

JFD

III
a+b

MERS-
KAL
BAM.

III

Bambarla
Front page &
p. 99ff.

Tr. 4 p. 157, 159
Tr. 5 p. 121, 131, 143
Tr. 6 not mentioned

PART B

MARCH 1, 1937 TO March 24 1937

BAMBOULA

LOT NO 270

photos Balm. 1-3 of part of lot 270 to
be covered by trenches 1 & 2

March 1

not continued on
sheet LVIII: 5

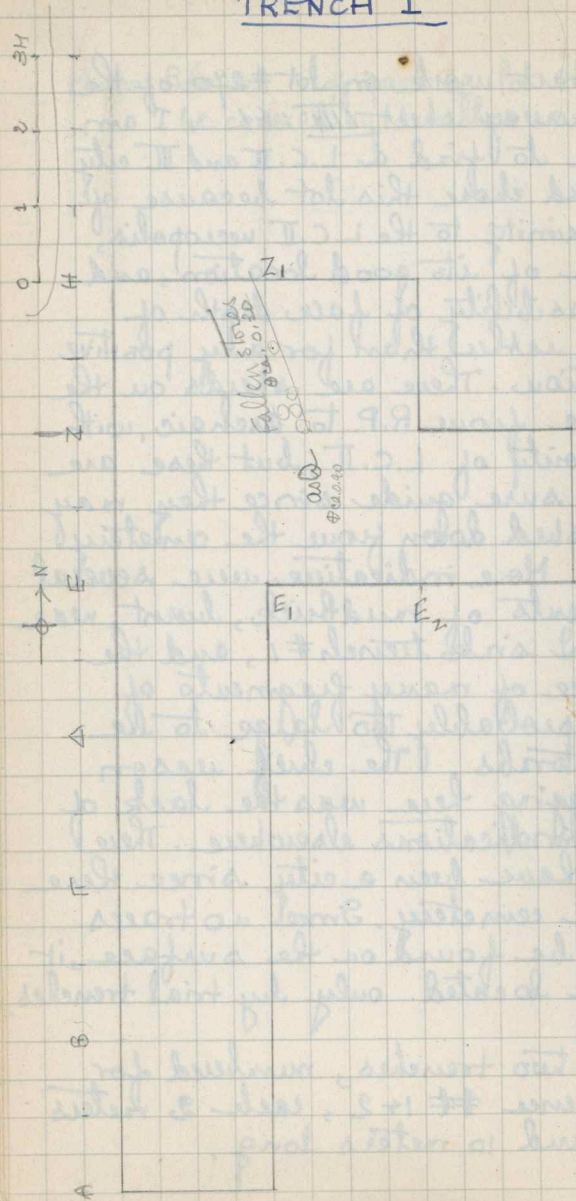
Start work on lot #270 of the
Land Survey sheet LIII: 61. I am
hoping to find a L.C. II and III city
site, and chose this lot because of
its proximity to the L.C. II necropolis,
because of its good location, and
the possibility of fair depth of
earth, rather than for any positive
indication. There are sherds on the
surface from R.P. to archaic, with
a majority of L.C. II, but these are
not a sure guide since they may
be washed down from the cemetery
above. More indicative were several
fragments of mudbrick, burnt, near
where I sink trench #1, and the
presence of many fragments of
pithoi, probably too large to be
from tombs. The chief reason
for digging here was the lack of
better indications elsewhere. There
must have been a city since there
was a cemetery. Since no traces
are to be found on the surface, it
can be located only by trial trenches.

Sink two trenches, numbered for
convenience #1 & 2, each 2 meters
wide and 10 meters long.

1-3-37, cont'd.

TRENCH I

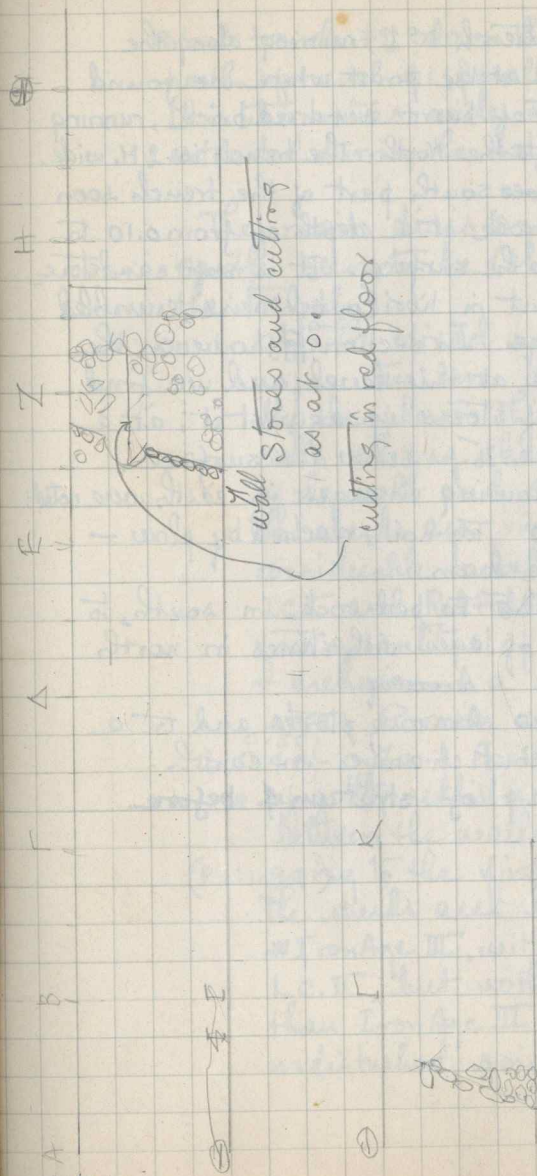
(102)



To p. 104

TRENCH II

(103)



1-3-57, contd.
from p. 102

TRENCH
~~104~~ NO 1

(104)

Start trench No 1, running along the hill. Begin at the point where we found fragments of burnt sun-dried brick, running 10 meters to the North. The trench is 2 M. wide.

In the ~~was~~ south part of the trench soon find bed rock at a depth of from 0.10 to 0.20 below the surface. It is soft sandstone, running out in horizontal veins, crumbled at the edge. In section H, however, the rock stops at this level, and we find a mass of stones up against it, at a level of ca. 25' below the surface.

The following changes in earth were noted:

1. 0-0.20 Top-soil, reached by plow - dark loam.
2. 0.20 - 0.25 To bed-rock in south, to top of layer with stones in north
3. 0.20 - 0.40 Among stones and to a distinct change in earth.

Photo Bam. 4 of stratum 4 before cutting

(to p. 109)

1-3-57, contd.
from p. 103

TRENCH NO 2

(105)

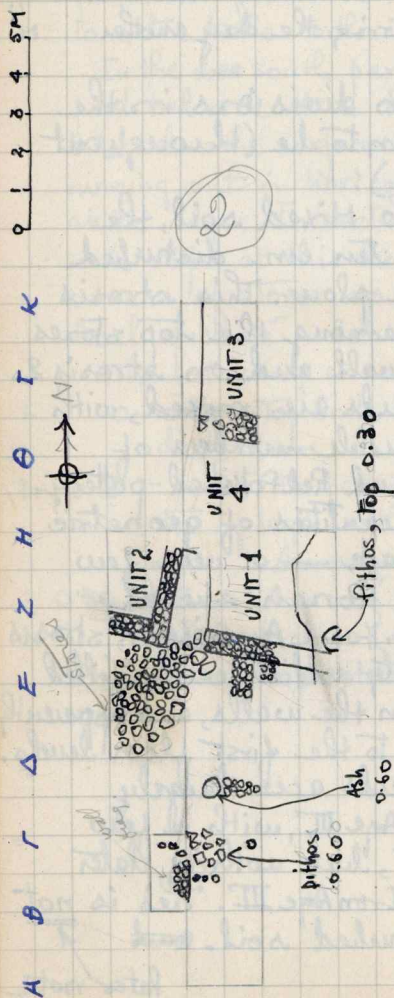
Start trench #2 down the hill and north of trench #1, parallel to it. It is two meters wide and 10 M. long, extended during the day another M.

The main divisions in the earth seem to be (throughout the trench):

1. 0-0.40 Mixed soil, the upper ten cm. disturbed by the plow. This stratis ends among the top stones of the wall and on stratis 2. The sherds are mixed, with considerable numbers of L.C.II and Red Polished pottery, fair quantities of geometric & archaic - a very few stray Roman sherds.
2. 0.40-0.70 - A uniform stratis of gritty reddish earth, filled between the walls, and apparently going to the first floor levels. The sherds are largely Iron Age III, with a few L.C.II, but nothing later than Iron Age III. This is not undisturbed soil.

later note

TRENCHES 2 AND 3



2.3.37

TRENCH 2

In E-Z find the wall north of it many stores, probably fallen from the wall, at a depth of 0.35-0.40. ~~Some~~ They are mixed with white clay such as that facing the wall in E. Photo Bam 56 of stores in E-Z. (see p. 108) ~~Remove the~~

Extend trench #2 by two sections 2x4 meters, one E, one W, at sections E-Z. In tr. 2, West, find wall tops and change to red-brown earth at 0.25-0.40.

Trench 2 East, ~~so~~ top (mixed) soil ends at 0.15; geometric begins directly below.

A workman's foot goes through a pithos, standing complete and empty in Tr. 2, East ext. The top was only 0.20 below the surface.

In Unit 2 find the floor—smoothed red rock at 0.60. Ten centimeters above there had been a change in the earth.

Unit 1, against W wall, just above level of white floor, but to south of it: coins, ~~like~~ bronze object p. 110, #1

(To p. 112)



Photo Bam. 6
2-3-37, to p. 107

(108)

Original Trench 2,
showing 9.35
floor and part
of west wall (xx)
of 2:1, the first
remains found
on the Bamboula.

2-3-37

TRENCH 1

(109)

Remove ^{some of} the fallen stones north of the
wall, but fail to reveal a good
wall face. Feel our way slowly
all day with only one pick man.
I feel certain that we are dealing
with debris from a wall, but we
did not succeed during the day in
establishing where the wall is.

The fallen stones lie on a pebbly
stratum, following roughly the slope
of the hill, 0.50 below the surface.

(to JFD, IX, p. 71)

SMALL FINDS

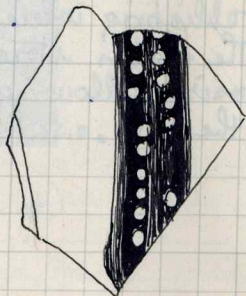
(140)

2.3.37 1. Coin, bronze, tr. 2, unit 1, against
C1020 W. wall. (see p. 107) Salamis, Demetrios Poliorketes

3.3.37 2. Bronze ring - coil. Tr. 3 A, 0.80 (see
M14 p. 111)

4.3.37 3. LH ^{IIa} E sherd of very fine fabric -
Sh 75 applied white. Tr. 4 Z 0.40
Sherd temper.

Apparently
from an
octopus pot:
2 rows of dots,
one largely
gone.



8.3.37

4. R.F. sherd — Tr. 4, ^{surface} intrusion $\frac{1}{2}$,
ca. 9.10

9.3.37

F41

5. Figurine
Tr. 4, Unit 2, between
9.10-9.38 and 9.22-9.40 floors.
see p. 129

2.3.37

TRENCH 3

(111)

Start trench #3, at right angles
to trench #2, starting 6 meters to
the east opposite square Δ . The
trench is 2 M. wide, and is
extended during the day to a length
of 10 M.

Stores:

1. 0-0.20 Top soil, as in tr. 2
2. 0.20-0.60 Red strassis, as in
Tr. 2. Many L.C. II & LHIII sherds.

3.3.37

Sect. A: at 0.60 there begins a
strassis with much clay, chiefly
burnt. There is a slight levelling off
at 0.40, probably fortuitous.

At 0.80 is a good floor, running
in section B over bed-rock, but
filled out to sun level where the
rock scoops. At the east in B
are numerous stones, probably from
a wall.

There are many sherds lying on
the 0.80 floor.

In the earth just above the
floor find the ring, p. 110, #2.

In sections H and $\odot$ find many
stones, almost certainly a wall. There
is a marked change here. Above the
wall (i.e. west of it) we find archaic
earth 20 cm. down, as elsewhere in
(to p. 115)

2.3.34, cont'd.

From p. 104

TRENCH 2

Find a change of earth at ca. 60 cm. below the surface, in squares A-Δ. Though not very firm this must be an ancient level. In A it runs out onto the bed rock, but it has been levelled by ~~putting~~ bringing in earth.

In square B we find the fragments of a pithos lying, apparently in situ, on the 0.60 level. Numerous stones around the sherds: two groups, W. + N., may be the tops of lower walls.

In square Γ is a patch of ash, also on this floor, and just north of it is burnt earth.

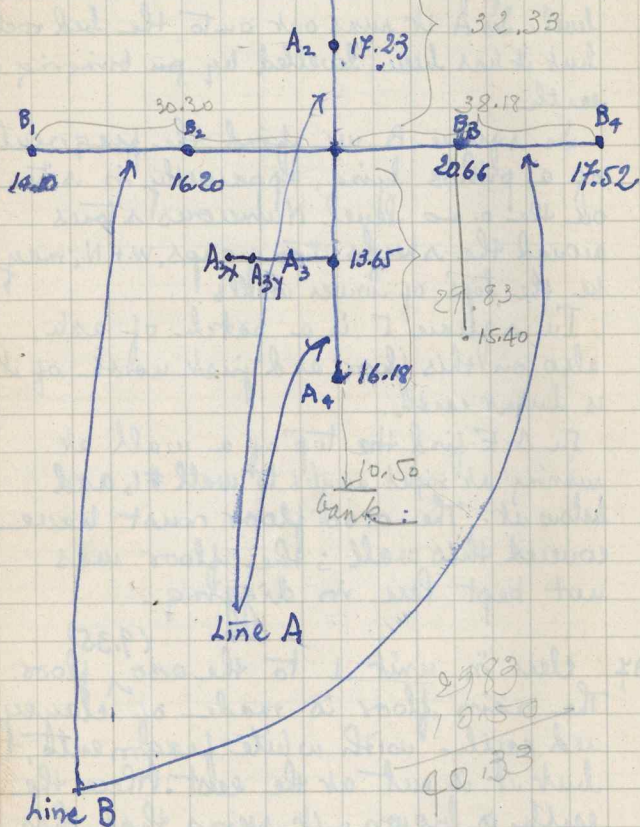
In Δ-E find the top of a wall at running at right angles to wall #1, and below it. The 0.60 floor must have covered this wall; the floor was not kept level in digging.

(9.35)
2.3.34 clear in unit 1 to the 0.60 floor. The main floor is made of clayey red earth with white fragments, but it is cut at the east. There the earth is brown; it seems that this cutting has something to do with the pithos, for which no separate Baugrab has yet been discovered. This cutting seems to cut across wall #1, visible here only by the
(to p. 117)

TR 2
0
1
2
3M

Magn. N-50°30' left of line B-9
Survey of Lot 240 (114)

Central pole established just south
of trench #4. A₁ 15.10



see also p. 152
IV: 80
IV: 140

3-3-37

could from p. 111

TRENCH 3

(115)

the settlement, red-brown in colour. But below the wall the earth goes down uniformly black, lightening only very gradually. We change shovels at 0.80, but only so far to see if there is any difference at a lower depth: there is no change of strata.

Leave the upper part of trench 3 until more of the site has been investigated.

4-3-37

Continue digging in the lower part of the trench, where the black soil continues, with an admixture of Roman shreds + glass. Stop work at 2:00 because of rain.

5-3-37

Discontinue digging in the lower part of the trench, to be continued later when work slows up. Reach a depth of , without any apparent change of earth or pottery.

In sections A-Γ find many stones at a depth of . In B-Γ North find a floor with considerable crushed stone, at . This floor seems to run among some of the stones. A pit (or spot) of lighter earth is tentatively called intrusion #1. Find

(to p. 123)

Levels

(116)
Absolute

Central post	1.33	
A2 from center		
B1	1.06 + 0.27	
B2	1.16 + 0.17	7.63
B3	1.47 + 0.37	8.15
B4	2.18 + 0.85	8.63
A3	2.69 - 1.36	9.14
A4	4.23 - 1.89	9.67
Bottom of lot	4.26 - 2.03	9.81
130 A1 to center	5 - 3.54	4.84 7.78
" " A2	5 - 2.85	4.55 6.09
" " B1	- 3.22	4.52 8
End of lot above A1		3.62 3.34
A1 from George's Anvil		4.52 4.24
Center of George's threshing floor		0
		28 Top

Slope ca 26°

3-3-37

TRENCH 2

(117)

cont'd from p. 116

white clay at the 0.60 floor level
Finish cleaning the mass of
stores in Tr. 2 West, outside of
unit #2. No wall line is evident.
The highest of these stores are
0.20 below the surface.

Photo Bam. 7 of central part of trench,
cleared to 0.60 level in unit 1.

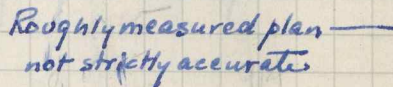
Leave trench 2 as it is until
some more areas have been
investigated and we decide whether
or not to clean trenches 2+3 as
a single area.

13-3-37

Recommence work in trench 2,
by extending the east extension
north and south.

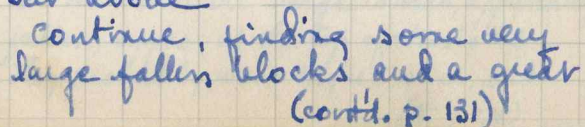
We isolate two surface
intrusions which were missed
when the trench was first dug.
They do not go far.

(to p. 139)



In the upper (west) extension find a floor at . This leads up, in the lower square to an undefined square mass of white matter, with clay up against it. from surface. To the (to p. 123 below)

121



Measurements — letters as on p. 120 (122)

✓ m	to	B ₃ 14.65	A ₃ 10.20
		Ba ₃ 13.32	
✓ n	to	B ₃ 13.90	A ₃ 11.20
		Ba ₃ 12.05	
✓ o	to	B ₃ 15.87	A ₃ 10.27
		Ba ₃ 11.55	
✓ p	to	B ₃ 13.90	A ₃ 11.55
		Ba ₃ 11.08	
✓ q	to	B ₃ 14.95	A ₃ 9.88
		Ba ₃ 14.75	
✓ r	to	B ₃ 14.23	A ₃ 10.42
		Ba ₃ 14.18	
✓ s	to	B ₃ 14.72	A ₃ 10.05
		Ba ₃ 13.93	
✓ t	to	B ₃ 15.28	A ₃ 9.50
		Ba ₃ 13.90	
✓ u		B ₃ 14.45	A ₃ 11.30
		Ba ₃ 10.80	

5-3-37, cont'd

from p. 115

(see also p. 119) what may be two post supports in this section.

In the south part of the trench in A-B find a good floor with a great deal of sand and gravel. This goes to red clay north and east; this must be part of walls or wall debris.

could from p. 119

east is red clay, which ends in a very even line: it may be a wall.

6-3-37

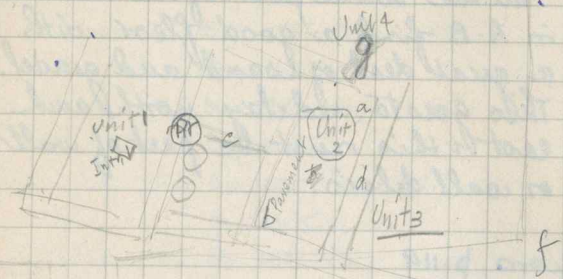
Extend the central part of the trench another two meters to the N.W.

Observe the following stratification, as in the entire trench:

1. 0-^{0.20}_{0.20} Top soil: black plowed earth
2. ^{0.20}_{0.20} - 0.45 Fairly loose red-brown earth, probably the same as stratis no. 1, but not plowed
3. 0.45-^{0.80}_{0.55} Apparently debris of mud walls and roofs. Clayey. Mostly red. Many chabara particles.

In the N.W. corner large stones, apparently fallen, appear at the top of stratis #2. They probably went higher once, but (to p. 125)

Unit 3



136

		absolute	
a	144	9.32	
d	132	9.10	
b	162	9.40	
c	155	9.33	
g	139	9.17	
e	0.6	8.46	
f	135	9.13	
Pit. bottom	165	9.43	
Intr. 1	"	164	9.42
" 2	"	135	9.13

124. 6-3-37, cont'd

TRENCH 4

125

from p. 123 anything about strosis 2 would have been hit in plowing, and removed. We found a large river stone ca. 1.00 x 0.40 x 0.40 on the surface at this point. It may well belong to this mass.

Strosis #3 covers the wall #1 (p. 118), and also two pithoi found just east of the wall.

The one pithos is broken above strosis #3. The diameter as at the top of strosis #3 is about 0.50.

The other is a roughly made stone jar, 0.60 in diameter, with the walls 0.05 thick. There is no sign of a "Baugrab" in stratum #3.

8-3-37

Photos Bam. 8-9 of Tr. 4, to 3' N. extension, cleared to 8.80 = 9.55 level (strosis 3)

Clear in unit #1, finding the wall between it and unit 3. The fill is of red clayish material with particles of limestone, doubtless wall or roof tumble.

Isolate intrusion #2, starting from in the S.W. corner of the trench. This seems to be a pit sunk from near the present surface of the land. It stops at 9.13. Clear out intrusion #1. It stops at 9.42.

Dig out a pit just west of the

Unit 3

2.42

192

(121)

8.3.33

cont.

TRENCH 4

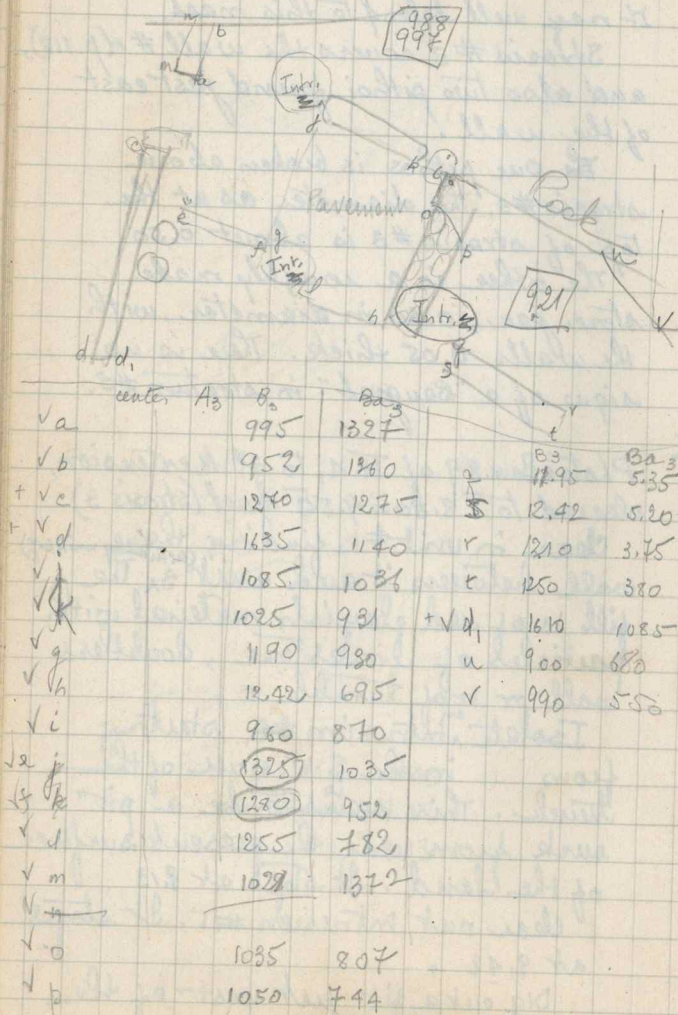
(122)

stone pillars. This too is an intrusion from the present surface, and destroyed the wall between units 1+6. Stops at 9.43

9.3.34

Clear in units 2, 3, + 4. In unit 2 the stones of the tumble stop at a floor at 9.10 = 9.38, composed of brown sandy earth. This is just over a first floor of a ^{xapapa} composition, which slopes up to a few traces of walls. Clear the 9.10 = 9.38 floor. It runs to the wall j-k (page 126) and to the north wall of unit 2. It is destroyed by a modern intrusion in the S-E corner and is lost in the south.

Remove the 9.10 = 9.38 floor and clear the xapapa floor beneath it (9.22 = 9.40). This floor too is ~~mostly~~ destroyed by the intrusion. It ends on the south in a fairly straight line, but no trace of a wall is preserved. Of the east wall a trace is preserved in the N-E corner, the xapapa sloping up to it. The north wall is fairly well preserved: only at the upper end the stones are gone, but the corner is indicated by the end of the floor and the cutting for the wall in the bed-rock above. On the west the xapapa floor can be traced ^{cm. under wall j-k (p. 126).} Thus wall j-k goes with the 9.10 = 9.38



(128)

9-3-37, cont'd.

TRENCH 4

(129)

floor, but is later than the Xapapa floor.

Figure, see p. 110

Clear in Unit 4, removing the copious fallen stones carefully, but finding the earth badly disturbed, both by the shock of the fall and by surface intrusions. Isolate a piece of wall (am-bn on p. 126)

In unit 3 begin to find a floor of red sandy earth. Extend the trench so as to clear the whole floor together. Here too there is a big modern intrusion, taking a piece out of the wall between units 2+3 and the east wall of unit 3.

These intrusions look to me like places where the villagers have dug in the hope of finding tombs.

Find a mortar on the 9.22 = 9.40 floor in unit 2: its top was flush with the 9.10 = 9.38 floor.

The xapapa ^{so} slopes up on the walls as to indicate that it covered them.

(to p. 133)

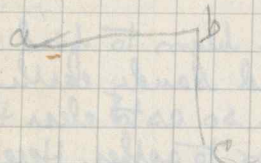
Measurements

Center	A ₃	B ₃	Ba ₃
a	15.56	9.78	16.41
b	12.92	12.00	12.82

SURVEY POSTS

B₃a (new) from B₃ 8.43

B₃b " " 17.95



	B ₃	Ba ₃
a	784	788
b	672	556
c	879	506

(130)

9-3-37, cont'd.
from p. 121

TRENCH 5

(131)

mass of smaller stones, resting on a clearer level at
clean these carefully, and on ascertaining that they do not form part of a wall but merely tumble, dig through them.

10-3-37

An uneven row of big stones is only tumble, but a little on above we at last find the wall we are looking for. It is very solid, built of rubble of uncut stones of fair size. Only the lower ^{outer} face of the wall is regular. The back, obviously not intended to be seen, is filled with bright red-brown fill, doubtless ancient. Continue up the hill to find if this joins the bed rock or if there is another face to the wall.

12-3-37

The red fill goes to the bed rock, which runs in an E-W direction here. We clear to the south, and soon find where the wall stops before the rock. Clear in front.

(to p. 143)

(125)

Pit in Trench

Surf. 148 2.03

249

301

9.82

(132)

A3 9.14

779

9.01

1.35

7.79

1.48

9.27

surface 9.27

strat. 10.28

approx. 10.80

end of trench 9.82

10.28

779

1.02

UNIT

8.88

8.97

2nd layer 10.50

3d " 10.65

rock 10.80

pit in " dug to 10.95

1/8

Lower Upper

N a 084 3.50

S b 290 2.27

B3

B3g

A3

center

S a 11.40 570 15.40

N b 11.75 763 (20.50)

B3

B3g

A3

E 12.83 7.05 15.37

W 9.60 8.75 16.58

10.537

TRENCH 4

(125)

Continuing clearing unit 3 and the area west of it. West we find bed rock at a depth of only from the surface (absolute). There are some cuttings in it which may turn out to belong to missing foundations.

Clear the floor (9.21) of unit 3, finding a fair amount of pottery on it, several pieces nearly complete. We also find a broken mortar and a whet-stone.

The east wall, of rubble, is well preserved. On the west the room runs off onto the bed rock, where any walls were in reach of the flow and doubtless lost. The north wall is not yet in evidence.

Continue work in unit 4, removing fallen stones and finding some pots and a hanging lamp in situ. Work here is much confused by three messy surface intrusions.

Much of the day is spent clearing out the intrusions. Most are quite shallow, going about 20 cm. below the 1st floor.

12.3.37 Objects removed from 9.21 floor (134)

TRENCH 4, Unit no. 3

Photos A 10-11 (9.19=9.44) @ 9.21

P932 1. Jug - + incised on handle.

P935 2. Bowl, spiral at center, diam. 0.160
4. 0.060

3. Wide-mouthed jug { wheel turned but very coarse
and thick black cooking
pot. Not reconstructible but
existing fragments saved.

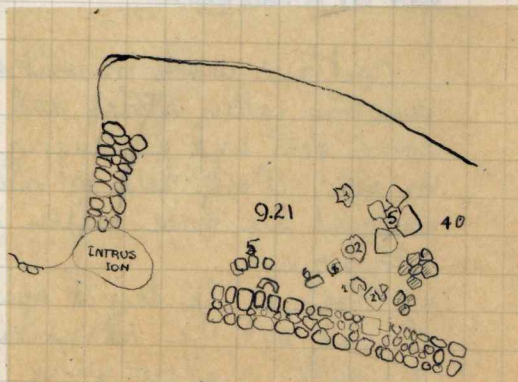
(St 34) 4. whetstone

5. Pithos, badly rotted { one half missing side
with fragments of
saddle-queens
6. Stone mortar, broken { several pithos hand-
made was found, all
discarded

(St 33)

12.3.37

S5 7. Cylinder seal - found on 9.21
floor in digging down to lower floor



TRENCH 4

(135)

11.3.37

Spend the day extending the trench to the N-E, digging out surface intrusions, and cleaning walls, particularly in unit 1.

The area of the trench is fairly littered with surface intrusions, obviously representing an intensive and ill advised search for tokens, a good many years ago. In many cases the pits are dug well into bed rock.

(actually 9.19=9.44)

12.3.37

Finish clearing unit 3 to the 9.21 level. The floor is of brown earth with a well trod sandy surface, fairly littered with fragments of a pithos and ordinary pottery.

Photos Bam. 10-11 of 9.21 floor with finds in situ.

Remove the finds from the 9.21 floor (see p. 134), and cut down through fairly clean brown earth to a floor of bluish composition at 9.30=9.44. This floor is quite uneven. It slopes up to the bed rock in the west.

(To p. 137)

13-3-37

Objects removed from
8.94 = 9.12 floor
Unit 4 (Tr. 4)

1. jug

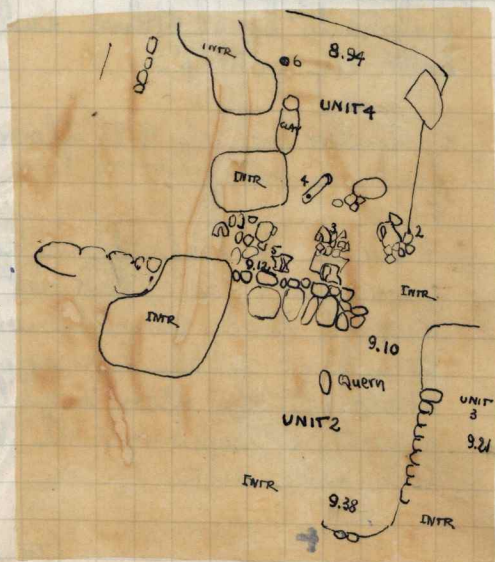
P437 2 jug

P436 2 w-m-jug or amph.

P435 4 hanging lamp

P431 5 w-m. amph. - stags on neck

(T) 6 Leor. weight



(136)

13-3-37, cont'd
from p. 135

TRENCH 4

(137)

Remove the tumble in unit 4,
and clear to the 8.94 = 9.12 floor, of
red-brown earth.

13-3-37

Photo Bam. 12, 13 of unit 4, cleared to 8.94 =
9.12 floor, showing pots in situ.

The floor is uneven and its ancient
limits are hard to trace, due in
part to the ancient destruction of
the building, but above all to
the modern intrusions. This floor
goes on the east to the wall between
units 2 and 4 going with the
9.10 = 9.38 floor in unit 2.

It seems probable that the
8.94 = 9.12 floor in unit 4, the 9.21
floor in unit 3, and the 9.10 = 9.38
floor in unit 2 are contemporary.

Remove the pots on the 8.94 = 9.12
floor in unit 4 (see p. 134)

In unit 3 dig through the 9.21
floor, removing some pithos and
other sherds. On the 9.21 floor
near pot #2, find the cylinders
real, p. 134, #7.

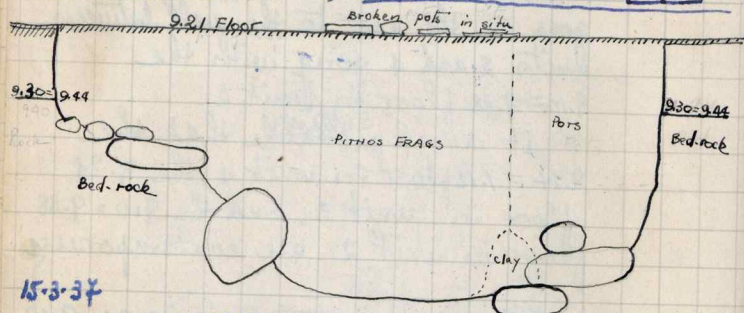
(to p. 145)

center 778
machine at 117

(661)

Unit 4	E	243	9.04
"	W	233	8.94
"	Stemwall	251	9.12
Unit 3 (9.21)	SW	258	9.19
"	NE	263	9.44
"	W	269	9.50
"	E	283	9.44
N-E	N	332	9.89
"	S	3108	9.69

Tr. 4 UNIT 3 Pit, not really an intrusion.
Intrusion #2 0 10 20cm.



15-3-37

OBJECTS IN INTRUSION #2

- S3 1. Seal (p. 144, #1)
P726 2. Bowl with base-ring and two small horiz. handles. Red bands. d. 1.0.06
P727 3. Bowl with curved sides + no base ring. Red bands inside. Very incomplete
P728 4. Frag. of bowl with flat base + sloping sides; red + black bands.

(to p. 154)

(138)

cont'd from
p. 117

TRENCH 2

(139)

15-3-37 Extend to the west by two sections adjacent to unit 2 and the tumble S.E. of it. Extend to the north and to the east.

16-3-37

The surface in trench 2 as cleared now is 8.18 at the S.W., 9.14 at the N.E.

The stratification in the trench is:
1. 8.18 } - 8.40 } Flowed earth
9.14 } 9.35

8.40 } - 8.63 } upper only - brown
8.935 } 8.935 } soil, fairly clean. To tops of walls and tumble; in unit 6 and 7 to bed-rock

17-3-37

In the N.E part of the trench clear to the 9.28 level. There are no walls, but the fragments of 2 pithos lie on this level in section B of the original trench 2.

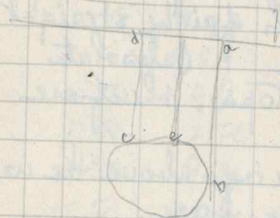
Dig below the 8.73 level in unit 3. Above the upper half the unit is filled with fallen stones. These end at 8.93, where cleaner brown earth begins, just covering the tops of broken pots in situ.

(to p. 151)

TRENCH 3

City Wall

	Top	3.30	11.09	12.57
East	bottom	4.79	12.58	11.09
	"bench"	4.30	12.09	1.49
	surface	294	10.73	
West	1st strata	38342	11.21	
	2nd "	357	11.36	
	3d "	[365]	11.43	
East	2nd strata	463	12.42	
	3d "	472	12.51	



	Ba	Ba
a	453	697
b	665	478
c	637	628
d	512	725
e	600	585

(42)

cont'd from

p. 131

15 to 17-3-37

TRENCH 5

(43)

Extend the area of trench 5 to the north, clearing to the top of the mass of stones which seem to be tumble, in front of the curtain wall.

The curtain wall has only one face, of good stones, built up against the soft bed-rock.

18-3-37

Isolate a second, lower wall, below the first. This is built of unshaped river stones, many of good size, and is more too regular. This too is a terrace wall, backed with loose yellow fill which goes well up on the upper wall. The lower must be the more recent of the two walls.

Photo Bam. 305

SMALL FINDS

(144)

15.3.37

T3 S3

17.3.37

M22

M35

18.3.37

M16

M31

19.3.37

(P730)

P980

St 30

20.3.37

S15

St 37

1. Terracotta stamp, with a phoenix ^{Tr.4}, Intrusion #2 (p.145)
see p. 138, #1

2. Bronze needle, with eye at end. Broken, but solid, Tr.3, ca. 2M above wall, ⊕ 11.36

3. Bronze ring — ends coiled about each other. Tr.3, 2m. above wall, ⊕ 11.36 see as #2

4. Lead object. Tr.2, east, 0.40 (9.55) Unit 9

5. Point of bronze needle. Tr.4, below intrusion ^{on Tr.4} in clear earth. ⊕ 9.59

6. Large pot, broken in situ on 8.95 = 9.05 floor in Trench 2, unit 5. 21 frags. PWM II jug. in base or neck. Some rimmed but shards kept

7. Bowl with flat base. Wh. P.; spiral. with #6+8

8. Grinder, of river stone. With #6+7

9. Loom-weight, in tumble over 10.00 = 10.02 floor, Tr.4, unit 9; with oat.

10. Grinder — on 9.23 = 9.27 floor in unit 1. (Tr.4)

15.3.37

TRENCH 4 (from p.137)

(145)

Remove the 8.94 = 9.12 floor in unit 4. Reach bed-rock at 9.09 = 9.22, smoothed and used as a floor. Here too we find some pottery in situ.

In Unit 3 clear to the 9.30 = 9.44 floor. It is composed of chavara, and is uneven and worn. Just west of intrusion #2 (see below) it slopes up slightly to a strip of bed-rock, which was showing, and so utilized as floor.

Isolate intrusion #2, in unit 3. It starts from the 9.21 floor, where the sherds of pithos #5 were. It must have been dug to accommodate the pithos.

About 30 cm. down in the intrusion find the terracotta stamp (seal), p. 144, #1.

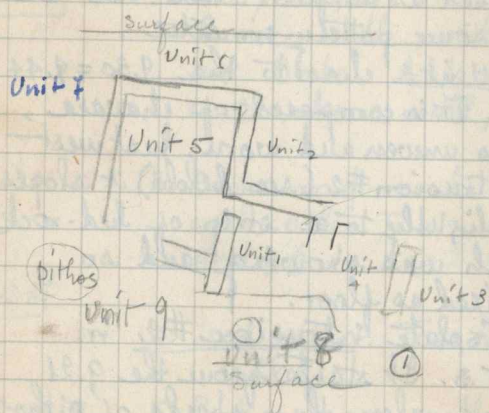
Clear the north-east extension of the trench to a solid layer of brown earth at 9.62 = 9.79. This must be an occupation level in spite of the lack of walls. Perhaps it is outside the house. F

Unit 5: find traces of fire in the south corner, probably from a bonfire. In the corner are fragments of a pithos. (to p. 147)

TRENCH 2

(146)

278



2nd strata

3	Unit 2	0.98.69	4	Unit 2, rock	1.07	8.88
4	"	5	0.98.73	Unit 5, lower	1.26	9.04
5	"	6	0.88.68			

5	Unit 1, white floor	1.56	9.34
	pithos on floor, south	1.50	9.28
①		1.72	9.50
	surface lower	1.26	9.14
	" upper	0.40	8.18

TRENCH 4

(147)

(UNITS)

15-3-37, cont'd
from p. 145

The north wall of the unit has been displaced by surface intrusions, which also damaged the south wall. At the east no wall appears at this level. Perhaps it was open and the unit was used at this latest period for cooking, etc., the ruined walls of an earlier period covered with a lean-to roof. A group of stones in the center may be a base for a post.

16-3-37

Continue Finish clearing the rock floor in Unit 4. At the south a ^{flat} round grind-stone and frags. of a pot are found on the floor, but the surface intrusions have so disturbed the area that it is not certain that this belongs to unit 4.

Clear intrusion #2 in unit 3. It is a shaft going to ⊕, ca. 1.20 x 1.50, cut into the bed-rock. The inside is shaped with stones + clay. A pithos must have stood in the center, probably #5 of (to p. 149)

TRENCH 4

914
133
781

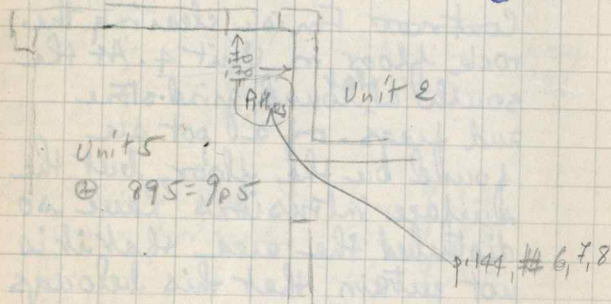
(148)

Unit 1	upper	142	9.23
	lower	166	9.44
Unit 6		156	9.34
Unit 7		171	9.53
Unit 8	upper	161	9.42
	lower	174	9.55
Unit 6, Intr. bottom		178	9.59

TRENCH 2

Unit 5	West	8.95	East	9.05
Unit 7	lower	8.860	upper	9.015

120



TRENCH 4

(149)

16.3.37, cont'd.
from p. 148

the 9.21 floor. Many fragments, completely rotted, were found. In the S-E corner were many fragments of smaller pots, the largest clearly in situ on the rock at the bottom.

Photo ^{Bam 14} of intrusion #2 with center cleared.

Photos ^{Bam 16-17} of intrusion #2, before removing pots in S-E corner.

Photo Bam of unit 5 at 9.62 = 9.79

Start cutting through the 9.62 = 9.79 layer in Unit 5 and the S.E. extension. Find a few traces of a xasapa floor in the north corner at 9.

17-3-37

Continue clearing in the S-E extension (unit 8)

Start cutting through the 8.95 = 9.35 floor in unit 1. The earth is very hard and clayey. Find a solid sandy floor, with numerous bits of burnt material at 9.23/9.44.

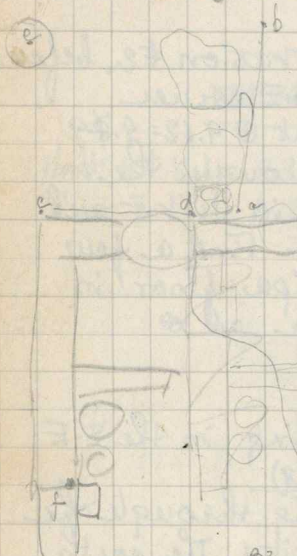
The group of stores (post?) at 9.01 stop at the 9.35 floor, but the group at 9.08 goes to this. The line of stores at 9.08 by the 9.01 post stop at the 9.35 floor (to p. 153)

20.3.37
Trench Unit 9
Photo B.11

B3 B3b A3 (150)
15.66 12.72 10.12

Trench Unit 7 @ 9.52

Photo B.12



	B3	B3b
a	10.07	12.42
b	7.60	14.90
c	12.15	14.92
d	10.46	12.90
e	11.43	16.15
f	15.01	12.40
g	15.77	5.09

	B3	
a	9.48	9.26
b	9.88	9.17

g

19.3.37

TRENCH 2

(151)

(from p. 141)

Photos B.9-12 of unit 5 at
@ 8.95 = 9.05

Finish clearing unit 5 to the 8.95 = 9.05 level. This is a floor of stamped brown earth, moderately firm. In the west corner are a grinder of river-stone and fragments of one large and one medium-sized pot (pithos [?]) [Nos. 6-8, p. 144]. There lie on and about a rectangle formed of the wall to unit 2, a large block of stone to the East, and clay on the two other sides.

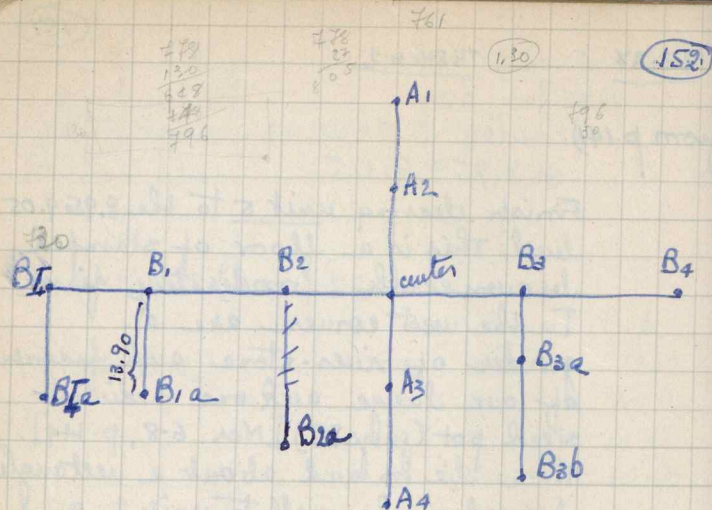
Photos B.12-22 of unit 5 at 8.95 = 9.05 (see p. 164)

Clear unit 7 to a level 8.86 = 9.01, sloping up to rock at the top, and ~~idea~~ joining the floor on which the pithos was found in the original trench 2 (@ 9.28). Just below (i.e. E.g.) the pithos the floor is cut by intrusions.

20.3.37

Start digging through the 8.95 = 9.05 level in unit 5, and find a better floor, also of earth, at (8.94) = 9.35. This slopes down to the wall between units 5 and 9. A break in

(to p. 165)



P934
F34

Unit 9 (near east wall of unit 7) @ 9.50

TRENCH 4

17 to 20.3.37

In Unit 9, find a change of earth (sandy brown) at $9.58 = 9.9\%$ in the north. This seems not to be a floor, for while the layer continues in the south, the stores and a large vat-like pithos do not stop at it. Change sheels and continue on dough.

see p for a pot found at cp. 9.50
in unit 8 find a level
with much carbonized matter and
very red (burnt) earth at 9.42 = 9.55.

Dig in units 6 & 7, clarifying the wall between them, and finding floors of stamped earth at 9.3 ft in unit 6 and 9.52 in unit 7.
Photo Bm 24 of unit 7 at 9.52. (p. 15-)

TRENCH 4, UNIT 9
10.00 = 10.02 Floor

SMALL FINDS

22-3-37 ^{0/1/4} S61. Cylinder seal (in tumble over floor;
see p. 155)

15-3-37
from p. 138

TRENCH 4:3, INTRUSION #2
FINDS, cont'd.

P 29 5. Wide-mouthed amphora, the two
handles close together.

(154)

20-3-37, cont'd
from p. 153

TRENCH 4

(155)

Photostation 23 of unit-9, at ca. 9.50 = 9.90,
showing top of pithos in situ.

22-3-37

Dig down in unit 9, through
reddish tumble with some small
stones. For 3 or 4 centimeters above
the floor there is a layer of
particularly clayey earth, darkless
fallen from roof or walls. This
covers the east wall of the unit,
found today.

tumble

Find a good floor of stamped
earth at 9.89-9.97. There is a great
deal of pottery on it.

Find a cylinder seal on the
floor (p. 154, #1) - actually just
below the 9.89-9.97 floor.

23-3-37

clear east wall of unit 9.

Dig through 9.23-9.47 level in
unit 1, and find a floor of
red-brown earth, much redder than
that above it, at 9.40 = 9.53. At
the east it runs up on gritty packed
earth ^{with crushed stone} which covers cuttings in
the bed-rock (@ 9.03). To the south
and east it runs to a poor row
(to p. 161)

Photo C

West?

23.3.37

S4

9/4/37

SMALL FINDS

(St 36)

(St 31)

24.3.37

St 48

F 38

(St 29)

F 40

1. Carnelian bead, broken. Tr. 4, Unit 1
on 9.40-9.53 floor

2. Bottom part of jug (?) Tr. 4, Unit 4
on 9.52 floor. (p. 160, plan, #1)
Taken as shreds

3. Part of flat circular stone - pithos-cover (?)
Find place as no. 2

4. Grinder: Tr. 4, Unit (4), on 9.02-9.22 floor
p. 160, #2 (on plan)

5. Frag. of pot: Tr. 4, Unit (4), on 9.09-9.22 floor
p. 160, #1 (on plan)

6. Bronze coin. Tr. 7 outside, Ptolemaic

7. Female lead, marble. Trench 7, outside
circuit wall. ca. 0.30 in top-soil.

8. Broken figurine - female, with
pellet breast, "necklace", and braids.
Unit 9 (Tr. 2), 9.70, in disturbed
earth. Traces of black paint

9. Saddle quern. Tr. 4, unit 10, surface
intrusion

10. Female fig. Solid; moulded. Necklace.
Head to bosom. Tr. 7, outside circuit
wall. Top-soil

(158)

19.3.37

TRENCH 7

(157)

Start trench 7, between trenches
5 and 3, hoping to find the city
wall. Soon find two large plat-
forms, ~~the~~ built of loose stones
with a face of larger ones. The
two platforms are adjacent, the
upper higher than the lower.

A stratum of fairly solid earth
goes to not far from the top of
the lower terrace. The upper
terrace rests on this stratum,
reaching bed-rock at the top only.

Both terraces are covered by
a uniform layer of rather hard
black earth with some small
stones. This is probably fortuitous,
not built. There are early Roman
sherds in it.

22.3.37

Extend the trench downhill, and
soon find the outside wall, as
in trench 3. Here too there is
Roman fill outside the wall,
black and nearly black earth
continuing on down.

23.3.37

Dig inside the circuit wall, hoping
to find an inner face. At below
the surface (absolute) starts
a fill of yellowish earth, relatively
(to p. 159)

TRENCH 2

274
1.33

6.45

3	Unit 5	W	2.49	8.94
		E	2.90	9.35
1	Unit 9	W	3.03	9.48
		E	3.54	9.99
2	Unit 8	W	3.18	9.63
		E	3.44	9.89
	Unit 7	W	2.32	8.77
		E	2.84	9.29
	Unit 2	W	2.53	8.98
		E	2.76	9.21
	post		2.54	8.99
	B ₂		1.17	7.62
	B ₁		1.03	7.48
	B _I		0.69	7.14
	B _{1a}		2.78	9.23
	B _{1a}		3.40	9.85

TRENCH 4

Unit 1	W	2.95	9.40
	E	3.08	9.53
Rock above unit 1		2.58	9.03
Unit 9	W	3.44	9.89
	E	3.52	9.94
Unit 5	W	3.21	9.66
	E	3.34	9.83
Unit 10		3.58	10.03
Surface by unit 10		2.96	9.41
Unit 7		3.17	9.62

23-3-37, cont'd
from p. 157

TRENCH 7

(159)

free of stones and with very few sherds, largely late geometric. This is the fill on which the upper platforms (see above) rest. This earth goes among the stones of the circuit wall, which does not present a clean face, but slopes off much as in tr. 3. It is clearly used as a terrace wall.

24-3-37

Find a cross wall at right angles to the circuit wall, running off to the east, its top at

A ~~break~~ change in the masonry (inset by the corner, overhanging to the ^{west}) is taken as the signal for changing the sherds, though there is no difference in the earth. A Ptolemaic coin was found here at a depth of 0.60, and a marble head was found at ca. 0.30.

cont. J.F.D. IV p. 21

Tr. 4

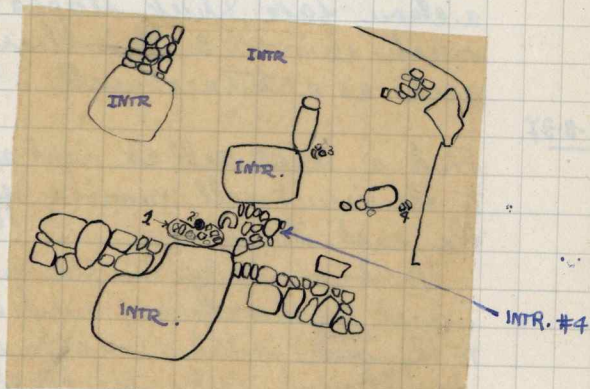
914
146
768

(160)

Unit 11	E	218	9.86
	W	234	10.02

Tr. 2 Unit 9 2.20 9.88

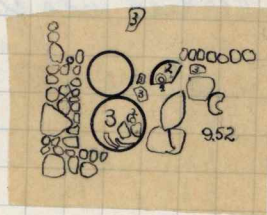
TRENCH 4, UNIT 4 @ 9.09 = 9.22



Sh313

#3 = frags. of coarse jug. h. of frag. 0.079

TRENCH 4, UNIT 7 @ 9.52

23-3-37, cont'd
from p. 155

TRENCH 4

(161)

of stones, which must be a wall in spite of its unimpressive quality. The floor clearly stops at this row of stones.

Continue clearing to the 9.89 = 9.97 level in unit #9.

Extend unit 10 to the east, opening a space ca. 2 x 4 meters.

24-3-37

Photo Buried
of units 11-11
(25-3-37)

Finish clearing the 9.40 = 9.53 level in unit 11.

Finish clearing the 9.89 = 9.97 level in unit #9. This is clearly an occupation level, but as some shreds go below it it seems probable that the main floor is an ash layer a few centimeters below it.

In the south of the unit ~~an~~ a surface intrusion caused considerable damage, and is cleared out. A pit has just appeared at this level, and it appears that the floor will be lower in the south.

Clear two large intrusions (surface) in unit #10. The top soil gives way to the red-brown which is studded here, at 10.03

(to p. 163)

20.3.37

TRENCH 4, UNIT 7

(162)

⊕ 9.53

- St 40 1. saddle quern - long, flat, broken
 St 41 2. do., fat - broken
 St 39 3. ~~granite~~ grinder - round

24.3.37, cont'd
from p. 161

TRENCH 4

(163)

Clear the wall between units 9+10, and between units 1+11. The latter wall is of small stones insecurely laid, at the 9.40=9.53 level (unit 1). Below this is fill or fallen matter (earth), and then, its top at 9.85, another wall, of large stones, following ~~approx~~ the same line.

Photos ~~Ames 27~~ of unit 9, etc.

Dig through the 9.53 level in unit 7. The poor row of stones between this and unit 2, apparently represent a wall, for other stones appear beneath.

Find a level at 9.62, apparently trod. Some sherds of the pithos #3 (map. p. 1.60) lie on it. Change sherds and proceed on down.

SMALL FINDS

(164)

23-3-37

S23

1. Loom weight Tr. 2, Unit 2, "Floor above rock" to 8.98 = 9.21

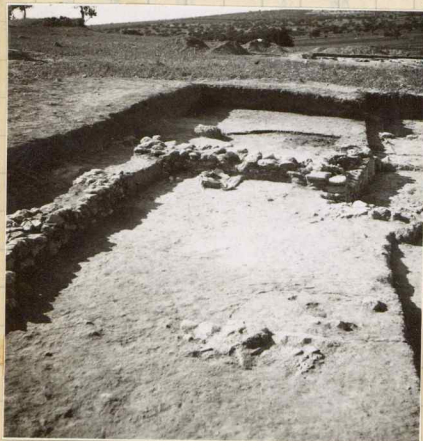


Photo Bam. 21

19-3-37 To p. 151

2:5 at 8.95 = 9.05,
showing pottery
in situ on bin.
In background right
2:1 at 9.35.

cont. from p. 151

(165)

26-3-37

TRENCH 2

The wall to unit 1 may be a door. A plaque of stone just east of it was ^{just} covered by the floor. A soft spot in the floor near a well-cut stone in the wall to unit 7 may represent a post hole.

22-3-37

Clear in unit 2 to a floor of brown earth at 8.69. This level wanders out to the ~~east~~ north with no wall showing. Called "floor above rock". Skim areas 8 + 9, trying to isolate intrusions.

23-3-37

Dig through 8.69 floor in unit 2, finding the bed-rock, very uneven, at 8.98 to 9.21. We isolate a large surface intrusion which had gone unobserved until now.

Find a cutting in the rock, with a flat stone in it, at 8.99. This must be a post support.

Work in units 8 and 9, trying to isolate the all too obvious intrusions. The earth looks generally very much disturbed.

(to p. 167)

Tr. 2
 Unit 8 215
 Unit 4 F 186
 W 164

(166)

24-3-37

TRENCH 2
 contd. from p. 165

(167)

Find the continuation of the wall between units 1 and 9 (and 5), and locate the wall between units 1 and 8.

Work with the intrusions, of which there is a very big one in the east corner of unit 1, stopping just short of a pithos in the corner. Find fragments of pottery in it, including p. #, of which part was found apparently in situ near the middle of the wall to unit 8, other fragments near the pithos in the disturbed area. There was no lime deposit in the breaks, so the intrusion cannot be very old.

Clear out the intrusive earth in unit 9 bit by bit, leaving only the solid bed earth. The unit was thoroughly disturbed.

corr'd. J.F.D. IV

TRENCH 41st strosia top-soil, plowed2nd strosia top-soil, below plow3rd strosia tumble4th strosia: habitationUnit 1: $9.23 = 9.47$ Unit 2: $9.10 = 9.38$ Unit 3: $9.19 = 9.44$ Unit 4: $8.94 = 9.12$ Unit 5: $9.62 = 9.79$ Unit 6: ca. 9.20 (9.37)Unit 7: ca. 9.15 (9.52)

Unit 8:

Unit 9: 9.89 Unit 10: 9.89

Unit 11:

5th strosia: habitationUnit 1: $9.40 = 9.53$ Unit 2: $9.22 = 9.40$ Unit 3: $9.30 = 9.44$ Unit 4: $9.00 = 9.22$ Unit 5: $9.66 = 9.83$

" 6

27.3-37

" 7 9.52 9.76 " 8 $9.42 = 9.55$

" 9

" 10

" 11

" 12

TRENCH 4

(170)

6th Stross: habitation (Intermediate, overstr.)

Unit 1 9.53 = 9.69

" 2

" 3

" 4

" 5

" 6

" 7 9.62 (intermediate)

" 8

" 9 9.89 = 9.97

" 10

" 11

" 12

7th stross: habitation

Unit 1 (9.53 = 9.69)

" 2

" 3

" 4

" 5

" 6

" 7 9.76 9.76

" 8

" 9 10.00 - 10.02

" 10

" 11

" 12 10.37

on

(171)

Unit 1 9.45 = 9.76

2

3

4

5

6

7

8

9

10

11

12

13

14

9.62 = 9.88

9.58

10.00 = 10.02

10.41

9.49 = 9.62

