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1999

### PVC-002-Stockett-Field Notes-1999

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JULY 12

99-2-1

Began test pitting OP at EL Coyote  
excavation OPS ~~21/1/01~~ 10

2D; 2E; 2F

Began excavation in 10cm levels

2E/01 0-10cm bgs — some sherds; Bajareque

2D/01 0-10cm bgs - no artifacts

2F/01 0-10cm bgs

All ops — 0-10cm bgs soil dark brown, very wet.

Encounter some roots, few stones

2E/02 10-20cm bgs - Sherds, bajareque (large pieces)

there are many cobbles of small & medium size in this lot, we are slowing down to look for any construction

2D/02 10-30cm bgs (would have been 10-20, but the guys are over zealous — some sherds showing up b/t 20-30cm bgs)

2F/02 - 10-20cm: only black soil

2F/03 20-30cm

2D/03 30-40cm bgs: sherds, dark soil, small cobbles

2E/03 - 20-30cm bgs: an increase in small cobbles

→ we are moving 1 m NW (away from structure)

2E/04 0-10cm bgs - lots of medium cobbles

2F/04 30-40cm → still nothing, sterile soil, very dark

~~2E/04~~ 2D/03 → at 30cm we are beginning to hit very wet saturated soil

2D/04 - 30-40cm bgs: red chert right @ 30cm bgs

2E/04 - some sherds, baja & a metate fragment. This NW test pit is yielding stones and artifacts at a much shallower depth than the Southern op, 2D. Also, much more bajareque in the 2E and more sherds in 2D, perhaps tumble vs midden?

1-5-99

July 15

Begin test pitting OP at EL Coyote  
excavation 092

SD: 5F; 5F  
Begin excavation in 10cm levels

5F/01 0-10cm pds - some shreds; Bayonet  
5D/01 0-10cm pds - no artifacts  
5F/01 0-10cm pds

All 092 - 0-10cm pds soil dark brown, very wet  
encounter some roots, few stones

5F/05 10-20cm pds - 2 shreds, bayonet (long piece)  
there are many cobbles of small & medium size in  
this lot, we are slowing down to look for any construction  
5D/05 10-20cm pds (would have been 10-20 but the  
guns are over water - some shreds showing up but  
20-30cm pds

5F/05 10-20cm: only black soil  
5F/03 20-30cm

5D/03 30-40cm pds: shreds, dark soil, small cobbles  
5F/03 30-30cm pds: an increase in small cobbles  
we are moving 1 m NW (away from structure)  
5F/04 0-10cm pds - lots of medium cobbles

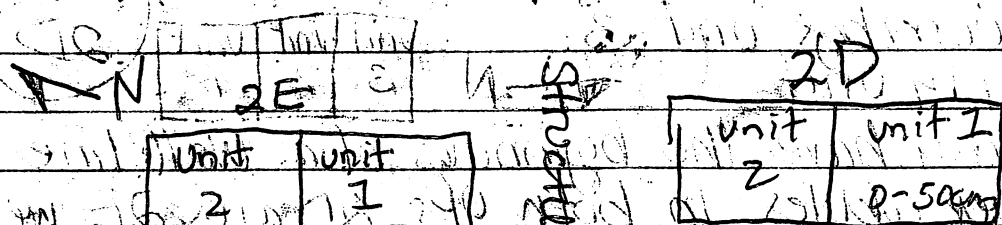
5F/05 30-40cm - still nothing, sterile soil, very dark  
5D/05 30-40cm - at 30cm we are beginning to hit very wet  
stratified soil

5D/04 30-40cm pds: red dirt right at 30cm pds  
5F/04 - some shreds, bayonet & a metal fragment. This NW  
test pit is yielding stones and artifacts at a much shallower  
depth than the southern pit SD. Also, much more  
porcelain in the 5F and more shreds in SD, perhaps  
tumble vs midden?

7/12/99

99E2-2

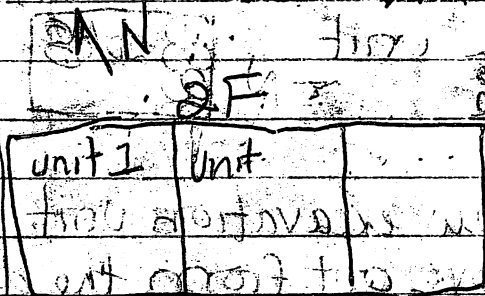
2D/05 0-20cm bgs to new unit is being opened to the NW of unit 2



2E/05 10-40cm bgs lots of

2E/04 at 40cm some sherds & chert are turning up.

2F/05 40-60cm I'm going to include the 2 sherds and chert from 40cm in this lot. 0-40cm was sterile black soil which could be wash from the hill this structure is built into/in front of



2E/05 → we are clearing out the earth & small stones to see if there is a wall line, but it looks like

2D/06 10-40cm lots of bayareque that still has the impressions from the sticks embedded in it. Some sherds as well. Soil remains very dark in color and very wet.

2F/06 60-80cm bgs sherds continue to be

2D at 50cm bgs we are cleaning up both units

2F at 30cm bgs we are cleaning up both units

2F → I am extending 2F/06 to 90cm bgs b/c we are still pulling sherds out. Also, at 80cm the soil is taking on a dark reddish brown color.

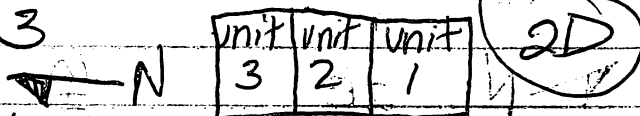


7/12/99

99-2-3

OP 2D, we have cleared out units 1 & 2 and are moving northward another meter into unit 3

2D/07 0-20cm bgs, unit 3  
empty unit



In 2E we may have the beginnings of a wall line of rounded river cobbles. In both OPs 2D and 2E we are pulling large quantities of well preserved bayareque - in much greater quantities than sherds. In 2D the artifact concentration begins about 10-20cm below that in 2E where the tumble & by begins very close to the surface.

In 2F we have reached 90cm bgs and will move 1m to the east, towards the structure.

In 2D we are excavating along the front of what may be a wall line in half of the unit.

2D/08 20-40 cm bgs in the southern .5m of unit 3.



In OP 2E we are opening a new excavation unit 1m further north to attempt to move out from the dense tumble → 2E/06 0-20cm bgs unit 3, there could be a cobble-paved patio here - not many artifacts are coming out of this lot.

2D/08 a wall line is definitely emerging in the northern portion of this unit → large quantities of BJS too.

2E/07 0-20cm bgs - some sherds, dark black soil

2E/08 20-40cm bgs - we are coming down on some large flat cobbles now, still few artifacts

2E/09 - opening a new unit (unit 4) to try and determine the extent and location of this potentially cobble-paved area

2E/07 0-20cm bgs unit 4, empty lot

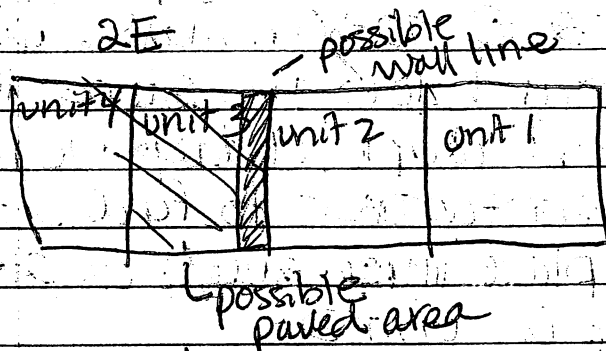
2E/08 10-20cm bgs, unit 4, same black soil

7/12/99

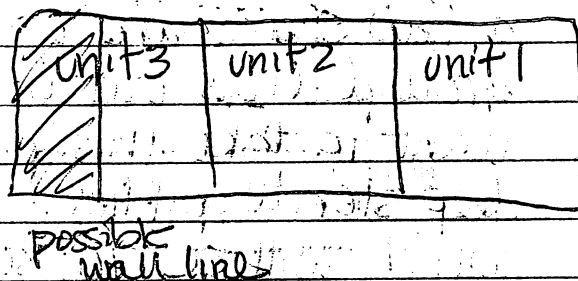
99-2-4

← N

2E



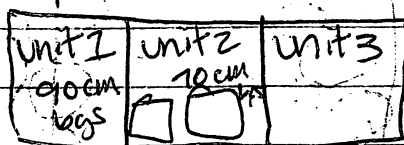
2D



In 2D/08 we are still pulling out cobbles looking for the wall line - I am maintaining this tumble area as all one lot in the southern 5m of unit 3, 0-30cm bgs. Still a large quantity of lg and shreds.

2E/08 - I am extending this lot to 70cm bgs, clearing out the rest of the loose soil and then moving one more meter to the east into unit 3 to see if the line of stones continues towards the structure or turns out to be nothing.

↑ N



↑ structure

↓ possible line

2E/09 - this lot consists of the earthen wall left between unit 1 and unit 2 0-70cm bgs.

7/13/99

Another day of joy begins. Unfortunately the ground hasn't dried up at all and OP 2D is even more waterlogged this morning.

2D/09 - a new unit in this op, unit 4, 1m to the north of unit 3, 0-10cm bgs.

2E/09 - clearing around cobbles, atop possible paved surface @ 20-30cm bgs.

~~2D/10~~ - 0-20cm bgs in a new unit, unit 3, 1m east of unit 2.

7/13/99

99-2-5

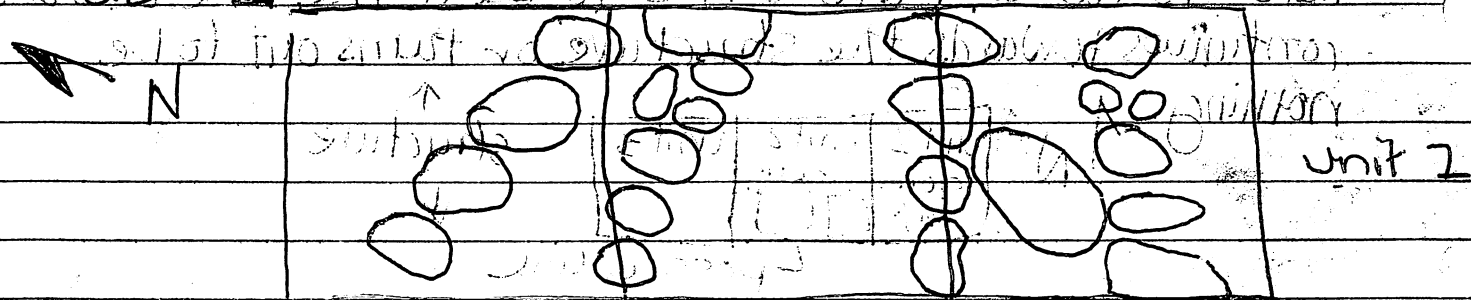
2F/10 before moving into unit 3 on 2F we are removing a large cobble from unit 2 @ 70-80cm bgs. Quite a few sherds are coming out below this stone. If the ground dries out in the next couple of days we may want to take this unit down further to find out how deep sterile soil lies. I will place these sherds in 2F/10 which will be 70-80cm bgs in unit 2.

2F/11 - now we move to unit 3 and will excavate from ground surface down to the top of the large cobble which may be part of a line 70-45cm bgs.

2D/09 - empty lot

2D/10 - 10-20cm bgs / excavating down to the top of what may be a wall line running approx E-W

2E - 20-40cm bgs



4F/11 - unit 3

we have, potentially, 2 diagonal lines and 2 E-W lines running perpendicular to the trench - maybe an earlier & later construction? Maybe just a mess. There don't look to be many sherds coming off the surface of these cobbles (2E/09 - units 3 & 4, 70-20cm bgs atop & around cobbles)

2F/11 continues to yield dark soil, not many sherds  
2D - the possible wall line is not panning out - the stones are not level, but clearly tilted. There may be something running N-S in the west wall, but it's hard to tell.

2F/12 - 45-70cm bgs

7/13/99

99-2-6

We are connecting 2D and 2E with unit 5 of 2D/12. This unit is 2m long x 1m wide.

2D/11 is 10-20cm bgs in unit 5.

We also are straightening the wall in units 3 and 4 of 2E - this wall cleaning unit will be 2E/10.

2E/09 continues as we slowly remove out of place cobbles. This lot contains terminal debris from what is now clearly a feature: (Port Royal) oriented  $25^\circ$  east of north composed of rounded river cobbles of medium size. Extending SW from Port Royal is MGD, a low erratic cobble paving perhaps forming a patio, floor, or paved surface of a platform.

Port Royal is clearly not oriented to what is visible of the surface structure and may therefore be an earlier (or later) construction. Hopefully 2D will reveal this relationship more clearly.

2F continues to yield tumbled.

Along the front of Port Royal (2E/10) we are pulling a good amount of sherds, some obsidian - looking for the wall base.

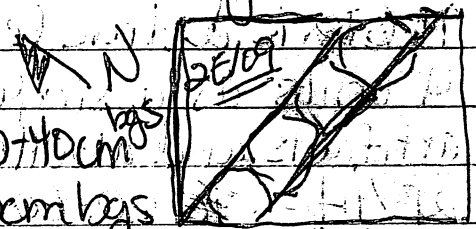
2F/13 - new unit 1m closer to the structure.

2D/12 - back to unit 4 30-40cm bgs

looking for features, sorting through tumbled unit 4 and terminal debris. Several possible features:

2E/11 + 50-60cm bgs. I think this lot will take us below the base of Port Royal. The soil here is super-saturated, beginning to change from dark brown black to dark red. less sherds than I would have thought which may be due to the mud.

30-50cm bgs  
in front of Port Royal



7/13/99

99-2-7

2E/11. We have found the base of Port Royal - what remains of this feature is two courses of cobble stones

2D - many sherds, a lot of tumble but nothing definite

2F/13 - I am extending this lot to follow the cultural layer, at 40cm bgs we remain in tumble ~~layer~~

2E/12 back into unit 3, atop MGD - clearing a few stones looking for a good line ~~at~~ 20-30cm bgs. Under these cobbles there is only more soil & sherds.

In 2D we are coming up with nothing, just a lot of tumble and ceramics. The guys are ripping out stones at an alarming rate + I think we mostly have tumble - but from where? We have nearly cleared out all of 2D & 2E together - if they have removed architecture it is very ephemeral (was, I guess).

2D/13 - in units 4 & 5 we are removing the remaining tumble & debris down to 30-50cm bgs.

~~the~~ 2F/13 - continuing to clear out tumble - this lot now extends to 60cm bgs.

We are going to reorient the trench to hit the structure containing Port Royal perpendicularly. It is unclear if MGD is a true feature or not - it ~~extended~~ through 4 units as a single layer of cobbles atop earth and artifacts and abutted Port Royal.

2F/14 - ~~the~~ 60-80cm bgs - looking for the base of the wall (obsidian stout) which looks to be the basal wall of the large structure.

NEW OP 2E trench oriented to parallel Port Royal

NEW OP 2E trench oriented perpendicular to Port Royal

2E/11 - unit 2 (2m long x 1m wide) 0-20cm bgs - to the top of Port Royal

99-2-8

26/02 - 20-40cm bgs (in front of Port Royal)

2F/14 This unit is yielding many shards, censer prongs, etc. - terminal debris

2F/15 - 80-100cm bgs, below  
obsidian strat

2F/5 - I was wrong, at 90cm N26 ↘  
 bgs we still have not reached the  
 base of Obsidian Stout, this is a very  
 deep wall. The shards of this lot, of which  
 there are MANY, are contemporaneous with, running  
 along, Obsidian Stout, not below it.

→ 24/04 - empty lot

24/02- 20-40cm bgs along the front of Port Royal

26/02 + There is a ton of Bj in this, but it is too muddy and broken to recover much - it is no doubt

Very similar to the  $b_j$  recovered yesterday from 2E

As we get deeper, the soil is practically a mud and by matrix. Owing to the mud and the excavation techniques of the two guys in this sub-op, recovery is far from

complete



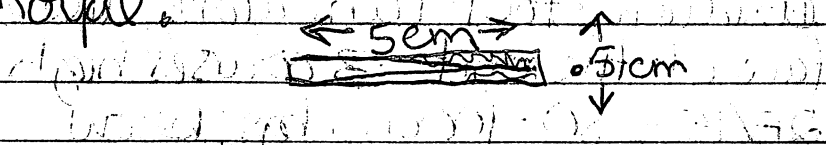
7/13/99

99-2-9

2F/15 - on the contrary, a very careful recovery effort of the trash and debris in this deposit is underway - I feel we are getting a representative sample from this unit.

26/02 - Port Royal has emerged nicely running all along the face of this unit.

24/02 - GREEN OBSIDIAN blade @ 30cm bgs in front of Port Royal.



7/14/99

Today it is just Neville and I. Overcast, may rain.

2G and 2E still retain standing water.

~~We are extending 2H to the other side of the trench formed by 2D and 2E.~~

~~2H/03~~

New OP → 2I: extension of 2H on the other side of the trench formed by 2D & 2E.

2H/03 - 30-50cm bgs in front of Port Royal

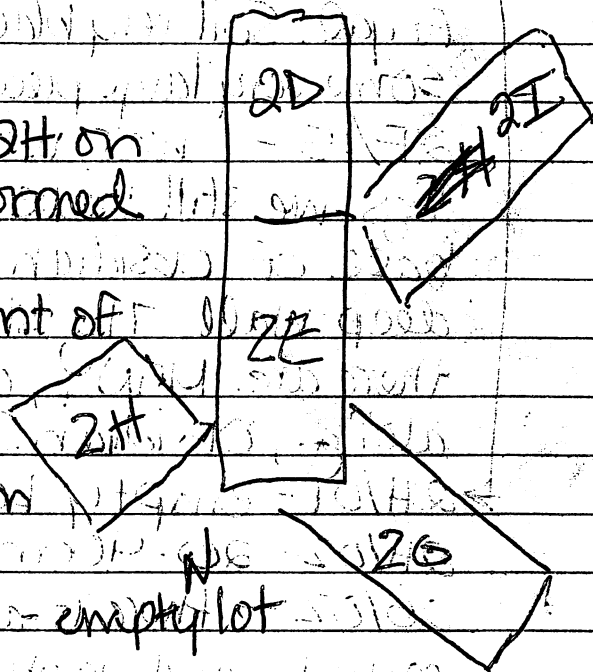
26/03 - cleaning out unit in front of Port Royal 30-50cm bgs

2I/01 0-10cm bgs in unit 2 - empty lot

2I/02 10-20cm bgs in unit 2.

2F/16 - 90-100cm bgs - still looking for the base of obsidian. Start

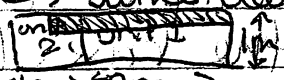
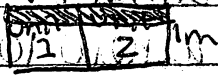
The two young guys in 2G have once again become overzealous and "expanded" their trench about 10cm wide. The sherds from this lot 0-20cm bgs atop Port Royal are 26/04





7/14/99

99-2-9

- 26/05 - opening unit 2 (1m x 1m) 0-20cm bgs coming down a top the continuation of Port Royal
- empty lot 2H/04 - new unit (unit 2 1m x 1m) 0-20cm bgs a top Port Royal looking for the corner of Port Royal
- 2F/16 - pulling a large quantity of sherds out of this lot and we still don't see the base of the wall (Obsidian Stout). This lot comes from 70-90cm below the top of Obsidian Stout
- 2I/02 - 1 am extending this lot to follow the cultural layer 10-40cm bgs. We are encountering few sherds, mainly tumble. Same dark rich soil.
- SUB OR 20  SUB OP/H 

2I/02 does not look to be yielding an architecture, just tumble and a few sherds. @ 50cm bgs, fairly sterile soil

2G/06 - 20-50cm bgs in unit 2. I believe we have located the corner of Port Royal. We will clear this unit and then move SW to find the feature PR joins with.

- 2H/05 - 20-40cm bgs in unit 2
- 2I/03 - 0-20cm bgs in newly opened unit 2 (1m x 1m)
- 26/07 - new unit (unit 3 1m x 1m) turning the trench SW to follow/finds line connecting/cornering with Port Royal 0-30cm bgs empty lot
- 2F/16 - continuing to pull large nice looking sherds from in front of Obsidian Stout
- ENT We have extended 2I out an additional 5m.
- 2I/04 - unit 5 0-10cm empty lot
- 2I/05 - unit 5 10-30cm
- 26/08 - 30-60cm bgs in unit 3
- 26/09 - unit 7 0-10cm bgs empty lot
- 26/10 - unit 7 10-30cm bgs
- 2I/06 - units 1 & 2 30-60cm bgs

99-2-10

2H/06 - unit 1 & unit 2 40-60cm bgs below and along Port Royal

2I/07 - 30-40cm bgs unit 5 beginning to hit ceramics. 2I/05 was an empty lot

2I/08 - 40-50cm bgs unit 5

26/11 - unit 7 30-60cm bgs some cobbles but no wall line discernable

26/12 - opening unit 4 0-30cm bgs coming onto of the wall that corners with Port Royal. We will call this wall Newcastle.

2F/17 - 1m below the top of Obsidian Street I began a new lot. This marks the base of the wall. (130cm bgs)

Sherds drop off

drastically and at

1m 10cm we hit

sterile soil. So

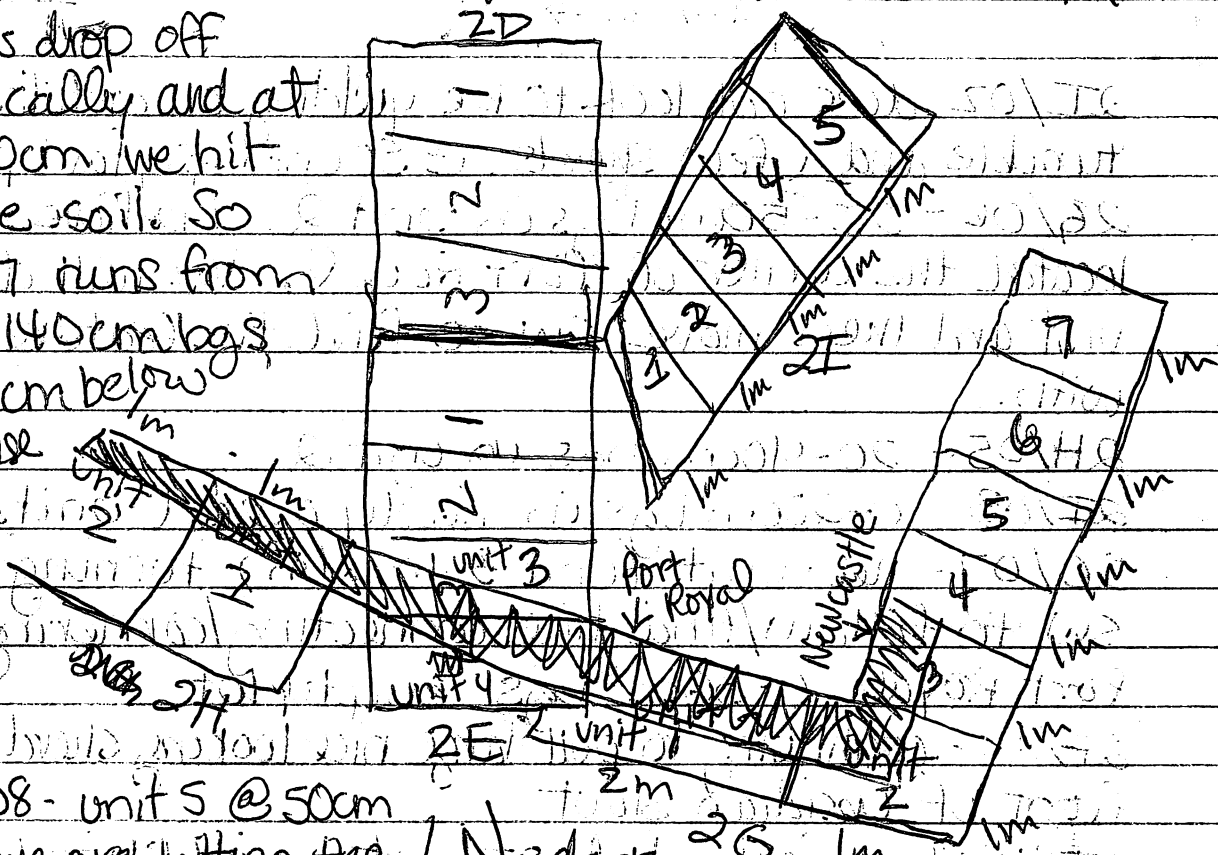
2F/17 runs from

130-140cm bgs

or 10cm below

the base

of the



2I/08 - unit 5 @ 50cm

bgs we are hitting the red clay soil. Still sherds

2I/09 - unit 5, 50-60cm bgs

2H/07 - new unit (unit 3, 1m x 1m) 0-20cm bgs on top of Port Royal

26/11, unit 7 heavy sherd deposit between 50-60cm bgs

7/14/99

1999-2-11

2I/10 - unit 6 0-20cm bgs in a new unit 1m west of unit 2 following a possible wall line running approx ew.

2I/11; unit 4 0-10cm bgs empty lot

In sub op 2I we are encountering a layer, about 3 to 4 courses (20-30cm) deep which looks to cover a broad area behind Port Royal and

Newcastle + it may be that this whole area was a raised wobble platform between the surrounding structures, like a shared work/living space.

2I/12; unit 4 10-40cm bgs

26 turns east, unit 8, unit 9, unit 10 (1m x 1.2m) (1m x 1m) (1m x 1m)

to connect with unit 6 of 2I.

26/12 - units 5 & 6 being excavated together as one unit 0-30cm bgs. The corner of Newcastle should be in this unit.

26/13 - unit 8 0-30cm bgs

by top terminal debris

2I/12 - figurine piece, well preserved - heavy sherd concn.

2H/08 - unit 3 20-50cm bgs (2H/07 - empty lot)

2I/13 - new unit, unit 7 (1m x 1m) to come down 20cm a top what may be a platform surface uncovered in unit 6 and unit 2.

2H/08 - A dense sherd concentration all along/below Port Royal. We may have encountered the corner but must put a .5m unit in to the east to check.

26/13 - unit 8, we have come down on the platform corner (SW).

In units 2I unit 2, 2I unit 6, 2I unit 7 - sherds were recovered from what we now believe is the platform surface.

2I/14 - new unit 3 0-20cm to find wall & platform

11-7/14/99

PP 99-2-12

26/13 - unit 8 new wall: Corona

In 2I, units 4 & 5, it is clearly visible that the cobble architecture was constructed directly atop the ubiquitous dark red clay soil. This can also be seen clearly in 2I units 1 and 2 where we excavated below the platform (MGD) surface.

2H/09 - new unit (unit 4 1m x 1m) 1m east of unit 3  
on closer inspection, Port Royal does not appear to corner yet. 0-20cm bgs.

2I/14 - unit 3, 0-30cm bgs - encountered what we believe to be a good line. (possible SE cont. of Corona)

2I/15 - 30-50cm bgs in unit 3 in front of what may be the SE continuation of Corona. More by

2I/16 - unit 9 1m x 1.20m to the west of unit

8. 0-20cm bgs to come down on top the platform surface.

26/14 - new unit, unit 9 (1m x 1m) 1m east of unit 8  
0-10cm bgs.

(10/26/12 - units 15 & 6, 0-50cm bgs, being excavated together  
pick this same lot up tomorrow)

2I/15 - left unfinished also

8 time down 0 time up 10/26/2010

unit 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7/15/99

99-2-13

This morning we are going to draw a section of this platform, Structure Sub-2. We are moving guys out of 2I unit 9 into 2I unit 10, 1m to the west so we have room to do this. Otherwise, excavations continue as per yesterday afternoon:  
2I/15 - 30-50cm bgs in unit 3, clearing in front of corona

2I/16 - 0-20cm bgs in unit 10, clearing down to the surface of the platform - interrupted, guys going to the plaza to test pit.

26/12 - continuing units 5 & 6 0-50cm bgs

2H/10 - unit 4 30-50cm bgs, looking for the corner of Port Royal.

26/15 - back in unit 9 10-30cm bgs coming down around and in front of MGD/Corona.

~~26~~ 26/16 - new <sup>unit 12</sup> unit, continuation of trench 26 on the east side of 2D, looking for the continuation of corona. 0-10 cm bgs empty lot

In 2H - we have encountered some very large cobbles stepping out to the North from Port Royal it is difficult to tell if these are part of the structure just to the east, tumble, or part of Sub-1. We are clearing around them. Now it almost looks like a large step up onto the platform of Sub-1

26/17 - unit 12, 10-30cm bgs coming down looking for corona/MGD platform @ 20cm bgs we still have sterile soil, we may be too far out from the platform corner. Hitting dense bj at 30cm bgs, still few cobbles  
In 26, unit 9, we are going to step the trench out .5m to the south in order to come up along the wall more easily → 0-50cm bgs 26/18

81-5-11

pp/217

The purpose of this study is to determine the effect of the amount of time spent in the laboratory on the amount of time spent in the field. The amount of time spent in the laboratory is measured in minutes and the amount of time spent in the field is measured in hours. The amount of time spent in the laboratory is measured in minutes and the amount of time spent in the field is measured in hours. The amount of time spent in the laboratory is measured in minutes and the amount of time spent in the field is measured in hours.

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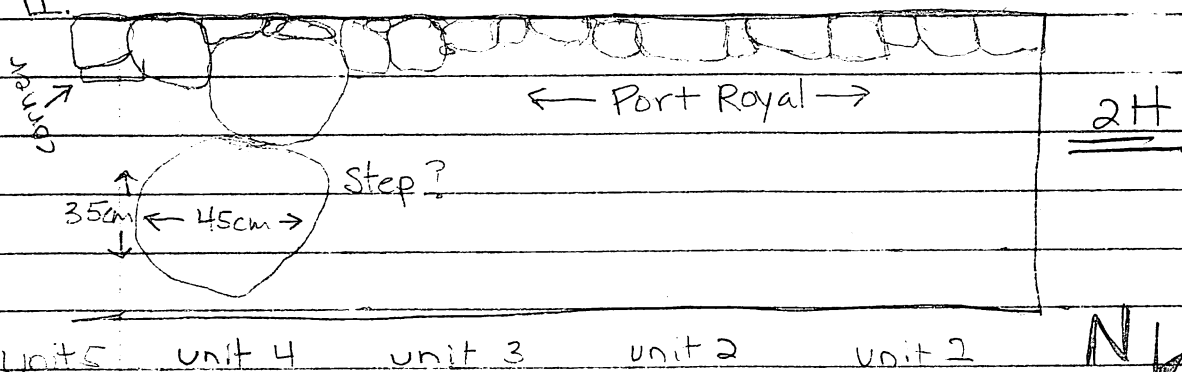
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7/15/99

99-2-14

26/19 → unit 12, 30-40cm bgs, still lots of bj, some shovels. - 3 bags full of bj

2H/11 - new unit (unit 5, 1m x 1m) 1m east of unit 4  
0 - cm bgs.



26/20 unit 12 40-50cm bgs - still some bj, but big decrease in quantities. We can see the corner of Port Royal and the final wall (Fat Tire) coming out in 2H and have clearly just missed it here in 26, unit 12. There is a triangular lot between unit 12 and the trench 002D 1.3m x 1.3m x .2m which we will call unit 12.5. The corner should be here.

26/18 - finished up along the south face of Corona pulled a piece of green obsidian out from under the wall tumble @ about 50cm bgs - this blade is 6cm long.

26/21 - unit 12.5 0-20cm bgs in front of the corner

26/22 - new unit unit 11 1m x 1.5m (N-S) to come in further along the south face of Corona

2H/11 - unit 5 0-50cm bgs. Definite corner on Port Royal where it turns south and becomes Fat Tire.

2H/12 - new unit (unit 6 1m x 1m) - op 2H turns south to follow out Fat Tire

26/23 - unit 12.5, 20-30cm bgs in front of corner





7/15/99

99-2-15

26/24 - unit 12.5, 30-40cm bgs - bj

26/25 - unit 12.5 40-50cm bgs -

26/22 - ignore previous notation for this lot. 26/22 includes artifacts from the 1m x .5m section, 0-5m in front of Corona.

26/26 includes artifacts from the 0-20cm above Corona/MGD in unit 11, excluding the .5m from 26/22.

26/27 - new unit (unit 13 1m x 1m) 0-10cm bgs (empty)

26/28 - new unit (unit 14 1m x 1m) 0-20cm bgs

This unit is 1m east of unit 13 which is 1m north of unit 12.

In 2H/12 we have encountered a line running e-w which appears to connect (abut or interlock is presently unclear) with Port Royal. This line will be Harps.

2I/17: units 9 & 10 being excavated together - 0-20cm clearing the top of the platform MGD (continuing where we left off 1st thing this morning (see 2I/16))

Some comments about the section drawing for str. Sub 1 (#99-2-1). Since our original trench (2D & 2E) came down across the str. mis-oriented, we are profiling 2I (more or less). The first meter or so of the section shows the west face of 2I on the northern end of the structure.

Then we cross an unexcavated section and enter 2D, which we cut across at a diagonal, making it difficult to correctly represent the cobble platform seen in profile here. Jumping the western side of 2D we profile the entire eastern face of what remains of 2I as it extends to the south.

2H/12 - Harps may be a terrace extension from the str. immediately east of sub-1

Notes about the  
section drawing  
#99-2-1

21-5-110

19/12/17

$\frac{1}{\rho} = \frac{1}{\rho_0} + \frac{\alpha}{\rho_0^2} \Delta T$

2017-2002 OP E.S. 1170: 25/20

ssj/cg, tol, and red (initiated) 21/11/59 - 1/12/59

and positive and a self-respect situation. Selfishness

seems to tempt us

26/26 included articles from the 53000 papers

confronting the evidence of the 11th and 12th centuries in the (Lamb) manuscript

12/20

$(1/10)(20/100) = 0.02$  (or)  $(1/10) \times (20/100) = 0.02$

2207752-0 (colony PI time) time cost = 22 Vol

And then in 2010, I had to leave in 2011.

Stitch

W-5 grinder and a barometer and slow-sifted oil

[illegible]

understand what that means. This time will be hard.

max-0 - total (average) value of  $\phi$  at  $P$  sites =  $\pi/\sqrt{3}$

spontaneous) DM can only be as good as available

(JNLS 002) 20100121 0017 19 190119

State concerned about the health consequences of air for animals and people

(18) (12) degit Quiveris 200 mm (1-1-PP#) I 402

8	10/11/1995	150000	200	12	2800	10000	10000
---	------------	--------	-----	----	------	-------	-------

$\langle \text{cost} \rangle = \frac{1}{2} \text{cost}(\text{get}) + \frac{1}{2} \text{cost}(\text{set})$

si għall-uff. ta' l-ambasciata tal-UE f'Is. Għall-uff. tal-kons. tal-UE

1. The first step is to identify the problem or question that needs to be answered.

alliance at the initiative of strong paragraph 2 to remain the

09/08/2017

To find out the value of  $\sin \theta$  we can use the following formula:

4. How safe is it to use the TS to administer drugs?

SHMS - 1/1/2020 12:00 PM

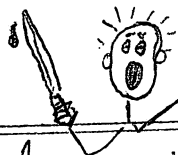
[illegible][illegible]

\_\_\_\_\_

\_\_\_\_\_

7/15/99

99-2-16



2I/17 - is revealing a raised cobble area above the rest of the platform, which can also be seen in the section drawing. Before I give this a separate feature name we are cleaning/clearing further

2G/29 - new unit (unit ~~15~~ 15 1m x 1m) on the NW corner where Port Royal & Newcastle join. 0-20cm bgs to the top of the platform. ~~discovered slightly~~

2G/30 - new unit - unit 15 (1m east of unit 14)

This will follow the terrace line we found in Unit 14 to the east. This feature will be by McMinimins

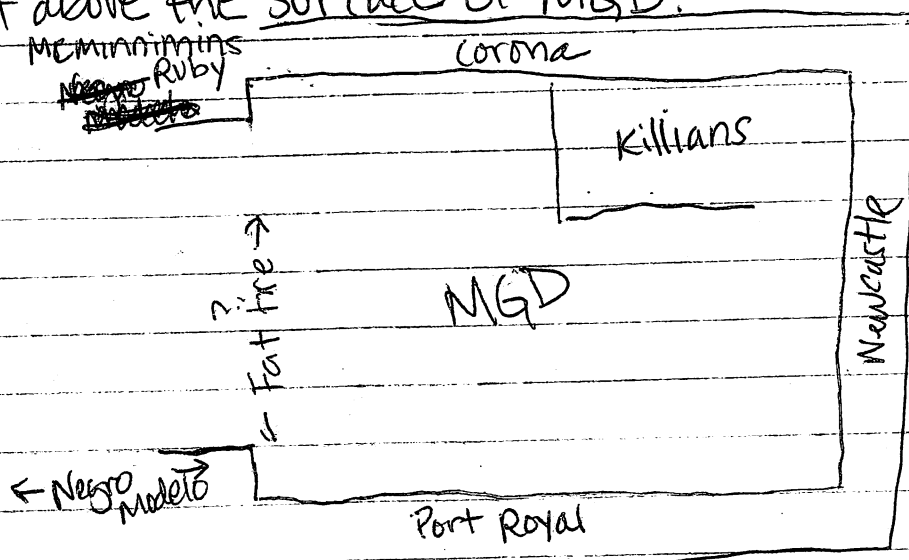
Ruby. Lot 2G/30 is 0-30cm bgs in Unit 15

2G/31 is 10-30cm bgs in unit 14 on top of MGD

~~unit~~ 2H/13 is 0-20cm bgs in a 1m x .5m unit to the north of unit 6 (unit 6.5) to give the guys more room to work in front of the northern terrace line, which will be called ~~McMinimins~~ Negro Modelo.

2H/17 - work continues here at the top of the raised portion of the platform on the corner formed by Corona and Newcastle. This raised feature will be Killians

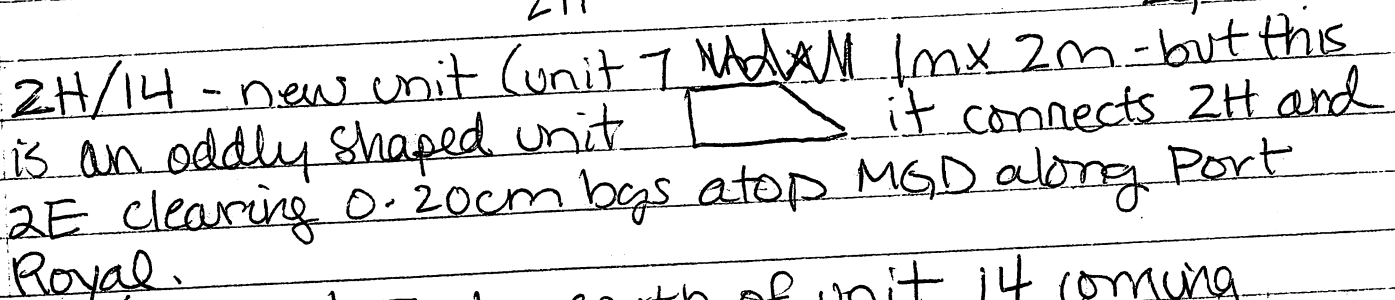
2G/29 - work also continues here at top MGD at the corner of Newcastle and Port Royal. heavy bj @ 40cm bgs - just above the surface of MGD.





99-2-17

along Port Royal 0-30cm bgs.  
Unit 15 had a thick layer of bj from 26-30cm bgs  
laying just on the top of MGD's surface. 21



down in front of McMinnimins Ruby  
26/34 - unit 18 (1m x 1m) 1m north of unit 12.5?  
on top of MGD

2I/18- wall cleaning along Newcastle

green Obsidian came from.  
26/32 Has yielded another raised area: Harps (scratch  
last feature named Harps - it was re-named Negro Modelo)





99-2-18

~~RA~~

7/16/99

~~RA~~

2I/19 - new unit (unit 11 1m x 2m N-S) 1-2m north of unit 10 along Newcastle, a top MGD. 0-20cm bgs. From back dirt

1 pigment stone (south pile)

1 grey obsidian (north pile)

2H/15 - unit 6 & 6.5 30-50cm bgs in front of Negro Modelo and Sierra Nevada (the wall from the structure directly to the east) A large piece of an obsidian point - looks green - comes out at 40cm bgs. Neville's theory on the green obsidian: this structure was the El Coyote hotel which served as a waystation for a lone Central Mexican traveller on the way to visit his lover in Machu Picchu.

2H/16 - new unit (unit 8 1m x 1m) 0-20cm bgs 1m east of unit 7 on top of MGD/Port Royal

2G/35 - new unit 19 (1.8m x 1.65m) removing the triangle between 2E & 2I. 0-20cm bgs on top of MGD & Harps(?)

2H/17 - new unit (unit 9 1m x .5m) .5m north of unit 6.5, we want to trace out Sierra Nevada a little further. 0-20cm bgs.

2G/36 - new unit (unit 20 - 1m west of unit 18

2H/18 - new unit (unit 10 1m x 1m) 1m east of unit 8 0-20cm bgs coming down on top of Port Royal/MGD/Fat Tire/Negro Modelo juncture.

2G/34 - This unit was excavated down to 50cm bgs. At this level, in front of Meminnimins Ruby, another piece of green obsidian was found. I am now in

complete agreement with Neville's brilliant theory regarding green obsidian distribution on str. Sub-1. ↑ see above

Story



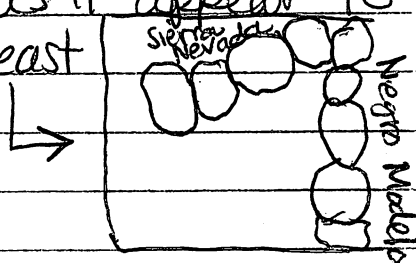
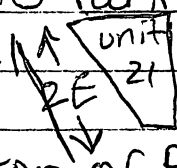
7/16/99

99-2-19

~~2H~~ 2H/19 - new unit (unit 11 1m x 1m, 1m south of unit 10) 0-20cm bgs

In 2H/17 we have encountered some thing very odd - Sierra Nevada just juts out 4 cobbles NW from Negro Modelo and then stops. Nor does it appear to corner with another feature running east

2G/37 - new unit, unit 21 approx. 1m south of 2H unit 7 0-20cm bgs on top of Port Royal.



7/19/99

2I/20 - new unit (unit 12 1.5m x 2.0m - 1.5m east of unit 11) 0-20cm bgs on top of Newcastle/MGD

2I/21 - new unit (unit 13 2.1m x 2m - 1m east of unit 12) 0-20cm bgs 0-20cm bgs

2H/18 - new unit, unit 12 (1m x 1m - 1m east of unit 11) 0-20cm bgs on top of MGD.

2H/19 - new unit (unit 13 1m x 2m - 1m east of units 6, 6.5 and 9) Green Obsidian @ 20cm bgs

2G/38 - new unit (unit 22 1.5m x 1m - 1m east of units 14 & 17 - following Mcminimins Ruby to the east to find the juncture with the str. directly east of sub-1)  
2G/39 - new unit (unit 23 1m x 1.45m - 1m north of unit 13(?))

~~2H~~ 2H/18 → unit 12 - the area exposed here appears to be sunken - we are clearing out the dirt to get a good look.

2H/20 - unit 13 20-50 cm bgs

2G/38 - unit 22 - found the corner of Mcminimins Ruby and the southern wall of the platform, which we will call Bass.

11-2-93

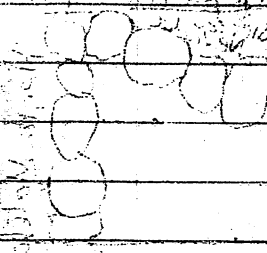
11/10/93

To change ml interval (1 hour) time was - 11/15/93

2nd mass - 0 (11/10/93)

- 1st mass - 0 (11/10/93) - 1st mass - 0 (11/10/93)

1st mass - 0 (11/10/93) - 1st mass - 0 (11/10/93)



11/10/93

To change ml interval (1 hour) time was - 11/15/93

2nd mass - 0 (11/10/93)

1st mass - 0 (11/10/93) - 1st mass - 0 (11/10/93)

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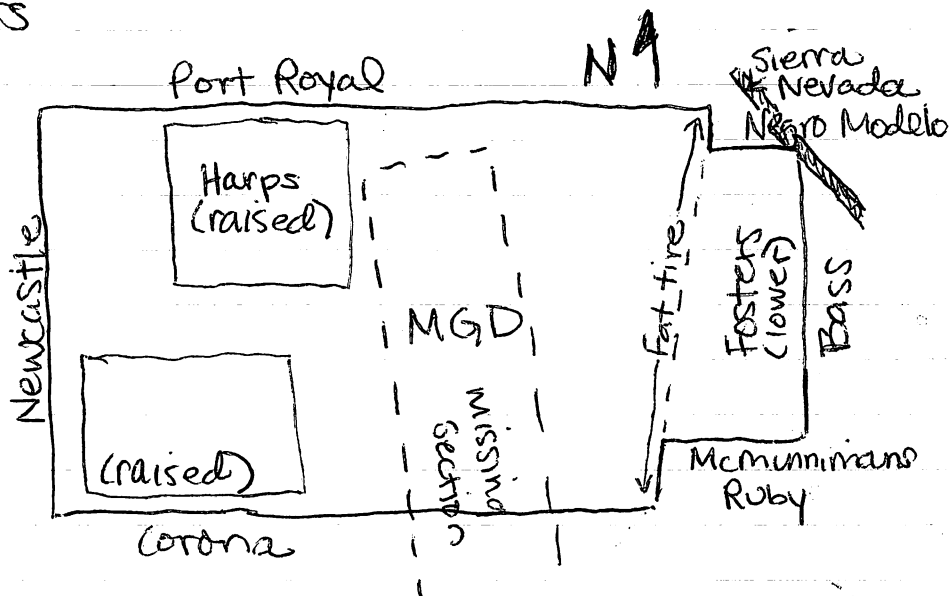
1st mass - 0 (11/10/93) - 1st mass - 0 (11/10/93)

1st mass - 0 (11/10/93) - 1st mass - 0 (11/10/93)

7/19/99

99-2-20

2H/21 - new unit, unit 14 1m x 1.45m in north of unit 22 (2G) to follow Bass along its n-s axis. Also of note, the portion of the platform of sub-1 formed by Negro Model, McMinnimus Ruby and Bass sits about 5cm lower (bgs) than MGD - thus this lower eastern platform will have a separate feature name: Fosters



2G/38 - corner of McMinnimus Ruby & Bass - mano recovered @ 30-40cm bgs

2G/40 - new unit - unit 24, triangle of earth surrounding the extension of Corona between)

2G/2I and the trench made by 2D

2G/41 - structure-cleaning unit - cleaning up, defining lines more clearly all over structure sub-1

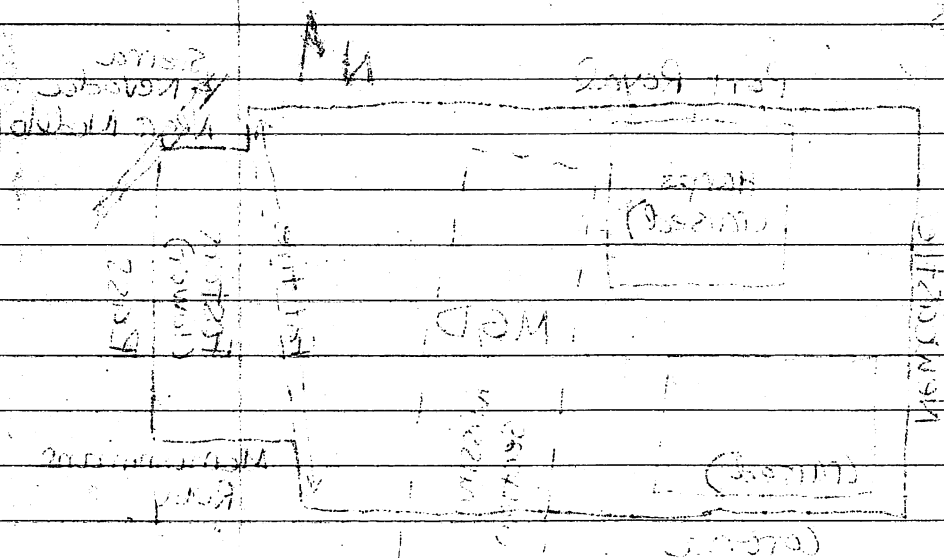
2G/42 - unit 22 - 30-50cm bgs @ the corner of Mcmin Ruby & Bass

2I/2G  
NY

05-8-19

19/11/42

Location of map: xml to find the way - 15/42  
 21/11/42 at 10:00 AM 22/11/42 at 10:00 AM  
 1/12/42 at 10:00 AM 2/12/42 at 10:00 AM  
 3/12/42 at 10:00 AM 4/12/42 at 10:00 AM  
 5/12/42 at 10:00 AM 6/12/42 at 10:00 AM  
 7/12/42 at 10:00 AM 8/12/42 at 10:00 AM  
 9/12/42 at 10:00 AM 10/12/42 at 10:00 AM  
 11/12/42 at 10:00 AM 12/12/42 at 10:00 AM  
 13/12/42 at 10:00 AM 14/12/42 at 10:00 AM  
 15/12/42 at 10:00 AM 16/12/42 at 10:00 AM  
 17/12/42 at 10:00 AM 18/12/42 at 10:00 AM  
 19/12/42 at 10:00 AM 20/12/42 at 10:00 AM  
 21/12/42 at 10:00 AM 22/12/42 at 10:00 AM  
 23/12/42 at 10:00 AM 24/12/42 at 10:00 AM  
 25/12/42 at 10:00 AM 26/12/42 at 10:00 AM  
 27/12/42 at 10:00 AM 28/12/42 at 10:00 AM  
 29/12/42 at 10:00 AM 30/12/42 at 10:00 AM  
 31/12/42 at 10:00 AM



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7/19/99

99-2-21

Opening new test pits around the main plaza and towards the north group.

2N/01 - 0-10cm bgs unit 1 - empty lot

2Q/01 - 0-10cm bgs unit 1 (along long terrace)

2P/01 - 0-10cm bgs in unit 1

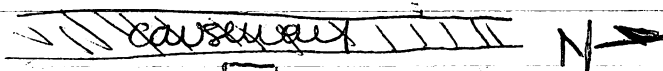
2N/01 - 10-20 cm bgs in unit 1: same dark black soil encountered in upper stratigraphy of excavations in the SW quadrant.

2Q/01 → crumbling schist, lighter brown soil - empty lot. The soil here is quite diff. from the dark black we see everywhere else.

2Q/02 - 10-30cm bgs in unit 1

2P/01 - heavy grass/roots, many small rocks, hard digging here. The soil matrix is very similar to 2Q but the earth itself is darker, more like the black soil we have been finding elsewhere.

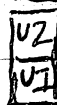
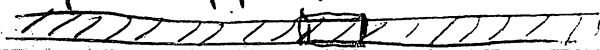
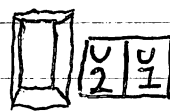
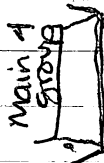
2Q → these TP's are on the east slope of what Ed thinks may be a formal entryway or feature designed to funnel traffic into the main plaza from the north:



2N → these TP's come up the north face of a small cobble structure located just north of the northernmost str. in the main group



2P → these TP's are further north along the causway feature in a location where a str. may have been constructed. Again, the pits approach from the east.





15-6-pp

PP/P/K

[illegible]

9681A Nthn St. Abilene, Tex.

[illegible]

(sample and photo) from the road - 10/28/08

55/01 0-1000 0001-0 - 10/95

10/1/42

Is a logarithmic - growth in the number of nodes

TRUTHFUL - 1/2 and 3/4 20.5(18.0) V8

Wichtig - 1. & 2. Abstand zwischen 73,502 und 73,503 = 10<sup>-5</sup> m

Not a good fit at all

5405 [7.00 in red cross-stitch]

15/01/2007 24002, 1000, 7107/2009 p. 0001 - 10/90

OS of NATURE NOW & XOTOM 102 90T SPN/ 000000

1102 ADDING UNIT WITH SCALES 2005-05-21 FIRST ATLAS WITH TUD

Synovialis joint fluid assay sent Sep  
for culture. FT - neg. Cx -

$\frac{1}{\sqrt{2}} \rightarrow \frac{1}{\sqrt{2}}$

[illegible]

19501960197019801990200020102020203020402050206020702080209021002110212021302140215021602170218021902200221022202230224022502260227022802290230023102320233023402350236023702380239024002410242024302440245024602470248024902500251025202530254025502560257025802590260026102620263026402650266026702680269027002710272027302740275027602770278027902800281028202830284028502860287028802890290029102920293029402950296029702980299030003010302030303040305030603070308030903100311031203130314031503160317031803190320032103220323032403250326032703280329033003310332033303340335033603370338033903400341034203430344034503460347034803490350035103520353035403550356035703580359036003610362036303640365036603670368036903700371037203730374037503760377037803790380038103820383038403850386038703880389039003910392039303940395039603970398039904000401040204030404040504060407040804090410041104120413041404150416041704180419042004210422042304240425042604270428042904300431043204330434043504360437043804390440044104420443044404450446044704480449045004510452045304540455045604570458045904600461046204630464046504660467046804690470047104720473047404750476047704780479048004810482048304840485048604870488048904900491049204930494049504960497049804990500050105020503050405050506050705080509051005110512051305140515051605170518051905200521052205230524052505260527052805290530053105320533053405350536053705380539054005410542054305440545054605470548054905500551055205530554055505560557055805590560056105620563056405650566056705680569057005710572057305740575057605770578057905800581058205830584058505860587058805890590059105920593059405950596059705980599060006010602060306040605060606070608060906100611061206130614061506160617061806190620062106220623062406250626062706280629063006310632063306340635063606370638063906400641064206430644064506460647064806490650065106520653065406550656065706580659066006610662066306640665066606670668066906700671067206730674067506760677067806790680068106820683068406850686068706880689069006910692069306940695069606970698069907000701070207030704070507060707070807090710071107120713071407150716071707180719072007210722072307240725072607270728072907300731073207330734073507360737073807390740074107420743074407450746074707480749075007510752075307540755075607570758075907600761076207630764076507660767076807690770077107720773077407750776077707780779078007810782078307840785078607870788078907900791079207930794079507960797079807990800080108020803080408050806080708080809081008110812081308140815081608170818081908200821082208230824082508260827082808290830083108320833083408350836083708380839084008410842084308440845084608470848084908500851085208530854085508560857085808590860086108620863086408650866086708680869087008710872087308740875087608770878087908800881088208830884088508860887088808890890089108920893089408950896089708980899090009010902090309040905090609070908090909100911091209130914091509160917091809190920092109220923092409250926092709280929093009310932093309340935093609370938093909400941094209430944094509460947094809490950095109520953095409550956095709580959096009610962096309640965096609670968096909700971097209730974097509760977097809790980098109820983098409850986098709880989099009910992099309940995099609970998099901000100110021003100410051006100710081009101010111012101310141015101610171018101910201021102210231024102510261027102810291030103110321033103410351036103710381039104010411042104310441045104610471048104910501051105210531054105510561057105810591060106110621063106410651066106710681069107010711072107310741075107610771078107910801081108210831084108510861087108810891090109110921093109410951096109710981099110011002110031100411005110061100711008110091101011011110121101311014110151101611017110181101911020110211102211023110241102511026110271102811029110301103111032110331103411035110361103711038110391104011041110421104311044110451104611047110481104911050110511105211053110541105511056110571105811059110601106111062110631106411065110661106711068110691107011071110721107311074110751107611077110781107911080110811108211083110841108511086110871108811089110901109111092110931109411095

APR 11 2 15 PM '67

011 2 1020 18T 2304 4 148

945103 22002 D 30 5307 01/01/00

Handwritten text: *Handwritten text, possibly a signature or name, written in cursive.*

[illegible]

2. value of  $\sin^{-1} \frac{1}{\sqrt{2}}$  is  $\frac{\pi}{4}$

[illegible]

and steel was 72% below market in 2015

7205 95 0907 1008999 219 off 11098 15972012100

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100-443887-100

7/19/99

99-2-22

2N/02 → 10-30 cm bgs (ignore previous lot notation)  
a few sherds and some bj begin to appear @ 20 cm bgs  
soil becomes more reddish around 25 cm bgs.

2Q/03 - 20-30 cm bgs (2Q/02 was empty lot)

2P/01 - empty

2P/02 - a few sherds begin to turn up just below 10 cm  
10-20 cm bgs in unit 2.

2N/03 - 30-40 cm bgs - we are now in the reddish  
clay soil layer. Only a few sherds

2N/04 - 40-60 cm bgs unit 2 beneath red clay  
(within red clay).

2Q/03 - empty lot

2Q/04 - 30-40 cm bgs → still no artifacts, crappy  
pebbles, coarse sand-like brown soil, etc. continue.

2P/02 - same as 2Q, but darker soil, general crappiness

7/20/99

2N/05 - 60-80 cm bgs in unit 2 - @ 80 cm we  
hit a line running diagonally through unit 2  
it looks to be older than the structure we

are moving in towards and the ceramics pick  
up in qty. around the feature: "The Natural"

I would like to excavate deeper - to sterile - but we don't  
have room. We are moving south 1 m into unit 2.

2N/06 - 0-10 cm bgs in unit 2 - empty lot

2Q/05: sterile soil and crumbly brown earth &  
rocks - 40-80 cm bgs - empty lot. We will move in  
to unit 2, 1 m to the west. Clay content increases @ 70 cm

2Q/06 - 0-20 cm bgs in unit 2

2N/07 - 10-40 cm bgs (to red clay layer) in unit 2

A line has appeared just below 10 cm bgs: "Philadelphia  
Story"

22-8-PP

[illegible][illegible][illegible][illegible][illegible]

94-0008-3 - 17 Jan 1948 - 30/1/48  
 17 Jan 1948 - 17 Jan 1948 - 30/1/48  
 94-0008-3 - 17 Jan 1948 - 30/1/48

4. The summer of 1962 was the most successful one for the SFT. Several of the birds were seen on the 1st of July at various stages of egg development.

1. The first step is to identify the problem.
 2. The second step is to define the problem.
 3. The third step is to analyze the problem.
 4. The fourth step is to develop a solution.
 5. The fifth step is to implement the solution.
 6. The sixth step is to evaluate the solution.
 7. The seventh step is to monitor the solution.
 8. The eighth step is to maintain the solution.
 9. The ninth step is to improve the solution.
 10. The tenth step is to document the solution.

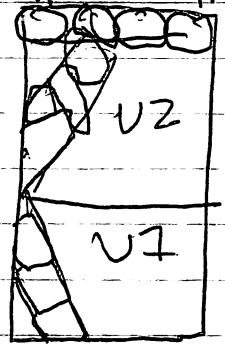
[illegible]

8. Time III (equal interval) 2nd month - 01 - P.V.K.  
"Cumbum": 2nd month, 2nd day, 2nd month, 2nd day, A.

7/20/99

99-2-23

- 2N/07: 10-~~10~~0cm bgs - unit 2 in front of "Philadelphia Story"
- 20/06: 0-20 cm bgs - unit 2: same soil matrix as unit 1 of this sub-op Empty lot
- 20/07: 20-60cm bgs in unit 2
- 2N/07 - as in unit 2, sherds are sparse b/t 20-60cm bgs if there is heavy terminal debris from this structure, our TP has missed it. I also think the line here is actually tumble we will have to open unit 3 to know exactly where "Philadelphia Story" is. Not much by here either.
- 2N/08: 60-80cm bgs in unit 2 - another wall line: "The Matrix"
- 2P/03 - 20-40cm bgs in unit 2
- 2N/09 - 0-10cm in new unit, unit 3  
1m south of unit 2 to try and find "Philadelphia Story". empty lot
- 20/07 - we continue to find nothing
- 20/08 - new unit, unit 3 1m west of unit 2 0-20cm bgs
- 2N/10 - we are working back in the southern .5m of unit 2 and in unit 3 taking out stones which we think are not part of the wall. 10-40cm bgs
- 20/08 - finally we have begun to find sherds
- 20/09 - new 20-~~10~~0cm bgs in unit 3 empty lot
- 2P/03 - This is yielding nothing - I am dropping the lot down to 50cm bgs and then moving into unit 2, 1m to the west.
- 20/10 - new unit, unit 4 1m west of unit 3 0-20cm bgs
- 2N/10 - we continue to search for our line - it is very hard to tell, but I believe we are still just pulling out tumble - there are artifacts wedged between the cobbles  
We could find no line - new unit (unit 4) 1m S. of U3.
- 2N/11 - 0-20cm bgs unit 4



N  
↓

23



7/20/99

99-2-24

## FINAL NOTES SUMMARY: STR. SUB-1

general description: this structure is a low cobble raised platform that can be divided into a western section and an eastern section. The western section includes two raised foundations (or benches) on its surface, one to the south, one to the east. The eastern section is slightly narrower than the western one, stepping in approx cm on both the northern and southern sides. It may have been a later edition to the structure. Also abutting the eastern section of the platform is a single course running NE by SW and intersecting sub-1 at a diagonal. The function of this feature is unknown. Also of note: the eastern section is slightly lower than the western section.

Artifacts: general description: mainly sherds and bajareque were recovered around and on top of this platform. In fact, very large quantities of bj were recovered both surrounding the basal walls in terminal debris and on the cobble platform surface. Concentrations were densest around the raised foundation or bench features. Very little chert and a small quantity of grey obsidian were recovered from terminal debris. Of note: more than 8 pieces of green obsidian were recovered around this structure - mainly off the NE corner in terminal debris. Some of these were well-preserved blades.

### Measurements

Western section 8.20m (e-w) x 5.0m (n-s) 0.40m above AGS  
Eastern section 2.35m (e-w) x 3.0m (n-s) 0.30m above AGS  
North raised foundation 3.10m (e-w) x 1.80m (n-s) 0.50m AGS  
South raised foundation 1.65m (ns) x 5.50m (e-w) 0.50m <sup>above</sup> AGS  
Diagonal Wall line 2.50m (NW-SE) excavated 20cm tall

Digging Wall Line 2.50m (NW-SE) extended 200m till  
 North West Foundation 1.80m (N-2) x 2.50m (E-W) 0.250m  
 North West Foundation 3.10m (N-2) x 1.80m (E-W) 0.200m  
 Eastern Section 2.50m (N-2) x 3.0m (E-W) 0.200m above A2  
 Western Section 2.50m (N-2) x 3.0m (E-W) 0.40m above A2  
 Measurements  
 1962  
 NE corner in foundation holes some of these were well-boring  
 was recovered below the structure - mixed cft the  
 debris of rate: pieces of glass & pieces of glass observation  
 quantity of dead charcoal was recovered from foundation  
 foundation on both corners. Very little chert and stone  
 surface. Concentration was highest around the corner  
 the base walls in foundation holes and on the corner platform  
 fact that large quantities of it were recovered both surrounding  
 were recovered around and on top of this platform. In  
 Affected corner platform - mixed chert and - boulders  
 eastern section is slightly lower than the western section  
 the function of this feature is unknown. Also of note the  
 running NE-SE with orientation SW-1 at a distance  
 the eastern section of this platform is a slight corner  
 have been a later addition to the structure. Also a number  
 can be seen the northern and southern side. It is  
 slightly narrower than the western one, stepping up approx  
 the south, one to the east. The eastern section is  
 corner foundation (or boulder) on the surface one to  
 and in western section. The western section includes the  
 platform that can be divided into a western section  
 corner foundation: this structure is a low corner  
 FINAL NOTES SUMMARY: STR: 208-1

7/21/99

99-2-24

2N/12 - 20-40 cm bgs. Pat thinks this structure (the one visible on the ground surface) may have been an earth platform of the post-classic style. The sub-structure (sub-2) is composed, thus far, of "The Natural" and "The Matrix"

2Q/11 - unit 4 20-60cm bgs - empty lot same crappy soil matrix.

2Q/12 - new unit 1m west of unit 4 (unit 5) 0-20cm bgs.

2P/04 - unit 2 0-20cm bgs - empty lot

2P/05 - 20-60cm bgs - empty lot

2P/06 - new unit, unit 3 1m west of unit 2 0-20cm bgs.

2S - NEW SUB-0P

2S/01 - 0-10cm in unit 2 empty lot

2S/02 - 10-20cm bgs in unit 1: sherds

2N/13 - 40-80cm bgs in unit 4

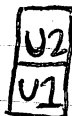
2Q/12 - we are finding sherds and bgs in the dark black soil layer, as in the previous unit

2S/03 - 20-30cm bgs in unit 1: sherds

2S/04 - 30-40cm bgs in unit 1: dark black soil with almost no rocks, cobbles or other inclusions continues.

2Q/13 - 30-50cm bgs in unit 5 - the crumbly red clay evil death soil resumes at 30cm bgs

2N/13 - now that the unit is cleared out that just above the red clay soil a layer of small cobbles (10cm x 10cm) runs along and may be a ephemeral flooring.



road →

N ↓

West face  
dark soil  
000000 20cm  
red  
clay  
80cm





1/21/99

99-2-25

- 2N/14 - New unit (unit 6 1m south of unit 5)  
0-20cm bgs. There is also a layer of orange (soil? bj? stones @ about 15cm bgs I want to get a look at).
- 2S/05: 40-50cm bgs in unit 2, while we remain in the black rich soil I want to maintain a solid stratigraphic (artificial) sequence for this unit and we can follow cultural/Natural layers in unit 2.
- In the first 10cm of 2N/14 we hit a dense cultural deposit - large, well-preserved, censer prongs (13cm long) a piece of green obsidian, bj
- 2P/07 - 20-40cm bgs in unit 3 - empty lot
- 2P/08 - 0-20cm bgs in unit 4, 1m west of U3.
- 2S/05 - Soil has increasing clay content but remains dark in color.
- 2N/15: 20-40cm bgs in unit 6
- 2Q/14: New unit, unit 6 1m west <sup>off</sup> unit 5  
0-30cm bgs. Only in the dark soil where we cont. to find sherds. (2Q/13 was an empty lot)
- 2S/06 - New unit, unit 2 0-20cm bgs
- 2N/15 - we have come down on what may be an ephemeral cobble flooring @ 30cm bgs. Since we can clearly see the deposit in profile I am going to remove it in order to get a good sequence of artifacts. We have pulled 2 more grey obsidian blades off the surface of this floor: "Roman Holiday" as well as a quartz point and a chert flake. I am terminating the lot @ 30cm bgs to keep the artifacts from the floor surface separate.
- 2N/16 - 30-60cm bgs below cobble floor in unit 6.

50-21 AP

9/2/1915

(2)  $\mu$  is the mean of  $X$  and  $\sigma$  is the standard deviation of  $X$ .

2010-07-19 01:50:21 S:ST-260 10006-0

10/15/2023 10:15 AM

(to 100)

Quinn Smith 9/19/2017 E-mail to 424 m002-04: 30/22

10/32 a. Justification of travel: 1702 and 5000 off the

and finally the  $\text{C}_{10}\text{H}_8$  (anthracene) substituents

5. Time is about 20 min / 20.000 / 10000 / 10000

Counting 2700° to find out how far we are from 2700°

(1991-1992) 2000-2001 2002-2003 2004-2005 2006-2007 2008-2009 2010-2011 2012-2013 2014-2015 2016-2017 2018-2019 2020-2021 2022-2023 2024-2025 2026-2027 2028-2029 2030-2031 2032-2033 2034-2035 2036-2037 2038-2039 2040-2041 2042-2043 2044-2045 2046-2047 2048-2049 2050-2051 2052-2053 2054-2055 2056-2057 2058-2059 2060-2061 2062-2063 2064-2065 2066-2067 2068-2069 2070-2071 2072-2073 2074-2075 2076-2077 2078-2079 2080-2081 2082-2083 2084-2085 2086-2087 2088-2089 2090-2091 2092-2093 2094-2095 2096-2097 2098-2099 2100-2101 2102-2103 2104-2105 2106-2107 2108-2109 2110-2111 2112-2113 2114-2115 2116-2117 2118-2119 2120-2121 2122-2123 2124-2125 2126-2127 2128-2129 2130-2131 2132-2133 2134-2135 2136-2137 2138-2139 2140-2141 2142-2143 2144-2145 2146-2147 2148-2149 2150-2151 2152-2153 2154-2155 2156-2157 2158-2159 2160-2161 2162-2163 2164-2165 2166-2167 2168-2169 2170-2171 2172-2173 2174-2175 2176-2177 2178-2179 2180-2181 2182-2183 2184-2185 2186-2187 2188-2189 2190-2191 2192-2193 2194-2195 2196-2197 2198-2199 2200-2201 2202-2203 2204-2205 2206-2207 2208-2209 2210-2211 2212-2213 2214-2215 2216-2217 2218-2219 2220-2221 2222-2223 2224-2225 2226-2227 2228-2229 2230-2231 2232-2233 2234-2235 2236-2237 2238-2239 2240-2241 2242-2243 2244-2245 2246-2247 2248-2249 2250-2251 2252-2253 2254-2255 2256-2257 2258-2259 2260-2261 2262-2263 2264-2265 2266-2267 2268-2269 2270-2271 2272-2273 2274-2275 2276-2277 2278-2279 2280-2281 2282-2283 2284-2285 2286-2287 2288-2289 2290-2291 2292-2293 2294-2295 2296-2297 2298-2299 2300-2301 2302-2303 2304-2305 2306-2307 2308-2309 2310-2311 2312-2313 2314-2315 2316-2317 2318-2319 2320-2321 2322-2323 2324-2325 2326-2327 2328-2329 2330-2331 2332-2333 2334-2335 2336-2337 2338-2339 2340-2341 2342-2343 2344-2345 2346-2347 2348-2349 2350-2351 2352-2353 2354-2355 2356-2357 2358-2359 2360-2361 2362-2363 2364-2365 2366-2367 2368-2369 2370-2371 2372-2373 2374-2375 2376-2377 2378-2379 2380-2381 2382-2383 2384-2385 2386-2387 2388-2389 2390-2391 2392-2393 2394-2395 2396-2397 2398-2399 2400-2401 2402-2403 2404-2405 2406-2407 2408-2409 2410-2411 2412-2413 2414-2415 2416-2417 2418-2419 2420-2421 2422-2423 2424-2425 2426-2427 2428-2429 2430-2431 2432-2433 2434-2435 2436-2437 2438-2439 2440-2441 2442-2443 2444-2445 2446-2447 2448-2449 2450-2451 2452-2453 2454-2455 2456-2457 2458-2459 2460-2461 2462-2463 2464-2465 2466-2467 2468-2469 2470-2471 2472-2473 2474-2475 2476-2477 2478-2479 2480-2481 2482-2483 2484-2485 2486-2487 2488-2489 2490-2491 2492-2493 2494-2495 2496-2497 2498-2499 2500-2501 2502-2503 2504-2505 2506-2507 2508-2509 2510-2511 2512-2513 2514-2515 2516-2517 2518-2519 2520-2521 2522-2523 2524-2525 2526-2527 2528-2529 2530-2531 2532-2533 2534-2535 2536-2537 2538-2539 2540-2541 2542-2543 2544-2545 2546-2547 2548-2549 2550-2551 2552-2553 2554-2555 2556-2557 2558-2559 2560-2561 2562-2563 2564-2565 2566-2567 2568-2569 2570-2571 2572-2573 2574-2575 2576-2577 2578-2579 2580-2581 2582-2583 2584-2585 2586-2587 2588-2589 2590-2591 2592-2593 2594-2595 2596-2597 2598-2599 2600-2601 2602-2603 2604-2605 2606-2607 2608-2609 2610-2611 2612-2613 2614-2615 2616-2617 2618-2619 2620-2621 2622-2623 2624-2625 2626-2627 2628-2629 2630-2631 2632-2633 2634-2635 2636-2637 2638-2639 2640-2641 2642-2643 2644-2645 2646-2647 2648-2649 2650-2651 2652-2653 2654-2655 2656-2657 2658-2659 2660-2661 2662-2663 2664-2665 2666-2667 2668-2669 2670-2671 2672-2673 2674-2675 2676-2677 2678-2679 2680-2681 2682-2683 2684-2685 2686-2687 2688-2689 2690-2691 2692-2693 2694-2695 2696-2697 2698-2699 2700-2701 2702-2703 2704-2705 2706-2707 2708-2709 2710-2711 2712-2713 2714-2715 2716-2717 2718-2719 2720-2721 2722-2723 2724-2725 2726-2727 2728-2729 2730-2731 2732-2733 2734-2735 2736-2737 2738-2739 2740-2741 2742-2743 2744-2745 2746-2747 2748-2749 2750-2751 2752-2753 2754-2755 2756-2757 2758-2759 2760-2761 2762-2763 2764-2765 2766-2767 2768-2769 2770-2771 2772-2773 2774-2775 2776-2777 2778-2779 2780-2781 2782-2783 2784-2785 2786-2787 2788-2789 2790-2791 2792-2793 2794-2795 2796-2797 2798-2799 2800-2801 2802-2803 2804-2805 2806-2807 2808-2809 2810-2811 2812-2813 2814-2815 281

01/01/2010 09:59:49

431/ptgms - 81000 2nd mail - 52 - 70/48

38 Addition in  $P^1$  on  $\mathbb{P}^1$  and  $\mathbb{P}^2$  8/76

24 JUN 87 706 T. JACO FMS 0000-0000 30W-10N -29/36

20/03/2020

21/12: 00-1000 Doc. in 00000

27/06/2012

10-50000 Dec 01/12 to 01/13 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818 2819 2820 2821 2822 2823 2824 2825 2

(701) 279-0000 ON 20th St (06) 23rd and 4th St

700-06-0 & Time from start - 20

the following table are obtained from eq. (11):

①  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$  ②  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

at which point I stopped at the door and saw the old man

→ always use a lot of volume in the hair.

[illegible]

"off center" - right side of the wheel

can I get traps a few things shown a 20 Nov 20

the diff. of 235 mmHg @ 101.07 atm

$$T_{\text{max}} = 235 \text{ m}^2 \text{ m}^{-2} \text{ m}^{-1} \text{ m}^{-1} \text{ m}^{-1} \text{ m}^{-1}$$
$$d \ln u = \frac{1}{u} du = \frac{1}{1000} \left( \frac{1}{1000} \right)^{-1} \left( \frac{1}{1000} \right)^{-2} = \frac{1}{1000} \cdot 1000^2 = 1000$$

FINAL NOTES 7/22/99

99-2-28

### SUB-OP 2N: Test Pit Series

This pit series was excavated as a trench into the north face of a low, mainly earthen, mound structure immediately north of the Main Plaza Group. In addition to the earthen structure, this sub-op also revealed architecture from an earlier structure, sub-2.

The soil matrix in this sub-op is consistent with that found in the SW quadrant: dark limestone-enriched soil 0-40cm bgs and dark reddish clay soil from 40-100cm bgs. Few inclusions.

The sub-op was excavated in 1m x 1m units and is 5m long (n-s) x 1m wide (e-w) at its deepest point. It was excavated to 1m below ground surface (on the northern end beneath sub-2).

The two walls revealed on sub-2 are a single course and are built with medium-large sized cobbles (20cm x 35cm on average) - they intersect the trench diagonally. They lie @ 80cm bgs.

An ephemeral cobble floor was found and determined to be the only preserved formal architecture of the earthen mound encountered by these excavations. It is less than 10cm thick and is composed of very small cobbles and pebbles (10cm x 10cm on average). We found no evidence of plaster paving. Also a heavy cultural deposit, including green obsidian, was found on the surface of this floor which rests 25cm bgs.

Other than this layer of artifacts, the soil was virtually sterile (yielding only a few sherds) until 80cm bgs, where artifacts associated with sub-2 are found. Sterile soil resumes at 100cm bgs.



7/22/99

99-2-29

2T/05 - 40-60cm bgs in unit 2 - Some sherds, b, the soil is now fully a dark clay matrix. We will move into unit 2, 1m to the east

2T/06 - 0-20cm bgs in unit 2 - empty lot

2S - unit 4 encountering heavy tumble in the form of very small cobbles 0-20cm was sterile

2S/10 - unit 4 0-20 - empty lot <sup>no sherds, very old</sup>


2S/11 - unit 4 20-40cm bgs - mano <sup>↑</sup> fragment


20/024 2Q/13 - new unit (unit 12) to follow "the string" and collect artifacts from its surface. 0-10cm bgs.

2T/07 - 20-40cm bgs in unit 2

2S/12 the soil is changing as we move in closer to the structure - it is becoming redder and the dark clay content seems to be decreasing. We also may have found a wall line here @ 30cm bgs and are clearing in front of it. 40-60cm bgs

20/025 2Q/14 - new unit (unit 13) 0-10cm bgs cont. to follow "the string" and collect sherds from its surface. At this point the causeway is over 4m wide and appears to have been built directly atop the bedrock type deposit described for this sub-op.

2S/12 - unit 4:  15cm bgs

2S/13  40cm bgs unit 1m in front of the bottom line  
50cm bgs of this feature to excavate in 10cm lots to sterile soil 60-70cm bgs in this unit (unit 5) There is a lot of burned soil here - I am trying to get a carbon sample but it is very crumbly.

PP-B-PP 000000 PP/58/T

g 75012 0002 - f 10000 288 0000: 04 - 01/12

[illegible]

7208 cont of ml. 2100 cto 5700

Tel : 01798 - 62 740 50 Fax : 01798 - 62 1178

Out 10/10/2015 14:00 20-01-01010 P 1100-28

9/10/12 10/10/12 11/10/12 12/10/12 13/10/12 14/10/12 15/10/12 16/10/12 17/10/12 18/10/12 19/10/12 20/10/12 21/10/12 22/10/12 23/10/12 24/10/12 25/10/12 26/10/12 27/10/12 28/10/12 29/10/12 30/10/12 31/10/12 1/11/12 2/11/12 3/11/12 4/11/12 5/11/12 6/11/12 7/11/12 8/11/12 9/11/12 10/11/12 11/11/12 12/11/12 13/11/12 14/11/12 15/11/12 16/11/12 17/11/12 18/11/12 19/11/12 20/11/12 21/11/12 22/11/12 23/11/12 24/11/12 25/11/12 26/11/12 27/11/12 28/11/12 29/11/12 30/11/12 1/12/12 2/12/12 3/12/12 4/12/12 5/12/12 6/12/12 7/12/12 8/12/12 9/12/12 10/12/12 11/12/12 12/12/12 13/12/12 14/12/12 15/12/12 16/12/12 17/12/12 18/12/12 19/12/12 20/12/12 21/12/12 22/12/12 23/12/12 24/12/12 25/12/12 26/12/12 27/12/12 28/12/12 29/12/12 30/12/12 31/12/12 1/1/13 2/1/13 3/1/13 4/1/13 5/1/13 6/1/13 7/1/13 8/1/13 9/1/13 10/1/13 11/1/13 12/1/13 13/1/13 14/1/13 15/1/13 16/1/13 17/1/13 18/1/13 19/1/13 20/1/13 21/1/13 22/1/13 23/1/13 24/1/13 25/1/13 26/1/13 27/1/13 28/1/13 29/1/13 30/1/13 31/1/13 1/2/13 2/2/13 3/2/13 4/2/13 5/2/13 6/2/13 7/2/13 8/2/13 9/2/13 10/2/13 11/2/13 12/2/13 13/2/13 14/2/13 15/2/13 16/2/13 17/2/13 18/2/13 19/2/13 20/2/13 21/2/13 22/2/13 23/2/13 24/2/13 25/2/13 26/2/13 27/2/13 28/2/13 29/2/13 30/2/13 31/2/13 1/3/13 2/3/13 3/3/13 4/3/13 5/3/13 6/3/13 7/3/13 8/3/13 9/3/13 10/3/13 11/3/13 12/3/13 13/3/13 14/3/13 15/3/13 16/3/13 17/3/13 18/3/13 19/3/13 20/3/13 21/3/13 22/3/13 23/3/13 24/3/13 25/3/13 26/3/13 27/3/13 28/3/13 29/3/13 30/3/13 31/3/13 1/4/13 2/4/13 3/4/13 4/4/13 5/4/13 6/4/13 7/4/13 8/4/13 9/4/13 10/4/13 11/4/13 12/4/13 13/4/13 14/4/13 15/4/13 16/4/13 17/4/13 18/4/13 19/4/13 20/4/13 21/4/13 22/4/13 23/4/13 24/4/13 25/4/13 26/4/13 27/4/13 28/4/13 29/4/13 30/4/13 31/4/13 1/5/13 2/5/13 3/5/13 4/5/13 5/5/13 6/5/13 7/5/13 8/5/13 9/5/13 10/5/13 11/5/13 12/5/13 13/5/13 14/5/13 15/5/13 16/5/13 17/5/13 18/5/13 19/5/13 20/5/13 21/5/13 22/5/13 23/5/13 24/5/13 25/5/13 26/5/13 27/5/13 28/5/13 29/5/13 30/5/13 31/5/13 1/6/13 2/6/13 3/6/13 4/6/13 5/6/13 6/6/13 7/6/13 8/6/13 9/6/13 10/6/13 11/6/13 12/6/13 13/6/13 14/6/13 15/6/13 16/6/13 17/6/13 18/6/13 19/6/13 20/6/13 21/6/13 22/6/13 23/6/13 24/6/13 25/6/13 26/6/13 27/6/13 28/6/13 29/6/13 30/6/13 31/6/13 1/7/13 2/7/13 3/7/13 4/7/13 5/7/13 6/7/13 7/7/13 8/7/13 9/7/13 10/7/13 11/7/13 12/7/13 13/7/13 14/7/13 15/7/13 16/7/13 17/7/13 18/7/13 19/7/13 20/7/13 21/7/13 22/7/13 23/7/13 24/7/13 25/7/13 26/7/13 27/7/13 28/7/13 29/7/13 30/7/13 31/7/13 1/8/13 2/8/13 3/8/13 4/8/13 5/8/13 6/8/13 7/8/13 8/8/13 9/8/13 10/8/13 11/8/13 12/8/13 13/8/13 14/8/13 15/8/13 16/8/13 17/8/13 18/8/13 19/8/13 20/8/13 21/8/13 22/8/13 23/8/13 24/8/13 25/8/13 26/8/13 27/8/13 28/8/13 29/8/13 30/8/13 31/8/13 1/9/13 2/9/13 3/9/13 4/9/13 5/9/13 6/9/13 7/9/13 8/9/13 9/9/13 10/9/13 11/9/13 12/9/13 13/9/13 14/9/13 15/9/13 16/9/13 17/9/13 18/9/13 19/9/13 20/9/13 21/9/13 22/9/13 23/9/13 24/9/13 25/9/13 26/9/13 27/9/13 28/9/13 29/9/13 30/9/13 31/9/13 1/10/13 2/10/13 3/10/13 4/10/13 5/10/13 6/10/13 7/10/13 8/10/13 9/10/13 10/10/13 11/10/13 12/10/13 13/10/13 14/10/13 15/10/13 16/10/13 17/10/13 18/10/13 19/10/13 20/10/13 21/10/13 22/10/13 23/10/13 24/10/13 25/10/13 26/10/13 27/10/13 28/10/13 29/10/13 30/10/13 31/10/13 1/11/13 2/11/13 3/11/13 4/11/13 5/11/13 6/11/13 7/11/13 8/11/13 9/11/13 10/11/13 11/11/13 12/11/13 13/11/13 14/11/13 15/11/13 16/11/13 17/11/13 18/11/13 19/11/13 20/11/13 21/11/13 22/11/13 23/11/13 24/11/13 25/11/13 26/11/13 27/11/13 28/11/13 29/11/13 30/11/13 31/11/13 1/12/13 2/12/13 3/12/13 4/12/13 5/12/13 6/12/13 7/12/13 8/12/13 9/12/13 10/12/13 11/12/13 12/12/13 13/12/13 14/12/13 15/12/13 16/12/13 17/12/13 18/12/13 19/12/13 20/12/13 21/12/13 22/12/13 23/12/13 24/12/13 25/12/13 26/12/13 27/12/13 28/12/13 29/12/13 30/12/13 31/12/13 1/1/14 2/1/14 3/1/14 4/1/14 5/1/14 6/1/14 7/1/14 8/1/14 9/1/14 10/1/14 11/1/14 12/1/14 13/1/14 14/1/14 15/1/14 16/1/14 17/1/14 18/1/14 19/1/14 20/1/14 21/1/14 22/1/14 23/1/14 24/1/14 25/1/14 26/1/14 27/1/14 28/1/14 29/1/14 30/1/14 31/1/14 1/2/14 2/2/14 3/2/14 4/2/14 5/2/14 6/2/14 7/2/14 8/2/14 9/2/14 10/2/14 11/2/14 12/2/14 13/2/14 14/2/14 15/2/14 16/2/14 17/2/14 18/2/14 19/2/14 20/2/14 21/2/1

[illegible]
$$= \frac{1}{\sqrt{2}} \begin{pmatrix} 1 & -i \\ 0 & 1 \end{pmatrix} = \frac{1}{\sqrt{2}} \begin{pmatrix} e^{i\pi/4} & 0 \\ 0 & e^{-i\pi/4} \end{pmatrix}$$

0012 SP7 00107 SP (S.T.O.) 1, 38 607 - 275 580

6716 W 305 CORP-AC - PAKIST

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There are four other subgroups of the 230220 group.

4007 320 992 001 800 99 27 2003 7-1000 1000

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

2021-03-04-5. In the 1st school

1. Find the range of the function - PK 02

1. The first 1000 miles from New York to Los Angeles

Robert W. O. 2 (P. 100000) off T. 100000 Y. H. 79. 5-107142

STAND AT GUN, WITHIN TWO FEET OF TARGET AND

- 100-402 2012-05-01 01:00:00 100-402

$$\text{COP} = \frac{1}{1 + \frac{1}{\text{COP}}} = \frac{1}{1 + \frac{1}{1.5}} = 0.6$$

1st day of the 1st week 2nd day of the 1st week

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818

OF SALES OF THE LAND TO THE PUBLIC

$$P_{\text{total}} = P_{\text{air}} + P_{\text{water}} + P_{\text{soil}} + P_{\text{plant}} + P_{\text{microbe}}$$

2)  $\frac{1}{2} \log \frac{1}{2} = -0.5$

*[Faint handwritten notes at the bottom of the page]*

99-2-30

2T/08 - 40-60cm bgs in Unit 2 (2T/07-empty lot)  
some cobbles here, a few sherds and bj too. Same  
dark clay soil.

2T/09 - new unit 3 0-20cm bgs <sup>empty lot</sup>  
gray obsidian

2S/13 - we are pulling sherds, chert, bj from the  
lot. Carbon deposits

2S/14 - 70-80cm bgs in Unit 5 <sup>sherds, chert, bj</sup>  
carbon cont.

2S/15 - 80-90 cm bgs in Unit 5 <sup>obsidian</sup>  
carbon deposits cont.

2T/10 - 20-40cm bgs in Unit 3 - empty lot

2P/11 - had some sherds

2P/12 - new unit .5m to the west to see if the  
shallow (single course, large cobbles) line uncovered  
in the last lot is a facing for the causeway/sacbe.

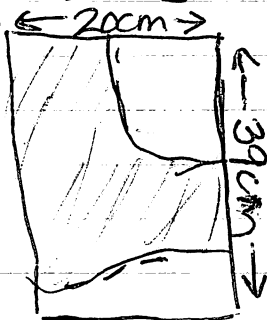
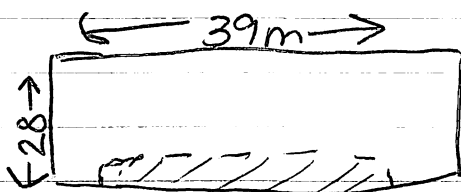
0-10cm bgs

20/026 2Q/15 - new unit (unit 14) - still exposing the  
sacbe surface 0-10cm bgs - sherds, chert

2T/11 - 40-60cm bgs, clearing out tumble  
looking for a line. Same carbon deposits as seen  
in 2S. Also a layer of poorly preserved bj

2Q/16 - new unit (unit 15) following "The Sting"  
0-10cm bgs

2T/11 - we just pulled a large cut stone out of  
the tumble. It is broken on one side and is  
39cm long, 20cm wide, 28cm tall





Top plane (1/12) 2 line in 2nd mode - 80/12  
and out of the 2nd mode and a 2nd mode and  
to 1/12

1/12 mode 2nd mode 2nd mode 2nd mode  
out 1/12 2nd mode 2nd mode 2nd mode - 80/12

2nd mode 2nd mode 2nd mode 2nd mode  
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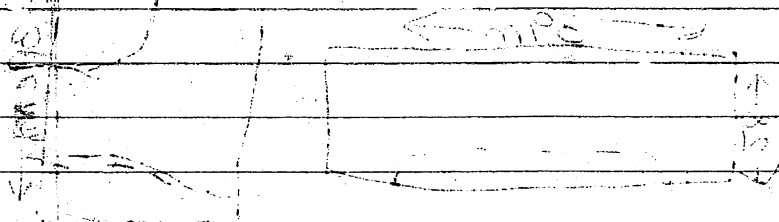
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2nd mode 2nd mode 2nd mode 2nd mode  
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2nd mode 2nd mode 2nd mode 2nd mode - 80/12



7/22/99

99-2-27

- 25/09 - to 50cm bgs in unit 3 - sherds, bj, green obsidian
- 2T/01 - 0-10cm bgs in unit 1 - empty lot
- 20/02 20/10 - cleaning in unit 8 (0-10cm cont. from yesterday)
- 20/022 20/11 - new unit (unit 10 - 1m west of unit 9) sherds 0-10cm, looking for the continuation of the "sacbe" surface - this feature is: "The Sting"
- 2P/10 - continued from yesterday (0-20cm bgs) dark soil, many pebble/schist inclusions. empty
- 2T/02: unit 1 10-20cm - empty lot - dark black clay soil
- 2T/03: unit 1 20-30cm bgs. empty lot, same soil  
↑  
I feel that the setting in which this part of the site lies is striking to the point of being worthy of note here: the structures themselves are long low linear platforms that, when approached from the west, mirror the lay of the mountain/hill slopes they face and overlook the Lacaulapa river. A flat terrace extends eastward from the main platform (which 2T abuts on the western side) forming a natural extension of the structure to the river overlook.
- 20/02 20/11 - 2T/04: 30-40cm bgs in unit 1
- 2P/11 - new unit (unit 7) 0-10cm bgs
- 20/023 20/12 - new unit (unit 11) 0-10cm bgs, following "The sting" along to the west.

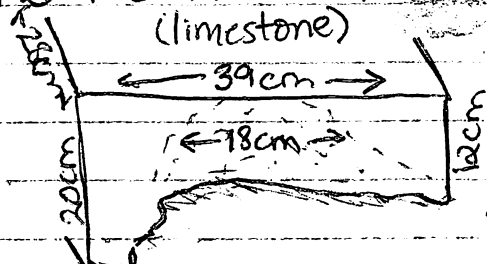


7/22/99

99-2-31

Cut stone from 2T/11 → there are other pieces of cut stone block coming out of this unit as tumble and visible in the trench profile.

very few assoc. artifacts



2T/12 - we are opening a new unit (cut) 0-10cm bgs. Shards

~~20/127~~ 20/17 - new unit (unit 16) 0-10cm bgs on top of "The Sting"

25/15 - empty lot - just hard clay.

2P/13 - new unit .5m x 1m cleaning around the cobble wall "The Hustler" (single course, ephemeral).

No other architecture revealed - no cobble flooring as in 20. Few artifacts

2T → ~~in general the soil~~ In general

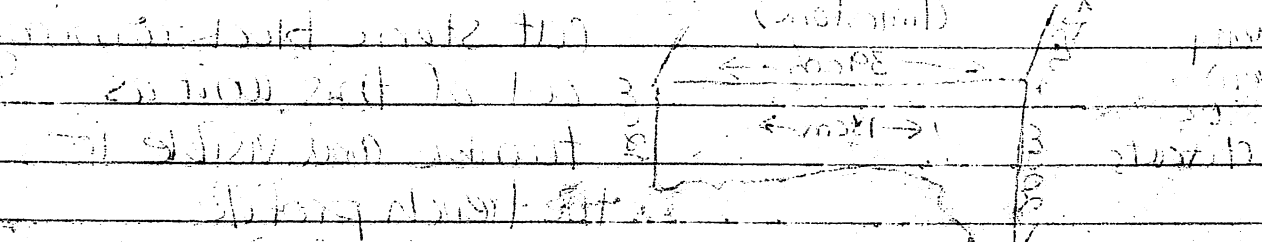
C<sup>c</sup>  
25/13 - New unit 1m east looking for wall

~~20/128~~ 20/18 - new unit 1m west to expose structure wall that saebe is abutted by.

13-6-80

13/12/79

To bring 55110 into 55111 - 11/12/79



55110 (11/12) - 55111 (11/12)

55110 (11/12) - 55111 (11/12)

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7/23/99 - Final Notes

99-2-

0020: Test pit approaching the postulated sacbe from the east.

13m long (e-w) x 80cm deep (or 10cm deep on sacbe surface)  
The first several meters of this series yielded only a thin layer (less than 20cm) of dark brown soil and the rest was a limestone bedrock of rounding rocks and yellowish brown soil. No artifacts were found in this soil matrix.

The sacbe surface consists of a thin (less than 20cm deep) layer of small rounded river cobbles (20cm x 20cm on average) which extends m. until abutting a wall of a structure to the west.

Most artifacts from this sub-op were recovered from this paved surface, less than 10cm bgs. Mainly these artifacts were shards, some bayareque and a few pieces of chert.

See D99- (done by Ed)

002P: Test Pit series approaching the postulated sacbe from the east, approximately 50m north of 0020. As in 20, this series yielded virtually no artifacts and a dense, limestone bedrock type soil with some cobble inclusions. Unlike 0020 no sacbe surface was revealed and few artifacts were recovered. Trench measures 9.0m (e-w) x 60cm bgs.

An ephemeral wall, constructed of ~~a~~ long narrow river cobbles (40cm x 20cm on average) lies along the line where we would have expected to encounter the paved sacbe - however, no paving lay on the west side of this wall.

See D99-2-3

10/17

10/17/1977

CO2P: Test pit approaching the geological section from the west

The first series of this series pit was cut a few feet (10-15 ft) of light brown soil and the test was continued to a depth of 20 ft. The soil was light brown and yellowish brown. The soil was found to be a silty loam.

The second series consists of a thin (1-2 ft) layer of small rounded pebbles (30 cm x 30 cm) in a matrix of silt and clay.

The third series consists of a thin (1-2 ft) layer of small rounded pebbles (30 cm x 30 cm) in a matrix of silt and clay. The soil was light brown and yellowish brown.

CO2P: Test pit series approaching the geological section from the east, approximately 200 m north of CO2P. The soil was light brown and yellowish brown.

The fourth series consists of a thin (1-2 ft) layer of small rounded pebbles (30 cm x 30 cm) in a matrix of silt and clay. The soil was light brown and yellowish brown.

The fifth series consists of a thin (1-2 ft) layer of small rounded pebbles (30 cm x 30 cm) in a matrix of silt and clay. The soil was light brown and yellowish brown.

See PDP-2-3



7/23/99: Final Notes

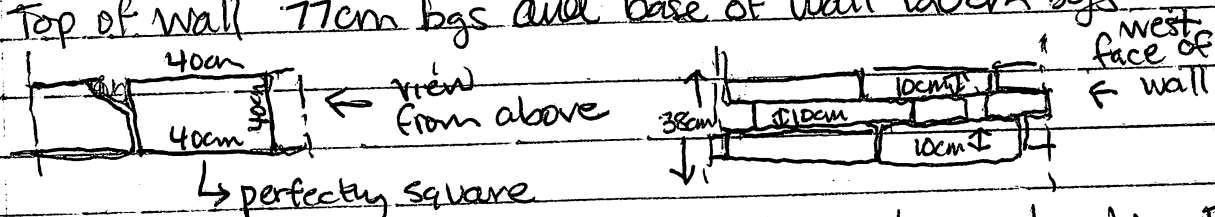
99-2-

002T: Test Pit into the west face of possible PostClassic Platform overlooking the Rio Cacaulapa

5m long (e-w) x 1.20m deep

Revealed cut stone basal wall, 3 courses deep.

Top of wall 77cm bgs and base of wall 120cm bgs



Several cut block stones pulled out of the heavy tumble. Few artifacts recovered - some sherds and bajareque. Some red chert and 1 piece of green obsidian. Dense, black/brown clay soil. Sterile soil @ 1.20m bgs. See D99-2-4

002S: Test Pit into the south face of a possible Postclassic platform, just south of 002T.

4m long (n-s) x 1.0m bgs

Revealed a cobble wall, or possible stairway feature on the south face of the structure. Made of large cobbles .25m x .40m on average and chinked with smaller cobbles. 1st step, 1 course approx. .15m tall, 2nd step 1 course, approx. .20m tall, possible 3rd step (or 2nd course of second step approx. .20m tall).

Artifact concentration in front of feature from 40cm-70cm bgs - including sherds, heavy bajareque (decayed) deposits, black obsidian and green obsidian. Dark black clay soil, except a layer of lighter brown soil just in front of the feature from 30-60cm bgs. See D99-2-2. Oh, also of note: some heavy burning occurred in front of the feature from 40cm-70cm bgs - took a carbon sample.



7/27/99 PVN

99-2-32

Surface collection @ Site 202 Las Canoas

5 bags

PVN 601

small mound group 150m SW of site 202  
situated on flat open vega to the SW of the Rio Chamelecon

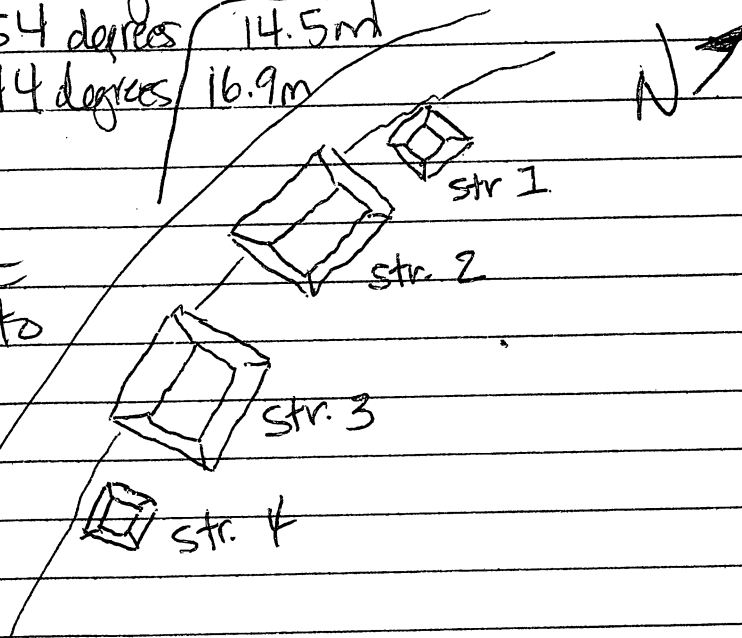
STR	ANGLE	DIST
NE corner str. 1 1	287 degrees	13.2m
NN corner str. 2 2	288 degrees	16.5m
SW corner str. 1 3	278 degrees	16.6m
NW corner str. 2 4	260 degrees	15.3m
SW corner str. 2 5	245 degrees	17.85m
SE corner str. 2 6	228 degrees	14.2m
SW corner str. 3 7	191 degrees	11.7m
SE corner str. 3 8	172 degrees	13.5m
NE corner str. 3 9	154 degrees	8.3m
NW corner str. 4 10	145 degree	11.4m
SW corner str. 4 11	154 degrees	14.5m
SE corner str. 4 12	144 degrees	16.9m

Structures are built into  
a slight rise to the NE  
along a steep ridgeline to  
the SE.

GPS:

3 692 85

16 931 42



Roberto Canchagua

SSI - 6124

SSI - 6717

km

5 Swords & Chest Plates

Blind & Vork

99-8-11

removed

Unit 1

7/2/99

el cable

0004/0007

#8

Line

Line

Line

Line

Line

Line

99-2-33

7/27/99

PVN site 602

Large mound group  
80m SW of Ranch House  
office. Currently cattle  
pasture. Ground visibility  
good - vegetation low trees.  
Surface collection taken:

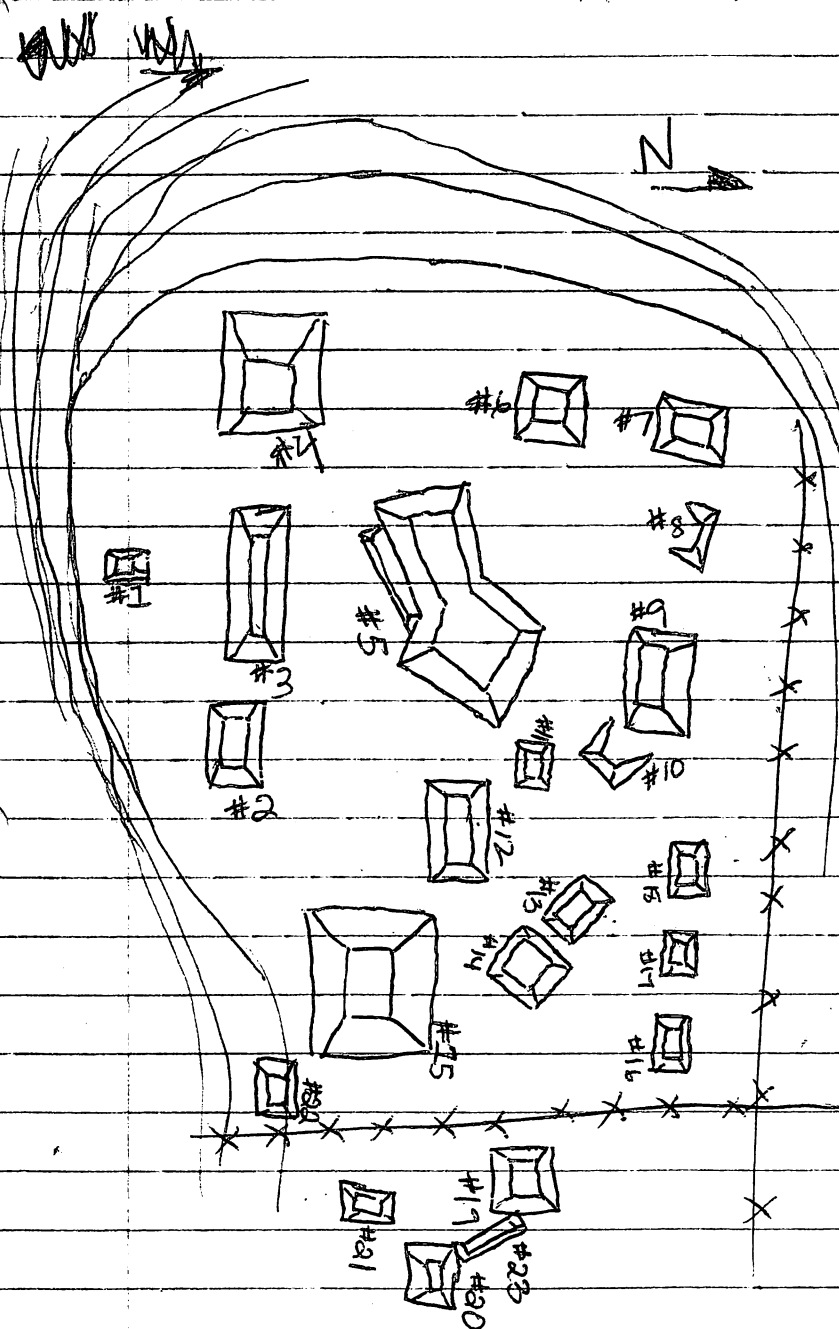
602A/001

Site is elevated on a  
promontory with deep  
ravines on the north,  
south and west sides.

Some structure damage  
from cattle, fence, and  
erosion - no ~~le~~ looting.

GPS: 3 675 63

16 925 88



pp. 101

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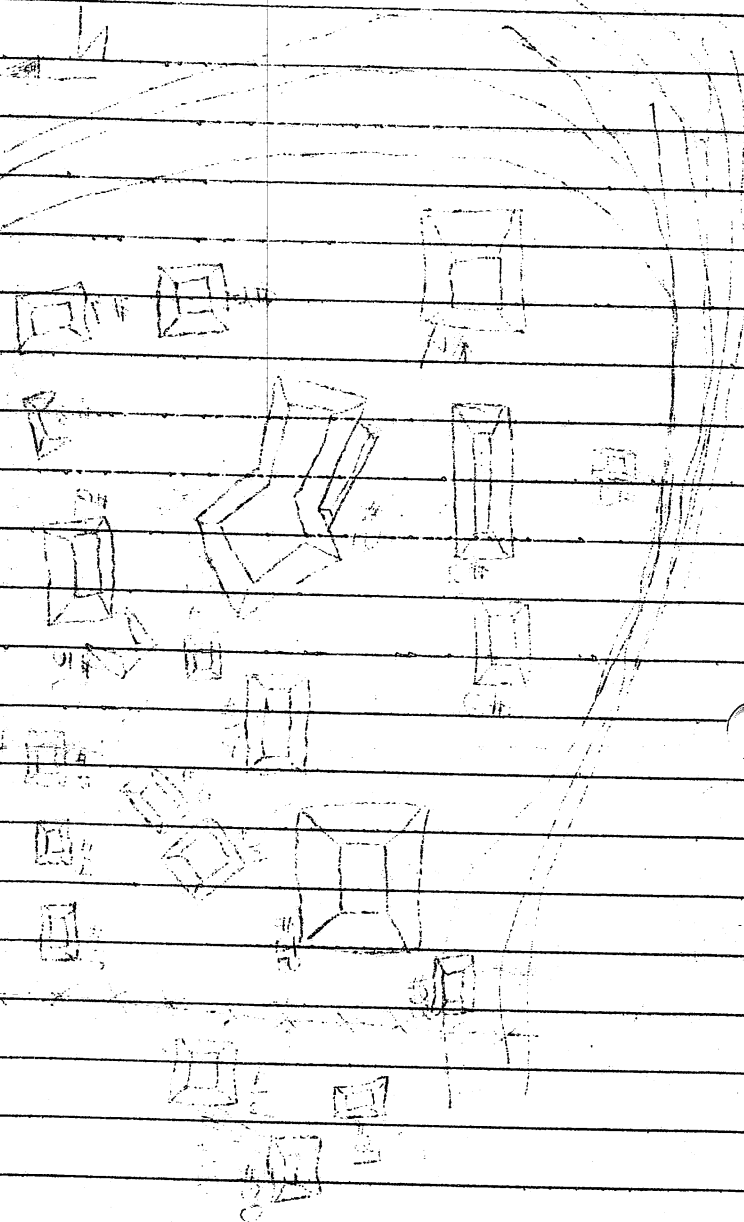
1000 1000 1000

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09-2-34

PVN 602

7/27/99

STR	ANGLE	DIST
STR #2 NE corner 1	174 degrees	12.20m
NW corner 2	195 degrees	11.60m
SE corner 3	185 degrees	20.80m
STR #3 NE corner 4	232 degrees	7.6m
NW corner 5	260 degrees	18.7m
SE corner 6	214 degrees	14.70m
STR #5 SW corner of		
SW projection 7	275 degrees	19.50m
SE corner of SW projection 8	300 degrees	12.60
SE corner-main plat. 9	320 degrees	8.50m
NE corner-main 10	342 degrees	18.90m
STR #12 SW corner 11	350 degrees	16.0m
SE corner 12	13 degrees	18.0m
NE corner 13	9 degrees	25.5m
STR #15 NW corner 14		
SW corner 15	29 degrees	19.70m
SE corner 16	74 degrees	7.80m
	831 degrees	17.80m
STR #22 NW corner 17	96 degrees	15.2m
SW corner 18	112 degrees	15.7m
NE corner 19	95 degrees	20.7m
STR #21 NW corner 20	93 degrees	24.0m
SW corner 21	101 degrees	25.1m
SE corner 22	99 degrees	30.6m
STATION 1 TO STATION 2 23	95 degrees	21.7
STR #20 SW corner 1	65 degrees	11.70m
SE corner 2	74 degrees	17.1m
NW corner 3	47 degrees	15.8m
STR #23 connecting fence	50 degrees	18.0m
STR #19 SE corner (and where it connects) 4	33 degrees	18.7m
NE corner 5	26 degrees	24.7m
SW corner 6	14 degrees	16.7m
Station 2 to Station 3 7	355 degrees	29.2m
STR #14 NE corner, approx. 1	214 degrees	6.40m
SE corner 2	211 degrees	9.40m
NW corner 3	259 degrees	7.9m
STR #13 SE corner 4	266 degrees	7.6m
SW corner 5	259 degree	10.7m
NW corner 6	274 degrees	13.7m
STR #16 SE corner 7	1 degree	7.40m
NE corner 8	8 degrees	12.20m
NW corner 9	334 degrees	14.20m



STR	ANGLE	PIST
STR#17 SE corner 10 SW corner 11 NE corner 12	309 301 315	16.5m 20.9m 19.20m
STR#18 NW corner 13 NE corner 14 SE corner 15	304 308 299	29.8m 26.0m 23.9m
Station 3 to Station 4 16 STR#10 also SE corner SW corner 1 NW corner ALSO SE str 9 2 NE str 9 3 NW str 9 4	276 degrees 258 degrees 295 degrees 330 degrees 308	27.5m 3.3m 4.5m 9.2m 10.4m
SE str 8 5 SW str 8 6 NE str 8 7	255 255 269	12.1m 15m 13.2
NE str 7 8 NW str 7 9 SE str 7 10	276 275 267	22.8 28.2 23.9
NE str 6 11 NW str 6 12 SE str 6 13	243 252 231	18.0 23.8 23.65
(approx) NW str 11 14 NE str 11 15 SE str 11 16	227 224 170	5.7 2.6 5.9
STA 4 to STA 5 17	223	27.6m
From STA 9 NW str 4 1 SE str 4 2 NW str 4 3	185 178 223°	7.3m 16.6m 11.3m
From SW corner 3 NW str 1 4 SW str 1 5 NE str 1 6	199 201 179	10.85 16.5 12.25