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SUMMARY

Friday June 24, 1977 (Giovanni
Beth'sk)

work continued in several areas:

N'-6, O'-6

level 4 (level 4 = level at or
below level of tile fall in
N'-6 + conglomerate blocks
in N'-5) PZ 77.813P

PZ 77.555T Finds: note statuette frag.
esp. a very nice head
PZ 77.621T from south of O'-6, N'-6 -
level 4. This is slightly
unusual because most of
the statuettes frags. have
come from the north east
and central area of the
square

PZ 77.818T
statuette frags - including a
frs. of a many-breasted
Atenis type.

PZ 77.814P

M'-6

level one, batt. 1 PZ 77.794P

Finds: byzantine coin - silver
 founds in level 1 PZ 77.616
 M/T

level 1, batt. 2

Finds: statuettes
 PZ 77.620T

M'-2 (actually excavated June 23, 1977)

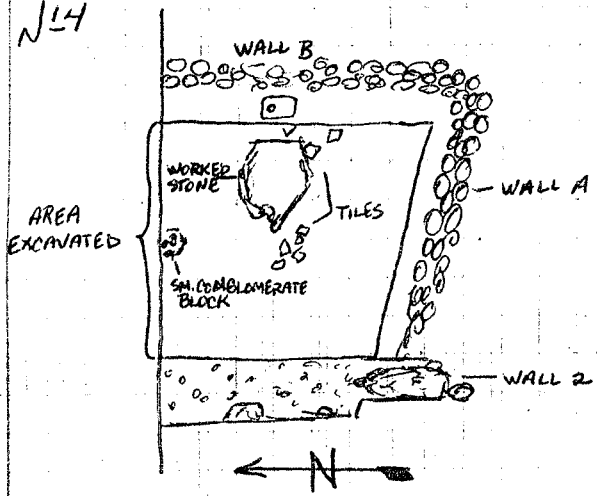
area south and west of wall A cleaned. W. end of wall clearly defined. Heavy tile fall immediately N of wall A. Tile fall exposed to the S and W of wall 5 to clarify relation between these two elements and the wall 3, running E-W in M'-2.

level 3 - tile fall around wall A

Finds:

Some sherds mixed in with the tiles. PZ 77.762P PZ 77.791B
 PZ 77.792T
 miniature byzantine with

N 14



ciss-cross pattern (top missing)
found along the S edge of
wall A, between field stones.
Location: 0.25 m. from W
edge of wall. Several phot-
graphs taken in situ. PZ 77. 615 P

levels: wall A - tile fall
over and around wall.
Same tile fall is below
wall 5, and over wall
9 (running E-W in M'-2,
excavated in 1976)

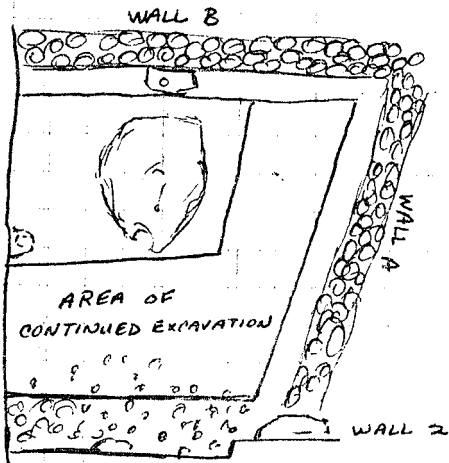
below tile fall: large con-
centration of small pebbles.
Though not thick enough
to constitute a pavement.
Rather a wash from
flooding of area?

Very few sherds below
tile fall. PZ 77. 790 P

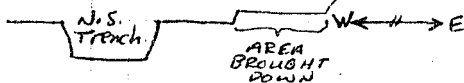
N1-4

Work begun to excavate AREA BOUNDED BY WALLS A, B,
+ 2. A section 1.00 x 0.85 m. was opened, and at a
depth of 0.07 m. (area had been down through level
2 by workmen at an earlier date) a worked
stone 0.40 x 0.38, a small conglomerate stone
c. 0.10 x 0.10, and several tiles were encountered.
Soil was hard and contained many stones and
pebbles. Pottery finds consisted of a few
coarseware fragments.

6
N¹-4, continued



North-South Trench EAST EXTENSION =
Preparation for excavation, CROSS SECTION, EAST-WEST.



drawing 37

N'-H, continued.

In the area to the south of the worked stone (c. 0.36 x 0.85) the level was taken down 0.20 m. within 0.12-0.14 m. of the level of wall 2. A COARSEWARE rim fragment and a small coarseware ~~fragment~~ handle were the only objects found in this level, once the few tiles at the top of the level had been removed.

Sounding carried on up to worked stone and along the south end of it. Ceramic finds were few. Stones appeared to be part of wall 2 rather than pavement. (Cf. later work in area for determination of exact nature of these stones.

NORTH-SOUTH TRENCH EAST EXTENSION -

Work began on an eastward extension of the North-South trench excavated in 1976. The extension was dug in arbitrary levels of battut, and the actual level of each batt. was taken. A strip of soil along the bank to the east of the extension was brought down first.

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 1

FEW FINDS DUE TO MUCH OF WORK BEING DONE IN VIRGIN SOIL. IN AREA NEAR WALL 6' (K'-3) 7 black figure sherds, one with the head of a male depicted, and an iron nail were found.

PZ-77-622 P/M

NORTH-SOUTH TRENCH EAST EXTENSION: ACTUAL LEVELS

ALL SIGHTINGS WERE TAKEN FROM L'-1 WHOSE LEVEL OF -7.36 m. WAS DETERMINED BY SIGHTING FROM M'-1 (-7.78m). (POINT AT L'-1 WAS LOST IN SUBSEQUENT EARTH MOVING OPERATIONS) Point A corresponds to the northern edge of each level. Point B was even with the southern edge of the east-west sounding to the east of the trench. Point C was aligned with a stake c. 5.0m. from L'-3. Point D corresponds to the southern edge of each level (except in BATT. 2 where point D was aligned with the SOUTH-EAST CORNER OF THE triglyph lying in the North-South trench. This point was abandoned since it was no longer in the area under excavation after batt. 2). The exact position of the points changed often according to the configuration of the trench, since the excavation attempted to follow the contours of the pit.

BATT. 1

- A = -6.75 m.
 - B = -6.52 m.
 - C = -6.95 m.
 - D = -7.18 m.
- (B sit. on raised area)

BATT. 4

- A = -7.065 m.
- B = -7.075 m.
- C = -7.125 m.
- D = -7.125 m.

BATT. 7

- A = -7.47 m.
- B = -7.46 m.
- C = -7.49 m.
- D = -7.50 m.

BATT. 2

- A = -6.615 m.
- B = -6.735 m.
- C = -7.005 m.
- D = -7.195 m.

BATT. 5

- A = -7.185 m.
- B = -7.205 m.
- C = -7.305 m.
- D = -7.265 m.

BATT. 8

- A = -7.66 m.
- B = -7.61 m.
- C = -7.62 m.
- D = -7.64 m.

BATT. 3

- A = -6.905 m.
 - B = -6.965 m.
 - C = -6.945 m.
- (D not taken)

BATT. 6

- A = -7.34 m.
- B = -7.33 m.
- C = -7.35 m.
- D = -7.37 m.

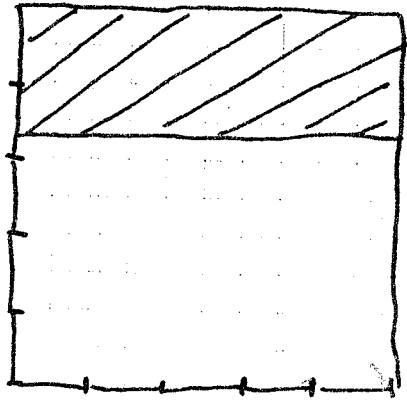
BATT. 9

- A = -7.80 m.
- B = -7.79 m.
- C = -7.74 m.
- D = -7.78 m.

12.

M'-6 level 1

N
↑



1,70 m.
modern fill

batt. 1-6

Monday June 27, 1977

M¹-6 level one: dark soil, some stones

level 1, batt. 2

Findels: PZ 77.847 SS PZ 77.848 P

statuette frag. PZ 77.626 T

level 1, batt. 3

Findels: PZ 77.849 P

coarse ware

PZ 77.850^T statuette frag. (or perhaps architectural TC)

level 1, batt. 4 (dark blackish-brown soil)

Findels: coarse ware PZ 77.851 P

part of round loom weight broken at holes PZ 77.852^T

part of spindle wheel round hole in middle intact

statuette frag(?).

haul left where modern
fill was thrown in (as
in M'-5. - batt. 5 and 6
consequently only in S
part of trench.

level 1, batt. 5

Finds: very few beads
bronze needle with eye
preserved PZ. 77. 627 M

PZ 77. 853 P

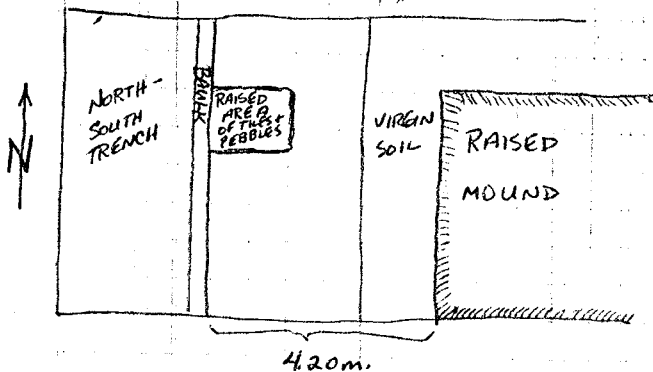
M'-3

continued cleaning of wall &
and tile fall. wall is definitely
continuous under the tile fall
in the E part of M'-2, but
it has not been possible
to define how far it extends.
This wall seems to be
built of squared stone
blocks with smaller stones
as fill - no tile frag. in
wall visible.

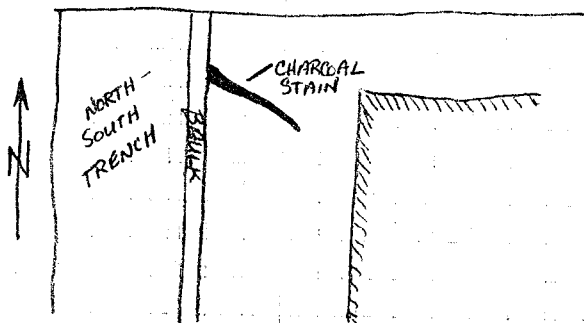
Careful cleaning of the S end
of wall & seems to show
that the wall is built
from several layers of neatly
placed tiles. W. of wall: 0.40m.
The surrounding tile fall
at the W. edge makes the
wall look considerably wider
than it is.

15
NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 2.

4 lines



NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 2



77-818P

North-South Trench East Extension, BATT. 2

Area of virgin soil defined and second battuta 77-820P was begun in west section of trench. A strip of earth 1.40m. in width was left on the eastern side of the trench. A level even with that of the 1976 excavation was reached upon the completion of battuta 2.

BATT. 1
RAISED AREA
OF STONES &
TILES
77-816P
77-817P
77-819B

A raised area of tiles and stones in high concentration c. 2.0 X 1.5 m. was brought down separately from the rest of battuta 2.

The finds in the raised area consisted of Arretine ware fragments, coarseware fragments, grayware fragments, one circular loomweight, and several animal bones

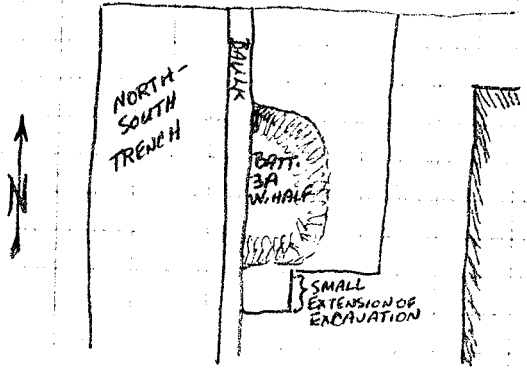
At base of battuta 2 next to eastern boundary of level a concentration of stones, pottery, tiles fragments, and large animal bones was uncovered. The bones may have been cow bones. This concentration of material was temporarily left in place, and was removed on June 28, cf. p. 23.

Below the raised area of tiles and stones at the base of battuta 2 a large charcoal stain was uncovered. It appeared to be the remains of one or several fairly large chunks of burnt wood (area of stain c. 1.60 X .30 m). The charcoal concentration consisted primarily of darkly stained soil, however some limbs and lenses were present. There was a large number of rootlets in the deposit. The stain was approximately even with point B and extended downward into battuta 3. A SAMPLE WAS TAKEN.

PZ-77-649SS

This charcoal stain was partially excavated in 1976 and was photographed at that time, cf. 1976 notebook. Stain is at a slant running south-east.

NORTH-SOUTH TRENCH EAST EXTENSION BATT 3, 3A WEST HALF



NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 3

There was a heavy concentration of pottery fragments and bone in and around the area of the charcoal stain. Brown soil outside of stain area contained a smaller concentration of finds. (The excavator did not have a Munsell chart during the work in this area, therefore the soil color descriptions are far from scientific. I intend to use the Munsell chart in conjunction with a description of the baulk of the EAST EXTENSION IN THE HOPE THAT THIS WILL AT LEAST PARTIALLY MAKE UP FOR THE INITIAL LACK OF THE CHART)

77-821P
77-822P

Finds in this battuta include Arretine, grayware, and coarseware fragments, several amphorae handles, a loomweight, animal bones, and some chunks of iron slag. An Arretine BOWL BASE WITH THE STAMP OF A MANUFACTURER ON ITS INTERIOR AND A GRAFITTO ("H") on its bottom was found in this battuta, PZ-77-629P
Also a terra sigillata fragment with a relief design of a rosette and leaf was found, PZ-77-628P

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 3A WEST HALF

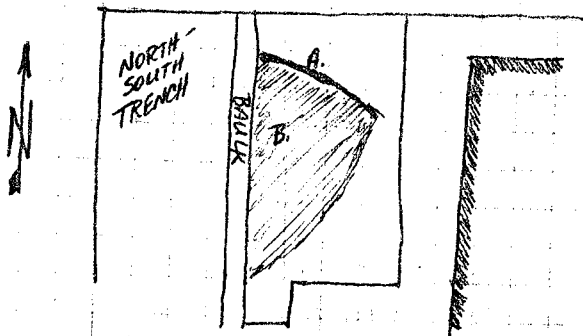
7-823P
77-824P

THIS BATTUTA ORIGINATED DUE TO CONFUSION ON THE PART OF THE EXCAVATOR. WHAT AT FIRST APPEARED TO BE THE BEGINNING OF BATTUTA 4 WAS IN FACT A LEVELING OUT OF BATTUTA 3. On the advice of the chief archaeologist at the site the material was kept separate and given its present designation. The soil c. 1.00-1.50m. east of the baulk and bounded by the virgin soil has a darker hue than the "golden" virgin soil. It is a brown with a certain amount of black - "light chocolate."

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 3, continued.

A small southern extension of the trench was made and brought down to base of battuta 3.

NORTH-SOUTH TRENCH EAST EXTENSION BATT. 5



A. - CHARCOAL STAIN
B. - "CHOCOLATE" SOIL

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 3 continued
The charcoal stain was still ~~in~~ evident at the base
of battuta 3.

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 3 - CARBON SAMPLE
SAMPLE TAKEN FROM LARGE CHARCOAL STAIN IN THE TRENCH.
LIMBS AND LENSES WITH SOME ROOTLETS PRESENT. ACTUAL
LEVEL = - 6.965 m. 77-650 S.S.

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 3A WEST HALF - CARBON SAMPLE
HURRIED SAMPLE TAKEN DURING THE DIGGING OF THE BATT
MANY ROOTLETS PRESENT AND SAMPLE HAD TO BE KEPT IN A
PLASTIC BAG DUE TO LACK OF ALUMINUM FOIL. SAMPLE MAY BE
USELESS. ACTUAL LEVEL = - 6.945 m. 77-651 S.S.

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 4. 77-825P, 77-826T
NUMEROUS COARSEWARE SHERDS, PLUS A FRAGMENT OF A
PIN ~~77-630M~~ 77-630M 77-

BEGINNING WITH BATT. 4 OF THE EAST EXTENSION THE MATERIAL
FOUND NORTH OF THE CHARCOAL STAIN WAS KEPT SEPARATE
FROM THE OTHER MATERIAL OF THE BATTUTA. THIS OPERATION
WAS MAINTAINED IN ALL FOLLOWING BATT. WHERE THIS
DIVISION EXISTED.

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 4 NORTH HALF 77-827P
FINDS FEW IN NUMBER: COARSEWARE FRAGMENTS OF VARIOUS
TYPES, ONE LARGE FRAGMENT OF A GRAYWARE BOWL, SMALL
FRAGMENT OF ARRETINE WARE, ONE CIRCULAR LOOMWEIGHT,
AND SEVERAL PIECES OF IRON SLAG. 77-828T 77-829M

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 5

"CHOCOLATE" SOIL AND CHARCOAL STAIN WERE THE MOST PRODUCTIVE
AREAS IN TERMS OF FINDS. "CHOCOLATE" SOIL EXTENDS SOUTHWARD
FROM THE CHARCOAL STAIN AND TAPERS TO THE WEST.
CARBON LENSES AND LIMBS ARE PRESENT BOTH TO NORTH AND
SOUTH OF MAIN CHARCOAL CONCENTRATION.

FINDS WERE PREDOMINATELY COARSEWARE INCLUDING AMPHORA
FRAGMENTS, A RIM+WALL FRAGMENT OF A LEKANE, A LONG, NARROW
NECK, PLUS ARRETINE FRAGMENTS, GRAYWARE FRAGMENTS,
A LOOMWEIGHT, A BRONZE PIN OR NEEDLE, + ANIMAL BONES INCLUDING A LAW BONE
77-742M 77-830P 77-831M 77-832T

NORTH-SOUTH TRENCH EAST EXTENSION BATT. 5. NORTH HALF

FEW FINDS: ONE PIECE OF IRON SLAG, ONE SMALL ARRETINE FRAGMENT, A FEW GRAYWARE FRAGMENTS, VARIOUS COARSEWARE FRAGMENTS INCLUDING A LEKANE RIM. 77-833P

NORTH-SOUTH TRENCH EAST-EXTENSION: CONC. OF MATERIALS IN BATT. 2.

CONCENTRATION OF MATERIALS LEFT IN SITU FROM PREVIOUS DAY WERE REMOVED, cf. p. 17. FINDS CONSISTED OF A FEW COARSEWARE SHERDS, A GRAYWARE FRAGMENT, TILE FRAGMENTS INCLUDING ONE LARGE TILE FRAGMENT WITH A RIM, AND TWO LARGE ANIMAL BONES, POSSIBLY FROM A COW.

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 6

RELATIVELY FEW FINDS WERE UNCOVERED: COARSEWARE + GRAYWARE FRAGMENTS, ONE SMALL ARRETINE SHERD, AND SEVERAL ANIMAL BONES. 77-834P 77-835T

NORTH-SOUTH TRENCH EAST EXTENSION, BATT. 6 NORTH HALF

FINDS WERE PREDOMINATELY COARSEWARE, SOME GRAYWARE FRAGMENTS INCLUDING A FRAGMENT OF A STRAINER, A BLACK GLAZE BASE OF A CUP OR LEKYTHOS, TWO CIRCULAR LOOMWEIGHTS, SOME IRON SLAG AND ANIMAL BONE.

77-836P, 77-837S, 77-838T

Tuesday June 28, 1977

M'-6

level 1, batt. 6 PZ 77.887 P

Find:

Coarse ware, spindle wheel (perhaps used as iron weight - w. hole) purpose: to bring the bench down to the same level as M'-5. (2 sheds from batt. 7) PZ 77.857 P

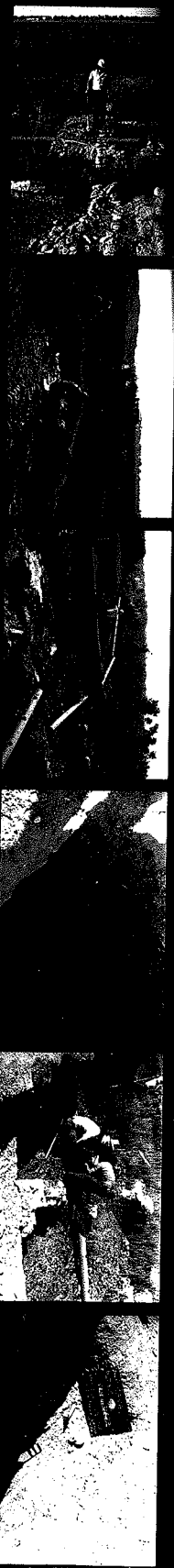
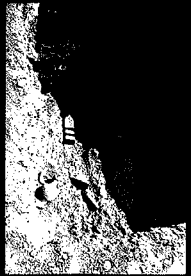
NOTE ON LEVELS: Throughout this bench the soil was dark and heavy, with no distinctive features. The levels were therefore distinguished only by battuts. Further differentiation might be made by studying the sections in this and the surrounding benches.

While work continued in this square, the bulldozer was raising immediately to the E. The E edge of the bench was chewed away before I had a chance to study the levels, but the S vault is still intact. wheelbarrow ramp in SE corner

6/28, 29/77



THE CANAL
OF THE
JUNE 29, 1977



2 3 0



KODAK SAFETY FILM 5063

KODAK SAFETY FILM 5063

KODAK SAFETY FILM 5063

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KODAK SAFETY FILM 5063

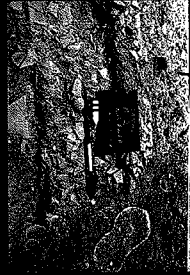
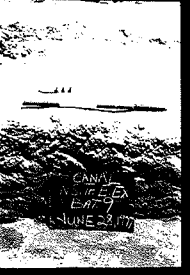


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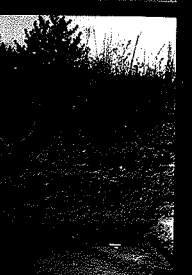
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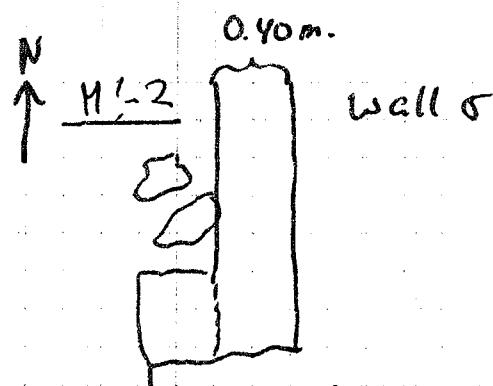
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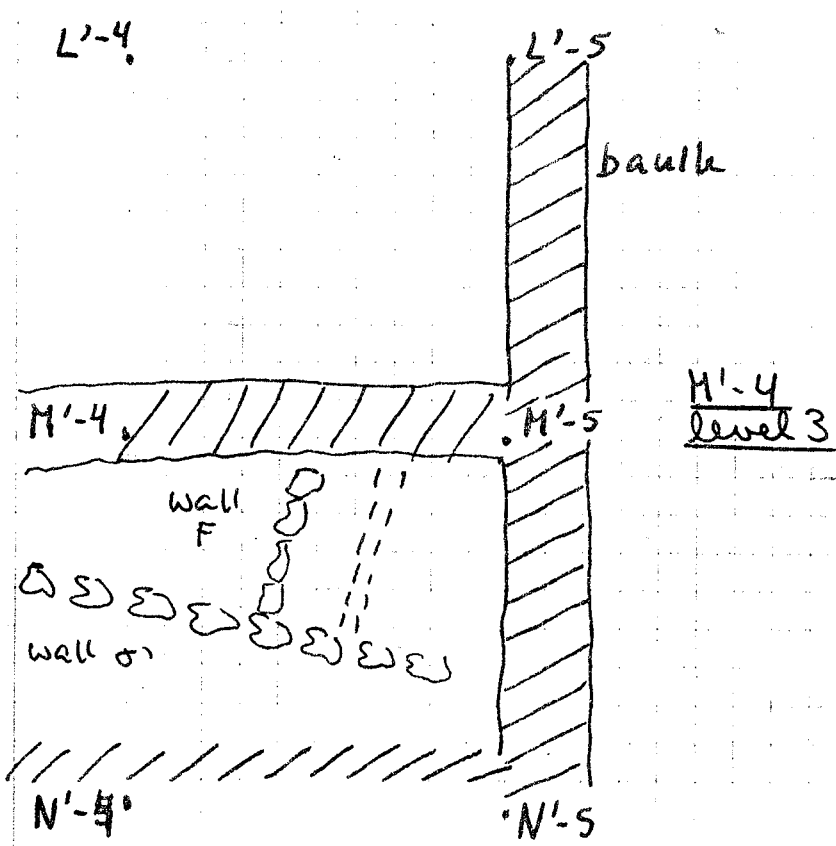
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26.



artificial or real corner?
 (edges of tiles are deceptive!)



cut down - level 1, batt. 1-6
 course ware. PZ 77.886T

M'-2

wall 5 - continued cleaning of surface. Outline of wall now clear. It remains to be seen what the blocks of roughly hewn stones along the W edge of the wall are doing there.

M'-4

Test area - defined by wall 5' F and baulk between M'-4 and M'-5 ~~etc.~~

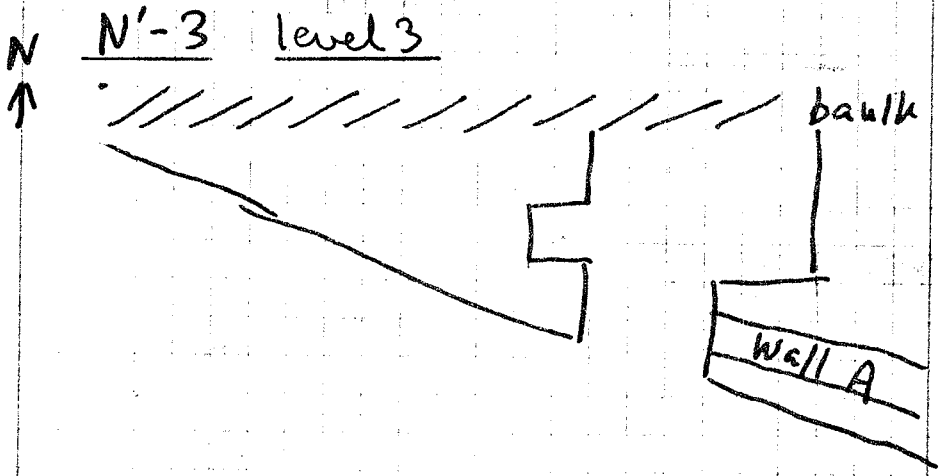
level 3 batt. 1 red ware etc.

PZ 77.623P batt. 2 red ware etc.

LEVEL 3 here indicates the level below wall F.

PZ 77.902P PZ 77.903P

In clearing the fill wall between wall F and the E. baulk a new wall appeared, parallel to wall F and seemingly at a lower level. Construction: field stones and tiles. In order to clarify the situation the test cut was continued N of the modern fill - in square L'-4 (some photographs mistakenly labeled M'-4)



L'-4 area between wall F,
northern part and N-S
bault

Finds: PZ. 77. 867 P

level 3, batt. 1 large bone
frag.

black glaze
red ware

PZ. 77. 868 P

level 3, batt. 2 PZ. 77. 876 P

level 3, batt. 3

level 3, batt. 4 PZ. 77. 880 P

PZ. 77. 877 P

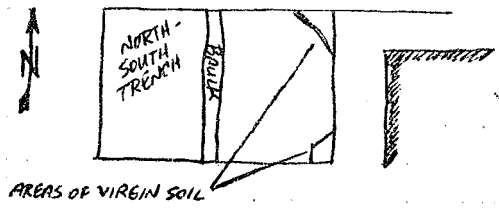
PZ. 77. 882 P.

N'-3 removal of soil forming
triangle between bault
and small square room = Rm 1
(S of E-W sketch of wall A.)

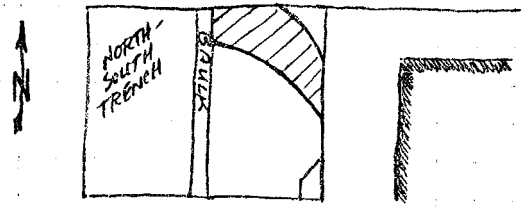
level 3, batt. 1


drawing 38

NORTH-SOUTH TRENCH EAST EXTENSION BATT. 7



NORTH-SOUTH TRENCH EAST EXTENSION BATT. 8.



 - VIRGIN SOIL LEFT UNEXCAVATED AT BATT. 7.

NORTH-SOUTH TRENCH EAST EXTENSION BATT. 7 77-869P 77-870T

POTTERY FINDS WERE FEW: COARSEWARE FRAGMENTS INCLUDING ONE LARGE FRAGMENT OF A COOKING BOWL WITH A HANDLE (LOOKS LIKE A HANDLED LEKANE), A FEW GRAYWARE FRAGMENTS, ONE SMALL APRETINE FRAGMENT, ONE LOOMWEIGHT, ONE BONE.

NORTH-SOUTH TRENCH EAST EXTENSION BATT. 7. NORTH HALF 77-871P
77-872S

VERY FEW FINDS: SOME COARSEWARE + GRAYWARE FRAGMENTS, A FEW FRAGMENTS OF ANIMAL BONE, AND ONE PIECE OF IRON SLAG.

NORTH-SOUTH TRENCH EAST EXTENSION BATT. 7. NORTH HALF CARBON SAMPLE

77-65255 LARGE CHARCOAL LUMB, C. 0.05 m. sq., FOUND C. 2.30 m. FROM NORTHERN EXTREMITY OF TRENCH. LOCATED IN YELLOWISH, "GOLDEN" CLAY MATRIX WITH SOME ROOTLETS PRESENT. ACTUAL LEVEL = - 7.49 m. DUE TO LACK OF ALUMINUM FOIL THIS SAMPLE WAS TEMPORARILY STORED IN A HARD PLASTIC CONTAINER.

NORTH SOUTH TRENCH EAST EXTENSION BATT 7

TWO TRIANGLES OF VIRGIN SOIL WERE LEFT AT THE LEVEL OF BATT. 6 IN THE NORTHEASTERN + SOUTHEASTERN CORNERS OF TRENCH. VIRGIN SOIL IS A PURE CLAY OF A YELLOW, "GOLDEN" COLOR. THE SMALL SOUTHERN EXTENSION OF THE TRENCH IS NO LONGER UNDER EXCAVATION, cf. pp. 18-19.

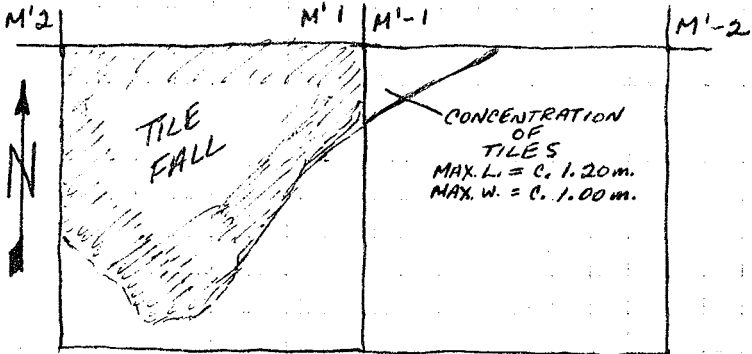
NORTH SOUTH TRENCH EAST EXTENSION BATT 8

FINDS ONCE AGAIN WERE VERY FEW IN NUMBER: TWO GRAYWARE FRAGMENTS, THREE LEKANE FRAGMENTS, RIM OF A CASSEROLE OR MORTAR WITH AN APPLIED SCALLOPED HANDLE, AND OTHER ASSORTED COARSEWARE FRAGMENTS. THREE CIRCULAR LOOMWEIGHTS WERE FOUND. TWO WERE SIDE BY SIDE, AND THE OTHER WAS VERY NEARBY. THEY WERE LOCATED AT A POINT C. 2.00 m. FROM THE SOUTH EDGE OF THE TRENCH AND C. 0.40 m. FROM ITS EAST EDGE. A LAMP FRAGMENT WAS FOUND BY THE EXCAVATOR IN A WHEELBARRROW OF SOIL FROM THIS LEVEL. GRAYWARE TYPE CLAY, PART OF NOZZLE, SIDE, + TOP SURVIVES. SMALL ROLLED HANDLE ON SIDE AND FIGURED DESIGN ON TOP. APPEARS TO BE ROMAN. APPARENTLY CAME FROM SOUTHERN HALF OF TRENCH.

ONCE AGAIN A LAYER OF VIRGIN SOIL WAS LEFT UNEXCAVATED.

77-874T 77-873P 77-875P

M'-1, LEVEL 2



NORTH-SOUTH TRENCH EAST EXTENSION BATT. 8 NORTH HALF

77-878P
77-879T

Only about a dozen sherds were found including a large grayware base fragment, a "king size" circular loomweight (d. = 0.105m.), and one piece of iron slag.

NORTH-SOUTH TRENCH EAST EXTENSION BATT. 9

THERE WAS NO NORTH HALF SUBDIVISION IN THIS LEVEL, SINCE IT WAS ENTIRELY UNDER THE BURN LAYER. ONCE THIS BATTUTA HAD BEEN REMOVED IT APPEARED THAT BATT. 8 ALSO HAD BEEN UNDER THE BURN LAYER OR AT LEAST AT THE LOWEST EXTREMITY OF THE BURN LAYER.

77-881P

FINDS WERE FEW IN NUMBER INCLUDING THE USUAL COARSEWARE AND GRAYWARE FRAGMENTS, A CIRCULAR LOOMWEIGHT, ONE SMALL BLACK GLAZE SHERD AND SOME TILES WITH A GREEN-YELLOW COLOR. THE EXCAVATION WAS STOPPED AT THIS BATTUTA, SINCE AT THE TIME ONLY VIRGIN SOIL SEEMED TO REMAIN. HOWEVER EXAMINATION PROVED THIS ASSUMPTION TO BE FALSE. IF THERE IS TIME THE EXCAVATION OF THE EAST EXTENSION WILL BE CONTINUED, OTHERWISE IT WILL HAVE TO WAIT FOR THE FOLLOWING SEASON.

M¹-1 LEVEL 2 (LEVEL 1 EXCAVATED IN 1976)

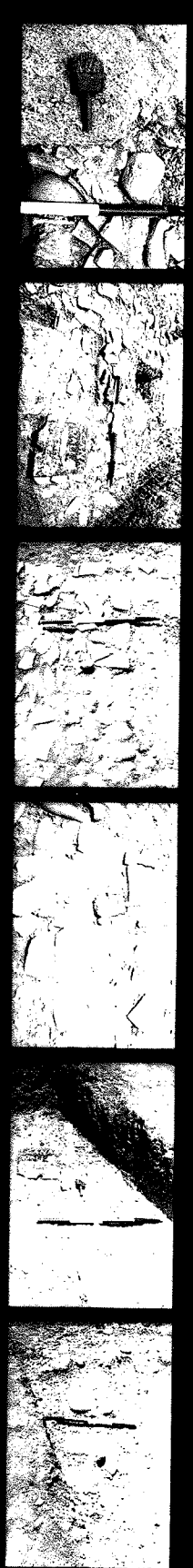
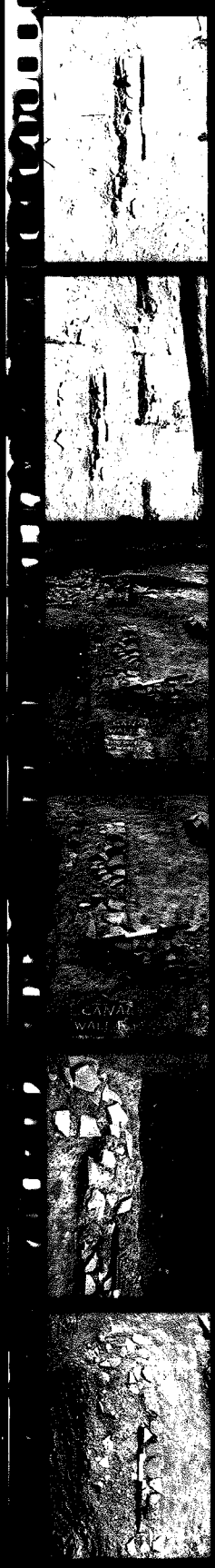
LEVEL CONSISTED OF TWO BATT. AND WAS BROUGHT DOWN TO THE LEVEL OF M¹+1. NO CONTINUATION OF WALLS FROM M¹-2 WAS UNCOVERED AS ORIGINALLY HOPED.

THE LARGE TILE FILL OF M¹, level 2, appears to have extended into the northwestern corner of M¹-1.

In this corner there was a large number of tiles, however not in as great a concentration as in M¹+1. The tiles were removed by the workmen, and in retrospect the excavator should have urged more caution and retained the tiles in situ.

Material consisted of numerous coarseware fragments of various types AND SEVERAL BLACK GLAZE FRAGMENTS, INCLUDING THE BASE OF A CUP AND A RIM FRAGMENT WITH A CONFIGURATION SIMILAR TO THAT OF A LEKANE.

7/11/97



CANAL
WALL R

36

N
↑

L1-4

level 3
Wall C

Celeste

Wall E

tile fall

Wall F

drawing 39

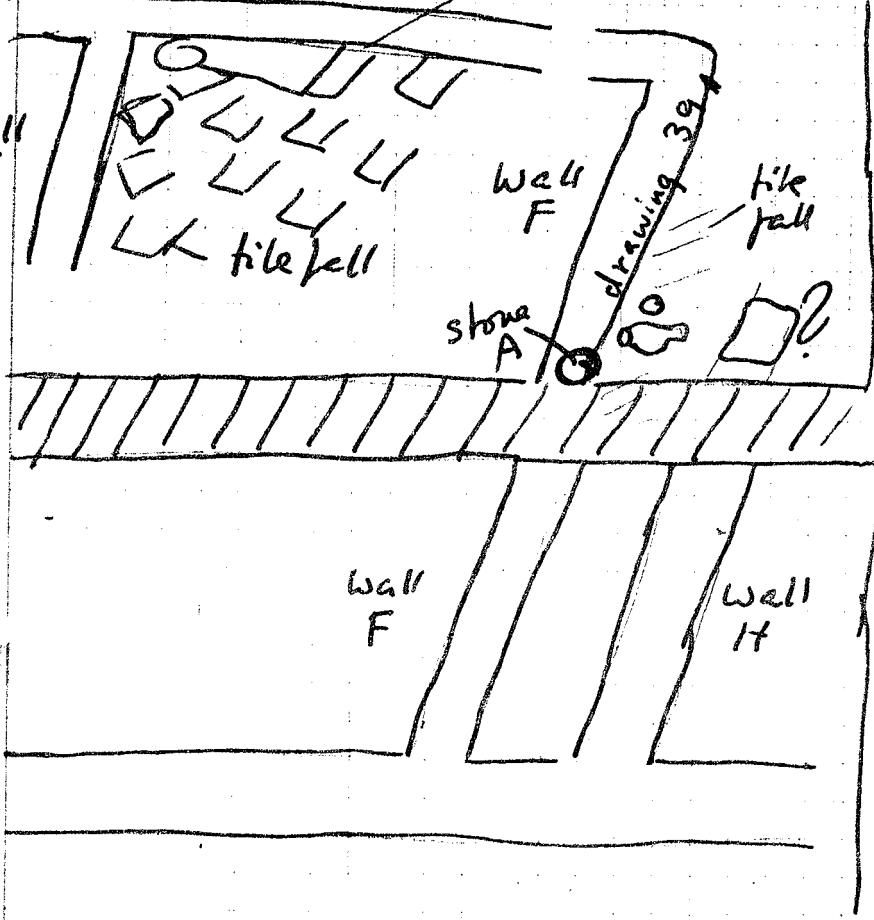
tile fall

stone A

M-5

Wall F

Wall H



Wednesday June 29, 1977 (Pickoe Paolo)

A day in modern technology - the bulldozer training on all sides. Well-point system installed - copious photo-graphic documentation - all men occupied with pumps, except the two Albedos.

L'-4 area N of modern fill cleared.

level 3, batt. 4 red ware etc.

level 3, batt. 5

Findings: one small amphora and one small phiale found together at 0.55 m. S depth from stone A. 1.40 m. from stake at 11-5 PZ 77. 655 P

level 3, batt. 6 below level of vases. PZ. 77. 882 P

possible continuation of wall H - one unrelated stone made it appear at first that wall H continued N of the modern fill - However, it was surrounded by soil only, and was therefore removed.

NOTE ON LEVELS:

Level 3 was identified with the level of wall F and subdivided in battas. As shown in the section the significant features are two tile falls. It should be noted that the two bases were found below the lower tile fall.

N'-7, O'-7

new square started. work slow since most of the workmen were busy with the pumping system.

PZ 77.888 P

PZ 77.889 P

PZ 77.899 P

PZ 77.900 P

PZ 77.901 M

M'-3 level 3 - stones + tiles on and around walls

cleaning of wall O' and E - between stones were found a small lekythos with checked decoration (photos graphs taken in situ - date unfortunately left out). PZ 77.632 P

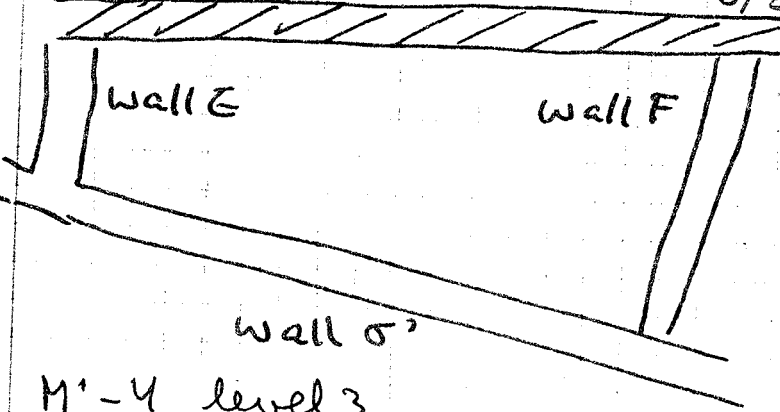
Finds:

miniature TC am (doll's ?)

PZ 77.631 T

see contacts
sheet
6/29/30

modern fill



PZ 77.654 T figure '8'-shaped loom weight
2 round spinelle wheels

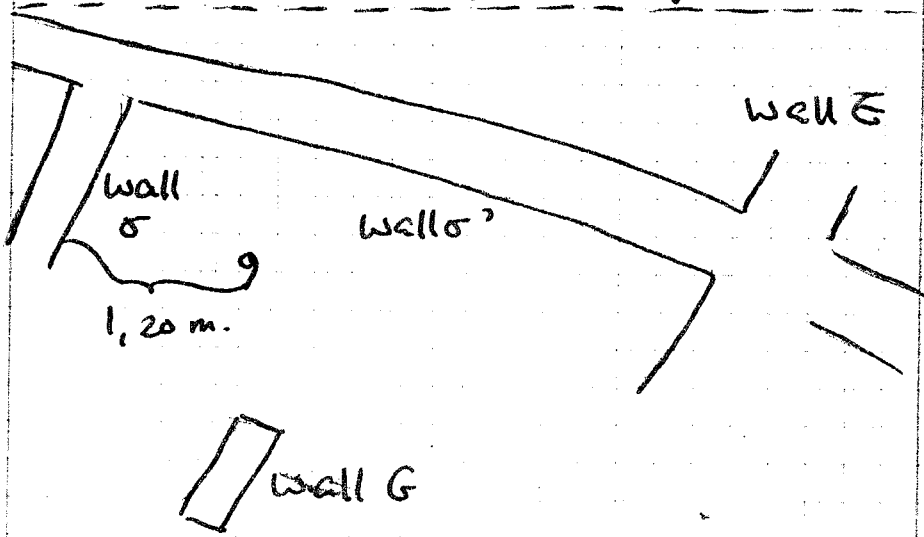
test area M'-4
defined by modern fill,
walls G, E, and F
PZ 77.905 P

44

M'-3

level 3

modern fill



see cont'd
sheet for
6/30/74

Thursday June 30, 1977

N'-7, O'-7 (level 1 removed by
bulldozer)

level 2, batt. 2 bones
PZ 77.910 P coarse ware

M'-3

cleaning of area defined by
walls σ , σ' , and ϵ PZ. 77.0909 P

level 3, batt. 1 arm + frag. of
doll PZ 77.670 T
PZ. 77.912 P
level 3, batt. 2

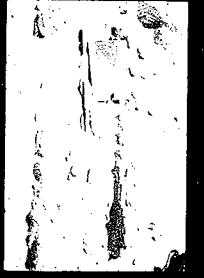
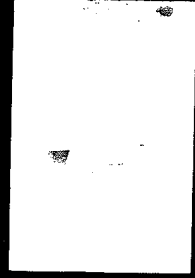
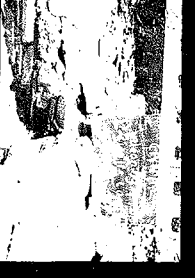
Finds: volute-shaped finial
PZ. 77.917 T

BF(?) sherd - showing
hindquarters of animal(?)
PZ. 77.915 P

level 3, batt. 3

level 3, batt. 4 - immediately
above concentration of
pebbles ('pavement') PZ. 77.918 P

6/22, 30/77 7/1/77



2 3 6

KODAK SAFETY FILM 5013

KODAK SAFETY FILM

16

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KODAK SAFETY FILM 5013

KODAK SAFETY FILM 5013

KODAK SAFETY FILM 5013

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KODAK SAFETY FILM 5013

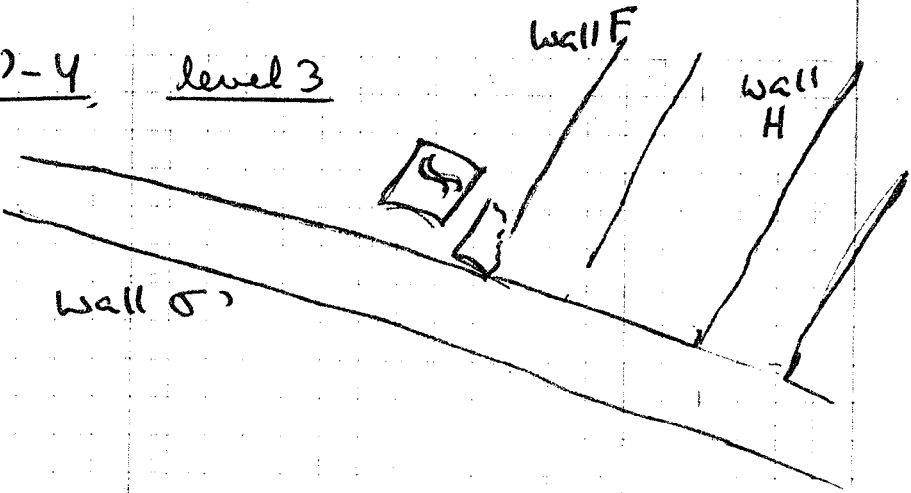
KODAK SAFETY FILM 5013

KODAK SAFETY FILM 5013

46

M-4

level 3



M'-4

cleaning of E end of wall
5', N-S sketch of wall F
and H.

a pushing endeavor -
wall H appears to be at a
lower level than wall F
and merges very neatly
with wall 5'. There is a
tile fall between and
around these walls.

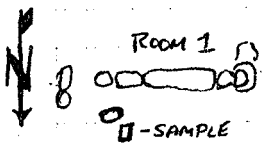
Wall F can be defined
clearly only along the W.
edge, where it consists
of layers of plain tiles
and round field stones.

However, it does not
attach directly to the N
edge of wall 5'. Instead,
there is a curved cover
tile with one long and
one short edge preserved
which is actually below
the level of the wall.

Next to the cover tile is another
cover tile placed upside down
with a double S inscribed
on the surface.

PZ 77.907 P

PZ 77.908 P



CLEANING OF "PAVEMENT" NORTH OF ROOM 1, N¹-3, -4.
IN BETWEEN WATCHING + PHOTOGRAPHING THE INSTALLATION
OF THE WELL POINT SYSTEM THIS PAVEMENT WAS CLEANED
BY THE EXCAVATOR.

SOIL SAMPLE TAKEN OF EARTH DIRECTLY ABOVE PAVEMENT.

SAMPLE IS 0.115 m. X 0.075 m.; h. = c. 0.05 m - 0.035 m.

SAMPLE LOCATION = 0.40 m. NORTH OF NORTH WALL OF ROOM 1.

ACTUAL LEVEL = - 0.90 From N¹-3.

PURPOSE OF SAMPLE TO DETERMINE IF THE SOIL COMPOSITION
WOULD INDICATE ITS NATURAL DEPOSIT BY A FLOOD OR WHETHER
IT MAY IN PART HAVE BEEN PLACED BY HUMAN MEANS.

see foto 53
contact
sheet
for 7/1/77

Friday July 1, 1977

N'-7, O'-7

level 2 - rich black soil,
few finds

batt. 3
Finds:

bones


coarse ware PZ 77.925 P
statette frag. (?)

round spindle-whorl (?) with
phall end (?)

PZ 77.926 T round loom weight
chipped, with 2 holes

batt. 4

Finds:

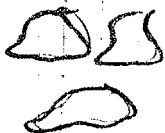
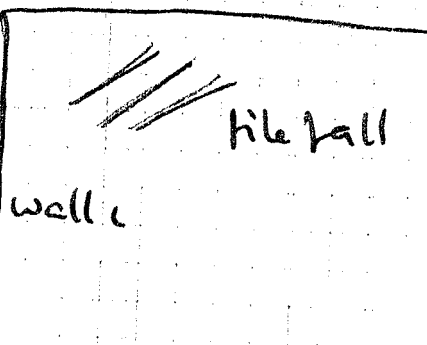
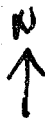
large bone frag.
coarse ware
ribbed handle
heavy rim with incised
design of waves


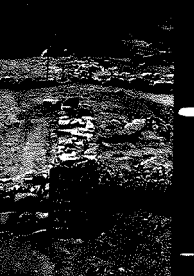
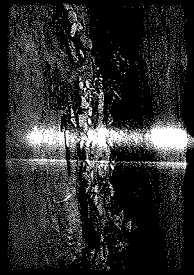
loom weights: 3 - shapes:

54

21-3 level 3
wall c'

↓
wall
is
not well
preserved
here







CANAL
WALL U
E-W
UNDESIGNED
W WALLS RE
ANAL

July 4 74





H¹-3

cont'd cleaning of area
around wall σ and ϵ -
more complicated than
it seemed at first.

wall σ and wall σ' are now
clearly identified - there is
even a possibility that
 σ continues N of the modern
pile and links up with
wall c.

relation between wall σ' and
wall ϵ very complex - it
seems almost as if the two
walls overlap at slightly
different angles

level 3 batt. 1

PZ. 77. 916P

red ware
black glaze
ribbed knob



small black-glazed
lid w. knob

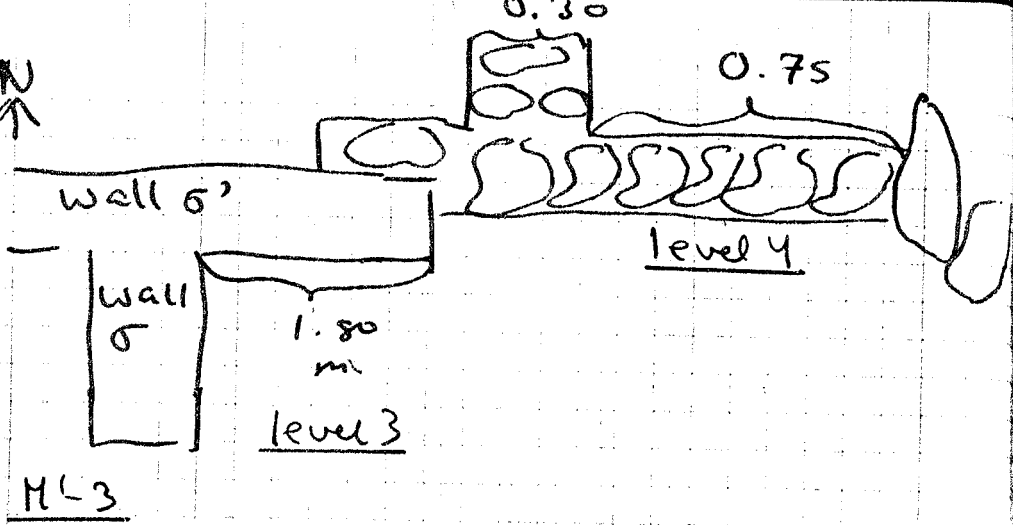


level 3, batt. 2

bones
red ware
black glaze

PZ. 77. 919P

58



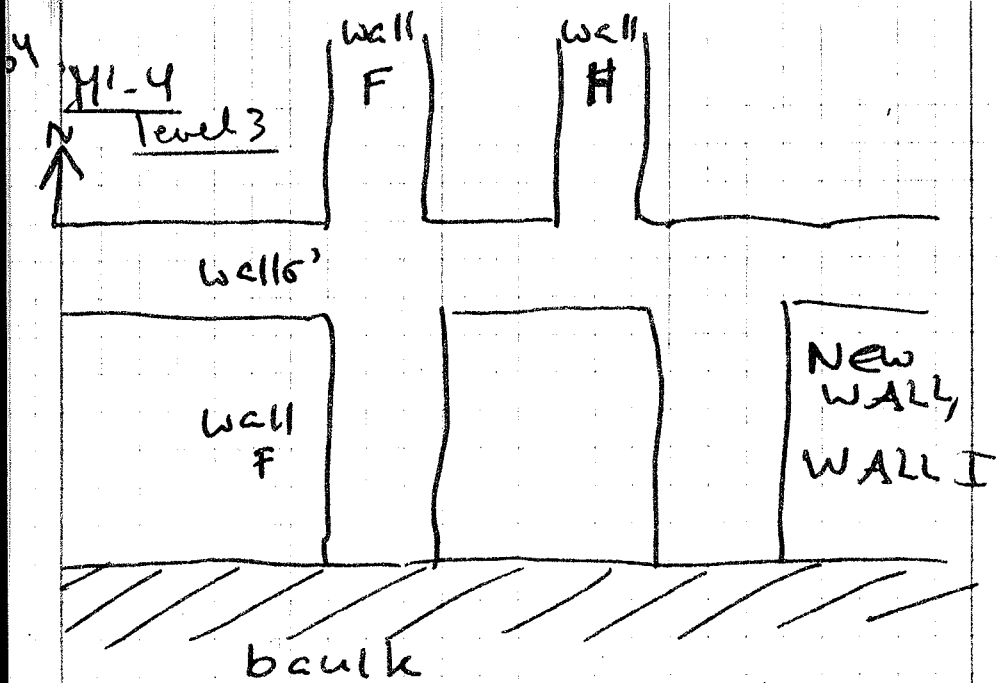
In cleaning the area N of wall 5' up to the modern fall a curious feature was discovered.

a U-shaped construction of large stones - no tiles which seem to continue toward the N

This feature allowed the introduction of a new level which includes and below it - LEVEL 4

level 4 batt. 1 red ware
PZ. 77.924P black glaze

CLEANING OF "PAVEMENT" NORTH OF ROOM 1, N¹-3, -4
FOR THE PAST TWO DAYS I HAVE BEEN CLEARING OFF THIS "PAVEMENT". THE "PAVEMENT" NOW APPEARS TO BE NOTHING MORE THAN PEBBLES DEPOSITED BY A FLOOD. THIS ALSO CASTS SERIOUS DOUBT ON THE PAVEMENT OF ROOM 1 WHICH IS AT THE SAME LEVEL. A primary reason for rejecting the identification of the pebble layer as pavement is the virtual lack of finds associated with it. Very few sherds were found and all were small in size. EXCAVATION OF THE "PAVEMENT" HAD BEEN CARRIED OUT VERY CAREFULLY IN THE HOPE OF PLOTTING THE LOCATION OF FINDS ON THE PAVEMENT. THE PAUCITY OF FINDS NEGATED THIS OPERATION. THE LAYER OF PEBBLES APPEARS TO BE PRESENT THROUGHOUT THE STRATIGRAPHY OF THE AREA. UNLESS FURTHER EVIDENCE IS FOUND, THE "PAVEMENT" MUST BE IDENTIFIED AS JUST ANOTHER PEBBLE LAYER DEPOSITED NATURALLY ON THE SITE.



Saturday, July 2, 1977 (Palio day)

M'-4

clearing of area between wall σ' and vault between M'-4 and N'-4 structure of walls F and H identified clearly. also continuation of F south of wall σ' . F is definitely of a much finer construction than H - could it be a later addition? (sugg. by J.C.)

an annoying new discovery - parallel to wall F, but E of wall H is another wall - labeled wall I (w. 0.60m)

which extends to the S of wall σ' as far as the vault. (this whole area was cleared and the column base removed)

PZ 77.911 P PZ 77.913 P PZ 77.914 P
PZ 77.982 P

general cleaning and sweeping of site.

levels - relation of walls F, σ' and I and tile fall needs to be clarified - reported finds are labeled level 3.

M¹-5, level of tile fall
iron nail PZ 77.681 M

8

modern wall

M¹-3

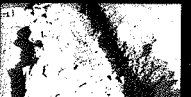
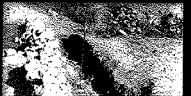
level 3

wall E



1 sq. = 10 cm

tile
fall



Monday July 4, 1977

A red-white-and blue pyramid was reported, but dissolved before the excavators could take proper measurements and give a thorough description of the object.

M'-3

continued cleaning of walls O' and E. - wall E is clearly part of a structure with 2 90° angles, but it is not quite clear how they relate to wall O' - an intuitive impression is that wall E was built over wall O', but this theory needs to be confirmed stratigraphically.

PZ. 77. 937P PZ. 77. 938M

N'-4

blocks of stone removed

cleaning of what seems to be S extension of wall F

fillfall } features need to be def.
wall A }

70

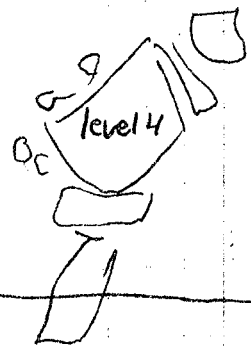
N'-5

level 5

bank

o
o

level 5



0'-5

N¹-5, 0¹-5

work cont'd in this square,
now sufficiently dield out
because of the pumps

Levels: level 4 is indicated
by the large stones in
the E part of the square.
level 5 indicates material
found below this level.

PZ 77.705 P, PZ 77.706 P PZ 77.707 T

Level 5, batt. 1 begins
immediately below
layer of small stones
(pebbles) apparent in
the section between
N¹-4, 0¹-4.

PZ 77.927 P Coarse ware
PZ 77.928 P

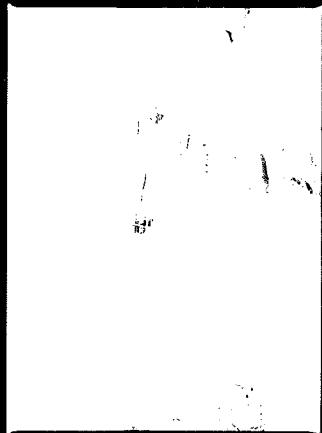
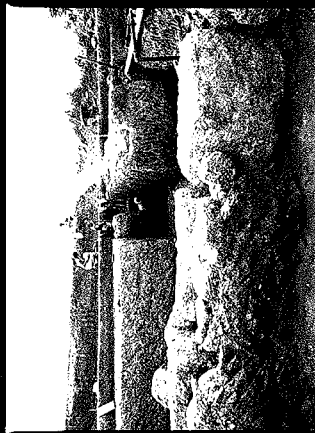
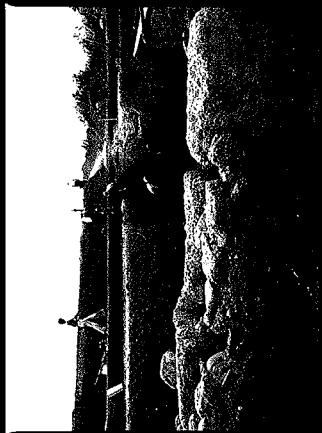
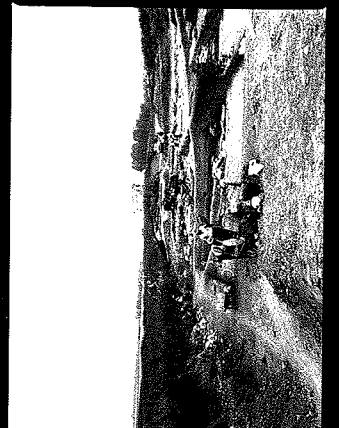
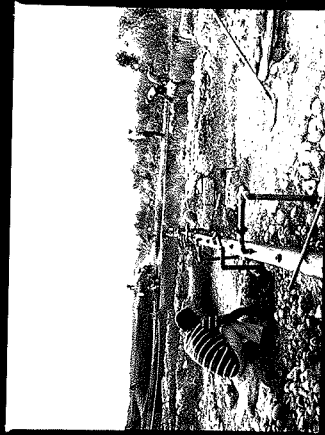
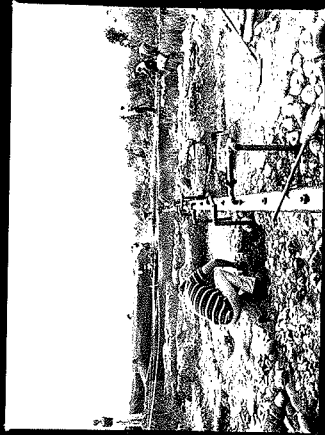
PZ 77.930 P
PZ 77.929 P Find: rich, black
soil, few or
no stones

PZ 77.714 P bases, handles, some BF

PZ.77.711 T statuette frag. - head

loom weight

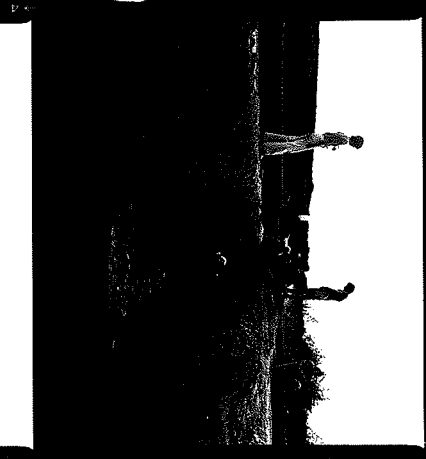
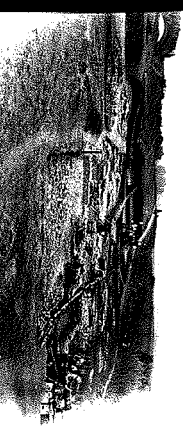
PZ 77.712 P 2 men. cups - NW corner
PZ 77.715 P Depth from tile layer 1 in
PZ 77.716 P section 0.95 m.
depth from top of bank 1.55 m



→ 10

→ 11

→ 12



1←

2←

3←

4←

5←

6←

7←

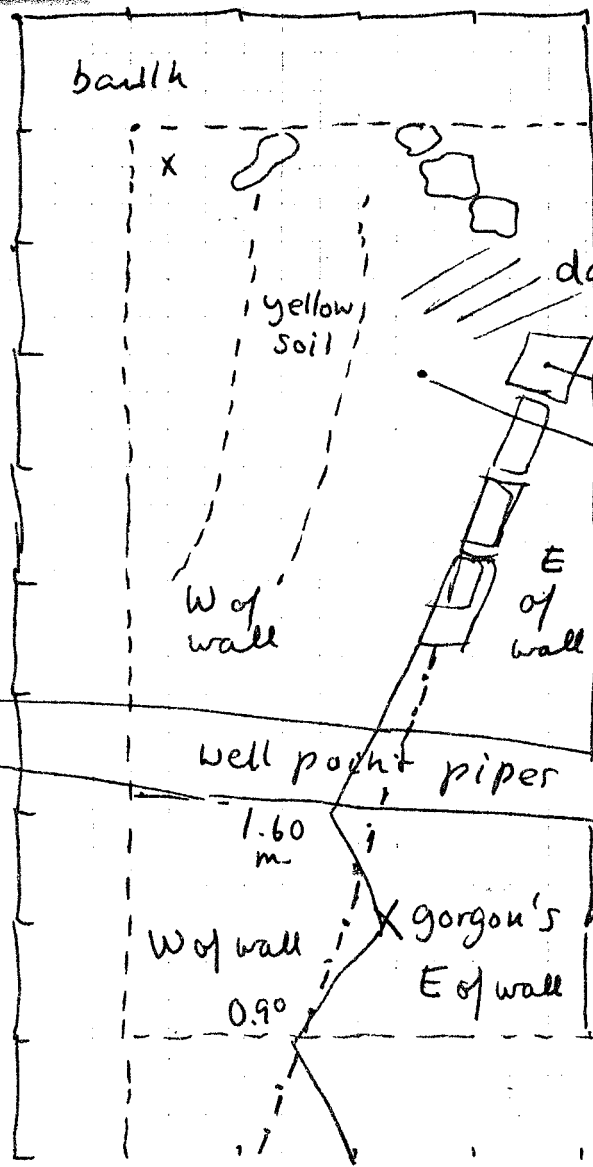
8←

9←

N'-5

N'-5

0'-5



batt. 2 ends with a thin layer of yellowish soil, which is then replaced by dark soil from which a ~~carbon~~^{Soil} sample was taken

FOR SOIL SAMPLE of. p. 75. PZ 77.709 SS

0'-5

PZ 77.934 P

PZ 77.936 P

PZ 77.949 P

excavated together with N'-5 a natural division was made between the northern part of M'-5 and 0'-5 and the southern part, with the well-point pipes forming the dividing line.

The material was further separated by W of the wall and E of the wall (wherever there is no distinction in the label, the Western section is intended).

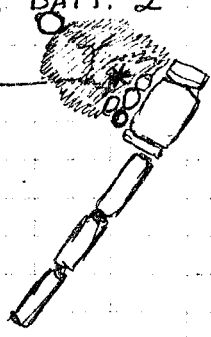
The same division was made in the southern part of 0'-5, which was formed by an arbitrary line of the wall.

The square was excavated by battaras - it should, however, be noted that different parts of the square were excavated at diff. times - hence batt. 2, 3 and 4 could occur simultaneously within the square.

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— POSITION OF SOIL SAMPLE —
NI - 5 LEVEL 5, BATT. 2

AREA OF
BLACK SOIL



* = POSITION OF SAMPLE

N¹-5 LEVEL 5, BATT. 2 - SOIL SAMPLE 77-70955

BLACK CLAY IN BROWN CLAY W/STREAKS OF RED SAND.

SAMPLE LOCATED 0.50m. WEST OF WALL (from large rectangular block at north end of wall. ACTUAL LEVEL OF SAMPLE = -9.33 m., and sample area was c. 0.35 m. below base of stone cited above.

However the position of rest of wall is such that soil can be associated with wall. Purpose of sample: To determine whether soil is black due to presence of fire or due to other chemical properties.

76

N'-5



level 5, batt. 3

excav. depth from top of
batt. 1.75 m.

bank

TC fig.

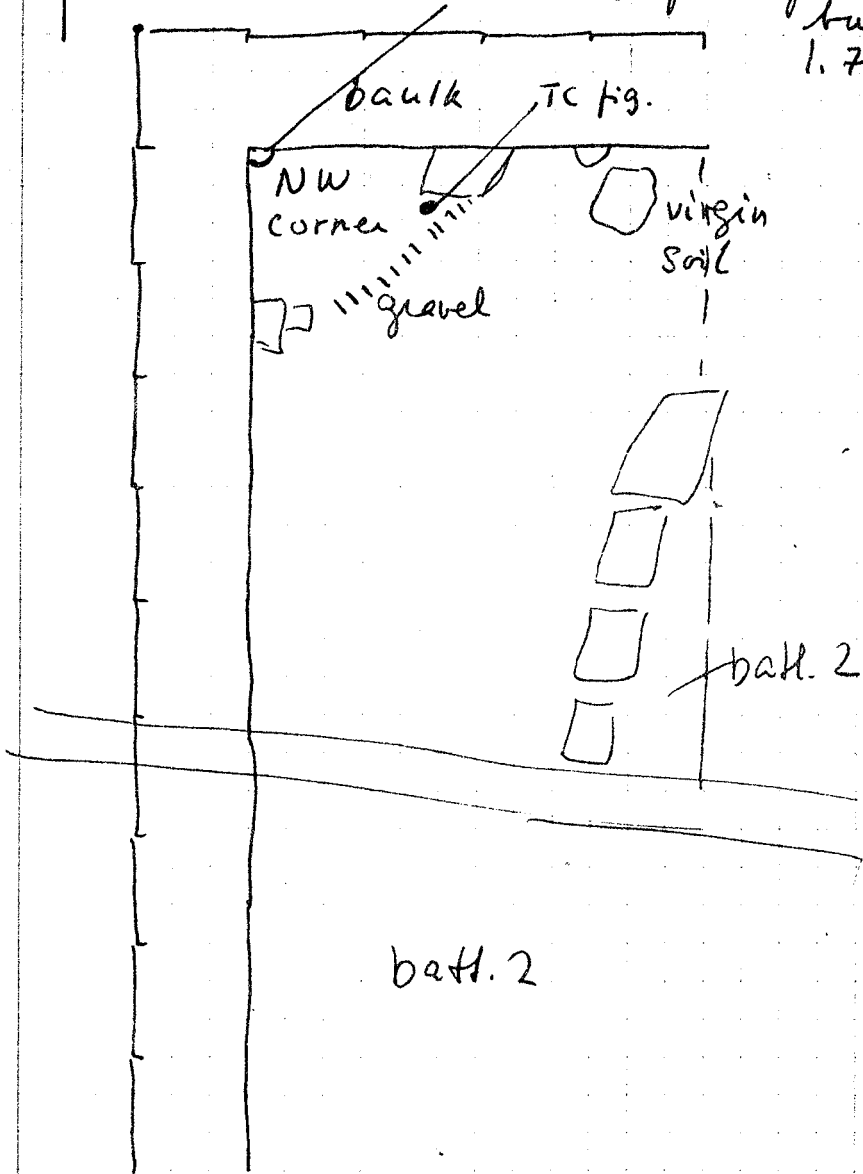
NW
corner

virgin
soil

gravel

batt. 2

batt. 2



Tuesday July 5, 1977

N'-S, level 5, batt. 3 PZ 77.975 P

finds concentrated in NW corner:

PZ 77.731 T votive head

min. vase w. handles

min. vase without handles

FOR CARBON SAMPLE OF P. 83. PZ 77.724 SS

loom weight PZ 77.974 T

6th cent. pottery PZ 77.730 P

N'-S, O'-S level 5, batt. 4

purpose: to define extent of virgin soil (which appeared in N.E. corner of batt. 3) and black soil (N.W. corner)

black leary soil - lighter shade in between (corresponds to that of batt. 2)

PZ 77.743 P PZ 77.973 P

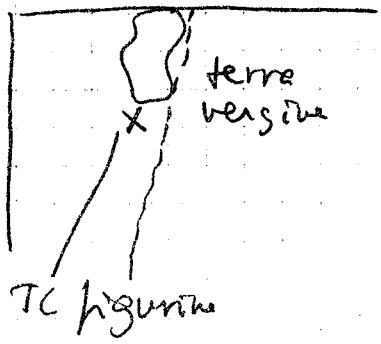
PZ 77.729 P finds: few sherds compared to batt. 3

PZ 77.728 T NW corner: miniature vase

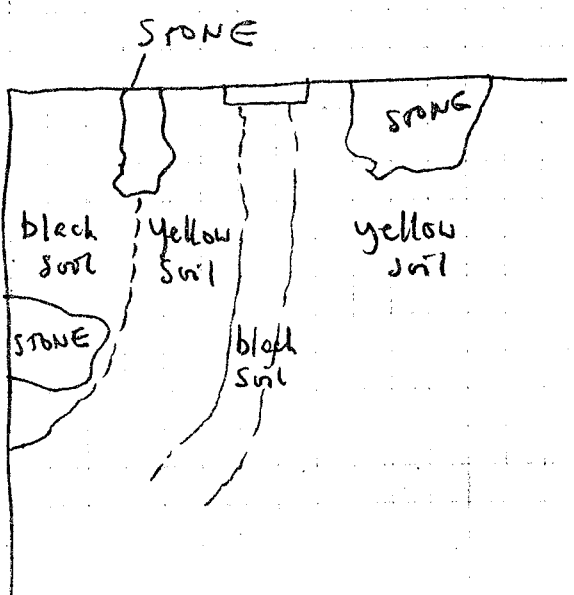
PZ 77.725 T complete TC female figurine
depth from baulk 2.0 m.
1107 from stake in N'-6)

N1-S NW corner level 5, batt. 4

N
↑



N1-S NW corner level 5, batt. 5



at the end of batt. 4, three
vee-grooves appeared in a
N-S line with black soil
on either side - the surface
was cleaned and photo-
graphed.

level 5, batt. 5

again concentration of good
6th cent. material in NW
corner - miniature vases,
rims and bases of others.

0'-5 level 5, batt. 3 S level,
E of wall PZ 77.965 P

find: bronze shigil
PZ 77.735 M.

PZ 77.966 P

PZ 77.967 P

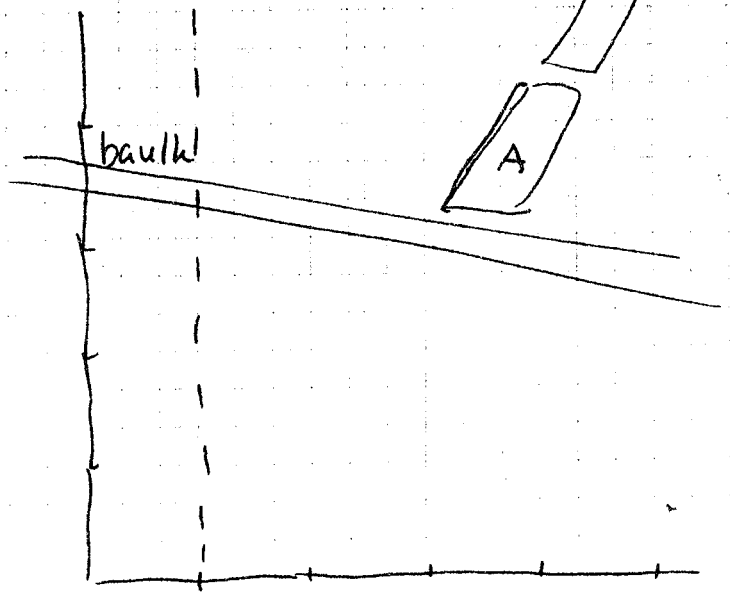
PZ 77.968 P

80

0'-5

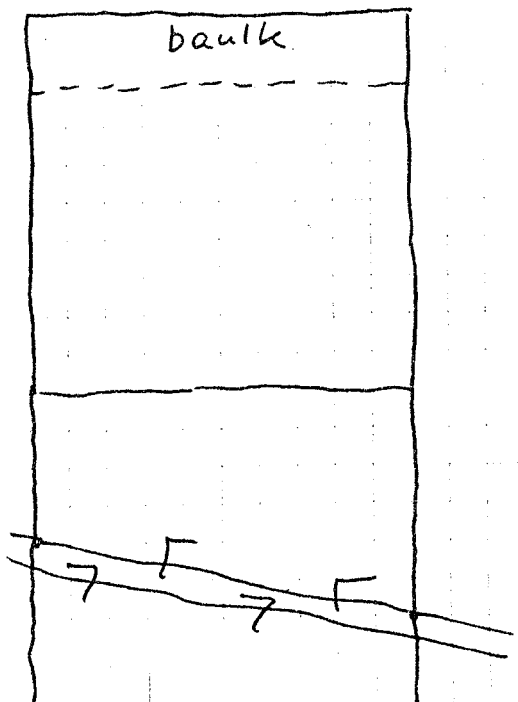
level 5, ball. 5

pipe



N'-6, 0'-6

level 4
ball. 1



0'-5 level 5, batt. 5 PZ 77.969P
 PZ 77.970P PZ 77.971P PZ 77.972P

lower end of conglomerate
 block (A) visible in this
 battuta. depth from to
 surface of block: 0.60 m.

all battutas in level five
 of N'-5 and 0'-5 contained
 coarse ware and fine 6th
 cent. ware. few tiles. con-
 centration of small cups in
 NW area of N'-5.

N'-6, 0'-6

work started in 0'-6, working
 from N of pump pipes.

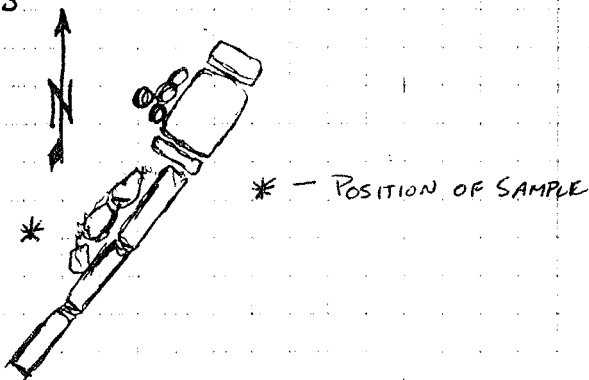
level 4, batt. 1 corresponds
 to the 2d (lower) tile fall
 outlined in the section
 drawn by RMG. This battuta
 contains the bottom layer
 of the tile fall. It corresponds
 to the level 4 in N'-5, 0'-5.

PZ 77.962P coarse pottery PZ 77.964P

PZ 77.744P small (miniature) unguentarium

PZ 77.963T

— POSITION OF CARBON SAMPLE —
N¹-5. LEVEL 5, BATT. 3



77-72455

N'-5 LEVEL 5, BATT. 3 - CARBON SAMPLE

REMAINS OF SEVERAL CHARCOAL LIMBS FOUND C. 0.90 m.
WEST OF WALL IN A DARK BLUISH-GRAY CLAY MATRIX
WITH SOME STREAKS OF REDDISH SAND. ROOTLETS PRESENT.
ACTUAL LEVEL OF SAMPLE = -9.44 m. CHARCOAL
IN POSITION WHICH ASSOCIATES IT WITH THE WALL.

M'-2, N'-2 CLEANING OF AREA SOUTH OF WALL A
LEVEL 3 (= level above visible fieldstone pavement.)

TILE FALL C. 0.20 m. below fieldstone wall A.

FEW SHERDS

AREA WAS BROUGHT DOWN TO THE LEVEL OF THE
FIELDSTONE PAVEMENT AND OTHER 6TH C. FEATURES
IN N'-2, THE OPERATION CONSISTED OF SIX
BATT. POTTERY FINDS WERE SMALL IN ALL BATT.,
HOWEVER 5 AND 6 CONTAINED A GREATER NUMBER
OF SHERDS THAN THE OTHERS. MATERIAL WAS
GREEK: primarily coarseware with some
black glaze. NOTICEABLE FEATURE OF SECTION
IN BULK IS A HEAVY TILE FALL.
CLEANING WAS CONTINUED IN N'-2 MOVING
EASTWARD IN AN AREA WHICH HAS BEEN DRIED
BY THE PUMPING SYSTEM.

77-957P77-958P77-959P77-960P77-961P

O'-5 SOUTH END, WEST OF WALL, LEVEL 5, BATT. 5 -
CARBON SAMPLE PZ 77.73455

LARGE LIMB IN BLUISH-GRAY CLAY MATRIX. LIMB WAS
C. 0.40 m. X 0.12 m. FOUND IN AREA BETWEEN LARGE
WORKED STONES LEFT IN SITU FROM AN EARLIER
BATT. ACTUAL LEVEL: -9.69 m.

Wednesday July 6, 1977

Pump system broke down last evening, and the trenches filled up quickly - esp. N'-5 and O'-5. While Giuseppe di Tarcant and Cosimo were checking the motor, work was continued in three areas - all day

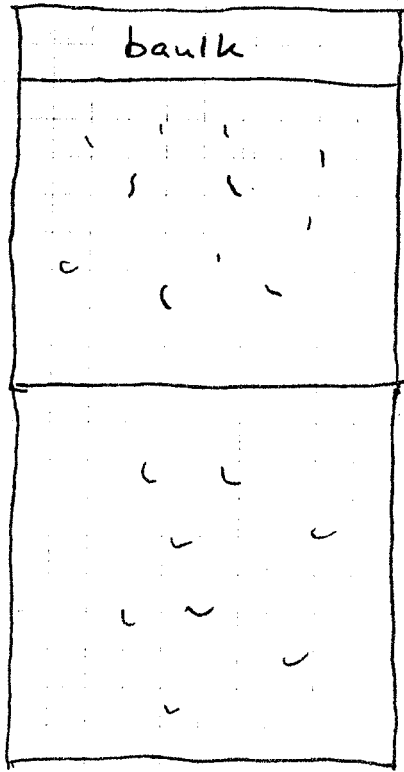
M'-4, M'-3

continued cleaning of wall 5' and wall E. Some of the surrounding tile fall was lifted (carefully) in order to establish the relation between these two walls. Unfortunately wall 5' is very poorly preserved, except for the block in the area of walls F and H. Wall E has a clearly defined cover (see above, p. 68) which, however, does not line up with wall 5'. The N-5 part of wall E is very shallow?

N-7, O-7

levels 2 + 3

no architectural features



N'-7, O'-7

(above, p. 53)

Level 2, batt. 4 cont'd
(above level of tile fall in
N'-6, see section)

Findings:

PZ 77.758
H bronze ring (small piece
missing), 5 end of square
few tiles

lump of metal iron? lead?

PZ 77.986T } (small round loom weight w.
one hole

} (large round loom weight
with hole in center

PZ 77.985T large TC 'knob' + fragment
of another

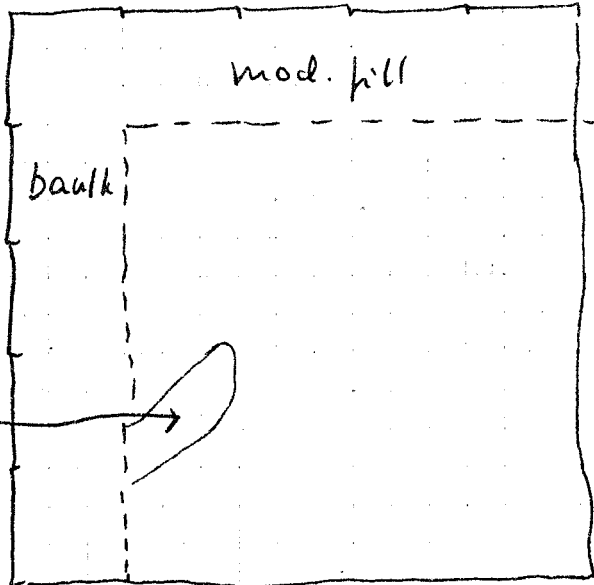
few bones

round loom weight w. 2 holes

PZ 77.984P very little pottery

M'-5

level 3, Galt. 2



level 2

Level 3, batt. 1

although the tiles are not numerous, this battuta seems to correspond with the level 3 (below tile fall #1) in N'-6

Finds:

coarse ware

pithos rim

round disk w. knob PZ 77.754P

bone paws

iron nail PZ 77.772M

M'-5

work cont'd in this square at level of big stones (see notebook PZ ZICA 1966-1977, p. 179)

Level 3, batt. 2

PZ 77.976P tiles and gravel

Finds:

PZ 77.755T TC column casing, fluted

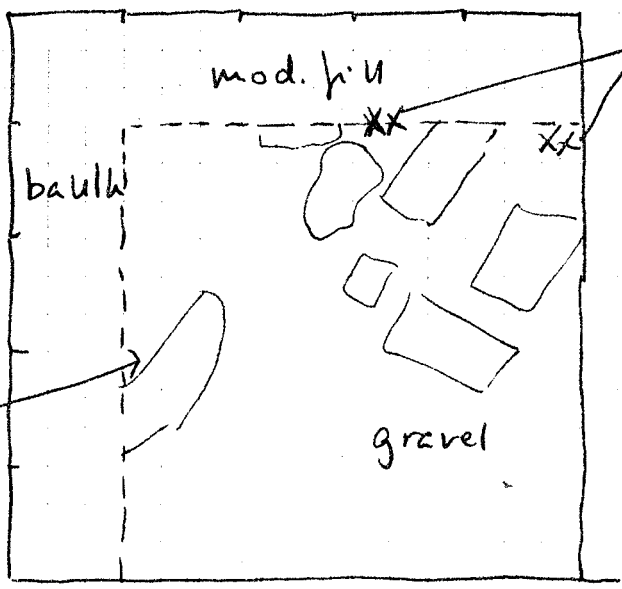
PZ 77.753T large TC block with cylindrical hole (don post?)

PZ 77.757TC Column casing (a rim?)

PZ 77.756 iron frags.

M'-5

level 3 ball. 2



tiles

mod. pit

balk

gravel

pocket of
statuettes

see contact ⁹⁷
sheet for
4/7/77

Thursday July 7, 1977

A busy day - work cont'd in three areas, while the areas already excavated were scrubbed and polished by Jack.

M'-5

level 3, batt. 2 cont'd from yesterday - hard soil, many small stones

Finds:

PZ 77.980 P small bag of sherds

PZ 77.981 T 1 small statuette frag.

photographs taken to show location of fallen blocks.

level 3, batt. 3 still gravel and hard soil, esp. in E half of square

Finds:

PZ 77.983 P sherds - red coarse ware

PZ 77.773 T statuette frags. (N of large

PZ 77.987 T stone in W baulk) including one head

M' - 5level 3, batt. 4Finds:

PZ 77. 1011 P few sherds

PZ 77. 774 T statuette frags.

PZ 77. 1012 P

N' - 7, O' - 7level 3, batt. 1 cont'd from
yesterdayFinds: bones PZ 77. 994 B

PZ 77. 988 P coarse ware

iron nail PZ 77. 995 M

N¹-6, 0'-6

level 4, batt. 1 cont'd from
July '5 (above, p. 81)

Finds: PZ 77-1007 P

coarse ware in abundance

(statuette frag. ca. 25

PZ 77.786T } female votive head

satyr's head ('soceter')

PZ 77.785T round form weight w. 2
holes. broken

level 5 (defined by correlation
w. N¹-5, 0'-5, where the
large blocks constitute level
4. Level 5 is consequently
below the upper surface
of these blocks)

batt. 1

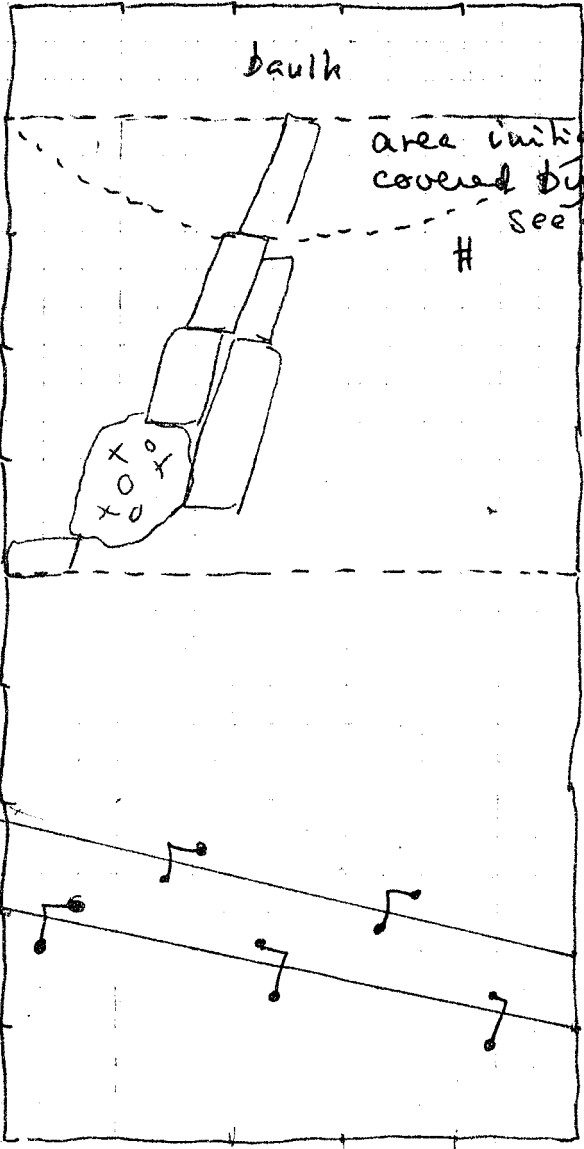
Finds:

PZ 77.1008^P again much pottery - mostly
PZ 77-1010^P coarse ware and red ware

few painted sherds and
bases (4th cent.)

N'-6

level 5 ball. 1



area initially covered by 'testimonio'
see drawing by RNC

O'-6

pipes

PZ 77. 789 Mech of tall jar

hollow 'knob' or 'base' w.
thick sides

PZ 77. 788T } scenery statuette pop
} fragmentary male votive head
(S. Gimbernye Vecchio
ecc. to Emanuele)

in this battuta 2 large square blocks appeared in the W end of the square. They continue the line of the wall in N'-S, O'-S to the north. The edge of a third block appears to the right of the second block.

Between this set of blocks and the ones previously uncovered, there is a depression with fragments of vases and tiles (photographed while work was in progress. this area needs to be cleared further).

It became painfully obvious that the wall (or line of the wall) continues north towards square M'-6. The bulk in N'-6 which had been left as a 'testimonio'

of the tile falls and related levels thus had to be removed.

The finds are recorded separately as N'-6 'testimonio' Level 3 (1 below tile fall #1 see section) and level 4 (below tile fall #2).

N'-6 'testimonio'

Level 3, batt. 1

Finds: PZ 77.977P

PZ 77.776P round disk w. relief design

PZ 77.777T female votive head statuette frag.

PZ 77.778T round loomweight w. 2 holes

PZ 77.775ITC column casing

rectangular piece of iron w. knob in center
PZ 77.779M + 2 cylindrical iron frags

Level 3, batt. 2

Finds: PZ 77.979 P

PZ 77.780T statuette frags, including
head

PZ 77.781T loom weight

Note a few round field
stones in this batt. - no
architectural function, though.

Level 4, batt. 1 (below 2d tile
fall)

Finds: PZ 77.783 T

PZ 77.784T male rovine head

CARBON SAMPLE -

PZ 77.782 LARGE FRAGMENTED LMB, c. 0.06 x 0.04 m. in dark
SS brown sandy clay. Rootlets present. Associated
with large stones and fragments of tiles and
pottery. Actual level = - 8.91 m.

N'-6 'testimonio'

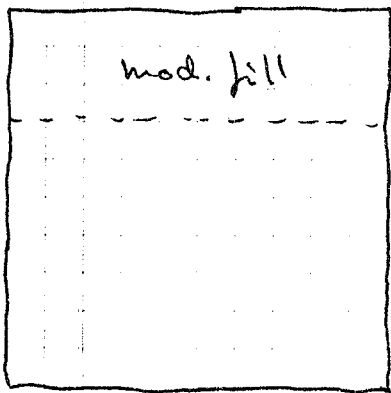
level 5, batt. 1 (below
upper surface of large
stones in N'-5) PZ 77.1006P

in the lower part of the
batt. another large stone
appeared, on its side and
in line w. the others.

Finds:

PZ 77.787T statuette frags.

M-6

level 2, batt. 1

Friday July 8, 1977

M'-5

level 3, batt. 4 cont'd

Findels: PZ 77.1013 P

PZ 77.801 T votive head, other statuette frags.

column casing

M'-6

level 2, batt. 1

This level is equivalent to the level 2 in M'-5, described in PIZZICA 1976-1977, p. 179. The soil is very hard, and each batt. is shallower than in other areas.

Findels: PZ 77.1026 P PZ 77.1027 M

PZ 77.803 T round loom weight w. 2 holes

lump of iron PZ 77.802 M

PZ 77.803 T worn loom weight

PZ 77.803 T fragment of loom weight w. 2 holes

- 1) pyramidal
- 2) figure 8 - one hole
- 3) round - two holes
- 4) round - two holes
- 5) round - three holes

cleaning of walls

L' - 3

corner of wall i and i'

level 3 - tile fall around walls

golden stones and part of heavy
tile fall lifted

it seems that wall i' has shifted
from the pressure of the earth.
since the northern part is well
preserved, whereas the southern
edge tilts downwards.

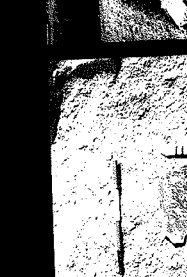
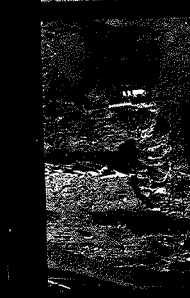
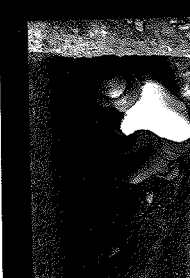
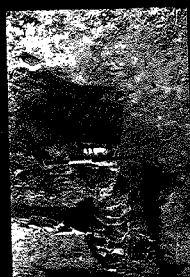
conglomerate blocks and cluster
of field stones at southern end
do not seem to be part of wall

pathey: black glaze

PZ 77 923P red ware

July

7, 77



2 3 4

7
PZ 1976-1977 refers to the earlier notebook for Pizjica, canal area.

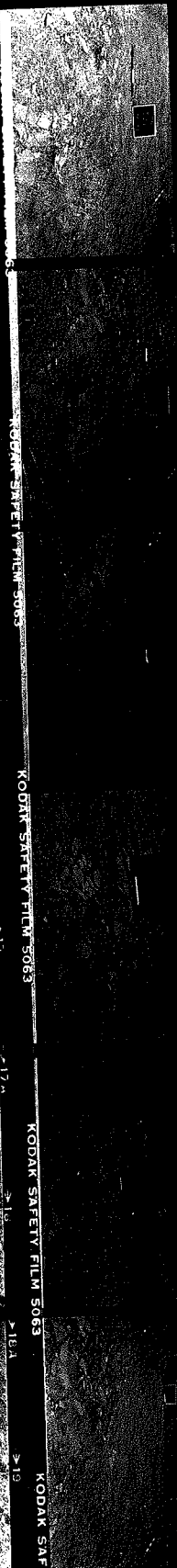
In cases where areas were excavated at different times, the stratigraphical sequence should be correlated with the dates of excavation. This is especially true for level 3 in the squares where walls were cleaned. Since level 3 usually designates a level with several battinas (more like 'scrapings') there should probably be made a distinction between an upper and lower segment of this level (note 9 July 1977).

→ 2 → 2A → 3 → 3A → 4 → 4A → 5 → 5A → KODAK SAFETY FILM 5063

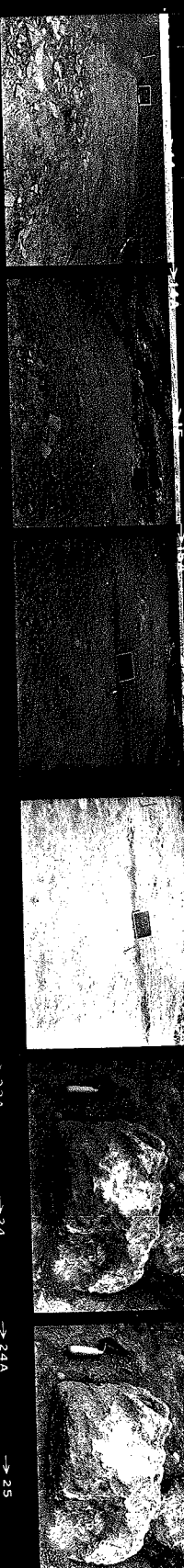
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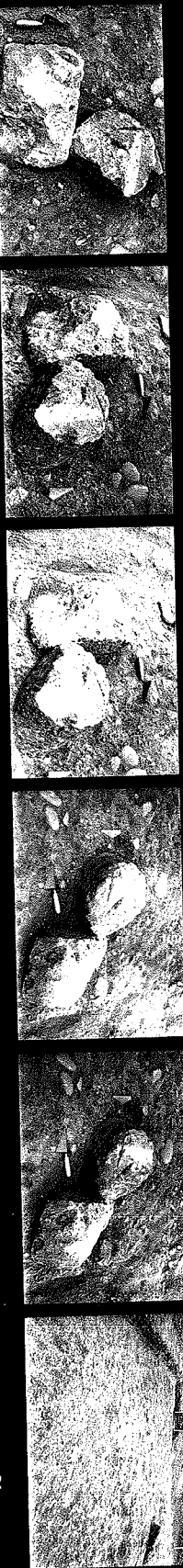
→ 7A → 8 → 8A → 9 → 9A → 10 → 10A → 11 → 11A → 12 → 12A → 13 → KODAK SAFETY FILM 5063



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→ 19A → 20 → 20A → 21A → 22 → 22A → 23 → 23A → 24 → 24A → KODAK SAFETY FILM 5063



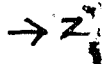
→ 25A → 26 → 26A → 27 → 27A → 28 → 28A → 29 → 29A → 30 → 30A → 31 → KODAK SAFETY FILM 5063



5/31/77

Level 1 (-7.56) M-3

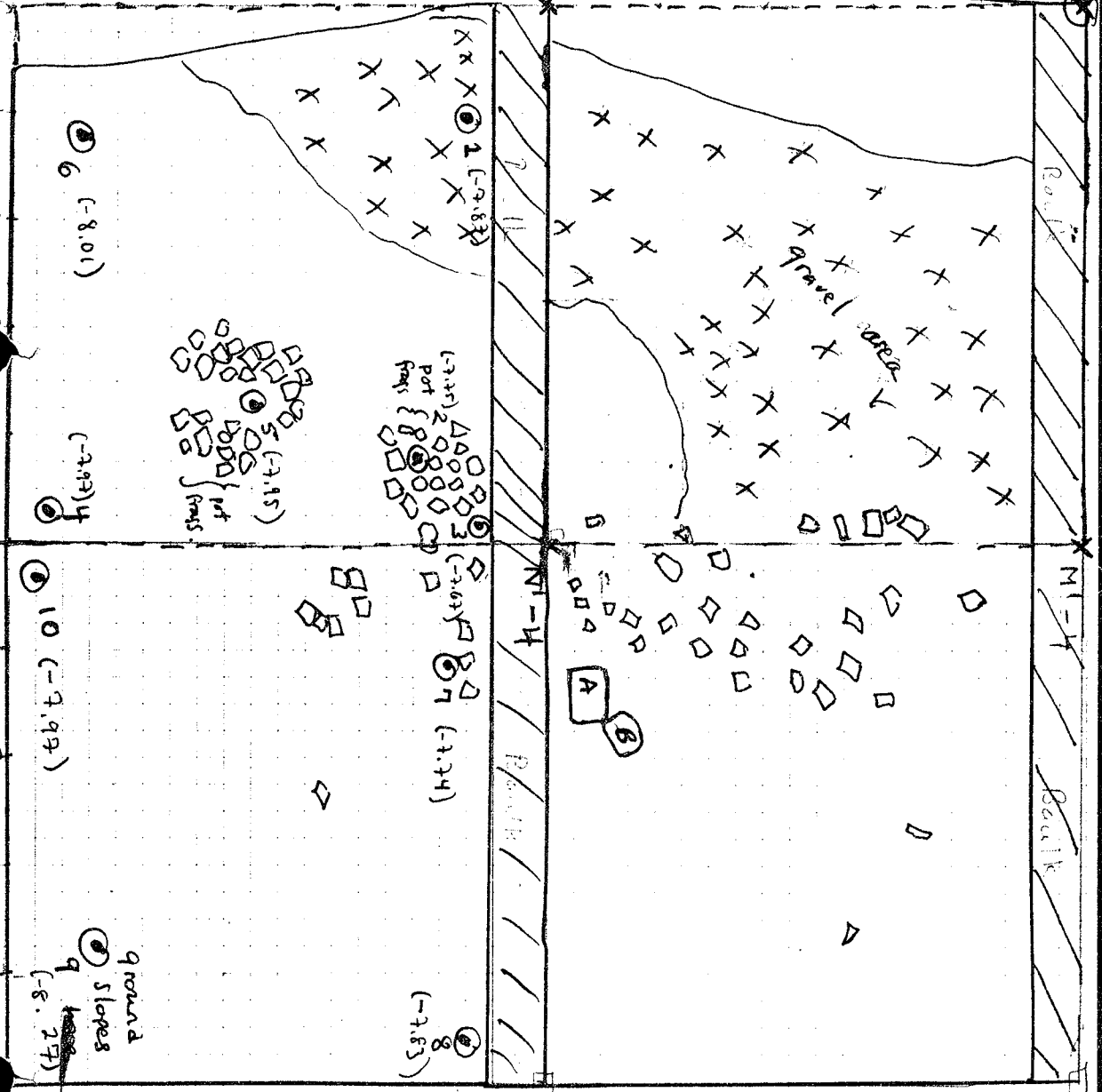
1:25 N



Also dotted lines = boundaries of squares
Survey
solid lines = boundaries of areas actually excavated

numbers refer to elevations from

(-7.21) M-3 (12)



M-5 drawings #

N¹⁻⁵
drawings #1
#2
#3
#4

CANAL AREA 1977.

NOTE elevations are from N¹⁻⁷ (C-6.46) 131 with ref # to plan sheet boards - the (6-174 #1)

Work in this area began on Friday May 27 1977. On that day, a 10 M square area east of the previous excavations was cleaned + excavation began in the first of the 4 5 M squares. This area (see diagram) is identified by the following squares (from N to S) M¹⁻³, M¹⁻⁴, M¹⁻³, M¹⁻⁴, M¹⁻³.

The area was cleaned + surface finds collected. These finds contained a proportionately large amount of silt ceramic material. After the area was cleaned, excavated ~~rectangular~~ ~~irregular~~ area 4 x 5 x 4.5 x 6 was excavated at the west end the ledge of a 50 cm baulk at the north. This area Level 1 was excavated for convenience.

Level 1 soil in M¹⁻³ was dry + hard, medium-dark brown in color + filled with small smooth river stones + ceramic tile fragments. Finds were few + included in addition to coarseware, grey ware, + black slip fragments, and a handle in addition to plastic rammed head of tile and pottery in situ. In the NE quadrant as the level 3 deposits of tile and pottery in situ. Level 1 is defined as the level above + around the tile deposits.

P2 454M The next square, N¹⁻⁴, to the west was excavated (4.5 x 5, because P2 453P of N baulk). In this square was a similar soil, a mixture of P2 465P pottery types similar to that found in M¹⁻³. Small find = a nail. P2 460T in the NE quadrant as the level 3 deposits but otherwise there were no large deposits but only in the NE.

The next square to the NW, M¹⁻³ was begun. (Area 4 x 5.1 a trough a slightly larger area was excavated to the west where last year's excavation stopped + including N + S baulk of 50 cm). The soil here seems slightly less hard than in the southern squares + is full of small sparsely - stones such as were noted in M¹⁻³, but perhaps of a greater degree. It contains the same type of ceramic mix - silt ceramic. More that a nail. A small circle 8.5 cm diameter was found in level 1. P2 454M P2 453P P2 452T P2 453P

drawing #4

The Square West ^{part} M-3 M-4 was excavated. Level 1 contained the same type of ceramic mix, the small spawelly stones are found in the west of the square but are not found to the same degree in the east. At the extreme NE + N a wedge shaped area of orange soil is seen. Finds here include a figure of a shared loam weight. At 1.20 3-40 x 70 N-S were found a shared drum fragments. The measurements that can be made while they are in situ are: CD. Drum A: diam: 50 cm length: 30 cm

CD Drum B: Diam: 40 cm ht: 25 cm

These drums are made of fine limestone. A plug mark is visible on the top of column drum B.

It is to be noted that the ground slopes from the North to the south in this 10m area. Therefore in squares M1-3 and M1-4, the tile fall in this area is higher level than in M1-3 and M1-4. The tile fall in this area is for planting slatly NW + S. Towards the east, the number of tiles + slavel is significantly heavy in the NW. The gravel area is fairly uniform through especially heavy in the NW. If square M1-3; note that column around fragments are included in this diagonal ship of tiles + p. They. Perhaps this gravel area that is to the east of the tile fall can be attributed to a flood of the area which brought stones and ceramic types might also be attributed to the mixture of which brought the Ranca material down the hillside.

Note also that the column drum fragments are mostly of other masonry fragments discovered in the previous season.

PZ 77 461 T
PZ 77 462 P

Level 1 finished
May 31

6/6/77



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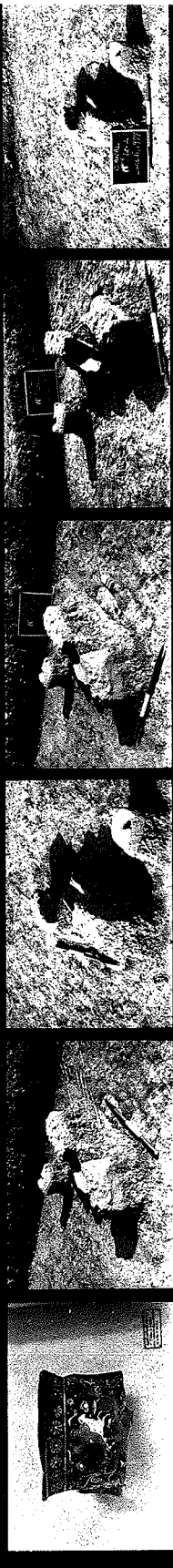
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→ 2 → 3 → 4 → 4A → 5 → 5A → 6



→ 25 → 25A

→ 26 → 26A

→ 27 → 27A

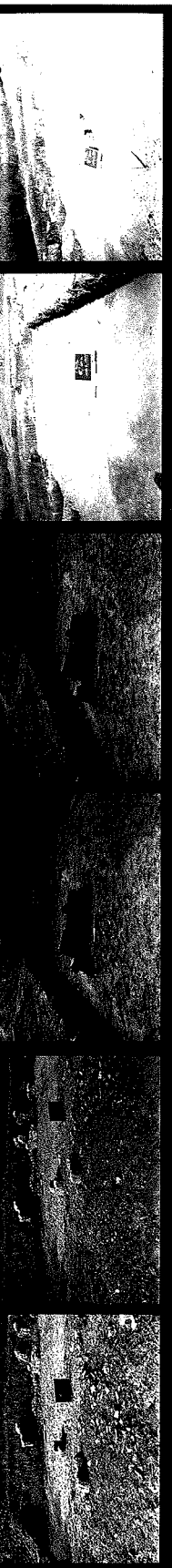
→ 28 → 28A

→ 29 → 29A

→ 30 → 30A

→ 31 → 31A

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N¹⁻³

N¹⁻⁴

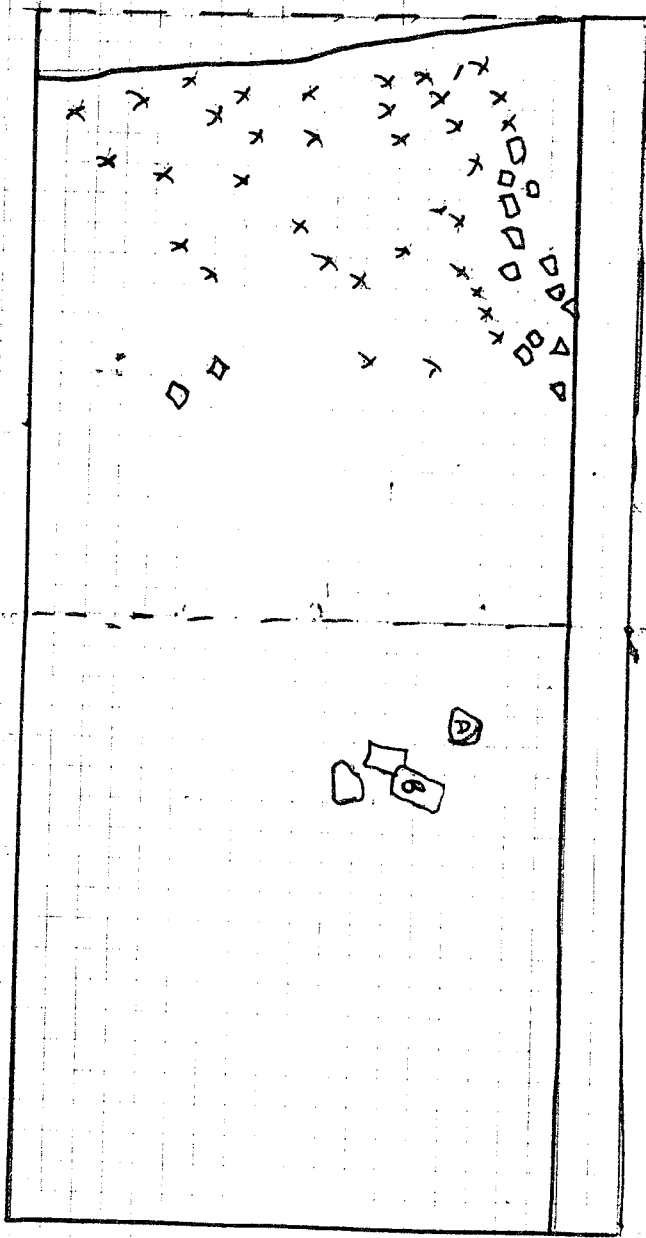
Level 2



N¹⁻³

N¹⁻⁴

A-134



drawing #5

drawing #6

N1-3 N1-4 Level 2.

drawing #5

N1-3
 After excavating level 1 of the 10m square area, level 2 was excavated in N1-3 + N1-4, level 2 is defined as the level under the tile fall in N1-3, N1-4 + N1-3 + N1-4. The soil is a dense + lighter brown. The pottery finds from N1-3 are numerous + include gray ware + coarseware. ~~From N1-3~~ Pottery is more numerous in this level than in level 1. The tile fall in N1-3 has the same area noted in level 1. West of the tile fall composed of a thin gravel layer under which is a layer with much less gravel. However, the soil matrix appears to be the same. This gravel layer, as noted in level 1, does not extend to the tile fall or under it.

~~of fine to~~ The material in level 2 found under the tile was collected separately. Several reusable coarseware bowls were found.

PZ 77458P level 2 finds have a distinctly casalinghi track to them - coarseware vessels, PZ 438T lamurewitz, a shaver fragment.

PZ 490P PZ 77455T lamp fragment - level 2. Also a nice red-figure rosette fragment. (gravel - Kellenhake)

PZ 491D ht. of level 2 from N1-3 = -7.41 PZ 506T PZ 477P
 PZ 492M PZ 503P ~~PZ 504T~~
 PZ 493T PZ 494P PZ 504T PZ 508P
 PZ 505T PZ 498T

N1-4 - level 2 here as in N1-3 is defined as the level under the tiles found in both squares.

Circa 60 cm west of N1-4 stake were found a small cluster of architectural fragments - a small rectangular block A 20 x 25 cm, block B, 39 x 20, a large tile (35cm) and a fragment of what appears to be masonry. The fragments are not in use with the 39 cm long column fragments found in level 1, N1-4, but are near them, through to the south + probably are associated with the same building which collapsed.

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drawing #6

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6 / 7-8/77



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→ 7

KODAK SAFETY FILM 5063



→ 6

KODAK SAFETY FILM 5063



→ 5A

KODAK SAFETY FILM 5063



→ 4A

KODAK SAFETY FILM 5063



→ 4

KODAK SAFETY FILM 5063



→ 3A

KODAK SAFETY FILM 5063



→ 2A

KODAK SAFETY FILM 5063

→ 7A

→ 6A

→ 5

→ 4

→ 3A

→ 2A



→ 13A

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→ 12

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→ 11

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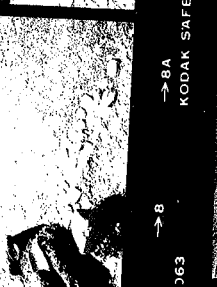
→ 10A

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→ 9A

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→ 8A

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→ 14A

KODAK SAFETY FILM 5063

→ 13

→ 12

→ 11

→ 10A

→ 9A

→ 8A

→ 14A



→ 15

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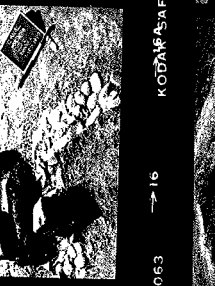
→ 17A

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→ 16

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→ 21A

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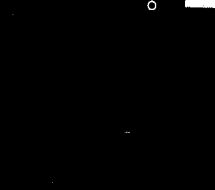
→ 20A

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→ 20

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→ 25A

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→ 15

→ 17A

→ 16

→ 21A

→ 20A

→ 20

→ 25A



→ 25

KODAK SAFETY FILM 5063



→ 25A

KODAK SAFETY FILM 5063



→ 35A

KODAK SAFETY FILM 5063



→ 34A

KODAK SAFETY FILM 5063



→ 33A

KODAK SAFETY FILM 5063



→ 32A

KODAK SAFETY FILM 5063



→ 36A

KODAK SAFETY FILM 5063

→ 25

→ 25A

→ 35A

→ 34A

→ 33A

→ 32A

→ 36A



→ 36

KODAK SAFETY FILM 5063



→ 36A

KODAK SAFETY FILM 5063



→ 35

KODAK SAFETY FILM 5063



→ 34

KODAK SAFETY FILM 5063



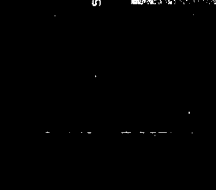
→ 33

KODAK SAFETY FILM 5063



→ 32

KODAK SAFETY FILM 5063



→ 36A

KODAK SAFETY FILM 5063

→ 36

→ 36A

→ 35

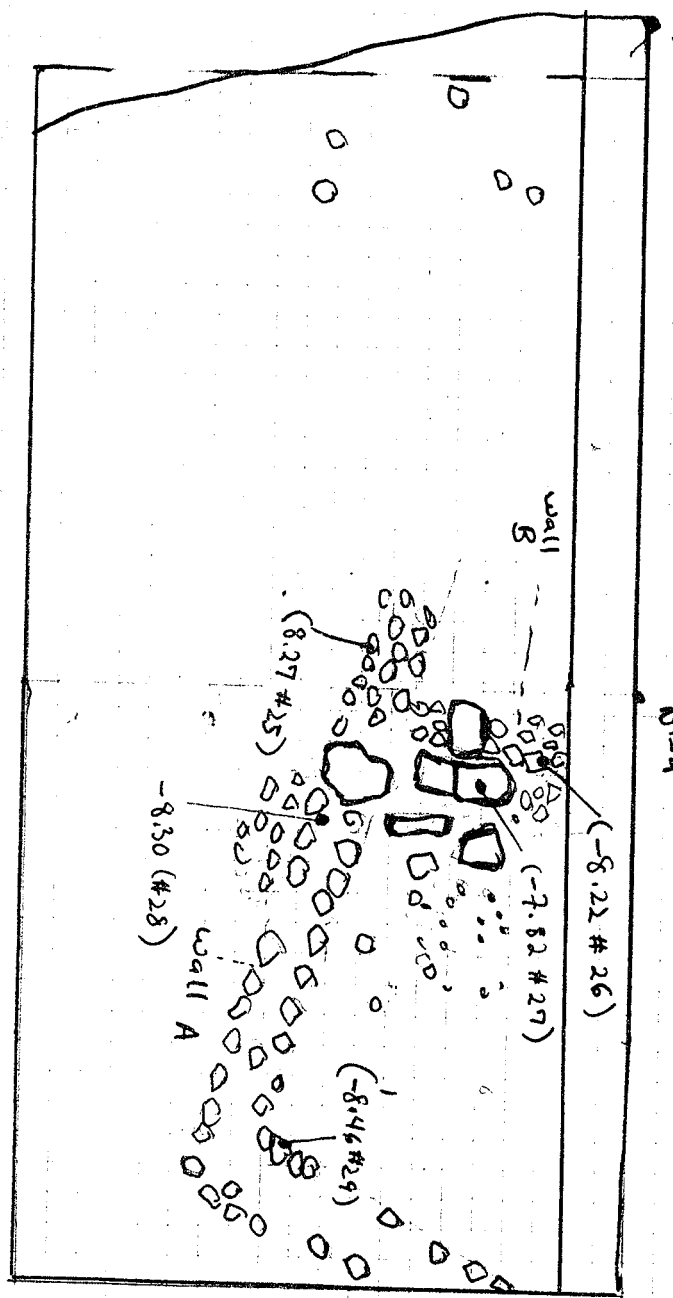
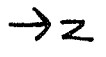
→ 34

→ 33

→ 32

→ 36A

N¹-3 + N¹-4
level 2 Bathata 2 N¹-3



n.b. in heavy cutline see the masonry fragments found in level 2

drawing
#17

1941.05

A-136

N¹-4 level 2.

PZ 47255

137

Also near this complex, fragments of charcoal, samples of which were saved.

PZ 470P In the ceramic material from level 2: concretion, black slip bases, 1 reg ware.
PZ 4718 (numerous fragments) PZ 474P
PZ 483P Also small TC head of Stabette PZ 473T

PZ 469P Fragment of Terra sigillata (Arnhem?) Stamped GNAPLEI
VANPANA

PZ 467T Lamp fragment (Roman)
PZ 468T 1cm weight.

Note that level 2 is a deep level, ranging from 20 cm at the east to c. 50 cm at the west.

Since the soil of ~~level 2~~ remains the same and since no features except for the fallen ~~of these~~ masonry fragments are visible level 2 is considered to continue. However, the finds from this level are called for level 2. Bathuta 2, although Bathuta 1 was not identified as such.

N¹-4 level 2 Bathuta 2.

Bathuta 2 is not so deep as the first excavation of level 2, therefore there are fewer finds.

The tiles that were visible at the end of level 1 in N¹-3 + to some extent in N¹-4 are a tie fall as a perhaps part of a larger tile fall that can be seen in the levels but at a lower depth in the east than in the west. (See section of S-W bank; south face.)

Charcoal fragments found in level 2. Bath. 2 near the NE end.

A wall, called wall A was found in the S. 1/2 of the square. This wall is composed of feldstones + tiles, c. 38 cm in width + it runs SE-NW,

fragments of a Stabette found near the wall.

~~finds~~ Another wall, wall B, with tiles in situ and caked with ~~was~~ found I to wall A. ~~his~~ wall lies in phase some of the area ~~found~~

well C

drawn
H7

N1-4 lev. 2, Bath. 2.

Fragments found in level 2 perpendicular to A + heads North

P2 476P The material at the level of walls A + B was kept separate.
P2 486P P2 487T

Findings include
P2 479T Figure 8 limestone
P2 489M Black slate base
P2 509P Bronze strip

Wall B, like A, is perpendicular to tile. It is

Wall B, like A, is perpendicular to tile. It is

P2 480T Statuette fragment 40 cm west of wall A.
P2 481T Statuette fragment near wall A.

Wall C, at the extreme NE of the square also is perpendicular to wall A + is made of Feldstone + tile construction. Wall A seems to extend beyond its intersection with wall C + not to make a corner, it seems to have a small room bounded by C at the east and B at the west. In this room there are medium + small fieldstones at a level a few cm lower than the walls which seem to be a surface in the room.
There are also tiles in situ immediately south + touching adjacent to wall A. Patterns also a Feldstone + gravel surface (floor) in this small room
~~note it is a clear if wall A continues to pass on ends at the intersection~~

N1-3 lev. 2 Bath. 2.

in this Bath, the construction of wall A to the North. However, the wall disappears as it heads north except for a few faces.

Findings:

peraccha fragment of Sahr head (?) now western end

small bronze fragment found. P2 508M

P2 477P
477P

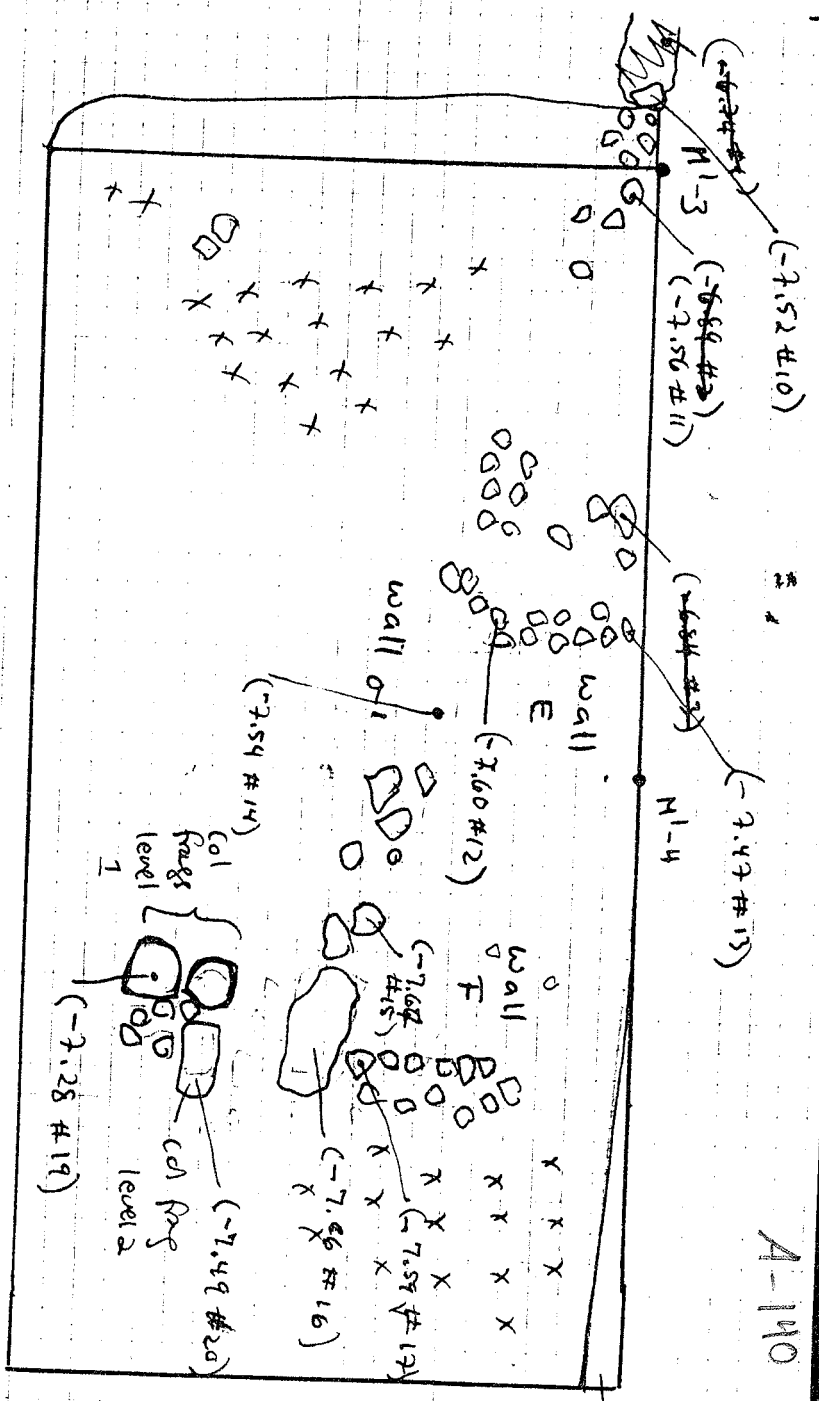
P2 478T material here seems mostly Greek.

P2 503P

material from the clearing of the villa N. Bath is saved separately.

drawing #8

M-3, M-4
level 2



A-140

drawing

H9

late Hgd
Chem

devising

#9

late Hsd
Chamber

N1-3, N1-4

level 2.

June 7, 8th 9

A-141

N1-3 level 2.

This level is the one under the gravel area found in level 1. level 2 soil - hard dry
light brown with some ceramic material + gravel in it.

In the NW a continuation of a NW-SE running wall found in 1936 frame, wall
signed (G-1) This wall is composed of tile + fieldstones as wall A but
also to have conglomerate rocks + water blocks. It seems slightly narrower
then walls A, B, C. But is parallel to wall A.

Also in fieldstone. This level is an area of gravel south of the wall G-1 + a few
large fieldstones.

~~In the middle wall~~ ~~perpendicular to the NE or a group of fieldstones~~
also make a wall perpendicular to G-1, called wall E, also of fieldstone
+ tile construction. There is also some a group of fieldstones east of wall E whose function
is not apparent.

PZ 498P

PZ 499P

Pottery - mixed - Siquem, black glaze.

Finds: Fragment of RF vase - feet (with c.?)

PZ 482P small pot almost complete in situ west of wall E, 55 cm s + 82 cm w
M1-4 pot - c. 8 cm high. coarseware flask.

PZ 485P 1/2 of small white bowl with red stripes inside. 5 cm in diameter.

M1-4 level a.

A-14B

In M1-3 level a is the level under the gravel. In M1-4 it is the level under the fall. In both instances it is of hard brown (light soil). level 2 is the M1-4 is deeper than in M1-3.

wall of continues SE in M1-4. Here it is composed of fieldstones + tiles + of

a late conglomerate block + perhaps a broken conglomerate block repaired with stones. (which appears to be perhaps the same wall as wall B.) levelled

perpendicular to wall of in M1-4 is another fieldstone + the wall, wall F running north.

In the NE of the square there is a gravel area except at the extreme NE where the yellow soil from a late water channel found in 1976 to the west can be seen.

Another column fragment, this time of on its side, just east of the two previously discussed, is found

P2775450 pottery from here - mixed.

Fields:

Lumwigen (more large # of lumwigen found in this area - also in suggests a house?)
P2775151
P2775467
This reason in the area

PZ 77 484 Small vehicle part found near N end. ht. 2cm. Black styre

Decorated RF fragment.

~~At~~ lead tube (7 cm long) PZ 77 517H

lead slug found in cleaning of 0'

PZ 77 517H iron object 14 cm long (catal?)

PZ 77 518T TC stakeholder - arm + hand 9 cm long. Found in extreme NE of level 2,

PZ 77 519H Bronze votive shield, small (see pictures for comparison)

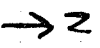
Bones
Slag PZ 77 514P

L1-3

L1-4

A-146

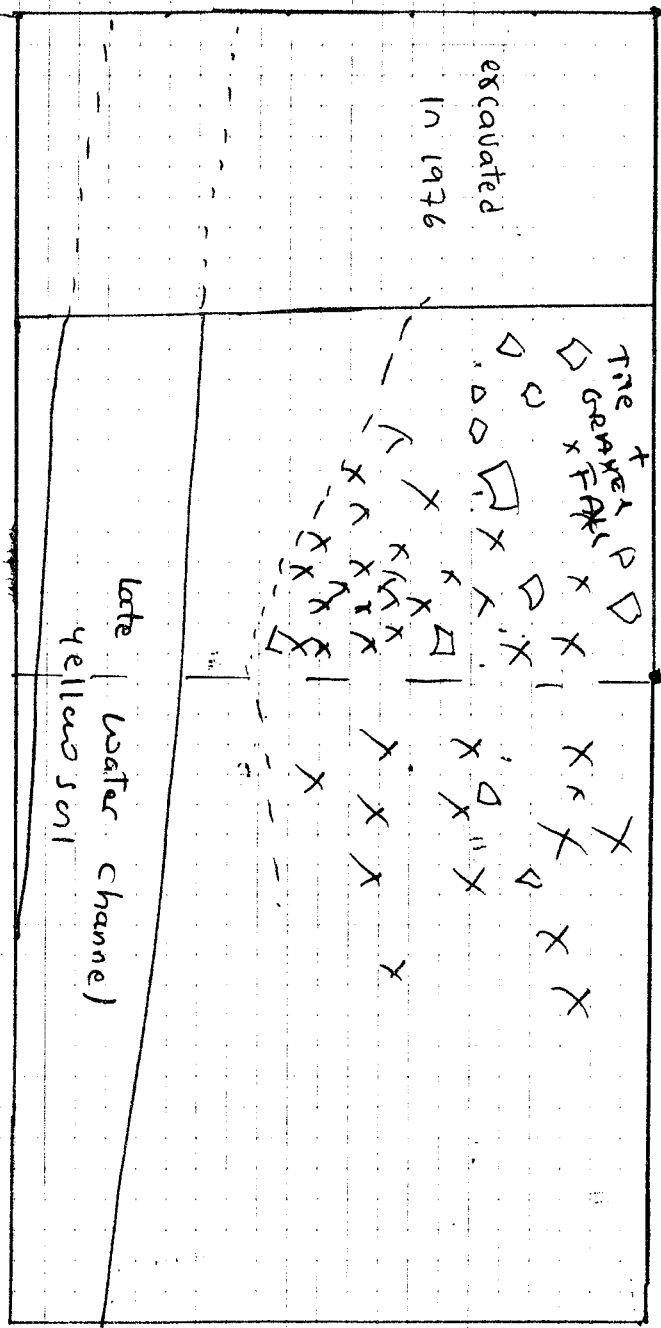
Level I



excavated
in 1976

THE
GRAVE
FAK

late
water channel
yellow soil



drawing 11

June 8, 9, 10

A-147

147

L1-3 eastern 1/2 L1-4 level 1, level 2.

L1-3 eastern 1/2

L1-3 eastern 1/2 of L1-3 is left excavated. The western 1/2 was excavated in 1936 (actually more than 1/2 of L1-3, 3.10 m x 5 m)

P2 779 530 P Level 1. - Dark brown earth with tiles, mixed material 531 P

The fall found in northern 1/2 of square which corresponds to the tile fall found in other quadrants of the area. (not very symmetrical tile fall)

In the south of the eastern 1/2 of L1-3 is found the yellow wall of the water channel noted in the north east of L1-4.

Level 2

The construction of wall 107a is found in the NW of the western 1/2 in 1936 was found. The wall runs NW-SE near the north end of east 1/2. It is composed of tile + heldstones, c. 40 cm in width. (note that in clearing of the dirt from part of 107a, a small wall running E-W to 107a, to the north seems to be built against wall, not a be bonded to it - but more excavation is needed. The emergence of this wall indicates the beginning of level 2 at level 2 is the level under the tile fall

Level 1 Finds: 532 P Furiform unventerium. (late iron-early 1st c) in north end.

Level 2

Level 2 Finds:
1. Roman coin - Tiberian found in the yellow soil of the water channel

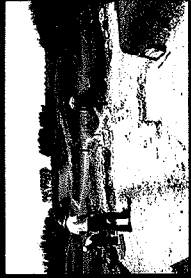
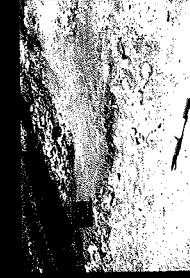
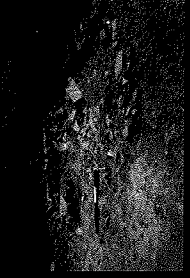
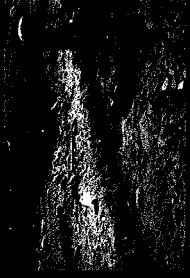
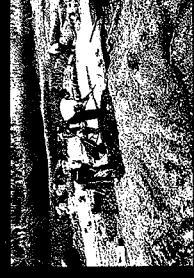
534 P
535 H
537 P

Fragment of terracotta figurine.

539

In the NW corner of L1-3 eastern 1/2 just N of wall C is a gravel surface which possibly indicates a floor, just at the level of the wall. (However, it is level 2)

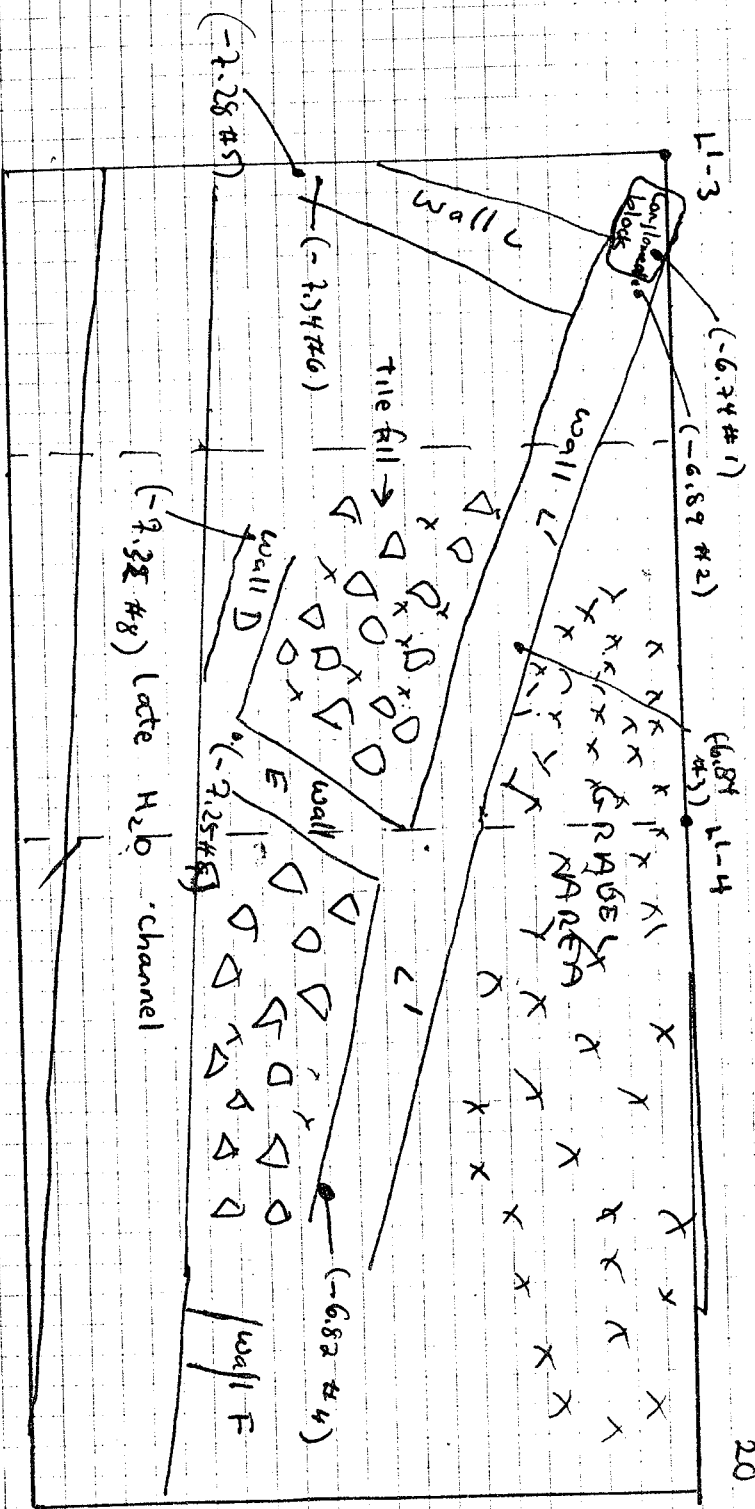
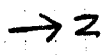
6/9/77



KODAK SAFETY FILM

L1-3, L1-4 Level 2

Drawing 122
20



necessary to understand the depth of the wall first. (I would very much doubt the validity of this observation now (June 26))

A-149

July 120
20

L1-4

Level I.

495P Dark earth except where the yellow channel comes through.
496T very deep layer, little material. cuts can run from top of bank at N.

539P Finds: 2 thin pieces of metal from a rounded shape.

543G

544H

L1-3

East 1/2 level 2. At the level of wall 10th' was found a heavy tile fill includes many almost complete tiles. Also another wall, Wall E which

is L to 10th' + also seems to be L to C' in M1-4 (although the water channel cuts through this, was found. Also of tile + held stone construction. Another wall D, parallel to 10th' and L to E was also found. If it is not clear of the intersection of D + E marks a corner and an end of it. D continues.

However the walls 10th', D + E make a small room within to which there was a large tile fall. Wall D does not run north-south with wall 10th' found in 1916 which runs north-south.

X
X
X
F
(24)

Drawing 28

L1-4 Level 2.

June 10, 13

A-151

Note that a tile fill alone a well was not found here or was found in other quadrants. Therefore in this level, level 2, begins at the level of the wall. However, since the amount of earth between the fall is relatively slight, we believe that level 2 can be laid to begin either at the beginning of the fall or at the beginning of a wall. The soil in both these situations is the same light brown clay soil.

Therefore in L1-4 a tile fill not found, but a construction of wall 10tz and a possible construction of wall 13 found in N1-4 called wall F which must have formed a corner with 10tz' at the east. More clearing is needed to determine this.

The earth under the level of walls C' + F in level 2 is full of gravel.

549 Find a NE of wall C' - Stalotte am fragment
538 T

572P in yellow water channel soil - small bronze (Greek?) coin
538 T piece of green slag

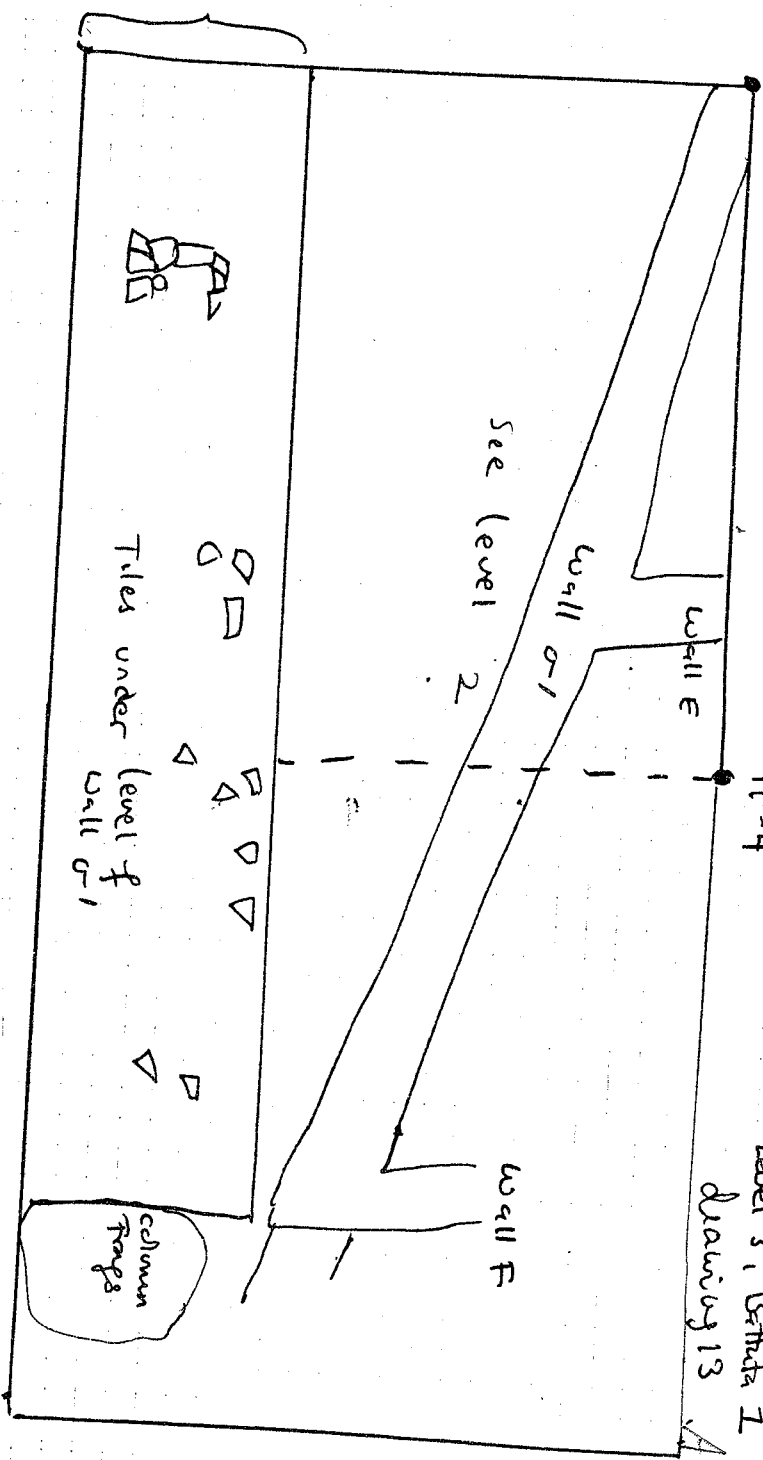
607P Level 2 in L1-4 is not carried to its completion (i.e. to ~~the~~ another
608 T architectural feature) but was excavated primarily to determine if
609 T any architectural features existed very close to the level of any walls 10tz' and F.

N
↑

M-3

M-4

Level 3, Bathrooms
Drawing 13
A-150



area
s of
Wall G-1



Tiles under level f

column
Rings

Jone 9, 1

A-153

Area South of wall 0' in M¹⁻³ + M¹⁻⁴

Level 3, Bathra I.

In M¹⁻³ and M¹⁻⁴ a rectangular area 1.90 (N-S) X 7 (E-W) in the south of the squares is being excavated. This area is immediately south of wall 0' + extends to the column fragments in M¹⁻⁴. Since this area is lower than the tops of wall 0' the 1st level to be excavated is level 3, Bathra I.

(area 10 cm under the wall 0' are tiles in situ at west end.)

material mostly silt - black flint + coarseware.

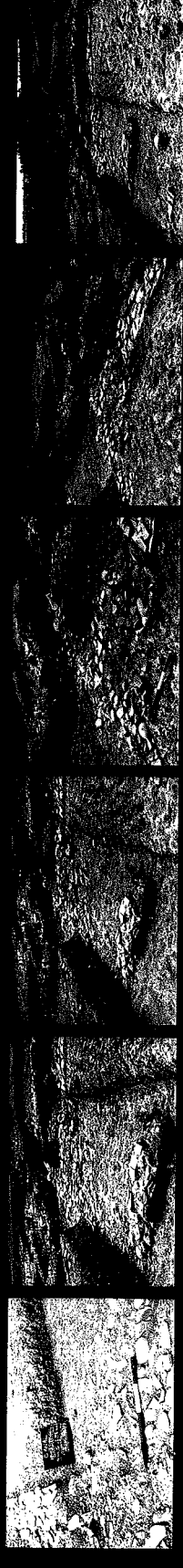
Finds: RF fragment - upper torso of draped female (4th c) a few cm below level of wall 0', 55A

- P2548
- 550T
- 551
- 549D
- 552T

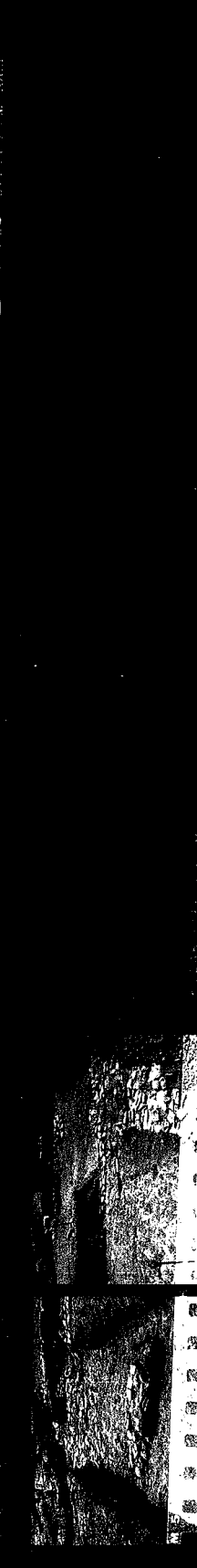
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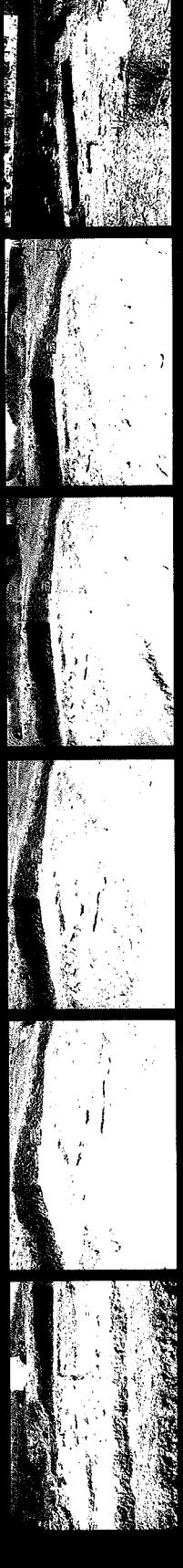
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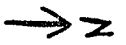
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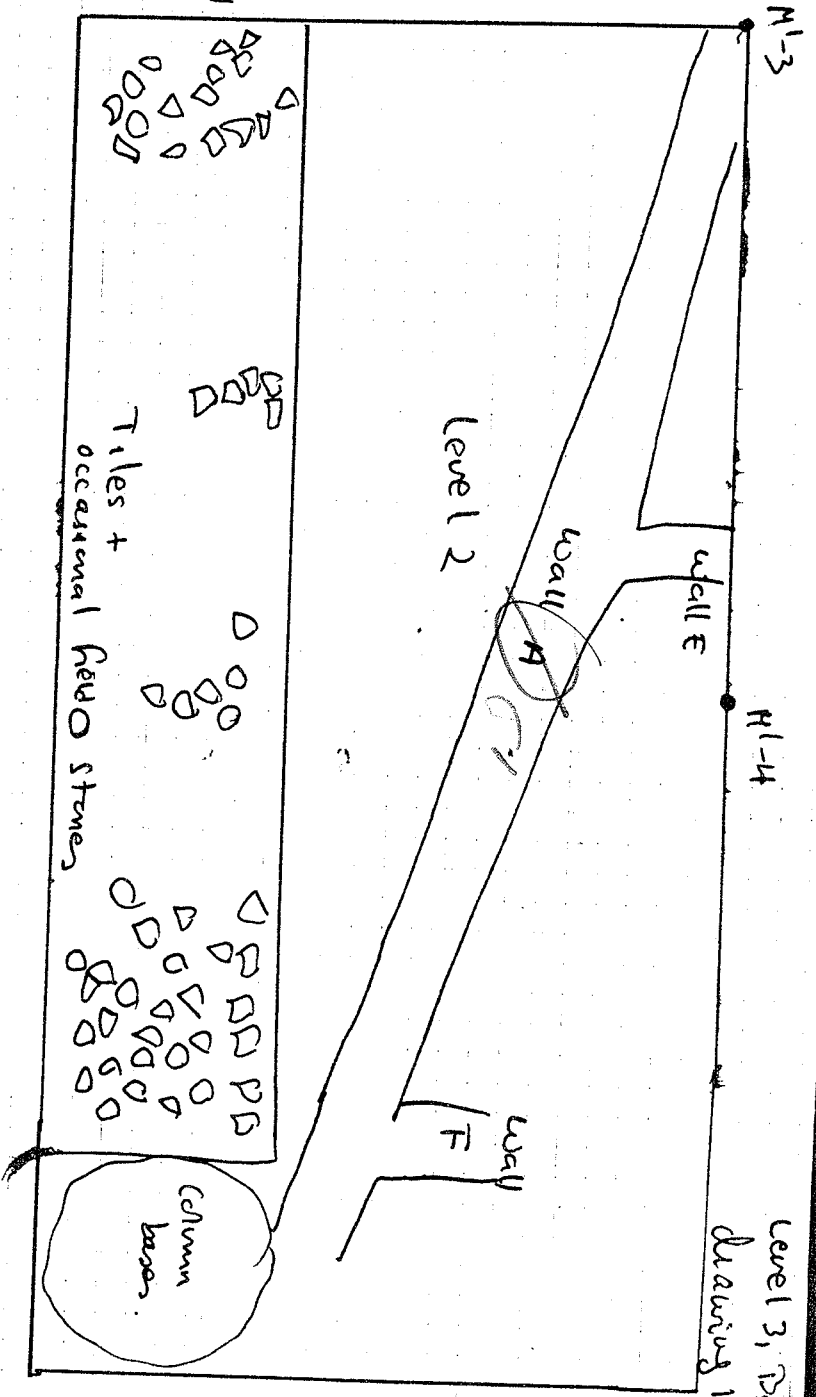
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Area S
of 0-1 wall



Level 3, Part 2 a
Drawing 14

June 10
Area South of O-1 Wall.

A-155

Level 3, Bathing 2.

This bathing is about 10-12 cm below the first bathing, material coarse, small amount of grey ware.

Under the tiles noted in level 3 is a Pelintone wall running SW-NE at the west end of the area. (wall G)

~~PZ 510~~ material from above This wall removed separately + labelled - 'from above wall G'

~~PZ 536N~~ There is a large amount of tiles, especially in the west + east + some large Pelintone in the center.

Finds include lowweight stathetic fragment

Bowl Thinning - PZ 533P

PZ 534P

PZ 535T

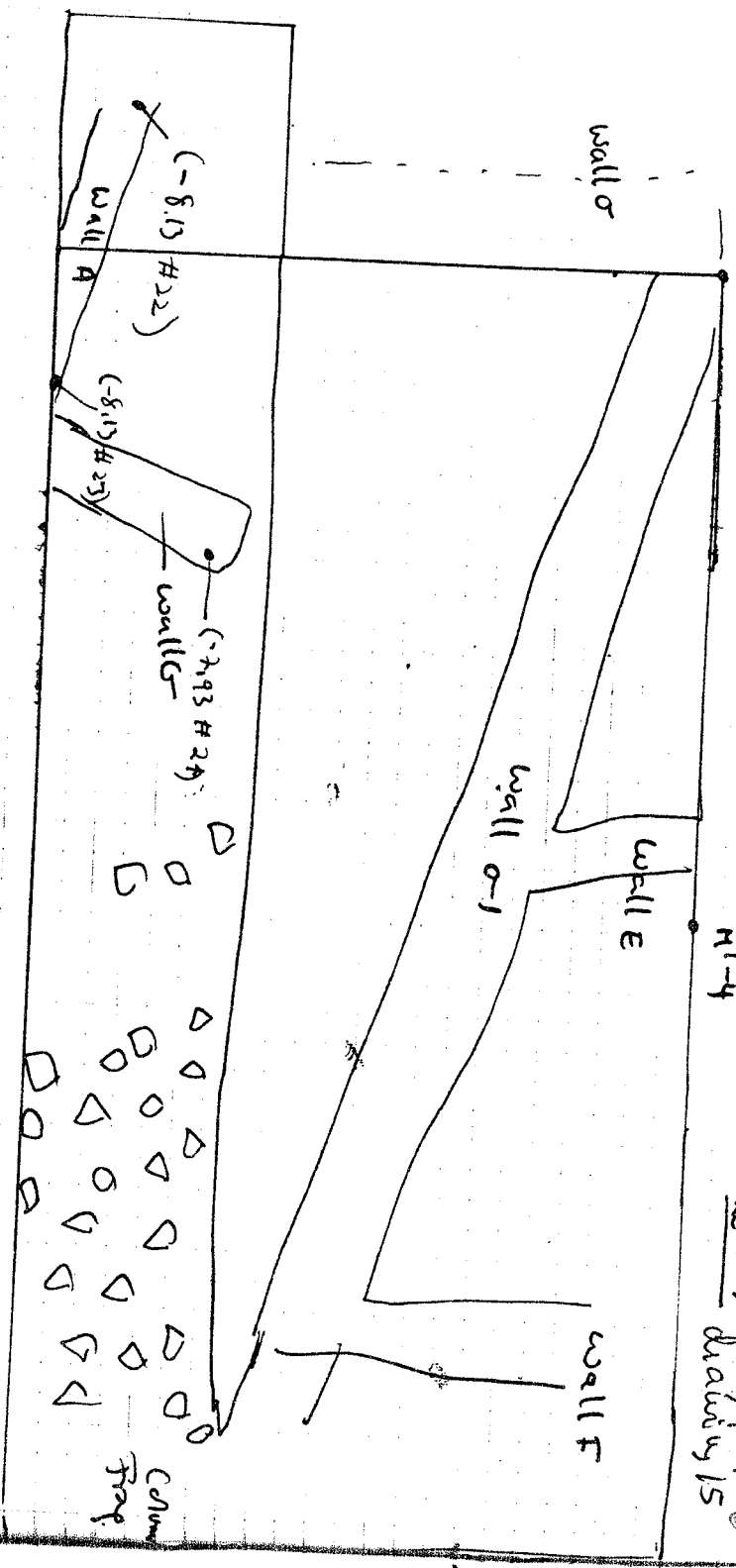
PZ 537P

N
↑

M-3

M-4

Level 4
Drawing 15
A-196



area south
of
wall 0-1

note area south of wall 0-1 wall has been enlarged to include an examination of the relationship of wall A, wall G and wall 0-1

Area S of Sigma 1 wall.

A-157

Level 4.

This is the level under wall G + tiles associated with wall G.

note 2 pieces of nabeled maffia with red band at top (police's companions) they were base.

wall G appears to be made of Pelibstone + tiles and to connect to wall A found in N1-3 + N1-4 level 2 which also emerges in the S of this area, tile fill in the east. The

SSSD note fragments of redbrake caneware found at east end of the area. ~~SSSD~~ associated with this have been several pieces of chert.

note that "level 3" + "level 4" are used to define the areas between recognizable architectural features of wall G but most in terms of soil the walls of level 3 and G seem to be associated. One floor was we are still dealing with one level in which architectural features even to connect with another, level 2 in wall composition + even to connect with another, level 2 in different composition in the earth. But any soil matter, especially if be the same better to consider them as complex of walls, it would be better to consider them as complex of walls, it of course it is necessary and relationship between the areas, we mean of construction this can be made determined, these walls before

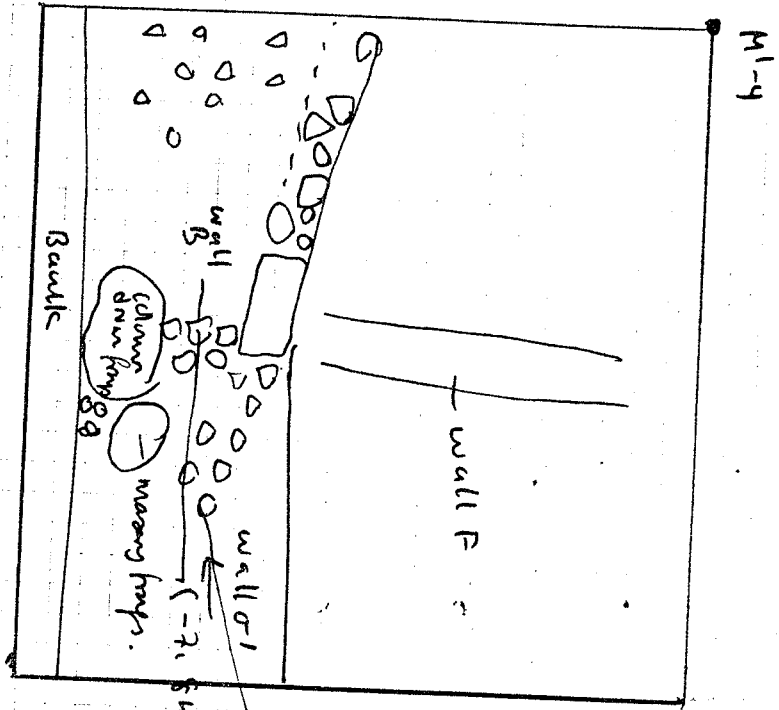
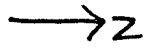
A-158

area S of o' wall in M1-y

level 4 Bath # 1

level 4

drawing 17



(-7.95 #21)

(-7.54 #15)

The Remains of the area S of wall or 1 in M-4

June 10

A-159

level 3 Dathita 1,

The rectangular area excavated to the column fragment is now extended to the N-S bulk of M-4 and one batha is made which increases more of wall or 1 north of SE and what appears to be a combination of walls B found in M-4 level 2.

columns

level 4 is the level under the level of wall or 1 combination to the SE, and under wall B.

2 getting fragment (black ~~stone~~ ^{stone})

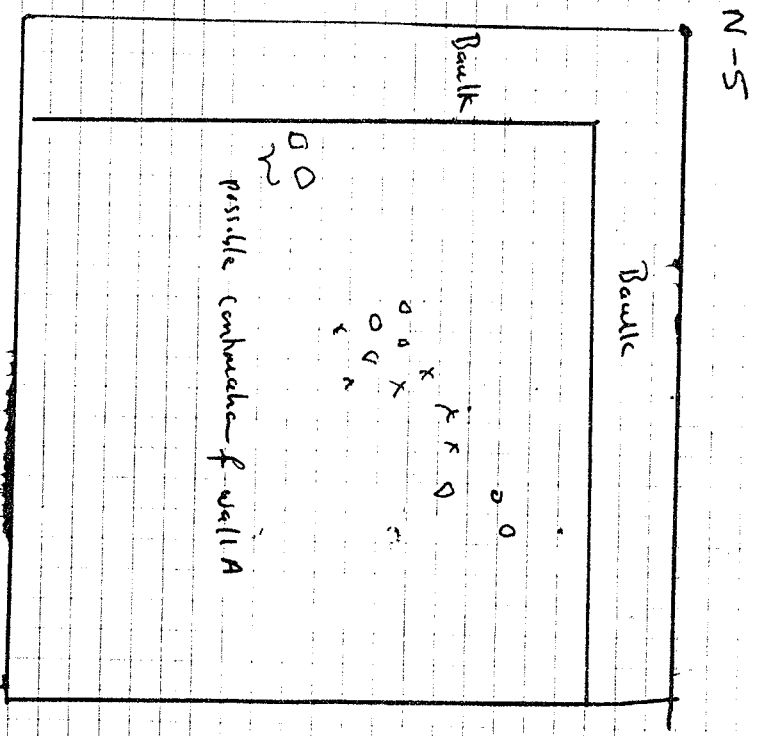
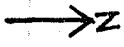
more masonry fragments are also found

1:1:1

Level 2

A-160

Drawing 16



June 10. 13

A-161

N1-S Level 1. 01

513P Level 1 is very deep here. little material. concentration of small white shellfish at

553P no features except a penile contraction wall A in the SW. 1

554T no Gelas. This penile feature is level 2.

559 lowweight

N1-S level 2. Dry light soil. Still not much material. Tiles - soil 6m f.

562T stamped lowweight

561T numerous ribbette fragments found in NW corner of the square. - 84 cm
Small white pot + heavy beads in center of square + to the north. From

(4 heads, 1 male torso, 1 female with the arm of another fragment. This sand extends around the square N1-S' as can be seen from the handle.
A layer of gravel directly above this level. This sand extends around the square N1-S'.

497P 563P
520T 564P

0'-5 level 2. Since most of level 1 was removed from this square by the bulldozer, work began in level 2. here, which corresponds to level 2 in N1-S.

No features found in this level, tiles + gravel.

574P

576P Pyramidal lowweight 577T
nice fragment of oxide ware

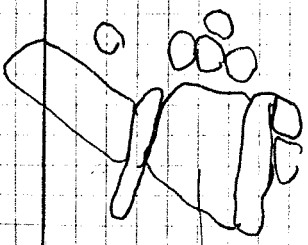
N
↘

N-S

Baulk

Baulk

level 5



level 4 wall

level 4+5

drawing 21, 21

A-162

~~N1-S~~

~~June 13/14,~~

~~level 1~~

~~little material.~~

~~strawberry area found in west.
mostly copperware.~~

N1-S

level 3,

0' - 5' level 3.

Note - layer of gravel from N1-6 / 1-163

N1-4	- 50
N1-5	- 89
01-5	- 110

This gravel is found lower + lower, probably indicating the wash of gravel + soil down the hill + not a restriction level.

0' - 5'

level 3, under the level of the well is 0' - 4.

Just here, no features.

Dark wet soil.

note gravel layer in level above level 3.

540T
~~547T~~

Small Stakette fragment
Carbon fragments
lead sheet
RF Sherd.
Sry ware fragment.

N1-S level 3.

P2. 77. 664P, 665T, 666T

Stakette head - 1.00 from E-W Dark, this is lower > level 3 which
Ester fragments were found but in the same area.

~~547T~~

N1-S 1 0' - 5' level 3 Dattuk R.
This with the begins 20 cm below the w-s levels in lowest.

547T

relief decorated Stryware Sherd.
lead neck + mouth - fragments to lead sheet found in level 3 Dattuk R.
Stakette head - 1.20 from N.S. below of this area.

P2. 77. 702P, 703P, 704T

0'-5

level 4.

wet dark clay + sand.

no level before this section

A-164

level 4.
Bathurst 1.

4M CI material

0'-5

level 5

walks surrounding in N1-S

level 5 in

no level at

no level of the water.

N1-S

level 5.

material -

blacks (14) e,
none in N1-S -

kerabla lens type F handle. (6M CI)

TRIANGLE 1

June 13, 14, 15, 16

A-165

In N1-3 + N1-4 The wedge of earth bonded on the north by wall A + on the south by the area excavated last year is excavated. Approximately 30 cm on the S side of wall A is here left. The area is called Triangle 1 and excavation is at keeping at level 3. The level under wall A. Note first in the west this Δ extends beyond the limits of N1-3.

DI level 3

Mortar in cement with 3 incised circles. Boneweights.

625P Black flint pebbles + coarse sand.

624T Retic flint lamp nozzle. Small amount of grey ware.

level 3 Dakhna 2. carbon + soil samples taken in west end of DI.

575P ' leaf found.

582T very gravelly earth in the west, as has been the case all the way down in this area.

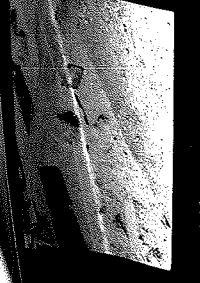
In level 3 were found a room bounded by 4 walls in N1-3 and another well, in N1-4.

This room is called Room 1 + is very small, bonded by Feldspathic + irregular stone walls, one of which wall 2, appears to extend to the south + possibly is connect with a wall found last year.

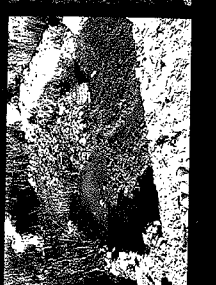
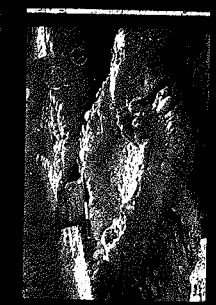
Wall 5, in N1-4 is all of tile + Feldspathic + very N-S.

~~NOTE~~ ^{NOTE} These wells are lower than the well A complex + created slightly differently.

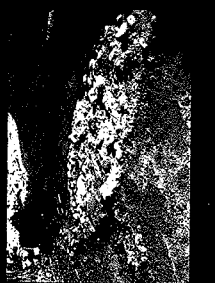
6/17, 20, 21/77



→ 1A → 2 → 3 → 4 → 5 → 6 → 7
KODAK SAFETY FILM 5063



→ 7A → 8 → 9A → 10 → 11 → 12
KODAK SAFETY FILM 5063

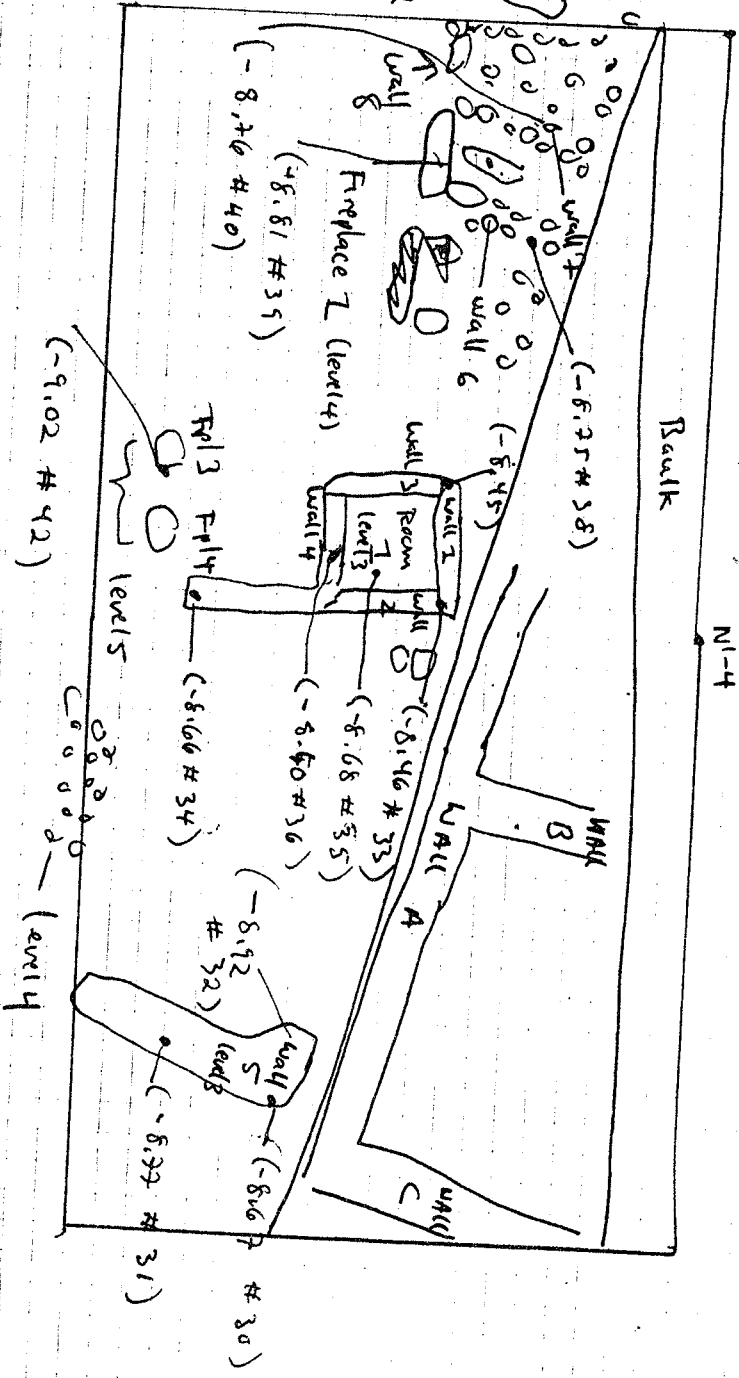


→ 13 → 14 → 15 → 16 → 17 → 18
KODAK SAFETY FILM 5063



N

TRUNKLINE 1



A-166
drawing 18
19

As we go down, there are less frequent + sand is scarce.

A.I. level 4. This is no level under room 1 with the walls (1, 2, 3 + 4) + under well 5 in N-4.

There is a layer of yellow soil while in the walk directly under level 3 which is found also in Room 1. It contains no material of any kind that this yellow soil was on top of a pebble surface. Room 1 had no finds, but perhaps the yellow soil is to be associated with a floor associated with the walls of room 1 + well 5 + the pebble surface serves as drainage.

583 D level 4 ~~Buttuta 2~~ material coarse, black sludge, greyish coarse incised (plate frag)

584 M level 4 Buttuta 2 beyond is east end of A.I. large square fieldstone found

601 P level 4 Buttuta 2. west of room 1. Tenacantha beads.

603 T material divided here between material found east of Room 1 + that found west of room 1.

605 T 606 P 604 P

585 SS level 4. Buttuta 3, east of room 1. Tiles + round helixstones among in s.s. 586 SS level 4 Butt 3 in s.s. - large coarse hydric beads + shovels. west of room 2. term weight - rounded pyramid - small c.c. can.

601 black sludge paper + fragments.

Fragment of charcoal found in concentrated area at the west end of A.I. Associated with it black sludge + bits of pyrolyse.

The soil in grey clay sludge for carbon dating in concentration. This material is collected sludge for carbon dating of wood burnt, should indicate burn, but from pottery of wood burnt.

-110 from N-3

Now are the surrounding rocks. Surprisingly it becomes clear that this charcoal area is on a high fireplace, handed by a large flat pit with to the south + by a definite N-S wall, wall 6 + primary number one wall 7. It is lit + by a 2-10 wall, wall 8 which includes the flat stone on the other hand, these many not be walls, but fieldstone paving stones as we found in previous elevations. This charcoal area is called Fireplace I.
 Carbon sample taken again - level -1.13 from N1-3.

* Another smaller fireplace Fireplace 2 is found to the west of fireplace 1. It is hand-dug vertically placed stones + might be considered to be in a corner of a room bounded by walls 7 + 8.
 Carbon samples collected here.

When coming down in this level to the fieldstone pavement - level complex - first floor is a layer of brown-yellow sandy soil under which are the fieldstones.

ig level 4 Bath 4 east of room 1 - very little material + no pavement found in 01-4 in 1946 has not appeared - very little level 4 Bath 4.

level 5 west of room 1
 - under the level F's pavement - south in west of room 1. here first west hole there are on this day come from the bottom of the level found by the fieldstone beneath level of fireplace + south of them.

* C. 45 cm in diam. in this level 3/4 + fireplace found soil of room 1 - about 35 cm high bounded by stones first large area of carbon stained apart. east. These carbon returns one lower than fireplace 1 + 2.

IN area east of room 1, level 4, Bath 5,

Carbon samples taken. (-1.14 from N1-3)

pot fragments removed is also from this area, just east of room 1.

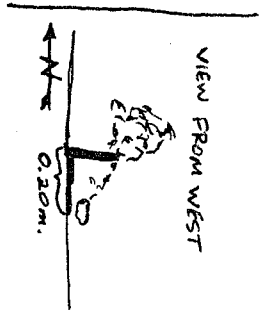
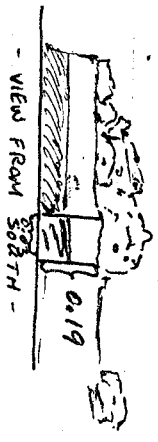
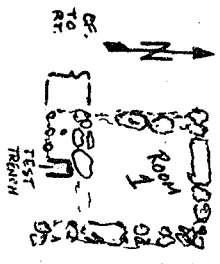
A1. Elevations from N'-3.

- 1. Wall 5 : -1.09
- 2. Fpl 1 -1.17
- 3. Fpl 2 -1.19
- 4. Fpl. 3 -1.39.

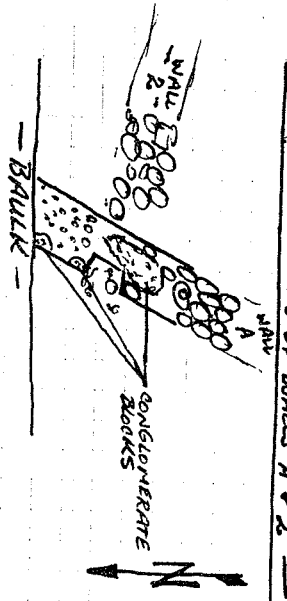
A-170

drawing 23

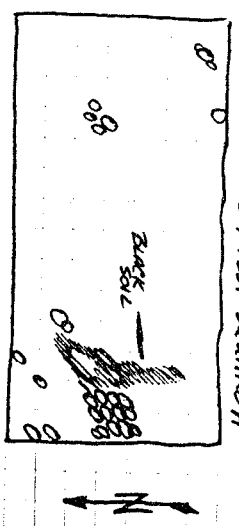
— SMALL TEST IN SOIL BELOW ROOM 1 —



— SMALL TEST SOUNDING OF WALLS A + 2 —



— SOIL SAMPLE, TEST SQUARE A —



see below page above well 2
A
see 3891
none

level 5 cut F Room 7, below the level of no walls west EA-171
room 7 (walls, 6, 7, 8)

excavation F Room 7.

589 55 1.10 cm F dry hard earth. Just below level F wells.
Then yellow 1/2 ft clay-sand + 25 cm from the top of Room 7 walls,
a pavement of stones to small pebbles.

No materials.

A 1 - LEVEL 4, BATT. 3.

SMALL TEST TRENCH DUG INTO SOIL, JUST SOUTH OF SOUTH WALL OF "ROOM 1": SOIL JUST BELOW WALL IS LIGHT TAN ALMOST YELLOWISH IN COLOR w/ STREAKS OF REDDISH SAND. BELOW THIS LEVEL THE SOIL IS GRAY CLAY WITH STREAKS OF REDDISH SAND. THIS LEVEL ALSO IS FILLED WITH MANY STONES RANGING FROM SMALL PEBBLES TO LARGER STONES, 0.005-0.17m. A SOIL SAMPLE WAS TAKEN OF BOTH SOILS. ONLY MATERIAL WAS ONE TILE FRAGMENT AT DIVIDING POINT BETWEEN THE TWO LEVELS. A LAYER OF STONES AT THE LOWEST LEVEL ARE HEAVILY CONCENTRATED AND MAY BELONG TO A PAVEMENT. IT HAS BEEN SUGGESTED BY THE CHIEF EXPERTS AT THE SITE THAT THE UPPER LEVEL OF SOIL MAY BE A LAYER OF SAND PUT DOWN DURING THE CONSTRUCTION OF THE WALLS.

A 1 (N'-3)

CARRIED OUT A SMALL SOUNDING TO DETERMINE WHETHER WALL A OF ROOM 1 JOINS WALL B. WALL A CLEARLY PASSES UNDER WALL B. APPEARS TO BE A PAVEMENT NORTH OF WALL 2. COMPOSED OF SMALL STONES AT THE LEVEL OF WALL A. WALL A MAY HAVE A BREAK IN IT OR TURN, FURTHER WORK IS NECESSARY.

A 1. TEST SQUARE A - SOIL SAMPLE

SOIL SAMPLE TAKEN OF BLACK SOIL OF WHICH THERE WERE SEVERAL STAINS THROUGHOUT THE AREA. PURPOSE OF SAMPLE TO DETERMINE WHETHER BLACK COLOR IS DUE TO HIGH CARBON CONTENT OR NOT. CHEMICAL LEASES AND LUMBS PRESENT IN AREA OUTSIDE OF THE BLACK STAINS. SOIL IN A GRAY CLAY MATRIX WITH STREAKS OF RED SAND, PEBBLES, AND ROOTLETS PRESENT. BLACK SOIL CONCENTRATED IN WESTERN 0.90 m. OF AREA.
-1.20m. FROM N'-3 (-7.71 m.)

Δ 1 (N¹-3:4) LEVEL 4 - JUNE 17, 20, 1977

A - 123

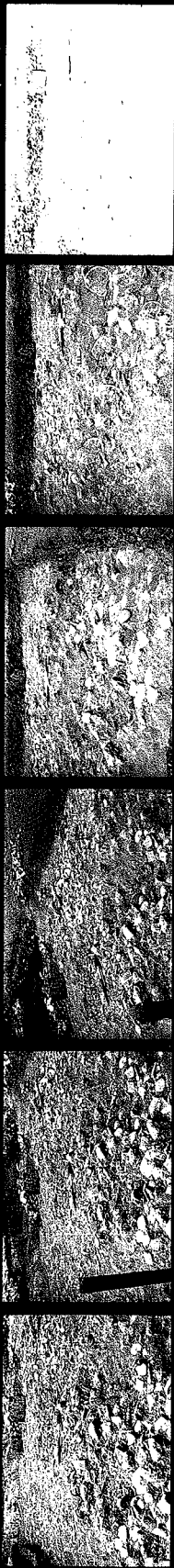
FIREPLACE 1 - SECOND CARBON SAMPLE: SMALL LENSES WITH SOME LIMBS. ROOTLETS PRESENT. POTTERY ASSO. WITH SAMPLE: BLACK GLAZE FRAGMENT, COARSEWARE, AND A FRAGMENT OF A SHELL.

CARBON SAMPLE FROM EAST OF ROOM 1, BATT 5. (-8.85 measured from N¹-3) LARGE LIMB WITH SOME LENSES IN A MATRIX OF GRAY CLAY WITH SOME SAND. NO ROOTLETS PRESENT.

EXCAVATION OF FIREPLACE 8 - OPERATION CARRIED OUT TO DETERMINE EXACT FUNCTION OF "FIREPLACE"
LEVEL 1 CONSISTED OF CLAY MIXED WITH SAND AND CHARCOAL FRAGMENTS. THE SOIL IN A. (cf. drawing) has a blacker hue than the other soil in the fireplace - black color may be due to a higher concentration of carbon. CHARCOAL IS VERY SCATTERED, SMALL LIMBS AND LENSES. BOTH CARBON AND SOIL SAMPLES WERE TAKEN FROM A. SEVERAL FLAT STONES, B, NEAR THE SOUTH WALL APPARENTLY FELL INWARD FROM A POSITION ON THAT WALL. THE SOUTH WALL OF THE FIREPLACE SEEMS TO BE PART OF THE WALL OF A STRUCTURE; WHILE THE EAST WALL OF THE FIREPLACE APPEARS TO ABUT ON A CROSS WALL. LEVEL 1 OF THE FIREPLACE RANGED FROM 0.09 - 0.03 m. in depth WITH THE DEEPEST AREA BEING IN THE NORTH ~~EAST~~ CORNER, A. AND THE LEVEL IN THE MAJORITY OF THE FIREPLACE BEING 0.03 m. ACTUAL LEVEL OF LEVEL 1 = -1.85 m. FROM N¹-3 (-7.71).
LEVEL 1 CONSISTS OF SOIL DOWN TO THE BASE OF THE LARGE STONES IN THE INTERIOR OF THE FIREPLACE. IN ALL AREAS OF FIREPLACE EXCEPT A: SOIL WAS REACHED WHICH WAS ~~AT LEAST~~ LIGHTER GRAY IN COLOR WITH STREAKS OF REDDISH SAND. A. REMAINED ~~DIFFERENT~~ DARKER IN HUE, AREA C, SOUTHEAST CORNER, SEVERAL PIECES INCLUDING A LARGE NECK FRAGMENT OF A COARSEWARE HYDRA. FOUND IN AND AROUND ROCKS IN THAT AREA. FRAGMENTS ARE ORANGE IN COLOR AND ARE SIMILAR IN SHAPE BUT NOT COLOR TO FRAGMENTARY HYDRA FOUND 2.60 m. EAST OF FIREPLACE 8.

LEVEL 2 - ATTEMPTED TO TAKE DOWN A. TO DETERMINE IF FIREPLACE HAD A FLOOR. THIS EFFORT WAS FRUSTRATED BY WATER. THIS THE EXCAVATION HAD TO BE HALTED UNTIL THE INSTALLATION OF THE PUMPING SYSTEM. A SAMPLE OF THE CLAY IN A. WAS TAKEN. IT CONSISTED OF GRAY CLAY WITH SOME CHARCOAL LENSES. ROOTLETS AND PEBBLES ARE ALSO PRESENT IN THE CLAY. AT THE SOUTHERN MARGIN OF A. UNDER THREE ROCKS A LARGE COARSEWARE BASE FRAGMENT WAS UNCOVERED, THIS BASE MAY BELONG TO THE FRAGMENTARY HYDRA FOUND IN C. SOIL SAMPLE TAKEN FROM CLAY BELOW ROCKS WHICH WERE REMOVED.

6/14-15/77



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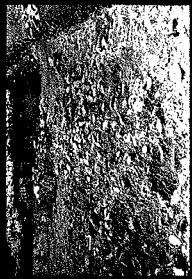
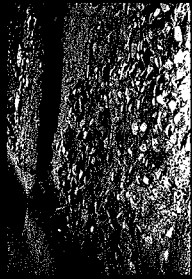
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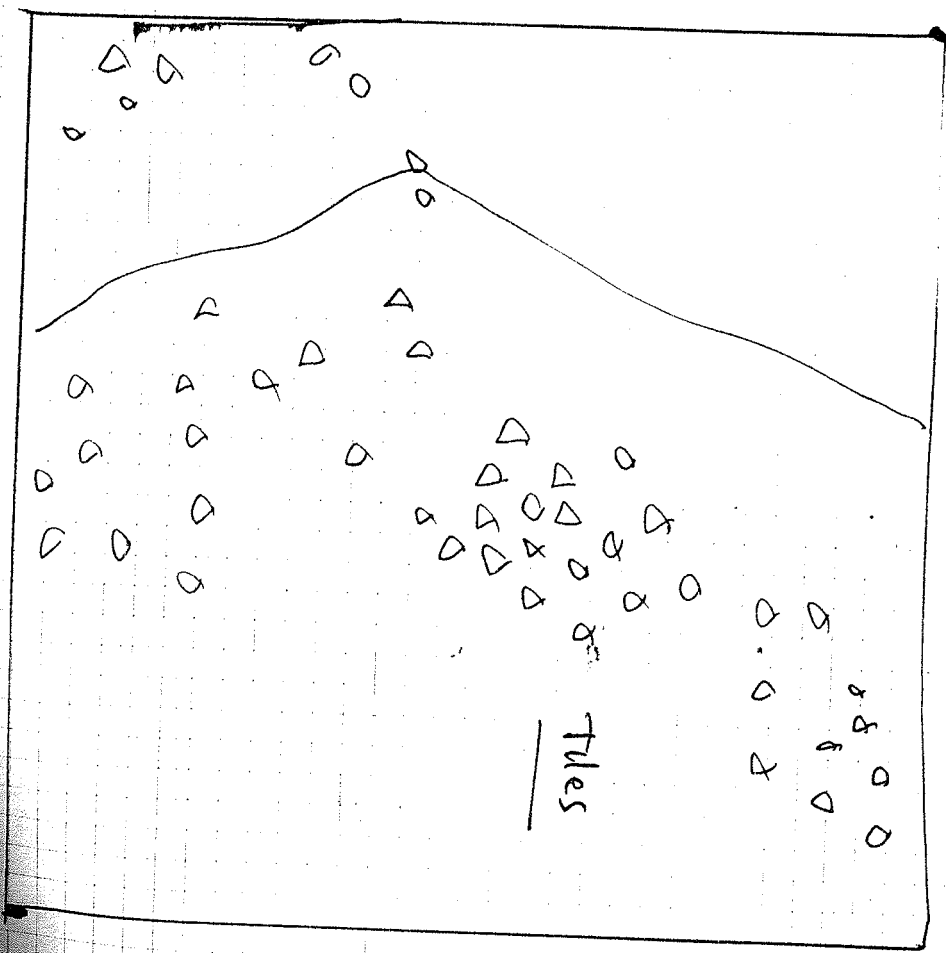
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22

H1 I

Level 1 (to H1)



drawing 21 A/B

M1

June 13, 14

Level 1. Dark earth

P2 531

571 P. 4m

coarseware. Uniform unregeneration base. Tiles in situ in the center of the square + in north east. 1st of rocks with tiles.

June 15

(-8, 26 level 2.

from M1-2)

H44) P2 532

Under the tiles.

A large tile + rock fall. Composed of large chunks of tile + large rocks, possibly a well (S) covered ground here, but at the moment of looks like a large fall of rock + tiles. (rick files - possibly common)

The material taken from + liquidy when these tiles is called from level 3.

scanty material - pieces to base, above - mixed. fragments. very little material

level 3.

P2 597-55

A1-5

June 13, 15, 16

A-19 13

Level 1 little material

578 P
579 P

580 P

Level 2 - area 50 cm wide level 1, cut the top of window & c. 10 cm
piece of ~~stone~~ cut limestone slab
in level 2 of higher earth. Fall of level 1 small stones in the mud
tile fall + large architectural fragments at the bottom.

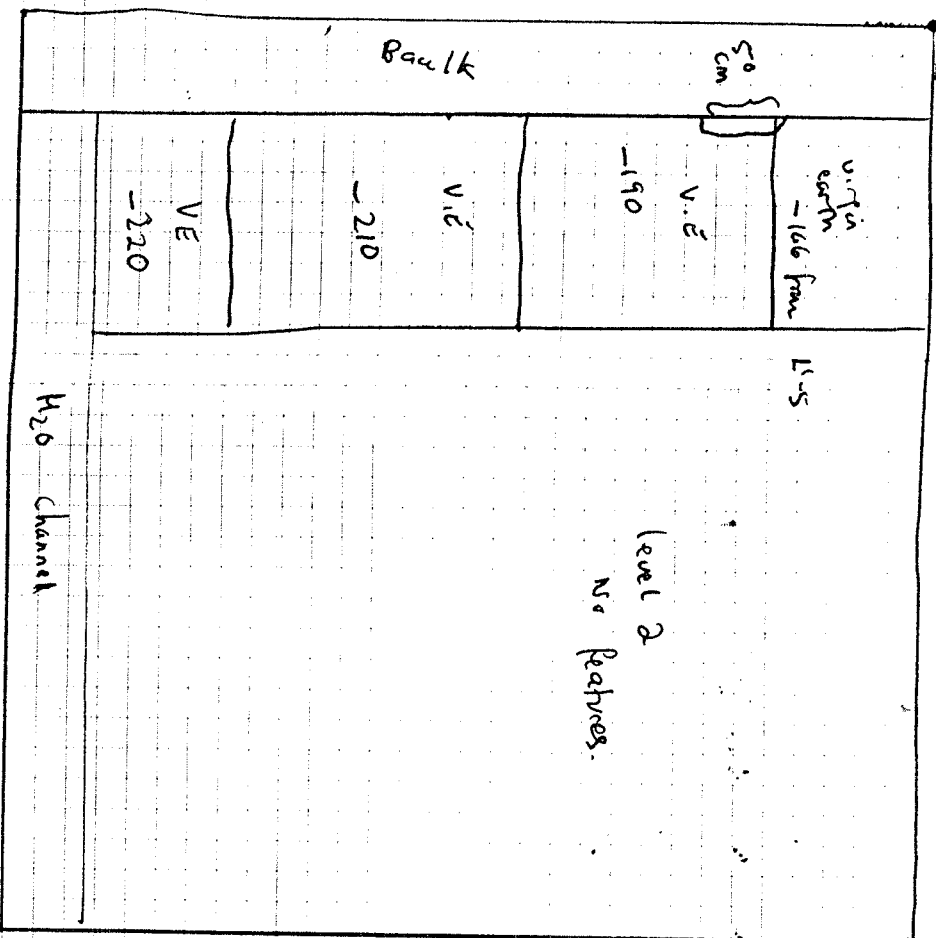
level 2 highest in the east.

level 3 - (excavated only slightly) under the fall + fallen masonry. Some
masonry fragments were spaced blocks + column fragments.)

598 M

L-5

TRENCH 1



A-180

Clechans - Trench I.
 From L-5
 level I -82 " Butson!
 level 2 -112
 level 3 -152 (beginning)

drawing 23, 24, 25

L1-5
June 15th. June 20.

Levels: A-181

Level I. Coarseware mrtly. 600P

Level 2. June 21, 2nd
light brown soil, gravel

Level 3
in this square a small trench is 50 x 4.50 - Trench A.
Small fragments.
renew Syllata fragment
metal lamp
frag were.

Level 2 > Duthra 2. Dry orange soil
virgin earth reached at -16A in the north - soft sandy orange soil.
to the south the virgin earth has not yet been reached.

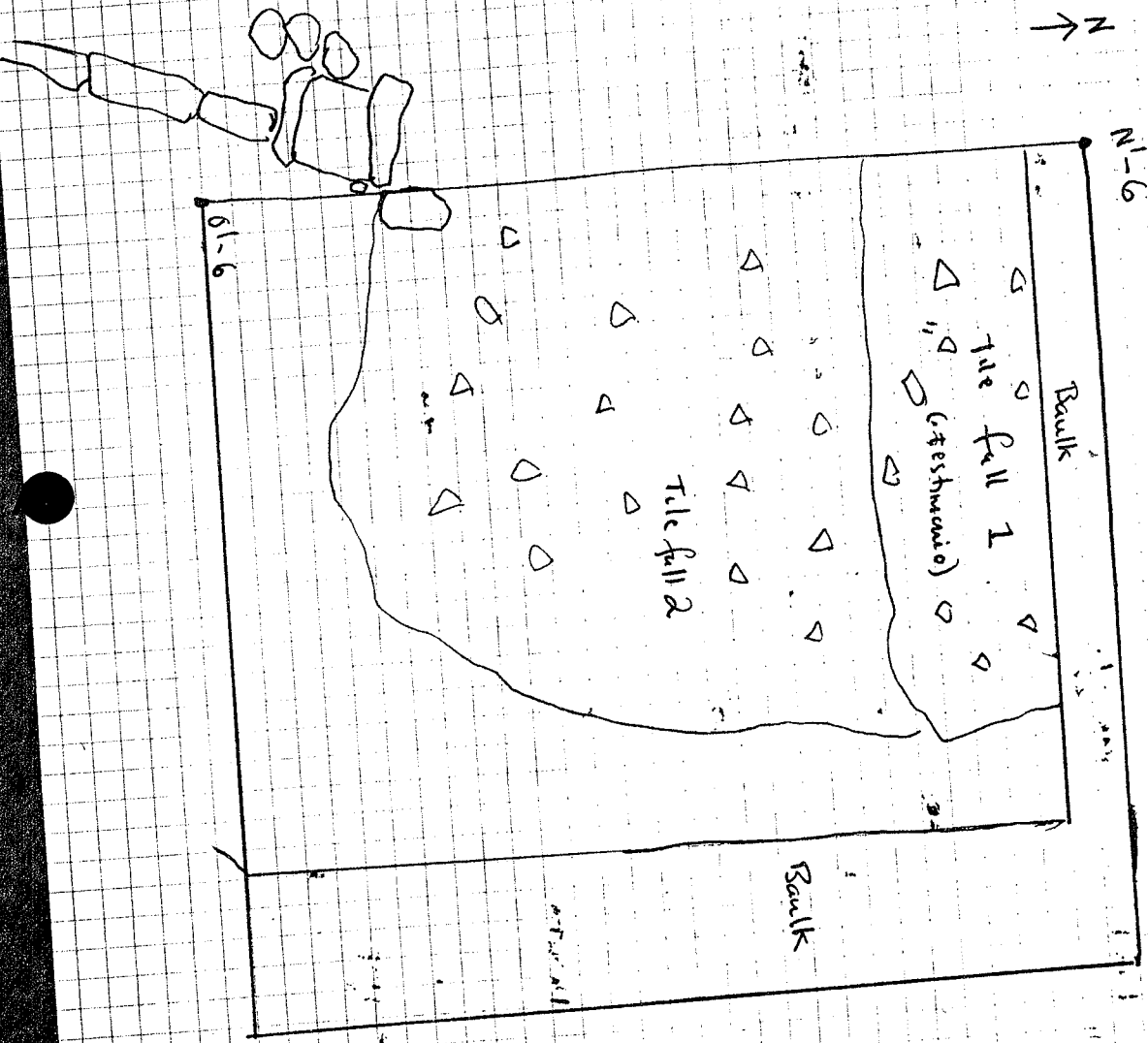
material: coarseware
fragments
black flint.
riched fragment.

several large-medium Redstone found in south virgin soil eventually reached
in the entire trench.

levels of virgin soil from N1-5
From N-5
- 166
- 190
- 210
- 220

material found after virgin soil reached first in the north a called
level of Duthra 2.
concrete
black like shad

large stone in situ at end of trench.



Drawing 32

A-182

N1-6
Level 3. June 20,
Dark earth.

A-183

N1-6 01-6

Level 2. June 21. There squares were kept excavated as one + the
little material, 22 watercourse will be labelled from W.N. of them etc.

date here
also see level 1
Clayey - like Porosin
M11. (Roman?)

5267

Level 2 Dattata 2 - ends with the fall found in N1-6 N. -50 from N end
little watercourse. relief decorated with - altar fragment - 17 x 16 cm long. - 92 from
found - 80 cm from ground level of N1-6. 180 cm from NW corner + 60 cm to NW east.
Same level as
the fall in N1-6
(-93 feet)

~~1st~~

Level 3 under the tile's found in level 2. Datt 2 at NW end.

concrete
Brange nail
Roman weight

level 3 Dattata 2 June 23.

6177 Statuette fragment from NW end -123 from N1-6
5427 Head of statue 3 meters from N1-6 -1414 from N1-6

small votive cup.
more fragments.
black clay
concrete
much material.

1818

A-183

N¹⁻⁶ d¹⁻⁶ Rather 3. - to the level of the blocks (wall) in d¹⁻⁵ N¹⁻⁵ A-185

G18 T sphincter payments

Level 4.
G21 T

Cleaning floors:

A-187

June 16,
M-1-3

wall 5. cleaning along last piece of wall 5 reveals a lower course of carbonated blocks as found in 5. material from cleaning - black slaty frags, including a likely one from.

June 21,
L-4

In cleaning of interjection in M-1-4 to walls 10th and wall 5, a skeleton was found - 9 cm from top of wall in this corner. The skeleton is in good condition, lying in a flexed position with the head facing east. It appears from the pelvic structure to have been a woman, 40-50, long hair, an adult. No ribs were found decent for 1 nail (removed) + a few chert.

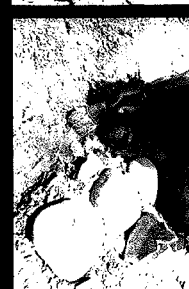
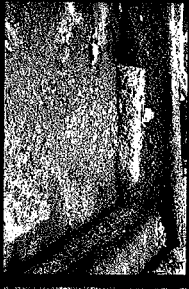
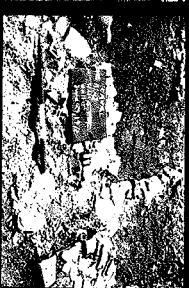
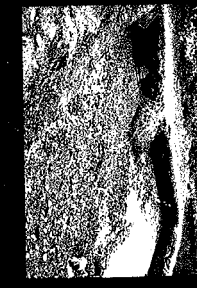
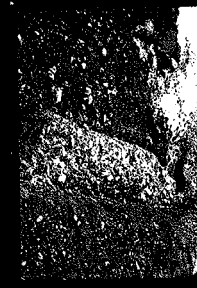
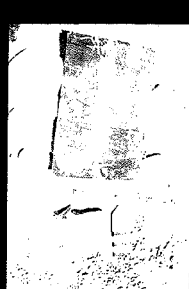
The skeleton is on its side with the ear head visible but towards its head. There are tiles directly on top of leg of skeleton + the skeleton's left foot is covered by the tiles from wall 10th. There are slugs over it. There is also a large die directly associated with the left leg. There are no other cleaved the skeleton + the earth associated with it does not seem different from the earth in this area at this level.

The tile fall that is heavily concentrated in this region seems connected with the skeleton. To the human, the skeleton appears to have been placed in the corner, not to have fallen there. However, the tiles must have fallen almost immediately after the way was placed there. If not yet known the origin of the walls. and if the skeleton lies on a square floor.

JUNE 22, 23
M-2

WORK IN CLEANING AND DEFINING WALLS + TILE WALL IN SOUTHEAST CORNER OF M-2. SEVERAL LARGE BASE FRAGMENTS OF BLACK GLAZE SKIPPOLE FOUND ALSO. A FRAGMENT OF A PYXIS OR ANDRIA, FRAGMENT OF SMALL SHALLOW BLACK GLAZE BOWL, CONICAL LOOMWEIGHT, AN AMPHORA HANDLE, A PYXIS LID, AND NUMEROUS CORRELATE AND BLACK GLAZE FRAGMENTS. ALSO FOUND WAS AN AT PRESENT UNIDENTIFIED OBJECT WHICH RESEMBLES A SPOOL OF THREAD. IT HAS A HOLE THROUGH ITS CENTER AND THE INDICATION OF HANDLES AT ITS SIDE - OF PARALLEL IN METROPOLIS MUSEUM.

June 23, 24 / 77



2 3 4

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Just 2
Phases
- 1/2 - 1/2
then A & B

JUNE 23, 1977 WALL CLEANING, CONTINUED

A-185

M1-2

AREA SOUTH AND WEST OF WALL A CLEANED, WEST END OF WALL CLEARLY DEFINED. HEAVY TILE FALL IMMEDIATELY NORTH OF WALL A, TILE FALL EXPOSED TO THE SOUTH AND WEST OF WALL & TO CLARIFY RELATION BETWEEN THESE TWO ELEMENTS AND WALL S, TURNING E-W IN M1-2.

LEVEL 3 - TILE FALL AROUND WALL A

FINDS: SOME SHERDS MIXED IN WITH THE TILES. Pz. 77.762P, Pz. 77.791B, Pz. 77.792T MINUTURE LEKYTHOS WITH GRIS-CROSS PATTERN (TOP MISSING) FOUND ALONG THE SOUTH EDGE OF WALL A, BETWEEN FIELDSTONES. LOCATION: 0.25m. FROM WEST END OF WALL.

SEVERAL PHOTOGRAPHS TAKEN OF FIND IN SITU. Pz. 77.615P

LEVELS: WALL A - TILE FALL OVER AND AROUND WALL. SAME TILE FALL IS BELOW WALL &, AND OVER WALL S (RUNNING E-W IN M1-2, EXCAVATED IN 1976).

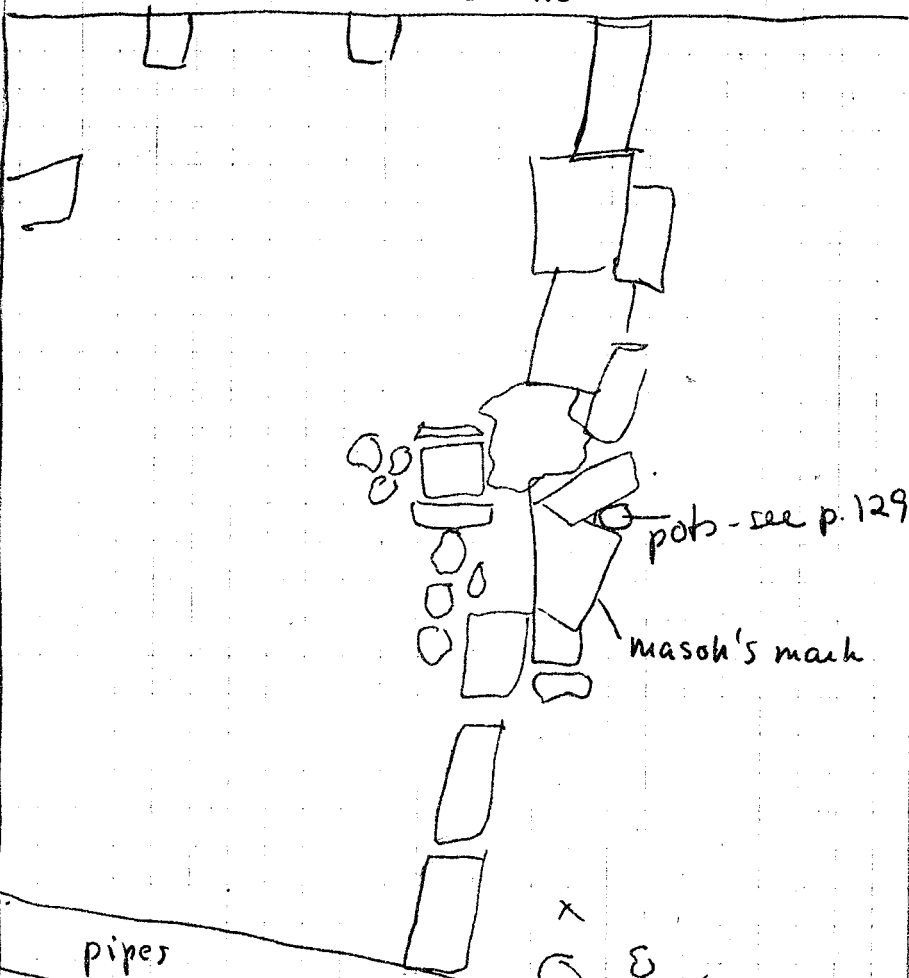
BELOW TILE FALL: LARGE CONCENTRATION OF SMALL PEBBLES THOUGH NOT THICK ENOUGH TO CONSTITUTE A PAVEMENT. RATHER A WASH FROM FLOODING OF AREA.

VERY FEW SHERDS BELOW TILE FALL Pz. 77.790P

N1-6, O1-6

level 5, batt. 2

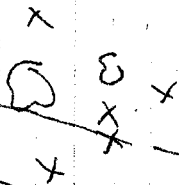
balk



pots - see p. 129

mason's mark

pipes




fragment of TC statuette -
painted slipper. surface
worn

N'-6, O'-6

level 5, batt. 2

more tiles than in previous
batt., esp. along edge of wall,
also some blocks appeared
at the S. end by the pipes.

- PZ 77.1024 Wall cleaned - consists of
P standing and fallen blocks.
- PZ 77.1028 P note mason's mark on large
horizontal block - shape 

Finds: one full box of sherds
PZ 77.1014 P

PZ 77.1019 T Large basin complete 1/2 pres.

PZ 77.805 T statuette frag. PZ 77.1018 T

PZ 77.807 T

RF sherd w. meander pattern

PZ 77.810 P and square w. dots

PZ 77.811 P Unguentarium, complete, no
decoration

PZ 77.809 T pyramidal loom weight,
broken

small pyramidal loom weight

PZ 77.806 RF sherds: neck, base head
and arm of female figure

PZ 77.955 P level -9.56

PZ 77.956 P distance from wall:

(Should technically belong to level 6,
batt. 1, appeared at the lowest part
of level 5.

level 6 batt. 1

level 6 indicates the level
below the tile fall noticed
in the S. end of the square.
This is a concentration of
tiles rather than a tile fall
proper. The soil is very dark
and heavy

much pottery - mostly plain
red ware. PZ 77.1023 P
PZ 77.1025 P

PZ 77.942 P black-glaze plate frags.

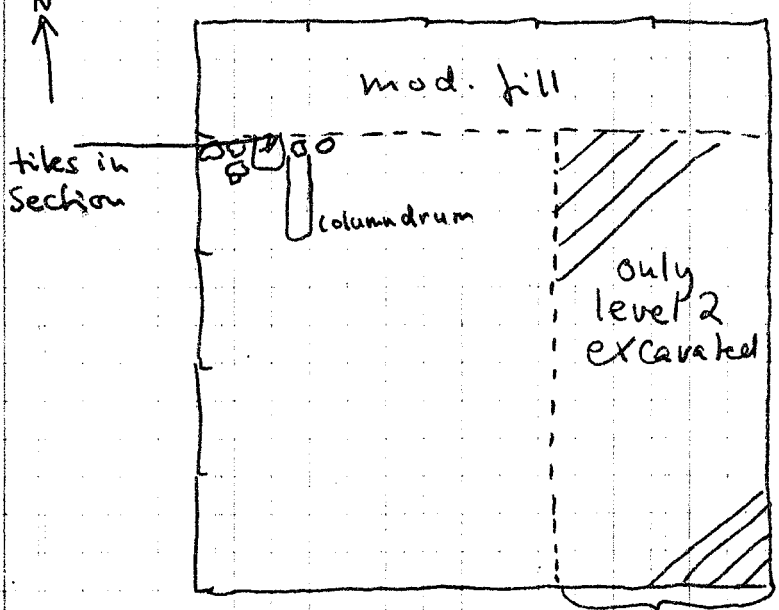
PZ 77.954 P

nine RF sherds: remainder of
neck, nude youth resting on
column
distance from the one found
previously: ca.
level -9.71

Saturday July 9, 1977

Cleaning of area previously excavated
and labelled as fire place 1 and
2 (PZ 1976-1977, pp. 166-169). Note
concentration of charcoal.

M1-6 level 3



1.80 m.

Monday July 11, 1977

Work continued in three areas:

- 1) field stone pavement and cleaning south of 'fire place' 1 and 2 - see above, p. 119.
- 2) N'-6
- 3) N'-6, O'-6

N'-6

digging furiously, to find out what layers to the wall discovered in N'-5, N'-6, O'-5, O'-6.

level 2, batt. 1 finished

PZ 77-1043P few sherds
 PZ 77-1044G

level 3, batt. 1 started

level 3 identified as the level below tiles and gravel recorded earlier. a baulk left at the E end of the square. in the NW corner of the square appeared a column drum, placed N-S and a cluster of

stones - see sketch
 column drum: D. from mod. fill 0.90m
 Finds:

sherds - coarse ware PZ 77.1033 P

pin from fibula PZ 77.858 M
 PZ 77.1034 M

level 4, batt. 1

This level is justified by a change of soil - dark and heavy, with no gravel. Also, we're now definitely below the hill fall and also to a new architectural feature had appeared in the previous level - the column drum.

Finds:

PZ 77.1037 P large number of sherds - 1 box

PZ 77.1035 T statuettes, frags. including satyr's head PZ 77.861 T

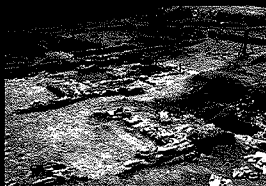
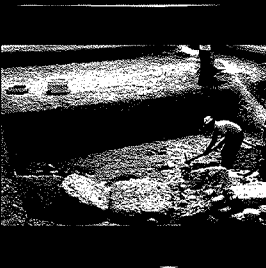
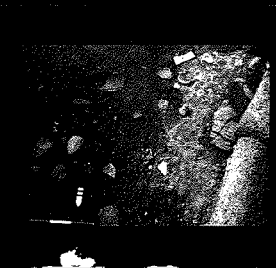
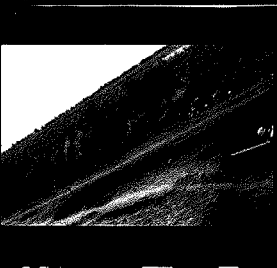
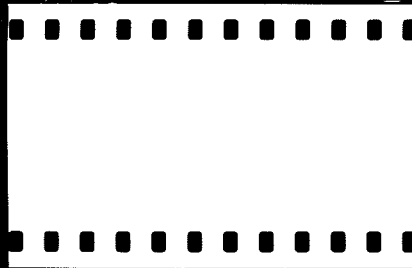
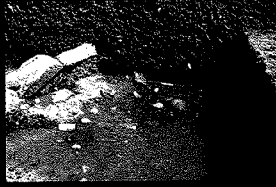
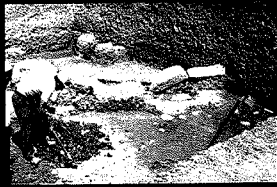
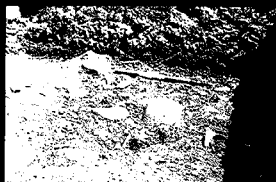
PZ 77.859 P burnt vase - greyish clay - neck and ribbed handle

bones

lamp frag. PZ 77.860 P

pin from fibula PZ 77.862 M

7/11, 13/77



M-6 level 4, batt. 2

Finds: PZ 77.1039 P
PZ 77.1040 T

PZ 77.864 J female w/ hive head

PZ 77.865 T round low weight w. 2 holes

RF sherd 'sun' design

PZ 77.863 P



RF sherd meander design



small unguentarium

figurine base PZ 77.1041 T

N'-6, O'-6 level 6, batt. 1 finished

PZ 77-1029^f noticeable tile fall and concentration of pottery - area cleaned for photographs



square block w. hole discovered in the process of cleaning the tile fall E of the wall, just N of the well point pipes

Finds:

statuette frag.
seated fig - hand + upper part of throne

1 box of sherds - a surprising amount of coarse ware

2 RF sherds - one with the profile of a woman's face - might belong to the vase.

Elevations:

tiles N end - 9.73

tiles S end - 9.58

square block - 9.58

block w. mason's mark - 9.31



N-6, 0'-6

level 6 batt. 2

tiles lifted, beginning at
the S end.

heavy black soil - carbon

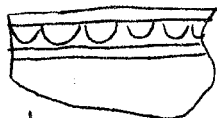
PZ 77-1036 P Finels: pottery: PZ 77-841 P PZ 77-846 P
PZ 77-842 P
- more RF sherds

PZ 77-839 T statuette frag PZ 77-844 T

Black glaze cup

PZ 77-845 T figure 8' shaped loomweight

PZ 77-843 P thin black sherd w. loop
design

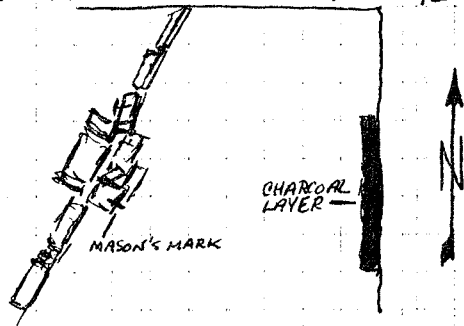


PZ 77-840 T satyr's head - bearded
notic teeth

pepilo vase, neck to wall

Vase in wall removed - level 5
in E edge of wall - pinkish (pinkish)
sile, well preserved
also, neck and handle of
crane ware - see sketch p. 112

LOCATION OF CARBON SAMPLE, N. O' - 6, LEV. 6, BATT. 2



Carbon sample taken: 77-1015SS

CARBON SAMPLE - LARGE ROUGHLY RECTANGULAR

concentration of carbon, c. 3.00 m. x 0.40 m x 0.03 m.

(Actual width is greater since charcoal layer extends into N¹, 0¹-7). MANY LIMBS AND LEAVES IN A GRAY CLAY MATRIX WHICH HAS A GREENISH TINT. ■ Possibly

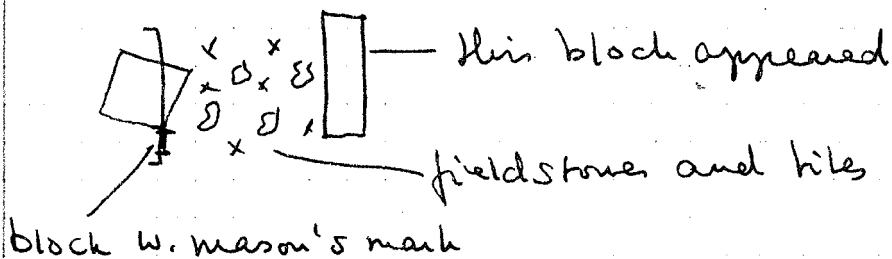
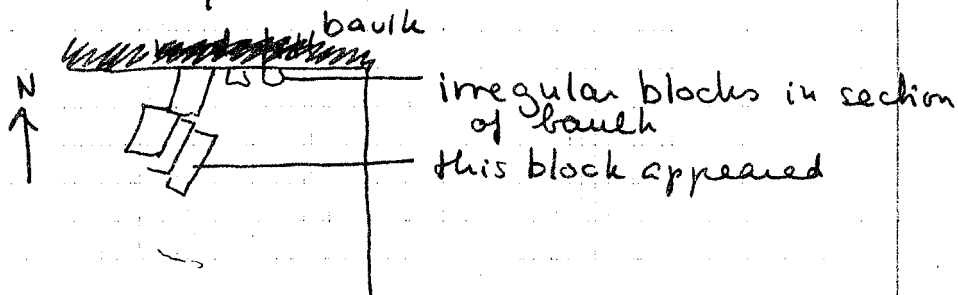
the remains of a large burnt beam of wood.

Sample located in the east end of the square, c. 3.20 m. EAST OF MASON'S MARK AND 4.50 m. SOUTH OF NORTHEAST CORNER OF THE SQUARE. Rootlets present.

Actual level = -9.78 m.

N'-6, O'-6 level 6 batt. 3

Sketch of details:



level 6, batt. 3

more tiles and more blocks
visible - indication of field-
stone pavement.
heavy dark soil - wet and
difficult to work in NE corner

burnt area continues along E
edge of square - cf. previous
battuta

Finds:

pottery PZ 77.1038P

statuette frags

large base for pillars

small cup on pavement

— DEFINITION OF LEVELS IN AREA OF 6TH C. STRUCTURE —

- LEVEL 1 - COMPLETELY EXCAVATED IN 1976.
- LEVEL 2 - GRAVEL AREA DOWN TO 0.05- 0.10m.
ABOVE PAVEMENT. (ONE AREA LEFT UNEX-
CAVATED IN 1976 ~~TO~~ ^{TO BE} TAKEN DOWN)
- LEVEL 3 - AREA DIRECTLY ABOVE + DOWN TO PAVE-
MENT. (AREA ^{TO BE} TAKEN DOWN THROUGHOUT
AREA UNDER EXCAVATION) ~~██████████~~
- LEVEL 4 - AREA BELOW LEVEL OF PAVEMENT. (AREA
TO BE TAKEN DOWN IN LARGE AREAS WHERE
NO PAVEMENT IS FOUND.)

EXCAVATION ~~HAD~~ ^{WAS} BEGUN TO DETERMINE THE EXTENT OF THE SIXTH CENTURY STRUCTURE. THIS OPERATION TOOK PLACE AROUND WALLS $\mu, \mu', \mu'', \mu''', \lambda, \lambda', k, p, q$ AND AREAS A, B, C, E, F, V, X, Y, +Z. LEVELS 1 AND 2 WERE EXCAVATED IN 1970 AS WELL AS PART OF LEVEL 3. THIS WORK WILL BE CARRIED OUT WITH TWO WORKMEN DOING HEAVY PICKWORK AND ONE STUDENT TROWELING.

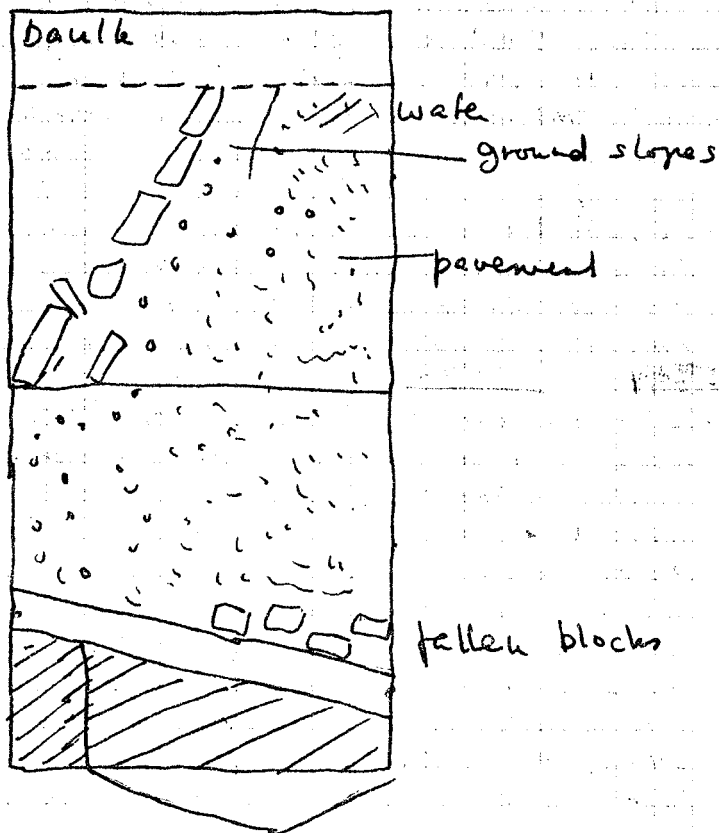
$N', O', -2, -3$ LEVEL 3 (INCLUDES SOIL ACCUMULATED THROUGH YEAR) CLEARING OPERATION BEGAN IN AREA JUST NORTH OF μ ; AREA WAS MOSTLY EXCAVATED IN 1976, THEREFORE FINDS ARE FEW. MATERIAL: COARSEWARE WITH SOME GLAZE WARE.

77-1042P

~~$N', O', -2, -3$ LEVEL 3 CARBON SAMPLE~~

~~LIMBS AND LENSES FOUND IN AN AREA BOUNDED BY BROKEN POTTERY. FRAGMENTS APPEAR TO REPRESENT MORE THAN ONE VESSEL AND WERE KEPT SEPARATE IN THE LOT. POTTERY IS ALL ORANGE COARSEWARE AND MOST FRAGMENTS APPEAR TO BELONG TO A LARGE BOWL. ONE RIM FRAGMENT FROM A SMALLER BOWL HAS A LINEAR ^{DECORATION} ~~DESIGN~~ ON ITS EXTERIOR AND GLAZE ON ITS INTERIOR. SAMPLE WAS LOCATED IN $N'-3$, LEVEL 3, 2.90 m. NORTH OF μ AND C. 0.10 m. EAST OF q . SAMPLE WAS IN A GRAY CLAY MATRIX WITH STREAKS OF REDDISH SAND. ROOTLETS WERE PRESENT. ACTUAL LEVEL -9.22m~~

N'-6, O'-6 level 6 batt. 4



area not
excavated
below level 3

Tuesday July 12, 1977

work continued in 3 areas

1) N¹-6, O¹-6

2) N¹-6

3) N¹-2, N¹-3, O¹-2, O¹-3

N¹-6, O¹-6

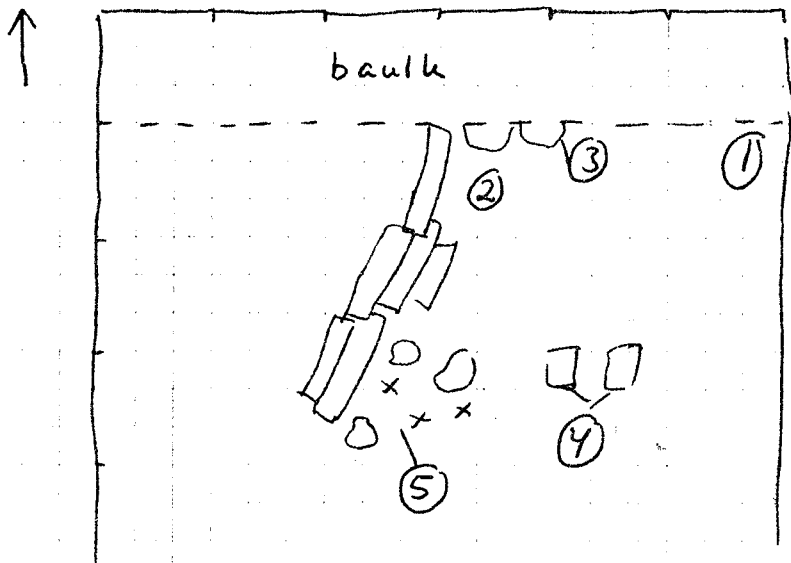
level 6 batt. 4

very dark, heavy soil over
pavement; partly uncovered
in the prev. batt.; whole
square cleared to show
extent of pavement.

[remaining part in S end of
square of batt. 3 cleared -
produced large hills - one
cover hills assembled from frag.]

PZ 77-1061P Find: PZ 77-1051 P PZ 77-1058P
PZ 77-1062T PZ 77-1060P PZ 77-1059T
PZ 77-892T NE cover: feet + 2 frags of
PZ 77-920T large statuette ('San Nicole')
grayish clay - probably
due to fire (maybe the
same fire that resulted in
the carbon layer in the
E edge of the square)

elevations - level 6, batt. 4
N'-6, O'-6



- ① deepest point of NE corner - 10.17
- ② greenish-gray soil - 9.88
- ③ stones in section of baulk - 9.62
- ④ blocks in center of pavement - 9.76
- ⑤ pavement immediately E of wall - 9.94

pottery

few tile fragments lifted - all
large

pavement consists of small
tile frags. and field stones
placed unevenly.

PZ 77.893P fragments of large flat bricks

PZ 77.894 M
pavement cleaned -

wheelbarrow ramp removed
PZ 77.1049 P

M'-6 for sketch, see p. 142

M'-6 level 4, batt. 2 cont'd from yesterday

Finels: PZ 77-896 P

few tiles

PZ 77-1063 P 1 box of coarse sherds

PZ 77-1064 B

worn volute female bead
at S edge PZ 77-895 T

M'-6 level 4, batt. 3

battuta started at N part
of square - soil is there
very wet and sandy.

few tiles at N end.

stone blocks begin to
appear in center of square.

Finels:

PZ 77-935 P total of 3 boxes of sherds

PZ 77-1050 P mostly fragile coarse ware

PZ 77-1052 P find circumstances very
bad - everything very wet
and breechable

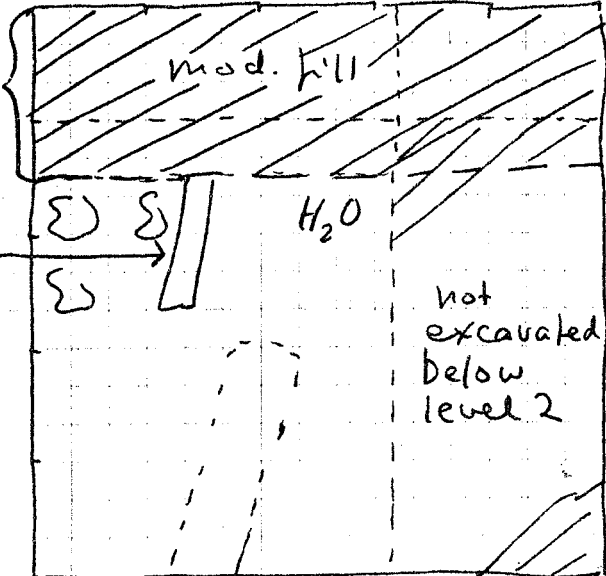
PZ 77-898 T round loom weight

M'-6

level 4, bath. 3-4



1.50



level 3

H₂O

not
excavated
below
level 2

N'-6

bault

unguentarium PZ 77.897 P
small ayballs

PZ 77.933 T statuette frag. throughout

PZ 77.939 T square but deposit in NE

PZ 77.940 T corner produced a total of

PZ 77.1053 T box of frag. - all very
fragile - some poorly fired

different clay types discernible,
also different sizes -

female heads, male head,
bearded,
foot
hands

few tiles w. stat. frags - more
along E edge - a few painted
tiles (red, white) yellow -
graphed in situ.

M-6

level 4, batt. 4

reached water level in NE
corner

blocks visible in center.

PZ 77.1055 P PZ 77.1056 T

N' 0' -2-3, LEVEL 3 77-1069P 77-1048P

WORK CONTINUES IN EFFORT TO CLARIFY 6TH C. STRUCTURE. SO FAR MOST EFFORT HAS BEEN INVOLVED IN CLEANING UP AREA PREVIOUSLY CLEARED IN 1976.

FRAGMENT OF A LONG PIN FOUND. 77-891M

~~PIECE OF LEAD 0.049 m. long Found, function unknown~~

N' 0' -2-3, LEVEL 3 CARBON SAMPLE 77-890SS

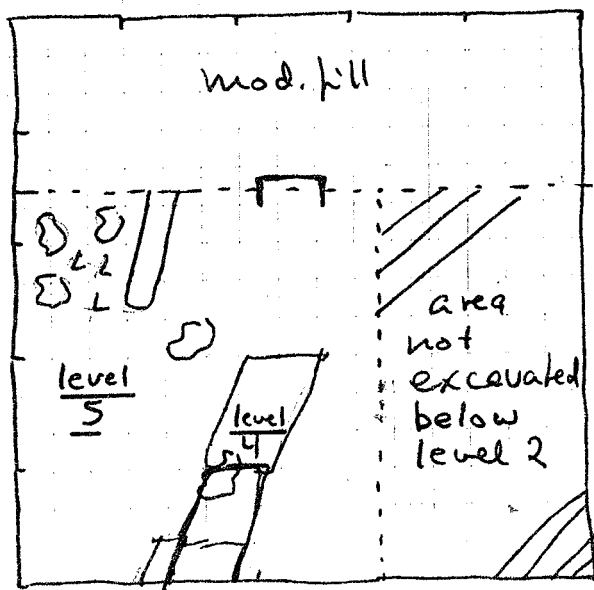
LIMBS AND LENSES FOUND IN AN AREA BOUNDED BY BROKEN POTTERY. SAMPLE WAS LOCATED IN N'-3, LEVEL 3, 2.90m. NORTH OF μ AND 0.010 m. EAST OF ϕ , AND WAS IN A GRAY CLAY MATRIX WITH STREAKS OF REDDISH SAND. ROOTLETS PRESENT. ACTUAL LEVEL = -9.22m.

77-1047P POTTERY FRAGMENTS APPEAR TO BE FROM MORE THAN ONE VESSEL. POTTERY IS ORANGE COARSEWARE AND MOST SHERDS APPEAR TO BELONG TO A LARGE BOWL. ONE ~~IS~~ RIM FRAGMENT FROM A SMALLER BOWL HAS A LINEAR DECORATION ON ITS EXTERIOR AND ITS INTERIOR IS GLAZED.

N' 0' -2-3 LEVEL 2

AREA UNEXCAVATED IN 1976 TAKEN DOWN. FINDS FEW, INCLUDE A LOOMWEIGHT OR SPINDLE WHORL. 77-1046T

M-6



elevation of blocks: -9.04

Wednesday July 13, 1977

work cont'd in the following areas:

- 1) M'-6
- 2) N'-6, O'-6
- 3) N'-7, O'-7
- 4) N'-2, N'-3, O'-2, O'-3

M'-6

The wall in N'-6, O'-6 was proved to continue in M'-6 with two large conglomerate blocks, ca 1.0 m. long. The texture of the conglomerate is very brittle. Virgin soil (?) to the W of the wall. Unfortunately we also hit the water level, and the water was seeping out from the NE corner. In order to explore the area between the N end of the blocks and the modern fill, the edge of the fill was shaved at one point. Statue pass. appeared immediately, but also water. Since there was no sign of any more blocks, work stopped.

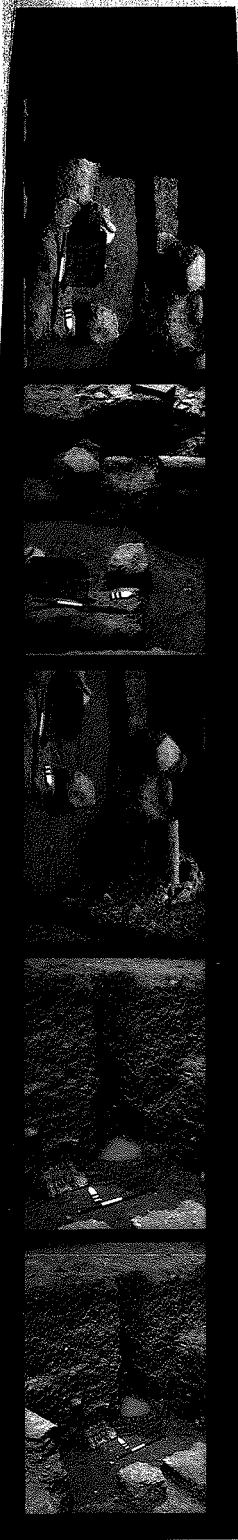
PZ 77-950 T

PZ 77-951 P

PZ 77-1094 P

PZ 77-952 T

PZ 77-953 P



N^o-6, O^o-6

removal of wheelbarrow
 ramp cont'd. level 6, batt. 4
 cont'd in S part of trench,
 immediately N of well point
 pipes. (Note that area south
 of pipes have not been
 excavated below level 6?
 fragments of wood stuck in
 soil between stone and concrete
 PZ 77-948 W sample taken

M^o-6

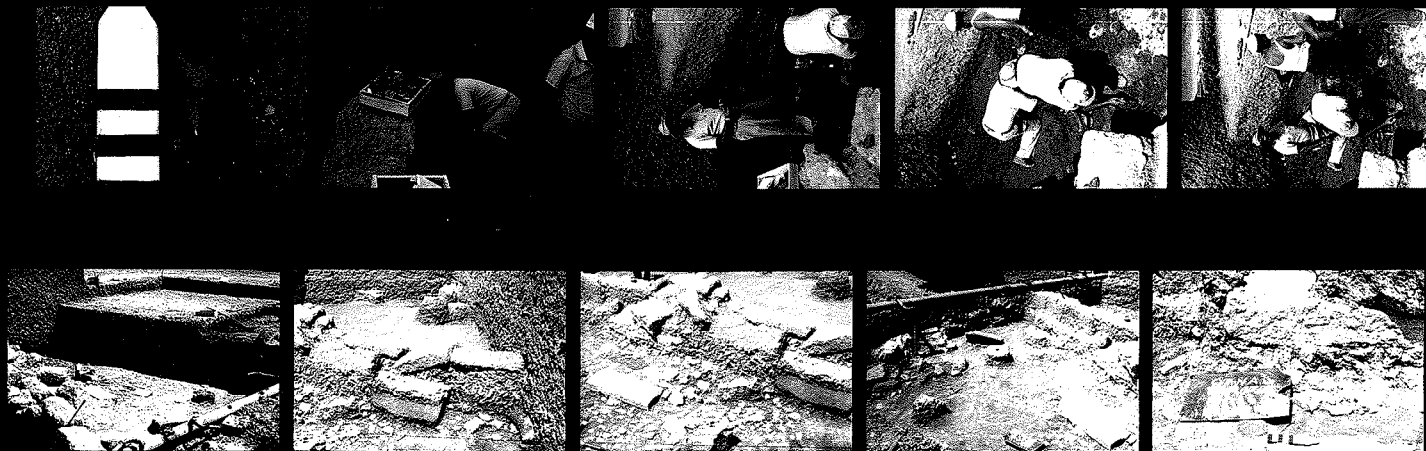
level 5 batt. 1

level 5 defined as the level
 below the surface of the
 blocks (tilted, not standing
 upright)

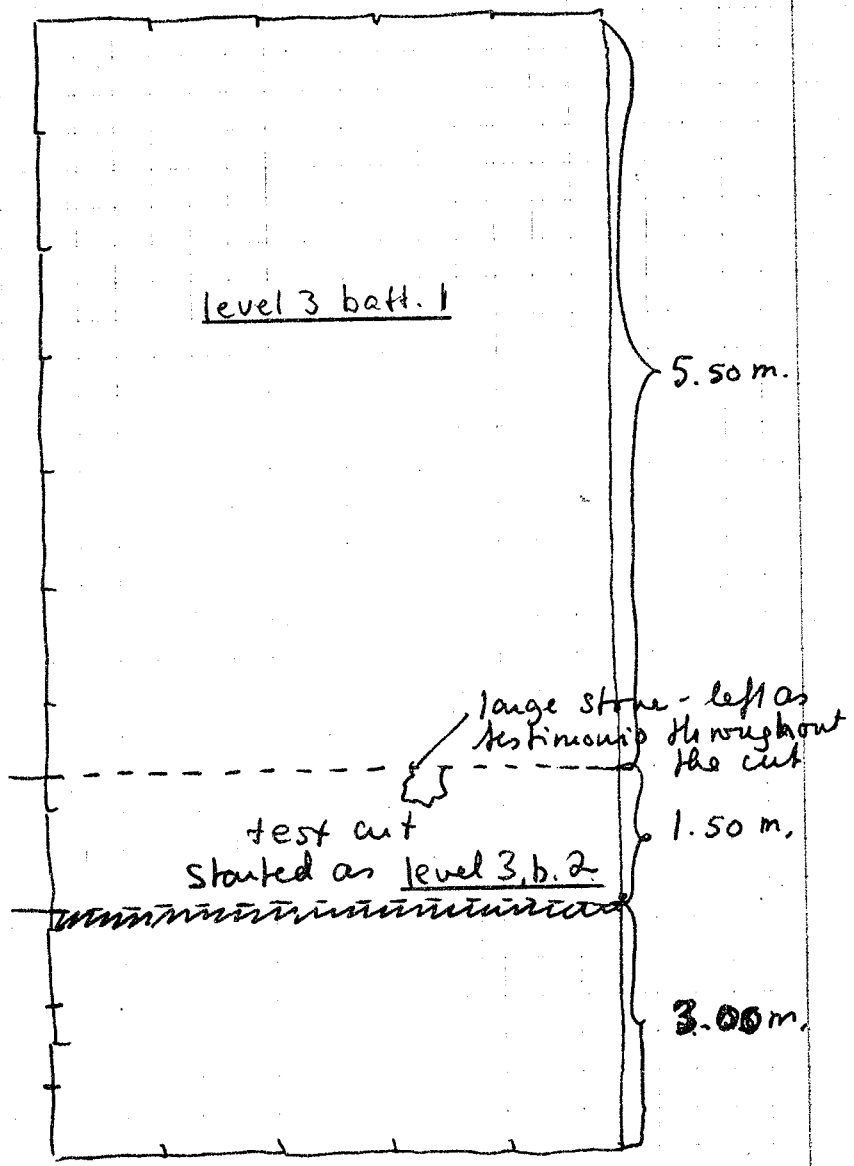
Findings:

from slope rovine in NE corner:
 more stat. frags.
 2 small complete vases
 large flat TC pan, basin

PZ 77-1095 P1 bot of sheds



N'-7, O'-7



not to scale

N'-7, O'-7

a cut was started, going E-W, with a width of 1.50 m. Purpose is to find a parallel wall which defined the large wall in N'-6, O'-6 and the pavement to the east of it.

The square had been started earlier - the first cut was plus continued as level 3, batt. 2 (above, p. 91), level 3, batt. 2 (one small bag of sherds; one lead ring), level 3, batt. 3

Findings: very little pottery

PZ 77.944M lead weight
level 3, batt. 4

Findings: few sherds

PZ 77.945T few stat frags.
level 3, batt. 5

Findings: few sherds PZ 77.1070P

PZ 77.946T stat. frags. PZ 77.1071T
level 3, batt. 6 - dark heavy

Findings: ^{soil} few sherds

level 4, batt. 1

corresponds to 2d hillfall in N'-6, 0'-6, but fewer hills. dark, heavy soil.

N', 0'-2, -3. LEVEL 3 (INCLUDES SOIL ACCUMULATED OVER YEAR)

HEAVY PICK WORK COMPLETED AND TROWEL WORK BEGUN. ■ IN EASTERN CORNER FORMED BY $\mu + \mu''$ THERE ARE TWO

TYPES OF PAVEMENT AND POSSIBLY A WATER CHANNEL. ONE AREA OF PAVEMENT HAS SMALLER STONES & IS AT A LOWER LEVEL THAN THE SURROUNDING PAVEMENT. IN AREA

IMMEDIATELY EAST OF λ NO PAVEMENT AS OF YET HAS BEEN UNCOVERED, FURTHER INVESTIGATION IS REQUIRED.

AN AREA C. 1.90 m. NORTH OF THE INTERSECTION OF $K + \lambda$ AND C. 0.30 m. EAST OF λ YIELDED A COMPARATIVELY

LARGE AMOUNT OF POTTERY. AREA APPEARS TO BE SUNKEN WITH A PAVEMENT POSSIBLY PRESENT AT A LOWER LEVEL, FURTHER TROWEL WORK IS NECESSARY. MATERIAL WAS

COARSEWARE WITH SOME GLAZE WARE, CHARACTERISTIC 6th C. RIM SHAPE PRESENT. MATERIAL THROUGHOUT AREA

WAS COARSEWARE AND SOME GLAZE WARE. A PIECE OF LEAD 0.049 m. long WAS ALSO FOUND. ITS FUNCTION IS

UNKNOWN. REMNANTS OF WOODEN POST FOUND C. 0.30 m. EAST OF μ'' THE SURVIVAL OF ANCIENT WOOD IS DOUBTFUL,

AND IS MOST LIKELY MODERN.

M', N', -1 AREA BOUNDED BY $\lambda, \lambda', \mu'' + P'$. LEVEL 3

HEAVY PICKWORK BEGUN & COMPLETED; TROWEL WORK BEGUN. PAVEMENT APPEARS TO BE PRESENT THROUGHOUT

AREA, FURTHER TROWEL WORK NECESSARY. MATERIAL:

COARSEWARE & GLAZE WARE WITH 6th C. RIM FRAGMENTS.

N' -1 AREA BOUNDED BY $\lambda, \lambda', & K$. LEVEL 3.

HEAVY PICKWORK BEGUN. MATERIAL: COARSEWARE INCLUDING TWO LEKANE FRAGMENTS, ONE LOOMWEIGHT, AND SOME GLAZE WARE. 6th C. RIMS PRESENT. PAVEMENT

17-1100P

17-1105P

17-1104P

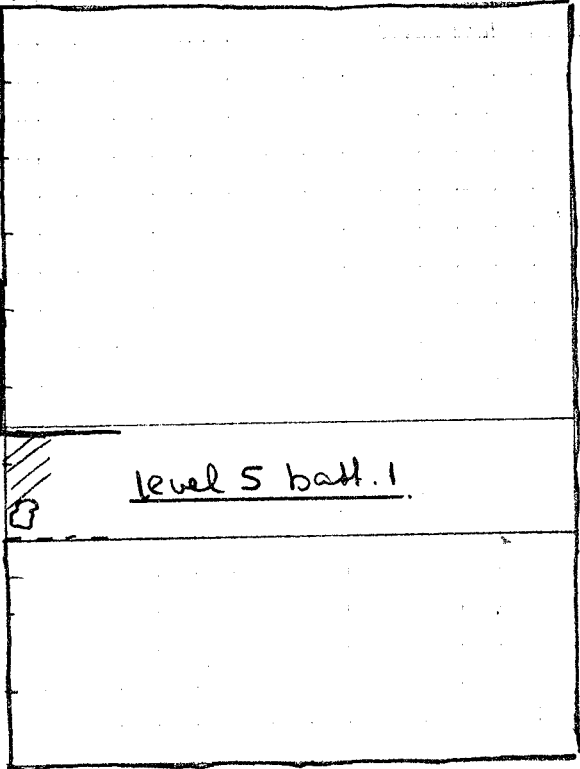
APPEARS TO BE PRESENT THROUGHOUT AREA BUT TROWEL
WORK IS NECESSARY.

N'-70'-7

carbon
in →
section

mudbrick

level 5 batt. 1



Thursday July 14, 1977

work continued in these areas:

- 1) N'-7, O'-7, N'-8, O'-8
- 2) N'-1, N'+1, N'-2, O'+1, M'-1, N'-1

N'-7, O'-7

level 4, batt. 1 cont'd

Find: 1 bag of sherds PZ 77.1072P ¹⁰⁷²

level 4, batt. 2 started

corresponds to carbon sheet noted in N'-6, O'-6 [definition of levels needs to be correlated between all these squares].

Find: 1 bag of sherds PZ 77.1073P

level 5, batt. 1

level of carbon. remains of a mudbrick found above the carbon. tiles around and under the brick. brick photos grabbed and sample taken. PZ 77.100955

[This battuta should really count as two - Giuseppe was leaning through the soil trying to find the blocks. Instead, the pavement from N1-6, O1-6 began to appear with field stones and tile.]

Finds: 1 bag of seeds PZ 77.1075P
 PZ 77.998T
 PZ 77.1076T pyramidal low weight.

(some of the material heavily burnt)

level 5, batt. 2

Finds: little pottery PZ 77.1077P
 PZ 77.999P
 frags of mud brick

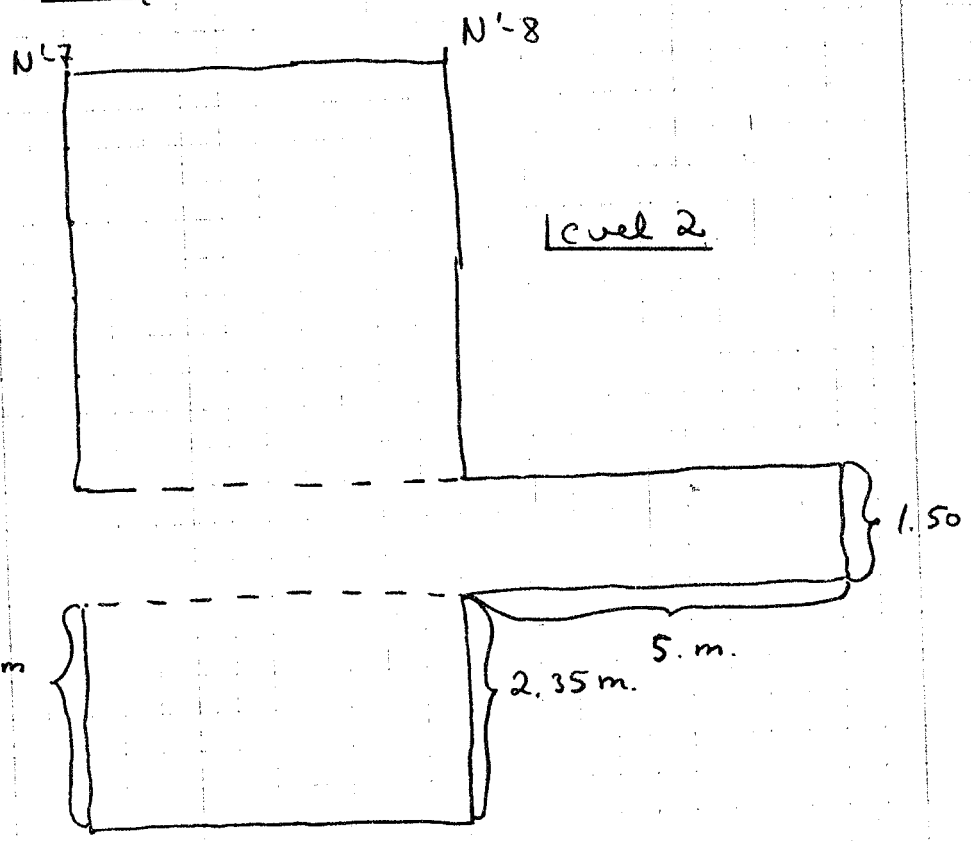
PZ 77.1017T stat. frag. - head
 tile fall at E. end

level 6, batt. 1 = pavement
 elevation - 10.15

pavement cleared. tile-fall cleared and left at E end

one block from level 3 left as a testimonio (makes the trench look like a diomon)

N'-8, O'-8



Not to scale - schematic outline only

PZ 77.1078P
 Finds: small cup, complete
 PZ 77.1000P

N'-8, O'-8

a test cut was started to the
 E, as an extension (5 m.),
 width of 1.50 m. of the cut in
 N'-7, O'-7 (level 1 removed by
 bulldozer)

level 2, battuta 1

no finds! grey, dry soil

level 2, batt. 2

1 plain tile frag.

no pottery

sample taken of seed kernel

level 3, batt. 1

level defined by the dark
 heavy soil

Finds: few bones PZ 77.1088B

PZ 77.1078P } 2 sherds w. 'rippled'
 design
 } 1 round loomweight

N'-8, O'-8

level 3, batt. 2

again, rich brown soil. 4-5
stones lifted (- unconnected)

Finels: (they hardly deserve
that name!)

tile shivers

4-5 sherds PZ 77.1089 P

1 piece of glass (modern?)

level 3, batt. 3

Finels: very few tiles

2 bone frags

five sherds PZ 77.1090 P

level 3, batt. 4

Finels: few sherds PZ 77.1091 P

1 RF sherd w. spiral
design

N' -1 AREA BOUNDED BY $\lambda, \lambda', +K$ LEVEL 3.

HEAVY PICKWORK COMPLETED AND TROWEL WORK NOW REQUIRED. THERE APPEARS TO BE A WALL AT THE 6th c. LEVEL RUNNING PARTIALLY UNDER λ . EXACT NATURE OF PAVEMENT CAN NOT YET BE DETERMINED.

77-1067P

N' +1 LEVEL 3 [REDACTED]

HEAVY PICKWORK BEGUN ^{AND COMPLETED}. A SMALL TWO HANDED VOTIVE VASE WAS FOUND AT THE LEVEL OF THE PAVEMENT, 77-990P TROWEL WORK NOW REQUIRED.

N' -2, LEVEL 3

TROWEL WORK CONTINUES, PAVEMENT PRESENT THROUGHOUT AREA IN VARYING DENSITIES. FINDS WERE FEW IN NUMBER: SOME COARSEWARE AND GLAZE WARE WITH ONE BONE. SEVERAL PIECES OF A LARGE 6th c. BOWL WITH A HORIZONTAL BAND DECORATION AND SEVERAL PIECES OF A SMALL BOWL OR CUP WITH BAND DECORATION WERE FOUND.

77-1068P

O' +1 LEVEL 3 AREA WEST OF END OF K, RESTRICTED BY END OF K AND PUMP AREA.

77-1004P

HEAVY PICKWORK BEGUN. TWO SMALL TWO HANDED

77-1005P

VOTIVE VASES FOUND SIDE-BY-SIDE JUST WEST OF THE END OF K. VASES ARE OF SAME TYPE AS VESSEL FOUND IN N' +1 LEVEL 3 AND WERE c. 3.00m. SOUTHEAST OF ITS FINDSPOT. A LINE OF STONES HAS APPEARED WHICH MAY

77-1092P

BE A CONTINUATION OF μ . MATERIAL SCANTY: COARSEWARE + GLAZE WARE.

M', N', -1 LEVEL 3 AREA BOUNDED BY $\lambda, \lambda', \mu''', +P'$

TROWEL WORK CARRIED OUT ALMOST TO COMPLETION. PAVEMENT THROUGHOUT AREA IN VARIED CONCENTRATION. NORTHWEST AREA OF PAVEMENT SEEMS DEVOID OF

77-1065P

PAVEMENT. FINDS FEW: COARSEWARE + GLAZE WARE INCLUDING A COARSEWARE SPOT WHICH MAY BE AN IRON SMELTING SPOT. 77-989P

* this

N'-8 O'-8

level 4, batt. 1 dark stain



FRIDAY JULY 15, 1977

Last day of full-scale excavation.

Work continued in the following areas:

- 1) N¹-8, O¹-8
- 2) N¹-7, O¹-7
- 3) O¹+1, N¹-1, M¹-1, N¹-1, N¹-2, O¹-2

N¹-8, O¹-8

level 4 batt. 1 grey, heavy soil, 0.70 m. below present level 2. dark stain in soil at N edge of cut

level 4, batt. 2

few tiles visible

Finds: small bag of sherds
votive head PE 77.1001T

level 4, batt. 3

grey, clay-ish soil

some tiles; small bag of sherds

N¹-8, 0'-8

level 4, batt. 4

grey soil; very few sherds
and tiles

level 4, batt. 5

grey soils; small lumps
of mud brick

1 small bag of sherds, in-
cluding 1 stat. frag.

level 5, batt. 1

level 5 is characterized by
black soil.

very few tiles (none towards
the W. end)

small bag of sherds

level 5, batt. 2

tiles continue at the W end
virgin soil at E end

level 5, batt. 3

tile fall at W end - black soil
virgin soil at E end

KODAK SAFETY FILM 5063

→ 16

KODAK SAFETY FILM 5063

→ 16A

→ 17

→ 17A

KODAK SAFETY FILM 5063

KODAK SAF

KODAK SAFETY FILM 5063

KODAK SAFETY FILM 5063

KODAK SAFETY FILM 5063

→ 3A

KODAK SAFETY FILM 5063

→ 4A

→ 5

KK

→ 5A
KODAK SAFETY FILM 5063

→ 6A

KODAK SAFETY FILM 5063

→ 8

KODAK SAFETY FILM 5063

→ 9A

KODAK SAFETY FILM 5063

→ 10



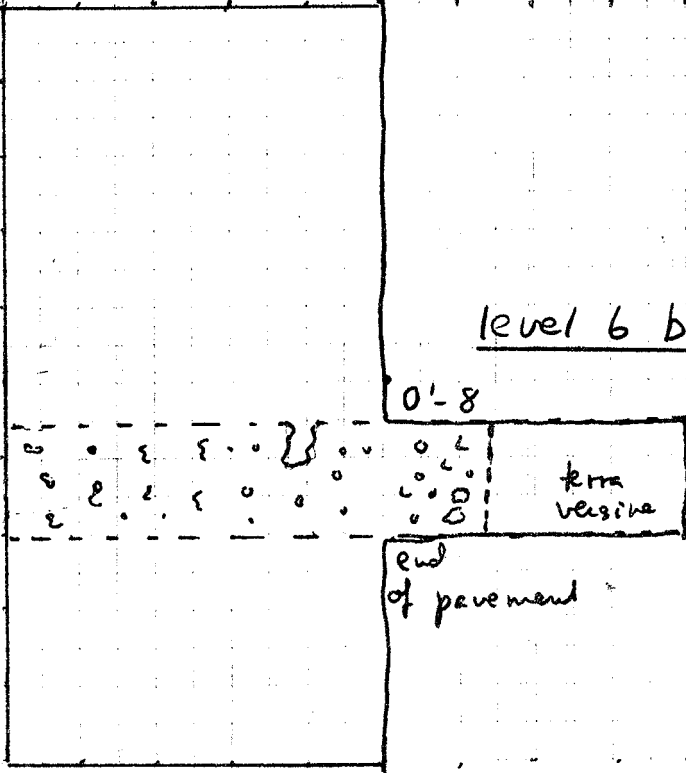
N-7

N-8

level 6 batt. 2

0'-7

0'-8



terra vesina

end of pavement

complete W. of cover tile

1 small bag of shreds

level 5, batt. 4

few tiles, few shreds, 1 bone

level 6, batt. 1

level 6 is characterized by a dark brownish-black soil-heavy - corresponds to pavement in N'-6, O'-6 and N'-7, O'-7.

a few tiles in section
1-2 shreds

level 6, batt. 2

extent of pavement outlined - ends abruptly at 1.40 m E.

two pieces of wood PZ 77.1002
spindlewheel w. wood peg PZ 77.1003 T

N'-7, O'-7

level 5, batt. 2

tile fall at E end

Finds: small vase w. narrow neck
few shreds

O' +1, LEVEL 3 AREA WEST OF K

AREA EXTENDED EASTWARD ALONG SOUTH EDGE OF K. LARGE STONE CONTINUE TO BE UNCOVERED WHICH MAY BELONG TO A WALL. THERE EXACT FUNCTION IS STILL NOT CLEAR. PAVEMENT PRESENT IN AREA. MATERIAL CONSISTS MOSTLY OF COARSEWARE WITH SOME GLAZE WARE, ONE FRAGMENTARY VOTIVE VASE, ONE CHARACTERISTIC 6th C. RIM FRAGMENT. TROWEL WORK ~~CONTINUES~~ NECESSARY.

77-1093P

N' -1 LEVEL 3 AREA BOUNDED BY K, λ, + λ'

TROWEL WORK CONTINUES. PAVEMENT APPARENTLY PRESENT THROUGHOUT AREA. UNUSUAL CIRCULAR CONFIGURATION OF STONES IN PAVEMENT AREA. MORE TROWEL WORK REQUIRED TO DETERMINE WHETHER IT IS DUE TO ACCIDENT OR ~~WAS~~ SERVED SOME FUNCTION. NO CHARCOAL FOUND IN AREA TO INDICATE ITS FUNCTION AS A FIREPLACE. MATERIAL VERY SCANTY; LÉKANE FRAGMENT, SOME GLAZE WARE, 6th C. RIM, AND A FEW OTHER ASSORTED COARSEWARE SHERDS.

77-1116P

M', N' -1 AREA BOUNDED BY λ, λ', μ''', + ρ' LEVEL 3.

TROWEL WORK BEGUN AND BROUGHT ALMOST TO COMPLETION. PAVEMENT PRESENT THROUGHOUT AREA. FINDS FEW IN NUMBER: ASSORTED COARSEWARE & GLAZE WARE FRAGMENTS. 77-1114P

N', O' -2 LEVEL 3 AREA ALONG EAST EDGE OF λ

PAVEMENT AREA PARTIALLY CLEANED. SHERD DENSITY CONTINUES TO BE HEAVY, MOST SHERDS WERE LEFT IN SITU FOR PHOTOGRAPHY. SOME STONES IN AREA APPEAR TO HAVE FALLEN FROM A WALL. MATERIAL: COARSEWARE AND GLAZE WARE, CHARACTERISTIC 6th C. RIM TYPE. CLEARING OF AREA WILL CONTINUE.

77-1117P

Saturday July 16, 1977

Pranzo.

MONDAY JULY 18, 1977

N, O' - 2 LEVEL 3 AREA ALONG EAST EDGE OF PAVEMENT
PAVEMENT NOT PRESENT IN AREA BETWEEN LARGE WORKED
STONE LEFT INSITU AND THE WESTERN CORNER FORMED BY
M & M". PAVEMENT AREA ABOVE NORTH EDGE OF WORKED
STONE MAY BE IN CIRCULAR CONFIGURATION, BUT EXACT
NATURE IS IMPOSSIBLE TO DETERMINE DUE TO PRESENCE
OF STONE.

O' - 2 LEVEL 3

TROWEL WORK CONTINUES FROM ABOVE. THERE IS EVIDENCE
OF PAVEMENT THROUGHOUT AREA, ALTHOUGH ITS STATE OF
PRESERVATION VARIES FROM PLACE TO PLACE.

O, P' - 1 LEVEL 3

AREA TAKEN DOWN ALONG WEST EDGE OF SOUTHERNMOST
FRAGMENT OF A DOWN TO THE CANAL. PAVEMENT
APPEARS TO BE PRESENT THROUGHOUT AREA, BUT TROWEL
WORK IS NECESSARY. MATERIAL IS PREDOMINATELY
COARSEWARE WITH SOME GLAZE WARE.

H' - 2 cleaning of walls

~~work, work~~ ~~work~~ ~~work~~

TUESDAY JULY 19, 1971

N'-1, LEVEL 3 CARBON SAMPLE

SAMPLE TAKEN BY BRUNO FROM UNDERNEATH WALL WHICH RUNS BELOW SECTION OF λ INTERSECTED BY λ' + K. LIMBS AND LENSES IN A GRAY CLAY MATRIX WITH REDDISH SAND PRESENT. ROOTLETS ALSO PRESENT. ASSOCIATED WITH PAVEMENT WHICH APPEARS TO RUN UNDER WALL. ACTUAL LEVEL = - 9.35m.

O', P'-2, -3 LEVEL 3 (AREA CONTAINS SOIL ACCUMULATED DURING THE YEAR)

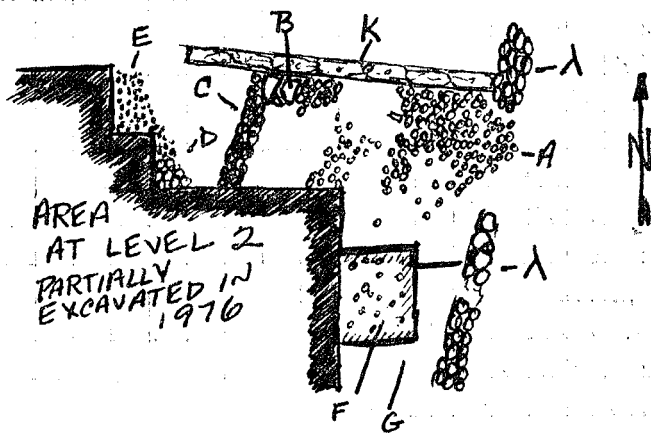
WORKERS BEGIN CLEARING OF AREA SOUTH OF μ AND IN + AROUND B, V, AND Z. PAVEMENT APPEARS TO BE PRESENT IN PLACES, BUT MUCH MORE HEAVY PICKWORK AND TROWEL WORK IS NECESSARY. ONE NEARLY COMPLETE ROOF TILE HAS BEEN UNCOVERED IN P'-3. MATERIAL CONSISTS OF COARSEWARE AND GLAZE WARE: TWO LEKANE FRAGMENTS INCLUDING ONE LARGE RIM FRAGMENT WITH A HANDLE, ONE AMPHORA HANDLE, ONE PYRIMIDAL LOOMWEIGHT, ONE "FLYING SAUCER" - OBLATE LOOMWEIGHT, FRAGMENTS OF SKYPHOS, CUPS, BOWLS, ETC.

O'-1 LEVEL 3 AREA ALONG AND SOUTH OF K TROWEL WORK CONTINUES. FINDS FEW: COARSEWARE WITH SOME GLAZE WARE. PAVEMENT DECREASES IN CONCENTRATION AND THEN DISAPPEARS c. 1.50 - 2.00m. SOUTH OF K. FURTHER TROWEL WORK IS NECESSARY.

M'-2 cont'd cleaning of walls - points of interest noted in the site plan

N'-6, O'-6 N-S. profile drawn

— O'-1 LEVEL 3 AREA ALONG & SOUTH OF K —



AREA
AT LEVEL 2
PARTIALLY
EXCAVATED IN
1970

- A. PAVEMENT WITH TILE & POTTERY FRAGMENTS & SOME STONES WHICH MAY HAVE FALLEN FROM ABOVE.
- B. FIELDSTONES & BLOCKS EXTENDING FROM THE WALL.
- C. WALL.
- D. CONCENTRATION OF FIELDSTONES.
- E. LAYER OF SMALL PEBBLES AND ROCKS.
- F. AREA WITH FIELDSTONES ON ITS SURFACE. LEVEL 2 PARTIALLY TAKEN DOWN IN 1970.
- G. AREA WITH LEVEL 2 REMOVED.

WEDNESDAY JULY 20, 1977

O¹, P¹-3, -4 LEVEL 3 (INCLUDES SOIL ACCUMULATED OVER COURSE OF YEAR)

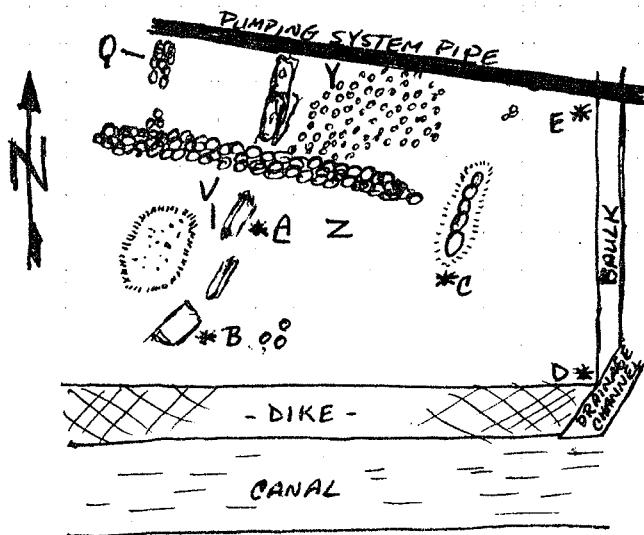
WORK CONTINUED FROM YESTERDAY IN AREA SOUTH OF M. FIN'S FEW IN NUMBER: VARIOUS COARSEWARE & GLAZE WARE SHERDS, ONE PYRIMDAL LOOMWEIGHT OF YELLOW-GREEN COARSEWARE.

O¹-1 LEVEL 3 AREA ALONG AND SOUTH OF K.

TROWEL WORK COMPLETED. MANY FINDS LEFT IN SITU FOR PHOTOGRAPHY. FINDS CONSISTS OF COARSEWARE AND SOME GLAZE WARE WITH ONE HALF OF A SHELL. THERE APPEARS TO BE YET ANOTHER WALL IN THE WESTERN PORTION OF THIS AREA. IT IS C. 0.35m. IN WIDTH AND COMPOSED OF FIELDSTONES OF THE TYPE USED IN THE PAVEMENT. THE WALLS RUNS NORTHEAST - SOUTHWEST. IT APPEARS TO CONTINUE ON UNDER K INTO N¹-1, HOWEVER TROWEL WORK IN THIS AREA HAS NOT BE COMPLETED. THERE IS A CONCENTRATION OF STONES (FIELDSTONES & LARGE BLOCKS) WHICH EXTENDS EASTWARD FROM THE POINT WHERE THE WALL TOUCHES THE SOIL SUPPORTING K. CONCENTRATION IS C. 1.20 X 0.50m. THIS MAY BE A CROSSWALL ASSOCIATED WITH THE WALL IN O¹-1. FURTHER TROWEL WORK IN N¹-1 MAY CLARIFY THE SITUATION. THERE IS A CONCENTRATION OF FIELDSTONES IN THE SOUTHWEST CORNER OF THIS AREA WHICH MAY BELONG TO A WALL OR PAVEMENT, EXCAVATION FURTHER SOUTH IN O¹+1, -1 IS NECESSARY TO DETERMINE ITS EXACT NATURE. A LAYER OF SMALL PEBBLES AND ROCKS IS ASSOCIATED WITH THE ABOVE FIELDSTONE CONCENTRATION. IT LOOKS SUSPICIOUSLY LIKE A NATURAL DEPOSIT, HOWEVER DUE TO ITS POSITION THE POSSIBILITY CAN NOT BE EXCLUDED THAT IT IS A FINE PAVEMENT. FURTHER EXCAVATION TO THE SOUTH & WEST REQUIRED TO DETERMINE ITS EXACT NATURE. A COUPLE SMALL COARSEWARE SHERDS WERE ASSOCIATED WITH IT.

M-2 cont'd cleaning of walls
levels taken, and profile of
banks drawn

LEVELS AT BASE OF BATTUTA 3 O'P' - 3, -4



- A. = -9.31 m.
 B. = -9.30 m.
 C. = -9.31 m.
 D. = -9.21 m.
 E. = -9.20 m.

THURSDAY JULY 21, 1971

N', O', P' - 4 LEVEL 3 (INCLUDES SOIL ACCUMULATED OVER YEAR)

LEVEL COMPLETED: FINDS INCLUDE COARSEWARE + GLAZE WARE FRAGMENTS WITH LEKANE FRAGMENTS, A PYRIMIDAL LOOMWEIGHT, A CONICAL LOOMWEIGHT, 6TH C. RIMS, & ONE BRONZE EAR RING AND A "FLYING SAUCER" - OBLATE LOOMWEIGHT WITH DECORATION CONSISTING OF STAMPED TRIANGULAR SHAPES WERE ALSO FOUND.

LEVELS AT BASE OF LEVELS WERE TAKEN.

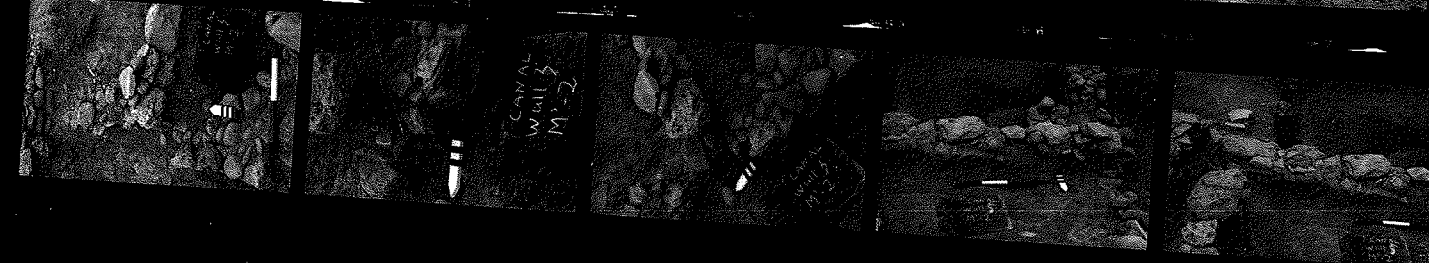
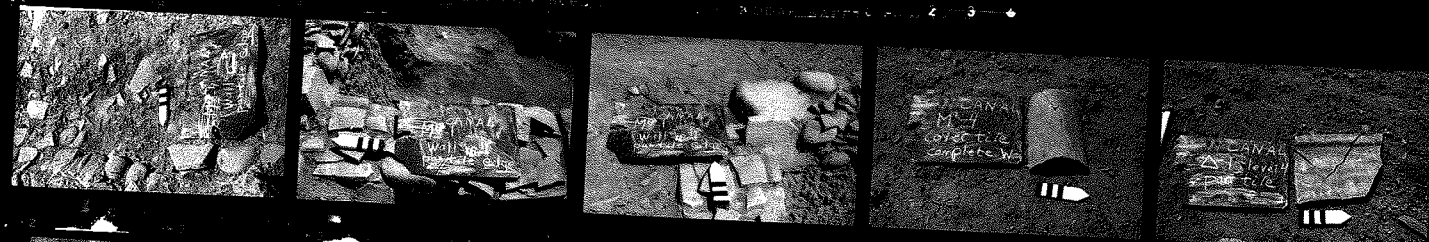
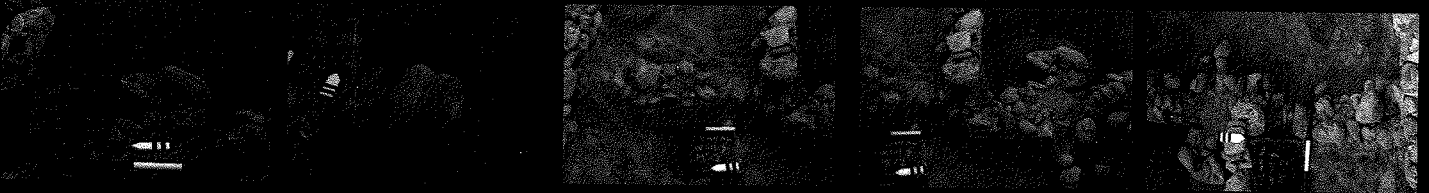
N'-1, LEVEL 3 AREA BOUNDED BY K, λ, + λ'

TROWEL WORK CONTINUES. PAVEMENT APPEARS TO BE PRESENT THROUGHOUT AREA. COARSEWARE + GLAZE WARE SHERDS MAKE UP MATERIAL - ONE PYRIMIDAL LOOMWEIGHT.

work w. sections and site plan cont'd. tiles sorted and studied. The hypothesis was presented that some of the flat pan tiles and angular cover tiles from the building in N'-6, O'-6, level 5 were used as building material for the walls in N'-3, N'-4 etc. Examples of such tiles in the walls were documented photographically.

In the process of cleaning the wall in N'-5, 6 and O'-5, 6 it became clear that the block on top of the block with the incised T and the block next to it (N) have large rust stain. Samples were taken, and the area photographed. The area under the block with the T was cleaned.

7/22/77



FRIDAY JULY 22, 1977

rain in the morning - cool

O'P1-3, -4 LEVEL 4, BATT. 1

THREE VOTIVE VASES AND TWO FRAGMENTS OF TERRACOTA FIGURINES FOUND JUST EAST OF LARGE CONGLOMERATE BLOCKS IN SITU. TWO VESSELS ARE OF THE TYPE FOUND PREVIOUSLY IN THIS CLEANING OPERATION, THE OTHER APPEARS TO BE MEANT TO BE A KYLIX. OTHER MATERIAL: VARIOUS COARSEWARE & GLAZE WARE SHERDS WITH ONE LARGE RIM FRAGMENT OF AN AMPHORA, ONE PYRIMIDAL LOOMWEIGHT. WORK IS SLOW DUE TO HARDNESS OF SOIL. SOME SIGNS OF PAVEMENT BUT IT AT PRESENT IS VERY SCATTERED.

N' - 1 LEVEL 3 AREA BOUNDED BY K, λ , λ' N' O' 1 - wall
TROWEL WORK COMPLETED. WALL IN O' - 1 CONTINUES NORTHWARD THROUGH AREA, BUT THERE ARE NO SIGNS OF IT IN AREA NORTH OF λ' . THERE IS A PAVEMENT TO THE EAST OF THE WALL, BUT ITS EXACT RELATION TO THE WALL IS UNCLEAR. PAVEMENT IS AT A LEVEL SLIGHTLY ABOVE THAT OF THE WALL IN SOME PLACES. SOME OF STONES IN PAVEMENT AREA APPEAR TO HAVE FALLEN FROM ABOVE. THE PAVEMENT PETERS OUT AND IS VERY SCATTERED WITHIN C. 1.50 - 1.00 M OF λ - THIS AREA IS POSSIBLY FALL.

N' + 1 LEVEL 3 AREA EXTENDING WEST FROM ABOVE SECTION TROWEL WORK COMPLETED. NO PAVEMENT IS DEFINITELY INDICATED. SEVERAL CLUSTERS OF STONES MAY BE PARTS OF WALLS OR BADLY PRESERVED PAVEMENT. IN FAR WEST OF AREA A CONCENTRATION OF STONES MAY BE PART OF A PAVEMENT. THEY ARE QUITE SCATTERED AND AT PRESENT IT IS IMPOSSIBLE TO DETERMINE THEIR EXACT NATURE. FUTURE EXCAVATION IN NEIGHBORING SQUARES MAY CLARIFY THE SITUATION. MATERIAL SCANTY: COARSEWARE AND GLAZEWARE

N 5.0'-5

baukh

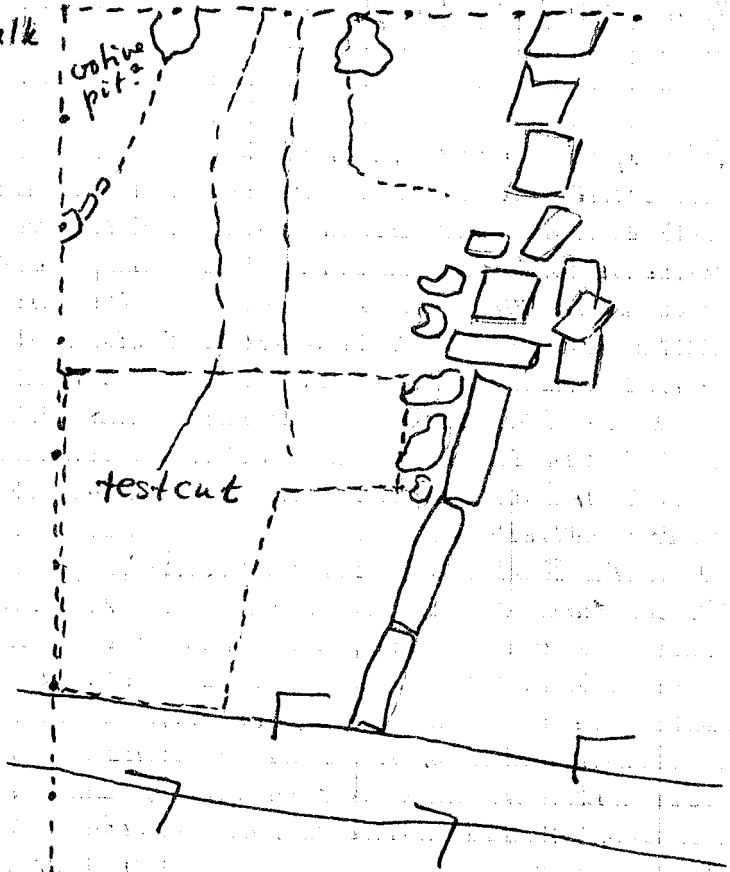
baukh

whive
pit

300

test cut

level 5,
batt. 6



Saturday July 23, 1977

work cont'd in the following areas:

- 1) site plan
- 2) documentation of walls
- 3) cleaning of area W of wall T in L'-1, H'-1 to explore a possible continuation of wall t
- 4) test cut in square N'-5, O'-5 to explore extent of black and yellow sheals of soil. The square was previously excavated through July 5, 1977 as level 5, batt. 5.

Level 5, batt 6

area of yellow soil defined

1 box of sheals

190

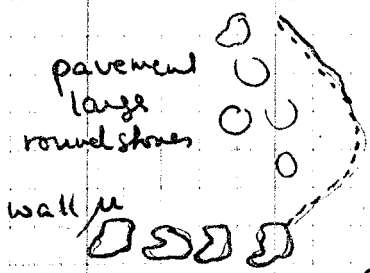
0'-7

level 4, batt. 1

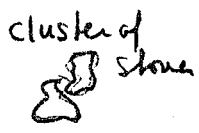
0'-5



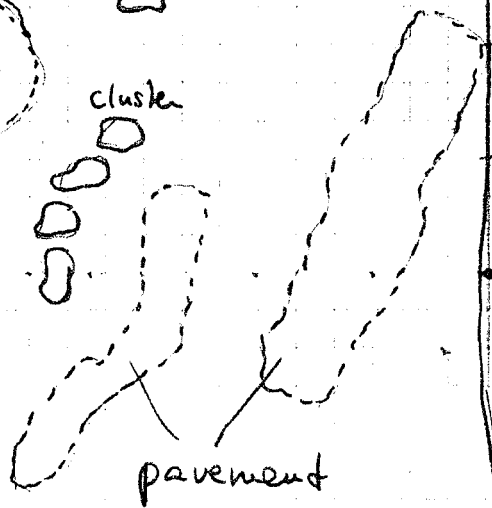
N-S
balk



P-3



cluster



P-45


CANAL

Monday July 25, 1977

Work cont'd in the following areas:

- 1) 0'-3, 0'-4, P'-3, P'-4

level 4, batt. 1 cont'd from Friday, towards the E. very hard soil.

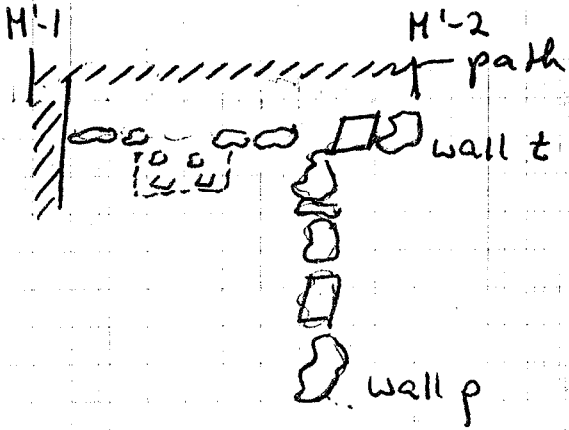
Finds: 1/2 box of pottery
 coarse ware
 bronze pin
 Ionic bowl frag.
 rim w.  design
 loom weight

ACTUAL LEVELS AT BASE OF LEVEL 4, BATT. 1 - 0', P'-3, -4

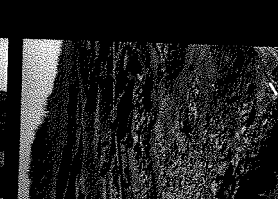
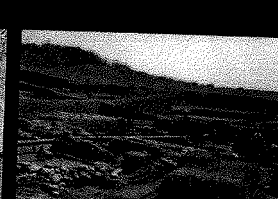
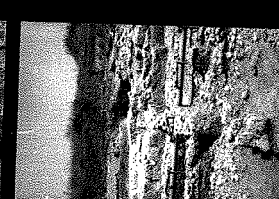
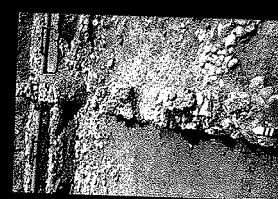
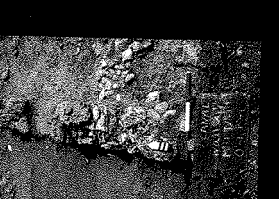
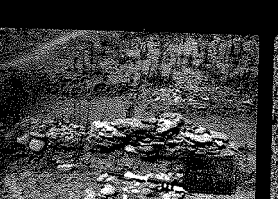
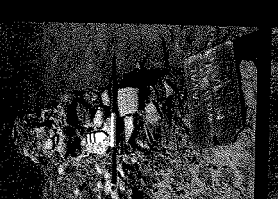
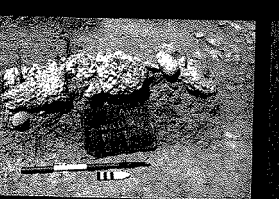
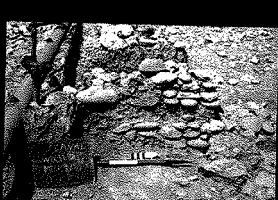
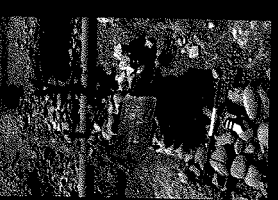
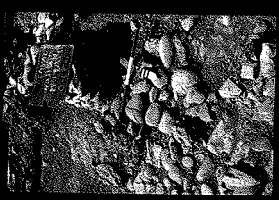
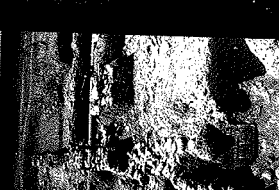
- A. -9.43m.
- B. -9.43m.
- C. -9.47m.
- D. -9.47m.
- E. -9.33m.

(FOR LOCATION OF POINTS CF. p. 184.)

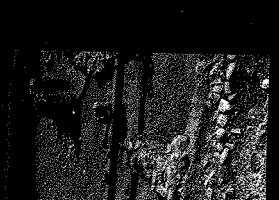
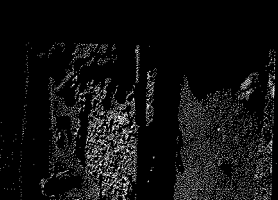
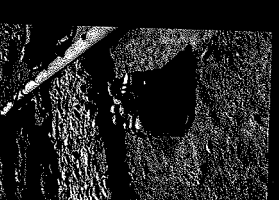
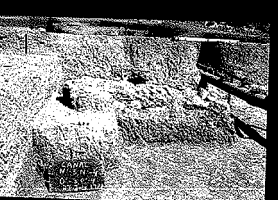
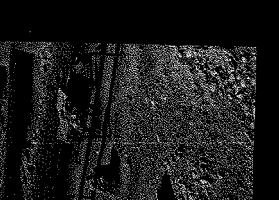
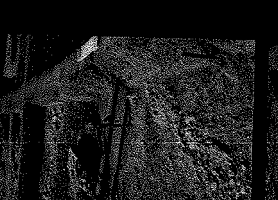
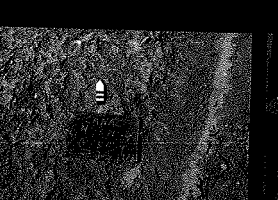
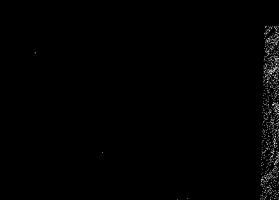
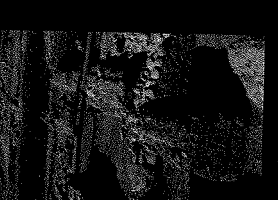
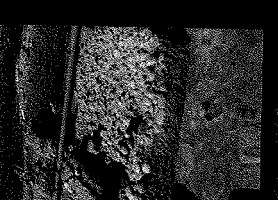
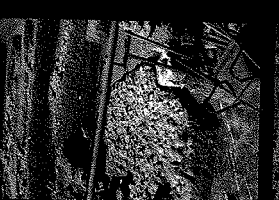
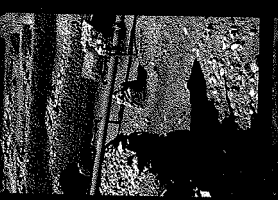
pavement appeared in uneven patches - clearing begun



7/27/77



2 3 6



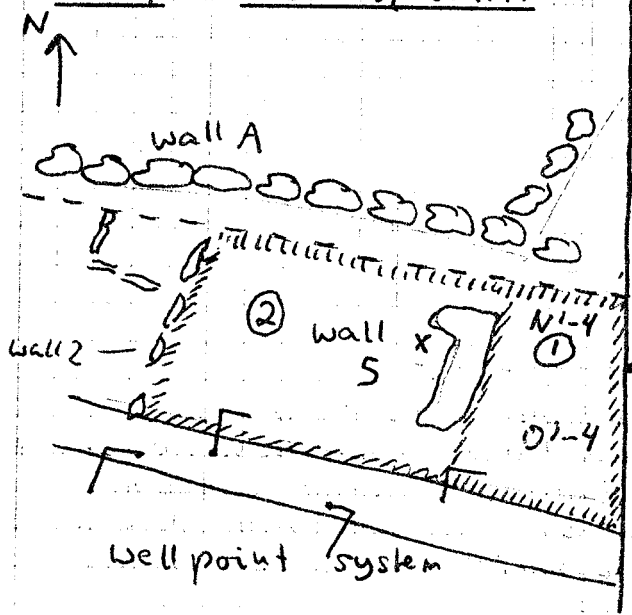
2) a small test cut was made at the N edge of M'-1 into the square L'-P, the area which now serves as a path. Although the pattern of stones is irregular, it seems fairly certain that wall T continues towards the W for at least 2.0 m. W of the large square block which marks the corner between wall P and wall T.

0'-2 LEVEL 3 AREA ALONG AND SOUTH OF μ .

TROWELING BEGUN AND CONTINUING ALONG AND SOUTH OF μ . MOST OF AREA WAS PREVIOUSLY CLEARED IN 1976. MATERIAL CONSISTS OF ASSORTED SMALL COARSEWARE AND GLAZE WARE SHERDS WITH A FEW SMALL BONE FRAGMENTS.

0'-4 level 4, batt. 1

N-S
barricade



x deposit of carbon

Tuesday July 26, 1977

A beautifully clear morning!

Work cont'd in the following areas:

1) 0'-4, towards N'-4

level 4 batt. 1

area defined by wellpoint system,
wall 5 and N-S bank

Finds:

BF shed - 2 scated figs

6th cent. sheds - total 1/4 box

stones appeared at the N edge of
the cut, below wall 5 - formation
seems to be that of a pavement

2) cont'd towards the W - area defined
by wall 5, wellpoint pipe and
wall 2

11-9 ---

level 4 batt. 1

soil stiff, breaks up into
large chunks - brownish-gray

very few sherds

most exciting discovery was a
pocket of carbon - sample taken

N'-4 LEVEL 4, BATT. 1 CARBON SAMPLE

LARGE CONCENTRATION OF LENSES, C. 0.60 X 0.15m. FOUND
JUST WEST OF THE NORTH END OF WALL 5. CARBON APPEARS
TO BE THE REMAINS OF A BURNT PIECE OF WOOD. SAMPLE

LOCATED IN A GRAY CLAY MATRIX WITH SOME REDDISH SAND
PRESENT AS WELL AS ROOTLETS. ACTUAL LEVEL = -9.37m

O'-2 LEVEL 3 AREA ALONG AND SOUTH OF A.

TROWELING CONTINUES IN AREA. FONDS ARE FEW IN
NUMBER INCLUDING USUAL ASSORTMENT OF COARSEWARE
AND GLAZE WARE. NOTABLE FINDS CONSIST OF TWO RIMS
OF CHARACTERISTIC 6II C. TYPE, A FRAGMENTARY AMPHORA
BASE, A BONE FRAGMENT AND A MOLAR OF UNKNOWN
ORIGIN.

N'-4, 0'-4 (-3)

N-S bank

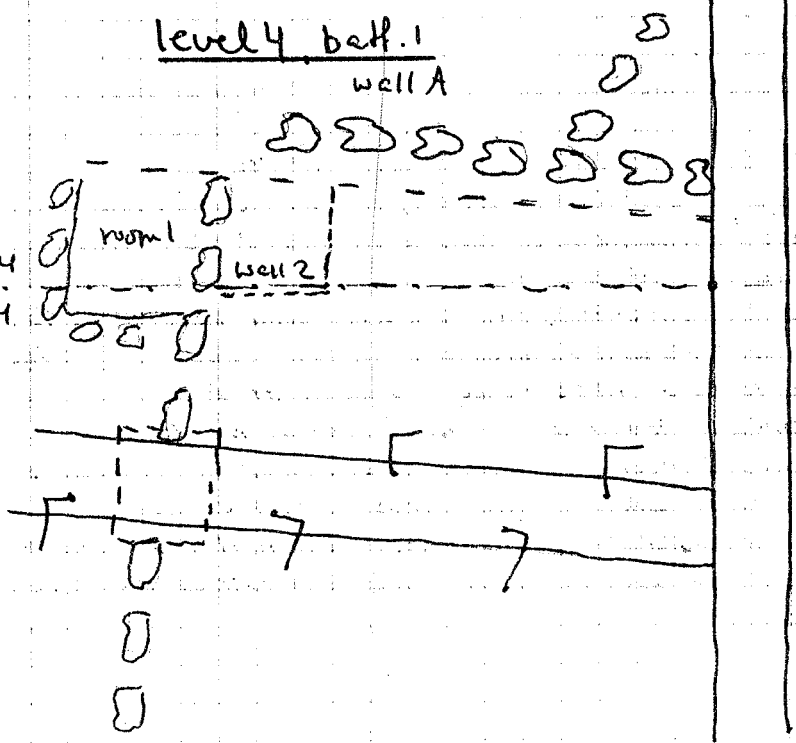
level 4 batt. 1

well A

N'-4
0'-4

room 1

well 2



0.3 0'-4

Wednesday July 27, 1977

Work continued in the following areas:

- 1) The NW corner of cut 2 in N'-4, 0'-4 which was begun yesterday; along wall 2

area cleared at the point where the wellpoint pipes cross wall 2 - cluster of field stones which would conceivably be part of a wall.

Findings: small amount of pottery

0'-2 LEVEL 3 ALONG + SOUTH OF μ .

TROWELING FINISHED ON PAVEMENT PREVIOUSLY EXPOSED IN 1976. FINDS ARE THE USUAL MIXTURE OF COARSEWARE AND GLAZE WARE SHERDS, INCLUDES SOME BONE FRAGMENTS.

0', P' - 2 LEVEL 3, c. 1.90m. SOUTH OF SECTION OF μ EAST OF μ' AREA PARTIALLY TROWELED BY PROF. CARTER YESTERDAY AND ^{ALMOST} COMPLETED BY STUDENT TODAY. RELATIVELY LARGE AMOUNT OF MATERIAL INCLUDES: 6TH C. RIMS, A FRAGMENTARY COARSEWARE LID, THE BASE OF A LARGE SKYPHOS AND THE INCISORS OF A HERBIVOROUS ANIMAL PLUS SOME OTHER BONE FRAGMENTS. MOST OF POTTERY FOUND IN AREA JUST TO THE NORTH OF THE PAVEMENT IN A SUNKEN AREA.

Thursday July 28, 1977

N', O', P' -3, -4 LEVEL 4 BATT. 2

WORKERS ARE TAKING AREA DOWN ONLY ONE-TWO CENTIMETERS IN A SPRUCING UP OPERATION. WORK COULD BE CONSIDERED EITHER AS AN EXTENSION OF BATT. 1 OR THE BEGINNING OF BATT. 2. A NAIL WAS FOUND JUST EAST OF THE EAST END OF M.

O' - 3 LEVEL 4 BATT. 2

NUMEROUS TERRA COTTA STATUETTE FRAGMENTS AND A FEW OTHER SHERDS FOUND JUST TO THE EAST OF THE NORTHERNMOST OF THE THREE CONGLOMERATE BLOCKS (cf. p. 184, point A). THIS IS THE SAME AREA ~~WHERE~~ WHERE EARLIER THREE VOTIVE VASES WERE FOUND (cf. p. 187).

THE PAVEMENT RECEIVED A FINAL SWEEPING AND WAS PHOTOGRAPHED IN COLOR.



→ 3



→ 3A



→ 4A



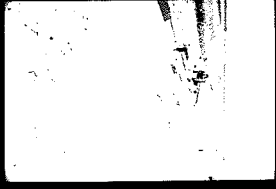
→ 5A



→ 6A



→ 8



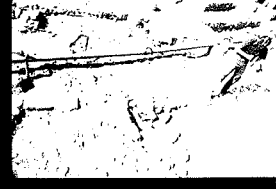
→ 8A



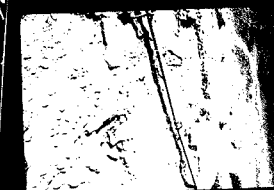
→ 9A



→ 10A



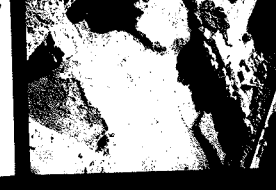
→ 11A



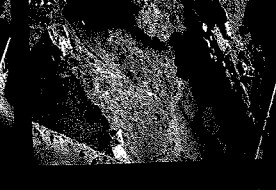
→ 13



→ 13A



→ 14A



→ 15A



→ 16A



→ 18



→ 18A



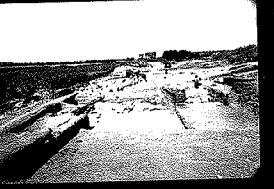
→ 19A



→ 20A



→ 21A



→ 22



→ 22A



→ 23A



→ 24A



→ 25A



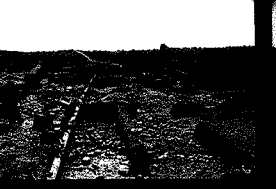
→ 26



→ 26A



→ 27A



→ 28A



→ 29A



→ 30



→ 30A



→ 31A



→ 32A



→ 33A

→ 2 → 2A

★

Friday July 29, 1977

THE DAY WAS SPENT SPREADING GRAVEL ALONG THE WALLS TO PROTECT THEM DURING THE COURSE OF THE YEAR.

CELESTE WAS MEASURED AND REBURIED BY ALESSANDRO (FOR HIS NOTES OF THE "GOOFY" NOTEBOOK).

THE PUMPING SYSTEM WAS SHUT OFF AND THE PROCESS OF REMOVAL ~~WAS~~ BEGAN.

SATURDAY JULY 30, 1977

THE PLACING OF SAND AROUND WALLS WAS COMPLETED. THE PUMPING SYSTEM WAS LOADED AND CARRIED OFF LIDO DI PIZZICA.

— FINITO —

SUMMARY

Points of special importance

6th cent. pottery
4th cent. pottery
RF vase

roof tiles

TC statuettes are there two types?
Greek ≠ indigenous imit.

votive vases

deposits of votive vases + statuettes

pavement - field stone

walls - construction of

wall of 'sanctuary'

reconstruction of buildings

phases of buildings

what constitutes a 'sanctuary'?

difference between 'sacred' and
'profane'

'light' stratigraphy - no evidence
of area as being deserted or
destroyed (except perhaps
burnt layer in N-8, O-6)

importance of springs

relation between Pizzico - San

Biagio - Incoronata - Metaponto

parallels in Sicily? Greece?

Italy?

CONCORDANCE OF LEVELS IN ADJOINING SQUARES

Level 1 = 'topsoil' fairly sandy soil w. few artifacts; due to the slope of the ground the thickness of this level varies considerably.

also - the present surface level has

Level 2: in many places been removed by the bulldozer; level 2 is therefore the first one excavated. distinctive features are layers of gravel and/or tiles.

Level 3: defined by recognizable features - mainly walls or tile falls

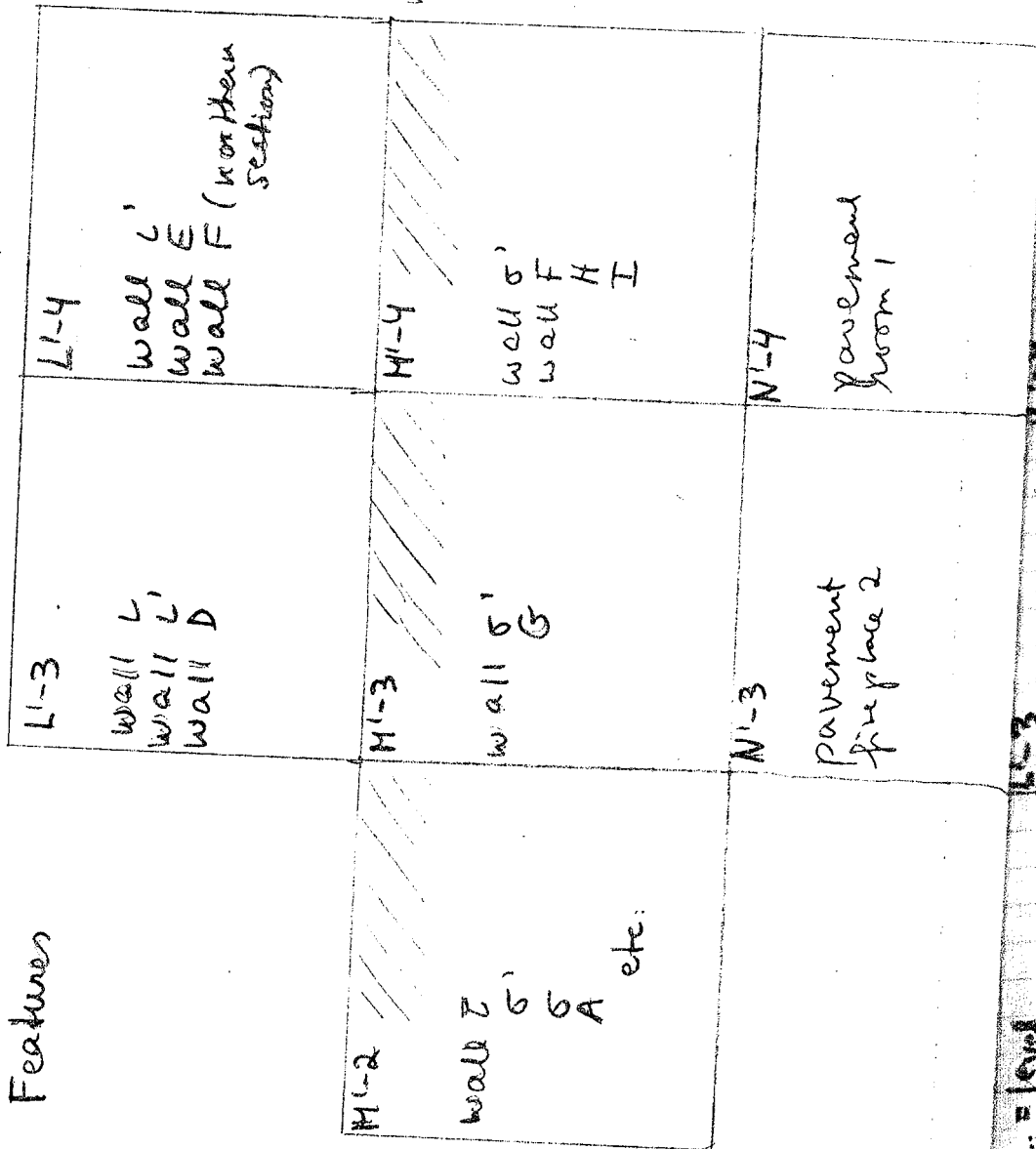
Level 4: defined by a recognizable feature (wall, tile fall) below that of level 3.

Level 5: only in N'-5/N'-8, O'-5/O'-8 recognized by dark soil (carbon) and tiles

Level 6 only in N'-6/N'-8, O'-6/O'-8 level of pavement

Features

mod. fill



L1-2

L1-3

L1-4

1/2 in pencil to
1/2 in pencil to
1/2 in pencil to

L1 1.7
L1 1.47
L1 1.7

L1 1.7
L1 1.7

L = level

ref. in pencil to notebook PZ 1976-1977

ref. in ink to notebook PZ 1977

L-3

- L.1 p. 147
- L.2 p. 147
- L.3 p. 55

- L.1 p. 149
- L.2 p. 151
- L.3 p. 29, 39

L-4

M-2

M-3

- M.1 p. 131
- M.2 p. 141 ³⁹
- M.3 p. 153, p. 45
- M.4 p. 157, p. 57

M-4

- M.1 p. 133
- M.2 p. 143 ^{p. 47}
- M.3 p. 153, p. 27, 65
- M.4 p. 159

L-3 p. 3

N-3

N-4

- N.1 p. 131
- N.2 p. 135
- N.3 book 2 p. 139
- N.4 p. 165

- N.1 p. 131
- N.2 p. 135
- N.3 book 2 p. 137
- N.4 p. 165

Features

<p>M1-5 fallen archi- tectural blocks</p>	<p>M1-6 cont'd, fallen architectural blocks, N. end of 'long wall' 'shipe vorkiva</p>	<p>N1-6 'long wall' pavement</p>	<p>N1-7 testcut pavement</p>	<p>N1-8 testcut end of pavement</p>
<p>O1-5 'water channel' 'long wall</p>	<p>O1-6 fallen archi- tectural blocks pavement</p>	<p>O1-7 testcut pavement</p>	<p>O1-8 testcut end of pavement</p>	

levels 1-3

<p>M-5</p> <p>L.1 p. 179</p> <p>L.2 p. 179</p> <p>L.3 p. 179, p. 91 p. 97 p. 111</p>	<p>M-6</p> <p>L.1 p. 3, 13</p> <p>L.2 p. 111</p> <p>L.3 p. 124</p>	<p>ref. in pencil to notebook PZ 1976 1977</p> <p>ref. in ink to notebook PZ 1977</p>
<p>N-5</p> <p>L.1 p. 161</p> <p>L.2 p. 161</p> <p>L.3 p. 163 ball. 2 notebook notebook</p> <p>0-5</p>	<p>M-6</p> <p>L.1 p. 183</p> <p>L.2 p. 183</p> <p>L.2 ball. 2</p> <p>L.3 p. 183, ball. 2 ball. 3</p> <p>L</p> <p>0-6</p>	<p>N-7</p> <p>-</p> <p>L.2 p. 45, 89, 53</p> <p>L.3 p. 91, 153</p>
<p>L.1 p. 161</p> <p>L.2 p. 161</p> <p>L.3 p. 163 ball. 2 notebook notebook</p>	<p>-</p> <p>L.2 p. 183</p> <p>L.2 ball. 2</p> <p>L.3 p. 183 ball. 2 ball. 3</p>	<p>N-8</p> <p>-</p> <p>L.2 p. 163</p> <p>L.3 p. 163</p>
		<p>0-7</p> <p>-</p> <p>L.2 p. 45, 89, 53</p> <p>L.3 p. 91, 153</p>
		<p>0-8</p> <p>-</p> <p>L.2 p. 163</p> <p>L.3 p. 163</p>

levels cont'd

<p>MLS —</p>	<p>ML6 L.4 p.123 p.141 L.5 p.151 p.149</p>	
<p>NLS L.4 p.71 L.5 p.71</p>	<p>NL6 L.4 p.1,81 L.5 p.101 L.6 p.115 b.2 p.129 b.3 p.133 b.4 p.137ff</p>	<p>NL7 L.4 p.155 L.5 p.159 L.6 p.161 173</p>
<p>OLS L.4 p.71 L.5 p.71 p.73</p>	<p>OL6 L.4 p.1,81 L.5 p.101 L.6 p.115</p>	<p>OL8 L.4 p.169 L.5 p.171 L.6 p.173</p>

U. T. Austin—GENERAL RECORD FORM

Site.....

Area Canal Excavation L1-3 east 1/2 Level 1

1. Subject.....

2. Horizontal location.....

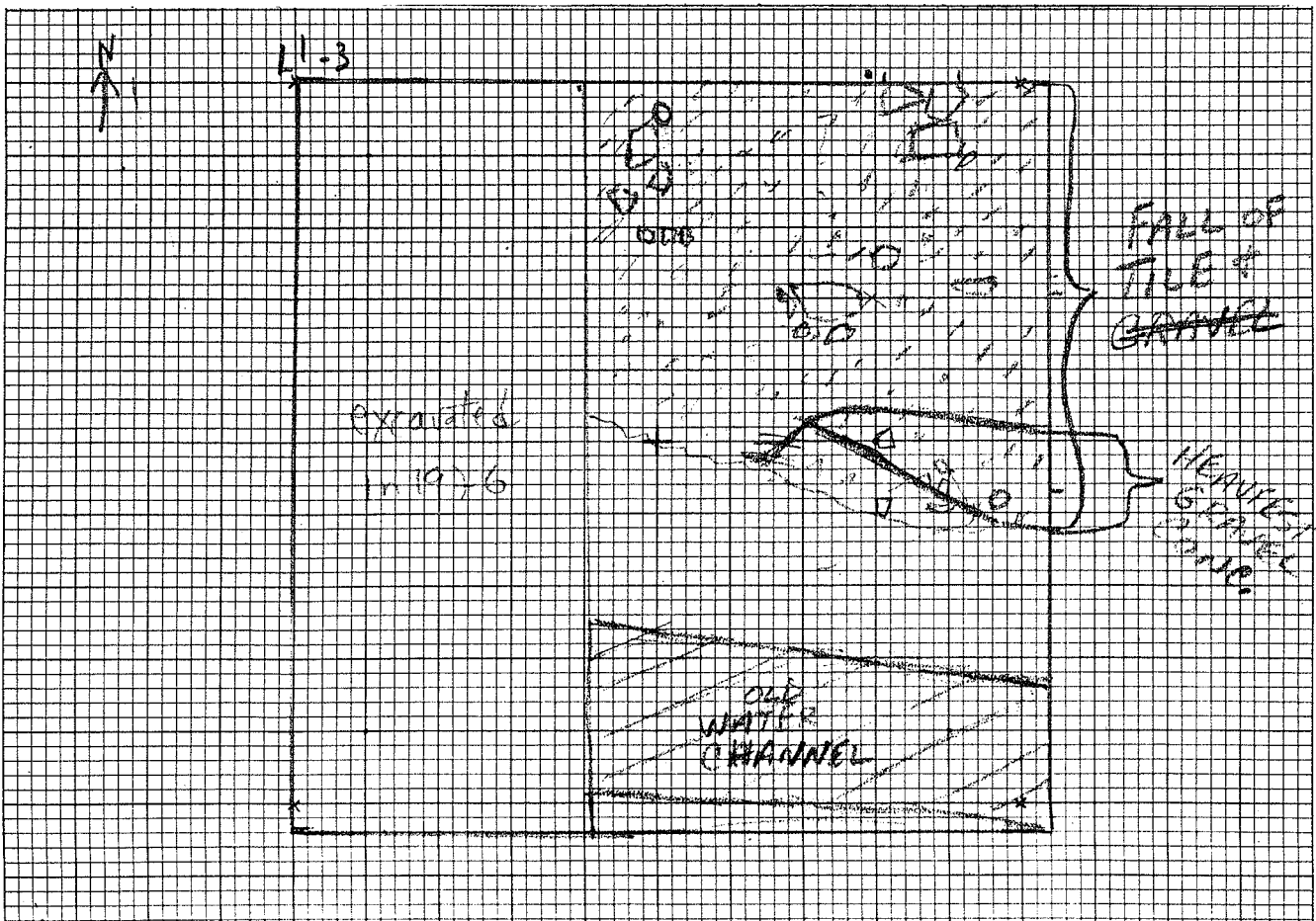
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....



Scale..... Title.....

Worked by, using.....

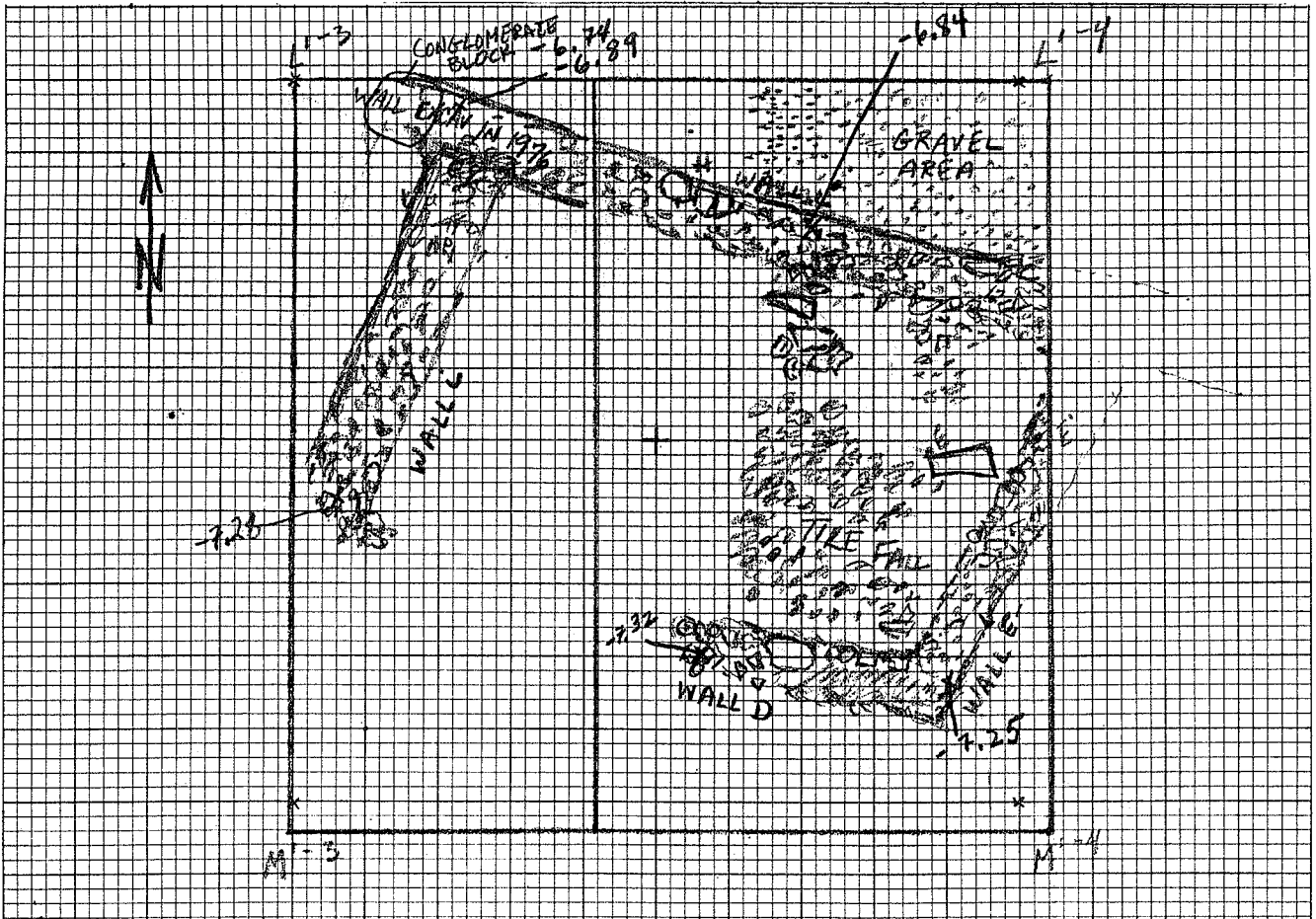
Disposal of specimens.....

Reference notebook p.147

Photos..... Recorded by JE Date June 8 1977

Area CANAW Excavation L¹-3 E 1/2 Level 2

- 1. Subject.....
- 2. Horizontal location.....
- 3. Vertical location, strat. position.....
- 4. Dimensions.....
- 5. Matrix.....
- 6. Associations.....
- 7. Description, discussion, sketch.....



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 149

Photos..... Recorded by JE Date JUNE 9, 1977

Area Canal Excavation L'-4 Level 1 + level 2

1. Subject

2. Horizontal location

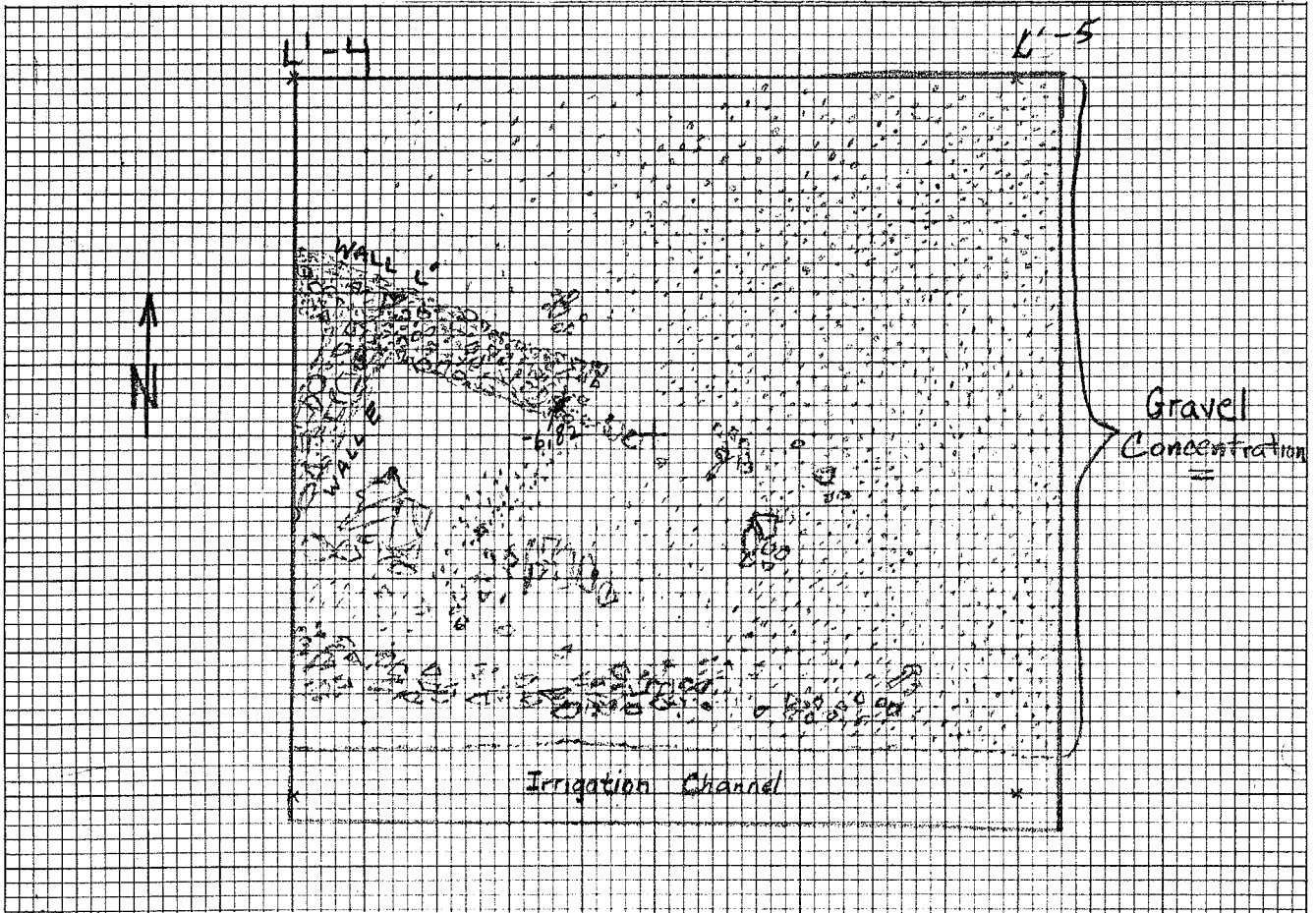
3. Vertical location, strat. position

4. Dimensions

5. Matrix

6. Associations

7. Description, discussion, sketch level 2 = level under wall on this plan



Scale Title

Worked by, using

Disposal of specimens

Reference notebook p. 149

Photos Recorded by JACK ENGLERT Date June 14, 1977

U. T. Austin—GENERAL RECORD FORM-4

Site.....

should be L-4

Area..... Excavation *M¹-4* walls L + E Level.....

1. Subject..... *skeleton in the corner*

2. Horizontal location.....

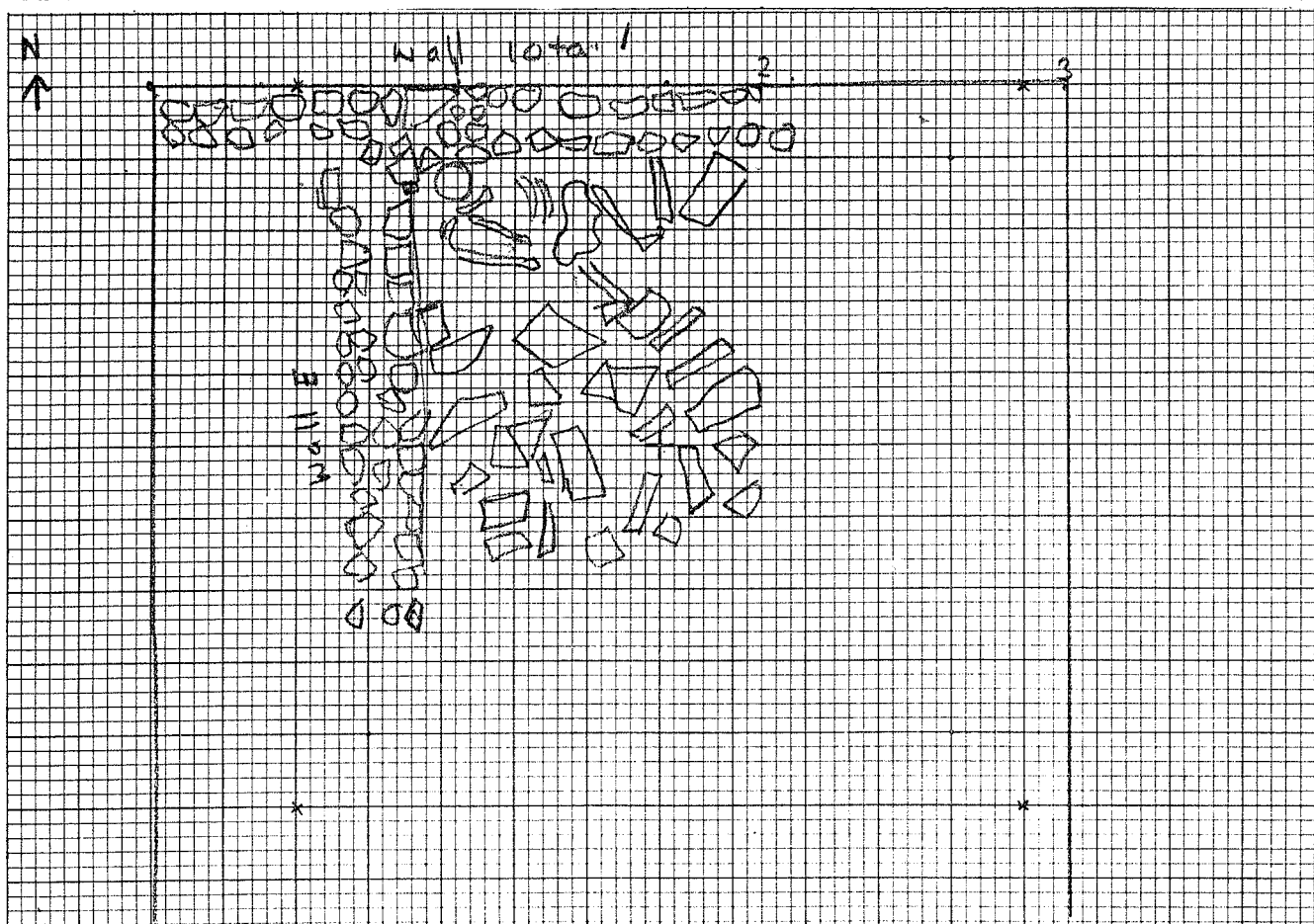
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference *notebook p 187*

Photos..... Recorded by *RMB* Date *June 24*

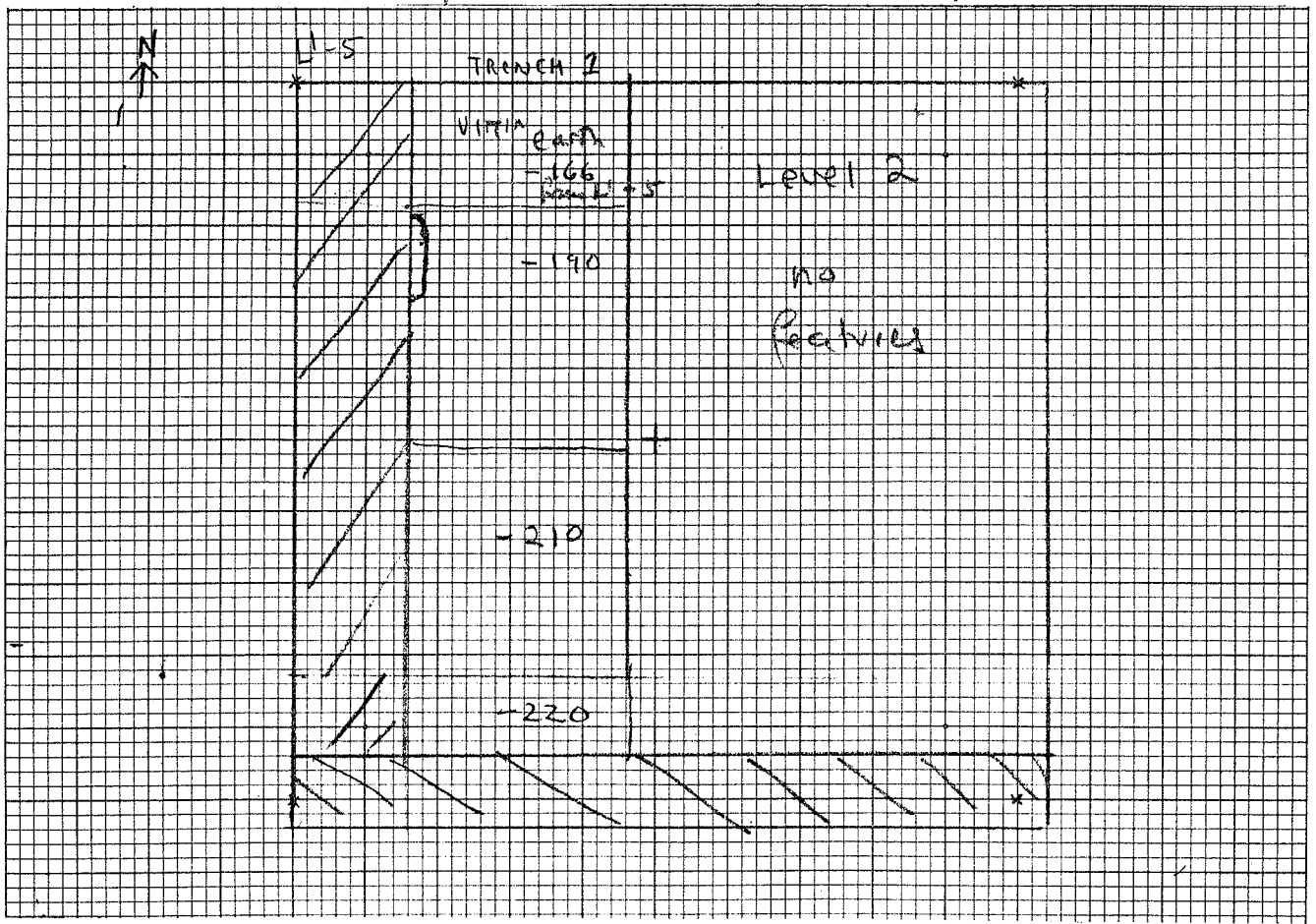
U. T. Austin—GENERAL RECORD FORM

Site.....

Area Canal Excavation L-5 Level 2 + 3 (Trench 1)

- 1. Subject.....
- 2. Horizontal location.....
- 3. Vertical location, strat. position.....
- 4. Dimensions.....
- 5. Matrix.....
- 6. Associations.....

7. Description, discussion, sketch except for 1 large limestone block/stone in NE, the square was devoid of features. In a test trench, trench 2, the square was excavated to virgin earth which was reached at -166 from L-5 + 15 m south at a depth of -220. In the soil above virgin earth were some large pebbles (level 3)



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

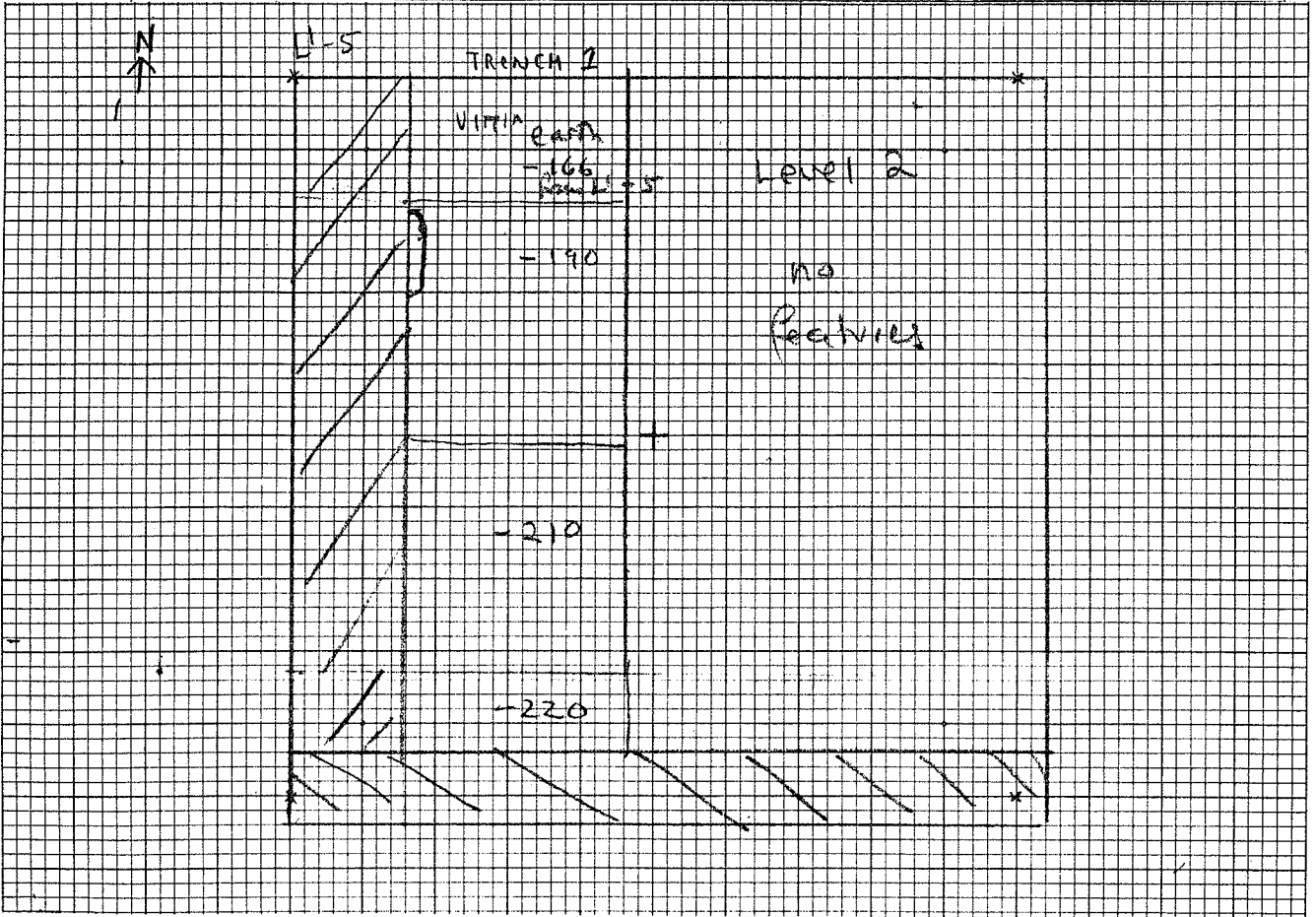
Reference notebook p. 181

Photos..... Recorded by..... Date June 22

Area Canal Excavation L-5 Level 2 + 3 (Trench 1)

- 1. Subject.....
- 2. Horizontal location.....
- 3. Vertical location, strat. position.....
- 4. Dimensions.....
- 5. Matrix.....
- 6. Associations.....

7. Description, discussion, sketch except for 1 large limestone block/stone in NE, the space was devoid of features. In a test trench, trench II, the space was excavated to virgin earth which was reached at -166 from L-5 + 15 the south at a depth of -220. In the soil above virgin earth were some large pebbles. (level 2)



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 181

Photos..... Recorded by..... Date June 23

Area..... Excavation L1-5..... Level.....

1. Subject..... section N face TRENCH 1.....

2. Horizontal location.....

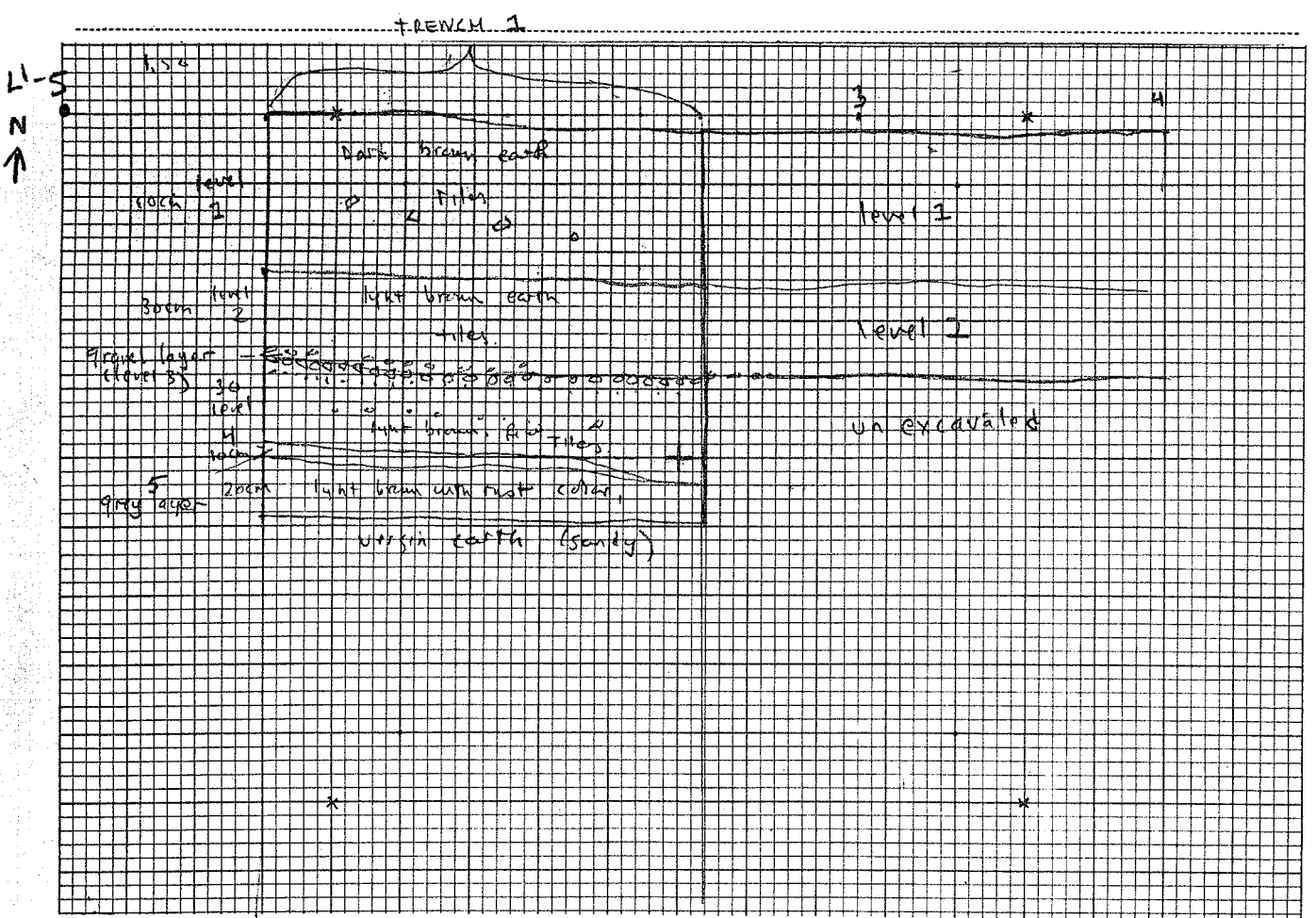
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch..... note that these levels were not noted as precisely in the report as they are only visible in the profile



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p 181.....

Photos..... Recorded by..... Date.....

Area..... Excavation L-5 Level.....

1. Subject..... Section west face, TRENCH 7

2. Horizontal location.....

3. Vertical location, strat. position.....

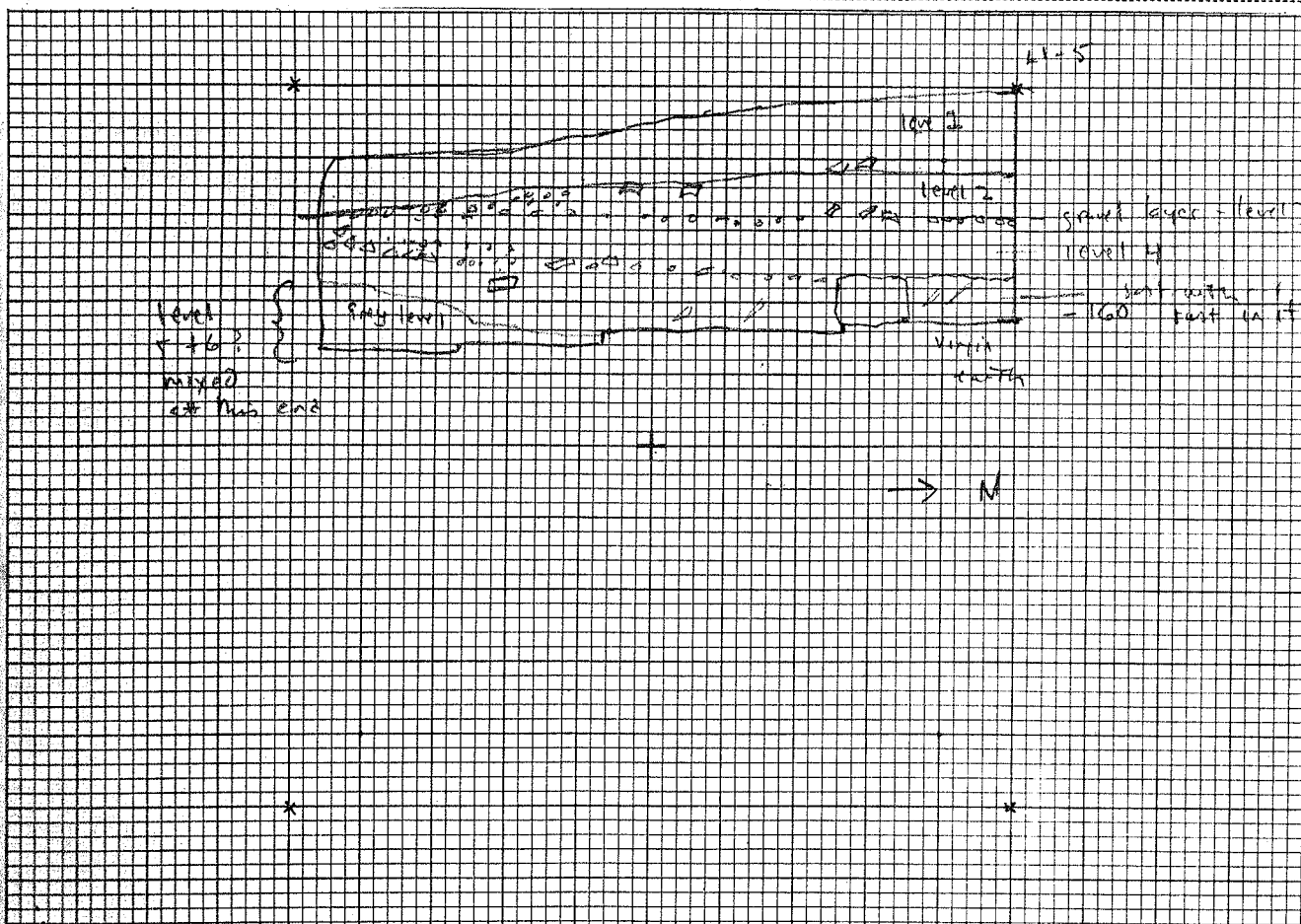
4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....

Note that in this section, west face, there is a less well-defined stratigraphy, especially in the S where the soil is gravelly + light brown + vit. part is reached at its lowest point.



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

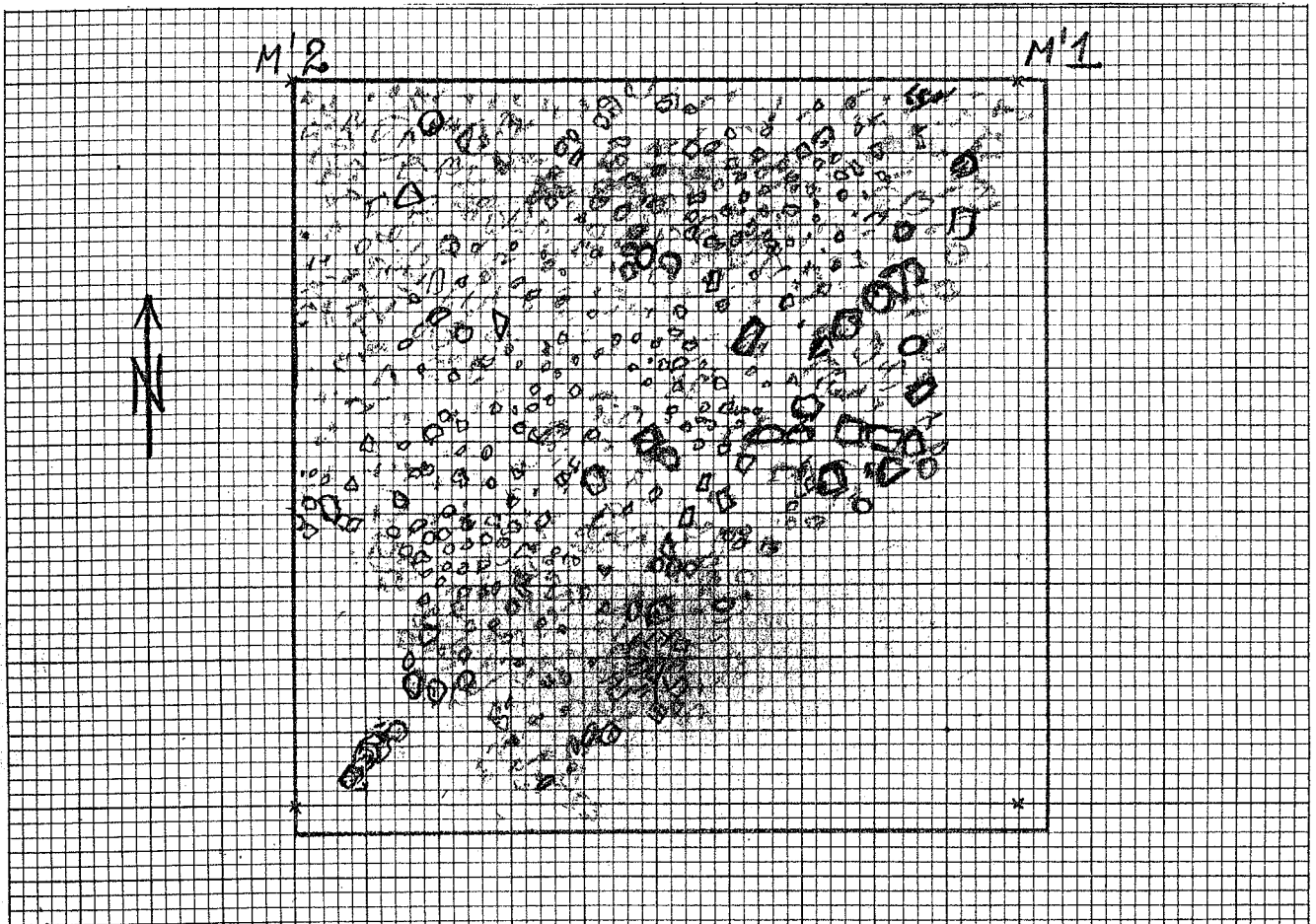
Reference notebook p. 181

Photos..... Recorded by..... Date.....

Area M' 1 Excavation..... Level LEVEL 3

- 1. Subject.....
- 2. Horizontal location.....
- 3. Vertical location, strat. position.....
- 4. Dimensions.....
- 5. Matrix.....
- 6. Associations.....

7. Description, discussion, sketch Extensive tile & rock fall w/ possible traces of walls beneath it. Drawing may be misleading in that it attempts to depict the clutter of the fall. The stone and tile fragments are relatively large: mag. of stones .01-.02m in length w/ some larger; mag. of tiles .012-.022m. in length. Cf. photos for a less subjective depiction of this level.



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference Notebook p. 177

Photos..... Recorded by JACK ENGLERT Date June 15, 1977

Area..... Excavation M. 1..... Level 1.....

1. Subject.....

2. Horizontal location.....

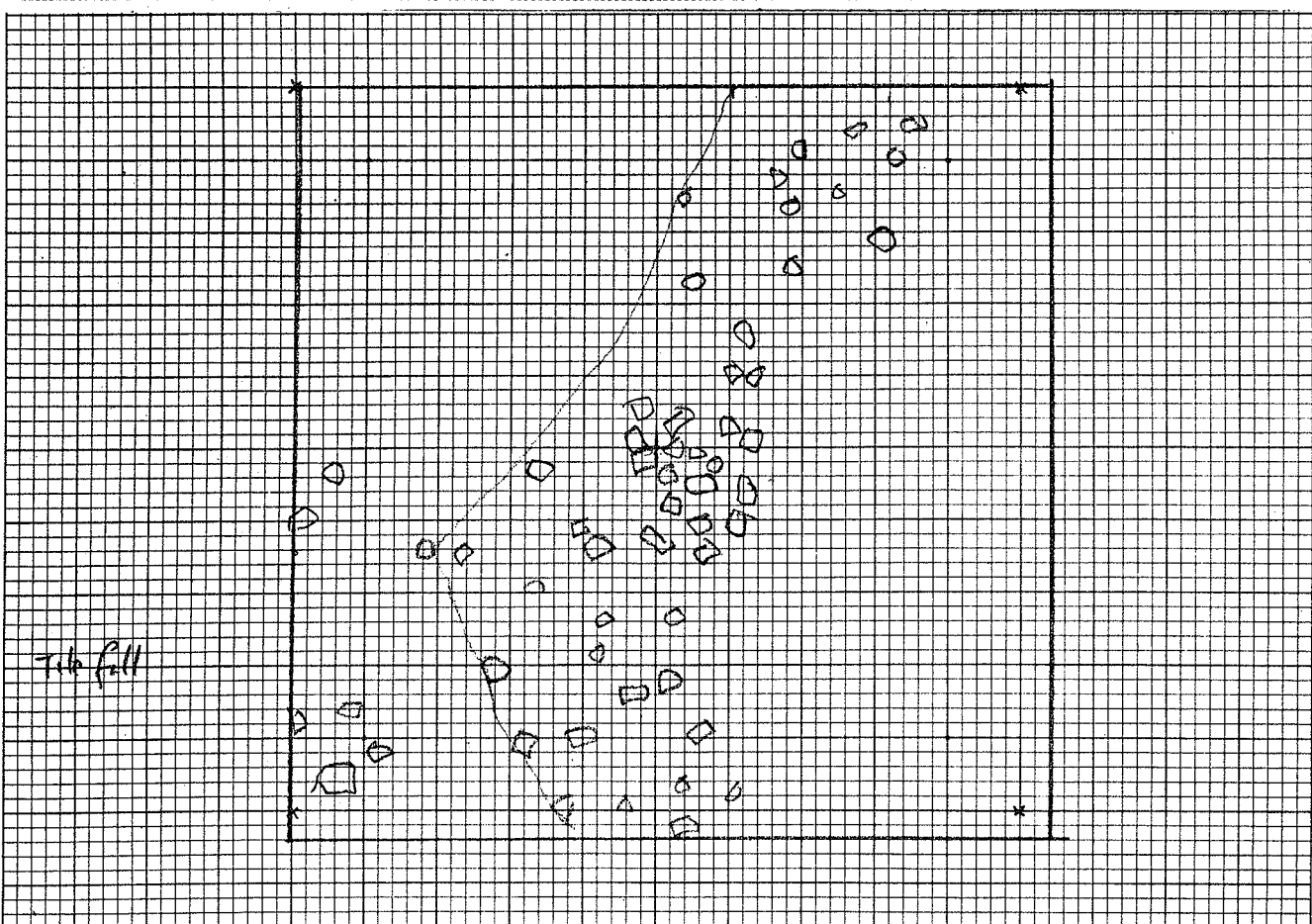
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 177.....

Photos..... Recorded by..... Date.....

Area Piggion Excavation Canal M-3 Level level 1

1. Subject.....

2. Horizontal location.....

3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch..... Note M-3 not really a square unit incorporates in its western boundary about 50 cm of earth where excavation ended in 1976. Level 1 here - mostly loose gravel, tile frags.



Worked by, using.....

Disposal of specimens.....

Reference notebook p. 131

Photos..... Recorded by RMG Date May 30 1977

U. T. Austin—GENERAL RECORD FORM

drawing H9
Site

Area Coral Excavation M'-3 Level 2

1. Subject

2. Horizontal location

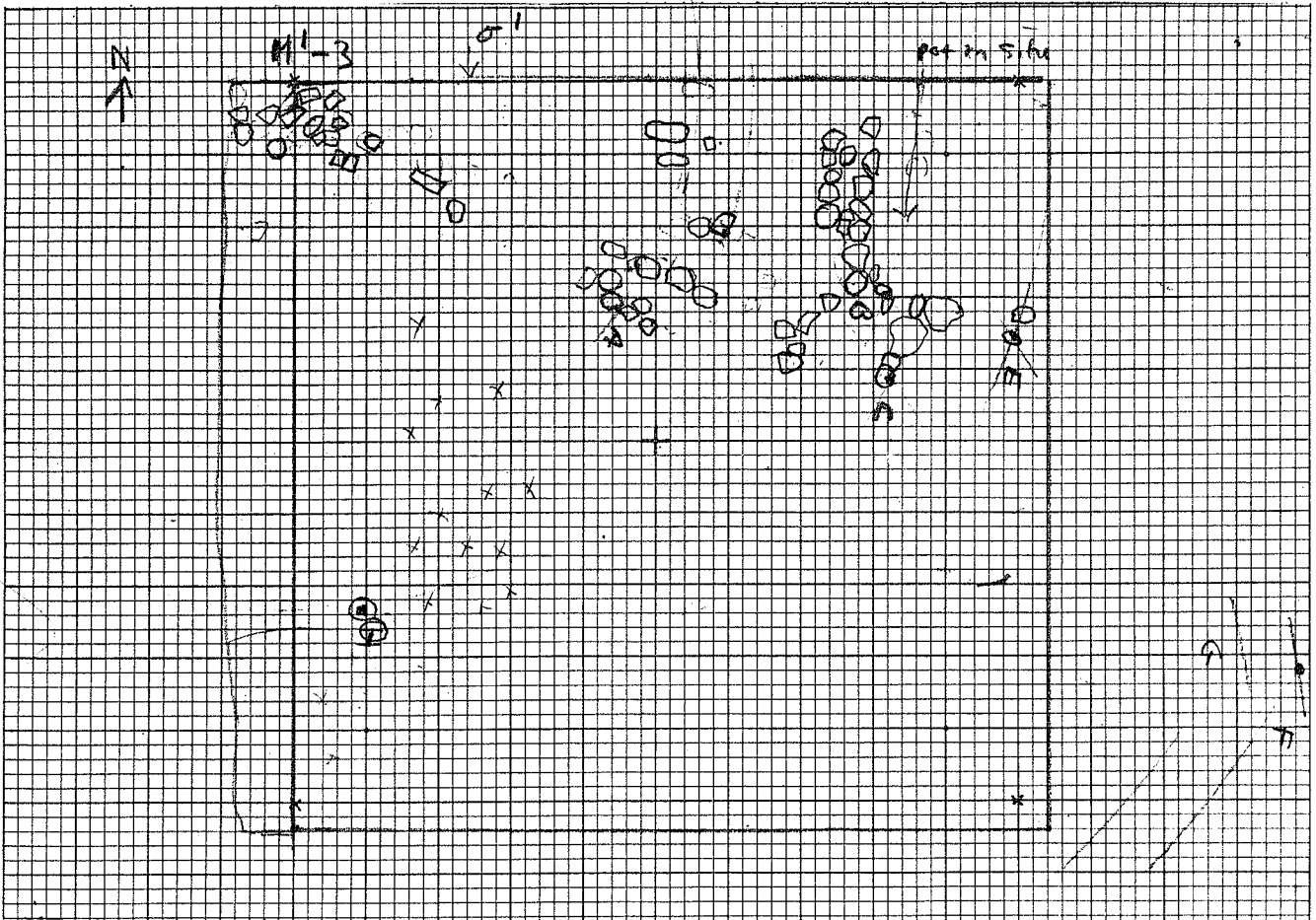
3. Vertical location, strat. position

4. Dimensions

5. Matrix

6. Associations

7. Description, discussion, sketch



Scale Title

Worked by, using

Disposal of specimens

Reference notebook p. 141

Photos Recorded by Rmb Date June 8

Area Pizyle Excavation Canal M⁺-4 Level 1

1. Subject PLAN - LEVEL REPORT

2. Horizontal location M⁺-4

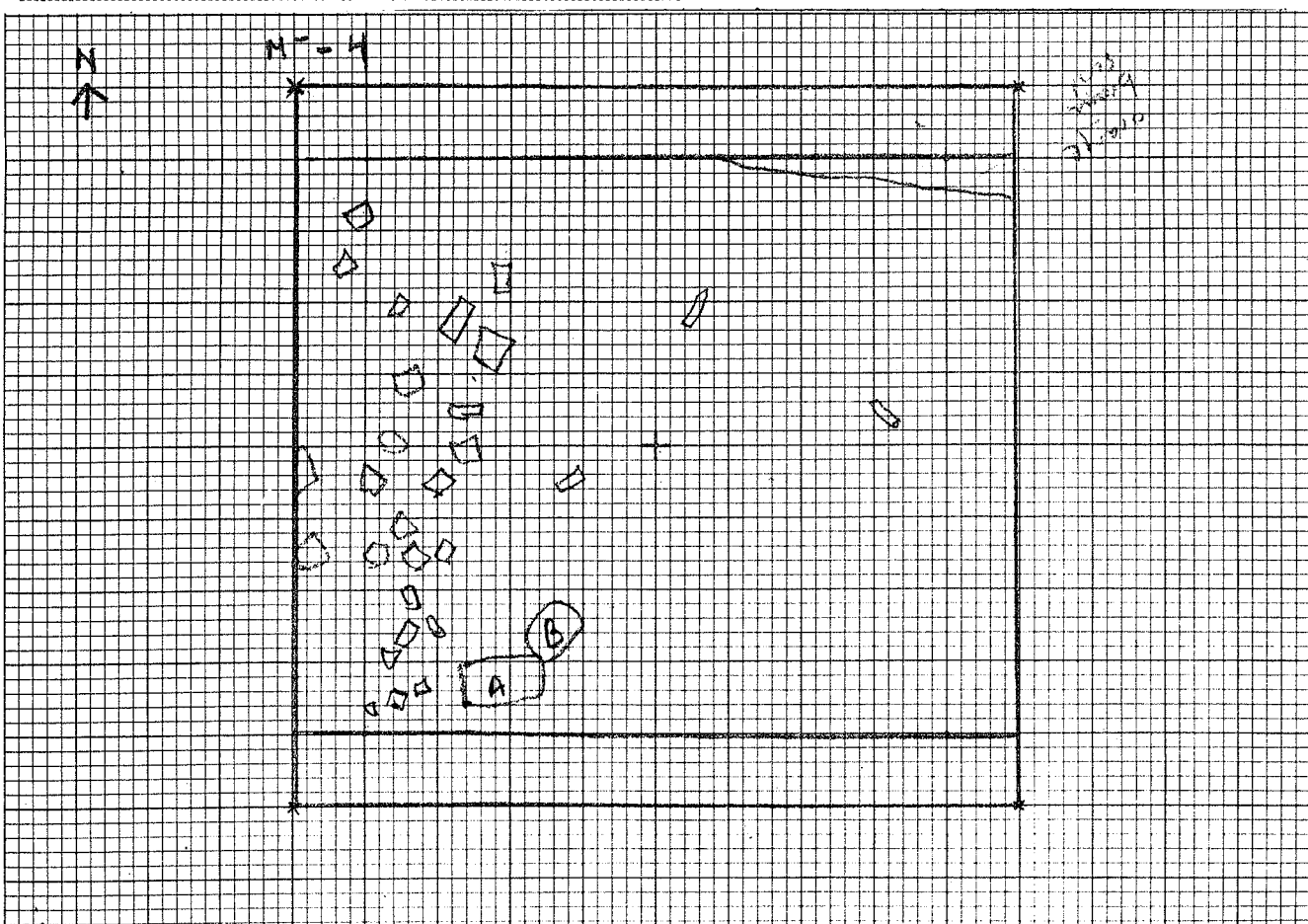
3. Vertical location, strat. position L. 2

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch Area slopes NE-SW, W. NW, W areas deeper at same cultural level, E area has less material.



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 133

Photos..... Recorded by IMG Date 11/31/77

U. T. Austin—GENERAL RECORD FORM

Site _____

Area Parcel Excavation M¹-4 Level 2

1. Subject PLAN

2. Horizontal location 5x5m unit M¹-4

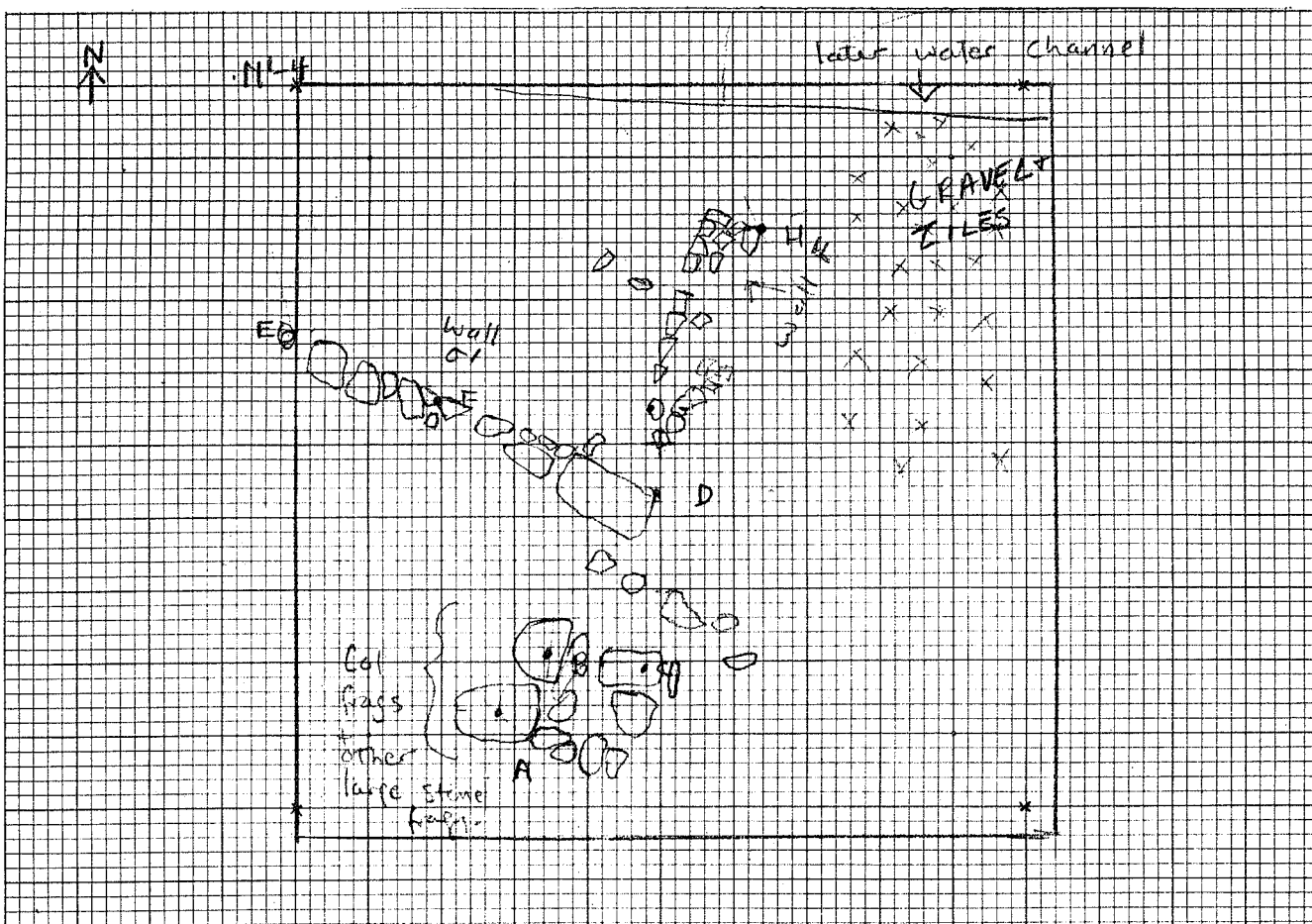
3. Vertical location, strat. position _____

4. Dimensions 5x5m Light Brown soil

5. Matrix Level under the gravel in M¹-3; Level under the tile fall here

6. Associations WALL 0', NE AREA IS GRAVEL

7. Description, discussion, sketch. NE area is gravel fill, except where yellow soil defining water channel cuts thru (see below). Level 2 in this unit is deeper than in M¹-3. (How deep?)



Scale _____ Title _____

Worked by, using _____

Disposal of specimens CAT # P2 77.543P, 515T, 546T, 484P, 517M, 518T, 519M, 514P

Reference notebook p. 143

Photos _____ Recorded by D116 Date July 1, 77

SLA, MARCH 27, 1978

Area Canal Excavation Area S of well σ^1 Level 3 batt. 1

1. Subject IN M¹-4

2. Horizontal location

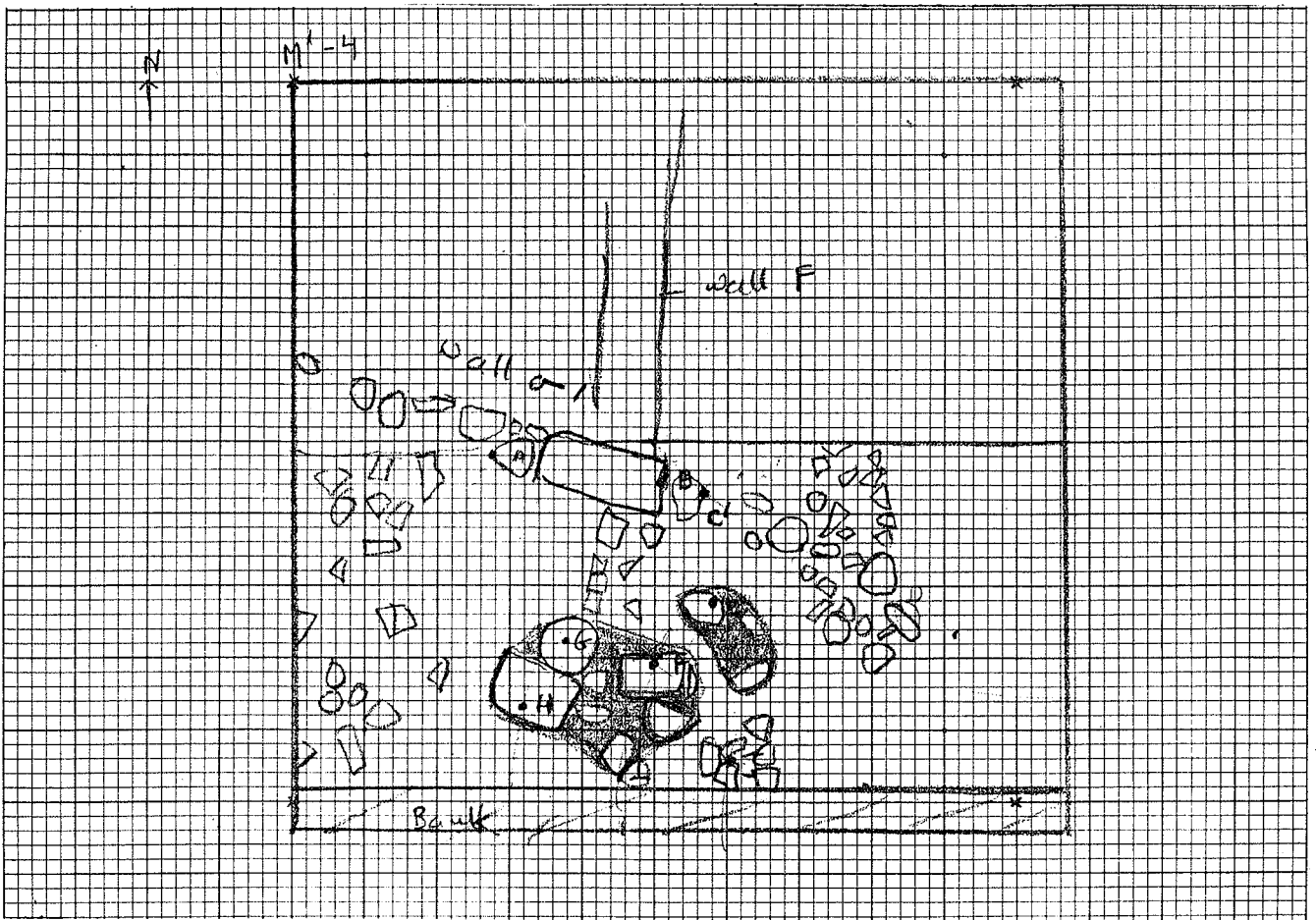
3. Vertical location, strat. position

4. Dimensions

5. Matrix

6. Associations

7. Description, discussion, sketch Note That level 2 column bags etc
is sand also included on the plan
This is the area indicated by the dark
area, there are also at a level lower than the level of
well σ^1 = level 4



Scale

Title

Worked by, using

Disposal of specimens

Reference notebook p. 159

Photos

Recorded by

RMB

Date June 13 1924

U. T. Austin—GENERAL RECORD FORM

Site.....

Area Card Excavation area s of wall in Level 3 batt. 1

1. Subject M-3 + M-4 (2x7)

2. Horizontal location

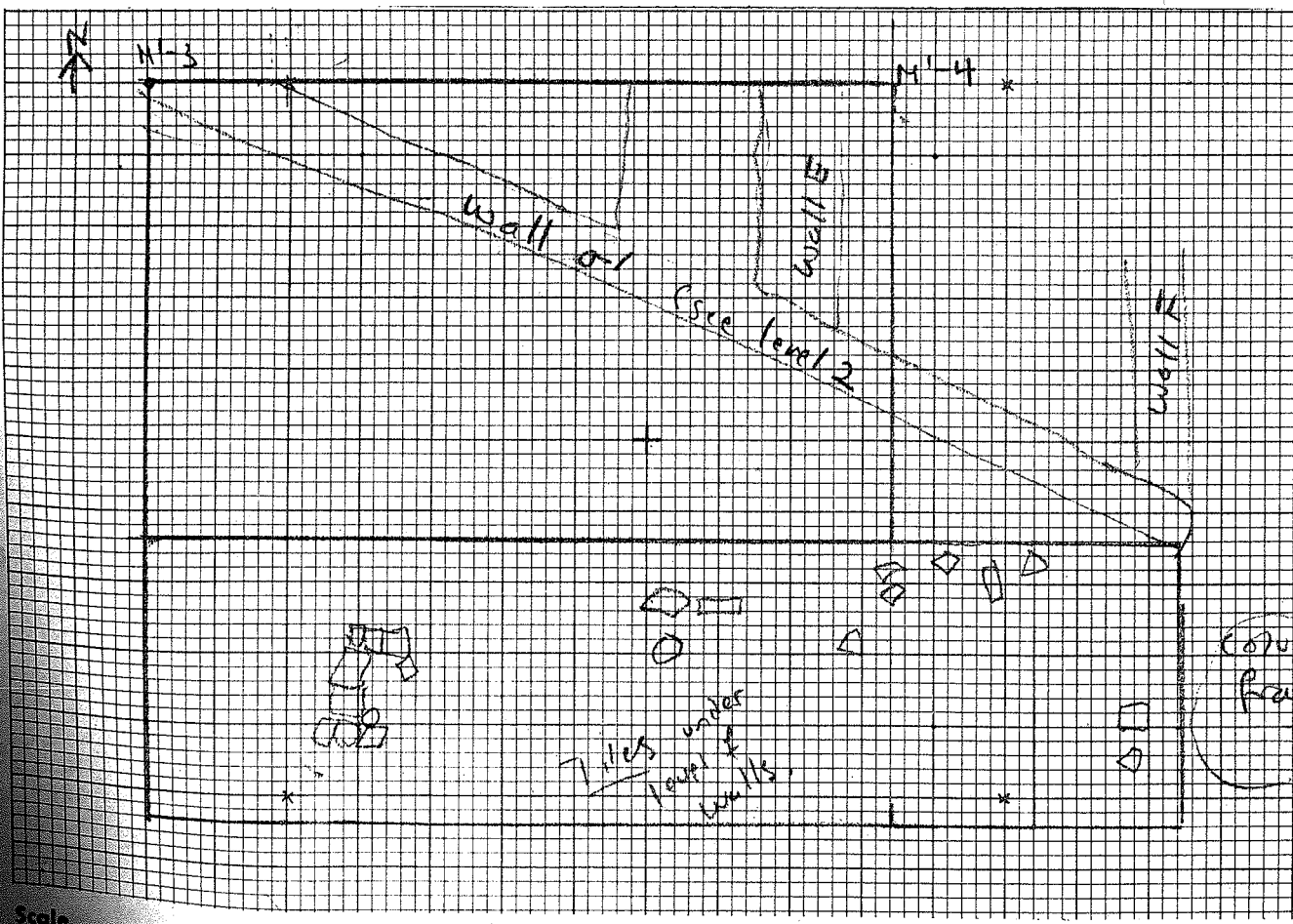
3. Vertical location, strat. position

4. Dimensions

5. Matrix

6. Associations

7. Description, discussion, sketch



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 153

Recorded by..... Date June 9

Area Canal Excavation area s of 0' wall in Level 3 Bottom 2
1. Subject H1-3 + H1-4

2. Horizontal location.....

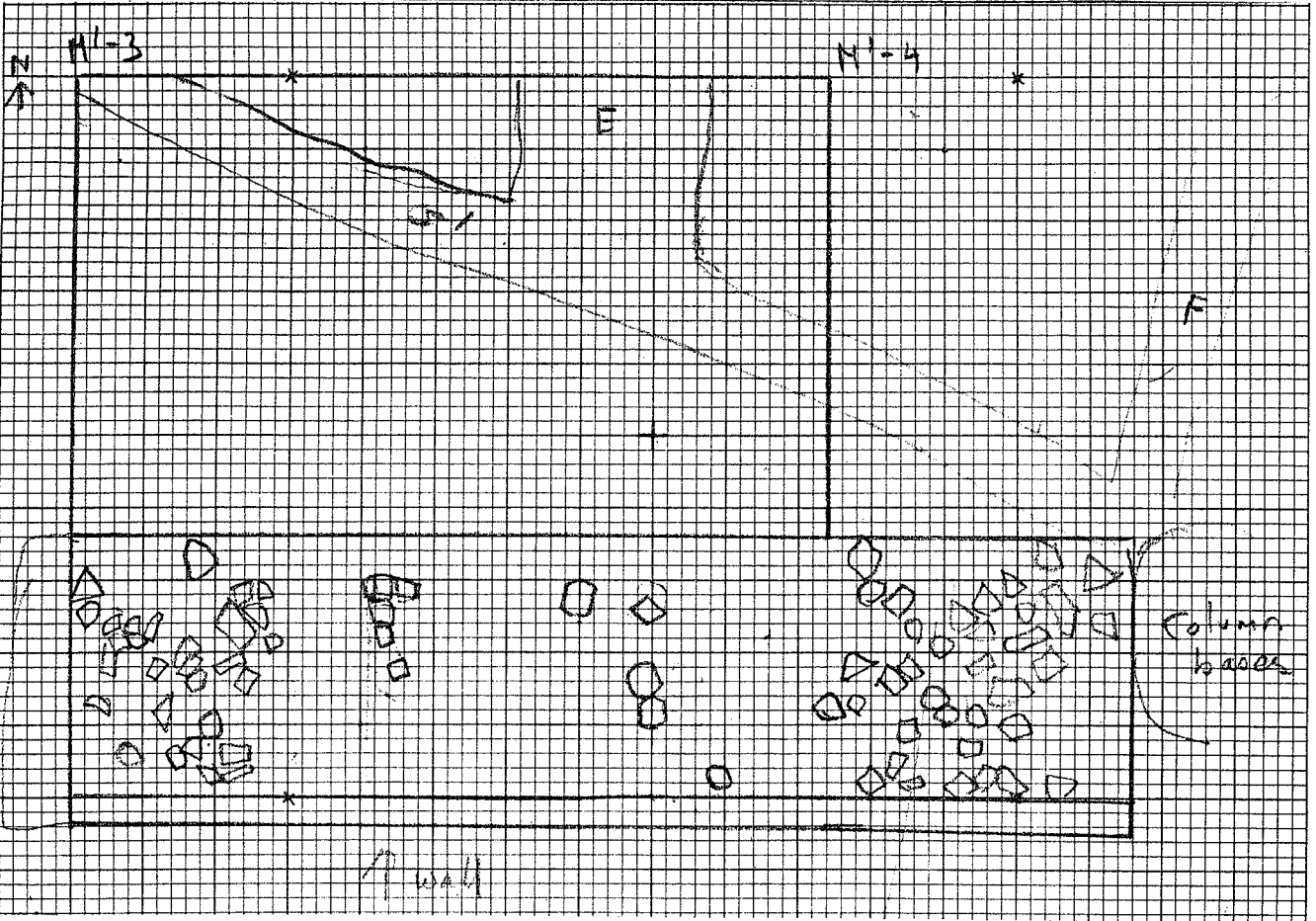
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....



Scale..... Title.....

Worked by, using.....

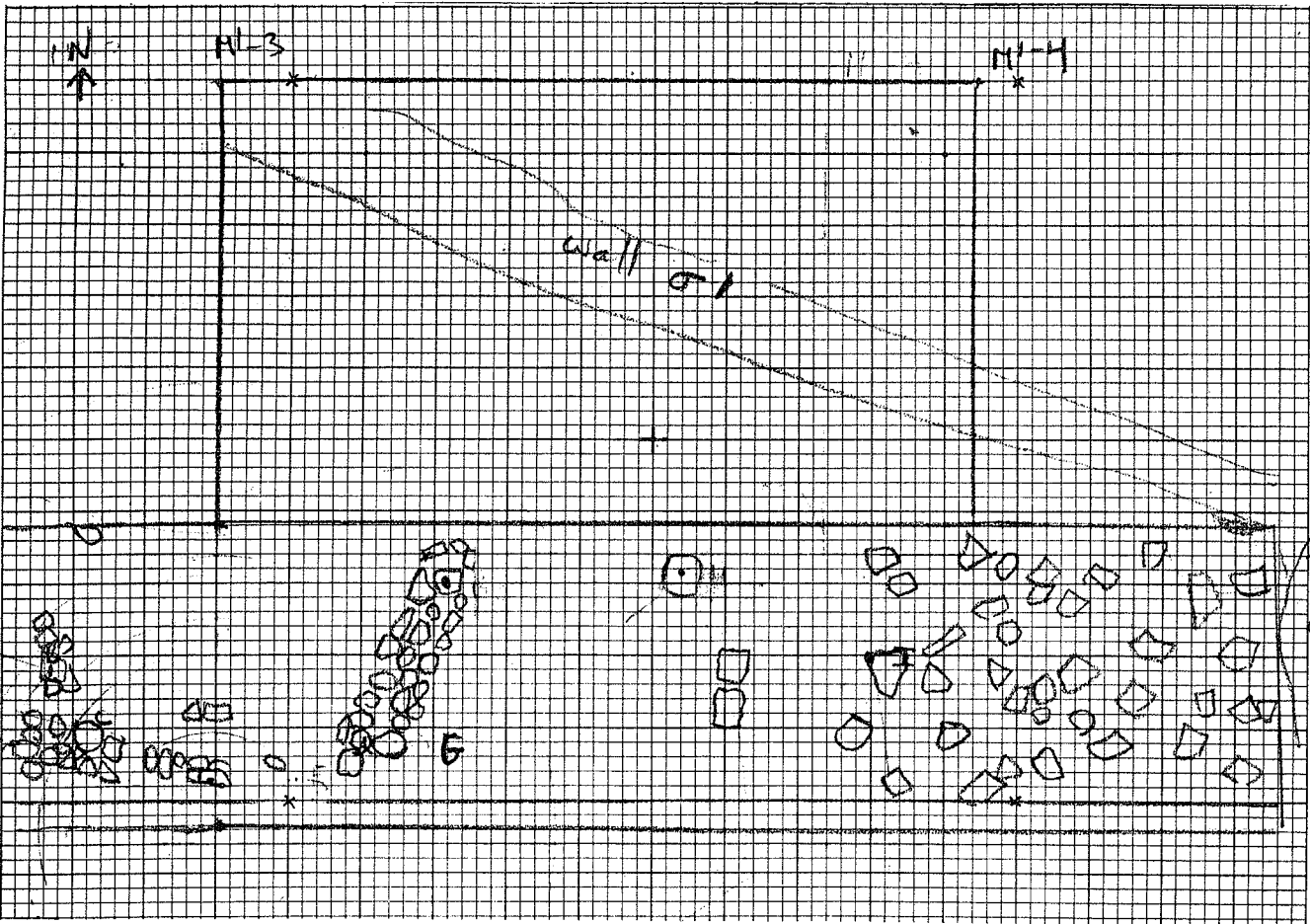
Disposal of specimens.....

Reference notebook p. 155

Photos..... Recorded by..... Date June 10 1992

Area Canal Excavation Area 5 of 1 in M-3 Level 4
+M-4

- 1. Subject
- 2. Horizontal location
- 3. Vertical location, strat. position
- 4. Dimensions
- 5. Matrix
- 6. Associations
- 7. Description, discussion, sketch



Scale..... Title.....

Worked by, using.....

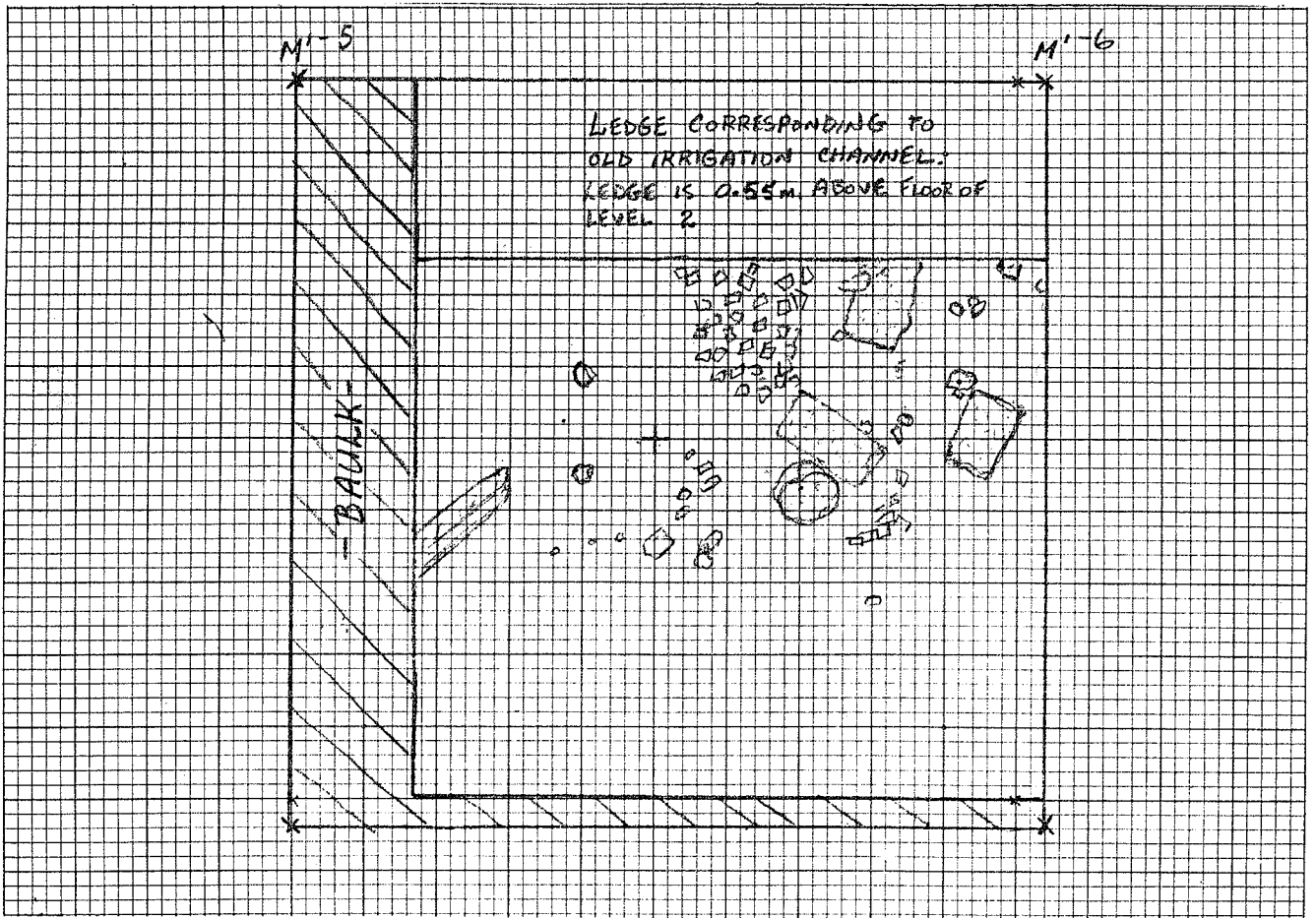
Disposal of specimens.....

Reference notebook p. 157

Photos..... Recorded by..... Date July 10

Area CANAN Excavation M'-5 Level 2

1. Subject.....
2. Horizontal location.....
3. Vertical location, strat. position.....
4. Dimensions.....
5. Matrix.....
6. Associations.....
7. Description, discussion, sketch. SEVERAL large architectural stones were present at this level. All were rectangular in form, except one large fragment which appears to be from a column. Tiles and small stones were present throughout the soil, however there was a heavy concentration of tiles in the north-central portion of the square



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 179

Photos..... Recorded by JACK ENGLERT Date JUNE 16, 1977

U. T. Austin—GENERAL RECORD FORM

Site.....

Area Pizzara Excavation Canal Level N-3 level 1

1. Subject.....

2. Horizontal location.....

3. Vertical location, strat. position.....

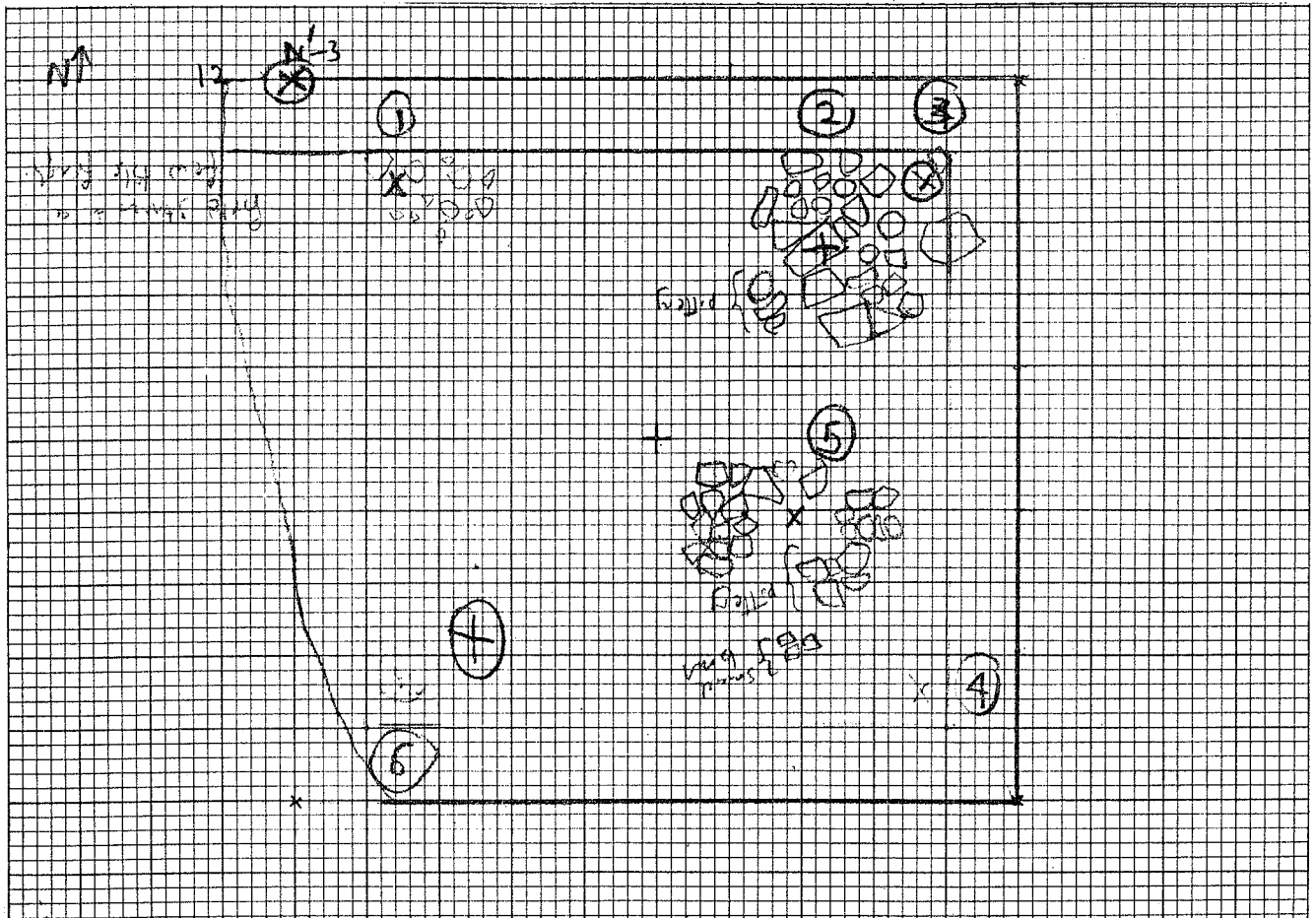
4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch

Note here that in the west, due to the excavations of '76, the area excavated was c. 50 cm greater in the NW + circa 70 cm less in the SW +
bulks in N + S



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 131

Photos Recorded by RMG Date May 27, 1977

Area Pizzila Excavation canal N1-3 Level 2

1. Subject.....

2. Horizontal location.....

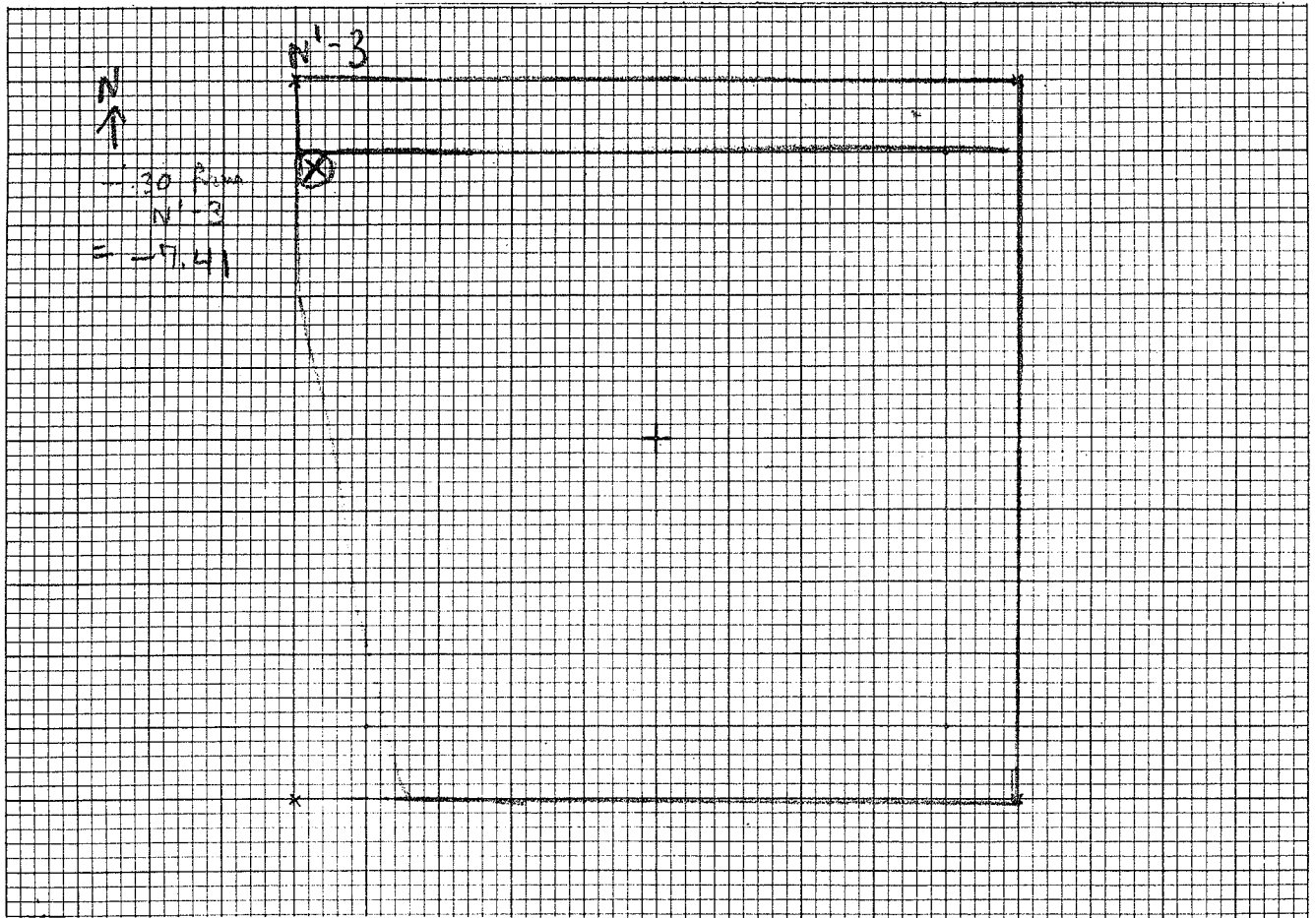
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch no features, much material, ~~most~~ MIXED
gravel + lenses, predominantly - coarseware.



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 135

Photos..... Recorded by RHG Date June 1992

Area Przjca Excavation Conce N¹-3 Level 2 Battuta 2

1. Subject..... (also see drawing for N¹-4 level 2 Battuta 2)

2. Horizontal location.....

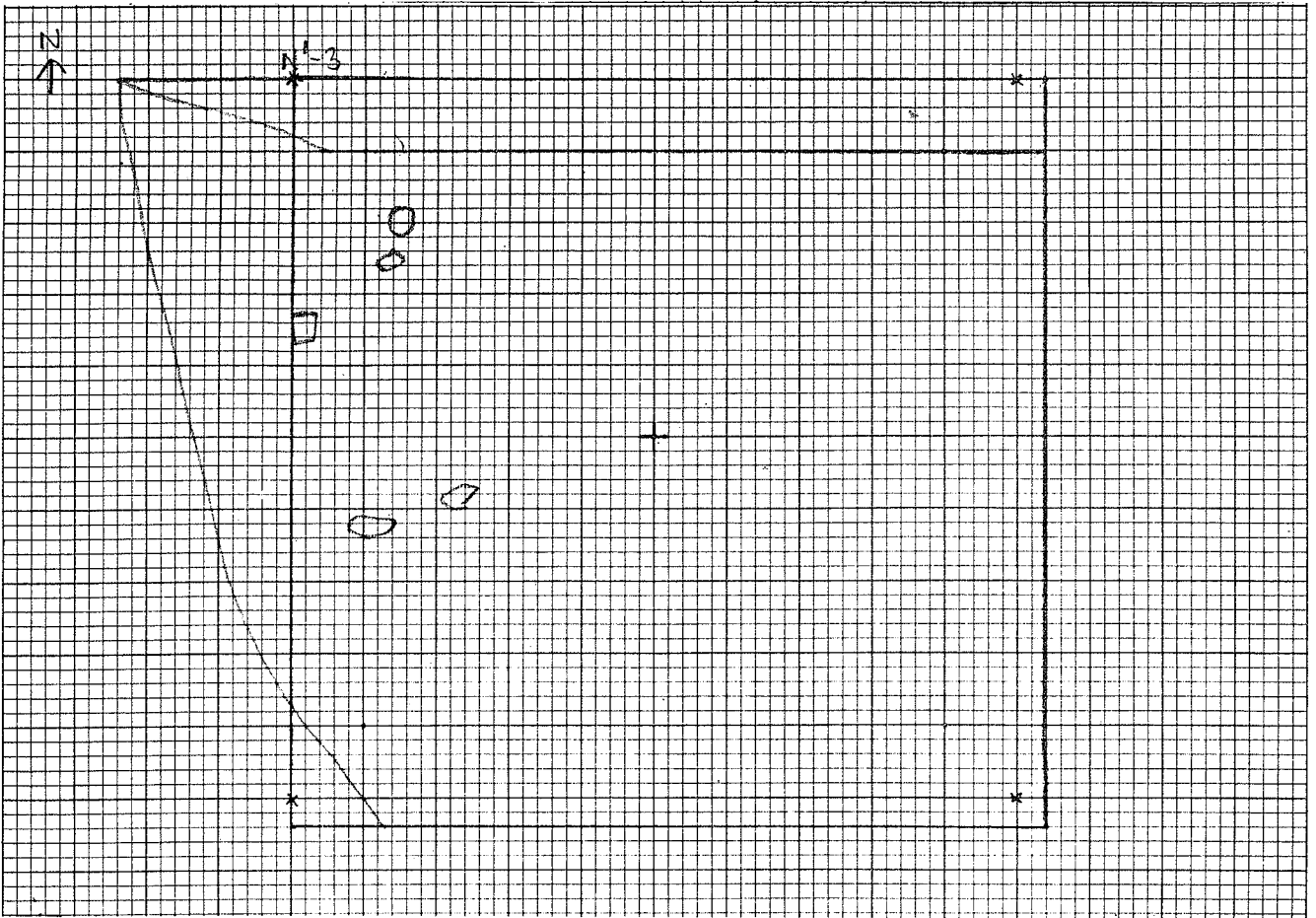
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....



Scale..... Title.....

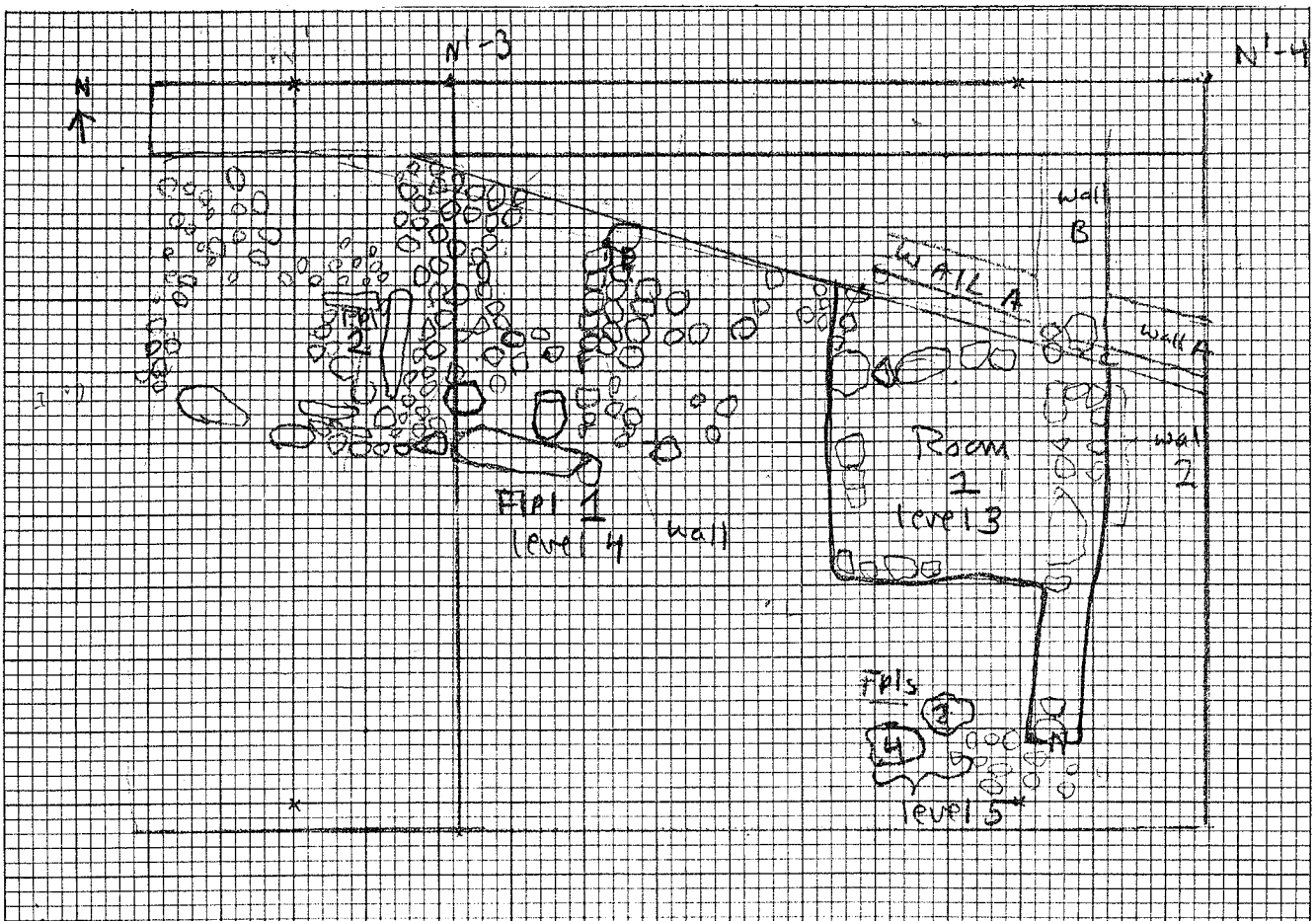
Worked by, using.....

Disposal of specimens.....

Reference notebook p.139

Photos..... Recorded by R.M.V. Date.....

- Area Pizzica Excavation Canal Level 3+4 + Level 5
1. Subject TRIANGLE 1 (N1-3, N1-4)
2. Horizontal location.....
3. Vertical location, strat. position.....
4. Dimensions.....
5. Matrix.....
6. Associations.....
7. Description, discussion, sketch.....



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p 171

Photos..... Recorded by..... Date.....

Area.....Excavation.....Level.....

1. Subject.....

2. Horizontal location.....

3. Vertical location, strat. position.....

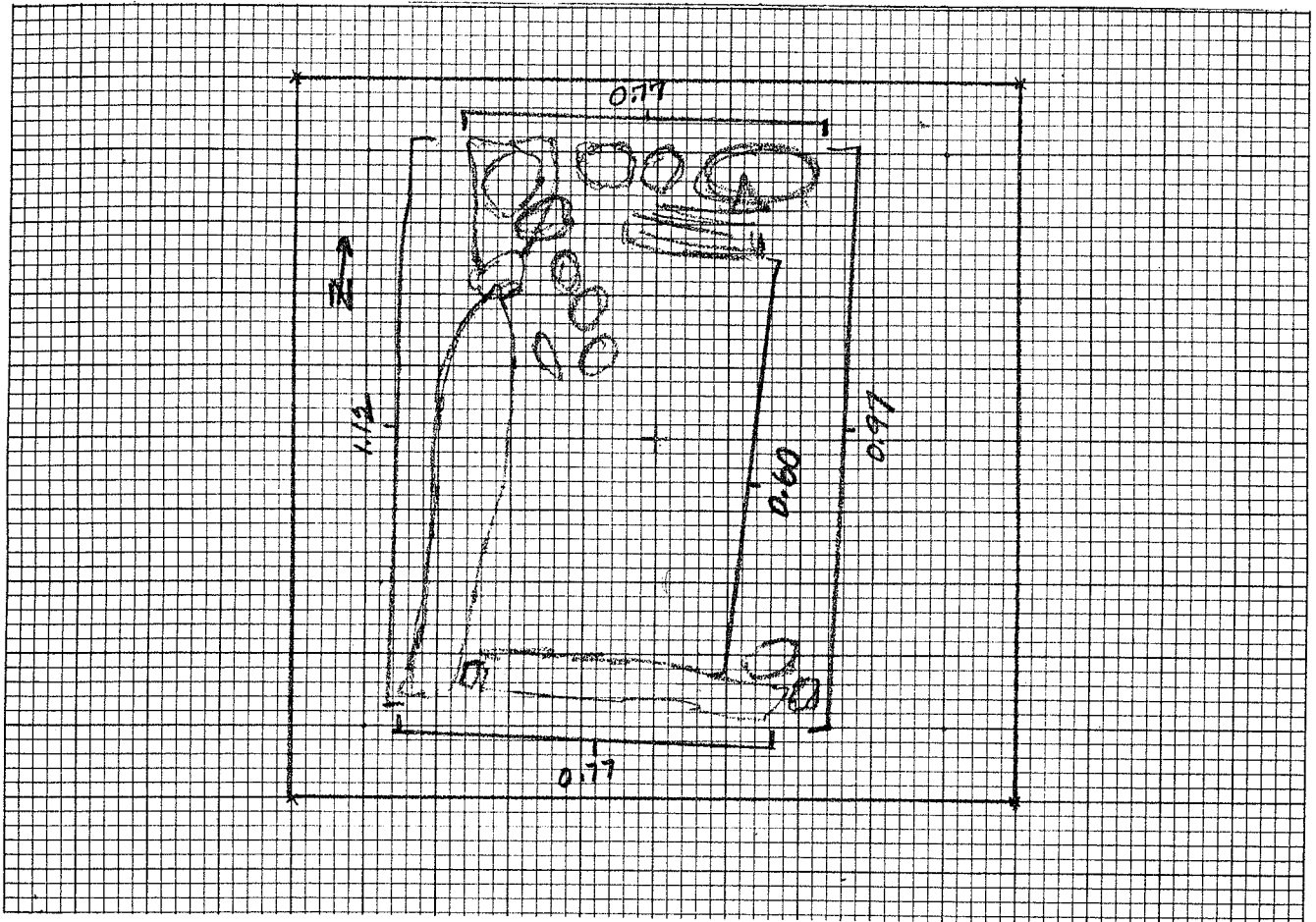
4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....

SUPPLEMENTAL DRAWING FOR LEVEL 2 OF FIREPLACE 2



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference... notebook p. 173

Photos..... Recorded by..... Date... June 17, 1977

U. T. Austin—GENERAL RECORD FORM

drawing 18
Site.....

Area..... Excavation..... Level.....

1. Subject..... E-W Bank N^o-3 - N^o-4
South Face

2. Horizontal location.....

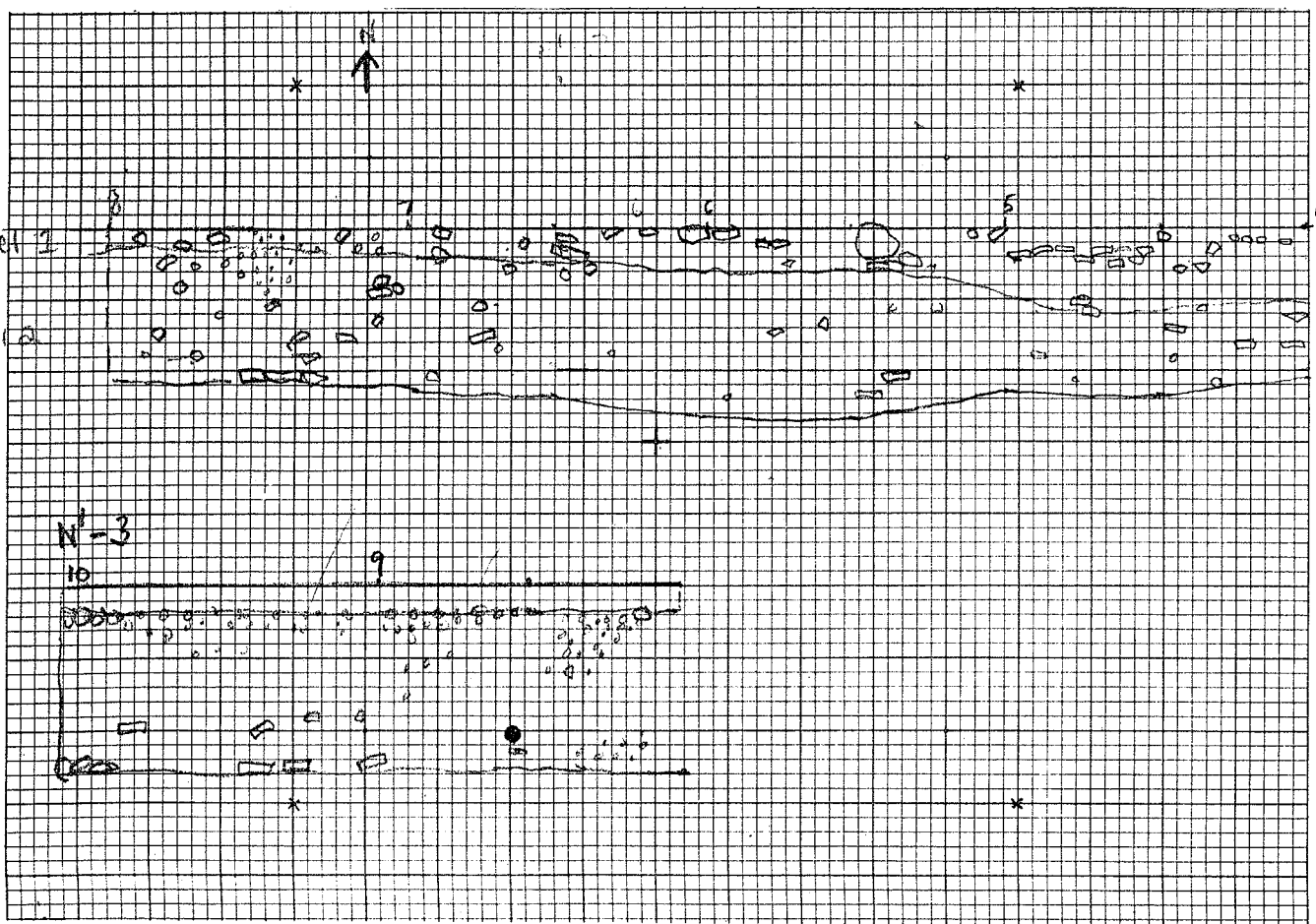
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch..... C. 15 cm above ground level 2 bottom east
colored earth



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p.167

Photos..... Recorded by..... Date.....

Area..... Excavation P311A - Canal Level.....

1. Subject E-W Bank of N1-3 + N1-4
at south face.

2. Horizontal location.....

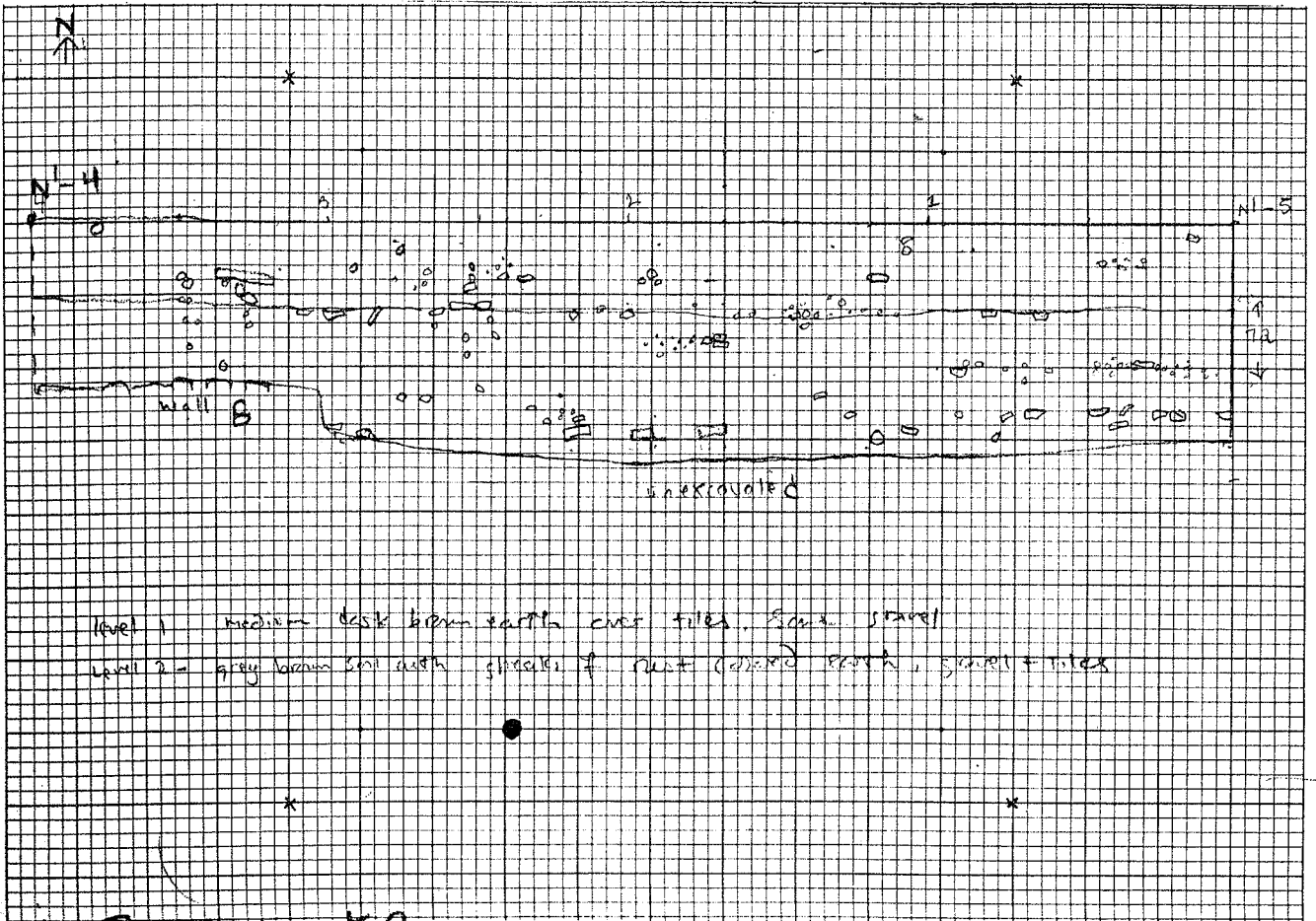
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....



Level 1 = medium dark brown earth with tiles, some gravel
 Level 2 = grey loam soil with clasts of rust colored earth, gravel + tiles

Scale ? Why not? Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p.167

Photos..... Recorded by..... Date June 14, 1977

U. T. Austin—GENERAL RECORD FORM

Site.....

Area Pozzica Excavation Canal N-4 Level 1

1. Subject.....

2. Horizontal location.....

3. Vertical location, strat. position lev. 1, level above & around the tile deposits.

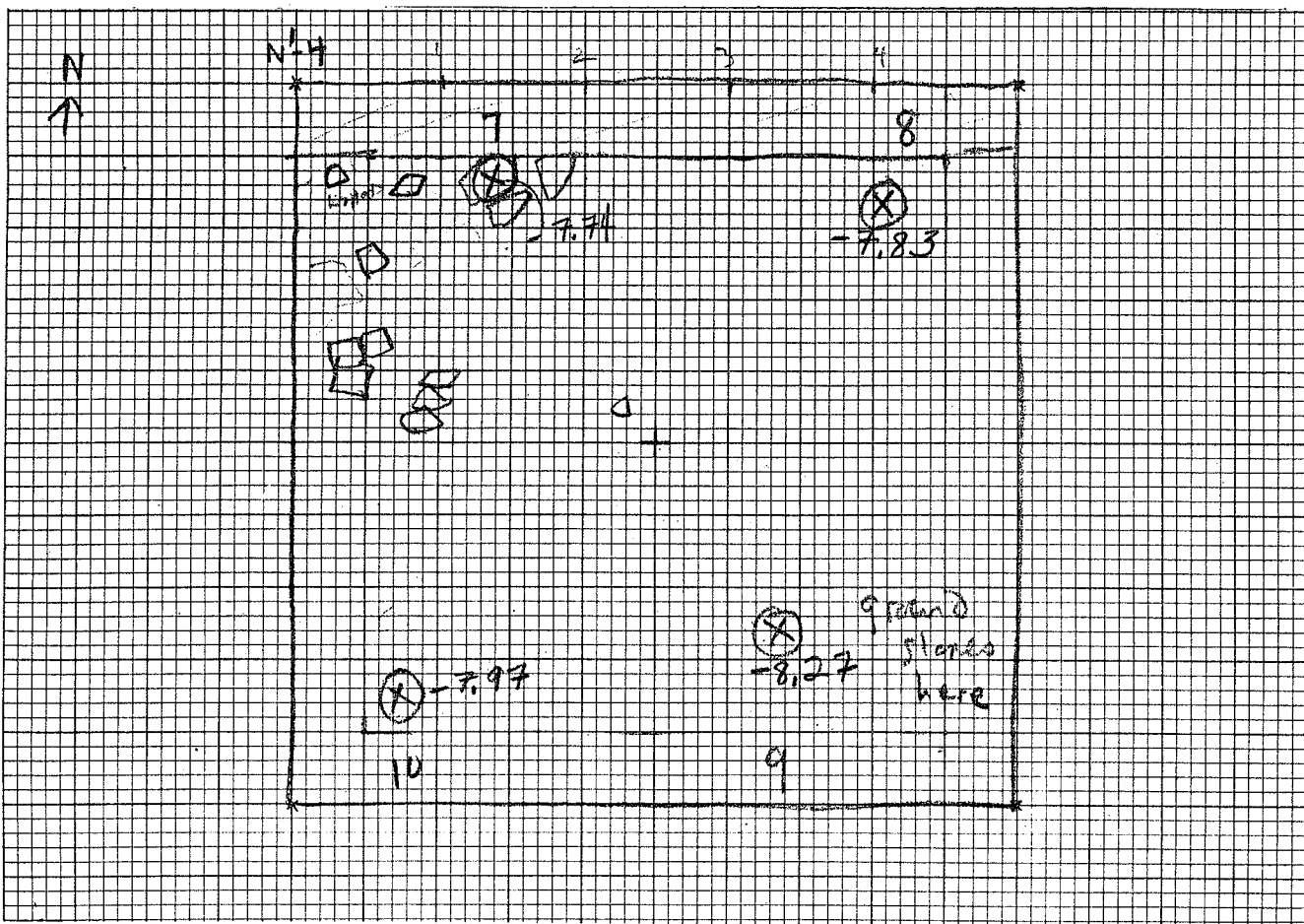
4. Dimensions.....

5. Matrix dry, hard, medium-dark brown

6. Associations.....

7. Description, discussion, sketch.....

note slope of ground is SE (see # 9)



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 131

Photos..... Recorded by RUTH GALS Date May 30 1977

Area Pizzua Excavation Canal N¹-4 Level 2

1. Subject.....

2. Horizontal location.....

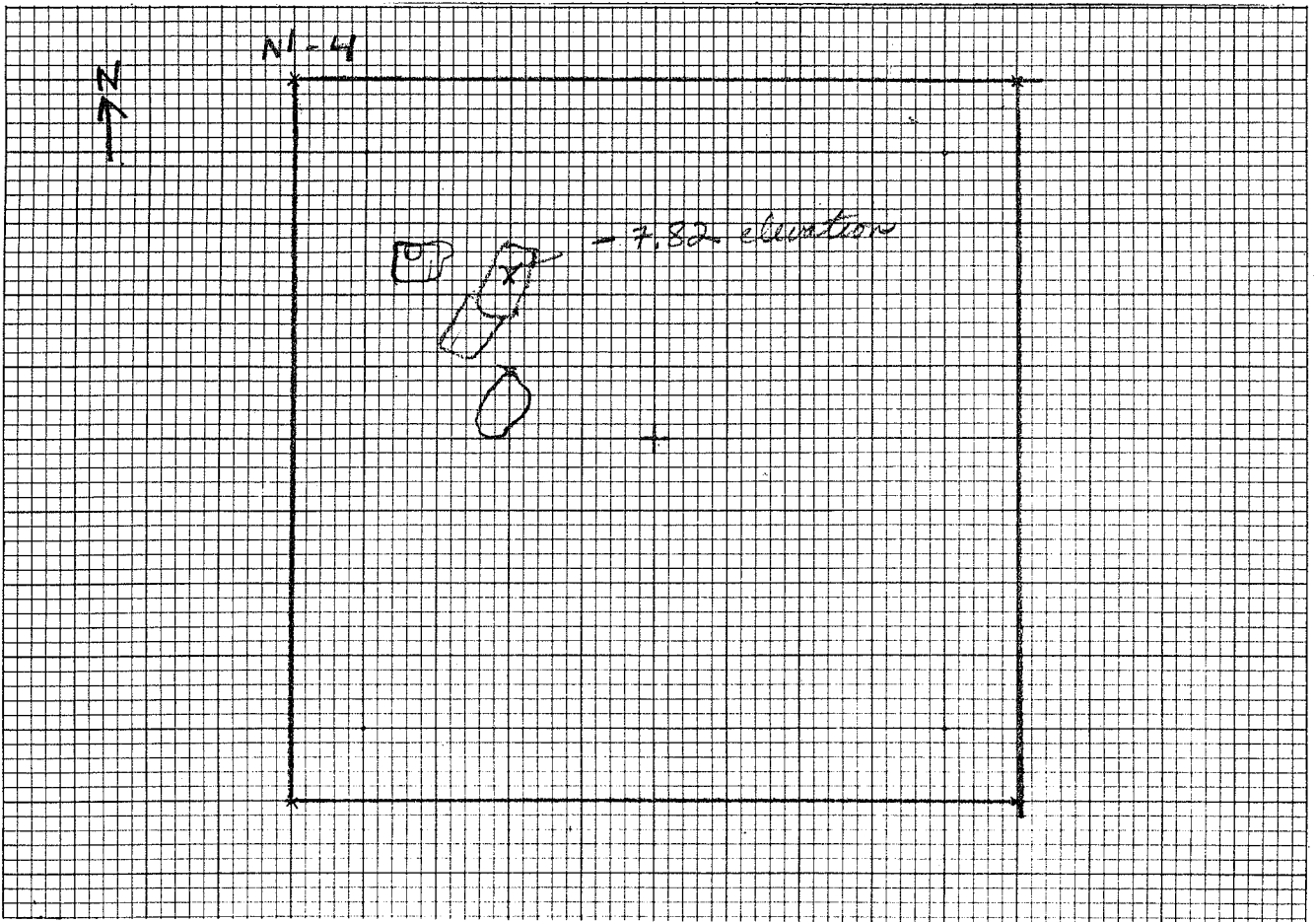
3. Vertical location, strat. position lev. 2 - level under the tile fall in N¹-3,
N¹-4, N¹-3, N¹-4

4. Dimensions.....

5. Matrix dry, light brown.

6. Associations.....

7. Description, discussion, sketch Very deep level - 20 cm at east to 50 cm
at west. No gravel here as in N¹-3.



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 135

Photos..... Recorded by..... Date May June 1 1977

Area CANAL Excavation Canal N^o 4 Level 2 Battuta 2

1. Subject PLAN

2. Horizontal location N^o 4

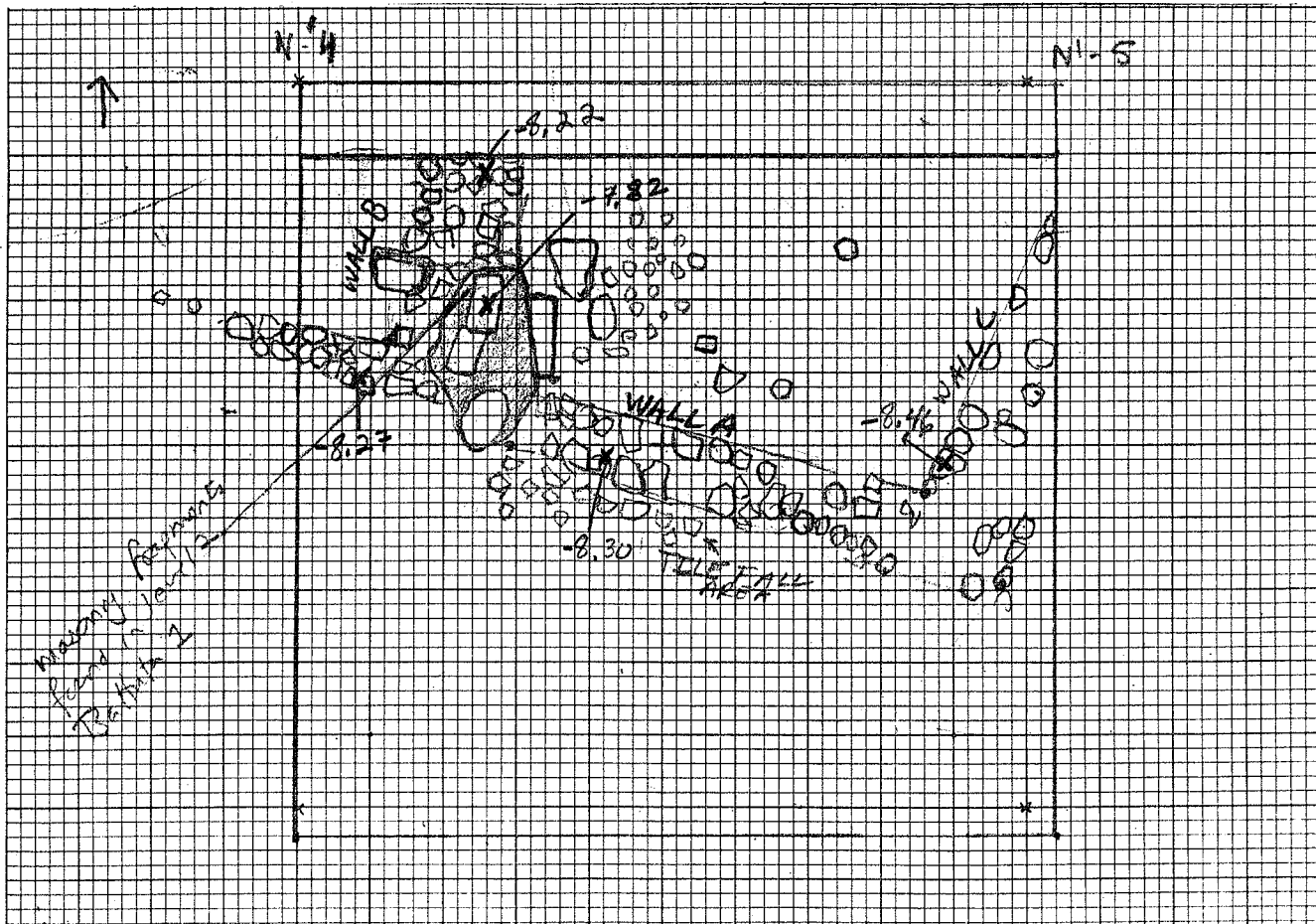
3. Vertical location, strat. position LEV. 2 b. 2

4. Dimensions 5 X 5 m unit

5. Matrix

6. Associations WALLS A, B, C (see below)

7. Description, discussion, sketch WALLS A, B & C Found. ALL are made of fieldstone and tiles. S. of wall A are tiles; N. between walls B, C are gravel mixed to small size, possibly a floor, and occur a few cm lower than wall E. I assume about 5cm which would make it 8.35 to 8.51^(E) absolute elevations (see below)



Scale Title

Worked by, using

Disposal of specimens

Reference notebook p. 137

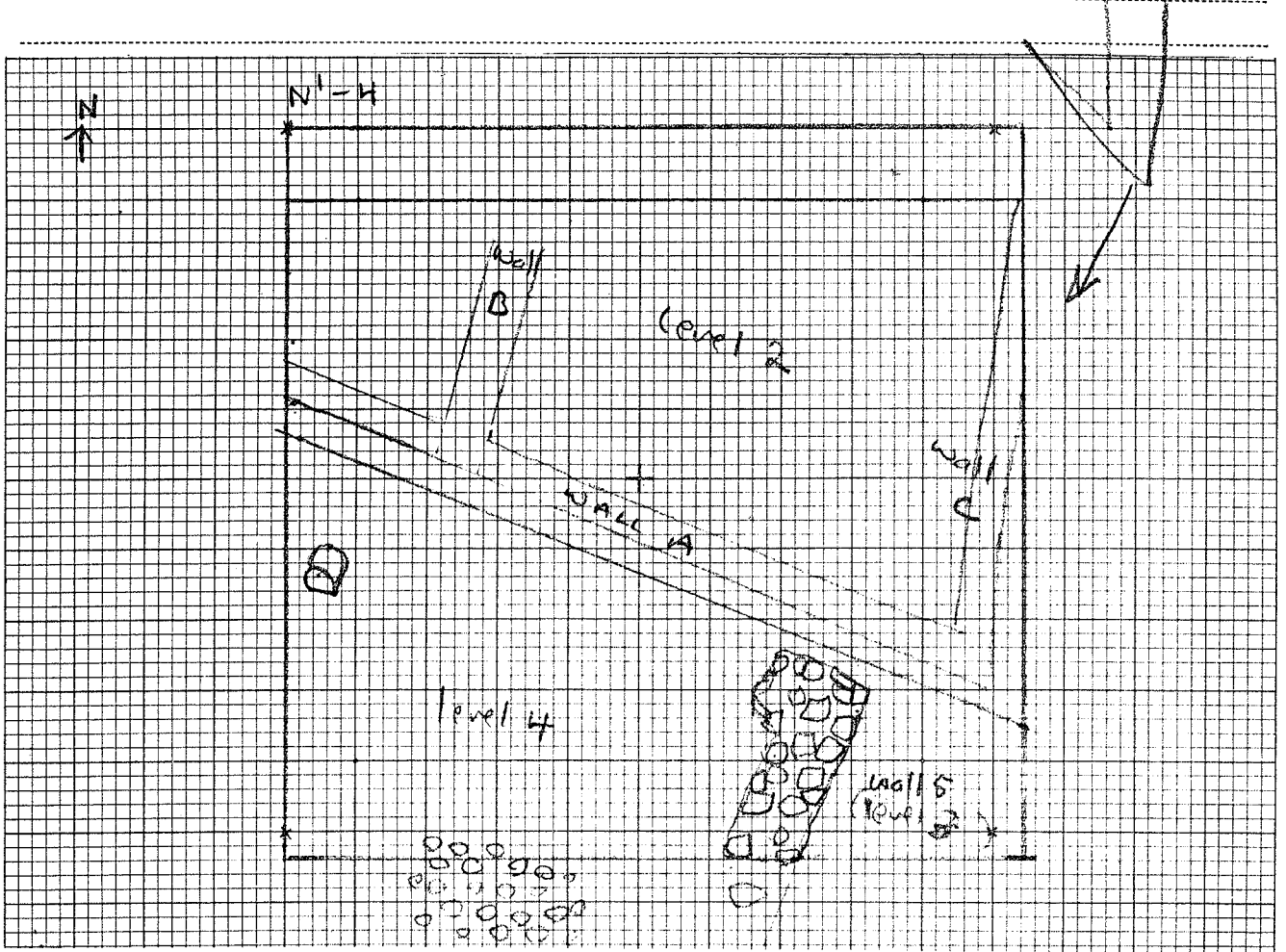
Photos Recorded by Date

Recorded by RMB
SLA 27 MARCH, 1978
Date June 7, 1977

Area Canal Excavation Triangle 1 (N1-3, N1-4) Level 3, 4, 5

- 1. Subject.....
- 2. Horizontal location.....
- 3. Vertical location, strat. position.....
- 4. Dimensions.....
- 5. Matrix.....
- 6. Associations.....
- 7. Description, discussion, sketch.....

*Sept 3, 4 here
SLA*



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 169

Photos..... Recorded by..... Date.....

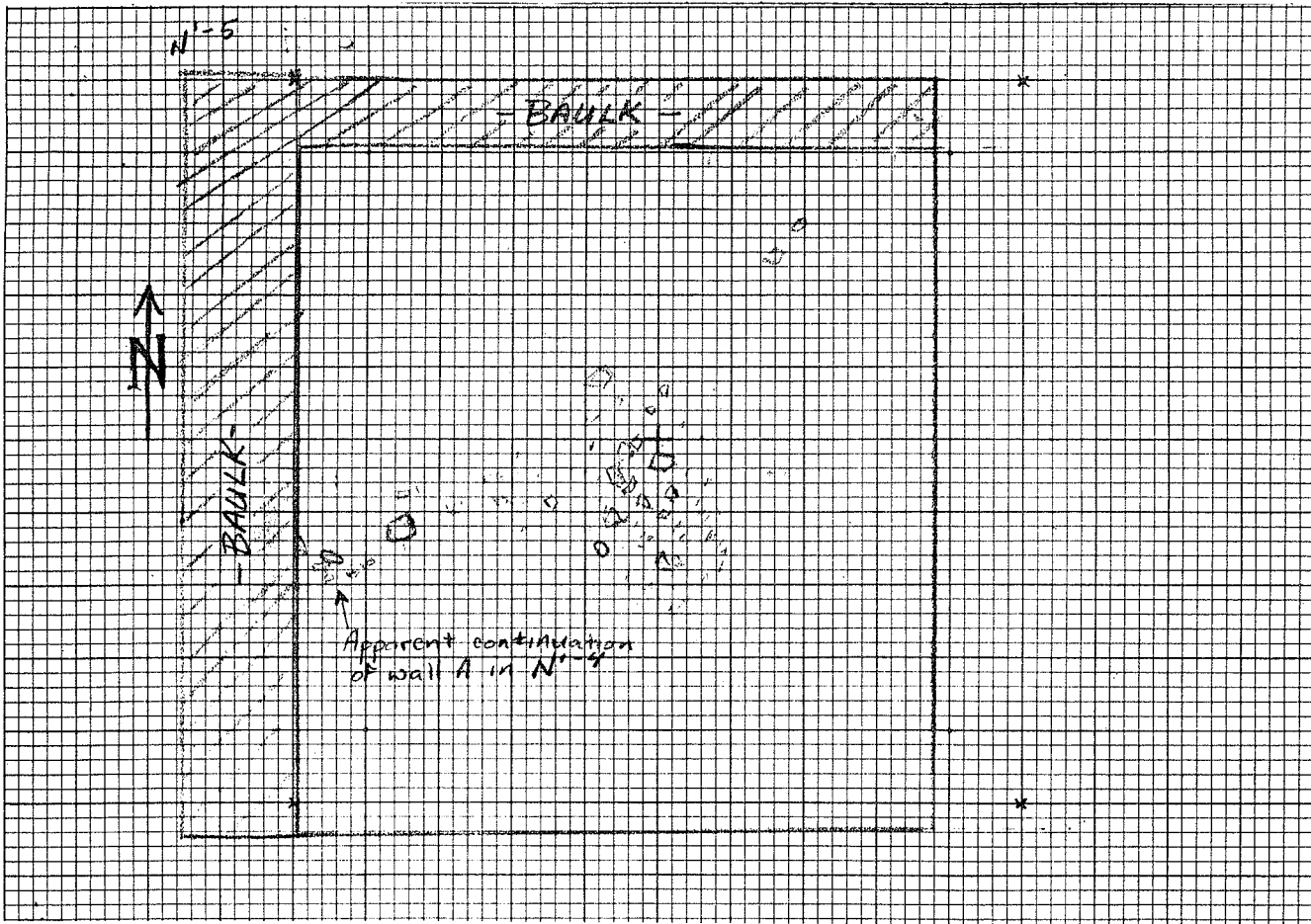
U. T. Austin—GENERAL RECORD FORM

drawing 16
Site.....

Area N¹-5 Excavation N¹-5 Level 2

- 1. Subject.....
- 2. Horizontal location.....
- 3. Vertical location, strat. position.....
- 4. Dimensions.....
- 5. Matrix.....
- 6. Associations.....
- 7. Description, discussion, sketch.....

70 0-1
248 70
210 210



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 161

Photos..... Recorded by JACK ENGELERT Date June 13, 1971

Area Canal Excavation N¹-5 Level 4+5

1. Subject.....

2. Horizontal location.....

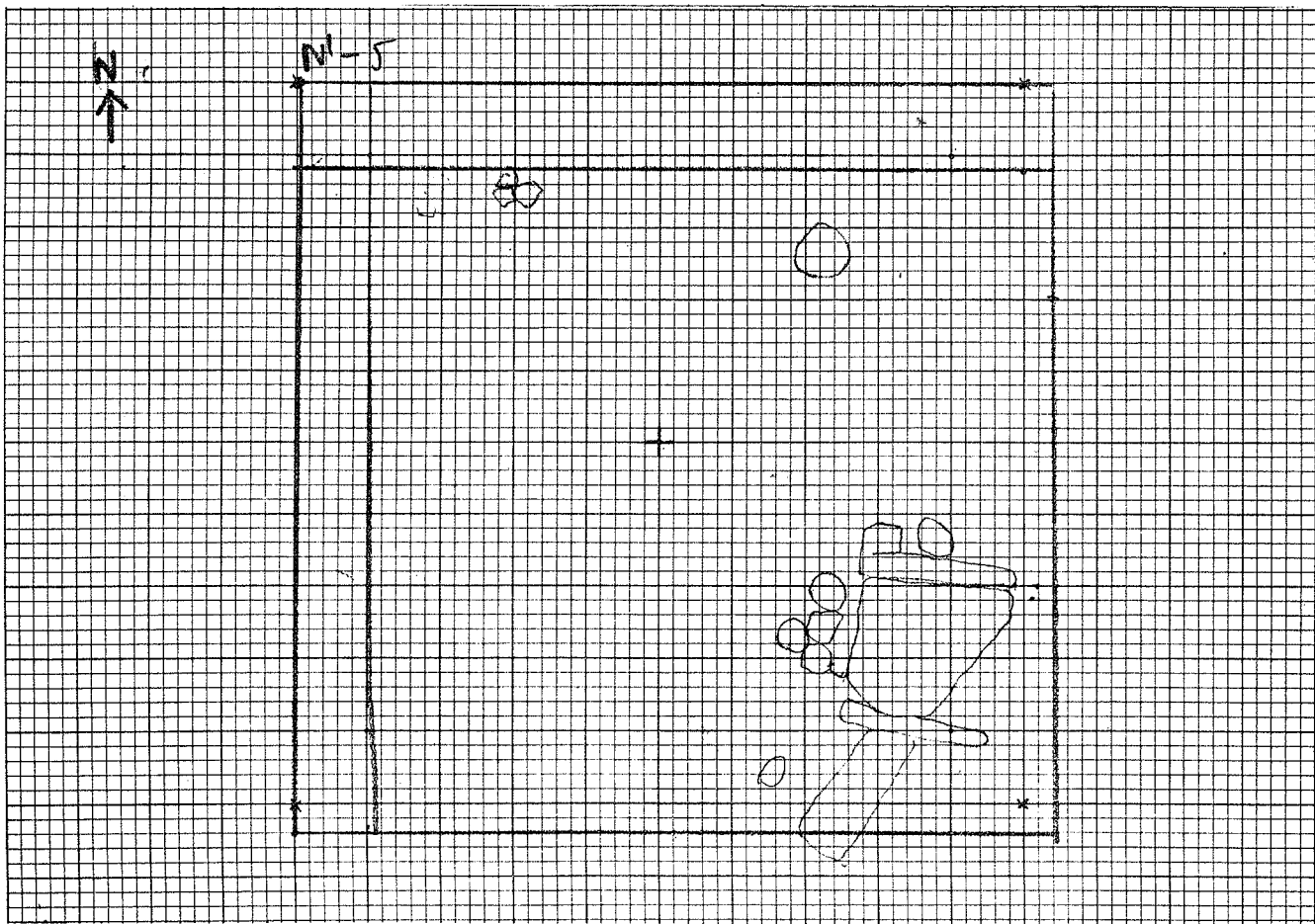
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch. Soil was recently filled with H₂O. Only features are
some fieldstones, a large flat block in the SE of the square (1.60cm long) + several blocks lying
vertically near this flat block. There are also several smaller conglomerate
blocks south of it. These do not appear to be in situ, but rather to have
tumbled into position. To the south, in 0¹-5, no features were found.



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 163

Photos..... Recorded by..... Date June 21, 1977

L. T. Austin GENERAL RECORD FORM

Site

Area

Excavation N1-5

Level

1. Subject Section E-W Bank between N1-5 + M1-5, South Face

2. Horizontal location

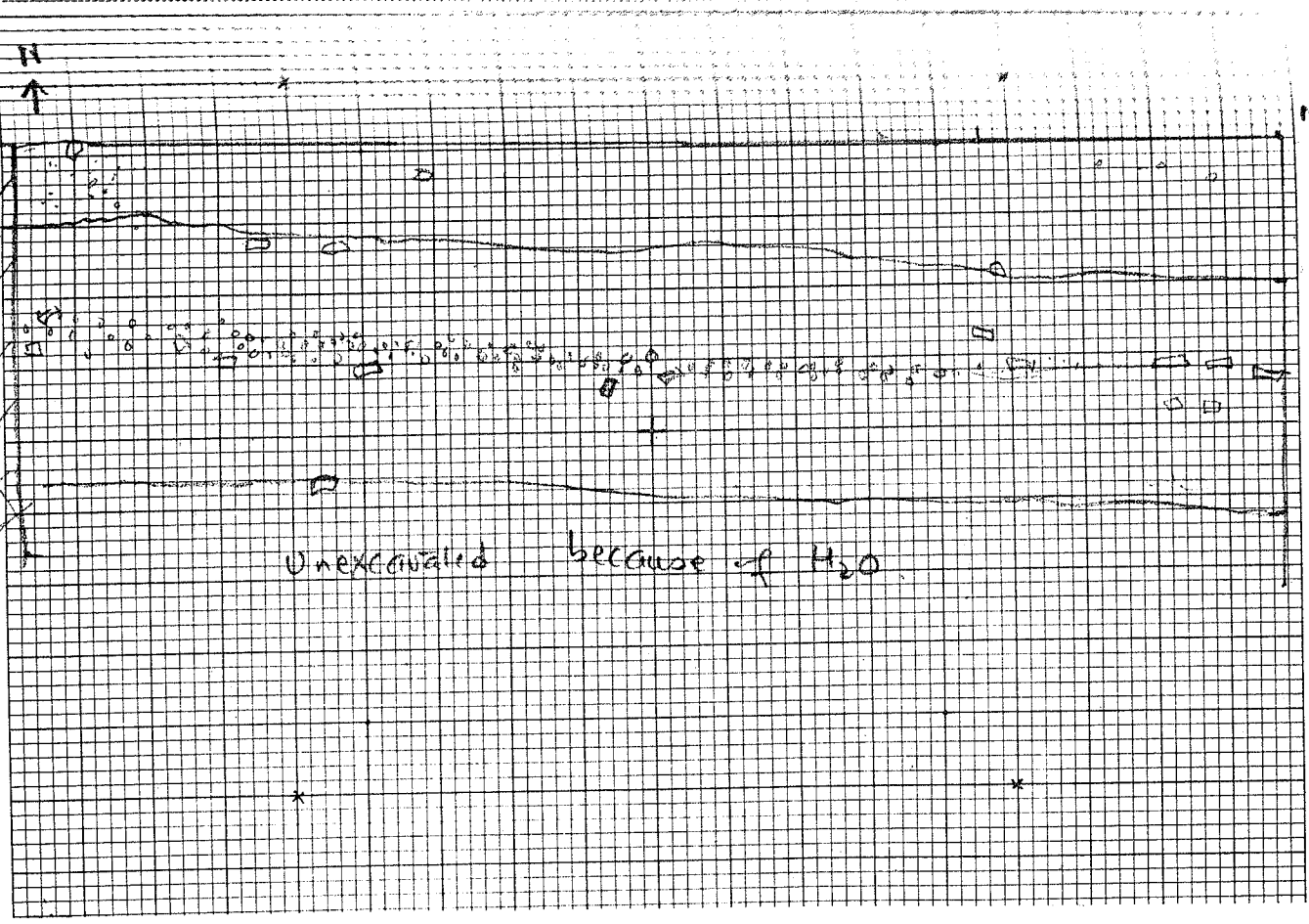
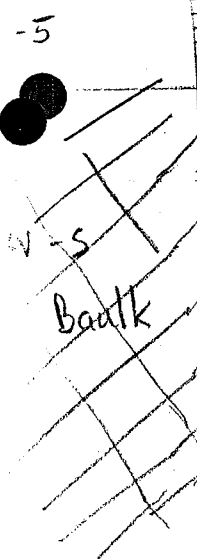
3. Vertical location, strat. position level 1: c. 50 cm. Dark brown soil, small white shells in it + tile + gravel

4. Dimensions

5. Matrix

6. Associations level 2: c. 30 cm - lighter, dry soil, also some gravel + tiles which ends in a gravel + tile

7. Description, discussion, sketch. Note gravel/tile layer same level as tile fill # 2 in N1-6 Section level 3 under gravel layer in which there are also tiles. light brown soil level 4: Dark grey clay like soil, unbanked, due to tile.



Scale

Title

Worked by, using

Disposal of specimens

Reference notebook p. 163

Photos

Recorded by

Date

Area..... Excavation..... Level.....

1. Subject (2) Section of E-W Bank btwn L'-4 + K'-4, South face
1E

2. Horizontal location.....

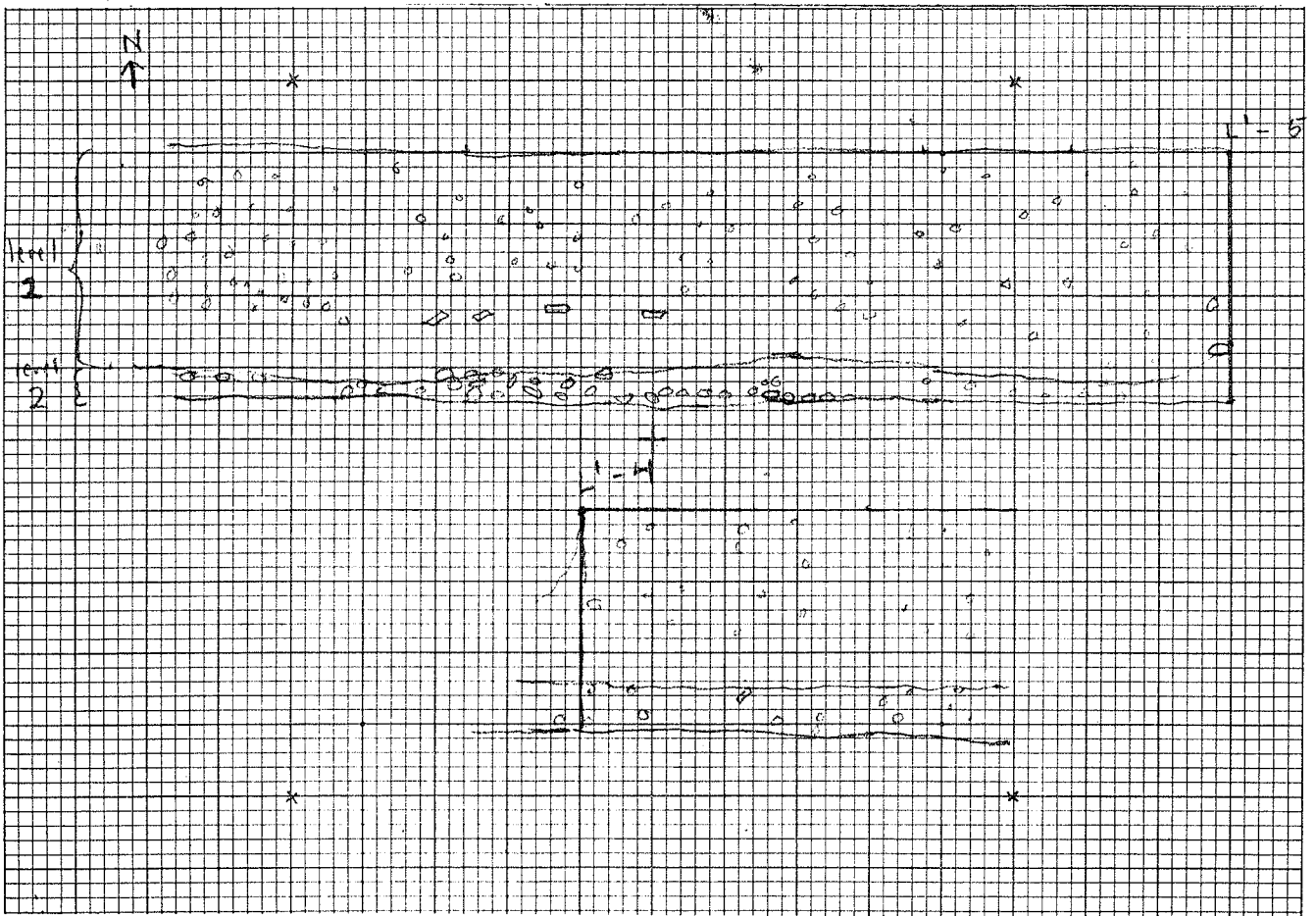
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch level 1 - detritum earth full of gravel, tiles +
ceramic - to the level of the wall later 1 + the tile fill associated
with it level 2 - The level below the level of the wall
+ tile fall - light brown, hard earth, in some areas full
of gravel



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p 151

Photos..... Recorded by RMT Date June 21

Area Canal Excavation N1-6 Level.....

1. Subject Section, East-West Bank between N1-6 + N1-6, South face.

2. Horizontal location.....

3. Vertical location, strat. position..... level 1 Dark brown earth with bits of gravel

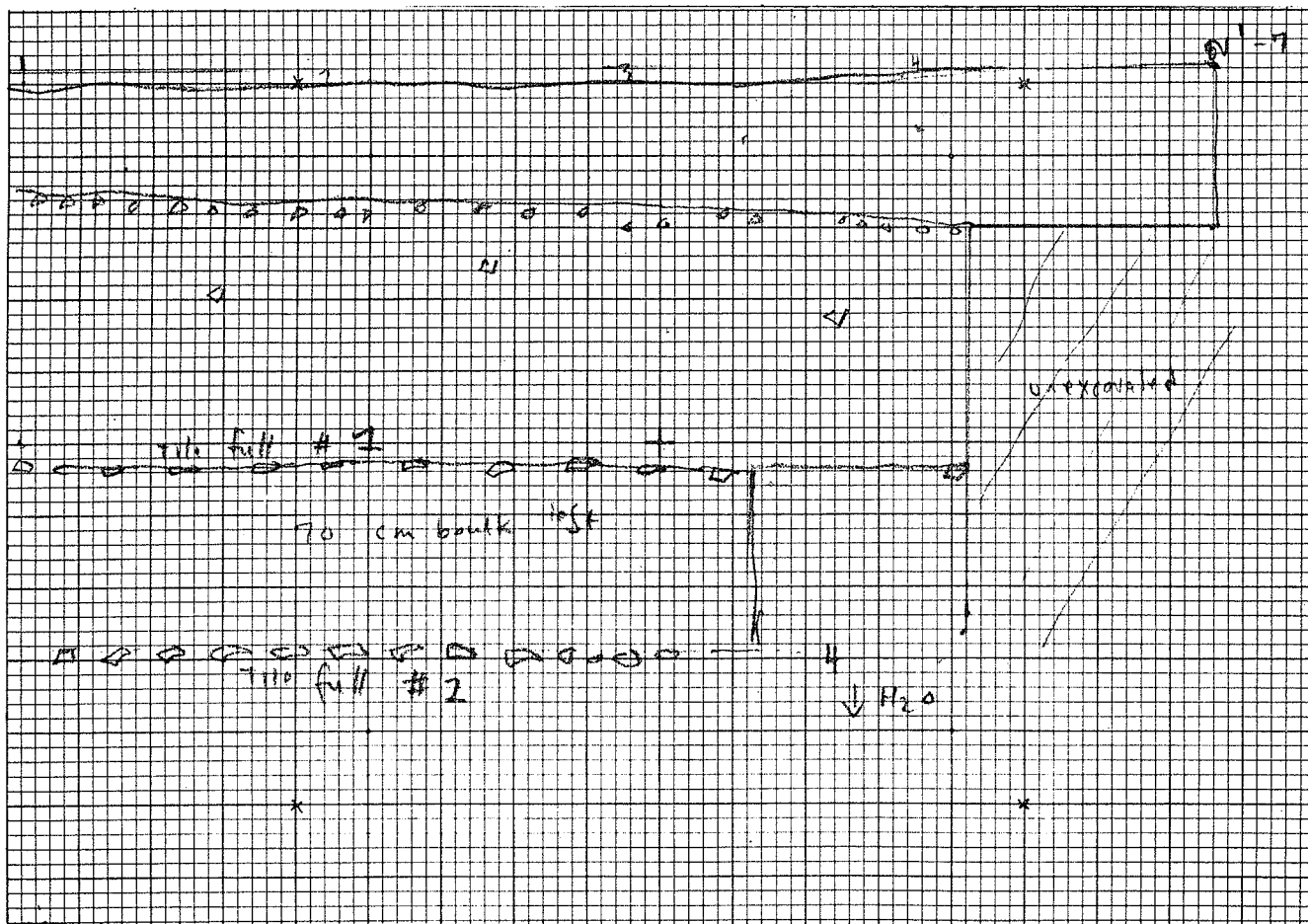
4. Dimensions..... level 2 - lighter brown dry earth with a heavy concentration of gravel at the top of the level. This level ends at the tile fall #1

5. Matrix.....

6. Associations..... level 3 - below tile fall #1 brown moist soil

7. Description, discussion, sketch..... level 4 - below tile fall #2 to H2O Dark grey claylike soil

N
→



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook PZ 1977 p. 1

Photos..... Recorded by..... Date June 24 1977

U. T. Austin—GENERAL RECORD FORM

Site.....

Area.....Excavation.....Level.....

1. Subject *N1-6 Section carbons!*

2. Horizontal location.....

3. Vertical location, strat. position.....

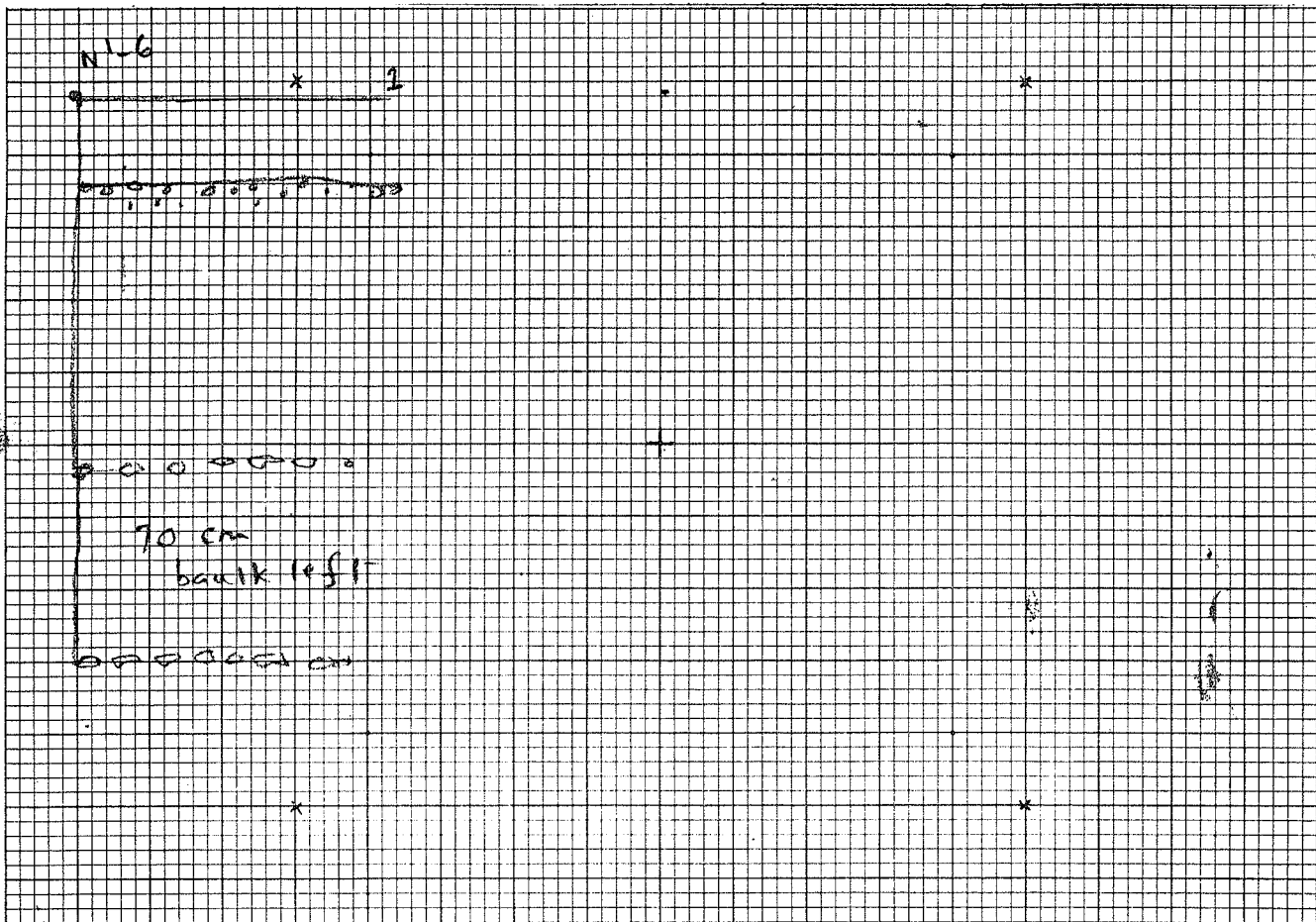
4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....

N
↑



Scale.....Title.....

Worked by, using.....

Disposal of specimens.....

Reference *notebook PZ 1977, p.1*

Photos.....Recorded by.....Date.....

Area..... Excavation N1-6 Level 3+4

1. Subject.....

2. Horizontal location.....

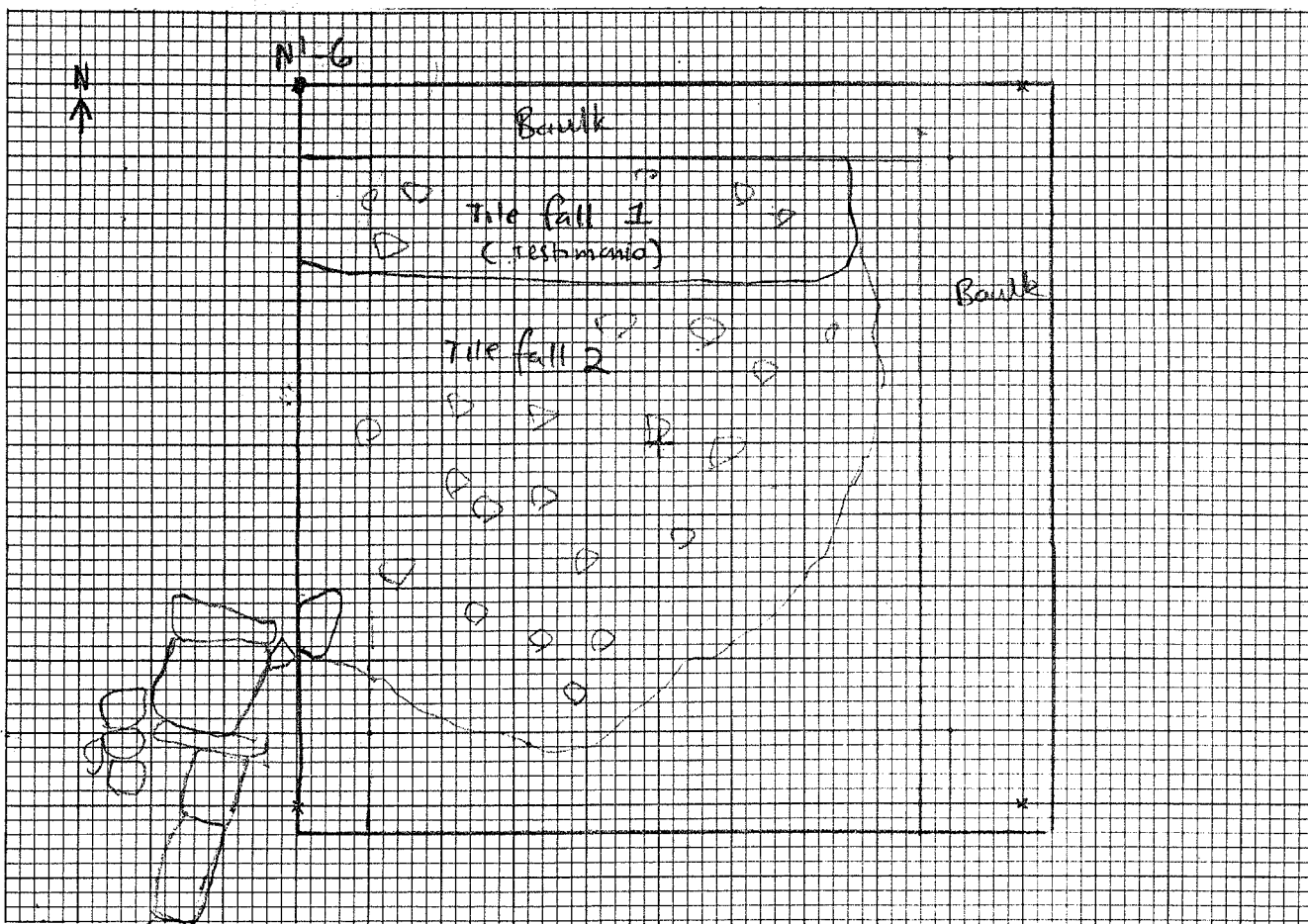
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook p. 183

Photos..... Recorded by RNG Date June 28 1937

U. T. Austin—GENERAL RECORD FORM

Site.....

Area..... Excavation..... Level.....

1. Subject.....

2. Horizontal location.....

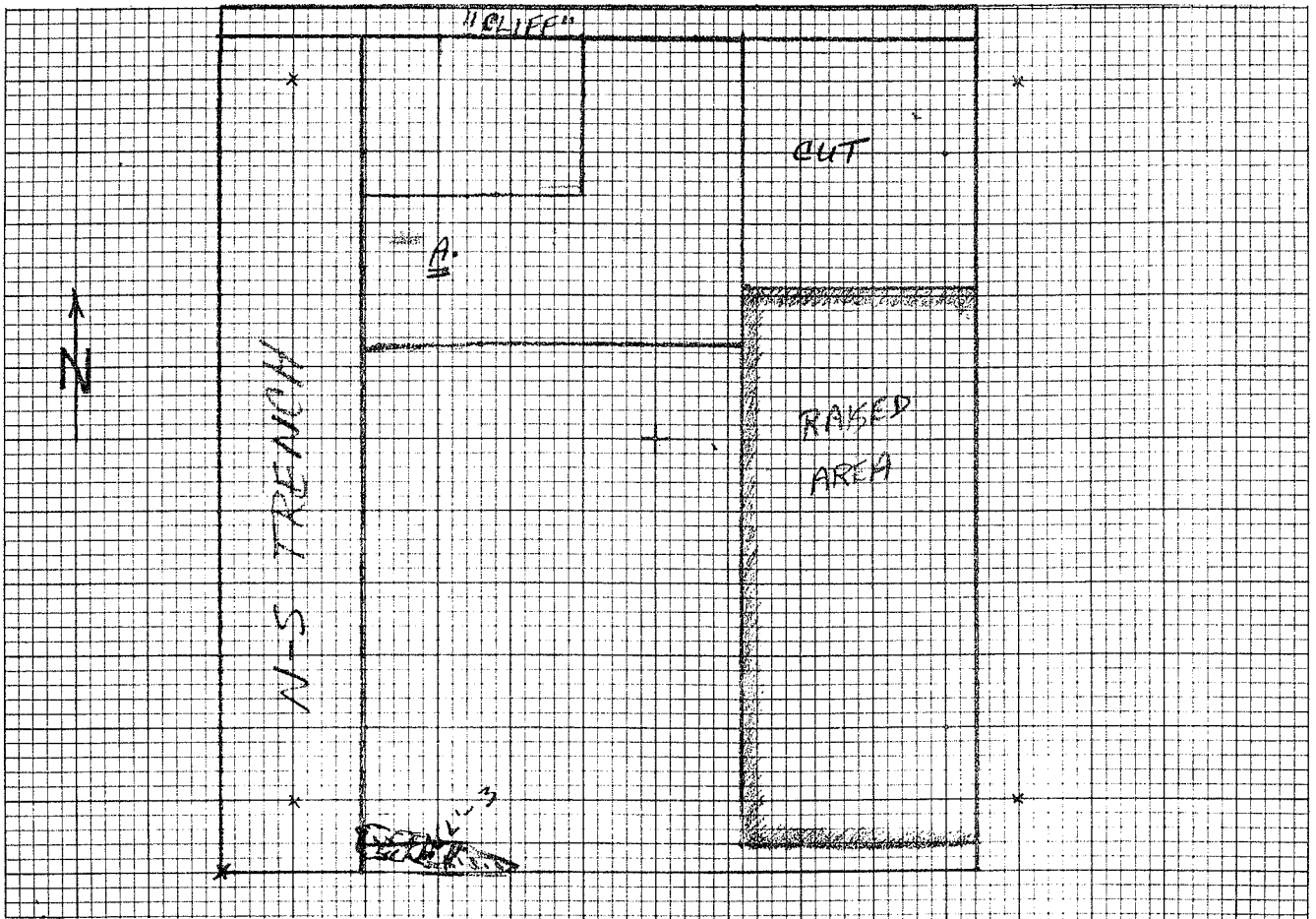
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch. PURPOSE OF DRAWING IS TO INDICATE CONDITIONS IN AREA WHERE N-S TRENCH WAS EXTENDED. A. IS c. 0.20m above the rest of the extension area.



Scale..... Title.....

Worked by, using.....

Disposal of specimens.....

Reference. *notebook PZ 1977 p. 7*

Photos..... Recorded by..... Date.....

U. T. Austin—GENERAL RECORD FORM

Site.....

Area ^{Pizzica -} CANAL Excavation NORTH-SOUTH TRENCH EAST EXTENSION Level STRATIGRAPHY

1. Subject.....

2. Horizontal location.....

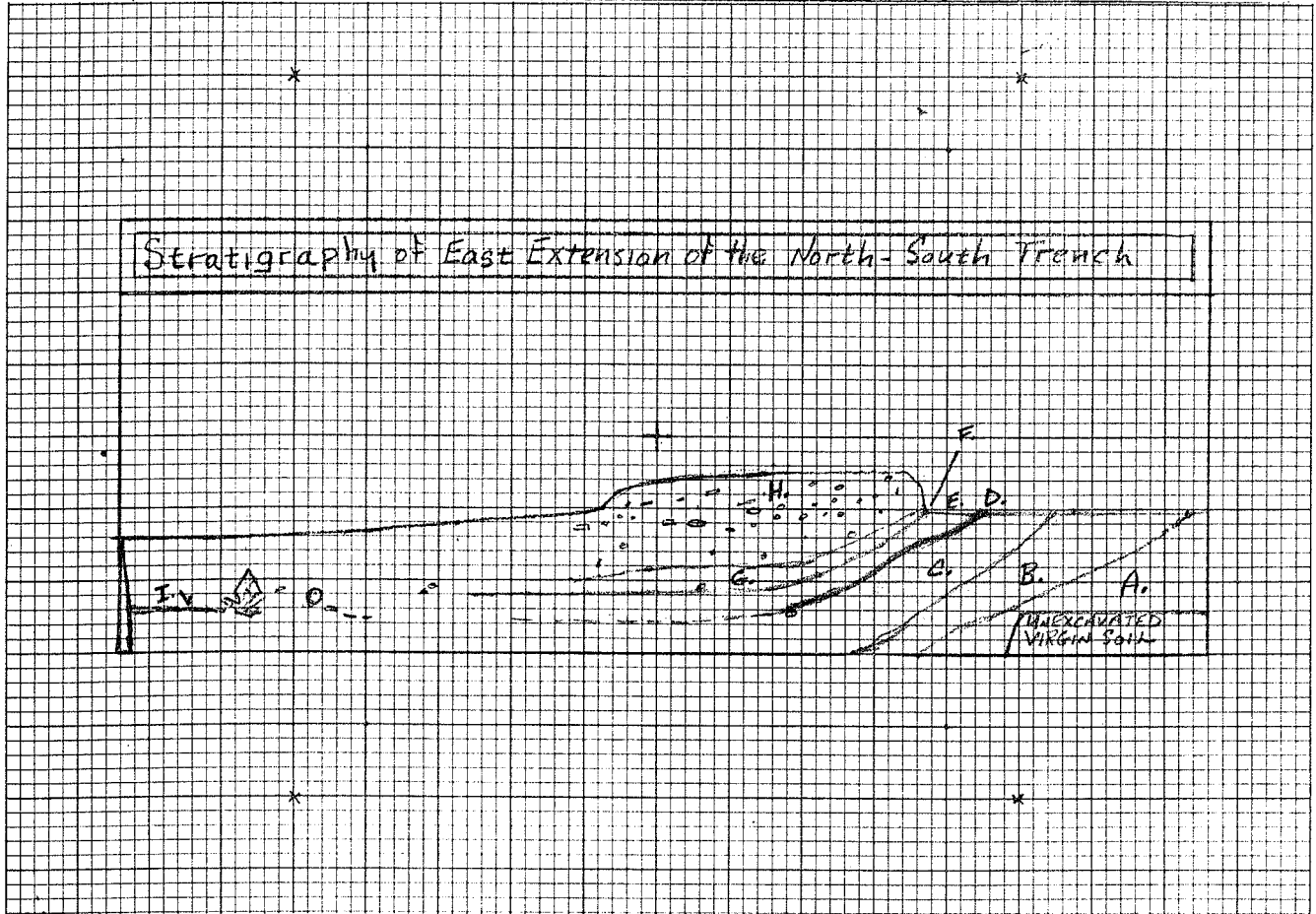
3. Vertical location, strat. position.....

4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch A.-VIRGIN SOIL-"GOLDEN" W/ PEBBLES B. GRAYISH "CHOCOLATE" C. YELLOWISH BROWN D. CHARCOAL LAYER-APPEARS TO FAINTLY CONT. SOUTHWARD E. SOIL SIMILAR TO C. F. THIN "PINKISH" BAND, FAINT TRACKS INDICATE ITS CONTINUANCE SOUTHWARD TO SOME DEGREE G. LAYER OF "CHOCOLATE" TYPE SOIL MAY BE ASSOC. W/ F. H. LIGHT BROWN "CREAK" W/ MANY STONES & TILES I. BURN LAYER-POSSIBLE CONTINUATION OF D. SEQUENCE OF PICTURES IN MORNING LIGHT, PLUS MANY OTHERS HAVE BEEN TAKEN OF STRATIGRAPHY. HOWEVER THE USEFULNESS OF THE PHOTOGRAPHS REMAINS TO BE SEEN. THIS DRAWING ITSELF MAY BE ADDED TO AT A LATER DATE.



Scale 1:50 Title STRATIGRAPHY OF EAST EXTENSION OF THE NORTH-SOUTH TRENCH

Worked by, using.....

Disposal of specimens.....

Reference notebook PZ 1977 p. 31

Photos..... Recorded by JACK ENGLERT Date JUNE 29-30, 1977

Area..... Excavation PIZZICA CANAL Level.....

1. Subject.....

2. Horizontal location L'-4
Western edge of cut defined by modern fill and bank

3. Vertical location, strat. position northern continuation of wall E

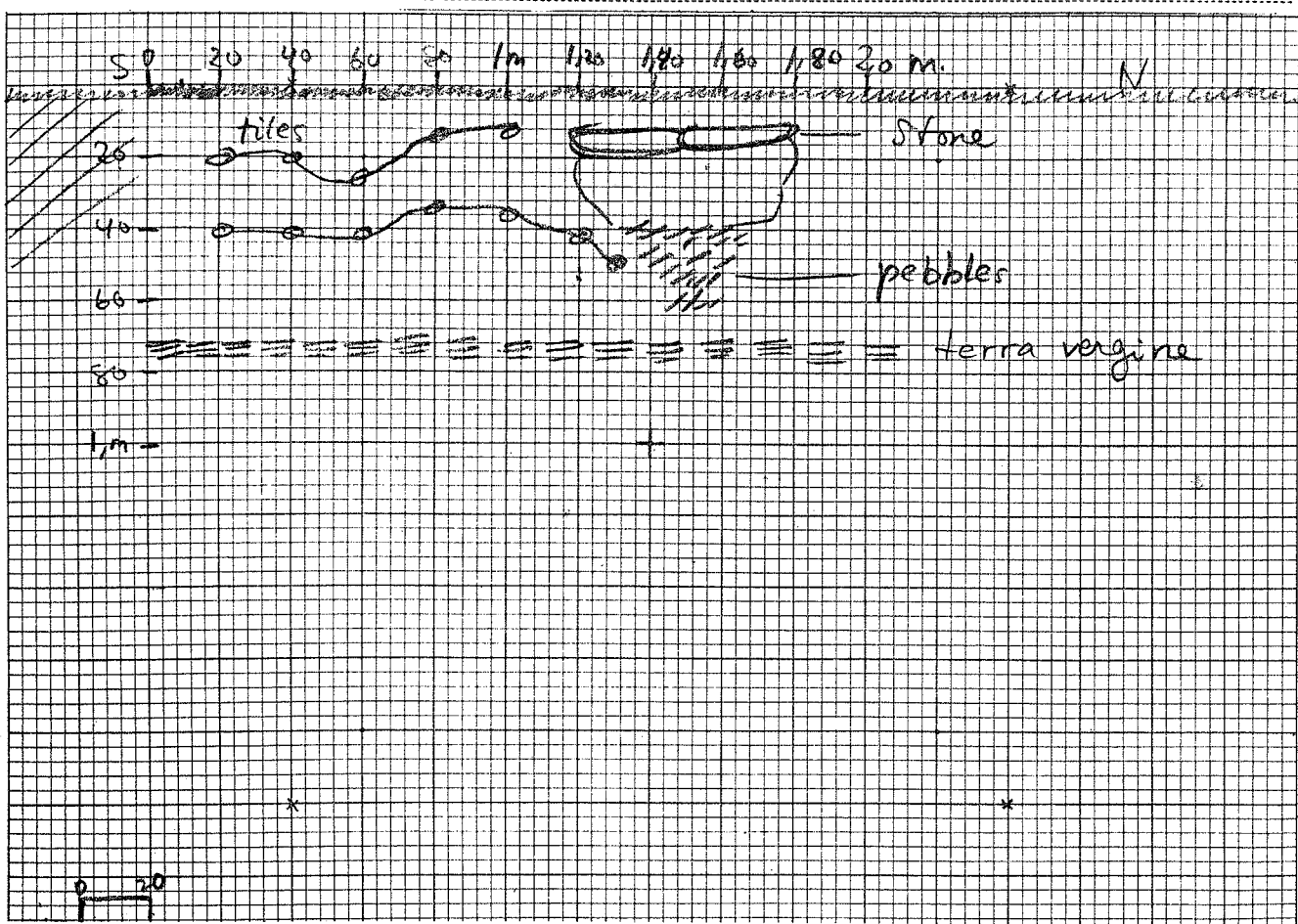
4. Dimensions.....

5. Matrix.....

6. Associations.....

7. Description, discussion, sketch.....

level 3
modern
fill



Scale 1=4 Title.....

Worked by, using.....

Disposal of specimens.....

Reference notebook P2 1977 p. 37

Photos..... Recorded by IE Date 29 June 1977