunob Tzukah	✓ 153°30'	2771	12.94
36	NE edge of Tunob Tzukah	✓ 150°45'	2706	11.62
37	NW edge of Kan Tzukah (top step)	✓ 153°15'	2682	11.41
38	NE edge of Tok Speten (S. edge of doorway)	✓ 154°	2612	12.21
39	SE exterior corner Tan Speten Bacab	✓ 150°30'	2356	11.35
40	E. edge of Tan Speten Bacab	✓ 149°	2325	10.78

March 27, 1995
Subops 14 E/L

Christian Wells

1H=1510

	Initials	Date
Prepared By		
Approved By		

	1	2	3	4	5	6	
				#	Mid	Distance	
1				41 ✓ 146°45'	2453	11.29	1
2				42 ✓ 145°15'	2781	11.60	2
3				43 ✓ 141°30'	2648	10.36	3
4				44 ✓ 172°30'	2320	07.75	4
5				45 ✓ 167°30'	2193	07.08	5
6				46 ✓ 154°30'	2204	07.70	6
7				47 ✓ 181°45'	2139	05.04	7
8				—	2620		8
9							9
10							10
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39							39
40							40

Beginning excavations in the south group near the lip of a large depression, believed to be a clay borrowing pit of some kind. After a brief survey of the area, I chose four "rock clusters" - subsurface structures (possibly) that exhibited "good evidence" for further investigation. Initially working under the hypothesis that these structures are related to, in some way, the large depression facing roughly to the east ["ceramic production zones"].

According to the map, I'm diggin in Operation 43, structures R, 1A-69, AI, and IC-1 - however, I'm uncertain that I'm really in 1A-69 and AI. Suboperations will then be as follows:

follows: R = A
 "1A-69" = B
 "AI" = C
 IC-1 = D - o.k.

} wrong (4/30/95)
 see
 P95-78-216

Set up trenches for each structure and defined the limits of each, measuring the "scatter" in terms of ^{large} embedded rocks visible on the surface. By this, then, R is about 9M x 9M (with a 9M trench running 90° E of N (due E)), 1A-69 is about 7M x 5M (with a 7M trench running 112° E of N), AI is about 6M x 5M (with a 6M trench running 140° E of N), and IC-1 is about 14M x 14M (with a 14M trench running 50° E of N). All ~~initial~~ trenches are aligned with a direction facing directly to the depression (for continuity).

[See P95-78-¹⁴⁴~~145~~ for map/plan of area showing structure-structure relationships]

All trenches are hoped to be axial and cutting the structure at 90° x 90° - but may later find this to be wrong.

PPS-78-00
3/28/95
#78

Map of general spatial relationships
of mounds/scatter groups to each
other, as well as to depression

[see PPS-78-216
structure designations incorrect]

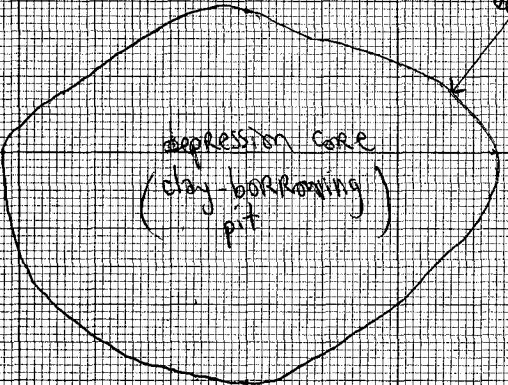
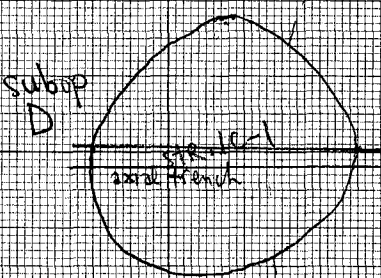
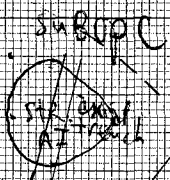
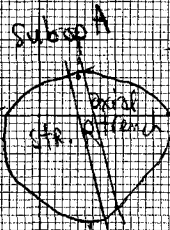
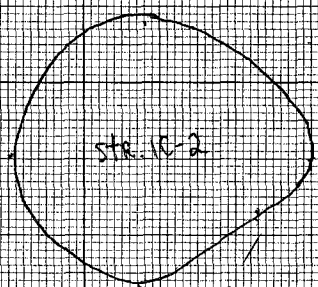
scale

2M²

N
(Mag.)

OP. 43

Natural
terrace
boundary



depression
decline

No surface collection taken on A, B, C, or D - only stones present on surface, thus, beginning lots: 43A/01, 43B/01, 43C/01, 43D/01 - all 1Mx1M² units - A, B, and C beginning closest to the depression in trench limits (SE traveling W) and D beginning closest to the depression in trench limits (N traveling S). Have eight workers - starting 2 on each trench.

Finished lot 43A/01 (down 10cm) yielding large ~~flint~~ ^{flint} sherds, and one obsidian medial blade segment. Leaving all stones in place for now (as with all lots in subops). Soil is very dark black, somewhat moist, and very loose. Beginning 43A/02 - down 10 more cm. Going very slowly and keeping control of excavations, looking for architecture and stratigraphy.

Finished lot 43B/01 (down 10cm) yielding ceramics (potsherds, jar handles, possible figurine fragments) and large pieces of bajareque. Ceramics don't appear at this point to be related to any type of heavy or special concentration or midden - but are rather numerous none-the-less (for being only 10cm). Soil is same as described above - this all may be a very large humus layer as plant/tree growth in the area is rather abundant. Beginning 43B/02 - going down 10cm

Finished lot 43C/01 (down 10cm) yielding similar artifacts as those found in lot 43B/01 (see above). Beginning 43C/02 in the fashion outlined above.

Finished lot 43C/02 (workers are zealous this morning!) - yielding more ceramics and more bajareque - nothing apparently unusual or unique. Beginning 43C/03 - down 10cm more in same unit (01).

More mound information:

- subop: A = 90-120 large/medium stones exposed (no visible alignments)
~20cm high
built on natural (?) terrace and on lip/inside of depression
- B = 20-25 large/medium stones exposed (no visible alignments)
~5cm high
built on natural (?) terrace and on lip/inside of depression
- C = 15-20 large/medium stones exposed (no visible alignments)
~5cm high
built on natural (?) terrace and on lip/inside of depression
- D = several hundred large/medium stones exposed (terrace alignments visible)
~1.5-2 M high
built on natural (?) terrace on top edge of decline into depression

Isolated human (?) or cow (?) bone found in 43A/02 @ ~15cm below ground surface - one large piece - very white, with long striations running through - very fine and found in and around potsherds. [40cm from NW corner down SW edge - extends out ~15cm from edge] - poorly preserved - not able to map - only a "dense" concentration of material.

Found a lovely figurine ("viejita") of an old woman - not too broken up - made all of clay - looks like Ticoro paste material - somewhat orange; polished. Found about 15cm below near bone matter. May have been a pito (whistle), but that part is broken off. About 7cm x 5cm (to hunch back). Small holes "drilled" in all over back - on limbs mostly.

Finished 43D/01 yielding only a small amount of ceramics. May be coming upon architecture, for sure it's tumble. Going down another 10cm - for lot 43D/02.

Finished 43A/02 yielding ceramics, bone/human, and obsidian, and chert and possibly pearlite fragments. Possible architecture emerging - a corner of a structure? whatever it is it seems to be only one or two stones high. Going down another 10cm for lot 43A/03

Finished 43C/03 (unit 1) yielding ceramics, bone/regue and obsidian. Nothing special to note - some "fumble" removed. Beginning 43C/04-10 more cm down, same unit. No really marked changes in soil, although for sure getting harder.

Continuing excavations in 14A/03, 14B/02, 14C/04, and 14D/02.

Finished 14A/03 yielding ceramics, bajareque, and obsidian - nothing unusual to note - except these excavations seem to be on domestic-style units and not the "production" oriented mounds I was hoping for. Still, very little has been uncovered as of yet.

Finished 14B/02 - yielding ceramics, obsidian, bajareque.
Finished 14D/02 - yielding ceramics and bajareque.

Sils aren't changing "dramatically" yet. Bajareque is sort of burned, but certainly not "melted" like I saw in Geros's excavation in the north group. Ceramics are "midden-style" material - small broken bits of Ticabo and La Champa wares - not like mis-fired clay "slag" in April's excavations in the north group.

Beginning 43A/04, 43B/03, and 43D/03 - going down another 10cm. Getting increasingly difficult to dig in 43A (unit 01) - due to large amounts of tumble/rubble that I want(ed) to keep in place.

Finished 43A/04 yielding large amounts of ceramics (especially Ticabo), very used obsidian blades, and small amounts of bajareque. Can't go down much further due to tumble - moving up a unit to unit 02, lot 43A/05.

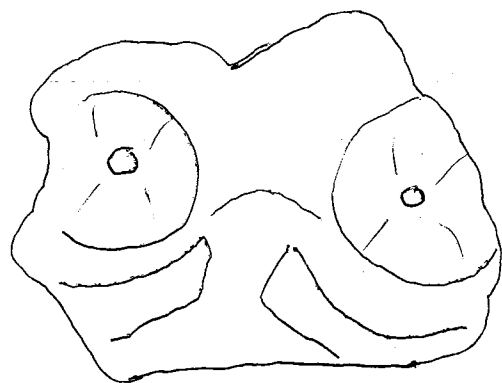
Finished 43C/04 yielding ceramics and bajareque. Continuing down 10cm - running into very thick and moist clay-like "soil," for lot 43C/05

Finished 43B/03 yielding an interesting array of artifacts: large amounts of ceramics (of many types), obsidian, bajareque, and ground stone (a very well used/smoothed mano - large frag., vesicular Basalt).

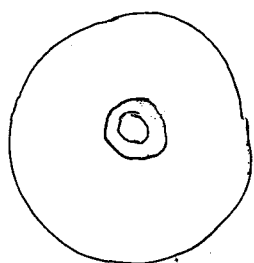
Figure fragments found in 43B/03:



head - solid, Jicaró-type
paste - fired orange, unslipped.
(actual size)



breasts with hands - possibly
of the head piece found. Jicaró-
type paste but with mica inclusions.
Fired orange, unslipped, no core.
(actual size)



Spindle wheel - orange
paste, polished/burnished
(actual size)

Finished 43B/03 yielding ceramics and bijouregue in small
amounts. Nothing terribly unusual. Beginning 43B/04 - down 10
more cm in same (unit or).

Each subop seems to be rather distinctive at this point:
A has large amounts of tumble and architecture/construction to match.
B has the widest variety of artifacts including Plan de Portillo (post-flaking incision) ware, figurines, ocarina frags., ground stone, shell, and now in the SE corner of the lot B/04, a large deposit of burned bajareque. C has almost no tumble, very few artifacts, and coming down on an ash lense. D's soil is quite distinctive at this point - consisting of very large, almost unbreakable chunks of dark, black clay - very few artifacts encountered so far.

Finished 43A/05 yielding: ceramics, obsidian, chert, bajareque

Finished 43B/04 yielding: ceramics, shell, bone (faunal), bajareque.

Finished 43C/05 yielding: ceramics (only some 8 pieces)

Beginning lot 43A/06 in meter 01 - removing tumble - down 10cm

Beginning lot 43B/05 in meter 01 - down 10cm

Beginning lot 43C/06 in Meter 01 - down 10cm

43B's soil is changing @ ~ 50cm bgs to a brown, sandy type - much like was seen in the north group excavations. 43C's soil has reached a layer of ash - white/light gray. 43A & D are unchanged.

Finished 43D/04 yielding ceramics, chert, and obsidian (in low amounts)

Finished 43C/06 yielding ceramics, quartzite, and shell (in low amounts)

Finished 43A/06 yielding very large midden-like amounts of ceramics of the Jicars family - Jicaro Grp., Jicaro, Robledo, Gutierrez, etc., La Champa Paste-type wares like La Champa and conejo Bichromes (no imports found as of yet), quartzite, and bajareque.

Beginning 43D/05 - same unit, down 10 more cm, 43C/07 - same unit, down 10 more cm (I think we're approaching sterile here), and

43A/07 - same unit (01) - down 10 more cm in SE-NE section about 60cm x 1M in front of rubble/tumble.

Finished 43A/07 yielding ceramics and bazarque, still in midden-like fashion. Finished 43B/05 yielding shell, obsidian, bazarque, and ceramics. Finished 43C/07 - yielding but a few potsherds and a soil sample taken (#1) of ash-compound. Finished 43D/05 yielding a few potsherds and some nice brown chert (a decort/core rejuv. flake).

Beginning 43A/08 - unit 01 - down 10cm

Beginning 43B/06 - unit 01 - down 10cm

Beginning 43C/08 - unit 01 - down 10cm

Beginning 43D/06 - unit 01 - down 10cm

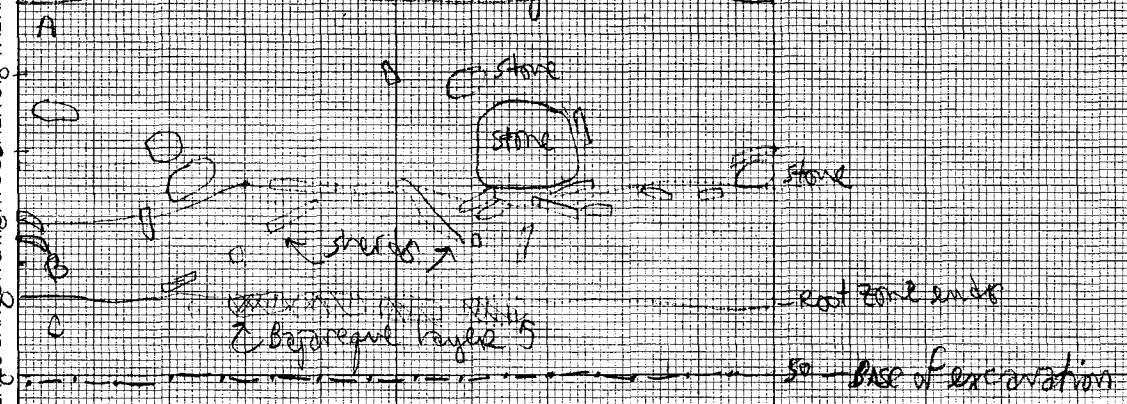
[Mapped soil stratigraphy - see P95-78-152] There appears to be two main divisions - the top humus layer which is dark gray/black as expected, and then a dark black, thick and compact (very hard) clay layer. In 43C, we may be coming down onto an ash layer as well, but that remains to be seen.

Initial soil profiles in
unit of excavations for
each subop

PIS-78-152
3/19/95
#78

43A

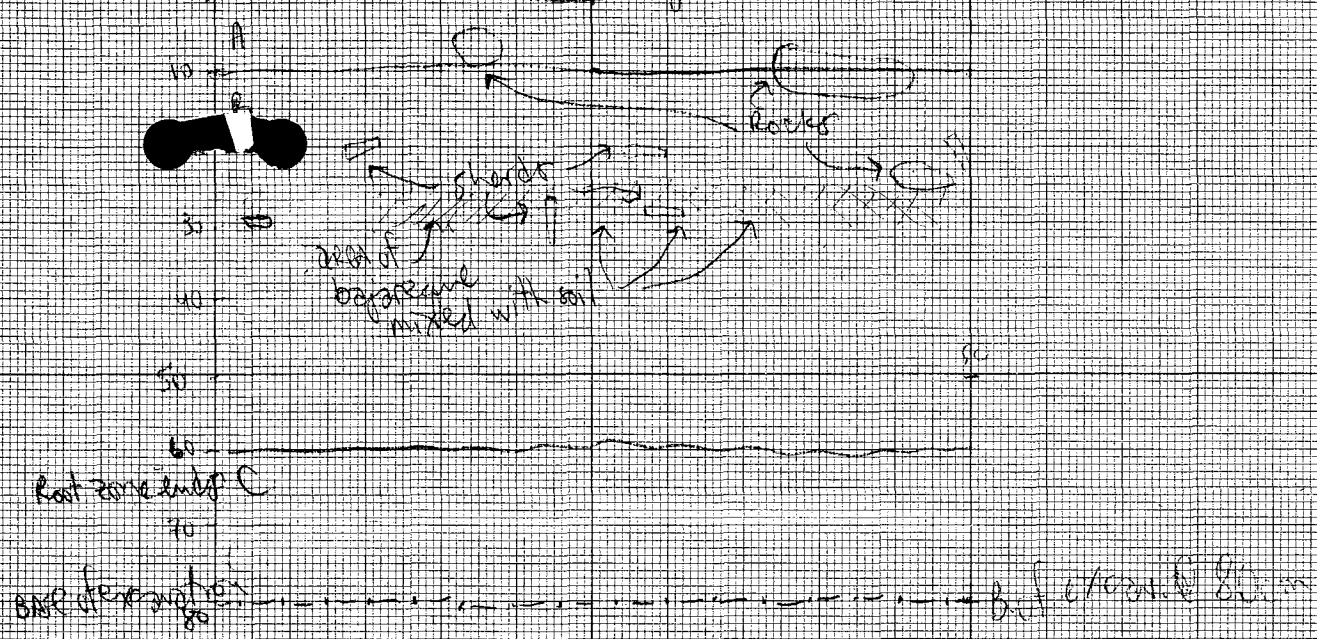
ground surface



A = humus - black, moist, soft soil
B = dark black, loose, dry soil
C = light brown, fine textured, base soil (ASH-like)

43C

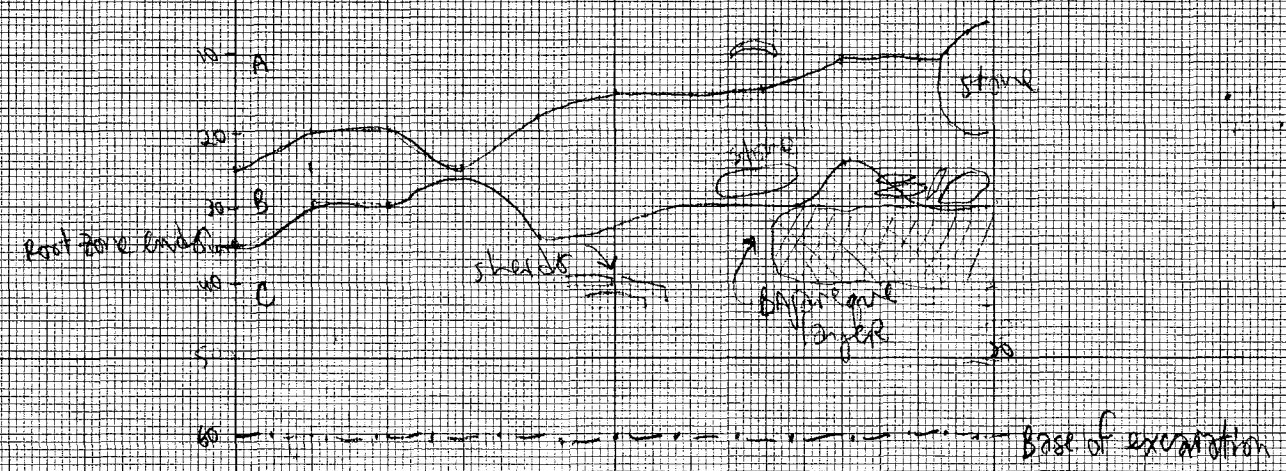
ground surface



A = humus
B = dark gray, fine base soil
C = light brown, fine base soil with white
clay fleck inclusions

43B

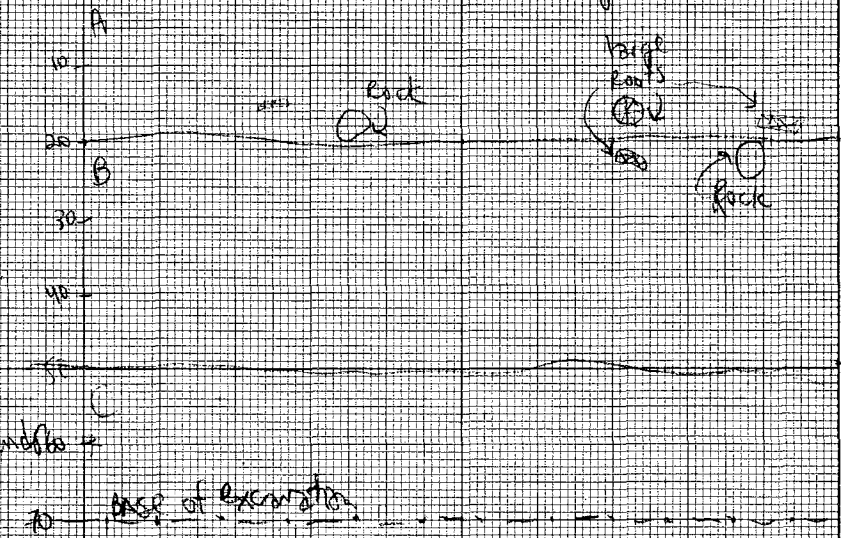
ground surface



A = humus - black, moist, soft soil
B = dark gray, fine, loose soil
C = light brown, loose soil / ASH

43D

ground surface



A = humus - black, moist, soft soil
B = dark black, hard, compact clay
C = dark brown, compact clay with white
clay fleck inclusions

Continuing excavations in 43A/08 (unit 01), 43B/06 (unit 01), 43C/08 (unit 01), and 43D/06 (unit 01).

Finished 43A/08 (unit 01) yielding ceramics and bajareque. Now taking out the tumble in the rest of this unit because I'm sure that it's just tumble - it seems to be "sitting on a floor" of some kind - with bajareque, hard clay, sherds, etc. Beginning lot 43A/09 - taking out tumble to floor. Already encountering such huge amounts of sherds, plates, stamps, applique vessels, ... this area has been declared a midden zone.

Finished 43B/06 (unit 01) - also encountering an abundance of ceramics - but not so heavy as in 43A excavations; also found shell and bajareque. Starting 43B/07 (unit 01) - 10cm down.

Finished 43D/06 (unit 01) - yielding less than a handful of "icky" sherds and some chert (the chert from this unit has been of rather high quality). Going down 10cm more - looking/hoping for sterile.

Have taken clay samples from 43D excavations - between 50 and 70 cm below ground surface - for analysis, pollen count, and refiring experiments. (Samples #1 & #2).

Found a cylinder vase base in 43B/07 along west wall at 80cm below ground surface in association with faunal remains - vase may be burned on bottom. Also encountering ASH at this level.

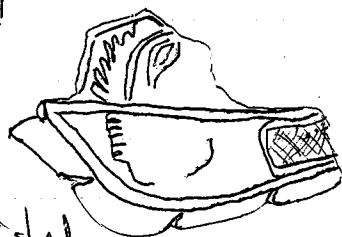
In 43C excavations, looks like ash "tube" is ending, and we're arriving at sterile (@ ~90cm bgs).

In 43B/07, just found a beautiful piece of carved bone
(see below)

carved bone
in 43B/07

(actual
size)

highly polished



Have taken another ash sample from 43C/08 @ ~90cm
bgs. Ash "tube" seems to turn into a full layer. Stopping
at this depth - moving "up" the trench to Unit 2 for
43C/09 - down 30cm to start.

Finished 43D/07 with even fewer sherds - 4 or 5 -
considering it far enough and moving "up" the trench to
Unit 02 for 43D/08 - down 30cm to start.

Finished 43B/07 yielding large amounts of ceramics, carved bone,
bone (faunal), bajareque, and obsidian. Soil has changed - it
is now very fine - light-medium brown. Moving "up" - to
unit 02 - going down 30cm - trying to follow stratigraphy
and the level of fall / sherd deposits I can see in the
profile. This will be 43B/08.

Finished 43A/09 yielding ceramics in very large amounts,
an abundance of "good quality" chert, quartzite, peridotite,
and obsidian, and bajareque - clearing out rest of
unit 01 of tumble debris - following a layer of bajareque
and sherd deposits that is about 40cm below ground surface -

this will be 43A/10 (unit 02).

Running into all kinds of tumble and medium-large stone debris in all subops - close to some type of architecture - don't know if it'll be circular, square, or whatever - Initial excavations will be rather slow. Looking at the roof tile making "factory" production on the way home in regards to spatial relationships - the clay borrowing pit is very close to the houses, but slightly farther away from the ovens/kilns. Initial excavation plan here includes test-trenching on all four sides of the depression here and one 2m x 2m x 2m pit in the center - of course this is subject to change.

Taking a "soil" sample from 43C excavations @ ~ 20-30cm bgs in unit 02 encountered what may be a stone lined (and paved?) circular structure. Soil coming out is about a 1:1 mixture of burnt bajareque and hard compact soil.

Finished 43D/08 yielding the usual crappy ceramics, and some bajareque. Encountering large tumble. Moving up to Unit 03 for 43D/09 - down as far as tumble permits.

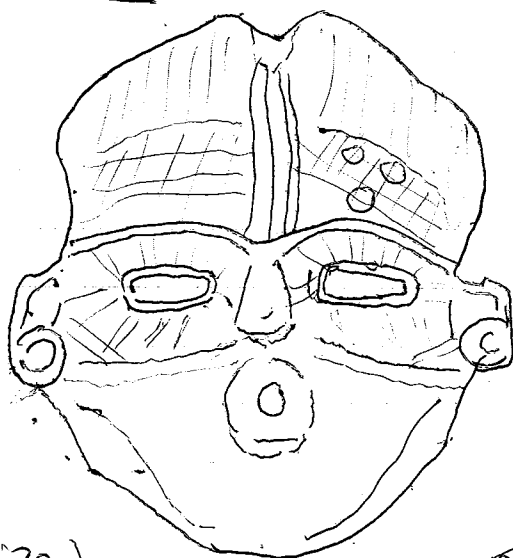
Finished 43A/10 yielding extremely large amounts of ceramics, chert, obsidian, a very nice set of GRAB's claws, bajareque, and shell. May have isolated a wall of some sort running N-S - perpendicular to the trench - moving up to Unit 03 and down ~30cm bgs for 43A/11.

Continuing excavations in 43A/11 (unit 03), 43B/08 (unit 02), 43C/09 (unit 02), and 43D/09 (unit 03).

Finished 43~~B~~^C/08~~9~~⁹ (unit 02) yielding large amounts of burned bajareque (although not "superburned"), ceramics, obsidian, ^{chert} and pink pigment/chalk (?) rock fragments. Beginning 43~~B~~^C/0~~9~~¹⁰ in unit 03 moving "up" the scatter towards the center - expect more tumble and (hopefully) more of this strange Bajareque-soil. Finished 43B/08 (unit 02) yielding ceramics, bajareque, chert, and obsidian - most of the figurine fragments have come from this unit and unit 01 of this subop (B). Moving "up" towards the center to unit 03 for 43B/09 - down to tumble/-30cm bgs. (Also found in 43B/08 - a cut-block fragment (bagged & tagged), and groundstone - a metate fragment)).

Found a large intact figurine head in 43A/11 (see below)

Figurine head in
43A/11



(actual size)

"orange mica-based paste; polished, possibly depicting the "flayed one" - seems to be wearing a mask (of skin?).

Finished 43D/09 (unit 03) yielding a few potsherds and some obsidian. Also possibly uncovered a basal terrace/platform wall (?) - however - its running at about 45° E to our 90° trench - which would mean a trench reorientation. This may be the case, as it would have the structure facing into a plaza lined with other possible elite residences. Going up another unit to see what happens - unit 04 - lot 43D/10 - down to rubble.

Finished 43A/11 yielding ceramics, chert, obsidian, quartzite, shell, and bajareque - went down to a possible living surface(?) - uncovering no architecture and still in a midden-like zone. This questions my earlier found wall and suggests its just my imagination and we're still extramural... Starting 43A/12 in unit 04 - going down 30-40cm to "floor" (consisting of a layer of bajareque material overlain by a layer of ceramic material).

Finished 43B/09 yielding ceramics, bajareque, obsidian, chert, shell, and a piece of possibly etched stone (a large piece of quartzite in the shape of a turtle carapace with concentric lines etched in). No more definition on architecture starting 43B/10 in unit 04 - down to about the same level. The "floor" in this suboperation is less well defined, but I'm assuming its 30-40cm bgs.

Finished 43D/10 in unit 04 with contradictory evidence suggesting we did hit the structure perpendicularly - this lot yielded ceramics and bajareque in small amounts. Going to "terrace chase" next to either side to see where to go next.

Continuing excavations in 43A/12 - unit 04 - looking for architecture and will go no lower than ~40cm bgs. I believe I found a wall on the SW edge of unit 03, but don't know yet.

Continuing excavations in 43B/10 - also in unit 04 - also looking for architecture - encountering much tumble, but no signs of anything real, yet.

In 43C, cleaning tumble from unit 03 (lot 10) and will then move to unit 04, lot 11. Trying to discern architecture within this semi-circular appearing area, but not sure what's going on. In lot 11, will go down no more than 30-50cm bgs, and look for architecture as usual.

In 43D, removing tumble and wall-fall debris in units 02-04. After some "trenching" - have decided for right now to keep axial trench at its present orientation - clearing tumble to supposed lines - looking for architecture - down 30-40cm bgs. Will begin in unit 05, lot 11, when finished, with similar goals.

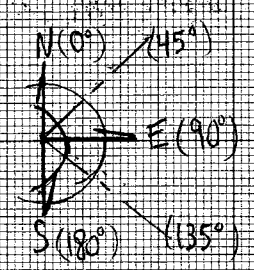
[See P95-78-~~158~~¹⁵⁹ for plan of trenches with unit numbering system]

Finished 43C/10 yielding ceramics, bajareque, obsidian, chert, shell, ground stone (metate fragment), and a soil sample (#1) taken - of the bajareque/soil. Beginning lot 11 as discussed above, in unit 04.

Beginning 43D/11 as discussed above, in unit 05. (Continuing 43A/12 and 43B/10), 43D/11 will be a "clean-up unit" encompassing ~~units~~ 02-04. Artifacts found inside and below layers of tumble - 43D/12 will be in unit 05.

Op 43
subops A-D

UNIT PLAN OF
AXIAL TRENCHES



[A] (at 90° E of N)

09	08	07	06	05	04	03	02	01
----	----	----	----	----	----	----	----	----

[B] (at 112° E of N)

07	06	05	04	03	02	01
----	----	----	----	----	----	----

[C] (at 140° E of N)

06	05	04	03	02	01
----	----	----	----	----	----

[D] (at 150° E of N)

14	13	12	11	10	09	08	07	06	05	04	03	02	01
----	----	----	----	----	----	----	----	----	----	----	----	----	----

Excavated the "wall" isolated in 43A, units 01/02 and found it to be more trash/fill of the midden zone. Found a great human effigy handle of a censer. This will be kept separate as lot 43A/13 - a "clean-up" lot. Continuing excavations in 43A/12, unit 04 - may have isolated a wall - much better looking! Three courses discernable at present, and a possible corner with adjoining wall. The initial plan must be to isolate everything remotely possible architecture in the initial axial trench and come back later, when expanding, and take out what is not architecture as "clean-up" lots - otherwise it seems I'll be left with only a pile of rocks, a pile of dirt, and a pile of artifacts.

More figurine fragments found in 43A (lot 12, unit 04) excavations - also definitely found a wall running ~N-S at ~90° through my axial trench in-between units 03 and 04 - continuing excavations in unit 04 to about 40cm bgs.

Have reached 40cm bgs in 43B/10 - only to find a thick layer of ash and a strange "soft-spot" hole that descends several cm below this level - continuing excavations in this unit and lot until about 60cm bgs.

Have decided that I've found either two walls joining with a corner - or a circular/semi-circular structure. Have decided to clear the surface of the next unit (unit 05) and excavate fully unit 06 and work backwards - it's just too confusing at this angle! [43C excavations]

With more excavations and "trawling around" - still haven't decided to reorient 43D axial trench, but probably will not (no time!).

Preliminary Predictions:

I'm working under the hypothesis that this area is one of ceramic production, although ~~not~~ the extent of which is not predicted, as there are no presently interpretable indicators. This hypothesis is based on three main points: (1) through excavation and ceramic analysis carried out by P. Urban, E. Schortman, M. Ausc, and E. Bell, it seems as though most peripheral elite sites in the Naco Valley are "importing" their pottery "locally" (most presumably from La Sierra, which would have acted as a "control site"), (2) the large depression was determined, by test-pit excavations and geomorphologist evaluation, to be an area rich in natural clay deposits (underlain by a limestone aquitard) - hence, a possible "clay-borrowing" pit, and (3) Test-pit excavations and looter's pits have revealed evidence that this area once maintained ceramic manufacture on a "more-than-local-need" scale. [NOTE: A possible 4th reason is one just encountered by P. Urban at the Texas, Austin conference, 1995 - although not entirely understood, it seems as though new "translations" of texts at Quirigua that hint at connections to Tikal in the 2nd/3rd facet of the Late Classic - Post Classic - also suggest (in some way!) that La Sierra was exhibiting "most favored site" trading with the Motagua Valley at this time - especially in ceramics - stamps, figurines, molds, etc.]

So it would seem that this area is a "good candidate" for being an area of ceramic production. What these excavations hoped to discover are "what is to be expected at such a site." "What is to be expected" are the following predictions I make based on reading, personal experience, and ethnographic studies carried out here in the Naco Valley, and throughout Mesoamerica.

These predictions are as follows: (1) this site should have the associated architecture attributed to a "ceramic production center" (i.e. kilns, storage areas, local housing for those who operate the kilns); (2) this site should have archaeologically visible cultural material remains of such a production center (i.e. potsherds, figurines, stamps, molds) and furthermore, these artifacts should be found both as terminal debris and in the context of sizeable middens that may reflect the degree of production; (3) this site should exhibit "common spatial relationships" as observed in the ethnohistoric/ethnographic record (i.e. the kilns should not be adjacent, or "very close" to the houses; the borrowing pit, kilns, and storage areas should be "relatively close" to one another; the storage areas should be "relatively close" to the houses).

With these predictions, I dig. Phase I excavations include testing the west side and the south side of the depression. Phase II excavations include testing the east side and the center of the depression. Phase III excavations will concentrate on the northern area of the depression. Each "phase" of excavations are approximately 3 weeks (15 days) of excavation with 8 workers - overlapping is bound to occur.

[Note: There exists an area adjacent to this depression to the east - also thought to be a clay-borrowing pit - but this depression lacks the visible remains as seen here, has many areas that have been looted or eroded to the point of losing sizeable information, and does not seem to exhibit the same potential (i.e. it is filled with low brush, mostly weeds; my depression is the home to many trees and abundant floral life).]

Furthermore: A host of questions arise as I dig - and I hope to answer a good many of them as well as generate new questions and suggestions for future research. What was the depression used for? At what time was it used? In what way was it used? If it was used for ceramic production, was this clay used for only select vessels or figures, etc.? Is there just one type of clay in there? How deep does it go naturally? How deep was it exploited in Pre-Columbian times? What are the structures surrounding the depression - their forms, functions, chronology? During what period / periods were these structures in use? And compared to the already discovered kiln across from the north group - contrasts / comparisons? If this is a ceramic production site, how big was it? Where did the exports go? What was exported? What was kept for local consumption? How did the kilns operate? Was there a "system" of production? Was there a mode and/or means of production? How would these exports relate to interregional / intersectoral interaction? And so on.....!

As of now, progress is much slower than ^{was} hoped for. This, I think, has been due to the unpredictable orientation of the structures, the new workers' interactions among themselves, and the initial 1m x 1m excavations which consisted of 10cm levels for about 50-80 cm - going very slowly with lots of notes and mapping. Hopefully this week will speed things up (hopefully more workers will come, and better tools bought!). 43A has yielded the first "wall" discovered so far and seems to be an area of a dense midden zone. 43B has yielded very little tumble and no architecture, but also rather

abundant and diverse artifacts - now turning up sizeable ash deposits. 43C has offered relatively little artifacts compared to 43A & 43B - but still a "good size" collection, nonetheless. It has also exhibited some of the most undiscernable architecture yet. All three, A, B, AND C, have an interesting layer of bajareque at about 30-40 cm below ground surface. Finally, 43D has apparently been oriented about 45° too east! I don't believe I have the time nor the patience to re-orient~~ed~~ at this stage - well see! Artifact-wise - I think I can fit all the sherds, bajareque, obsidian and chert into my back pocket - there's so few!

Continuing excavations in 43A/12, 43B/10, 43C/11, and 43D/12.

43A/12 intramural excavations are yielding sizeable amounts of terminal debris; 43B/10 is yielding an ash layer - very deep, with large amounts of bones and shells; 43C/11 is currently postponed to begin excavations in 43C/12 - unit 05 - hoping to get a "better perspective;" 43D/12 finished - still can't decide what to do - moving on to unit 06 for 43D/13. [Am screening Ash from 43B/10].

Ash sample taken from 43B/10 at 40-45 cm bgs - from which was taken much bone, shell, and ceramics. This sample was screened.

Finished 43A/12, unit 04 yielding midden-like amounts of ceramics, shell, obsidian, bajareque, groundstone & faunal remains. Beginning 43A/13 in unit 05 going down to top of Ash layer that seems to cover this entire area.

Postponing excavations in 43C/12 - As there is no good profile available in 43C/11. Opening final unit - unit 06, to get a good enough profile to sort of work backwards into the construction. Beginning 43C/13 - unit 06 - down ~ 30-40cm, perhaps a little more.

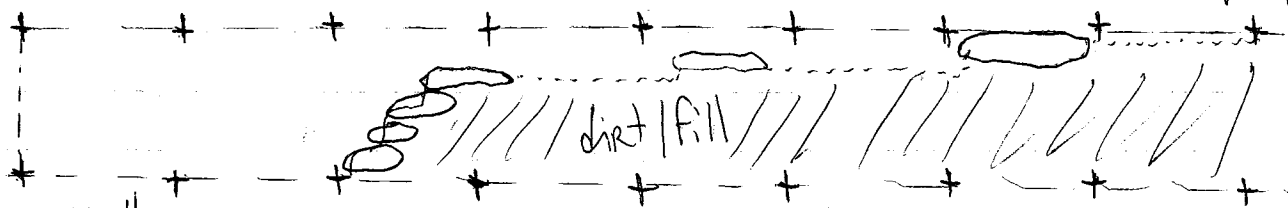
Finished 43B/10 yielding ceramics, shell (in large amounts), animal remains (in large amounts), groundstone (metate fragments), schist, basalt, obsidian, chert, and quartzite. Went a total of 50cm bgs / ~ 20cm into the Ash layer - to see what exactly was in it. Screened about 10cm of it which yielded ceramic bits, carbon, shell, and an assortment of bones. Beginning unit 05 - lot 43B/11 - going down about 30cm to begin - this would put me on top of the Ash layer (hopefully). [Took an ash/soil sample in B/10 - #1].

Finished 43A/14, unit 05 yielding midden-like amounts of ceramics (with many refits, pot burrs, and "repaired potsherds"), basalt, obsidian and shell (in much smaller amounts). Moving "up" to unit 06 for lot 43A/15 - down about 30cm to start. It seems as though the constructions in subops A, B, and C are built on an ash layer of undetermined depth, capped off by a thick layer of ceramic "trash" and basalt. One "project" before I leave this area may be to chase a 1m x 1m² unit down to find the bottom of this ash layer.

Finished clean-up in 43C/11 - removing much tumble and excavating slightly lower. Continuing excavations in 43C/12 (unit 05) and soon, 43C/13 (unit 06), C/11 yielded ceramics, basalt, obsidian, schist, chert, and groundstone (metate fragments).

Finished 43B/11 yielding ceramics, bone, shell, faunal remains, obsidian, schist and groundstone (metate fragment). Still no architecture - although a "lump" of rubble was uncovered on the southside wall of this lot. Starting unit 06 - lot 43B/12 - down about 30 cm.

Finished 43A/15 in unit 06 - have found "mini-terraces" - which may not be terraces at all! It seems that the construction is as seen below: (lot yielded: ceramics, obsidian, bone)



Moving up to unit 07 - lot 43A/16 - down initially 10-20 cm bgs.

(Still removing rubble in 43C and 43D excavations)

ALL construction in 43A appears to be built into an already existing slope - faced gradations of earth with stones in a gradual step-like fashion.

Soil
Report/
Summary

Continuing excavation in 43A/15 - unit 07 ~~back~~ ~~down~~ - down 20cm bgs. - All construction here is sitting on two distinct layers: about 20cm of midden-like material and mixed with large amounts of bajareque (about 30-50 cm bgs, with construction starting @ ~30cm bgs and going to surface) followed by a layer of ash (of undeterminable depth - starting @ ~50cm bgs).

Continuing excavations in 43B/12 - unit 06 - going down to about 30cm bgs - here, too, the soil changes to the Ash layer; however - not so midden-like in 43A's excavations - and the ash excavated here seemed to hold lots of bones and shell (unusual?)

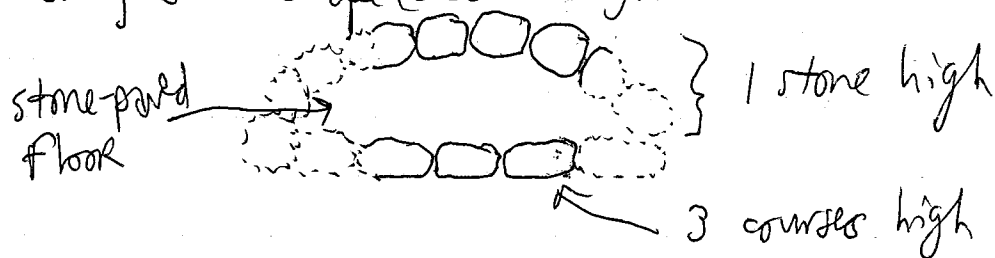
Continuing to remove rubble, etc. from 43C/unit 03, 04, and 05. Seem to be finding "ephemeral constructions," but have good leads at this point. The soil about 20cm bgs changes from the humus-like soil to a bajareque-soil (1:1 mixture), which continues down 10cm to about 30cm bgs, where it changes into a harder clay - much like that initially found in the 43D excavations. This layer is about 40cm deep - continuing from the last layer to about 70cm bgs where it changes into a light brown soil with dense white ash inclusions - this layer was not followed to its end. Constructions sit as low as 40cm bgs (bottom of bajareque/soil layer) - but has wall-fall debris lying 60-70cm bgs - on top of "ASH-like" deposit. Currently excavating in units 03-05 - looking for Architecture. Continuing excavations in 43D/13 and removing rubble in the unit before (unit 05) - may have finally found a basal terrace - although running about 150°E of my trench! Nevertheless - do not plan to reorient at this point - not enough time - and far too much has been uncovered already (close to 6m²).

The soil appears to be in 3 main parts: a 5-10cm (and in some areas 20cm) humus layer (As expected); a 40cm layer of very compact, dark black clay, and then a layer begins (not followed to its end) of a dark brown compact clay with white ash-like (possibly even clay) inclusions - these inclusions are sort of soft like talc, but again may be compact ash, or clay. Construction sites just inside this layer at about 70cm bgs, and then has tumble projecting upwards to surface.

[I have become content with digging stratigraphy and artifacts and not my beloved architecture.]

Finished excavations in 43C/12, unit 05 - yielding an edge of a wall running 45° E of my 90° axial trench and a very nice section of floor - possibly bordered by another wall on the ~~west~~ east wall of this lot. Yielded two large metate fragments sitting on top of floor (upside-down), lots of ceramics, bijouregue, obsidian, quartz, and a large chert core (well, sort of large). Continuing excavations in unit 04 just a little, and in unit 06 - 43C/13. May expand axial trench linearly to the west if 43C/13 yields enough tumble to suggest such a move.

May have just uncovered our first Kiln in 43C/11 and 12 (units 04 and 05) - its a semi-circular rock-lined feature with a straight flom resembling a "D" shape (see below):



Trench \Rightarrow
Reorientation
in 43D

After excavating more in 43D, and having found more of a basal
terrace oriented 45° E of the axial trench. I've "remeasured"
the dimensions of the mound and reoriented the trench. The new
43D trench (starting with meter 07) is 11.0 M long and 1 M²
wide, running 72° E of N.

Finished 43D/13 in unit 06 - in old trench - yielding ceramics,
bajareque, obsidian, quartzite, schist, and groundstone
(metate fragment).

Beginning 43D/14 in unit 07 - 1st unit in new trench to
the east - beginning in east - traveling west.

Finished 43A/16 yielding ceramics & bajareque ~~obsidian~~
~~and bone (faunal)~~ Beginning 43A/17 in unit 08 - down 20-
30 cm to start.

[Added more to 43A/15 (unit 06) - ceramics, bajareque, shell, obsidian,
and bone (faunal) by going a little deeper - to a full 60 cm bgs.]

Finished 43B/12, unit 06 - yielding ceramics, bajareque,
obsidian, chert and shell. This unit was taken to
37-47 cm bgs. Moving to last unit - unit 07 for 43B/13 -
down to same level as in unit 06.

Finished 43A/16 - unit 07 yielding ceramics, chert, quartzite,
bajareque, groundstone (metate fragment) - down a full 35 cm bgs.
Opening 43A/17 - unit 08 - to same level.

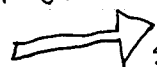
Finished 43C/13 in unit 06 - the last unit in this initial
series - going to expand next. This lot yielded

ceramics, obsidian, chert, basalt, and ground stone (metate fragment). Clearing up 43C/10 (unit 03) to find end of tumble. Finished clean-up in 43C/11 (unit 04) yielding ceramics, obsidian, and basalt.

Tomorrow, will expand axial trench to the west to unit 07 and possibly unit 08 - need to find "end" of constructions that extend westward.

Finishing up 43B/13; finishing up 43A/17 - in this unit (08) it appears there may be another kiln (!) - but won't be able to offer a "good guess" until 43A/18 (unit 09) is excavated - for now, only an "excited guess." Still working in 43B/14 (unit 07) - down now about 40cm bgs - may go 10cm more - depending on the profile, etc.

Ideas on
Schist



Am convinced, by the amount alone of the schist I've been finding that it must have been used as temper for vessels such as "Agua Sucia orange slipped" and "Manacal Misceous" for their pastes contain a great deal of "mica." This "mica-schist" I'm running into is golden and when ground - even ever so slightly - it fragments into very tiny pieces - that would/could create a nice effect in ceramic pastes. Earlier today, found "several pounds" of schist near groundstone metate fragments in 43C excavations (units 04 and 05) - this may be more evidence.

Ideas on
Ground
stone



Also found a large ground stone piece with a groove in its back (or front?) about 10-15cm long and 2 or 3 cm wide - ~2cm deep (making the ground stone look like a little butt!) - cannot as of yet speculate yet as to its use, but can offer a "wild guess": I saw "arrow straighteners" and other such grooved items of stone this past summer while excavating it.

Arizona, and one such piece was a grooved piece of groundstone. Keith Kintigh offered that it was for smoothing or perhaps sharpening something - I think the same kind of thing is going on here. It could have been used to smooth or sharpen bone tools used in single/multi-point incision work on pottery (i.e. Magdalena Red-on-Natural, Monte Gordo - JAR necks, etc.). The north group excavations have yielded quite a few of these implements that Pat Urban has I.D. as being used in the manufacture of pottery - I believed I've found its "sharpeners."

Erosion
 Control
 Management

A quick summary of ideas on construction so far in subops A, B, and C: I believe that a form of "erosion control management" was being used in this area (see Nick Dunning's work on erosion control in the Northern lowlands) [refer to P95-78-24]. Furthermore - I believe that if there were kilns - they were in use before erosion control was necessary - and that only after heavy use of the clay-borrowing pit, did erosion become a problem on this particular slope (perhaps the others as well - or perhaps the others weren't as important...). The only evidence to site so far ~~is~~ the one-store tall/one-store wide lines bisecting the trenches N-S - that seem to line up with one another - these rocks would have been placed, cut into the slope to slow erosion - this exact same method was being used in the Northern Yucatan lowlands with regards to agricultural terracing on hillsides, according to Dunning (see article in Latin American Antiquity) (and by personal communication). The two possible kiln features seem to be a bit deeper than these constructions, suggesting their use began earlier - and possibly/probably continued after the "erosion controlling" terraces were put in place.

Continuing cleaning and excavations in 43A/17, unit 08 - exposing "wall" on western edge of lot/unit - it appears 3, 4 or maybe even 5 courses high.

Continuing excavations in 43B/13, unit 07 - down to the level in 43B/12, unit 06. I believe were running into more erosion control features that have themselves eroded (!) - but to some extent are preserved in the section/profile.

Continuing clean-up work in 43C/10, unit 03 - down to find the end of the tumble in front of the "Kiln features."

Continuing to excavate in 43D/14, unit 07 - running into tumble - but I don't think any architecture at this point. Will probably run into basal terrace found in Pilot trench, in next unit (to the west), unit 08 or unit 09.

[For a "more complete" soil profile, see P95-78-¹⁷⁵~~00~~]

Have finished with cleaning of 43C/10 - opening a new unit to extend length of axial trench - to the west - unit 07; now, the axial trench is 7m long (may possibly extend to 8m....) Beginning 43C/14 - down to level in unit 06.

[Cleared up in 43A/09, unit 01 - yielding a few sherds worth saving and some chert, and quartzite.]

Finished 43A/17 yielding ceramics, basaltic, obsidian, large chunks of chert, and some shell. The amount of artifacts taken from this lot is substantially less than any previous unit (It could just be we didn't go fully into the trash layer that all the construction sits upon!). Beginning 43A/18 in

unit 09 - down to level in unit 08. May extend this trench westwardly to include another excavation unit or two.

Finished 43B/13, unit 07 yielding some "tumble zones", perhaps analogous to erosion control features and ceramics, bajaregre, shell, obsidian, bone (faunal), chert, and schist (bringing my collection of schist up to about 100 lbs!). Extending axial trench westward 1m² - don't anticipate finding too much - just to be sure I'm out of tumble, etc. After this, I plan to expand out a little where tumble zones were present to see extents.

Beginning 43B/14 - unit 08, down initially 30cm lgs.

Finished 43D/14, unit 07 - yielding ceramics, obsidian, schist, and bajaregre. found a "terrace" running perfectly perpendicular to the trench - moving to unit 08 for 43D/15.

Finished 43D/15 yielding ceramics and some large chunks of bajaregre. Going up another unit to 09 for lot 43D/16 - by measurements in first trench, I should be coming upon another terrace; we'll see....

Trench
update
→

Have extended 43A westward one unit - the axial trench is now 10M long (and may be extended further later); 43B is now 8M long (and is not likely to be extended); 43C is now 8M long (and may or may not be extended further later); and 43D is now (unchanged) 11M long (and probably will not be extended) - all trenches will be extended horizontally, though - in order to clear enough (i.e. corners, summits) to see what the structure(s), overall appearance would have looked like.

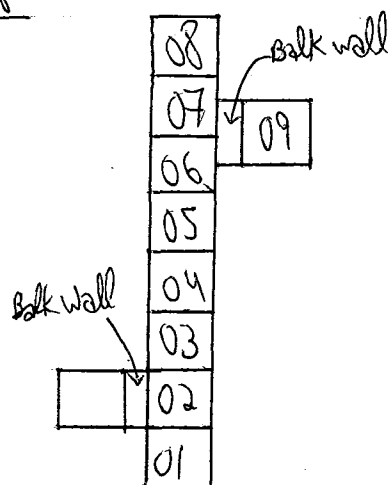
Finished 43C/14 in unit 07 going down to only 40cm bgs.
This lot yielded a huge abundance of ceramic debris - in midden fashion, bajareque, schist, obsidian, and chert. Going up one more unit - to 08 for ~~43C/15~~ 43C/15 - down 40cm bgs. I truly think this will be completely extramural midden-like area so I don't plan at this point to continue westward - but excavations are, of course, subject to change at any time, for any reason.

In 43A → finished lot 18 (unit 09) yielding ceramics, bajareque, ~~and obsidian~~. Did a clean-up excavation in lot 12 (unit 04) - added ceramics and bajareque (a substantial amount, actually, for such a small area at clearing!).
Beginning final unit - 10 for lot 43A/19 (may expand later).

Finished 43B/14 (unit 08) yielding ceramics, obsidian, bajareque, and bone (faunal) - not expanding further west; instead, to the north (see below) and south (see below):

new units added to
43B excavations

N →



following out rubble zones, looking for architecture - going down 30-40cm bgs.

Finished 43D/16 in unit 09 yielding ceramics, ~~obsidian~~ and
~~obsidian~~ obsidian. Taken down to level in unit 08 - with some large
 schist "stones" on the "surface" of the terrace. Going to unit 10
 for 43D/17 - down until the next terrace - expected soon, based
 on excavations in the original trench.

Continuing excavations in 43A/19, unit 10 - the last (maybe) unit in this initial axial trench (probably will expand, though - at least one if not two units more to the west) - coming onto a possible "turn" which may give this construction a circular look (?).

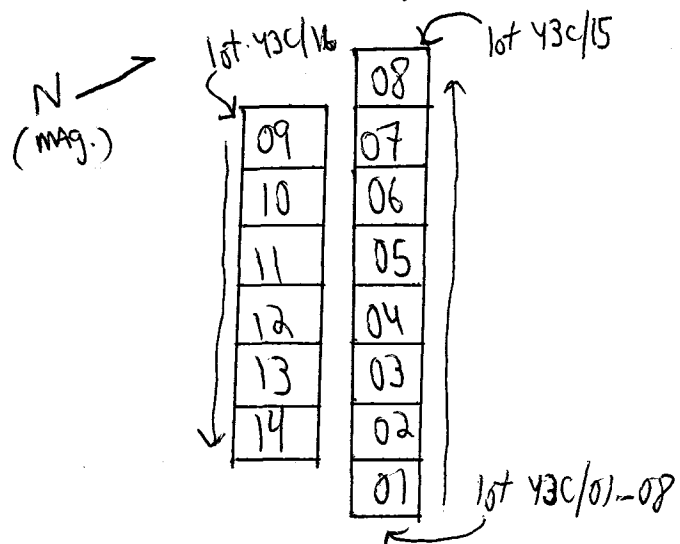
Continuing excavations in 43B/15, unit 09 - 1M² north of axial trench between units 06 and 07 - looking for architecture. (going down about 40 cm bgs).

Continuing / finishing excavations in 43C/15, unit 08. After this unit - will begin excavations on a new trench to the south running parallel to 43C - with a 30 cm bulk wall to separate them - this too will be 43C (extensions).

Continuing clearing rubble from 43D/17, unit 10 - following architecture.

Finished 43C/15, unit 08 - the last in this axial trench. Now expanding southward - another "axial" trench running in the same direction, same orientation - 140° E of N. This trench runs (as below) for 6 meters (1M² wide):

43C - new trench extensions

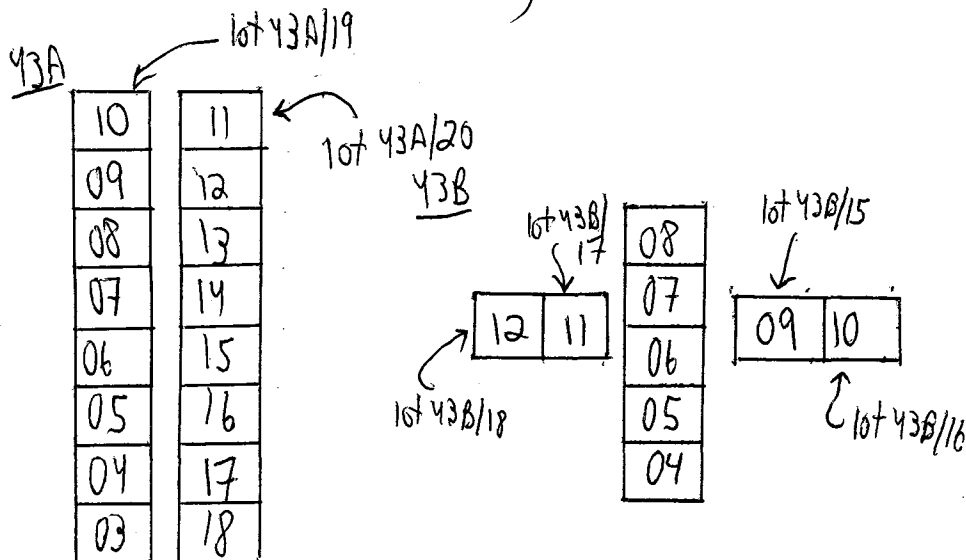


Beginning 43C/16 in unit ~~08~~⁰⁹ (see previous page for location).
Going down 40cm to meet level in unit 08 to start - may go down
further, to meet level in unit 07 if necessary. 43C/15 yielded
extramural midden-like trash including ceramics (in abundance),
bajareque, obsidian, and a chunk of gypsum-like plaster.

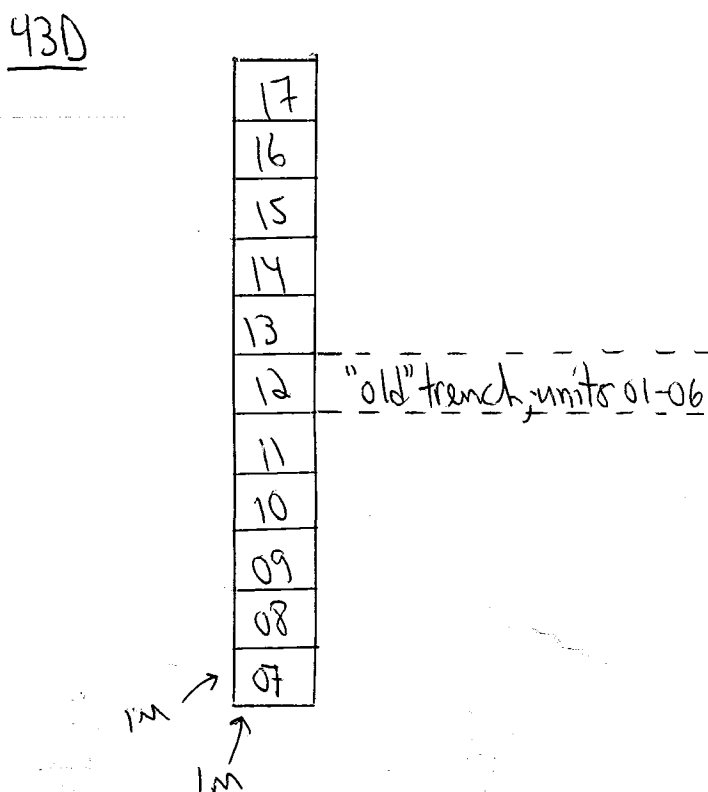
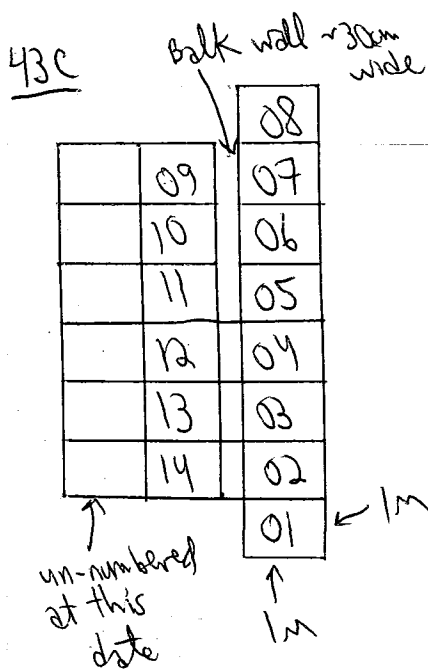
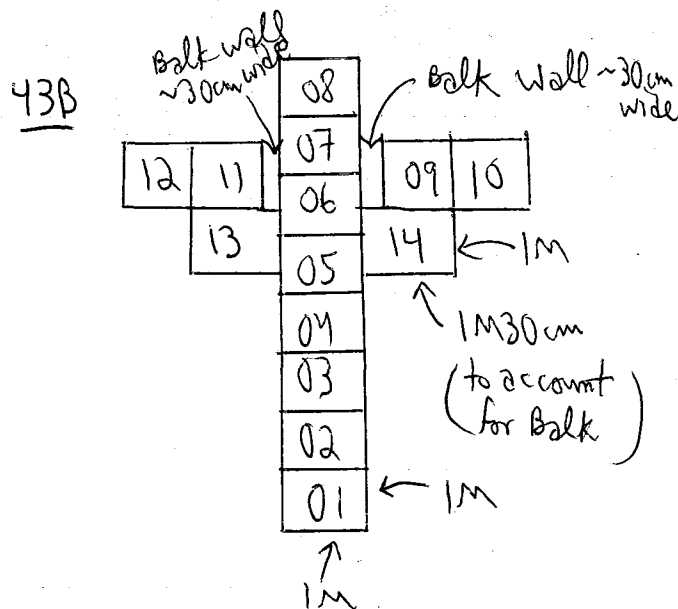
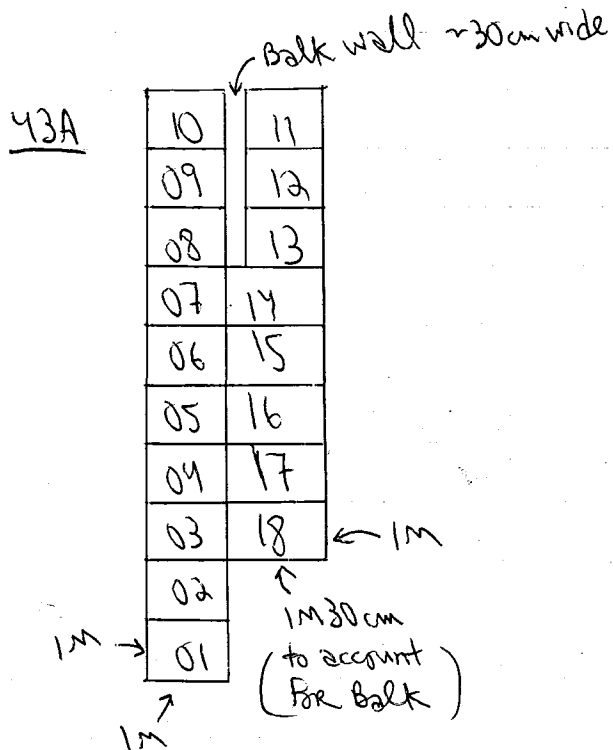
Finished 43A/19 yielding: ceramics, bajareque, obsidian, quartzite, schist,
and graphite. Found end of wall that was picked up in units 08 and
09 (see P95-78-~~02~~ for plan views of axial trenches). Layed out new
latitudinal trench parallel to this one with 8 M² (long x 1 M² wide).
New excavations will begin after Semana Santa in unit 11,
43A/20 - following architecture. (see below for layout of new trench)
Finished 43B/15 (unit 09) yielding: ceramics, bajareque, schist, bone (faunal),
shell & obsidian. Continuing search for architecture as shown below,
in unit 10 - for 43B/16 (beginning after break).
Finished 43C/16 (unit 09) - the first unit of new trench (see below).
Yielding: ceramics (in abundance), bone (faunal - deer), bajareque,
schist, obsidian & chert. Continuing with unit 10 - 43C/17 after break.
Finished 43D/17 (unit 10) yielding ^{ceramics} bajareque, obsidian, and schist.
May have found summit wall feature. Continuing with 43D/18 (unit 11)
after break.

New Trenches for
43A and 43B excn.

N
(mag.)



Plan Views of AXIAL TRENCHES (To Date); 43A-D




Beginning 43A/20 in unit 11 (1 m² "N" of unit 10 in "New" (axial) trench), down to level in unit 10, ~40cm bgs.

Beginning 43B/16 in unit 10 (1 m² "N" of unit 09 in "perpendicular trench"), down to level in unit 09, ~40cm bgs.

Beginning 43E/17 in unit 10 (1 m² "E" of unit 09 in "New" (axial) trench), down to level in unit 09, ~30cm bgs.

Beginning 43D/18 in unit 11 (1 m² "W" of unit 10 in "original" axial trench), down ~40cm bgs to start.

New  Laid out new trenches on other side of depression (see P95-78-181 for layout orientation, measurements, etc.) - one running into the depression - 15M long, and one running along side of it (to the east) - at 9M long. Excavating in a "checkerboard" fashion to sample greatest area possible. The 9M long trench will be subop E and the 15M long trench will be subop F. Beginning excavations in units 01 of each (43E/01 in unit 01 - and ~~43E~~ 43F/01 in unit 01) - going down 20cm to start. Expect to find only midden material - but who really knows?!?! All lots will probably be 20 or 30 cm² at a time to keep control over artifact provenience and stratigraphy (or what stratigraphy ~~exists~~ exists).

Finished 43A/20 (unit 11) yielding midden amounts of ceramics - and obsidian and biface. Beginning 43A/21 in unit 12 - 1 m² "East of unit 11 in parallel trench - coming on architecture (hopefully!).

Finished 43B/16 (unit 10) yielding midden amounts of ceramics, and biface, schist, obsidian, ^{and} quartzite (- no tumble!) Beginning 43B/17 in unit 11 - 1 m² "south of - between units ~~06~~ 06 and 07 on other (South) side of original axial trench.

p95-78-¹⁸⁾~~39~~ of
4/17/95

43E and F - location, orientation,
Plan View (initially)

43E



01	X
X	02
03	X
X	04
05	X
X	06
07	X
X	08
09	X

oriented 40° E of N

(9M long
2M wide)

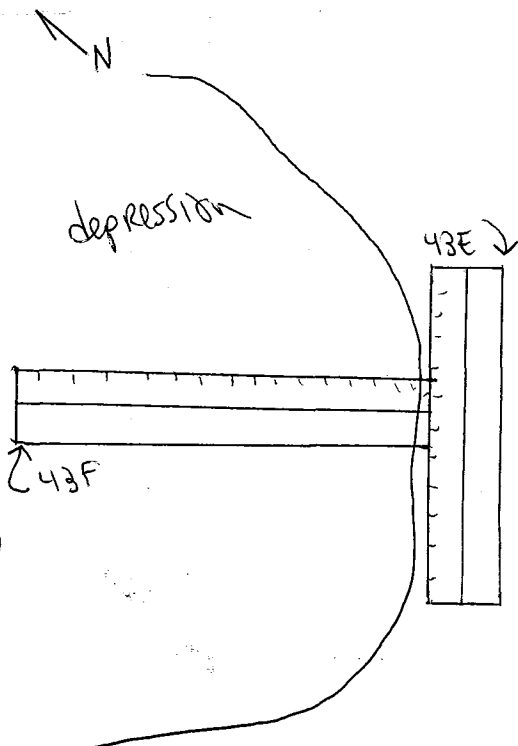
43F



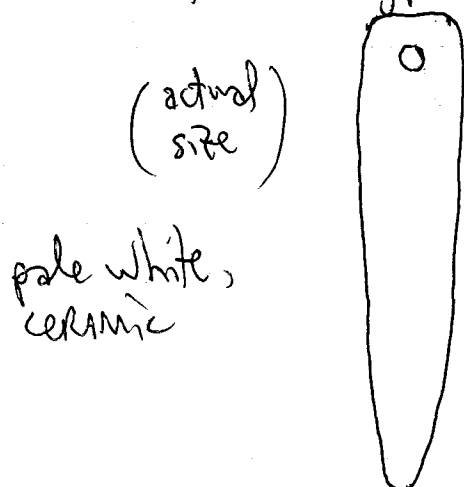
X	01
02	X
X	03
04	X
X	05
06	X
X	07
08	X
X	09
10	X
X	11
12	X
X	13
14	X
X	15

oriented 130° E of N

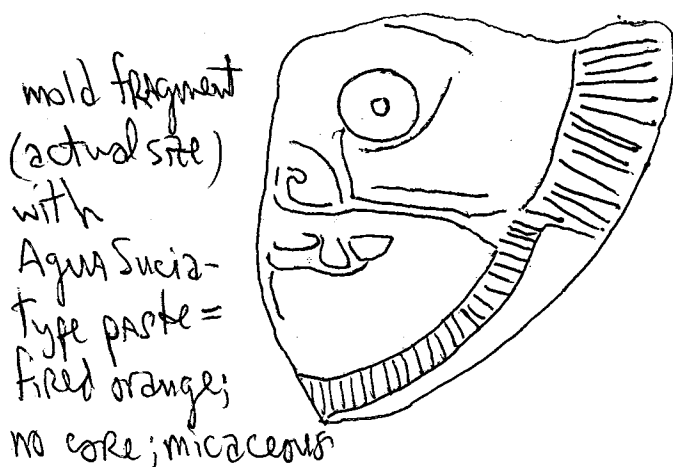
(15M long
2M wide)



Also with 43B/16 - a "typical" (common) ceramic pendent:



Finished 43C/17 (unit 10) yielding a "healthy" amount of ceramics, obsidian, bayareque, and a beautiful mold fragment (see below). Beginning next lot as a "bulk-wall extraction lot" removing bulk that exists. Further units in this series of this parallel trench will be 1M x 130cm - compensating for the existing bulk - new lot - 43C/18 - bulk wall (south) between units 07 and 09; 06 and 10; and between 05 and 11.



Finished 43E/01 (unit 01) yielding fairly large amount of ceramics and some really burnt bayareque. Going down 20cm farther (now into the black clay) for 43E/02 (still unit 01).

Finished 43F/01 (unit 01) - down 20cm bgs to find but a few ceramics and a small piece of obsidian (dechet!). Mostly clay - absolutely no architecture (and none expected!).
Going down another 20cm ~~bgs~~ to 40cm bgs for 43F/02 - unit 01.

Finished 43E/02 (unit 01) yielding ceramics, burned bajareque, and a large chert fragment - possibly an exhausted core frag. Going down to 60cm bgs for 43E/03 (unit 01).

Finished 43D/18 (unit 11) yielding ceramics, obsidian, chert, polished shell, bajareque, and ground stone (mans and metate fragments). Have come down upon a thick layer of fine, very light brown, ash - with all construction apparently going on - on top. Ash layer capped off by a midden-like ceramic layer. Moving on to unit 12 for lot 43D/19 - going down only to top of ash layer - at about 35-40cm bgs. (As at all excavations so far!).

In 43C/18 excavations, have come down upon a very large carbon deposit - 1 sample (#1) taken - surely more tomorrow. Also took soil sample (#1) for float or pollen analysis - included lots of carbon "flecks" - seems to be of two types - wood and some type of food (or perhaps woven mat) - not sure - but there are two distinct types (1 - big, chunky - looks like wood; the other - very "stringy", fine - looks like graphite filings....). Found at about 35-45 cm bgs (so far) - on top of hearth/kiln area discovered in unit 04.

Continuing excavations as started yesterday in
43A/21 (unit 12), 43B/17 (unit 11), 43D/19 (unit 12),
43E/03 (unit 01), and 43F/02 (unit 01).

Have postponed excavations in 43C/18 (unit 11) - so I can
excavate the "carbon area" myself. Taking down the balk
that currently exists (sw area of trench between units
07/09, 06/10, and 05/11), including depositional significance
of surface/terminal debris/midden.

Finished 43F/02 (unit 01) - down 40cm bgs - moving on to
unit 01 - bt 03 - 20cm more - only found one JICARS
sherd(!) in this bt (02) - 03 will be the last in this
unit.

Finished 43E/03 (unit 01) yielding a very small collection of
ceramics. Down now 60cm bgs and moving on to a new
unit - 02 - down 40cm bgs.

Starting / Finished 43C/18 - the taking out of the balk wall yielding a
large amount of ceramics, obsidian, and big pieces of
burned bapregue. ^{and ground stone} Continuing, then with 43C/18 - unit 11
(slowly!). (Ground stone may be from a statue or a metate?)

Finished 43A/21 for now - having hit a very large stone
1M x ~50cm x ~60cm. Moving to unit 19 and starting
43A/22. Will dig in unit 12 later.

Taking "soil" samples from 43F/02 ~~and~~ (sample #1), and
43F/03 (sample #1) - these are actually clay samples - very
distinctive of each other - one dark black, the other
brown (see soil profiles for 43E and 43F on P95-78-001).
185

(North wall)

43E

p95-78 185 of 4/19/95

soil profiles
for 43E and 43F

A - black humus
very hard,
compact -
3/4 very dark
gray-clay

B - brown clay
very hard - fine
7.5YR 3/3
dry.

C - same as B
but with white
crystalline
inclusions

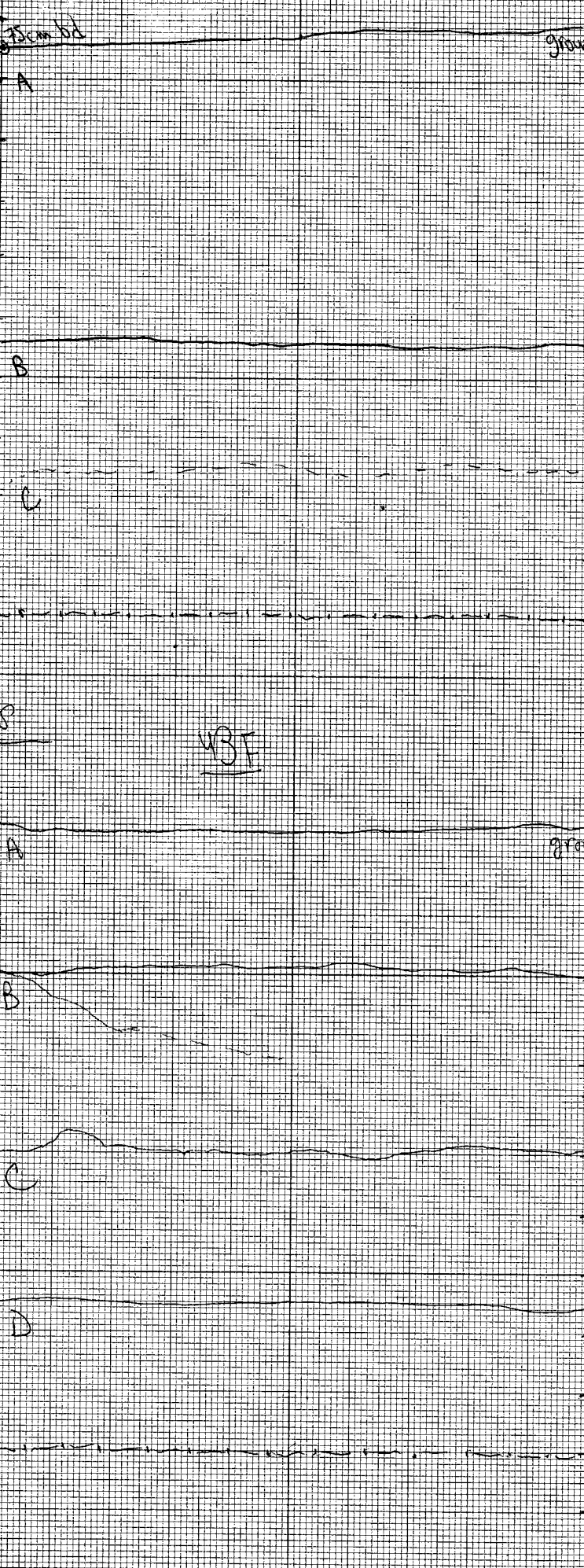
(medium coarse
10%)
end noticeable
micaceous inclusions

A - black humus
very hard,
compact -
3/4 very dark
gray-clay

B - same as A but
with a heavy
sediment with
gravel and
small cobbles
(coarse - 30-40%)

C - brown clay
very hard - fine
7.5YR 3/3
dry

D - same as B
but with white
crystalline
inclusions
(medium - 10%)
and noticeable
micaceous
inclusions



71cm bgs
ground surface

end of root disturbance
zone

actually a very
distinct line
(54cm bgs)

base of excavation
(100cm bgs)

43F

75cm bgs
ground surface

WASH zone
ephemeral

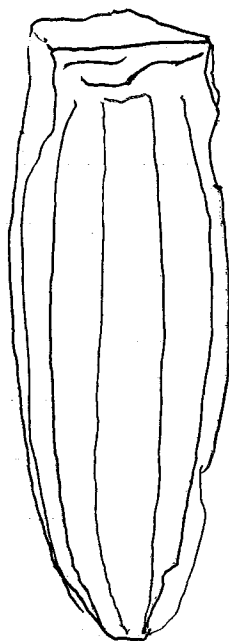
end of root disturbance
zone (although
roots continue sporadically
for another 60-70cm)

base of excavation
(125cm bgs)

P95-78-¹⁸⁵~~43~~ of
4/18/95

found in 43E/04, very near the surface, a very large(!) obsidian core (see below)

(actual
size)

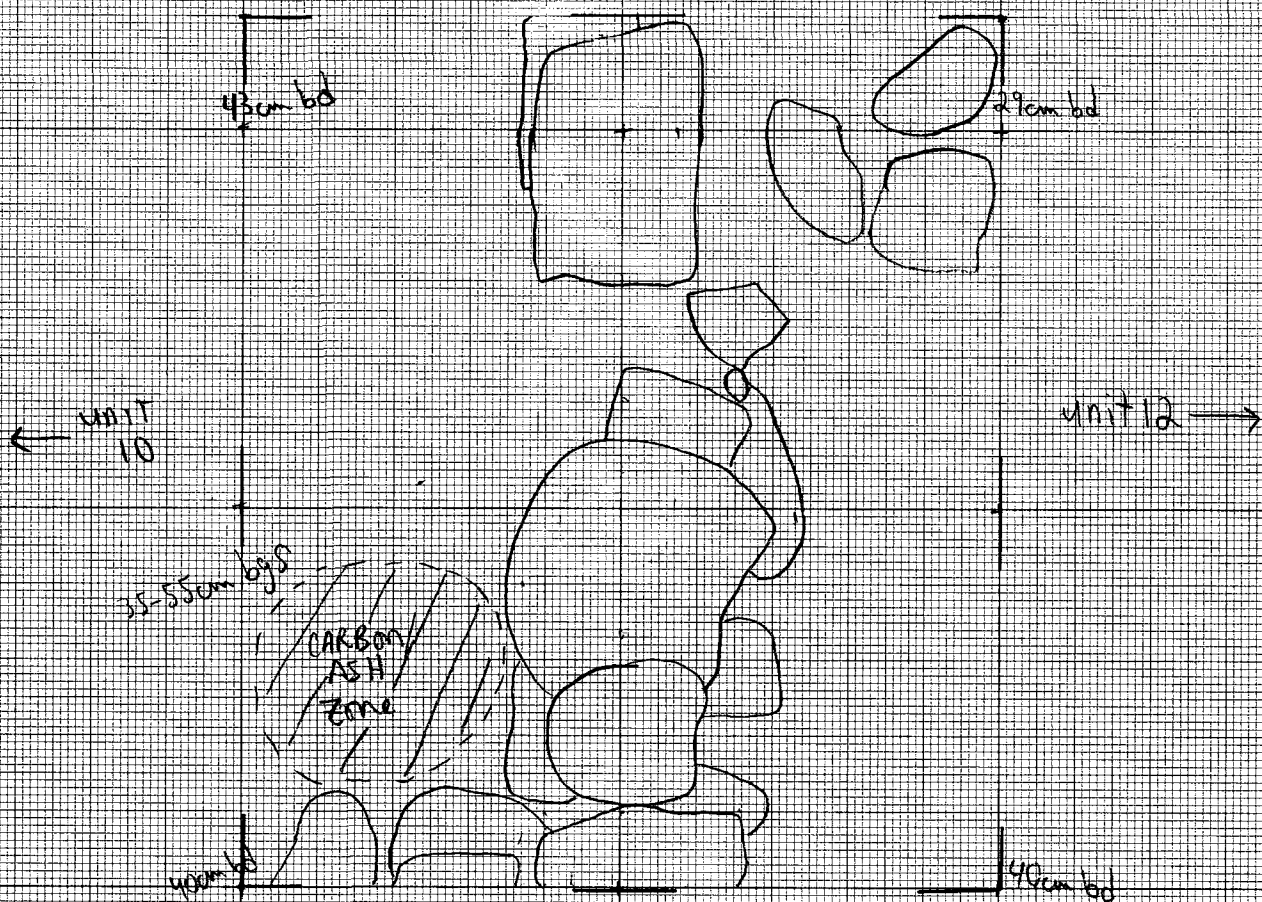


Finished 43F/03 (unit 01) - now down 60cm bgs (see P95-78-43 for soil profile) yielding nothing! (sterile). Moving on to 43F/04 in unit 02 - 1m² NW of unit 01 (adjacent to it on the west side). Going down 40cm bgs for lot.

Took CARBON SAMPLER #2, #3, and #4 as well as soil sample #2 - from 43C/18 (unit 11) - all at 40-50cm bgs (with no apparent evidence of Root intrusion (see P95-78-~~43~~187 for location)).

Finished 43D/19 (unit 12) yielding ceramics and obsidian. Down to ASH at ~35-40cm bgs. Moving on to unit 13 for 43D/20 - down to same level.

Location of Carbon/ASH
zone in 43C/8 (unit 11)



Carbon samples #1, #2, #3 taken

Soil/ASH sample #1, #2 taken (for float/pollen, etc.)

NOTE: ASH found is bright white - general ash layer in area is gray/light tan and is encountered at about 40-45cm below ground surface.

All architecture is at or above this general ash level.

scale



* unit is 100cm x 120cm including balk

188
P95-78-~~18~~ of
4/18/95

Finished 43B/17 yielding large amounts of ceramics, obsidian, bone (human [tooth] and faunal), shell, CRAB claws(!), chert, and bryozoan. Encountered much tumble along east wall of unit 1 - moving out to unit 12 - 1 m² S of unit 11 - for 43B/18 - down to same level.

Continuing excavations in 43A/21 (unit 12) and 43A/22 (unit 13) - may be coming onto architecture.

Continuing search for tumble in 43B/18 (unit 12) - down 50cm bgs for this lot.

Beginning 43C/19 in unit 12 - 1m² E of unit 11 - this lot is 1m x 130cm (taking up Balk wall slack) - exposing rest of semi-circular structure - kiln? hearth? down to level in unit 03.

Continuing/finishing 43D/20 (unit 13) - may be onto an E-W wall running parallel to trench - we're at the summit - so we expect some architecture - eroded as it may be.

Continuing lot 43F/04 in unit 02 - down 40cm bgs.

Continuing/Beginning 43E/05 in unit 03 going down 40cm bgs.

Rain last night "cleared" profile in 43F excavation revealing humus layer, black clay w/ sediment deposits (thick), brown clay. Will draw profiles today!

Depths in
43E & F
→

Have decided to go to 100cm in units 01 in 43E and F - and every unit thereafter, 60cm bgs. This will no doubt involve some back-tracking, but the humus layer is so thick - these depths are necessary to get any useful stratigraphy.

Finished 43D/20 (unit 13) - yielding ceramics^{obsidian} and bajareque.

Beginning 43D/21 (unit 14) - down to same level - this seems to be the level at which construction was carried out.

Finished 43A/21 (unit 12) yielding ceramics, obsidian, chert, schist, and bajareque. Also finished 43A/22 (unit 13) yielding ceramics, bajareque, chert, quartzite, bone (faunal; possibly worked).
Taking out balk wall for 43A/23.

In 43A/22, Found a large (dk-gray, vesicular basalt) metate - very large/thick with three stubby legs. (~30cm long x 15cm high x 20cm wide) - ~~doesn't~~ seem like it was used to grind corn! Possibly clay, or temper was ground on it. found next to wall on east side of ~~the~~ unit, center.

Finished 43F/04 (unit 02) - 60 cm bgs - yielding ceramics and obsidian. Going back to unit 01 for 43F/05 - down 40cm more (don't expect to find anything, but a good/better profile).

Finished 43A/23 - balk wall yielding ceramics and obsidian and a wall! running parallel to trench connecting the east wall with the huge stone to the west.

[See p95-78-¹⁹¹~~190~~ and ¹⁹²~~191~~ for architecture summaries thus far]

Beginning 43A/24 - unit 14 - going down to architecture/level in 43A/22 (unit 13)

Finished 43B/18 (unit 12) - down to meet level in unit 11 - uncovering midden - amounts of artifacts: ceramics, obsidian, bajareque, shell, bone (faunal), and groundstone (metate fragment).

Next lot - 43B/19 - will take down balks between units 11/06-07 and 09/06-07 to meet already determined level.

Also found a large piece of yellow ochre (?) - or some other powdery-pigment-giving stone (43B/18).

Finished 43C/19 (unit 12) yielding ceramics, obsidian, quartzite, bajareque, and groundstone (metate fragment). More confusing architecture exposed. Beginning 43C/20 (unit 13) - down to same level.

ARCHITECTURE SUMMARY
to date for 43A-E

43A: First encountered architecture in unit 03 - a 3 tiered wall - rather well-built standing ~40cm high, and laying about 70cm wide. It runs perpendicular to the trench and lines the W wall of unit 03 - pretty much taking up the whole unit. It's tiered in step-like fashion - the layer to the east being lowest. Originally thought to be an "erosion-control/management feature" - now its function is uncertain. Next bit of architecture comes about 75cm farther W bordering units 04 (to the E) and 05 (to the W). This "wall" - made up of 4 stones in a line (visible in the axial trench) is perpendicular to the trench, parallel to the wall mentioned earlier. It sits about the same height as the uppermost tier of the wall noted earlier. The next wall is the same - a copy of this last wall (4 stones long, 1 tier high, etc.) located in unit 06. The next architecture encountered is, as of now - a complex mess. It looks like we've uncovered a room in units 07 and 08 sharing a wall with a room in units 09 and 10. This is mirrored by similar rooms in units 12, 13, 14, and 15 - all with bases @ ~50cm bgs.

43B: At this time, architecture in this subop is very unclear/not well-defined. Basically, it consists of two zones (possibly connected ...) of "tumble" with "good" architecture being masked. This "tumble zone" occurs in units 01 and 02; then again in units 06, 07, 08, 09, and 11. Of special note, there is a somewhat unusual flat (very flat) faced stone standing very upright - vertical in unit 08 - this

Architecture Summary
to date for 43A-E

may be a good lead on architecture-to-come.

43C: Architecture here, at this stage, is far more complex - showing two or three periods of activity/construction. Architecture begins in unit 02 at ~50cm bgs, jumps up to 30cm bgs in units 03/04, and then up to 20cm bgs in units 05, 06, 07, and 09. Rumble, or possibly a box of cut-stone (?), goes to about 75cm bgs in unit 03. Emerging out are a complex of semi-circular structures, square/semi-square(!) rooms. This may have been a drying/firing area.....

43D: Architecture here is somewhat of an ephemeral mystery - unit 08 introduces the leading edge of a terrace, that follows, with a nice, schist floor, until unit 03 where a wall pops up (now rather eroded). No more architecture can be discerned until a possible wall emerges running parallel to the trench starting in unit 07 with a nice, cut-block. This is followed by a mess of rumble ending in unit 16 with a nice basal terrace and a tacked on step rising to a second terrace. More will have to be excavated to go into more detail.

43E: no architecture/no rumble

43F: no architecture/no rumble

Continuing excavations in 43A/24 (unit 14) coming down on a complex of architecture and midden-amounts of artifacts. Continuing taking balks out in 43B/19 exposing more of this mysterious tumble that doesn't seem to belong to any construction! Continuing excavations in 43C/20 (unit 13) uncovering more architecture (and more confusion!).

Continuing 43D/21 (unit 17) - developing a good "profile-of-attack" for the remaining units in the trench.

Finishing taking 43E/05 (unit 03) down to 60cm bgs.

Finishing taking 43F/05 (unit 01) down to 80cm bgs.

Extremely heavy rain last night turned the site into one big pile of wet, sloppy clay - although quite interesting to see the clay malleable, ductile, - it is extremely difficult to dig in. Proceeding with above actions - slowly.

Beginning work in unit 03 of 43F and unit 04 of 43E - as other units are filled with water, and I have no training in underwater archaeology.

Beginning 43C/21 in unit 14 - 1M² E of unit 13 (lot 20) - to get a better excavating profile.

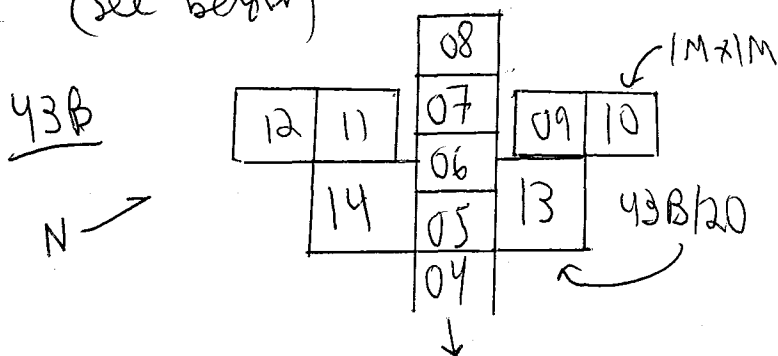
Finished 43D/21 (unit 17) yielding a few ceramics - potsherds and figurine fragments. Down through tumble to yield a decent working profile. Moving then to unit 16 for 43D/22 - down to same level - @ ~ 50cm bgs.

location
of micaceous
clay

Turns out - rain was very useful. This "ASH layer" that has been encountered in every excavation so far in op. 43, and subsequently mentioned on nearly every page so far - turns out to be a highly micaceous clay - most probably used for making Agua Sucia and Manacal type ceramics. Am taking a sample from unit 11, lot 43D/18 for re-firing and further analysis. This certainly explains a lot! Will probably take more samples from other locations as excavations progress.

Finished 43D/22 yielding ceramics and obsidian and some really solid architecture - two terraces and a possible step. Following this, moving on to unit 15, lot 43D/23.

Finished Bulk wall take-down in 43B/19 yielding midden-type (but not amount) of material: ceramics, bazarque, shell, and obsidian. ~~Slowly clearing up rooms defining structure. Moving on to~~ Real architecture may be here after all! Uncovering what may be a semicircular structure.... starting 43B/20 in unit 13 (see below)



Finished 43A/24 (unit 14) yielding ceramics, obsidian, bazarque, shell, and groundstone (metate fragments) (2). Slowly defining rooms. Moving on to unit 15 - 1M² E of unit 14 for 43A/25. Down to same level as in unit 14.

195
P9578-8 of
4/21/95

Continuing excavations in 43A/25 (unit 15) - defining architecture.
Continuing excavations in 43B/20 (unit 13) - following rubble -
hopefully leading to some architecture.

Beginning 43C/22 in unit 15 - defining architecture (see below)
Continuing excavations in 43D/23 and beginning excavations in
43D/24 (units 15, and 14, respectively) - defining terrace -
looking for summit architecture.

Continuing in unit 04 of 43E (lot 08) to 60cm bgs and
in unit 03 of 43F (lot 07) to 60cm bgs.

collections of
SCHIST

Have decided to stop collecting random schist (!) Just to
note that it really does appear in nearly every lot of the
excavations so far - in large amounts. Whereas it certainly may
be used in building / construction - it would also be interesting to
see its possible use as a temper....
(will still collect the quartzite raw material - am sure of its use
as temper).

43C excavations -
unit locations to
date

N ↗

	↑		↑
	17	12	04
	16	13	03
	15	14	02
↑	lot 43C/23		01

Beginning 43D/24 - unit 14 - excavating areas of units 13, 14,
and 15 all at once - defining architecture, removing rubble as
necessary.

Finished 43C/21 - unit 14 yielding ceramics, obsidian, chert, bajareque, and ground stone (metate fragment). Almost no architecture in this lot, but it is nevertheless important in helping to define construction in 43C/20 (unit 13). Beginning 43C/23 - unit 15 (As shown on previous page).

Finished 43B/20 (unit 13, measuring 1M x 130cm) yielding ceramics (including several figurine fragments), bajareque, and obsidian and exposing a long line of tumble - not sure at this time whether or not it's straight or semi-circular.... Beginning unit 14 - a 150cm x 130cm unit that meets the base-line defined by unit 03 of the original axial trench. Going down 50cm bgs as everywhere (to start).

Finished 43F/07 - unit 03 - down 60cm bgs - yielding a small collection of sherds, concentrated in the upper 10-20cm bgs. Going back to unit 02 - taking down to 20cm to meet 60cm bgs for a better profile ~~profile~~

Beginning 43F/05 in unit 01 - down 20cm to 80cm bgs (with intentions of going down a full 100cm bgs).

Finished 43F/05 yielded sterile mud! (clay)

Beginning 43F/06 - down 20cm more to 100cm bgs in unit 01.

Finished 43F/06 - yielding sterile clay.

Beginning new unit - 04 - new lot 43F/08 - down 60cm bgs.

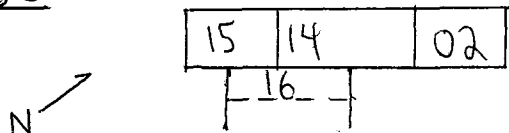
Finished 43E/08 (unit 04) to 60cm bgs - ~~not~~ yielding ceramics and obsidian - moving back to unit 03 - taking down 20cm more to reach 60cm bgs.

Finished 43E/05 (unit 03) to 60cm bgs yielding ceramics (including figurine fragments), and byzantine - although not in large amounts, there is still a "feel" of this area being a middenzone. All "trash" found 10-20 cm bgs in a distinct layer followed immediately by sterile soil/clay.

Going back to unit 02 to take it down to 60cm bgs. Finished with unit 02, going back to unit 01 - 20cm more to 80cm bgs for lot 43E/06. Found only sterile soil - going down 20cm more for lot 07. Found only sterile soil - going on to unit 05 for 43E/09 down 60cm bgs in one lot.

Finished 43C/23 (unit 15) yielding ceramics (one nice piece from the Peten with glyphs!) and byzantine - not too much architecture. Beginning 43C/24 in unit 16 - a 100cm x 50cm unit taken on east of units 14 and 15, halfway in between (see below) to chase some possible architecture.

43C



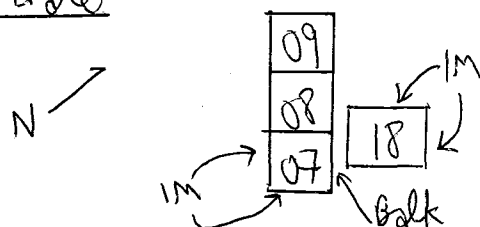
Finished 43A/25 (unit 15) yielding ceramics, Obsidian, byzantine, shell, bone (faunal), and ground stone (metate fragment) - more of this complex of 3m x 2m rooms jammed together - moving on to 43A/26 - unit 16 - 1m E of unit 15 - down to same level.

Finished 43D/23 (unit 15) yielding ceramics (including an almost whole censel lid - scored and burned - w/ handle) ~~finished 43D/24~~ ~~and a ground stone (mano frag.)~~ and a ground stone (mano frag.).

Finished 43D/24 (unit 14) yielding ceramics, obsidian, and bejareque. No great amount of summit architecture found - but enough "hints" to follow.

Now going to follow the basal terrace in 43D - to the east for lot 43D/25 - unit 18 (see below).

43D unit locations
to date



Finished 43B/21 yielding ceramics, obsidian, and bejareque. More of this strange tumble feature exposed - continuing down to unit 15 for 43B/22.

Continuing excavations in 43A/26 (unit 16), 43B/22 (unit 15), 43C/20 ~~unit 13~~ (unit 13) and 43C/24 (unit 16), 43D/25 (unit 18), 43E/09 (unit 05), and 43F/08 (unit 04).

3
clay
Types
→

Added one more lot to unit 01 in 43F - to take this 1M x 1M square down to a depth of 125 cm bgr - well-developed profile has emerged - noted on profile/section of 43E & F on P95-78-43: 3 distinct types of clay have emerged: on top - a dark gray-to-black clay with some quartzite-looking inclusions; after a layer of sediment/wash, a brown clay with no apparent inclusions, and then at about 100 cm bgr - a very fine-ASH-like clay - but without doubt - clay - lighter brown with heavy mica inclusions - this clay type most probably was used for pastes in ceramics such as the Late Classic Agua Sucia and Mamacel Micaceous [quite possibly the reason why no pastes are seen of this type until the late classic may ~~suggest~~ be because of this clay's depth. Whereas deposits of this clay can be found to turn up here and there throughout the site - only here is where it was probably being used quite a bit for ceramic production] [Also, this black clay really reminds me of the Jicaro and related pastes].

Finished excavations in 43C/20 (unit 13) on Friday, finished excavations in 43C/24 (unit 16) yielding ceramics, obsidian, quartzite, and bajareque. - no extensions of architecture - only rubble. Opening 43C/25 - unit 17 - 1M² West of unit 15 - down to level 11 unit 15, expanding excavations on architecture. (43C/20 yielded ceramics and ground stone - main fragment).

~~Excavating~~ Excavations in 43D/25 (unit 18) - pending results in new unit - 19 (43D/26) - 70cm x 100cm E of unit 18 - may have found a step leading to basal terrace.

Took a clay sample from 43F/09 (unit 01) - between 100 and 125cm bgs - very micaceous - very fine.

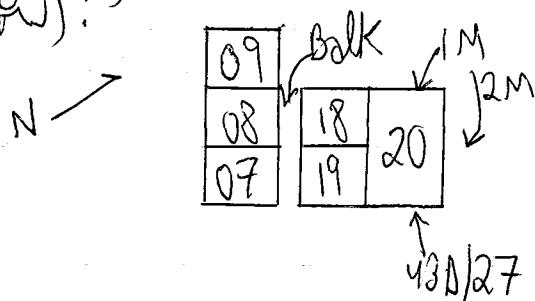
Finished 43C/25 (in unit 17) revealing possibly a complex of more walls (....?) - moving on 1m² W to unit 18 for 43C/26 - down to level of unit 11. 43C/25 yielded ceramics, large amounts of burned, big pieces of bajareque, obsidian, and shell.

Finished 43B/22 (unit 15) yielding ceramics, obsidian, chert, shell, bone (faunal), and bajareque. More of this tumble zone defined - it looks like it connects with the tumble units 02 and 03 of the original axial trench, in a circular fashion. Beginning 43B/23 (unit 16) - a 70cm x 140cm unit ~~east~~ east of unit 15 on same ~~side~~ (N) of axial trench.

Finished 43D/25 (unit 18) yielding ceramics and obsidian - and the "front" edge of the basal terrace.

Finished 43D/26 (unit 19) yielding ceramics (only) - and possibly a step to the terrace discovered in 43D/25.

Beginning 43D/27 in unit 20 - 1m x 2m "N" of unit 19 (see below):



201
P95-78-54 of
4/24/95

Finished 43A/26 (unit 16) yielding ceramics (in large abundance), obsidian, chert (core), quartzite, ground stone (2 metate fragments), bazarque shellbone (faunal), and turquoise. Moving on to unit 17 - 43A/27 - may be in ~~external~~ extramural AREA now.

Continuing excavations in 43A/27 (unit 17), 43B/23 (unit 16), 43C/26 (unit 18), 43D/27 (unit 20), 43E/08 (unit 05), and 43F/08 (unit 04).

Finished 43C/26 in unit 18 yielding more of a mess of walls and tumble. Yielded ceramics in substantial amounts—but probably still just terminal debris—obsidian, and large amounts of bajareque. Beginning 43C/27 in unit 19—1M² W of unit 18.

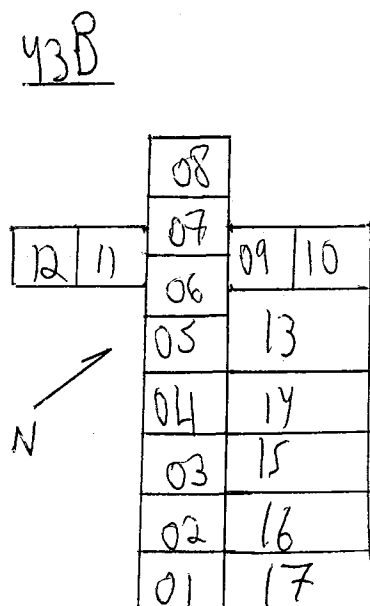
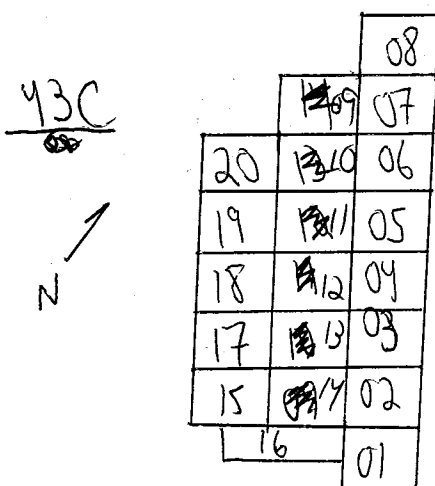
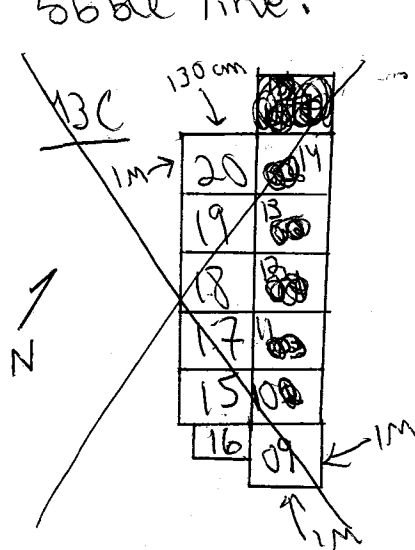
Artifact
Bajareque
update

Finding a floor (!) of flat-faced cobbles in 43B/23—not yet ready to get excited—although finding very large amounts of big pieces of bajareque. Similarly, in 43A/27—finding large amounts of bajareque (“by large,” I mean on their way to filling a bag 15cm x 25cm and making the workers complain about having to carry it to the truck—this is substantial!) 43C/26, 27 excavations turning up some—but not quite as much bajareque as in 43A and 43B excavations. The only truly noteworthy artifacts in 43D excavations are a very large censur lit (unit 14 or 15), and in unit 20, a very large (almost half a pot) potsherd—vertical-walled bowl with applique on its sides—sitting on the edge of the basal terrace facing east. 43E and 43F continue to turn up a rather thick layer of sherds from 0-20 cm bgs and then quickly turn sterile.

Have uncovered a very thick and abundant midden in 43A/27 (unit 17)—yielded elite-style pottery (Ulua I, Chamelecon Polychrome, Nicamor, ...) and figurine fragments (have filled 3 15 x 25 cm bags so far!).

Finished 43C/27 (unit 19) yielding ceramics, obsidian, chert, and bajareque - and much more confusing architecture. Moving on to 43C/28 (unit 20) (see below).

Finished 43B/23 (unit 16) yielding ceramics, obsidian, chert, quartzite, and massive amounts of bajareque - many with stick impressions - most pieces 15cm x 15cm or smaller, but some much bigger. Moving on to 43B/24 (unit 17) (see below), following sabbie line.



P95-78-209 of
4/25/95

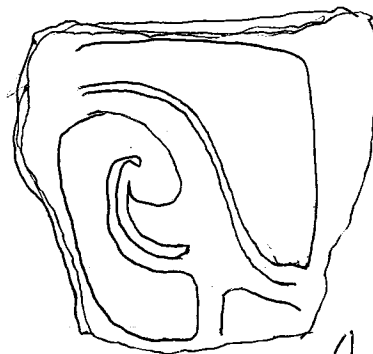
Example of Nicznor - low-relief molding and "dragon-like" designs (many have been encountered throughout these excavations - perhaps as many as 1 or 2 sherds every other lot).

(actual
size)

(Bowl rim sherd)



on a very burnished, highly
polished orange/brown paste
(relief 1-2mm above surface)
sherd - 2-3mm thick



(bowl(?) body sherd)
(sherd 1-2mm thick)

Finished 430/27 in unit 20 - still no corner of the basal
terrace - yielding ceramics (one large fulano-looking pasted
censer sherd with Prong broken off - with finger-pinned
fillet applique in two horizontal rows - very nice piece!),
and ground stone (a small, thin metate fragment).
Beginning 430/28 in unit 21 - 150cm x 100cm "N"
of unit 20 - hoping to find a corner(!).

Continuing excavations in 43A/28 (unit 18); 43B/24 (unit 17) - where we've come down on some type of living surface - a relatively flat area covered with potsherds and seemingly "lined" with bajareque; 43D/28 (unit 21) - still looking for the corner of the basal terrace; 43E/009 (unit 05) (to 60cm bgs); and 43F/08 (unit 04) (to 60cm bgs).

[Have begun drawing sections/profiles for 43E and F excavations - see map/drawings P95-78-13 through 16.]

Finished 43C/28 (unit 20) right away this morning, yielding abundant amounts of ceramics, bajareque, and obsidian (mostly proximal and distal blade tips). The "N-S" wall is now exposed on the west side of the "room" uncovered earlier - going to unit 21 to find corner (see below) for 43C/29.

43C

N
↗

X	20
21	19
22	18
X	17
X	15

Taking carbon sample (#1) from 43B/24 (unit 17) - [see P95-78-206 for location and plan of "living surface"]

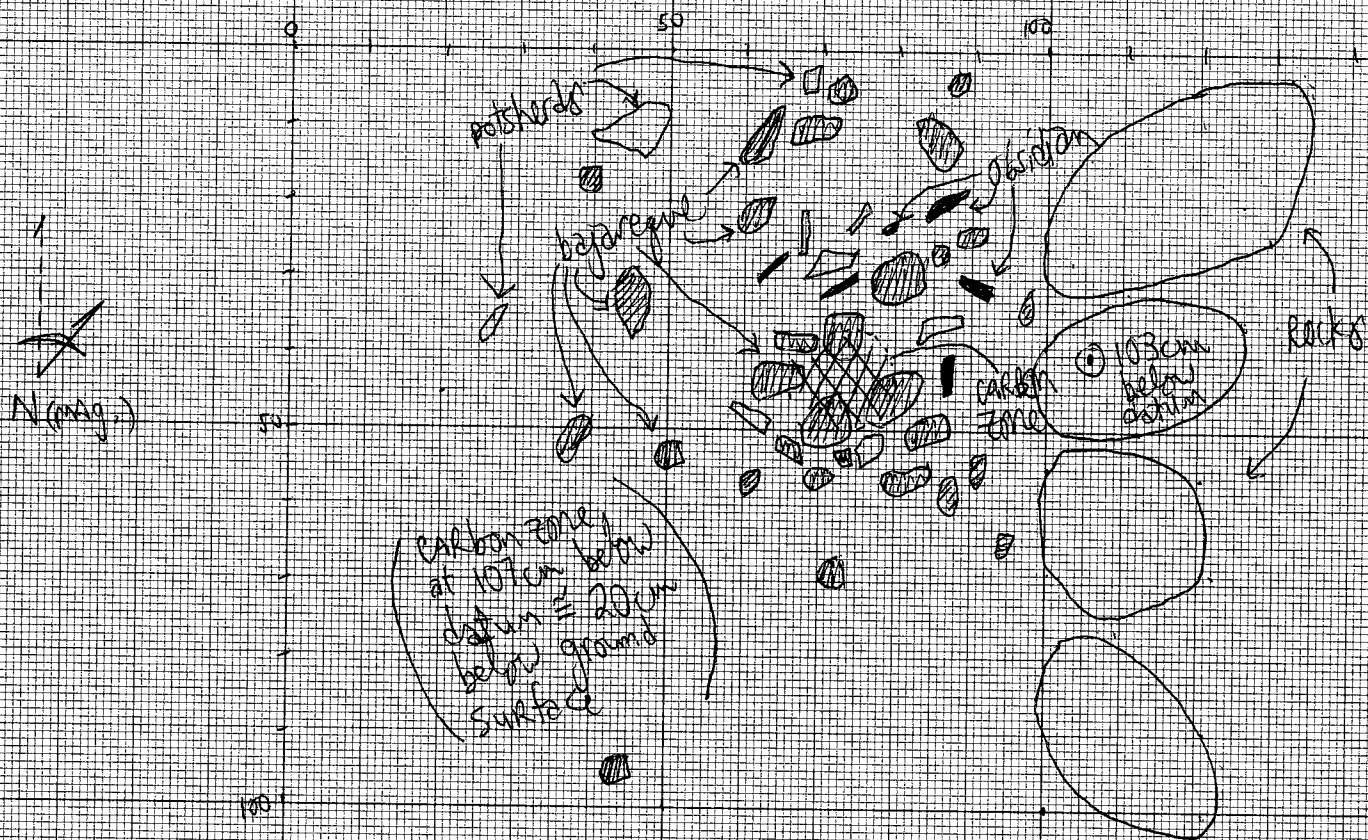
NOTE ON
Bajareque
→

Most of the bajareque being pulled out of 43B/24 (and 23) is very large, flat on one side, and stick impressions can be seen on the other. One very nice piece has a thick (4-5mm) hole running through the middle where a stick would have been, large quantities being uncovered - none exceedingly burnt.





93B/24-unit 17
carbon sample (#1)
location and plan
of bioturbate/shard layer

P95-78-206, A

4/26/95



note: between 9-18cm below ground surface - large amounts of bajareque and ceramics recovered in this area in front of stones; stones are smooth, flat-faced cobbles extending so far up into lot 16 (and possibly beyond) about 100cm.

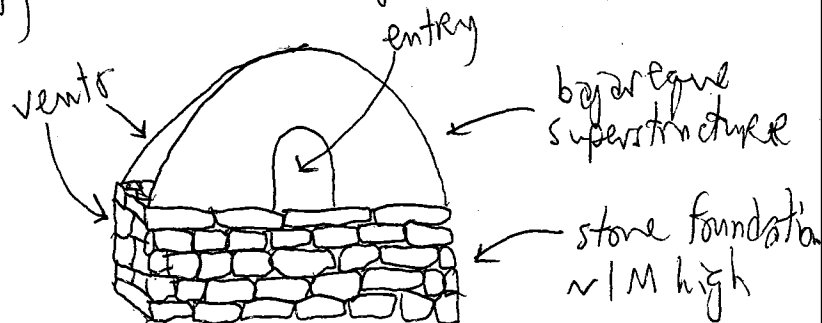
-  - Rock
-  - bryarwene
-  - Obsidian
-  - potsherd / ceramic

* Although chances for sample contamination are relatively high due to its relatively low depth, context is excellent, and the sample itself is rather dry, medium/small.

(Bajareque
cont'd) →

The bajareque is also very light as though it was made using organic (i.e. grass) temper (this temper would burn off during firing to create a lighter ceramic vs. using small pebbles and/or grog (ground sherds) which would of course not burn off - and thus remain "weighty.") - This is what is preferred for a kiln in which the superstructure would have to span more area and be lighter (or risk collapse) (vs. "house" bajareque which should be/could be heavier - for it can be made with more sticks and stones - supporting full walls - solid not a hollow expanse). Also - the bajareque (or some, anyway) seems to have several (2 or more) layers of clay application.... (see below)

example of
a small "household kiln"

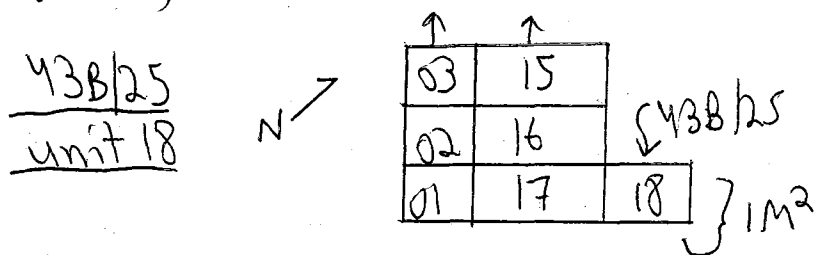


*superstructure composed of sticks in crosshatched fashion spanning the expanse of the stone base - small pebbles stuck in with ceramic/clay material = wattle and daub = bajareque "tierra quemada" ∴ the outside would be smoothed and the inside would exhibit stick impressions and be rough - exactly what we're finding!

Finished 43F/08 (unit 04) down 60cm bgs - yielding ceramics, obsidian, and bajareque. Moving on to 43F/10 (unit 05) - to continue developing soil profile - layer "C/D" noted in sections already drawn (notes P95-78-185) - is getting closer toward the surface (the layer of brown clay with caliche inclusions).

P95-78-208 of
4/26/95

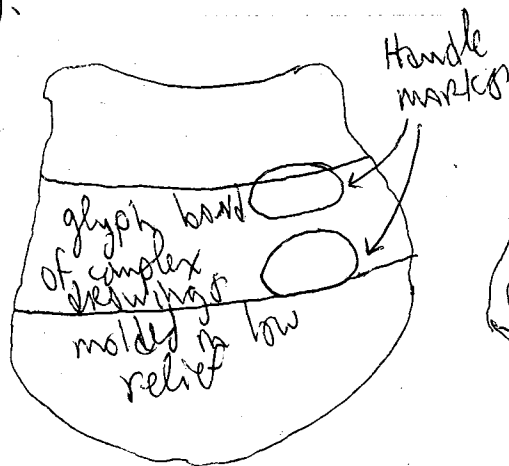
Finished 43B/24 (unit 17) yielding ceramics (in midden-like amounts), bagareque (kiln-style - in huge abundance), obsidian (about a dozen blades), a small chip/piece of what seems to be polished pyrite or hematite (mirror?) and a carbon sample (#1) (see P95-78-206). Continuing to define this line of flat-faced cobbles - going to unit 18 - 1m² "N" of unit 17 (see below).



Finished 43A/28 (unit 18) - a midden - zone just like unit 17 (43A/27). This lot yielded large amounts of ceramics (two full 15cm x 25cm bags), bagareque, obsidian, chert, and a soil sample (#1) was taken @ ~ 40-50cm bgs - pretty good context, but may be contaminated somewhat (?). Also found a lovely little Nicanor molded vessel (see below) with clay/soil inside (saved together).

Nicanor
vessel in
43A/28

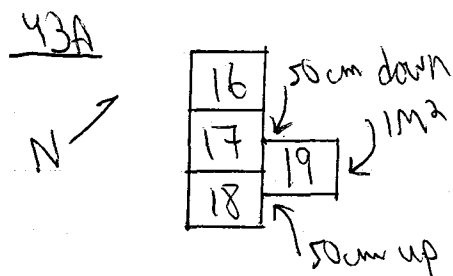
rim and half
of body



rim and part of
body

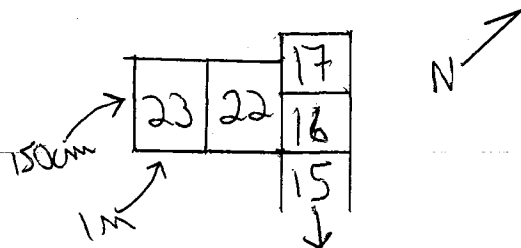
(actual sizes) very fine paste, orange slipped, polished.
(Bagged separately from lot)

Beginning 43A/29 in unit 18 - (see below for location).



Finished 43D/28 (unit 21) yielding ceramics, obsidian, and ground stone (metate fragment) [All artifacts collected so far really "Feel" like household items]. Found the corner (?) (a corner?) and looking for another now - the SW corner - in unit 22 - 43D/29 (see below).

43D/29 & 30
units 22 & 23



Finished 43E/09 (unit 05) down to 60cm bgs yielding ceramics, chert, and bagaregne. Beginning 43E/10 in unit 06 - to 60cm bgs.

Extended 43B/25 - 50cm x 100cm to the west. (now, of/between units 16 & 17).

Begun 43C/80 in unit 22 to help define tumble.

Continuing excavations in 43A/29 (unit 19), 43B/25 (unit 18), 43C/29 (unit 21) and 43C/30 (unit 22), 43D/29 (unit 22), 43E/108 (unit 06), & 43F/10 (unit 05).

Finished 43C/30 (unit 22) yielding very large amounts of ceramics, obsidian, byzantine, red ochre (pigment). Testing a small area 50cm x 100cm south of unit 21 to see if tumble extends - 43C/31 (unit 23) - down only about 30cm.

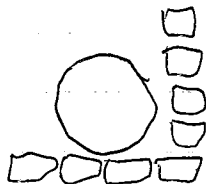
Finished 43B/25 (unit 18) yielding ceramics, chert, byzantine, and more of this red ochre/pigment. Uncovering another - separate (?) - series of flat-tiled cobbles - doesn't seem to be connected to those in unit 17 - at this time - just don't know. Opening a 100cm x 50cm unit (19) - 43B/26 - to follow some of these stones out.

Surrounding
Structures



Have surveyed the area just west of here and have located 10 rock scatters - all very distinct - with between 10 and 50 large-medium stones visible on the surface - 2 or 3 with clear alignments. That brings the number of structures on this side (W) of the depression to 13 - all may not be related to each other, but I'd like to put in a few test pits just to see what's there. To the south, then - 5 large mounds (residences, no doubt), to the east a flat expanse followed by another depression, followed by some super-eroded structures, and to the north - 4 small - obsidian workshops and site core; immediately north are two small plaza groups of residences and some heavy rock scatters on the edge of the depression (these will be tested).

Finished 43C/29 (unit 21) yielding ceramics and bajareque - no tumble, no architecture - nothing special worth noting - there is a wierd construction, though that this unit did help to uncover - of two tiny walls with a very large, circular stone at the apex:



The walls are interestingly two courses high.

Finished with 43A/29 (unit 19) yielding pure midden (!) - ceramics (in large amounts), bajareque, shell, obsidian, chert, bones (faunal) (in "healthy" amounts) - not human, more deer-like. Moving up to unit 20 - 43A/30.

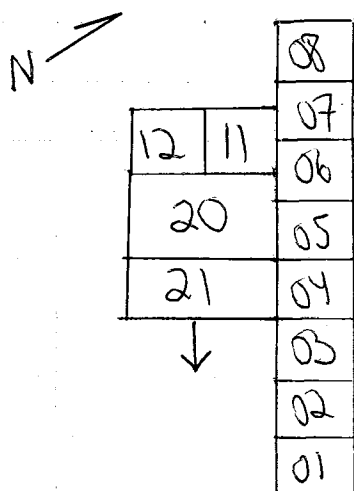
Finished 43D/29 (unit 22) yielding ceramics, obsidian, and ground stone (mano and metate fragments). Cleared out tumble to reveal the terrace line - shifting a little forward - and a new E-W wall of cut stone blocks at the base of the terrace. Opening one more unit 23 for 43D/30 to follow architecture.

Finished 43B/26 (unit 19) yielding ceramics, obsidian, chert, and bajareque (and more flat-faced cobbles going in an unknown direction connected to I don't know what!)

Beginning unit 20 - 43B/27 on other side of axial trench (South) up to the west following the large stone tumble "circle" - see next page for locations of next units.

P95-78-212 of
4/27/95

43B excavations



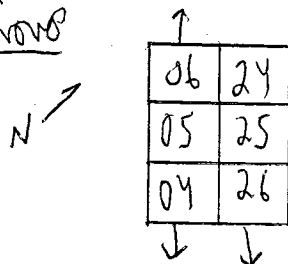
Finished 43C/31 (unit 23) yielding ceramics, bajareque, chert, and obsidian. Moving back to unit 20 to open a new lot - 43C/32 - going down to meet level of semi-circle/kiln feature found in unit 04 and following throughout these excavations.

Finished 43F/10 (unit 05) yielding a very large abundance of ceramics, and a little obsidian, and bajareque. Moving on to unit 06 for 43F/11.

[Have drawn "4 sides" section in 43F/01^{unit} and 43E/unit 01]
see P95-78-DRAWINGS - ~~12 and~~ 14, 15

Finished 43C/32 (unit 20) yielding ceramics, obsidian, and bajareque - and no continuation of architecture. Beginning to finish-out excavations on N side of original axial trench with unit 24 - 43C/33 (see below)

43C excavations



Continuing excavations in 43A/30 (unit 20), 43B/27 (unit 20), 43C/33 (unit 24), 43D/30 (unit 23), 43E/10 (unit 06), and 43F/11 (unit 06).

Finished unit 06 of 43E/10 yielding ceramics and chert.
Continuing — unit 07 — 43E/11 — down 60cm bgs, as usual.

(Heavy rain last night — not too much messed up — but) surely slowed down!

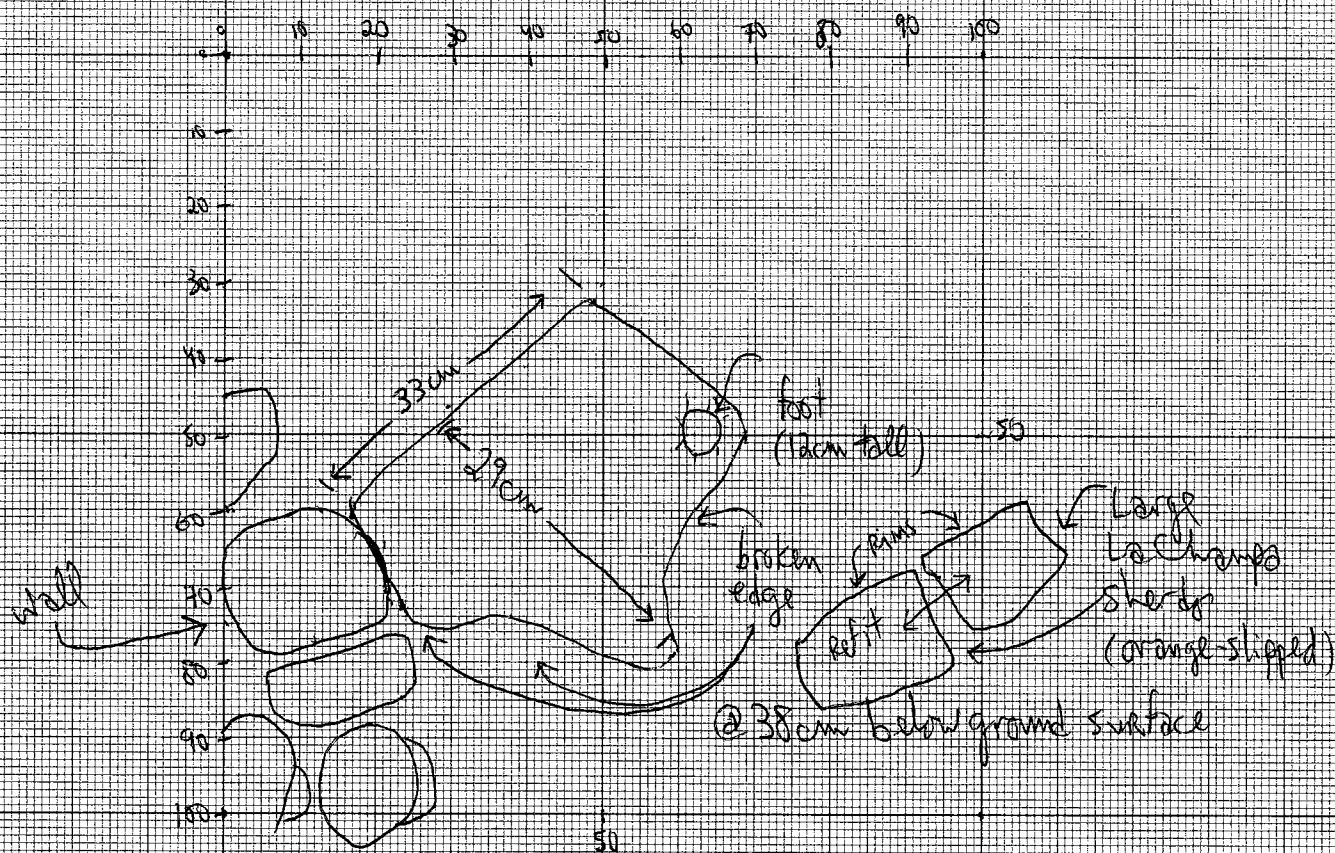
[Erosion control management: good idea, bad theory here]

Have found a rather large metate laying against an outside wall of a room in 43C/33 (unit 24) at the same depth as the basal stones of that wall suggesting this may be some "in-situ" trash and not just post-depositional, terminal debris — see P95-78-214 for map/plan.

43D/30 (unit 23) finished yielding ceramics and obsidian.
Moving on to unit 24 — 100cm x 150cm south of unit 23 — to find SW corner of structure.

43C/33 (unit 24) finished yielding large amounts of ceramics, obsidian, chert, and bajareque, and a ground stone metate (see above and next page, 214). Found final edge and corner of wall "in question" — moving on to unit 25 for 43C/34 — down to same level.

430/33-unit 24
Metate location



- ⇒ large metate fragment - medium gray, vesicular basalt - broken at midpoint (worn thin) and along edge.
- ⇒ large potsherds lying amidst more - not pictured - La Champa orange-slipped - both rim sherds - both refit for a sherd that would have been 28cm x 12cm - belongs to a wide mouthed bowl.

Finished 43F/11 in unit 06 (down 60cm bgs) - moving on to unit 07 for 43F/12. F/11 yielded very large - midden amounts of ceramics - both "kiln" and "house" bajareque, obsidian, and bone (faunal) - 2 (canine?) tooth.

Finished 43B/27 (unit 20) yielding ceramics, bajareque, bone (faunal) (possibly recent), and 2 very large, very thick metate (broken - front two legs) (ground stone). Moving EAST 100cm x 200cm to unit 21 for 43B/28.

Have postponed finishing 43A/30 in unit 20 due to lack of "insight" of tumble - moving on to open unit 21 for 43A/31 to get a better profile.

Continuing excavations in open lots: 43A/30 (unit 20), 43A/31 (unit 21), 43B/28 (unit 21), 43C/34 (unit 25), 43D/31 (unit 24), 43E/11 (unit 07), and 43F/12 (unit 07).

Nicanor
→

.... just a thought on why so many Nicanor sherds are turning up - and, sort of, what to be looking for in the ceramic analyses (Restorini) if this area is thought to be one of ceramic production - Nicanor is a good example (but could be interchanged with any "rare" pottery type, believed to be locally made - i.e. La Zorras post-fire incision, Plan de Portilla pre-fire incision, imitation Ulua Marble, etc.) Nicanor molded bowls (with low relief designs and orange-slip - sometimes burnished/polished) appear throughout La Zorras and the valley (?) in rather "sparse" numbers - perhaps because of its time-costly nature to make and possibly for its elite-intended consumer base. It would simply make more sense to have more sherds turn up here if this is a Nicanor manufacturing area (due to breakage when firing, etc.) - something to look for then, would be large numbers of sherds from wares that appear infrequently throughout the area (given they are not imported, but locally made).

→
structure
designations
wrong

Apparently, after further "survey" and investigation, the aforementioned "structure names" - R, 1A-69, and AI are incorrect - these structures actually lie several meters west of where I'm digging - this "mistake" has been amended in the notes where possible, and the lot cards and op cards.

Have begun naming features!

FEATURES



43A: "Quirigua" - wall running ~N-S, 43cm high, 58cm wide, and 200cm+ (unexcavated completely at this time) long; eastern most wall in trench and east wall of a narrow rectangular storage (?) room.

3 courses high - possibly four in antiquity (connects on NE corner to feature "Playitas").

"Playitas" - wall running ~E-W, 15cm high, 26cm wide, and 115cm long; northern wall of a narrow rectangular storage (?) room defined on the east by feature "Quirigua" and on the west by "Choco"; all walls same depth, except for "Quirigua" which goes about 15cm deeper.

"Choco" - western wall of room mentioned above - also eastern wall of another similar room; wall is 10cm high, 24cm wide, and 236cm+ (unexcavated completely at this time). This wall, as the others mentioned above appear to be built on top of a midden layer about 23cm deep which rests on an ash layer of unknown depth. "Arapahoe Viejo" divides this wall in two (see below) at ~98cm from its north end.

"Arapahoe Viejo" - wall running ~E-W making up the northern wall of a narrow room (see above) - also possibly making up the southern wall of yet another room (much larger than those mentioned previously). Wall is 35cm high, 45cm wide, and ~220cm long; this wall seems to be extended to the west - see "Las Quebradas".

(43A cont'd)

P95-78-218 of
5/2/95

"LAS QUEBRADAS" - E-W wall making up north wall of a room and possibly south wall of another - connected at NE corner by "MOJANALES" (see below) and on the NW corner by "JUYAMA" - also, "backed up" on the north by "BOBOO" (a bench/shelf). This wall is 31cm high, 45cm wide, and ~120cm long (two courses high).

"MOJANALES" - N-S wall dividing two rooms to the east and west - one course high, it meets the depth of the ~~top~~^{bottom} courses of "LAS QUEBRADAS" and "ARAPAHOE VIEJO" ~~suggesting it is a later addition. The wall~~
The wall is 42cm high and ~40cm wide, and as of now, 129cm+ long.

"BOBOO" - a bench or shelf-like feature - at this time it's unknown if it is extramural or not (probably not) - inside a "room" (?) bordered by "JUYAMA" to the west, "LAS QUEBRADAS" and "ARAPAHOE VIEJO" to the south, and "CHOCO" to the east. Two courses high (26cm), 52cm wide (from "LAS QUEBRADAS"), and 140cm long (from "JUYAMA").

"JUYAMA" - N-S wall making up the west wall for two rooms and the east wall for two different rooms - 33cm high, 62cm wide, 231cm+ long (unexcavated fully on both north and south limits. "BOBOO" seems to meet the depth of "JUYAMA"'s top course, at its lowest point - suggesting a later addition.

↑
Suggests Area may have been used
as a domicide earlier, then
Storage Area later

(YBA cont'd)

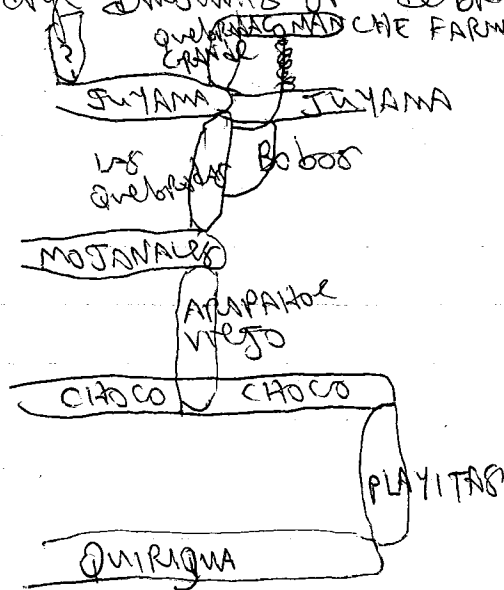
"Comanche FARM" - a very large stone making up an entire wall - the western most in this trench - it is 25cm high, 32cm ~~long~~ ^{wide}, and 80cm long - this wall probably extends further north - it ends by meeting "Quebrada Grande" on its southernmost extent.

"Quebrada Grande" - E-W wall overlaying "JUYAMA" to the east - making up a north wall and a south wall - for two separate rooms - appears to be 3 courses high, but probably 4 in antiquity, it is 31cm high, 51cm wide, and 188cm long.

SUMMARY - TO - DATE = 6 long, narrow rooms (as sketched below) - possibly for storage (the residents for the ceramics note so far that it seems several sherds refit possibly representing several distinct JARS/BOWLS). All rooms midden-filled with large amounts of debris.

Sketch of
YBA as of
5/2/95

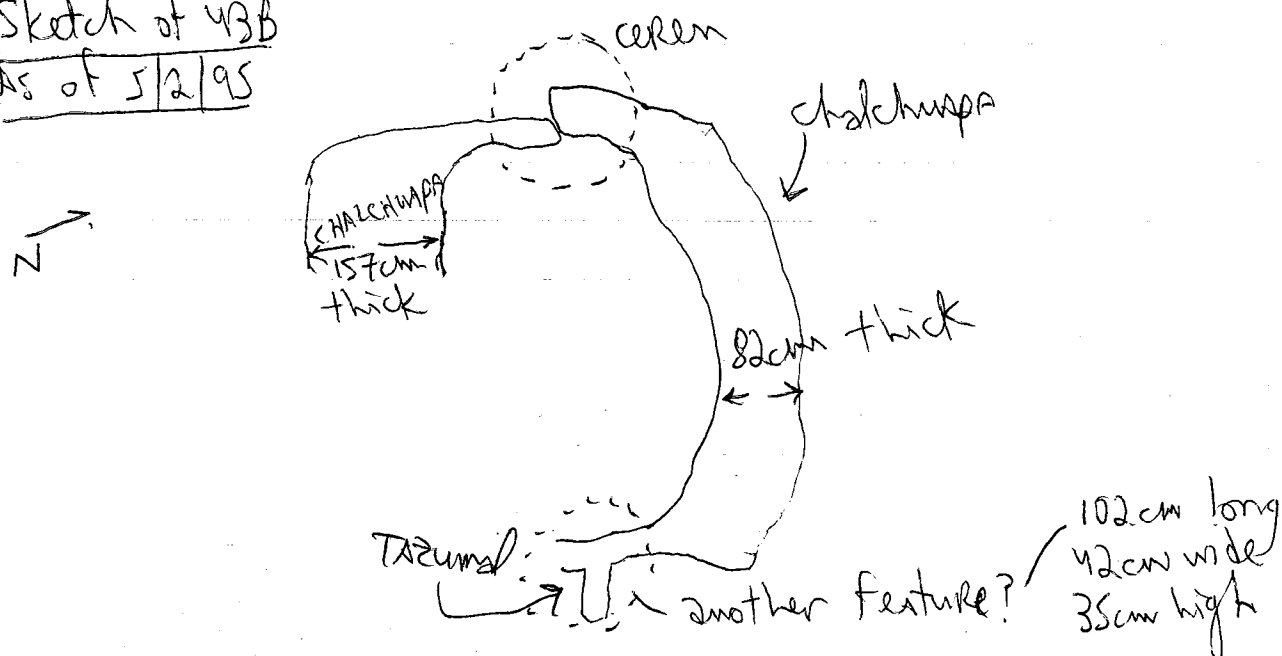
N
→



43B: "CHALCHUAPA" - TAKES up most of 43B excavations -
a very large stone circle made of tumble
and filled with ceramics of "all kinds" and
kiln bajareque - overlaying an ash deposit of
unknown depth. This circle has a height of
about 20 cm - apparently on the basal stones
of this construction remain - there were
probably no others or relatively little
tumble needed to be/was removed. Diameter
~ 520 cm with possible "vents" or "stoking hole"
present to the east and west. South half
remains to be excavated.

"CEREN" - a mixture of "tumble stones" associated with
"Chalchupa" - on its western most flank it
seems to divide Chalchupa in two. Quite
possibly a vent - its most prominent feature is
a large flat, vertical stone pressed up against
a series of "tumble-like" stones to the south.
Again, probably a vent.

Sketch of 43B
As of 5/2/95



43C: many features - of uncertain relation to each other - noted below in brevity - will expand more later when more can be discerned.

- "Quelepa" - stone box(?) - of cut stone
- "Lo De Vaz" - wall
- "Las Vegas" - wall
- "Los Naranjos" - wall
- "Gualojquito" - wall
- "SPAN" - wall
- "Naco" - wall
- "Baide" - wall
- "Travesia" - wall(?)
- "LA SIERRA" - stone semi-circle
- "Santo Domingo" - paved floor surrounded by "La Sierra" on the west and "Las Vegas" on the east (and possibly "Los Naranjos" on the south).

} Room

Other features are visible, but unnamed at this point - excavations continuing....

Have NOTED A possible feature in 43B excavations - a post hole (or root stain) (?) in the near center of "Chalchupa" - will excavate - quarter, etc. to determine shape - basically, it's a dark gray/black soil in a tube shape extending down surrounded by white/tan ASH-like soil (so far - 24cm+ deep and ~18cm wide).

P95-78-222 of
5/2/95

Finished 43E/11 (unit 07) yielding ceramics, bajareque, and chert - in an increasingly terminal debris-like fashion vs. the middens of the earlier units excavated in this subop. Am moving on to unit 08 for 43E/12 - down 60cm bgs, as usual.

Have extended 43E trench to include three more units to the ~~the~~ north and three more units to the ~~the~~ south - a total of 15 meters ($1 \times 1 \times 60$ cm) now in length - 2 M wide.

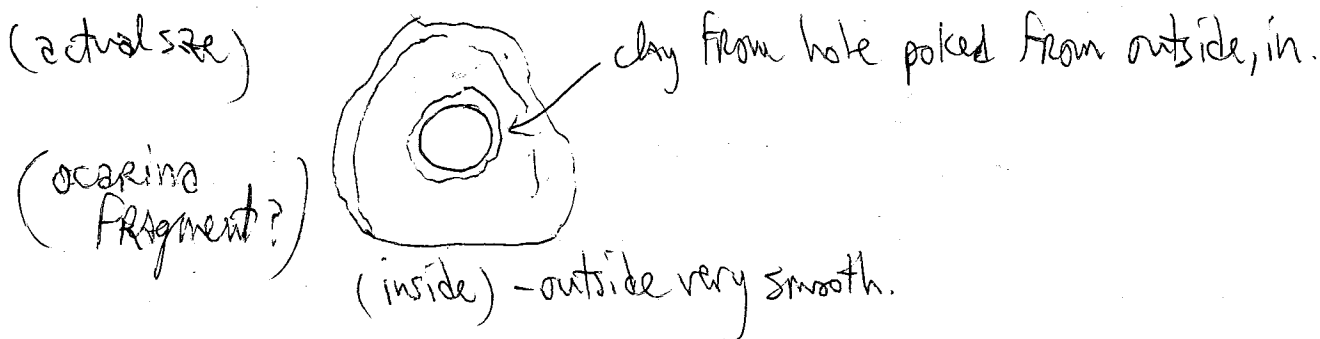
Have begun 43C/35 in unit 26 - confusing architecture dictates that before we finish 43C/34, we open another to get a better look.

Have collected another Bag (#2) from ~~43D/11~~ 43F/11 (unit 06) - although "finished" as of 4/28/95 - sherds, figurine fragments (collectively, "ceramics"), & bajareque (both house and kiln, apparently) - Labeled Bag 2 of 2.

Finished 43D/31 yielding ceramics and ground stone (metate fragment - leg). Defined corner (SW) of structure - with a possible continuation to the south (?) - preservation so bad - only excavating a little more on this structure then moving on. Next lot - 43D/32 will be in unit 25 - 1 m² ~~west~~ north of meter/unit 14 (in original axial trench. Going to follow a little of the summit architecture out to get a better perspective on this residential unit.

Opened 43C/36 - unit 27 for still, yet a better look before removing tumble.

Finished 43A/30 (unit 20) yielding midden - amounts of ceramics; bajareque, chert, obsidian, and shell. Also - two unusual ceramic pieces, fired orange (like bajareque) - that look very much like earflares - but are very rough around the edges as if to suggest figurine pieces, possibly - not pendants, not spindle whorls (see below).



Continuing with 43A/31 (unit 21) and opening 43A/32 in unit 22. - 1 m² W of unit 21.

43D/32 (unit 25) finished - yielding 3 potsherds and 1 small piece of shell. Feature on summit appears to be a wall running ~ E-W. Moving onto last (!) unit in this subop's excavations - 1 m² N of meter/unit 13 for 43D/33 - unit 26

Finished 43B/28 (unit 21) yielding ceramics, bajareque, obsidian, chert, shell, bone (faunal teeth), and ground stone (- a very large and thick trough metate with no legs - apparently made from a different volcanic material than the usual vesicular basalt - possibly andesite.... 46 cm long, 28 cm wide (estimated), ~22 cm high - trough basin very smooth - well worn - it doesn't

Kiln in
43B?

Really seem like a "corn-grinding" metate - possibly used in the production of ceramics - grinding temper, clay, ...? ^{in 3 pieces} Moving on 100cm x 200cm east of unit 21 to unit 22 - 43B/29 - new lot. May be uncovering a possible "gap" in the circle/oval - possibly a stoking hole(?) or other related feature. Have also discovered that this circle may be much thicker than last thought - current excavations seem to reveal that the perimeter actually extends beyond the current units - will have to excavate further to see. Also now may be able to discern this crazy line of stones - "feature" to the northwest of 43B excavations. After reading the 1990 and 1991 Informes (in the Lab) for this project (NVAP), it seems that this feature may be an associated platform - possibly used for stoking wood to heat the kiln - again, further excavation is needed.

Finished 43A/31 (unit 21) yielding midden amount of ceramics, ground stone (metate fragment), chert, obsidian, bayonet, bone (faunal), shell, - and in addition - a small potsherd with heavy organic deposits "burned" on, and a full/complete 3-chambered candlestick - well made and in very good condition. More "daunting" walls emerging - one going E-W (?) and one N-S (?) - continuing with 43A/32 in unit 22 (already opened).

new
feature

Named a new Feature - "Tazumal" - a small wall projecting out eastward from the center/end of the large stone circle in 43B - possibly a vent or stoking hole if the circle turns out to be a kiln (of sorts). About 70cm long, 45cm wide, and 15cm high.

Continuing 43A/32 (unit 22), 43B/29 (unit 22), 43C/34, 35, & 36 (units 25, 26, & 27 respectively), 43D/33 (unit 26), 43E/12 (unit 08), and 43F/12 (unit 07).

Finished 43C/34 yielding ceramics (in large quantities), bajareque (house?), shell and obsidian. Also finished 43C/35 yielding ceramics, ^{obsidian} bajareque. Also finished 43C/36 yielding ceramics, obsidian, groundstone (metate fragment) and bajareque. With all three done (in a row) (all at once) - can get a better picture - "Las Vegas" seems to continue its sine-wave-like following; "Naco" seems to be extended (later?) to end up forming a small box on top of "Santo Domingo" which follows inside. "Lo De Vaca" may have an analogous partner (in 43C, unit 27) - continuing on to 43C/37 in unit 28 - 1m² E of unit 27 down to level of cut-stone "box" (?) to see if it does in fact continue.

Finished 43B/29 (unit 22) yielding ceramics, obsidian, chert, shell, bajareque, and (ground stone (~~not~~ complete mano and complete metate) - the mano and metate were found together in the midst of a "sea of tumble" - most probably used as fill/building construction. Make of the stone circle uncovered. Moving on to 43B/30 - unit 23 - 100cm x 200cm E of unit 22.

Evidence
for pit
dug in
Antiquity
see 43F
unit 15
Pit

In 43E and F: E yielding a consistent amount of ceramic debris ≤ 20 cm from surface to bgs. F yielding ceramic debris in increasing amounts as approach center - now in unit 07 (of 15 to center) and at about 75cm of midden - from surface to bgs. This suggests that the pit was dug in antiquity and these large amounts of debris in F are being washed down from E (in antiquity).

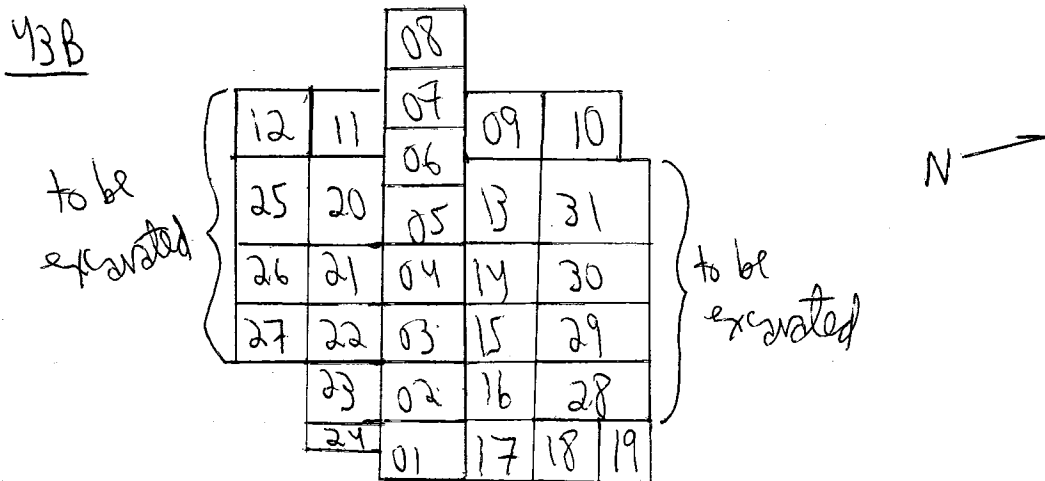
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Finished 43B/30 (unit 23) yielding ceramics and bauxite - not much because just the surface cleared to view extent of "tumble" / basal stones (?). Moving on to unit 24 - 50 cm x 200 cm E of unit 23 (43B/31).

Finished 430/33 (unit 26) yielding ceramics, obsidian, and bone. This concludes excavations in 430 subop!!! This clearing of the summit architecture revealed an E-W wall and a N-S wall (we excavated a corner of a room). Features will be named and described later - including a summary on the architecture and general artifacts uncovered.

Finished 43E/12 (unit 08) yielding ceramics, bone, and chert (beautiful red/rose colored). Down 60cm bgs. Beginning 43E/13 - unit 09.

Have moved workers from 43D excavations to 43B excavations in unit 28 (see below for unit layouts) - for 43B/32.

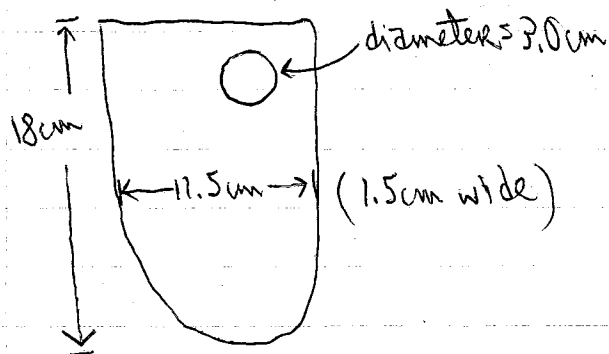


p95-78227 of
5/03/95

Finished 43C/37 (unit 28) yielding ceramics (including ones with organic/burnt debris), obsidian, bajareque, drilled schist(!), and ground stone (two mano fragments and two metate fragments) (see illustrations below).

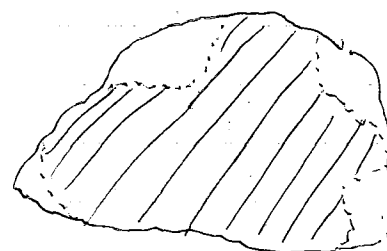
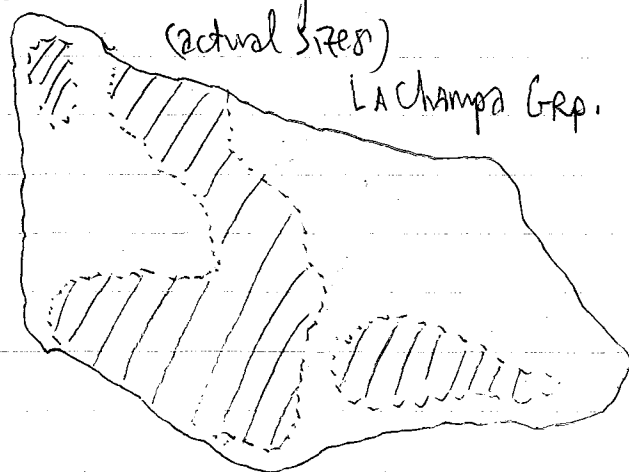
43C/37 artifacts

drilled/worked schist:



worked on all edges; blue schist;
relatively flat on both sides

shards with organic residue:
(actual sizes)



Guinea?

very thick black carbon-like
residue - not burn marks -
the residue is obviously on
the inside of the jar/bowl.

Beginning in unit 29 - 1m² N of unit 25 - for 43C/38.

p95-78-228 of
5/03/95

Finished 43F/12 (unit 07) yielding large amounts of ceramics, bajareque, obsidian, and chert - the further into the pit we go - the more we get! Moving on then to 43F/13 in unit 08 - 1m² NW adjacent to unit 07 - down 60 cm bgs. Trees and roots are beginning to get in the way! Our "1m²" may not exactly be squared all the time (in units 07-10). Despite this disturbance, excavations are going quite well.

Finished 43A/32 yielding ceramics, obsidian, shell, bone (animal), and ground stone (mano fragment) - (no bajareque!!!)
Moving on to unit 23 - 1m² W of unit 22 (present) for 43A/33 - following architecture.

[Have changed 43B/31 - unit 24 from 50cm x 200cm to 100cm x 200cm - as for 43B/28, 29, & 30 - measuring error!]

Continuing - 43A/33 (unit 23), 43B/31 (unit 24),
43B/32 (unit 28), 43C/38 (unit 29), 43E/13 (unit 09),
and 43F/13 (unit 08).

Named New Features:

43A-"GUAYATAN" - a NE-W wall connected to the north end of "CHOCO" to the east and the north end of "JUYANA" on the west forming a room - its "southern counterpart" is made up of walls "Arapahoe Vieg" and "Las Quebradas" and the bench in the southwest corner, "Bobos." "Guayatan" is apparently in a T-shape/form of sorts (more on this later), and is 26cm high, 43cm wide (but differs in parts), and about 350 cm long. At its center may be an "outward bench/shelf" (part of the "T" shape).

43B- "Cihuatlan" - the adjacent platform to "chakhuapa" - on the northeast "corner" of "chakhuapa" - trapezoidal (?) in shape, it measures roughly, 225cm x 160cm - is one stone high, one stone thick (flat-faced cobbles) - may be the area where wood was stored to fire the "kimi"? [each wall about 35cm thick and 10cm high]

[NOTE: orientations, etc. of features - and more in detail - see "Feature Summaries" at end of notes.]

(New Features cont'd)

43C - "Los Higos" - extension (?) of "Naco" running SW-NE; possibly forming a "box" room with "Bride", "LA Sierra" and an unnamed feature to the east - with part of "Santo Domingo" as floor. More on this later when better defined.

43D - "Quimistan" - apparently a very broad/extensive "basal" terrace on which the summit structure(s) rest - poorly preserved/badly eroded - made of schist, cobbles, basalt, and the common large-medium stones seen in the north group excavations. Hard to define, but it may be about 8-9m x 8-9m - one terrace - high - 30cm high, now - but was probably 60-70cm in antiquity, judging from the profile (3 courses now - 6 then?)

"Choloma" - ~N-S wall 2-3 courses high (30cm) - x70cm wide - located roughly 165cm from the east edge of "Quimistan."

"Playa De los Muertos" - NE-W wall with a large, square cut stone block in the center - the wall is about 25cm high now - but looks like it would have been 45-50 cm in antiquity (possibly higher, but nothing preserved over this limit). This wall is much higher than "Choloma" but apparently on a "first terrace" suggesting that there actually may be two terraces (?). This wall is about 275cm long.

(New features cont'd)

P95-78-231d
5/04/95

(43D cont'd)

"Soliton" - a ~N-S wall extending off of "Playa De los Muertos" - of undeterminable length - poorly preserved - ~15-30cm high (but higher in antiquity?) - and about 30cm wide. It looks "slapped-on," and pretty sloppy - abutting "Playa..." at about 1m from the SE corner. Possibly added during Post Classic (?) - which seems very likely due to the relatively large number of cut-stone blocks used in this structure's overall construction (8 in all uncovered).

"Yarumela" - either a separate "basal" terrace or the west edge of "Quimistan" - about 8-9m long - but really not sure, and 40-50cm high - made of same material as in "Quimistan," but a little better preserved (and I mean little!)

"El Nispero" - a possible inset stairway of two steps leading up to "Yarumela" on the west side of the structure - made of schist, cut-stone, and large cobbles. 1st step = 10cm x 33cm, then 8-9cm in - a 15cm x 23cm step (only one stone preserved here) - Apparently tacked on - abutting against "Yarumela."

Finished 43C/38 (unit 29) yielding ceramics (midden?) bajareque, obsidian, and groundstone (metate fragment) and some tumble with minimal construction apparent. Moving on to 43C/39 for unit 30 - 1 m² E of unit 29.

Finished 43B/31 (unit 24) yielding ceramics, chert, obsidian, and bajareque - more of stone circle uncovered - southeastern extent. Finished 43B/32 (unit 28) yielding ceramics - in large amount, obsidian, ^{chert} bajareque, and shell - most full of platform uncovered.

Moving on to 43B/33 (unit 29 - 100cm x 170cm west of unit 28) and 43B/34 (unit 25 - 1 m² south of unit 20 - 1 m² east of unit 1a).

Finished 43C/39 (unit 30) yielding large amounts of ceramics (including a perfect example of a calpulcer crude bowl), obsidian, and bajareque - moving down to unit 31 - 1 m² E of unit 30 for 43C/40.

Finished 43E/13 (unit 09) yielding a "paucity" of ceramic debris, bajareque, and chert. On to unit 10 - 1 m² SE of unit 09 for 43E/14.

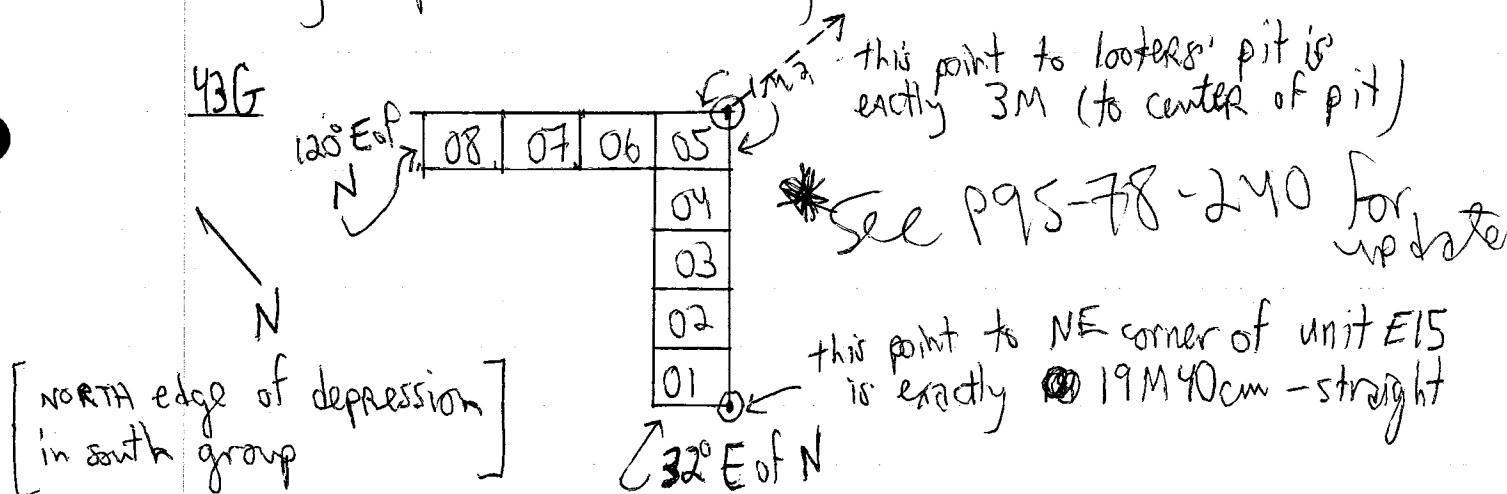
Finished 43F/13 (unit 08) yielding "mammoth" amounts of ceramics (two very full bags - 15cm x 25cm), bajareque, and a Rock (!) blue - much like a natural form of copper (but probably not!) On to unit 09 for 43F/14 - 1 m² SW of unit 08.

Finished 43B/34 (unit 25) yielding ceramics, obsidian, bone (faunal), and Bajareque. On to unit 26 - 1 m² E - for 43B/35.

Continuing - 43A/33 (unit 23), 43B/33 (unit 29), 43B/35 (unit 26),
43C/40 (unit 31), 43E/14 (unit 10), and 43F/14 (unit 09).

New
Subop
"G"

Have set up a new subop, done some worker shifting - and
vuala - G! - An 8M trench in an L-shape (see below)
placed on top of a suspected midden (earlier looters' hole
very nearby suggests so. To be dug in 25cm levels until
100cm for each unit - standardization seems to be the best
"road-of-attack" when dealing with a midden - unless we
encounter evidence to suggest otherwise (i.e. stratigraphic
sealing of part of the midden).

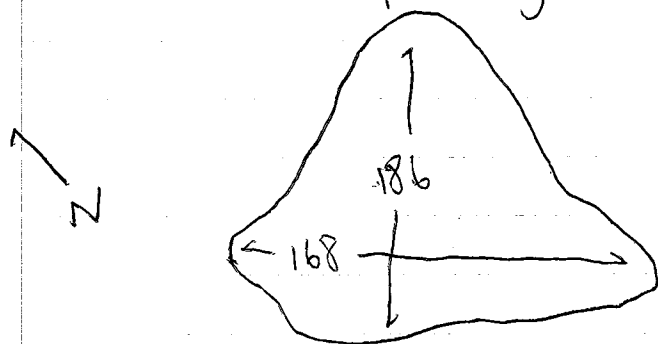


Began 43G/01 in unit 01 - lots of ceramics (no doubt!),
and the soil - is actually soil - very dry and very much
dirt - not at all the clay we're finding in the other
excavations.

P95-78-234 of
5/05/95

Loops
Pit

Near 43G excavations → roughly 168cm x 186cm
and 70 cm deep - very raw, jagged pit (see below)



Profile reveals thick midden - lots of ceramics - large diagnostic pieces. At the beginning of the season, a team was deployed to collect the obvious debris remaining in the pit - several (5 or 6) large (15cm x 25cm) bags were filled with ceramic debris (now in lab) [will discuss in final report later] Represented, now visible, seems to be SPARKS Grp., La Champa Grp., Conep, and others much too dirty to tell. Surface around pit is littered with shard debris (some - very little, though) obsidian blade fragments and debitage present) - a rough estimate: on the average 50cm² area - about 25 sherds visible - this concentration extends for some 6-7M in all directions.

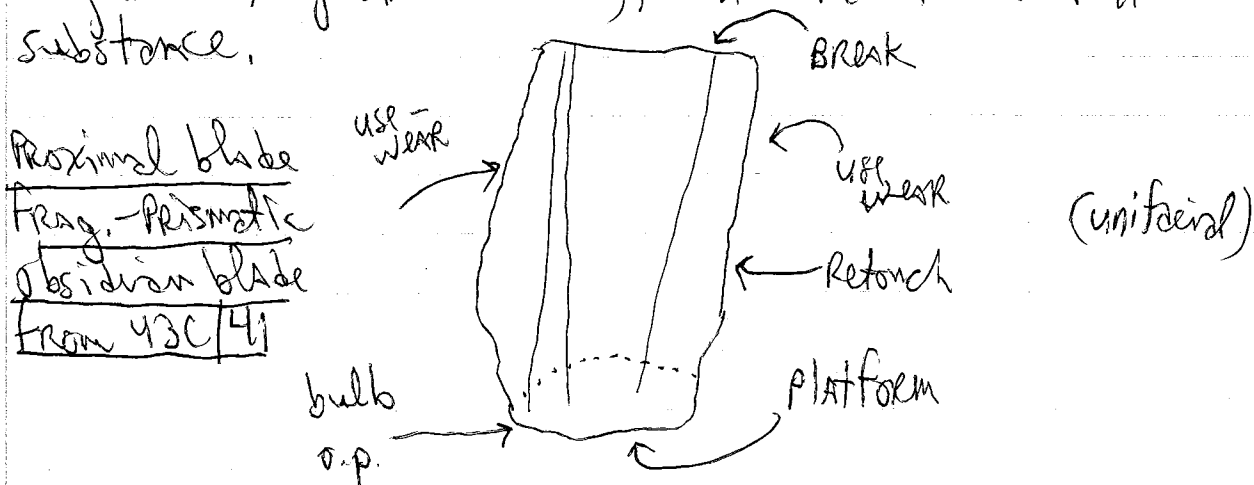
Finished 43G/01 (unit 01 - down 25cm bgs) - of course - midden amounts of ceramics - good, big pieces (!) - some obsidian, bone (faunal), and bajareque. Moving down 25cm more to 50cm bgs for 43G/02 (still unit 01)

Finished 43B/33 - unit 29 yielding ceramics, obsidian, chert, bayareque red ochre/hematite pigment, and bone (faunal).
more of the platform defined - moving up 100cm x 170cm W to unit 30 for 43B/36.

Finished 43B/35 - unit 26 yielding ceramics, obsidian, bayareque, red ochre/hematite pigment - more of the stone circle uncovered - deeper and thicker than I thought (!).
Moving on to unit 27 for 43B/37 - 1m² E of unit 26.

Finished 43C/40 - unit 31 yielding ceramics, obsidian, bone (faunal), and bayareque. It's becoming apparent what's going on here architecturally (namely four construction phases - to be described in the final notes) - moving on to chase out another paved semi-circle for 43C/41, unit 32 - 75cm x 75cm east of unit 31.

Finished 43C/41 - unit 32 yielding, besides the rest of the semi-circle, ceramics, bayareque, obsidian (including a very big blade fragment - see below), and more of this red hematite substance.



P95-78-236 of
5/05/95

Finished 43B/37 (unit 27) - yielding ceramics, obsidian,
and biface. Beginning 43B/38 - unit 32 - 1 m² E.

Finished 43B/38 - unit 32 yielding ceramics only (!)

Possibly have found extent of stone circle - initiating a
"test trench" (~10cm wide x 3m long) to see

Finished 43E/14 (unit 10) yielding ceramics (only).
On to 43E/15 - unit 11 - 1 m² SW.

Began 43C/42 on south edge of 43C excavation extent -
see P95-78-237 for dimensions of excavation unit-33.

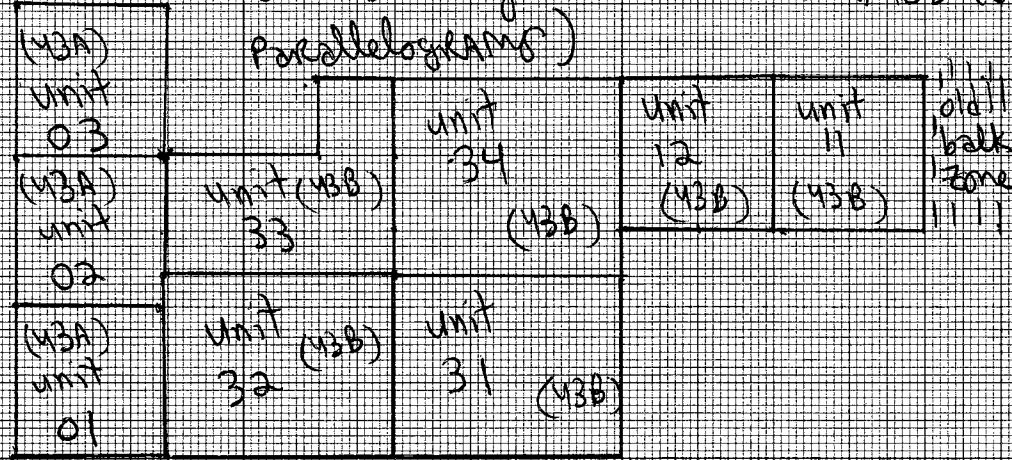
Special Finds: 43C/02 (unit 01) = semi-exhausted obsidian
core w/ no apparent flake removal scars on
outside - top w/ cortex - bottom clean - looks
biconical or perhaps just a bad start -
obvious core tab. removal on bottom. 5.56cm
long, 2.0 cm thick making blade about the
same length - found in context of midden, among
ceramic debris @ ~ 50cm bgs, in ash-like deposit.
43A/33 (unit 23) = stamp fragments - one with
geometric designs - possible bird wings (?), and
one almost complete stamp - very used - very
worn - design indiscernable - with handle.
43A/34 - worked stone (basalt ?) - possible
sculpture fragment of arm w/ elbow (@ ~
90°) - 25cm - 18cm long, 10cm x 10cm wide/
thick.

4300 Excavation
PLAN to JDA
43C and 43B
43B and 43A



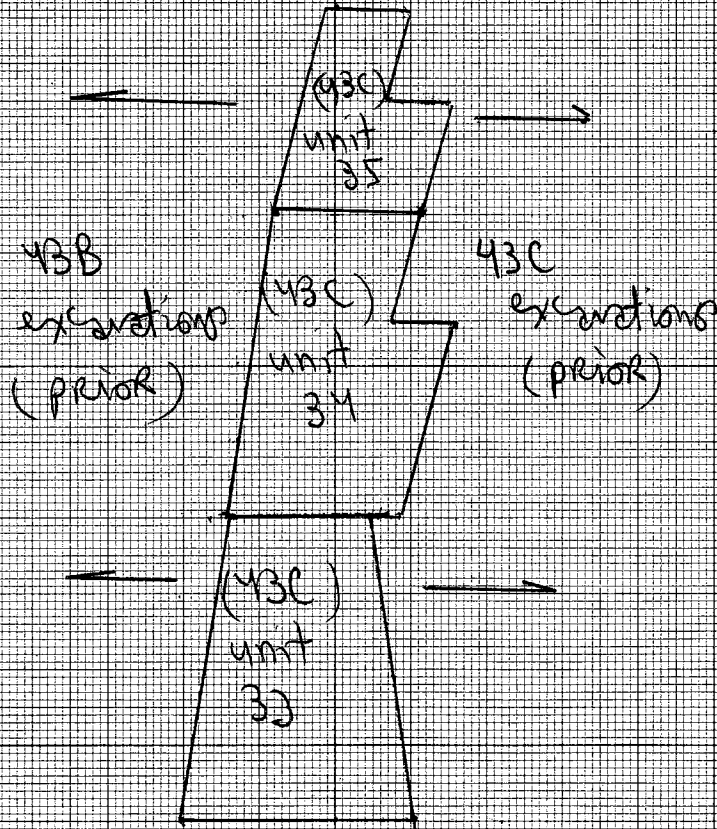
43B + 43A

(original trench orientations have distorted these lines in reality to a small degree - units 31-34 & 43B actually appear as parallelograms)



43B + 43C

(orientations are
distorted as they appear
(unfortunately!))



P95-78-239 of
5/5/95

House
Kitchen
Bajareque

(Special Finds cont'd)

438/36 = Really cool bajareque! One big piece - with accompanying fragments. Very light - with impressions of curved sticks on its rough side - also on rough side are black and gray ash deposits and burned areas. On the other side - very smooth / flat with a phosphate coating - bright white - possibly recast several times. Better than classic ~~thick~~ bajareque (!) 22cm long x 11.5cm wide x 5cm thick. Stick impressions are roughly .8-.9cm thick, each (there are two) and ash area is ~6cm in diameter with peripheral burning all over. Overall - bright orange bajareque with miscellaneous inclusions - seemingly porous in some areas?

Begun 43A/34 - unit 24 - 1m² W.

Finished 43A/33 (unit 23) - yielding ceramics, bajareque, shell, obsidian, chert, drilled schist, an unidentified white rock - glassy (probably a chert - looks much like a bunch spall?) and ground stone (mano fragment). Finished 43A/34 (unit 24) yielding ceramics, obsidian, chert, shell, bone (faunal or human?), bajareque, worked stone (sculpture fragment? see P95-78-236), and ground stone (metate fragment) - NOTE - all mano/metate - ground stone fragments found in 43 subtop A excavations have been extramural or used in construction (i.e. part of wall) - never in direct midden context in a room.

Final edges of NW Rooms revealed - a little more removal of tumble should show an entrance feature.

P95-78-237f
5/05/95

Finished 43B/36 (unit 30) yielding ceramics, byzantine, obsidian, chert, and bone (faunal? human?). More of rooms/platforms uncovered.

Finished 43G/02 (unit 01) - midden to the north of the depression - yielding ceramics in very large amounts, obsidian, shell, and mica. Gaily down to 43G/03 - 25cm lower (still in unit 01).

Have decided to alter excavation plan for NORTH zone:
No 43H (the long rectangular feature dominating the northern tip of the depression - probably related to the plaza group it "faces" - but of unknown function - was to be 15M trench, ...) - and a shortened plan on 43G excavations - due to lack of workers/back of time and abundance of ceramic debris/artifacts in midden - see P95-78-237 for plan - which includes excavating in only 3 meters/unit - down 100cm in 25cm levels and investigation of looters' pit nearby.

⚡
"Quelepa"
of 43C

Idea on "Quelepa" in 43C excavations - Quelepa is a large stone cut-block angled upward flanked by another, but smaller stone - also a cut-block (see "feature summaries" 2 head) - Ed suggests that it was placed there purposefully - due to its low position/depth, context, relationship to "Lo de Vaca" and simply the fact that it could not have fallen in such a fashion - he suggests that it may have been an early attempt to mine clay from the area - more later on this idea.

P95-78-240 of
5/08/95

Focus of
Research

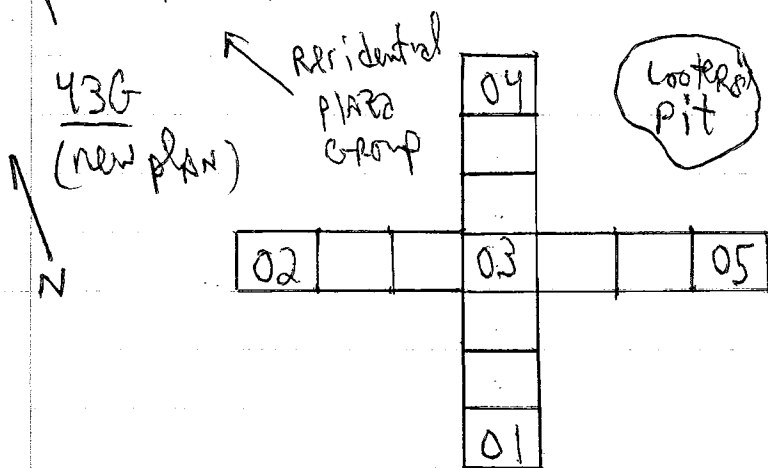
Topic of
Paper

Simply not enough evidence surfacing for ceramic production to be "obvious and evident" - although much evidence has surfaced to make "good" inferences. Perhaps, then - this project's focus should be on clay-borrowing, for there is ample, solid evidence for such - and ceramic production can be a further hypothesis developed, (?)

Continuing 43C/42 (unit 33) (see P95-78-237/236), 43E/15 (unit 11), 43F/14 (unit 09), 43G/03 (unit 01), and beginning 43B/39 in unit 30 - 100cm x 170cm, W of unit 29 and beginning 43A/35 - unit 25 - 1 M² S of unit 11 (from original axial trench).

NEW
43G
PLAN

Have begun more excavations in 43G with an all new plan in mind:



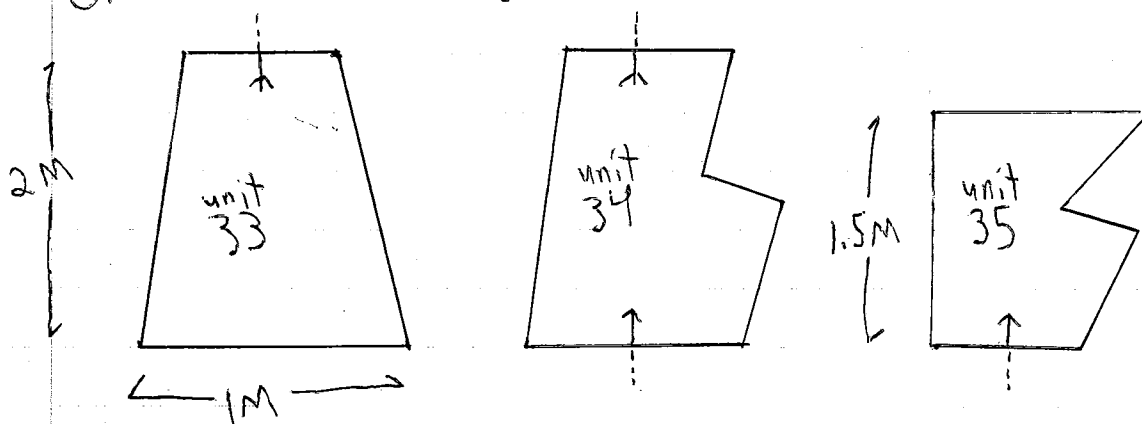
43 E excavations



Starting 43G/04 in unit 02 (see above) and continuing 43G/03 in unit 01.

P95-78-241 of
5/08/95

Continuing 43C/42 in unit 33. See below for dimensions and sizes of units:



Finished 43C/42 (unit 33) - yielding some tumble and possible extensions of platforms. Also yielded ceramics, bajareque, (very good, burnt house bajareque - see P95-78-239 - possibly related to find in 43B/36 on 05/05/95), and ground stone (metate fragment) (in tumble / on "surface" where other flat-laying cobble are - but not related to any visible construction).

Beginning 43C/43 in unit 34 (see above).

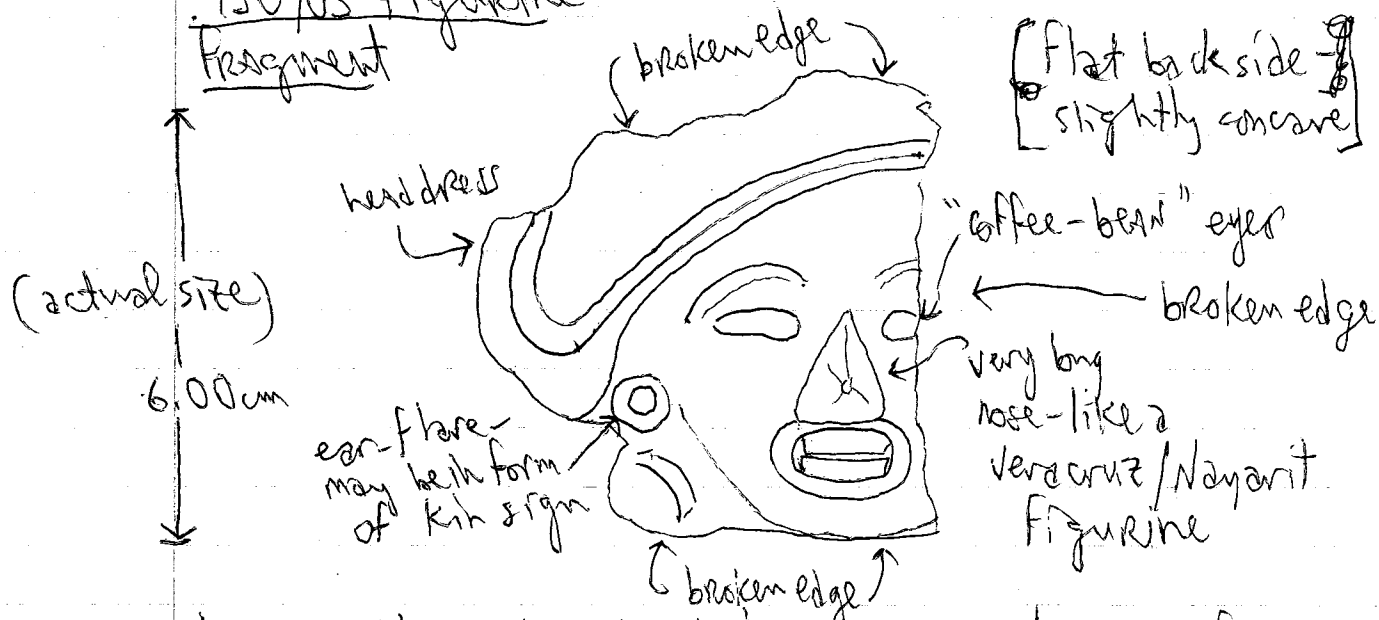
Finished 43F/14 (unit 09) yielding ceramics, obsidian, and bajareque - moving on 1m² NW to unit 10 for 43F/15.

Finished 43G/03 (unit 01) [50cm-75cm bgo level] yielding 2 large bags of ceramics, including a figurine head - see next page), shell, obsidian, bajareque, and ground stone (mano fragment). Moving on to 75cm-1m bgo level in unit 01 for 43G/05.

Also took 2 "soil" - really ASH sample @ 90cm bgo in unit 01 43G/05. (#1).

5Y 7/1

43G/03 Figure the
Fragment

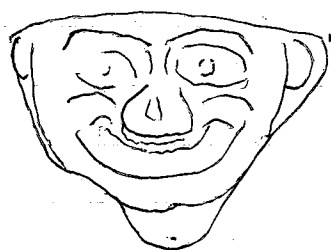


looks mold-made w/ reddish-orange paste (very fine - only microscopic inclusions)

Finished 43A/35 (unit 25) yielding ceramics, obsidian, bajareque, a very smoothed stone (worked?), and a monkey's head figurine fragment:

43A/35

(actual size)



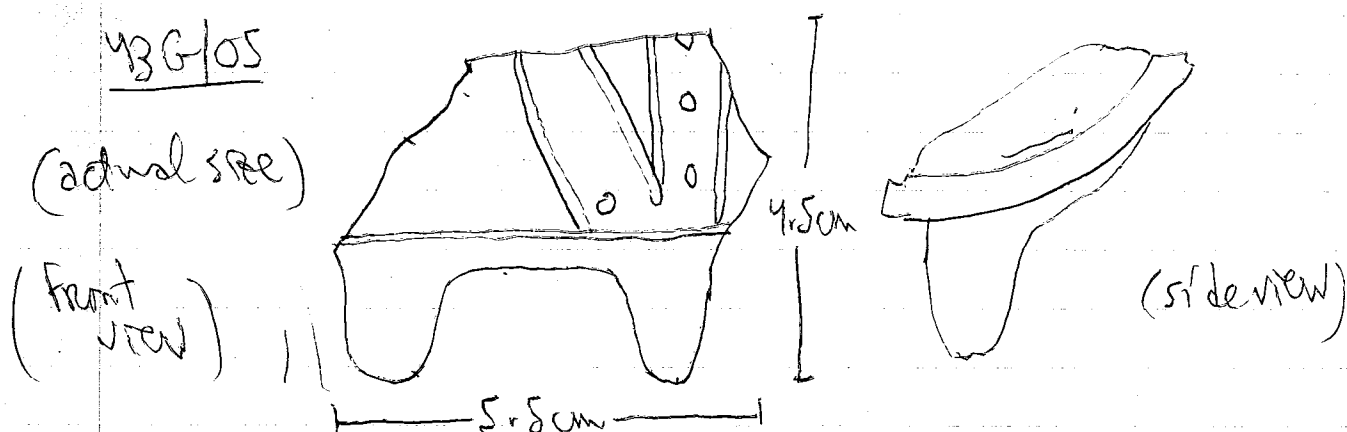
3.0 cm

orange paste - hollow in back.

Beginning 43A/36 in unit 26 - 150 cm x 100 cm E of unit 25
(also) 150 cm x 100 cm - extended by 150 cm).

Finished Y3G/04 (unit 02) yielding 3 large bags of ceramics, bajareque, obsidian, chert, mica, and bone (faunal). Moving down 25cm to Y3G/06 still in unit 02

Finished Y3G/05 (unit 01) - down now to 1 meter. yielded ceramics (3 large bags), obsidian, bajareque, shell, and some figurine pieces and a large piece of a small tripod vessel with geometric designs/incisions/punctures on the exterior



Moving on to unit 03 - 25cm logs to start for Y3G/07.

Began Y3A/37 (unit 30 - the other end of the current trench - 1M x 150cm south of unit 04) "to come at it at another angle" - with the advent of two new workers.

Finished Y3B/39 (unit 30) yielding ceramics, obsidian, chert, shell, and bajareque - little in the way of architecture uncovered.

Moving these workers to begin unit 15 - Y3G/16 - down 200cm in all - but in 50cm lots/levels.

Finished 43C/43 (unit 34) yielding ceramics, bajareque, obsidian, and ground stone (metate fragment).
Special note: one piece of bajareque had an actual potsherd (type unknown) baked onto it (!). This lot also yielded a candelero fragment with decorations all over it, and of note - very large amounts of bajareque - all found at a general depth of about 100cm below datum 43-01. Beginning in unit 35 for 43C/44 to clear away rest of area between 43B and 43C excavations.

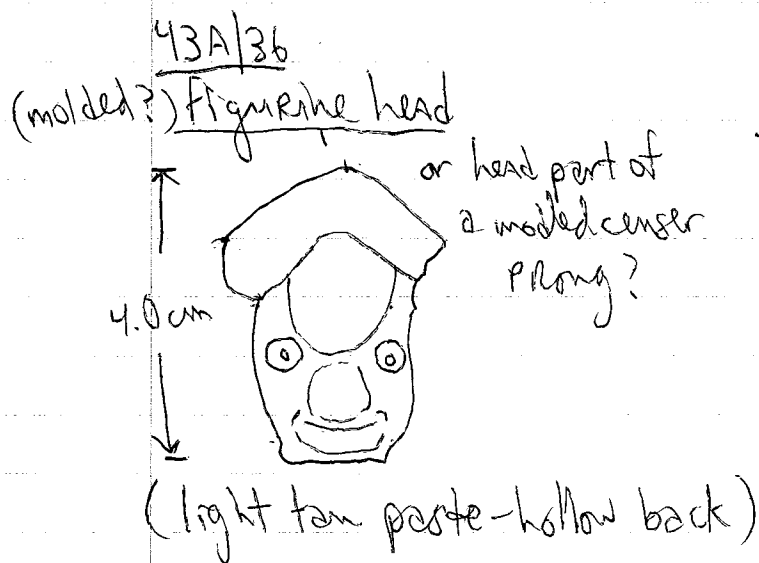
Finished 43E/15 (unit 11) yielding ceramics and bajareque - small bits, really eroded - in relatively small amounts. Beginning 43E/16 (unit 12) - down 60cm bgs.

Finished 43G/06 in unit 02 yielding (only one bag!) (of) ceramics, obsidian, and bajareque. Continuing with 43G/08 (unit 02 - down to 75cm bgs).

p95-78-245 of
5/09/25

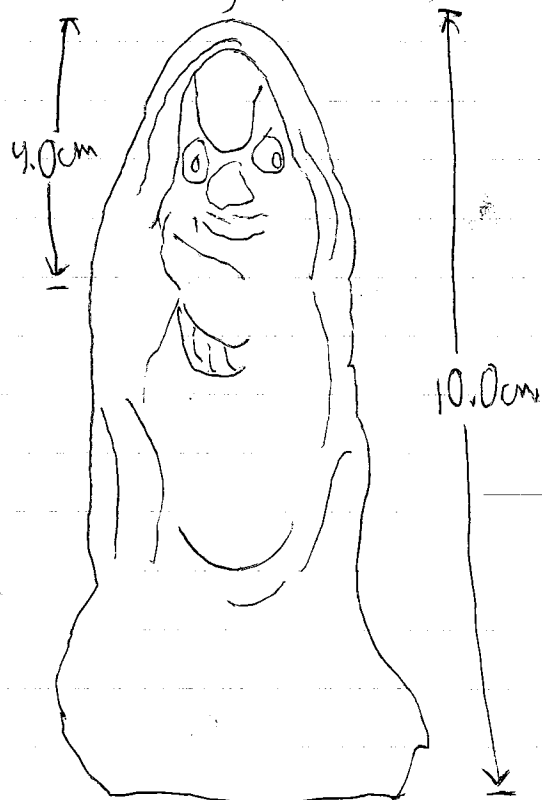
Continuing 43A/36 (unit 26), 43A/37 (unit 30),
43C/14 (unit 35), 43E/16 (unit 12), 43F/15 (unit 10),
43F/16 (unit 15), 43G/08 (unit 02) and 43G/07 (unit 03).
(A "LOT" open!)

Finished 43A/36 (unit 26) yielding ceramics, obsidian,
chert, bajareque, ground stone (metate fragment), and:




⇒ one found in "14" excavations
exactly like it

Molded censer Prong (molded?)



Beginning 43A/28 in unit 27 - 1 M²
E of unit 26 - wall (5)
emerging and a possible niche -
more later; don't think (not
sure) that I've found the
southern wall yet?

(light tan paste - hollow
with vent in back)

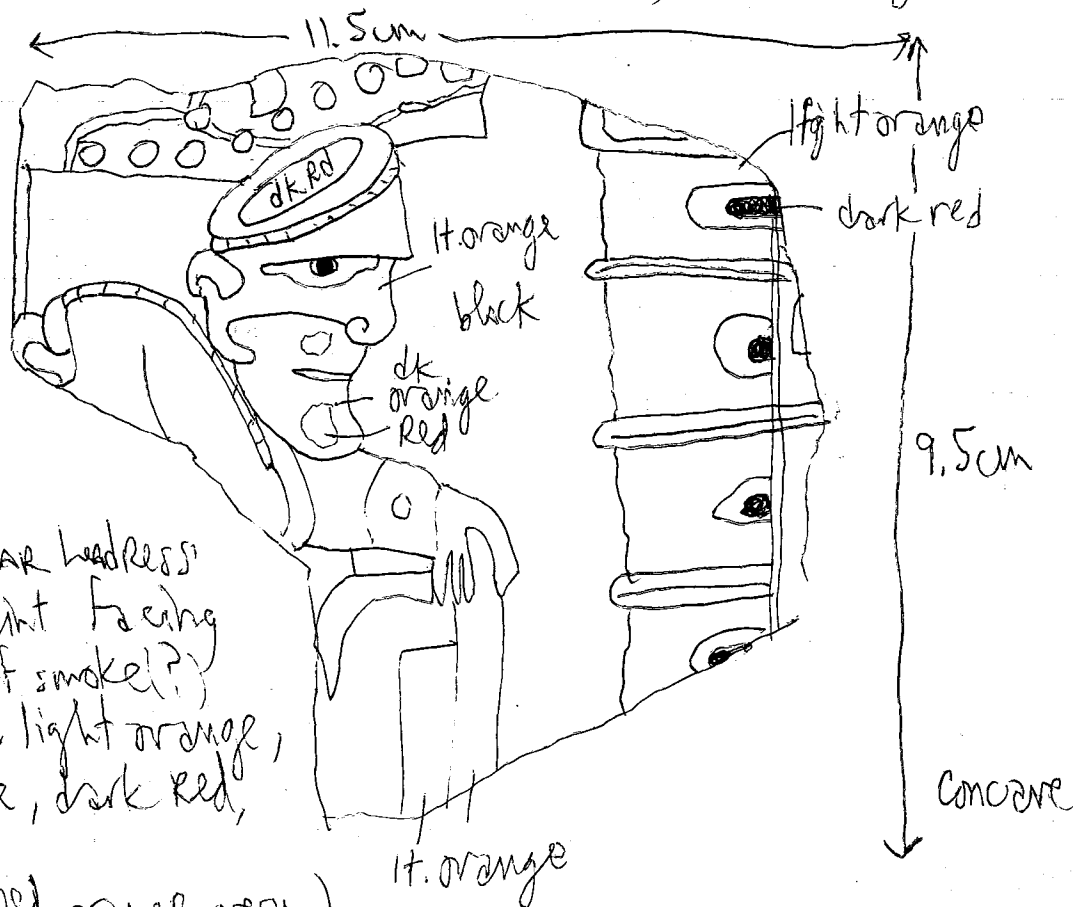
43A  Have noticed that 43A seems to have been one large
speculations room at one time, then later - divided with one stone-
lined walls to make several small rooms - each with a
private/separate entrance.

p95-78-246 of
5/09/95

Going to keep bags/levels separate now in 43A -
above second construction, below second/above
first construction, and below first construction - to
see if there's a difference in the type(s) of material
being pulled out.

Finished 43G/08 yielding 1 big bag of CERAMICS, several
obsidian blades 7-9cm long, a piece of basaltic, and
micro, and a gorgeous Peten-import sherd (vase) ~~and~~ body sherd -
see below:

43G/08

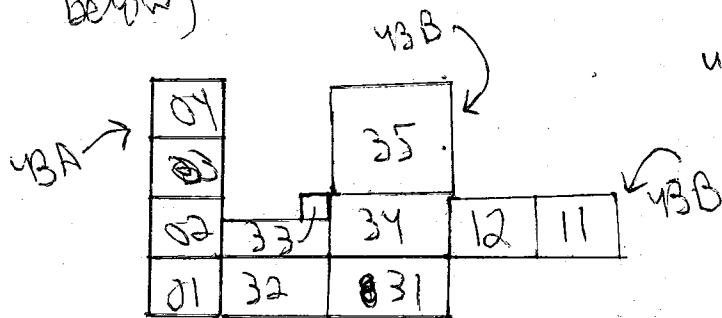


MAN w/ jaguar headdress
and face-paint facing
a column of smoke(?)
Polychrome: light orange,
dark orange, dark red,
black
(back, slipped orange-very)
(fine paste)

Moving on to 43G/09 - down to 100cm even in unit 02.

P95-78-247 of
5/59/95

Have finished 43C/44 (unit 35) yielding ceramics, obsidian, shell, and bajareque (1 large bag of ceramics). Found no evidence that architecture extends into this area. Moving on to 43B side - 43B/40 for unit 31 (see below)

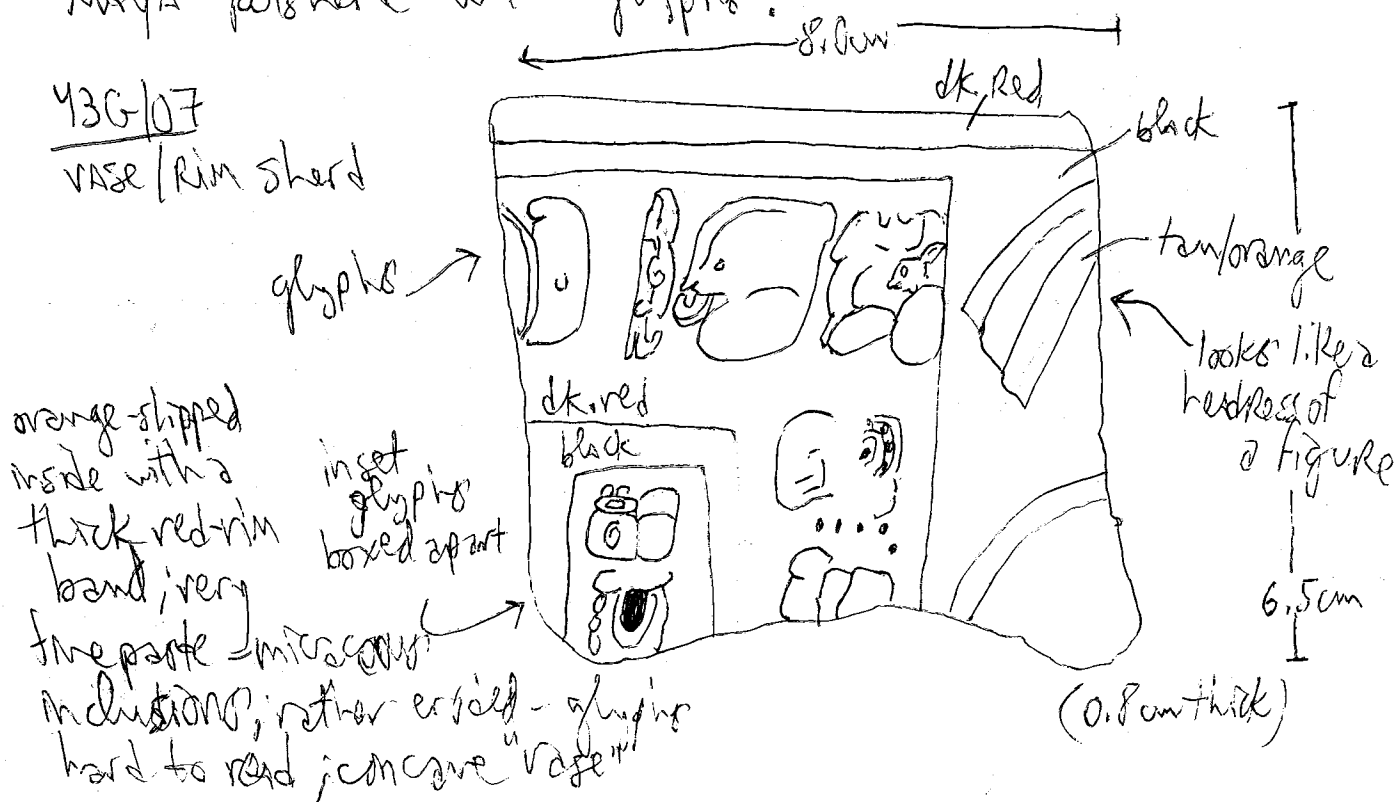


unit: 31 = 150cm x 130cm (square)
32 = 150cm x 130cm (slightly trap.)
33 = 150cm x 130cm (L-shaped)
34 = 150cm x 130cm (square)
35 = 150cm x 170cm (square)

Finished 43G/07 (unit 03) yielding ceramics (4 big bags), (including many figurine fragments), shell, and a lovely MAYA potsherd with glyphs:

43G/07

VASE / Rim shard



Moving on to 43G/10 for unit 03 - down to 50cm bgs.

78-248 of
P95-~~248~~
5/09/95

A helpful guide to lots/units of 43A

excavations today: unit ~~286~~ lot 36
unit ~~287~~ lot 38
unit 28 = lot ~~40~~ 42, 43, 44
unit 29 = lot ~~40, 41, 42, 43, 44~~ 37, 40, 41
unit 30 = lot ~~40, 41, 42, 43, 44~~ 39

* [one planned but not excavated]
There is NO 43A/44 lot (although there are lots 45-48)

Beginning all lots and units as noted above for a better picture - will eventually have to extend southward to capture southern walls, though (later!) (if there's time!).

Finished 43A/37 (unit 30) [level 01] (of construction) - yielding ceramics and obsidian.

Finished 43G/10 (unit 03) yielding 3 12x18cm bags of ceramics and obsidian. Moving to 43G/11 (unit 03) - down to 75cm bgs

Update on 43A excavation PLAN

43A

25
26
27
28
29
30

Finished 43A/39 (unit 30) yielding ceramics, bajareque, obsidian, and chert (more Nicanori - this one with 3 bars and 4 dots in a raised - glyph-like pattern).

— PPS-78-249 of
5/09/95

Finished 43F/15 (unit 10) yielding ceramics, obsidian, and bayareque. Moving on to unit 11 for 43F/17 — 1 m² ~~SW~~ SW of unit 15.

Finished 43F/16 (unit 15) yielding ceramics, chert, bayareque, and pigment of some type — hematite? ochre?
Moving down 50cm more to a full 1m bgs for 43F/18 (unit 15, still).

ASH = 54
7/4

Finished 43G/09 (unit 02) (to one full meter bgs) — sherds were particularly light in this lot compared to units 01 and 03, so far — but still same light gray ash — all the way down — yielded, in this lot, ceramics — 12x18cm bag, and some obsidian, ^{shell} (including a nicely decorated censer/tripod bowl foot — chamelecon). Moving on to Unit 04 — surface collection taken for 43G/12 — a sample of sherds surfacing in the area.
Beginning 43G/13 — unit 04 — down 25cm bgs.

surface
collection
→

Finished 43G/11 (unit 03) yielding 5 ~~1000~~ 12x18cm bags of ceramics (including figurine fragments), and some bayareque. Moving down 25cm to 43G/14 (unit 03) — to 100cm bgs.
[Great rim refitto in 43G/11 — to a jar some 18cm in diameter].

Finished 43E/16 — unit 12 yielding ceramics and bayareque (bits!) — moving on to North-end extension of 43E trench to unit 13 — 1 m² NE ^{adjacent} to unit 01 — down 60cm bgs for 43E/17.

p95-78-250a
5/09/95

Finished 43G/14 (unit 03) - now at 100cm bgo. yielded
2 12x13cm bags of ceramics (see below), baguette, obsidian,
and shell.

43G/14

in relief on
vessel ~
4.0cm from
vessel wall



large shard (rather heavy) with monkey mold/mode/appliqué (?)
Pastel thick like Jicaro, but much finer - no quartzite
inclusions.

Moving down 25cm for 43G/15 (unit 03).

NAMED some new features in 43C subloop (see next
page).

43C NEW FEATURES:

pgs 78-251 of
5/09/95

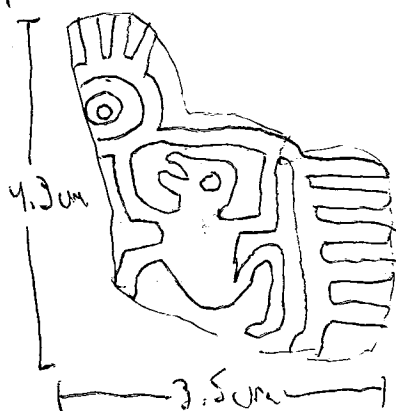
- "SELIN FARM" - cobblestone floor of "EL PARAISO"; analogous to "SANTO DOMINGO" and "Colonias Cape" - semi-circular
- "EL PARAISO" - stone semi-circle sitting on top of "SELIN FARM"; analogous to "La Sierra" and "Rio Claro"
- "Colonias Cape" - part "Lo De Vaca" / part cobblestone floor / part "EL PUENTE" - cobblestone floor under "Rio Claro"; analogous to "SANTO DOMINGO" and "SELIN FARM".
- "Rio Claro" - stone semi-circle sitting on "Colonias Cape" / "Lo De Vaca" / "EL PUENTE". analogous to "La Sierra" and "EL PARAISO". Also, possibly part of "Las Vegas" (south end).
- "EL PUENTE" - wall of room or platform in front of "Rio Claro", "Colonias Cape", and "Lo De Vaca"; forms a SE corner with "LA MARIPOSA" - One stone high / wide / thick - 6 stone long - "Fleeing".
- "LA MARIPOSA" - N-S arm on E side joining with "EL PUENTE" to form room / platform - ext "wall". "Fleeing" and not very straight - similar to "EL PUENTE" in dimensions.
- "RENCADOR" - a possible fourth stone semi-circle. This feature consists of flat-faced stone cobbles that run under "Gualpulto", "Copan", "Travesia" and part of "Los Naranjos" (?) - AT SAME depth as "La Sierra", "Rio Claro" and "El Paraíso" (the other 3 stone-semicircular features) - hard to tell about this one due to construction on top.

Continuing excavations in 43A/38, 40-44 (units 27-30),
43B/40 (unit 31), 43E/17 (unit 13), 43F/17 (unit 11), 43F/18
(unit 15), 43G/13 (unit 04), & 43G/15 (unit 03).

Living(?) surface Have found in 43B/40 (unit 31) a rather large number of
shards sitting relatively flat on an ash surface
at 38cm below ground surface - in a scattered, terminal
debris-like fashion - pieces of mostly jars - Jicaro, Maroncho,
Robledal, and La Champa Gp. Pieces range in size
between 6cm x 7cm to 10cm x 18cm & many rim sherds -
cover the entire "floor" of the unit - keeping this
lot "open" for now - moving on to unit 32 - for 43B/41 -
down to same level to see if this action continues
(just below base of "kiln") - associated with tumble that
may turn out to be a platform or room of sorts.

Finished 43G/13 (unit 04) (down 25cm bgs) yielding ceramics
(2 12x18cm bags), obsidian ^{shard}, baguette, and a cool
monkey stamp:

43G/13
stamp frag.
w/ handle



bird with monkey, dancing
in stomach - 3rd one I found
this year of this exact
design (manufactured
here most probably).

Starting 43G/16 - unit 04 - down to 50cm bgs.

Finished 43A/42 (unit 28) yielding ceramics, obsidian, chert, bajareque, and ground stone (metate fragment). Still trying to discern the "pedra" "locos" ... beginning 43A/43 (unit 28, second "level" down).

Finished 43A/40 (unit 29) yielding ceramics (2 large bags), bajareque (2 large bags of "house" bajareque some burnt), obsidian and chert (in rather large amounts, some 15-20 pieces!), and some wonderful figurine fragments (bagged separately). Moving on to 43A/41 for last "level" in unit - down below original construction and into the midden-ashy layer.

Finished 43G/15 (unit 03) yielding ceramics - 3 12x18cm bags, bajareque ~~obsidian~~ and - soil sample taken of ash @ 120cm bgs (#1). At 125cm bgs, another sample taken with ash and carbon inclusions (#2). A carbon sample was taken between 120-125cm bgs also at this time (#1). Moving down 25cm to a full 150cm bgs for 43G/17 (unit 03) - no sign of an end to the midden - yet!

Finished 43A/41 yielding ceramics, obsidian, chert, and shell, bajareque - followed "Quirigua" out southward - but it still extends beyond the limits of excavation and followed "Hoco" out to a corner (!) - more later ... Opening a final unit - 31 - 140cm x 50cm along side (south) of units 29 and 30 to look for end of "Quirigua" wall and an entrance into the room. This will be 43A/45 - unit 31 - all one level.

p95-78-254 of
5/10/95

Finished 43G/17 (unit 03) to 150cm bgs yielding ceramics, obsidian, chert (very large core - not exhausted - brown light caramel in color, rather glassy), shell, bone (human), and bajareque. Moving down 25cm to 175cm bgs for 43G/18.

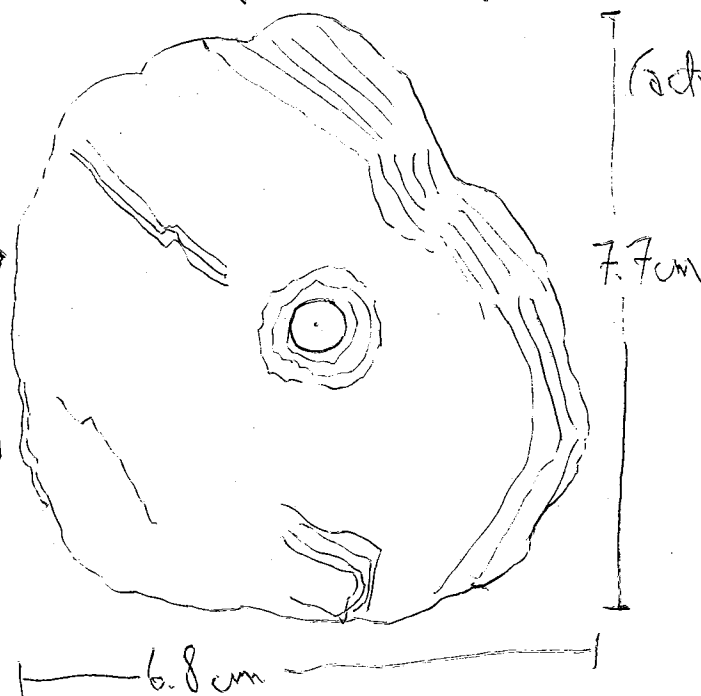
Finished 43E/17 (unit 13) - yielding large amounts of ceramics, a very "cute" piece of drilled schist (see below), chert, bajareque, and figurine fragments.

43E/17

drilled schist

iridescent
green color

apparently "drilled
in" from both
sides.



(actual size)

7.7cm

(0.7cm thick)

6.8cm

Moving on to 43E/18 in unit 14 - down 60cm bgs.

Finished 43G/16 (unit 04) yielding ceramics (2 12x8cm bgs), bajareque, shell, obsidian, and an unidentified black clay substance - found before used to make ear spoons and ~~other~~ other jewelry. Beginning 43G/19 - unit 04 - 25cm deeper to 75cm bgs.

Special Finds:

In 43E/18 (unit 14) @ ~10-20 cm bgs, a ceramic monkey

Figure:

Hollow w/ hole
in top and
vent in
back of
head



probably some kind of
candelero or incensario,
although no visible signs
of burning.

In 43G/18 (unit 03) @ ~160 cm bgs, a seed/-white shell/
husk ~2.0 cm long / 1.0 cm wide.

Also, found several potsherds at this level with a dense
black organic substance - baked/cooked on - separated and
given to PAT.

Also taking a carbon sample (#1 for this lot) at ~160
cm bgs.

Finished 43F/18 (unit 15) - now at 100 cm bgs - moving on
to 43F/19 (unit 15) to 150 cm bgs. 43F/18 yielded ceramics,
bagajareque, and chert.

Finished 43F/17 (unit 11) yielding ceramics only - noticing
the midden level getting thicker ... Beginning 43F/20
(unit 12) - 1 m² NW of unit 11.

P95-78256 of
5/10/95

Continuing 43A/45 (unit 31), 43A/43 (unit 28), 43A/44 (unit 28),
43A/38 (unit 27), 43B/40 (unit 31), 43B/41 (unit 32), 43E/18 (unit 14),
43F/19 (unit 15), 43F/20 (unit 12), 43G/18 (unit 03), 43G/19 (unit 04).

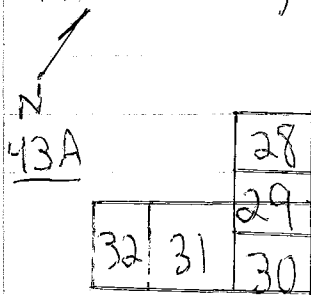
Mixup with bags had led to the death of lot 43A/44 -
its now combined with lot 43A/43 - above and below
first construction (which should still be a good
comparative sample!).

Finished 43A/43 yielding ceramics, bajareque, obsidian,
chert, & red hematite/ochre (pigment).

Red
hematite/
pigment
→

have uncovered a lot of this red pigment stone (see
above) - red, fine, chalky - leaves lt. red-pink marks -
apparently not a talc nor an eroded rock.

Finished out 43A/45 (unit 31) and extending 50cm x
140cm southward ~~43A/45~~ 43A/45 - unit 31 - was
changed yesterday to 100cm x 140cm (see below), for
unit 32, 43A/46:



43A/45 yielded ceramics, chert, and bajareque.

Beginning new 43B lot - clearing up S side of "k'm" and
"stoking hole" passageway - 43B/42.

pgs 78-257 of
5/11/95

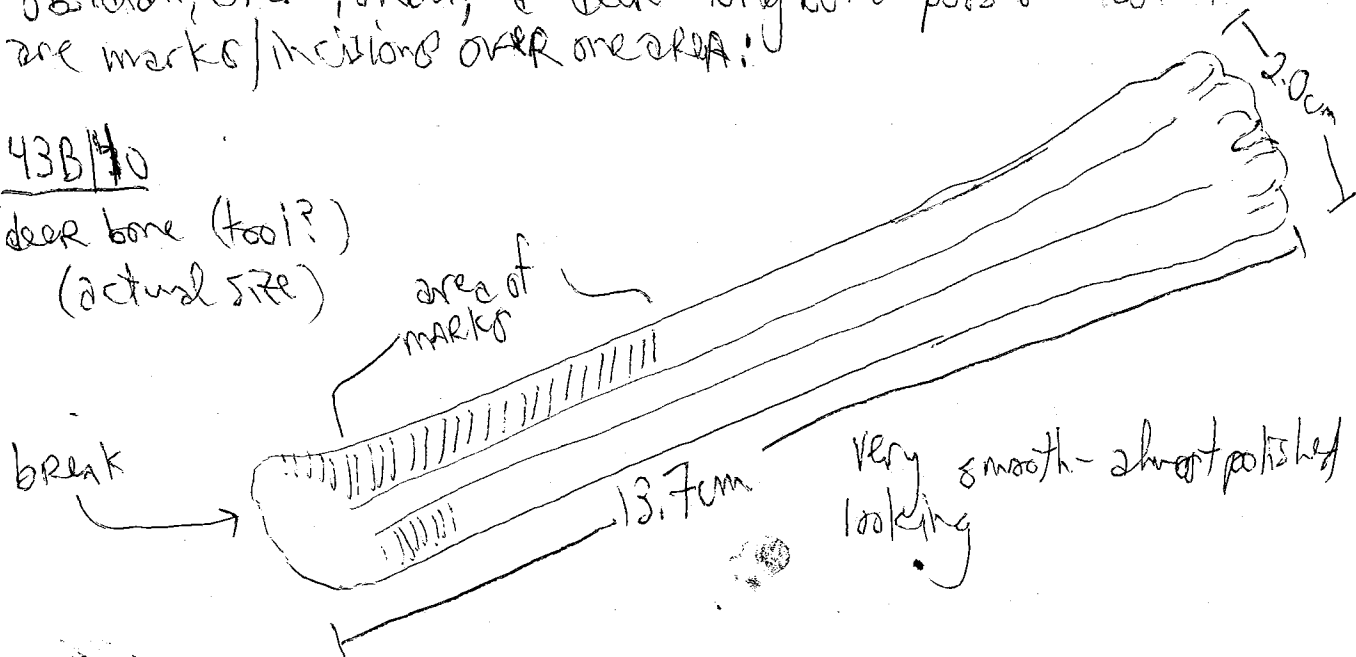
Beginning 43G unit 05 excavations in midday 25cm bgs
to start for 43G/20.

Finished 43G/19 (unit 04) - down to 75cm bgs - yielding 2
12x18 bags of ceramics, bayareque, obsidian and shell. Down 25cm
more for 43G/21 (unit 04).

Finished 43B/40 (unit 31) yielding ceramics 4 (12x18cm bags)
obsidian, chert, shell, a deer long bone - possible tool - there
are marks/incisions over one area:

43B/40

deer bone (tool?)
(actual size)



Finished 43G/18 (unit 03) - down now 175cm below ground surface
yielding seven 12x18cm bags of ceramics, bayareque, mica,
shell, obsidian, polished/worked shell - conch, a human tooth(!)
and bone (animal). Not able to go down any deeper - workings
are too short; they're unable to get out of the hole!!!!

P95-78-258 of
5/1/95

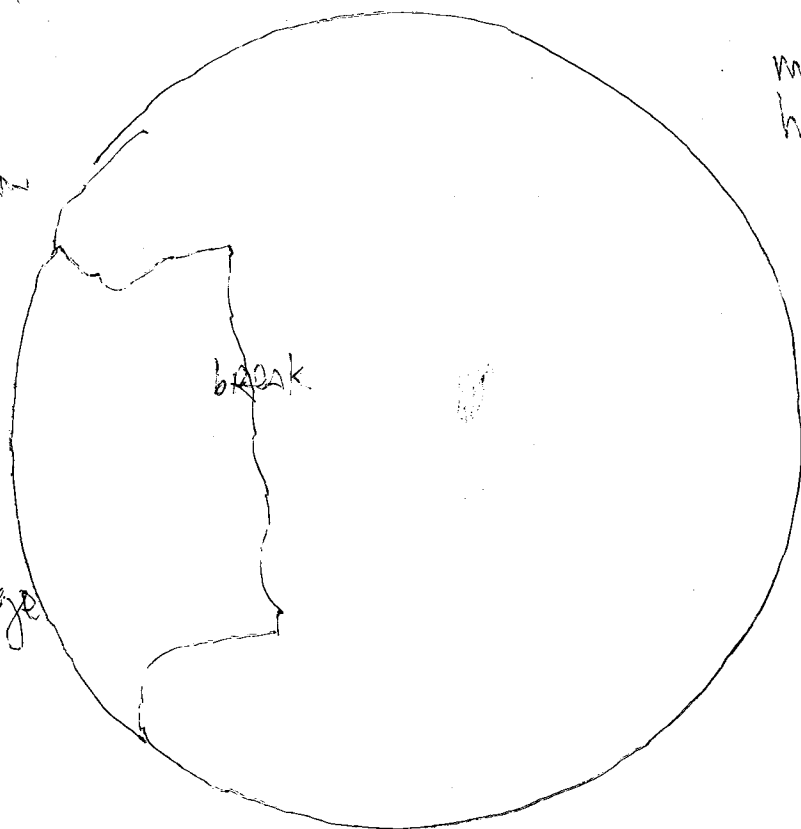
Finished 438/41 - unit 32 - big unit with a lot of
ceramics - very midden-like - 9 12x18cm bags of ceramics,
bajareque, bone (faunal), broken hacha, obsidian, chert,
ground stone (metate fragment - leg), figurine and stamp
fragments, Nicotiana seeds, ^{red chert / hematite} 2 honeycomb candleers fragment
(large - with 10 holes showing) and a small plate (complete,
but broken) (see below):

438/41

(actual size)
diameter = 10.5cm

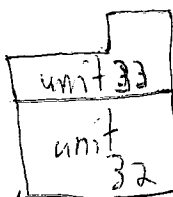
very burrowed
inside and on
bottom

3.3cm high
w/ slight flange



modded by
hand-crafter(?)

Beginning 438/43 in unit 33 - units 34 & 35 cancelled
due to lack of time (ii) - down to same level - this unit,
33, is L-shaped:



P95-78-259 of
5/11/95

Finished 43E/18 - unit 14, yielding ceramics - ~~83~~ 12x18cm bags, shell, and bajareque [see also P95-78-250]
Moving on to next unit - 15 - down 60cm bgs.

Finished 43G/21 - unit 04 - yielding 84 12x18cm bags of ceramics, bajareque, shell, and obsidian - down row 2 full 100cm bgs and stopping (!)

Finished 43F/20 - unit 12 - on to units 13 and 14 for 43F/21 and 22, respectively. 43F/20 yielded ceramics, obsidian and bajareque - down 60cm as usual.

43G/20 Finished yielding ceramics, obsidian, and bajareque - also, a fairly large chamelecon: F shell found with a repair hole near the rim. On to 43G/22, unit 05 - down 25cm lower (!).

Finished 43G/22 (unit 05) yielding ceramics, obsidian, and more of this finished black clay (used for jewelry?). On to 43G/23 - unit 05 - down to 75cm bgs.

Finished 43G/23 (unit 05) yielding ceramics, bajareque, obsidian, and shell. Only 1 to go - down to 100cm bgs for 43G/24 (unit 05).

Continuing/finishing: 43A/46 (unit 32), 43A/38 (unit 27),
43B/32 (unit 36), 43E/19 (unit 15), 43F/19 (unit 15),
43F/21 (unit 13), 43F/22 (unit 14), 43G/24 (unit 05), &
43B/43 (unit 33).

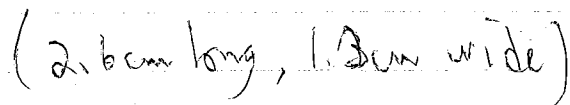
Finished 43A/38 yielding ceramics, obsidian, chert, and
bajareque - not too much architecture exposed - but
is discussed later today in "Added New Features"
section.

Finished 43^F 30/19 - unit 15 - now at 150cm bgs - basically
two layers - the top - a dark black, the bottom (~100cm)
the brown/lt. brown - see section/profile. Yielded ceramics
and bajareque all the way down! Also took a soil
sample @ ~ 100cm - 125cm bgs (#1) & #2 - at 150-155cm
↓ bgs on 5/16/95 - pit dug in profile (see drawing) - into clay 10YR 7/4
actually - sherd deposits only can be measured to 130cm
bgs at its lowest level - being concentrated from
surface to ~90cm bgs - and actually - in these two
main clay types - there is a third - a dk. brown
type that seems to intrude down into the lower one
(lt. brown) - and holds a fair amount of sherds - see
section!

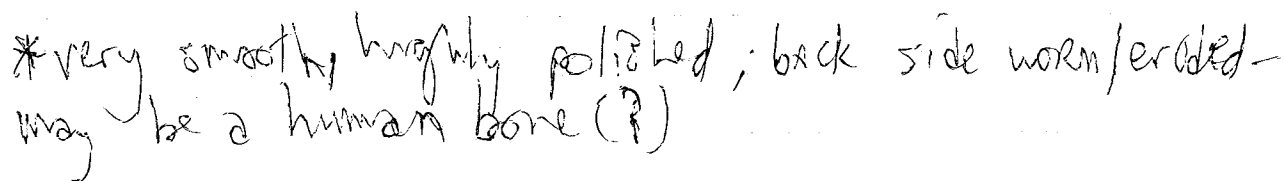
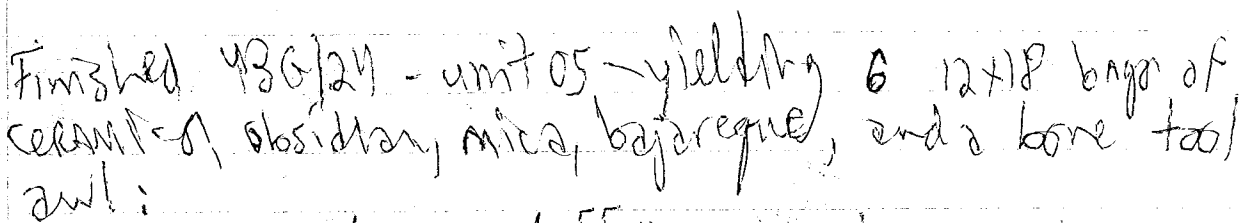
Finished 43A/46 - yielding ceramics, bajareque, obsidian,
and red hematite/ochre (pigment). Extent of
pikrius chased out to reveal end(?) and a
possible "tack-on" wall.....

→ Also found ground stone - a metate fragment (leg) and
an unknown worked material - see next page.

43A/416



Beginning 43A/47 in unit 33 and 43A/48 in unit 34 (see below) to expose the last little bit of architecture



P95-78-2/62 of
5/12/95

Finished 43E/19 - unit 15 - yielding ceramics, bajareque,
red ochre/hematite (pigment), and chert.

Finished 43A/48 (unit 34) yielding ceramics, bajareque,
and ground stone (mano fragment - see "Feature
summaries" for details on architecture encountered.

Finished 43A/47 (unit 33) yielding ceramics, bajareque,
and bone (faunal - burnt). See Feature summaries
for details on architecture encountered.



Added Features: (names)

"Neco BRISAS Del Valle" - A - partially visible stone platform.

"La Laguna" - ~~20~~ C - semi-circle wall (?)

"Celilac" - A - small wall off caoco to the W

"Macholot" - A - paved floor under "Santa Leticia"

"Santa Leticia" - A - eroded wall - N off of "Buena Vista"

"Buena Vista" - A - wall (unexcavated fully) off Quirigua

"Jutiapa" - B - rubble - basal stone for room (?)

"Rio Palo" - A - U-shaped wall w/ corners across from "Quirigua"

may be an extension of N wall of "Cihuatlan" - "Guacamayo" - B - platform/room (basal stone)

"Rio Negro" - B - kiln "stoking hole" (?)

~~"Macholot"~~

"Acasajustalan" - A - stone circular feature/wall (?)

Finished 43F/21 - unit 13 yielding ceramics and
bajareque.

P95-78-263 of
5/12/95

Finished 43B/43 - unit 33 yielding 9 12x18cm bags
of ceramics, 1 large bag of basaltic, a lot of obsidian, and
1 shell, (Figureine frags given to the author here).

Finished 43F/22 - unit 14 yielding ceramics only (!)

Finished 43B/43 - clean-up unit in 43B ("Kim"),
yielding ceramics, basaltic, obsidian, chert, ground stone
(a very large metate fragment from a very thick
metate and a mano fragment), and Figureine
fragments and a NISANOR shell.
(Metate found on SE side of "Chalchupa" - away from feature
All done! ☺)

(New Feature = niche in "Chalchupa" on SE edge - very
well preserved "Pulhapanzak." - no transit points) ☹

FIN

FEATURE SUMMARIES, Op. 43 (Subops A, B, C, & D)

On the following 9 pages, "Feature Summaries" appear for each piece of labeled architecture encountered during excavations this season in the south group, La Sierra (Op. 43). These summaries list the name of the Feature (underlined), followed by its corresponding transit points (in brackets) (abbreviated "T.P."), then: subject designation (i.e. wall, terrace, etc.), its length (L), width (W), and height (H) (each accompanied by estimations of actual dimensions in antiquity, if possible). The Feature's orientation relative to degrees East of North is next; that is, its northern-most face - direction, and then the Feature's elevations (top, or highest point, then bottom, or lowest point - relative to ~~dm~~ below datum). Finally, a short description/notes appear about the Feature. At the end of the entry are listed the lots into which the Feature falls and the page notes where the Feature can be found being discussed, or referred to.

NOTES: (1) elevations are averaged and do not reflect average wall height

- (2) orientations are taken with respect to the Feature's northward face - not its direction running E-W/N-S, etc.
- (3) the original notes should be consulted (instead of the carbon copies) if questions arise - ~~for~~ the copies are not updated.
- (4) there are no carbon copies of the following pages, nor of the Final notes.

FEATURE SUMMARIES (Op. 43A)

QUIRIGUA [T.P. 82, 83, 84, 85, 86, 87] - wall: $L = 400+ \text{cm}$ (unexcavated fully), $W = 58 \text{ cm}$, $H = 43 \text{ cm}$, ORIENTATION = 92° E of N , top elev. = 33 cm bd , bottom elev. = 62 cm bd . Eastern wall of a long, narrow storage room, connecting its NE corner with "Playitas" and its SE corner with "Buena Vista;" 3 courses high (possibly four in antiquity).

LOTS: 43A/11, 39, 45, 46

NOTES: P95-78-166, 191, 217, 219, 262

PLAYITAS [T.P. 84, 88] - wall: $L = 115 \text{ cm}$, $W = 26 \text{ cm}$, $H = 15 \text{ cm}$, ORIENTATION = 5° E of N , top elev. = 56 cm bd , bottom elev. = 63 cm bd . Northern wall of a long, narrow storage room, connecting its NE corner with "Quirigua" and to the NW with "Choco"

LOTS: 43A/26, 27

NOTES: P95-78-217, 219

CHOCO [T.P. 89, 118] - wall: $L = 336 \text{ cm}$, $W = 24 \text{ cm}$, $H = 10 \text{ cm}$, ORIENTATION = 90° E of N , top elev. = 34 cm bd , bottom elev. = 46 cm bd . Western wall of a long, narrow storage room, connecting its NE corner to form NW corner of room; also makes up eastern edge of two other rooms - connected to "Celilac" in the S, "Arapahoe Viejo" in the center, and "Guayata" in the N.

LOTS: 43A/14, 26, 37, 40, 41

NOTES: P95-78-217, 219, 166, 191

ARAPAHOE VIEJO [T.P. 90, 101, 102] - wall: L = 220 cm, W = 45 cm, H = 35 cm, ORIENTATION = 355° E of N, top elev. 66 cm bd, bottom elev. = 86 cm. Northern wall of a small room / Southern wall segment of a larger room; extended to "Las Quebradas" to the west.
LOTS: 43A/24, 25, 26
NOTES: P95-78-217, 219

LAS QUEBRADAS [T.P. 103] - wall: L = 120 cm, W = 45 cm, H = 31 cm, ORIENTATION = 0° E of N (due North), top elev. 49 cm bd, bottom elev. = 70 cm bd, Northern wall of a small room / Southern wall segment of a larger room; possibly extended from "Arapahoe Viejo". Connected at the NE corner by "Mojaniles" and at the NW corner by "JUYAMA" - also fronted/backed by "Bobos" to the north.
LOTS: 43A/22, 24
NOTES: P95-78-218, 219

Mojaniles [T.P. 117] - wall: L = 135 cm, W = 40 cm, H = 42 cm, ORIENTATION = 79° E of N, top elev. = 28 cm bd, bottom elev. = 46 cm bd. Wall dividing two rooms - one to the east, one to the west - it has no connections on the south, but on the NE by "Arapahoe Viejo" and on the NW by "Las Quebradas".
LOTS: 43A/16, 24, 42, 43
NOTES: P95-78-166, 191, 218, 219

Bobos [T.P. 99, 100] - shelf or bench: L = 140 cm, W = 52 cm, H = 26 cm, ORIENTATION = 0° E of N (due North), top elev. = 50 cm bd, bottom elev. = 70 cm bd. Bench/shelf feature built on to N side of "Las Quebradas" wall and E side of "JUYAMA" wall at corner of room; inside room - two courses high.
LOTS: 43A/22, 24
NOTES: P95-78-218, 219

R209

P95-78-266

5/21/95

("Feature Summaries, Op. 43A" cont'd)

JUYAMA [T.P. 98] - wall: L=235cm, W=62cm, H=33cm, ORIENTATION=92° E of N, top elev.=59cm bd, bottom elev.=77cm bd. Eastern wall (for one room) / Western wall (for one room). At SE edge - "Las Quebradas", at SW edge - "Quebrada Grande" "Bobos" seems to meet the depth of "Juyama's" top course of stones at its lowest point, suggesting the late addition of "Bobos".
LOTS: 43A/22, 23 NOTES: P95-78-218, 219

Comanche Farm [T.P. 106, 107, 108, 111] - wall: L=250cm, W=52cm, H=25cm, ORIENTATION=90° E of N, top elev. 42cm bd, bottom elev.=68cm bd. Western wall of small room - entry to the N - / outside edge of overall structure, made up of 3 very large stones (each about 50cm x 50cm x 25cm); at southernmost extent, it meets "Quebrada Grande".
LOTS: 43A/19, 20, 34
NOTES: P95-78-219

Quebrada Grande [T.P. 104, 105] - wall: L=188cm, W=51cm, H=31cm, ORIENTATION=0° E of N (due NORTH), top elev.=40cm bd, bottom elev. 68cm bd. Wall overlaying "Juyama" to the east, making up a NORTH wall and south wall for two separate, small rooms; appears to be 3 courses high, but probably 4 in antiquity.
LOTS: 43A/18, 21
NOTES: P95-78-219

GUAYATAN [T.P. 89, 91, 92, 93, 94, 95, 96, 97] - wall with "shelves" (?) :
L = 350cm, W = 43cm (variable), H = 26cm, ORIENTATION = 2° E of N, top elev. = 54cm bd, bottom elev. = 73cm bd. Wall connected to the N end of Choco to the east, and to the W, the N end of "Juyama" (here, creating an entry way) - its southern wall counterpart is made up of "ARAPAHOE Viejo" and "Las Quebradas;" "Guayatan" is in a T-shape form stepping out to form small "shelves" at the corners.

LOTS: 43A/30, 31, 32, 33 NOTES: P95-78-229

Viejo Brisar Del Valle [T.P. 109, 110] - wall or platform (probably the former):
L = 117cm (unexcavated fully), W = 30cm, H = 12cm, ORIENTATION = 130° E of N, top elev. = 82cm bd, bottom elev. = 86cm bd. Wall or platform - subsurface? Unexcavated fully - measurements taken only on few visible stones. This feature is directly W/NW of "Comanche Farm" and probably predates all/most visible construction seen here.

LOTS: 43A/34

NOTES: P95-78-262

Celilac [T.P. 139, 140] - wall: L = 77cm, W = 53cm, H = 34cm, ORIENTATION = 2° E of N, top elev. = 31cm bd, bottom elev. = 61cm bd. Very short, poorly preserved wall to the W, shooting off of "Choco," making 77cm entry way into a small room. Site just N of "Macholota" floor. This wall is abutted.

LOTS: 43A/37, 40, 41

NOTES: P95-78-262

("Feature Summaries, Op. 43A" cont'd)

Machobza [T.P. 119] - cobblestone floor: $L = 160\text{cm}$, $W = 223\text{cm}$, $H = 7\text{cm}$ (may ^{be} under walk, so measurements are not 100% certain), ORIENTATION 0° E of N (due NORTH), elevation = 65cm bd. 1 stone high, flat-faced cobblestone floor running possibly under "Santa Leticia" (?), hitting "Celitac" on the N, and "Buena Vista" on the S; Is a step-up sort of into the entry way for the "Quikigua/Playitas/Choco/Buena Vista" Room - and the only accessible entry to this room.

LOTS: 43A/37, 40, 41

NOTES: P95-78-262

Santa Leticia [T.P. 120, 121, 143] - wall: $L = 186\text{cm}$, $W = 76\text{cm}$, $H = 36\text{cm}$, ORIENTATION = 84° E of N, top elev. = 34cm bd, bottom elev. = 68cm bd. Short, thick wall off of "Buena Vista" projecting northward/sitting on top of "Machobza" (?), directly across from "Mojaisles" making an entry way about 42cm wide; cannot see if it is abutted, but presumed not, due to similarity in construction and elevation as "Buena Vista."

LOTS: 43A/42, 43, 47

NOTES: P95-78-262

Buena Vista [T.P. 141, 142] - wall: L = 270cm, W = 44cm, H = 40cm, ORIENTATION = 258° E of N, top elev. = 38cm bd, bottom elev. = 65cm bd. Large wall - unexcavated fully - on FAR S edge of excavations (width is an estimate, above) - probably contemporary with "Las Quebradas," "Bobos," "Quebrada Grande," "Rio Palo," "Santa Leticia," "Machobos," and "Santa Leticia." Makes connection with "Quixigua" on the SE corner and projects "Santa Leticia" on the westward edge.

LOTS: 43A/45, 46, 47

NOTES: P95-78-262

Rio Palo [T.P. 112, 116] - 3 walls: West L = 107cm, W = 60cm, H = 33cm; South L = 156cm, W = 30cm, H = 20cm; East L = 157cm, W = 50cm, H = 48cm, ORIENTATION: W = 82° E of N, S = 0° E of N (due North), E = 60° E of N, top elev. = W = 38cm bd, S = 56cm bd, E = 39cm bd, bottom elev. - all = 68cm bd. Small room - 3 walls with "doorway" / entry - using "Quebrada Grande" on its N side. The east wall is abutted to "Quebrada Grande," but these two features' bottom elevations are the same.

LOTS: 43A/18, 19, 35, 36

NOTES: P95-78-262

Acasatustalan [T.P. 113, 114, 115] - stone circular feature: diameter = 119cm, W = 22cm, H = 10cm, NO ORIENTATION AVAILABLE, top elev. = 56cm bd, bottom elev. = 63cm bd. Circle of stones (no doubt, basal) with small ledge extending from SE "corner" area. Probably contemporary with "Playitas," "Quixigua," and "Celibac." Unexcavated fully.

LOTS: 43A/29

NOTES: P95-78-262

FEATURE SUMMARIES (Op. 43B)

CHALCHUAPA [T.P. 56, 57, 59, 60, 61, 62, 63, 64, 65, 69, 70, 71, 72, 73, 75, 80, 81] - circular construction of stones (Kiln?): Diameter = ~520 cm (from inside lip to lip), H = 15-30 cm (variable), W = → (variable), no orientation available, ~~spot~~^{TIP} elevations - ^{→ AVG. bottom = 90-95 cm bd} NW = 67 cm bd, SW = 67 cm bd, NE = 77 cm bd, SE = 77 cm bd. No wall alignments visible; "hollow" center; made up of 1-4 courses of cobbles (depending on preservation) - Elev. suggest that this str. was built on a pre-existing slope - probably, then, after borrow pit had been started (see evidence in 43E - "Quelepa"). Overlaying an ash deposit of unknown depth, and filled with ceramic debris, and so-called "kiln" bazarque. LOTS: 43B/09, 11, 12, 13, 14, 15, 16, 20, 21, 22, 23, 25, 26, 27
NOTES: P95-78-200, 207, 220, 236

CEREN [T.P. 54, 56, 79] - West "VENT" remains of "kiln" ("Chalchupa") L ≈ 110 cm, W ≈ 120 cm, H ≈ 10-35 cm (estimated), no orientation available, top elevation = 47 cm bd, bottom elevation = 7 cm bd, vertical stone - top elev. = 52 cm bd, bottom elev. = 88 cm bd. A mixture of seemingly tumbled stones dividing "Chalchupa" in two at the west - sort of analogous to "Tazumal" on the east. Of special note is a large, possibly in situ stone with a flat face standing upright. LOTS: 43B/06, 07
NOTES: P95-78-173, 191, 220

Tazumal [T.P. 66, 67, 68] - East "Vent" remains of "kiln" ("Chalchupa"):
L \approx 110 cm, W \approx 120 cm, H = 10-20 cm, no orientation available,
bottom elevations of wall: West = 84 cm bd, East = 102 cm.
Seemingly tumbled stones with 2 small wall (2 courses
wide x 1 course high) projecting out eastward about
75 cm.

LOTS: 438/02, 03

NOTES: P95-78-191, 220, 224

Rio Negro [T.P. 74, 76, 77, 78] - "stoking hole" - gap in "Chalchupa":
L = 238 cm, W = 70 cm (at widest point), H (highest) = 38 cm,
(average) = 24 cm, no orientation available - but runs ~ N-S,
elevations: NW, NE, SW, SE sides avg. \approx 70 cm bd (bottom),
"floor" at entry \approx 95 cm bd. Possible "stoking hole"
Place of proposed kiln in an "alluvial deposit/fan"
shape narrow-to-wide running ~ N-S on S side of "kiln"
near the west. "Floor" in part (at entrance) is paved with
flat faced stones and nearer the center, is of ash -
at \approx 112 cm bd.

LOTS: 438/20

NOTES: P95-78-262

PULHADANZAK [no T.P.] - possible niche in side of kiln: L (est.) =
40 cm, W (est.) = 30 cm, H (est.) = 20 cm, no orientation
available, but facing east, no elevations available, but
close to "mid-section" of kiln in between \approx 75 cm and \approx 95 cm
bd. Niche paved on three sides with flat-faced
stones - discovered on backfill dig (!) Much like
the shape of "Rio Negro" but much smaller - and
very "nest".

LOTS: 438/22

NOTES: P95-78-263

("Feature Summaries, Op. 43B" cont'd)

Cihuatlan [T.P. 50, 51, 52, 53] - Room or platform (probably the former):
 L of N wall = 279 cm, L of S wall = 226 cm, L of E wall = 160 cm; Avg. width \approx 35 cm, Avg. H \approx 10 cm, ORIENTATIONS:
 N = 356° E of N, S = 356° E of N, E = 80° E of N, Elevations:
 all-bottom at 112 cm. Room probably used for storage of
 some kind associated with the kiln - fire wood, ceramics
 to-be-fired, ceramics-fired....? Inside dimensions:
 250 cm x 80 cm - long, narrow - sits on ash layer, like
 kiln - not a square - like a trapezoid.
 LOTS: 438/18, 19, 28
 NOTES: P95-78-208, 206, 210, 229

Jutiapa [T.R. 48, 49, 46, 47] - wall (?) / tumble (?) : L = 193 cm, W = 60 cm,
 H = 15 cm, ORIENTATION = 35° E of N, avg. elevation (bottom) =
 95 cm bd (suggesting contemporaneity with "kiln"). 2 stone
 wide row of stones - possibly once making a flat
 surface, possibly once a wall - completely unknown (!).
 LOTS: 438/33, 36
 NOTES: P95-78-262

Guacamayo [T.P. 42, 43, 44, 45] - walls: West wall: L = 153 cm, W = 30 cm,
 H = 8 cm, ORIENT. = 70° E of N, elev. (bottom) \approx 100 cm bd;
 South wall: L = 275 cm, W = 24 cm, H = 4 cm, ORIENT. = 340° E of W,
 elev. (bottom) \approx 100 cm bd. Western and Southern
 walls of a room laying "in the way" of "Cihuatlan"
 to its SE and S of "Jutiapa" - may be an
 extension of the N wall of "Cihuatlan," 1 stone high/
 1 stone thick (small cobble).
 LOTS: 438/32, 33
 NOTES: P95-78-262

FEATURE SUMMARIES (Op. 43C)

QUELEPA [T.P. 1, 2] - cut-stone block RAMP: large stone - L = 70cm, W = 52cm, H = 10cm, ORIEN. = 351° E of N, elev. (top) = 116cm bd, (bottom) = 148cm bd; small stone - L = 29cm, W = 23cm, H = 9cm, orien. = 81° E of N, elev. (top) = 116cm bd, (bottom) = 148cm bd. Possible early attempt at clay Mining (?) - stone Ramps with very low elevation depths - FAR below any architecture tops, though, correspond to elevations of Lo De Vaca and associated Room.

LOTS: 43C/8

NOTES: P95-78-192, 221, 239

Lo De Vaca [T.P. 3, 4, 5, 6] - wall: L = 187cm, W = 39cm, H = 20cm, ORIEN. = 351° E of N (same as "Quelepa"), top elev. = 102cm bd, bottom elev. = 132cm bd. Wall that forms a Room with "El Puente" on the west and "La Mariposa" on the ~~west~~ ^{South} (no ~~SE~~ wall) - on the NORTH. Blends into Floor of "Gloria Care" (in later times?); 1 course high, 1 course wide.

LOTS: 43C/8, 10, 20

NOTES: P95-78-221

El Puente [T.P. 7] - wall: L = 218cm, W = 30cm, H = 7cm, ORIEN. = 7° E of N, top elev. = 102cm bd, bottom elev. = 109cm bd. Western wall of Room - joins with "La Mariposa" on the ~~SE~~ ^S and "Lo De Vaca" on the SW. Part of "Gloria Care" / "Rio Claro" feature (built-in?)

LOTS: 43C/21, 23

NOTES: P95-78-251

La Mariposa [T.R. 8] - wall \div L = 174 cm, W = 38 cm, H = 7 cm, ORIENT. = 340° E of N, top elev. = 102 cm bd, bottom elev. = 109 cm bd. Wall cornering with "El Puente" on the southeast; poorly preserved; associated with first construction phase.
LOTS: 43C/23
NOTES: P95-78-251

Colonia CARE [T.P. 11] - cobblestone floor \div L \approx 130 cm, W \approx 100 cm, H \approx 7 cm, ~~the~~ orientation = 80° E of N, elevation = 102 cm bd. Flat-faced cobblestone floor/basal stones for "La De Vaca" wall and "El Puente" wall - bordered by stone semi-circle "Rio Claro" on W, S, and E sides (N face open); 1 stone high; similar to "Santo Domingo" and "Selin Farm".
LOTS: 43C/20, 24
NOTES: P95-78-251

Rio Claro [T.P. 4, 9, 23] - stone semi-circle border: \div Diameter = 130 cm, N-S Radius = 100 cm (see "Colonia CARE" measurements, above), avg. H = 10 cm, ORIENT. = 80° E of N, elevations = 92-102 cm bd. Stone semi-circle on top of "Colonia CARE" / "La De Vaca" / and "El Puente", analogous to "La Sierra" and "El Paraíso" (Possibly part of La Vegas - S end?).
LOTS: 43C/20, 24
NOTES: P95-78-251

("FEATURE SUMMARIES, Op. 43C" cont'd)

SELIN FARM [T.P. 15] - cobblestone floor: ~~L~~ L = 128cm, W = 104cm, H = 10cm, ORIENT. = 340° E of N, elevation = 102cm bd. Flat-faced cobblestone floor - analogous to "Colonia Care" and "Santo Domingo", bordered by "El Paraíso" on the N, E, and W sides. - semi-circular in shape.
 Lots: 43C/32, 37, 38, 40, 41
 Notes: P95-78-251

EL PARAISO [T.P. 16, 17, 18] - stone semi-circle border: diameter = 128cm, radius on N-S = 104cm, avg. H = 20-25cm, ORIENT. = 340° E of N, elevation = 87cm bd - 102cm bd. similar border to "La Sierrita" and "Rio Claro" - open to the south - poorly preserved on E edge.
 Lots: 43C/32, 37, 38, 40, 41
 Notes: P95-78-251

SANTO DOMINGO [T.P. 12] - cobblestone floor: L = 190cm, W = 116cm, H = 5cm, ORIENT. = ¹⁷¹~~340~~° E of N, elevation = 79cm bd. Semi-circular, flat-faced cobblestone floor - analogous to "Colonia Care" and "Selin Farm." Bordered by "La Sierrita".
 Lots: 43C/9, 10
 Notes: P95-78-168, 192, 221

La Sierra [T.P. 13, 14] - semi-circular stone Border: Diameter = 190cm, Radius on E-W = 116cm, avg. H \approx 10cm, orien. = ~~310~~¹⁷¹° E of N, elevations = 69cm bd to 79cm bd. Similar to "Rio Chas" AND "El PARAISO" - but a little larger and very well preserved.
LOTS: 43C/9, 10, 17, 18, 34, 35
NOTES: P95-78-168, 192, 221

Copan [T.P. 19, 24] - wall: L = 326cm, W \approx 36cm, H \approx 10-15cm, orien. = 80° E of N, elev. 57-67cm bd. Wall of room, to the W - NW corner = "Copan" + "Naco", SW corner = "Copan" + "Gusajopito" Making a 165cm x 305cm (good-sized) room.
LOTS: 43C/12, 16, 27, 31
NOTES: P95-78-192, 221

Naco [T.P. 19, 20] - wall: L = 223cm, W \approx 36cm, H \approx 10cm, orien. = 10° E of N, elev. 57-67cm bd. North Wall of room made up of "Copan" (W), "Gusajopito" (S), and "Baide" / "Los Naranjos" (E).
LOTS: 43C/31, 34, 35
NOTES: P95-78-214, 221

Gusajopito [T.P. 23, 24] - wall: L = 225cm, W \approx 36cm, H \approx 10cm, orien. = 10° E of N, elev. 57-67cm bd. South Wall of room joining with "Copan" on the SW corner and with "Los Naranjos" on the SE corner.
LOTS: 43C/25, 26, 27
NOTES: P95-78-187, 221

("FEATURE SUMMARIES", Op. 43C" cont'd)

Baide [T.P. 20, 21] - wall: $L = 143\text{cm}$, $W \approx 36\text{cm}$, $H \approx 10\text{cm}$, $\text{ORIENT.} = 80^\circ \text{E of N}$, elev. = 57-67cm bd. Partial wall/segment of wall for the east side of room, opposite "Los Naranjos" to the NORTH - making an entry way into the room, some 60cm wide - stepping out on to "Santo Domingo" (using "La Sierra" as a step?) - makes a NE corner with "Naco".
 LOTS: 43C/10, 35
 NOTES: P95-78-192, 221

Los Naranjos [T.P. 22, 23] - wall: $L = 175\text{cm}$, $W \approx 36\text{cm}$, $H \approx 10\text{cm}$, $\text{ORIENT.} = 80^\circ \text{E of N}$, elev. = 57-67cm bd. Partial wall/segment of wall for the east side of room - opposite to and analogous to "Baide" (see above), corners with "Gusajiquito" at a junction with "Las Vegas" and "Lo de Vaca" at the SE corner.
 LOTS: 43C/10, 18
 NOTES: P95-78-187, 221

Travesia [T.P. 25, 26, 28] - wall (sort of!): $L = \sim 200\text{cm}$, $W \approx 25\text{cm}$, $H \approx 10-15\text{cm}$, no ORIENTATION available, but runs $\sim 30^\circ \text{E of N}$, elev. = 57-70cm bd. Unusual twisting wall that seems to follow the course of "Rencador" underneath, in middle of room, beginning at SW corner and stretching to touch N edge of "Los Naranjos" - very ugly, poorly preserved - perhaps just tumble (?).
 LOTS: 43C/11, 17, 27
 NOTES: P95-78-221

RENCADOR [T.P. 27, 29, 30, 37, 38] - possible stone semi-circle (not paved, like the others), $L \approx 190\text{ cm}$, $W \approx 150\text{ cm}$, no height est., ORIENT. = 40° E of N , elev. $\approx 79\text{ cm}$ bd (same as its neighbor, "Santo Domingo"). Another stone semi-circle? - not known - under too much later construction to see it all - its rather large if it is. Site under "Travesia", "Gualajovito", and "Los Naranjos" Wall 1 stone high, $\sim 20\text{ cm}$ thick, 1 stone wide.

LOTS: 43C/10, 11, 17, 24, 26, 28, 29 NOTES: P95-78-251

La Laguna [T.P. 39, 40, 41] - wall/corner (tumble?): N wall - $L = 84\text{ cm}$, $W = 28\text{ cm}$, $H = 8\text{ cm}$, ORIENT. = 40° E of N ; E wall - $L = 60\text{ cm}$, $W = 23\text{ cm}$, $H = 8\text{ cm}$, ORIENT. $\approx 20^\circ\text{ E of N}$ - elev. (bottom) For both = 74 cm bd. Very small stones ($\sim 14\text{ cm} \times 13\text{ cm} \times 8\text{ cm}$) 4 stones make up east wall, 4 stones visible in the N wall - unexcavated fully. At NE corner - a very large stone site.

LOTS: 43C/30

NOTES: P95-78-211

LAS VEGAS [T.P. 35, 36] - wall: $L \approx 330\text{ cm}$, $W \approx 30\text{ cm}$, $H \approx 10\text{--}30\text{ cm}$, ORIENT. = 17° E of N , top elev. $\approx 54\text{--}70\text{ cm}$ bd. Winding wall - almost retaining - like in character - not too well preserved; joins "La De Vaca", "Gualajovito", and "Los Naranjos" at its southern extent, to the north, it "connects" with "Los Higeros" (or perhaps these are the same wall).
LOTS: 43C/9, 20, 24, 37
NOTES: P95-78-221

Los Higeros [T.P. 31, 32, 33, 34] - wall: $L \approx 164\text{ cm}$, $W \approx 40\text{ cm}$, $H \approx 7\text{ cm}$, ORIENT. = 10° E of N , elev. (bottom) $\approx 70\text{ cm}$ bd. 2 course thick wall - may be part of "Las Vegas" - extension of "Naco" (they're abutted).
LOTS: 43C/35, 37
NOTES: P95-78-230

FEATURE SUMMARIES (Op. 43D)

QUIMISTAN [T.P. 122, 123, 124, 125, 126, 127, 144] - terrace: $L = 490\text{cm}$ (est. 840cm), $W = 290\text{cm}$ (uncertain), $H = 37\text{cm}$ (est. 52cm), ORIENTATION = 110°E of N , elev. (top) = 140cm bd , elev. (bottom) = 158cm bd . Fairly extensive basal terrace with limited summit architecture, may be part of "Yakumela"/"El Nispero" terrace seen on west side; unexcavated fully - measurements are estimates and uncertain; has a T-shaped "step out" in front on E side.
Lots: 43D/8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 25, 26, 27, 28
NOTES: P95-78-192, 198, 230

CHOLOMA [T.P. 128, 145, 146] - wall: $L = 100\text{cm}$ (visible), no estimates made on W or H or on full L ; ORIENTATION = 110°E of N ; ELEVATION = $116\text{cm bd} - 135\text{cm bd}$ (est. H in $\text{cm bd} = 83$); very eroded/poorly preserved wall on "Quimistan", about 3M in (W) - could be W extent of terrace and not a Room wall.
Lots: 43D/9, 10, 11, 12, 13, 17, 18
NOTES: P95-78-192, 230

PLAYA DE LOS MUERTOS [T.P. 129, 130, 131, 133] - wall: $L = 295\text{cm}$, $W = 72\text{cm}$, $H = 44\text{cm}$, ORIENT. = 0°E of N (due NORTH), elev. s - $60\text{cm bd} - 93\text{cm bd}$. Summit wall running $\sim\text{E-W}$, facing due N; rather thick - built with some nice cut blocks.
Lots: 43D/20, 23, 24, 32, 33
NOTES: P95-78-192, 230

SALITRON [T.P. 132] - wall: L = 65cm (visible), W = 35cm, H = 17cm (no estimate available), ORIENT. = 110° E of N; ELEV. 5.77cm bd - 95cm bd. small, poorly preserved, thin wall on summit, abutted to "Playa de los Muertos" - running $\sim 20^{\circ}$ E of N. looks sloppily constructed.

LOTS: 430/33

NOTES: P95-78-231

EL NISPERO [T.P. 134, 138] - terrace / steps: L = 420cm (visible) (est. L = 930cm), W = 157cm (uncertain), H = 48cm (actual?); ORIENT. = 110° E of N, elev. 90cm bd - 130cm bd. Actually, basal terrace on W side - may be related to, or an extent of "Quimistan" on the east (?). "EL Nispero" = "YARUMELA", but "EL Nispero" may exhibit some inset steps (uncertain).

LOTS: 430/21, 22

NOTES: P95-78-192, 200, 231

YARUMELA [T.P. 135, 136, 137] - terrace: (see "EL Nispero" for measurements, etc.) "YARUMELA" is "EL Nispero" - the southern extent.

LOTS: 430/29, 30, 31

NOTES: P95-78-231

FEATURE NAMES [Spelling Directory]

(SE MAYAN PERIPHERY Archaeological site NAMES)

Chalchuapa (B)
 Ceren (B)
 Cihuatlan (B)
 Tazumal (B)
 Quirigua (A)
 Playitas (A)
 Las Quebradas (A)
 Quebrada Grande (A)
 Choco (A)
 Comanche FARM (A)
 Juyama (A)
 Bobos (A)
 Mojamales (A)
 Arapahoe Viejo (A)
 Guayatan (A)
 La Sierra (C)
 Copan (C)
 Naco (C)
 Santo Domingo (C)
 Las Vegas (C)
 Playa de los Muertos (D)
 Lo De Vaca (C)
 Guajito (C)
 Los Naranjos (C)
 Travesia (C)
 Los Higos (C)
 El Puente (C)
 Choloma (D)

Salitron (D)
 El Nispero (D)
 Quimistan (D)
 Rencador (C)
 El Paraíso (C)
 Colonia Care (C)
 Boide (C)
 La Magripasa (C)
 Rio Chero (C)
 Selin FARM (C)
 Yarmela (D)
 Quelepa (C)
 Viejo Brusar del Valle (A)
 La Laguna (C)
 Acasajustalan (A)
 Rio Palo (A)
 Guacamayo (B)
 Rio Negro (B)
 Jutiapa (B)
 Buena Vista (A)
 Celilac (A)
 Macholoz (A)
 Santa Leticia (A)

TRANSIT POINT DESIGNATIONS

p95-78-275

Op. 43

P.1 of 4

Subop	TRANSIT POINT	CONTEXT
C	1	Quelepa - large "Ramp"
C	2	Quelepa - small "Ramp" (S)
C	3	Lo De Vaca - NE end
C	4	Lo De Vaca - SW end / NW edge of Rio Claro
C	5	EL Puente - NW corner
C	6	EL Puente - SW corner
C	7	EL Puente - SE corner
C	8	La Mariposa - NE corner (EL Puente)
C	9	Rio Claro - NE edge
C	10	Rio Claro - S edge
C	11	Colonia Case - paved cobblestone floor
C	12	Santo Domingo - paved cobblestone floor
C	13	La Sierra - W edge
C	14	La Sierra - N edge
C	15	SELIN FARM - paved cobblestone floor
C	16	EL PARAISO - S Edge
C	17	EL PARAISO - W edge
C	18	EL PARAISO - E edge
C	19	Copan/Naco - NW corner (ROOM)
C	20	Naco/Bride - NE corner (ROOM)
C	21	Bride - SE edge (ROOM opening)
C	22	Los Naranjos - NW edge (ROOM opening)
C	23	Los Naranjos/Gusajoquito - SE corner (ROOM)
C	24	Gusajoquito/Copan - SW corner (ROOM)
C	25	Travesia - S edge
C	26	Travesia - center
C	27	Rencador - N edge
C	28	Travesia - N edge
C	29	Rencador - N/central edge
C	30	Rencador - S/central edge

Subop	TRANSIT Point	Context
C	31	Los Higeros - NW corner - inside edge
C	32	Los Higeros - NW corner - outside edge
C	33	Los Higeros - NE corner - inside edge
C	34	Los Higeros - NE corner - outside edge
C	35	Los Vegas
C	36	Los Vegas meets Los Naranjos meets Guadalupe
C	37	Remedios - NE visible edge
C	38	Remedios - S edge
C	39	La Laguna - NE corner
C	40	La Laguna - W/center
C	41	La Laguna - SW visible edge
B	42	Guasamayo - NW edge
B	43	Guasamayo - SW edge
B	44	Guasamayo - W/center
B	45	Guasamayo - E edge
B	46	Jutiapa - SE edge
B	47	Jutiapa - NE edge
B	48	Jutiapa - SW edge
B	49	Jutiapa - NW edge
B	50	Cihuatlan - NE corner
B	51	Cihuatlan - NW corner
B	52	Cihuatlan - SE corner
B	53	Cihuatlan - SW corner
B	54	Ceren - highest level
B	55	Ceren - vertical stone
B	56	Ceren - lowest level - NW edge
B	57	Chalchupa - NW edge - inside
B	58	Chalchupa - NW edge - outside
B	59	Chalchupa - center - outside edge
B	60	Chalchupa - center - inside edge

p. 2 of 4

Subtop	Transit Point	Context
B	61	Chalchuspa - NE edge - inside
B	62	Chalchuspa - NE edge - outside
B	63	Chalchuspa - NE corner - outside
B	64	Chalchuspa - E edge (N)
B	65	Chalchuspa - NE corner - inside
B	66	Tazumal - NW edge
B	67	Tazumal - NE edge
B	68	Tazumal - SE edge
B	69	Tazumal - SW edge
B	70	Chalchuspa - SE corner - outside
B	71	Chalchuspa - SE edge - outside
B	72	Chalchuspa - S/central edge - outside
B	73	Chalchuspa - S/central edge - inside
B	74	Rio Negro - SE edge
B	75	Chalchuspa - cut block in center
B	76	Rio Negro - NE edge
B	77	Rio Negro - NW edge
B	78	Rio Negro - SW edge
B	79	Ceren - center
B	80	Chalchuspa - SW edge - inside
B	81	Chalchuspa - SW edge - outside
A	82	Quirigua - SE edge - outside
A	83	Quirigua - SW edge - inside
A	84	Playitas - E edge
A	85	Quirigua - NE edge
A	86	Quirigua - center - outside
A	87	Quirigua - center - inside
A	88	Playitas - W edge
A	89	Guayaton - NE edge
A	90	Arapahoe Viejo - E edge / center

Subop	TRANSIT POINT	CONTENT
A	91	Guayatan - NE "bench"
A	92	Guayatan - E/central edge - inside
A	93	Guayatan - E/central edge - inside - step out (W)
A	94	Guayatan - NE/central edge - outside - step out (N)
A	95	Guayatan - center - outside
A	96	Guayatan - center - inside
A	97	Guayatan - NW corner
A	98	JUAYANA - N/center
A	99	Bobos - NW corner - "shelf / bench"
A	100	Bobos - NE corner - "shelf / bench"
A	101	Arapahoe Viejo - center
A	102	Arapahoe Viejo/Mojomales - NW corner
A	103	Las Quebradas - center
A	104	Quebrada Grande - NE edge
A	105	Quebrada Grande - NW edge
A	106	Comanche FARM - S edge
A	107	Comanche FARM - center
A	108	Comanche FARM - N edge
A	109	Viejo Brisas del Valle - NE edge (visible)
A	110	Viejo Brisas del Valle - SW edge (visible)
A	111	Comanche FARM - NE extension
A	112	Rio Palo - NW edge
A	113	Rio Palo - SE corner / JUAYANA - S extent
A	114	Acasagustatan - S/central edge
A	115	Acasagustatan - SW edge
A	116	Acasagustatan - NW (visible) edge
A	117	Mojomales - S extent
A	118	Choco - S extent
A	119	Macholoz - paved floor
A	120	Santa Leticia - NW edge

P.3 of 4

Subop	TRANSIT POINT	CONTEXT
A	121	Santa Leticia - NE edge
D	122	Quimistan - NE corner
D	123	Quimistan - center
D	124	Quimistan - NE corner - step out (E)
D	125	Quimistan - NE corner - step out farther (E)
D	126	Quimistan - SE corner step out still farther (E)
D	127	Quimistan - SE visible extent
D	128	Choloma - center
D	129	Playa de los Muertos - E edge/SE corner
D	130	Playa de los Muertos - S/center - cut block
D	131	Playa de los Muertos - N/center
D	132	Salitron - center
D	133	Playa de los Muertos - NW edge
D	134	El Nispero - center/top
D	135	Yarumela - highest point/level
D	136	Yarumela - SW corner
D	137	Yarumela - S continuation
D	138	El Nispero - center/bottom
A	139	Celilac - NW edge
A	140	Celilac - SW edge
A	141	Buena Vista - E edge
A	142	Buena Vista - W edge
A	143	Santa Leticia - SE edge
D	144	Quimistan - N edge of terrace
D	145	Choloma - N edge of wall
D	146	Choloma - Central edge of wall
E	147	unit 12 - SW corner
E	148	unit 1000 SE corner
E	149	unit 1010 SW corner
E	150	unit 09 - SE corner

Subop	TRANSIT POINT	CONTEXT
E	151	unit 08 - SW corner
E	152	unit 07 - SE corner
E	153	unit 06 - SW corner
E	154	unit 05 - SE corner
E	155	unit 04 - SW corner
E	156	unit 03 - SE corner
E	157	unit 02 - SW corner
E	158	unit 01 - SE corner
E	159	unit 13 - SW corner
E	160	unit 14 - SE corner
E	160 161	unit 15 - SW corner
E 161	162	unit 15 - NW corner
F	163	unit 01 - NE corner
F	164	unit 02 - SE corner
F	165	unit 03 - NE corner
F	166	unit 04 - SE corner
F	167	unit 05 - NE corner
F	168	unit 06 - SE corner
F	169	unit 07 - NE corner
F	170	unit 08 - SE corner
F	171	unit 09 - NE corner
F	172	unit 10 - SE corner
F	173	unit 11 - NE corner
F	174	unit 12 - SE corner
F	175	unit 13 - NE corner
F	176	unit 14 - SE corner
F	177	unit 15 - NE corner
F	178	unit 15 - NW corner
E/F	179	Datum 43-03
D	180	Datum 43-02

P. 4 of 4

Subop

TRANSIT POINT

Context

A/B/C

181

Datum 43-01

G

182

Unit 05 - SE corner

G

183

Unit 05 - SW corner

G

184

Unit 03 - SE corner

G

185

Unit 03 - SW corner

G

186

Unit 02 - SE corner

G

187

Unit 02 - SW corner

G

188

Unit 04 - NW corner

G

189

Unit 04 - SW corner

G

190

Unit 05 - NW corner

G

191

Unit 01 - NW corner

G

192

Unit 01 - SW corner

G

193

Datum 43-01 corner

FINAL WORD

(Op. 43A-G)

Excavations were initiated in this operation (43) (on 28 March, 1995) of La Sierra's South Group to investigate mounting evidence that claims this area was used in ceramic production.

Evidence: (1) through excavation and ceramic analysis carried out by the "Naco Valley Project" in the 1988, 1990 & 1991 field seasons, it seemed as though peripheral "site" sites in the Naco Valley showed no signs of craft production, but rather seemed to be "importing" such items as ceramics locally - from a distributor (i.e. La Sierra); (2) the large depression appearing in the middle of operation 43 was determined, by a variety of test-pit excavation, geomorphological analyses, and ethnographic studies, to be an area rich in natural clay deposits - some of the highest quality clay around/outside the Quimistan Valley - and it was proposed that this depression may be an area of clay mining; and (3) test-pit excavations, looters' pits, and general ground survey revealed evidence that this area may have been used in ceramic production: large midden deposits found, abundant clay discovered, and a very deep layer of ash blankets the entire area.

Excavations were centered around a very large depression in the land (some 25M x 30M in diameter and some 2M deep), and a vigorous program of testing all four "sides" (N, S, E, and W) of the depression was initiated:

Subop. A

A 10 meter "axial" trench with some 24 other unit extensions located on the W/SW side of the depression. Identifiable only as a slight rise/mound with semi-abundant rock scatter visible on surface.

Subop. B

An 8 M "axial" trench with some 20 other unit extensions located on the W side of the depression, just ~~W/SW~~ N/NE of subop. A. Identifiable only as a rock scatter of 20-25 stones visible on the surface.

Subop. C

An 8 M "axial" trench with some 27 other unit extensions located on the W/NW side of the depression, just N of subop. B. Identifiable only as a small rock scatter of 15-20 stones visible on the surface.

Subop. D

An 11 M axial trench with some 15 other unit extensions located on the S side of the depression. Identifiable as a rather large, expansive mound with several hundred large/medium stones visible and a few wall/terrace alignments.

Subop. E

A 15 M trench x 2 M wide - test-pits in a checker-board fashion covering the E side of the depression.

Subop. F

A 15 M trench x 2 M wide - test-pits in a checker-board fashion running down into the center of the depression from the east side.

195-78-280
5/22/95

P. 2 of 6

("Final Words" cont'd)

Subop G

A series of test-pits layed out in an "X" form - 5 pits in all dug - located on the N/NE side of the depression.

In addition, the west side covered in heavy/dense vegetation was cleared in parts, surveyed, and many of the "Rock Scatterers" mapped (13 in all scatterers, only 9 mapped).

These investigators also sought to collaborate a model developed for the 1990 Field Season:

"Drawing heavily on recent work in what is variously referred to as 'prestige good theory', 'Wealth finance', and 'prestige good ranking theory', we developed a model of the Late Classic La Sierritas political economy to be tested against the results of additional work in the valley. Briefly, we hypothesized that the La Sierritas paramounts maintained their regional ~~and~~ ~~the~~ preeminence through their effective monopoly over the acquisition, through interregional exchanges, and manufacture of social valuable."

Further,

"We were proposing to study the relationship between craft production and sociopolitical organization within the Late Classic Naco Valley."

And,

"(1) We anticipated that evidence for additional specialized craft production and/or new locations where previously identified crafts were pursued should be forthcoming. (2) More workshops,

in turn, would be found aggregated near La Sierra's monumental site core.... (3) Uncovered workshops should be sizable, capable of producing large surpluses for subsequent distribution by the paramounts throughout the polity. Intensity and volume of production would be reflected in the amount of debris produced and/or the size and complexity of the facilities provided for craft working. (4) the sociopolitical importance of the artisans should find expression in their occupation.... intermediate between elites and commoners.... Indices used to measure [this] include: diversity of artifact assemblages, quality of their domestic architecture, nature of the diet, etc.

[From pp. 3-5 in the 1990 Informe, "Sociopolitical Hierarchy AND CRAFT PRODUCTION: THE ECONOMIC BASES OF ELITE POWER IN A SOUTHEAST MESOAMERICAN POLITY," Ed Schortman, Pat Urban, Marne Ansee, et. al.]

Therefore, the following predictions were made prior to excavations to test the hypothesis that this area was in fact, an area of ceramic production on a large scale:

- (1) this area should have the associated architecture attributed to a "ceramic production" center (i.e. kilns, storage areas, local housing for the artisans, areas of ceramic preparation, etc.);
- (2) this area should exhibit "common spatial relationships" of architecture and non-architecture alike (as observed in the ethnographic and ethnohistoric record): for example, the ~~kilns~~ kiln(s) should not be adjacent to, or "very close" to the houses; the ~~area~~ area of clay-mining (the borrow-pit), kilns, storage area(s), and production area(s), should be relatively close to one another; the storage areas should be "relatively" close to the houses; the borrow-pit should be

P.3 of 6

P95-78-281
5/22/95

("Final Wares" cont'd)

relatively close to a natural water ~~source~~ (i.e. a river, stream, brook, or lake); (3) this area should exhibit archaeological cultural material remains association with a ceramic production center (i.e. potsherds, figurines, stamps, ocarinas, molds, etc.) and furthermore, these artifacts should be found both as terminal debris and in the context of sizable middens that may reflect the degree of production; (4) waste products of firing the kilns, should be encountered (i.e. carbon deposits, ash layers/lenses, etc.)

With this model and these predictions, excavations were begun and continued through to 13 May, 1995. Results are discussed below in each respective suboperation. This is followed by a general discussion with regards to the preliminary predictions and then additional avenues of research are mentioned.

Subop. A

A large complex of rooms was discovered (6 in all) - all very small and narrow, some being "later additions" like the "Rio Palo" room or the "Camarache Farm" room. P. Urban has suggested these are storage rooms ~~like~~ similar in architecture to ones discovered in Santa Barbara excavations. Further evidence are in the ceramic analyses: it has been noted that several sherds refit in several rooms to make several close-to-whole vessels; furthermore, each room was filled with midden amounts of ^{ceramic} material. This complex then is believed to be a storage area for ceramic material being produced

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in the area. Very few faunal remains, shells, organic/once organic matter were recovered and no carbon samples taken - this may indicate that this was not a storage area for foodstuffs (or perhaps only certain rooms were used for such, for the residential area is nearby). Perhaps an earlier underlying construction was originally a residential area, only more analyses on the artifacts can determine this. In all, there are only 3 entries into these rooms, once inside one room, being able to gain access to the others - 1 entrance on the north, and two on the West. General Room dimensions = $1\text{M} \times 4\text{M}$, $1.5\text{M} \times 1.5\text{M}$, $1\text{M} \times 2\text{M}$, $2\text{M} \times 3\text{M}$, $1\text{M} \times 1.5\text{M}$, and $1.5\text{M} \times 2.5\text{M}$. There seems to be ~~3~~ 3 phases of construction - one involving the features "Quirigua," "Playitas," "Quebrada Grande," "Celibex," "Machobas," "Santa Leticia," "Buena Vista," and "Rio Pazo;" an ~~earlier~~ ^{earlier} still phase may ~~involve~~ involve "Arapahoe Viejo," "Las Quebradas," "Bobos," & "Guayatan." The latest phase seems to be with "Choco," and "Mojonales." A "cluster-like" analysis on the feature elevations will be needed to make specific identifications - within this also, ceramic analyses to help to determine a chronology of occupation at all levels of "use."

Subop B

A large circular feature made of stones - very similar in architectural appearance to the kiln discovered in Op. 31 (Str. 120) - in the North Group in the 1990 Field Season. It has an "obvious" west vent ("ceren"), east vent ("Tazumal"), stoking hole ("Rio Negro"), niche in its SE side ("Pulwapanzak"), and associated room ("Cihuatlan"). It sits on a large ash deposit and was filled with ceramic debris. Carbon samples were found in

P. 4 of 6

P95-78-282
5/22/95

("Final Word" cont'd)

"Cihuatlan" - a proposed storage area for firewood. About 5.5 M in diameter, this is an excellent candidate for a kiln or similar firing device. So called "kiln" byajereque was also found in this area, although not in large abundance. Of interesting note, the kiln seems to be built on a slant sloping downward about 10cm in toward the center of the depression - this suggests it was constructed after the mining of clay had begun. An extension of "Cihuatlan" was discovered - "Guacamayo" - to its north. Also to note - "ceren" has a large flat faced stone standing perfectly upright with its narrow edge facing into the kiln (more evidence that this feature acted as a vent).

Subop C

2 or 3 construction phases of as yet, undeterminable function. The first phase exhibits evidence of early clay mining ("Quelepa" - a large ramp of cut-stone angling downward into clay deposits - far below all other architecture) with ^A associated room ("LA MARIPOSA" / "El Puente" / "Lo De Vaca"), and 3 (possibly 4) stone semicircles with cobblestone floors (possible "ovens" or other heating devices). The later phase, defined by the "Los Vegas" / "Los Higos" wall - "feels" like a retaining wall / erosion control - its winding and stacked following the subtle curves of the landscape. The final phase, I believe associated with the kiln, may be an area of ceramic preparation. Evidence is small though, and consists of one figurine-head mold, several figurine fragments, a couple very large, fat, thick metates (not your average corn-grinding metates - possibly for

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crushing temper or beating clay), large amounts of quartzite and schist (for temper?), a ground stone that looks like it was used for sharpening objects, and a large room - "Copen"/"Naco"/"Baide"/"Los Morangos"/"Travesia". More artifact analysis is needed - especially of the obsidian and chert (lithics), as a few graters ("burins") were found (thought to be used for engraving shell or used to make post-fire incisions on ceramic vessels/decorate figurines).

Subop D (str. K-1)

Limited excavations were carried out in this subop due to poor preservation of the overall structure. Typical residential-like artifacts uncovered - manos, metates, ceramic vessels, obsidian, chert, and faunal remains including shell (suggesting a varied diet including corn, small mammals, and shellfish). Confusing architecture (!) - one large ^{basal} terrace and limited summit architecture - constructing of common rocks, but including good numbers of schist and cut-stone blocks. This structure (K-1), then, is a very good candidate for a domicile/residential "house".

Subop E

An eroded/washed down midden area was discovered that grew in intensity as it went north, and diminished as it went south (unit 12 was probably the extent of the midden - but this isn't known for sure). All artifacts removed were really eroded (due to clay, no doubt), being identified by paste only in many cases (!) This area was no doubt a great midden at one time that since washed down slope into the depression (probably after abandonment...?) Soil samples

P.5 of 6

P9578-283
5/22/95

("Final Words" cont'd)

were taken and stratigraphy mapped. There are apparently two main types of clay - black with "natural temper" of crushed quartzite and other stones (appearing as a wash in the clay) that extends from humus to about 40-50cm below ground surface. This layer is followed by a distinct/sharp change to a brown which turns into a lighter brown gradually, with caliche and micaceous inclusions (a variety on the brown).

Subop F

Midden remains from the east side of the depression were discovered in rather large quantities - indicating that this pit was in fact dug during antiquity. The 2 main clays and 1 variety are repeated here, but not in a predictable fashion - the black clay seems to be a top deposit of about 40-50 cm; the brown appears in deposits or pockets at different intervals; finally, another clay type appears at about 100-125cm below ground surface - very light brown/tan with heavy micaceous inclusions (this type has also been found to pop up at other places at La Sierra in unpredictable areas). In unit 15, at the center of the depression - profiled in perfection - can be seen an actual pit dug into this clay from about 100-140/150 cm below ground surface - further evidence to indicate that this ~~is~~ clay was mined in antiquity.

Subop G

A very deep (200cm+) and expansive (10M+) midden perhaps containing ceramics from the Early Classic to the

PostClassic (?). No stratigraphy - only Ash - pure, light brownish gray Ash - very fine / loose / powdery. Very heavy midden deposits ~~about~~ ^{nearby} 75 ~~m~~ 15cm x 25cm bags filled mostly with ceramic potsherds - all very large, diagnostic pieces - were removed. At about 105, then again at 175 cm below ground surface - Ash / Carbon / Burnt Bajareque "layers" / "lenses" discovered (samples taken).

Discussion / Conclusions:

The hypothesis that this area ~~was~~ ^{was} one of ceramic production (and on a large scale) ~~has~~ ^{has} in my opinion ~~been~~ ^{been} proven correct - All my "qualifications" have been met: we have discovered the appropriate architecture - a kiln (Subop B), storage rooms (Subop A), a possible area of "ceramic preparation" (Subop C), and a residential area (Subop D); these structures exhibit the proper spatial relationships - all structures are near the borrow-pit which is just under a 10-minute walk (on present day roads) to a branch of the great Chamelecon River, and less than 100M from a deep quebrada (that has been determined to be running with water during the Late Classic time period), the kiln is about 5M from the storage rooms and about 4M from the "preparation rooms" and about a good 15-20M from the residential area; cultural material remains associated with ceramic production have been found (molds, ceramics, figurines, scarabs, etc.) and in the right contexts - as terminal debris and as heavy midden deposits (Subops E, F, and G) and in large quantities in structures such as subop A, B, and C and not where it is not expected (i.e. subop D); Finally, the appropriate waste material has been found: the area is blanketed by a thick,

P. 6 of 6

P95-78-284
5/22/95

('Final Words' cont'd)

pervasive ash layer - also evident in subop G excavations, sizable middens have been located (subops E/F and G) that reflect a large degree of production [NOTE: only subops E/F reflect "Kiln-mis-fired" material (i.e. firing clouds, over cooking, undercooking, breaks, cracks, etc.) and subop G seems to be filled with the trash from nearby residences - which actually may be of ceramics made here!], and carbon samples/ASH samples have been discovered in and around the kiln and associated room/platform ("Cihwatan").

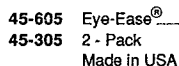
All of which help ^{support} ~~confirm~~ the Naco Valley Project's hypothesis for elite control/monopoly over ceramic production. Certainly the ~~masses~~ have been proven to ~~exist~~, if nothing else. As far as the residence goes - the artifacts recovered were as predicted - varied/diverse in assemblage, with some, but not a lot of imports, a quality diet (faunal remains, shell, and evidence for corn grinding were found), and the quality of architecture was rather high (being constructed with many pieces of schist and cut-stone blocks. [NOTE: Potsherds discovered here suggest a Terminal Classic / Early PostClassic Occupation - plumbe ware found]. So it is, in fact possible that sociopolitical status was correlated with craft production (!).

Survey conducted in the area yielded the following information: on the north side of the depression is La Sierra site core, particularly, to the NE, obsidian workshops, and to the North and NW, residences (probably elite). Immediately N is a long, narrow

Structure of unknown/unguessable function ($\sim 5M \times 10/15M$)
it does appear to be associated with a plaza group of residences immediately N. To the East is a flat (midden) expanse, followed by another depression - also thought to be a clay-borrowing pit - but this depression lacks the contemporary ~~and~~ visible remains of the one currently under investigation - it's filled with little grass and hardly any vegetation, whereas the other depression is filled with trees and abundant flanked. Furthermore this depression has a large dipt/humus level - penetrating at least 10-20cm below ground surface, after Auger-investigations (coring), and has no surface artifacts (and it's also got tire tracks and a dirt road down to its base!) - it's surrounded by super-eroded structures (as a ^{TRACTOR ACCESS} ROAD passes by the area). On the south side of the depression, is a group of residences (5) arranged in a large open plaza (subop D-str. 1C-1 included) - the ground then tapers quickly down off the rise - some 10M or so (!). Finally, to the west, are subops A, B, and C followed by 2 other groups of 3 - very possibly of the same type of structures as the subops under investigation (!). The ground then leaves the rise down to the valley floor as it does on the South.

So this area does seem to have been used for ceramic production - although to what extent is unpredictable without further investigation (especially in the clusters to the west), and the actual time facets/periods of occupation have yet to be ~~ascertained~~ ^{determined}, ceramic analysis forthcoming.

Did not find as much bajareque or as many molds as I predicted - but this could be due to erosion of bajareque in this clay, and the simple fact that perhaps figurines weren't produced here in bulk.



I H- 1525

Subp. 93 (Chris Brown's)

I H.

5/12/55

	Initials	Date
Prepared By		
Approved By		

	1	2	3	4	5
	Point		4	Mid.	DISTANCE
1	Sub op 2		2090 66°	2766	30.00
2			65° 30'	2624	30.62
3			66° 45'	2494	30.94
4			65° 45'	2320	29.43
5			66° 30'	2543	29.77
6			66° 45'	2502	29.41
7			69° 00'	2506	29.38
8			69° 45'	2568	30.90
9			68° 00'	2371	29.13
10			67° 00'	2360	28.60
11			66° 30'	1504	29.21
12			62° 00'	2404	29.76
13			62° 30'	2279	29.36
14			62° 45'	2331	30.39
15			65° 00'	2450	32.00
16			65° 00'	2379	31.19
17			64° 15'	2222	32.00
18			65° 30'	2465	32.50
19			58° 00'	2095	28.69
20			60° 00'	2063	30.41
21			62° 15'	2102	29.23
22			63° 30'	2123	29.38
23			66° 00'	2220	28.80
24			63° 30'	2153	27.02
25			63° 15'	2091	27.62
26			63° 30'	2101	28.10
27			63° 15'	2314	28.64
28			62° 45'	2135	29.24
29			62° 45'	2323	28.26
30			62° 45'	2334	27.78
31			58° 30'	2186	30.49
32			60° 15'	2220	30.60
33			62° 00'	2201	31.25
34			61° 45'	2180	31.50
35			64° 00'	2105	30.65
36			65° 30'	2244	28.92
37			65° 45'	2396	28.46
38			64° 30'	2410	27.30
39			64° 45'	2083	26.88
40			63° 45'	2120	26.63



45-605 Eye-Ease®
45-305 2-Pack
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Subop. 43 (Christian)
5/12/95

Prepared By	Initials	Date
Approved By		

		1	2	3	4	5	
		Point		4	m.i.o.	Distance	
41		Subop C		64°00'	2174	25.93	1
42		Subop B Subop B		67°30'	2375	25.06	2
43				70°00'	2461	25.22	3
44				70°45'	2461	25.73	4
45				70°45'	2524	27.81	5
46				70°30'	2366	27.59	6
47				69°30'	2285	27.55	7
48				69°45'	2306	25.94	8
49				68°45'	2168	26.00	9
50				72°00'	2565	28.50	10
51				71°30'	2496	26.03	11
52				74°15'	2655	27.98	12
53				73°00'	2563	26.11	13
54				69°15'	1920	22.01	14
55				69°30'	1990	22.11	15
56				68°30'	2177	21.96	16
57				69°15'	2157	22.57	17
58				68°00'	2190	22.84	18
59				68°30'	2162	24.02	19
60				70°15'	2177	23.84	20
61	21			72°15'	2341	25.58	21
62	22			71°00'	2267	25.70	22
63	23			72°30'	2297	25.85	23
64	24			74°15'	2396	25.74	24
65	25			73°30'	2285	25.20	25
66	26			75°15'	2453	25.40	26
67	27			76°30'	2619	26.07	27
68	28			77°15'	2728	25.94	28
69	29			76°45'	2485	25.05	29
70	30			77°00'	2575	25.26	30
71	31			78°30'	2524	24.80	31
72	32			79°30'	2478	23.01	32
73	33			76°30'	2397	24.40	33
74	34			78°30'	2315	22.29	34
75	35			76°30'	2480	23.83	35
76	36			75°00'	2214	23.36	36
77	37			74°30'	2206	22.77	37
78	38			77°15'	2270	21.70	38
79	39			70°30'	2193	22.23	39
80	40			72°15'	2075	21.21	40



45-605 Eye-Ease®
45-305 2-Pack
Made in USA

Subop 43 (Christian)
5/12/55

Prepared By	Initials	Date
Approved By		

	1	2	3	4	5	
	Point		z	m.i.d.	Distance	
81	Subop B Subop A		78°30'	2196	21.12	1
82			75°45'	2310	17.44	2
83			75°30'	2172	16.91	3
84			80°45'	2106	17.39	4
85			81°45'	2251	17.75	5
86			86°30'	2331	17.49	6
87			86°30'	2065	17.21	7
88			80°15'	2073	16.49	8
89			79°45'	2020	16.29	9
90			84°00'	2805	16.16	10
91			78°00'	2003	16.05	11
92			79°30'	1930	15.41	12
93			78°30'	2004	15.15	13
94			76°45'	1970	15.32	14
95			75°00'	2061	14.23	15
96			76°30'	1895	14.21	16
97			74°15'	2027	13.10	17
98			75°45'	2121	13.62	18
99			81°00'	1848	13.28	19
100			82°30'	2945	14.45	20
101			83°30'	1791	14.95	21
102			84°00'	1796	14.28	22
103			84°45'	1915	13.44	23
104			83°45'	1876	12.66	24
105			84°00'	2025	11.40	25
106			80°15'	1905	11.57	26
107			76°15'	1937	11.93	27
108			72°15'	1890	11.76	28
109			70°45'	2164	11.85	29
110			72°45'	2190	11.20	30
111			74°00'	2067	12.62	31
112			87°45'	1861	11.40	32
113			79°15'	2079	12.83	33
114			78°30'	2120	12.07	34
115			70°45'	2074	17.07	35
116			92°30'	1966	12.63	36
117			88°15'	1884	14.37	37
118			90°45'	1981	15.92	38
119			92°00'	2215	15.19	39
120			92°30'	1867	14.43	40



45-605 Eye-Ease®
45-305 2-Pack
Made in USA

546cp. 43 (Choloma)
5/12/55

Prepared By	Initials	Date
Approved By		

		1	2	3	4	5	
		52					
121				125°45'	1867	14.09	1
122	Sub op D			125°00'	2470	35.54	2
123				128°00'	2541	36.43	3
124				127°45'	2717	36.75	4
125				128°30'	2681	37.53	5
126				129°30'	2489	37.78	6
127				131°15'	2482	37.79	7
128				132°15'	2312	35.72	8
129				133°30'	1745	33.25	9
130	130			135°15'	2280	32.37	10
131	131			139°30'	1920	32.03	11
132				133°15'	1930	32.28	12
133				135°45'	1960	31.40	13
134				138°15'	2073	30.30	14
135				140°30'	2985	30.98	15
136				142°00'	2133	32.18	16
137				143°30'	2332	32.76	17
138				138°30'	2341	30.30	18
139	Sub op A			138°30'	1895	15.20	19
140				139°45'	1964	15.25	20
141				139°00'	2011	17.04	21
142				136°45'	2109	15.07	22
143				136°15'	2093	14.60	23
144	Sub op D Wedge of Quinistan			125°15'	2840	34.45	24
145	Wedge of Choloma			126°30'	2793	33.82	25
146	Centr. of Choloma			129°45'	2537	34.52	26
147				108°45'	1150	29.00	27
148	Sub op E SW Unit 12	50.6		108°15'	1254	Top 1005, 1507	28
149	SE Unit 11	51.2	scope = +2°45'	107°15'	0800	0545, 1057	29
150	SW Unit 10	50.3	-2°30'	106°15'	0600	0345, 0848	30
151	SE Unit 9	51.7	-2°30'	105°15'	0660	0917, 0400	31
152	SW Unit 8	52.1	-2°15'	104°15'	1061	1320, 10799	32
153	SE Unit 7		No reading				33
154	SW Unit 6	51.9	-3°00'	102°15'	0500	N/A, 0240	34
155	SW Unit 5	51.7	-1°45'	101°15'	2340	N/A, 2133	35
156	SW Unit 4	51.2	-1°30'	100°30'	1750	2021, 0487	36
157	SE Unit 3	53.7	-2°15'	99°30'	2100	1364, 0805	37
158	SW Unit 2	55.1	-2°10'	98°30'	1200	N/A, 0922	38
159	SE Unit 1	55.4	-1°20'	97°45'	1925	2204, 1647	39
160	SW Unit 13		-0°35'	97°00'	2600		40

Sub op 43 (Christian's)
5-12-95

Prepared By	Initials	Date
Approved By		

		1	2	3	4	5	
				Hor. angle	Middle	Bot Top	
1	161	SE Unit 14	57.0	scope angle - 2°00'	96°00'	1100	0816, 11386
2	162	SW Unit 15	57.6	-2°25'	95°15'	0788	0500
3	163	NW Unit 15	60.0	-2°15'	94°30'	0300	0000
4	164	Sub op F - NE Unit 1	✓ 52.8	-1°15'	99°45'	12150	1886
5	165	SE Unit 2	✓ 52.0	-2°05'	99°30'	12300	1037, 1557
6	166	NE Unit 3	✓ 50.8	-2°10'	99°15'	12500	1246
7	167	SE Unit 4	✓ 49.8	-2°10'	98°30'	1049	1500
8	168	NE Unit 5	✓ 49.3	-1°15'	98°00'	2400	2154, 2647
9	169	SE Unit 6	✓ 48.8	-2°10'	97°30'	2845	1601
10	170	NE Unit 7	✓ 48	-2°00'	96°45'	1940	1700
11	171	SE Unit 8	✓ 48	-2°00'	96°00'	2130	1890
12	172	NE Unit 9	✓ 45.4	-3°00'	95°15'	1600	1373
13	173	SE Unit 10	✓ 44.8	-2°15'	94°45'	2224	2000
14	174	NE Unit 11	✓ 44	-3°00'	93°30'	1600	1380, 1820
15	175	SE Unit 12	✓ 43.5	-3°00'	93°00'	1680	1461, 1896
16	176	NE Unit 13	✓ 42.1	-3°00'	92°30'	1700	1496, 1917
17	177	SE Unit 14	✓ 42	-2°15'	91°30'	2550	2340
18	178	NE Unit 15	✓ 40.8	-2°00'	90°30'	2644	2440
19	179	SE Unit 15 NW Unit 15	✓ 40.2	-2°30'	89°30'	2200	1999
20	180	Datum 43-01				1393	
21	181	Datum 43-02				1161	
22	182	Datum 43-03				2436	
23		57.15/55 - TH = 1750					
24		SE Unit 5	43.0		134°45'	1745	1534/1945
25		SW " "	43		135°15'	1711	1496/1926
26		SE " 3	40.9		135°45'	1713	1511/1920
27		SW " "	40		136°01'	1716	1517/1917
28		SE " 2	38.2		136°45'	1711	1521/1905
29		SW " 2	36.1		137°15'	1785	1602/1913
30		NW " 4	39.1		130°30'	1758	1543/1954
31		SW " 4	40.2		131°45'	1829	1621/2023
32		NW " 3	40.8		134°30'	1720	1513/1921
33		NW " 1	40.5		138°45'	1834	1634/2039
34		SW " 1	40.9		140°0'	1917	1713/2122
35		Datum 43-04				1195	
36		TPD 2 - TPD 1 - Sub op 43 60.4 (226°)				1165	0563/1967
37		Scope 4 TPD 2 - TPD 1 EA STA. 18-13 (within 100')				3800	3200/4265
38		Scope 4 a = 16' 106.5					

models
TPD 2