

Archaeological Excavations at Hammer Mill, Biddenden
Wealden Archaeological Group 1970-72
Contents of Site Note Book

(1970)

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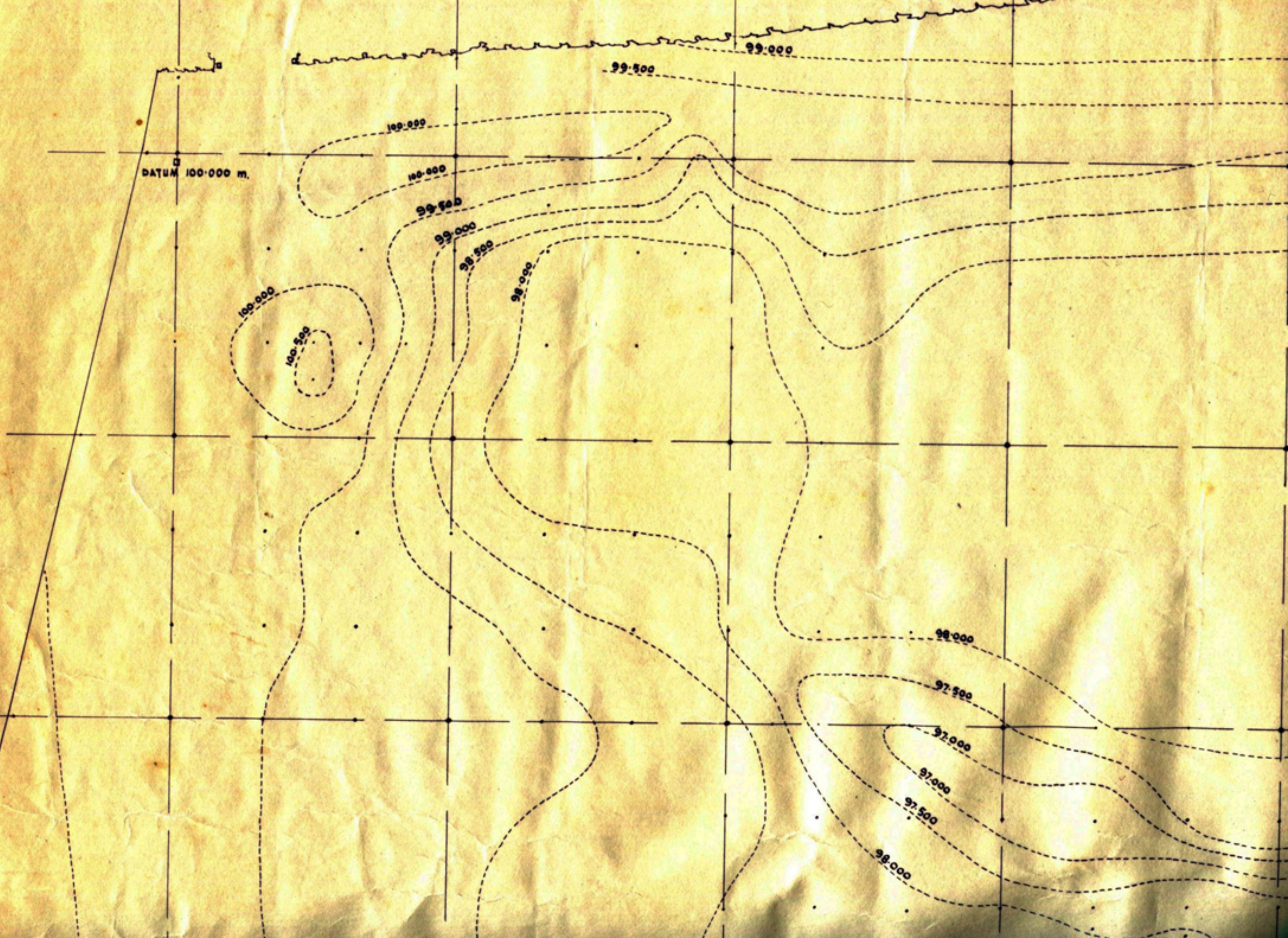
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- 1) iron fragment, curved
- 2) clay pipe stem
- 3) iron fragment, triang section
- 4) clay pipe stem
- 5) pot sherd

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- 6) pc of nailed lead
- 7) clay pipe stem
- 8) clay pipe stem
- 9) clay pipe stem
- 10) pot sherd
- 11) part of iron pot
- 12) clay pipe bowl
- 13) clay pipe stem & peg
- 14) iron bars (+ glass)
- 15) 2 iron objects (diagrams)
- 16) clay pipe bowl & stem



Straker Bedser



HAMMER MILL

BIDEN DEN

NOTES ON 01970

shorthand book no.2

300 pages

H136. background

Area location map.

Donovan on canal.

Sunday, July 12.

Weather: Fine, hot.

a.m. Present: Don, Ray Day, Alex
Klomon. ABC.

Trup cleared from 2 E. Further
digging in 2F, revealing one fragment
of bicycle wheel and, at a lower
level, large lumps of stone and? Iron
waste. (Messrs Taylor, Prounfield / Debbie Sims visited).

p.m. Present: morning contingent +
David Jackson.

Sunday July 19th

Weather: Cloudy.

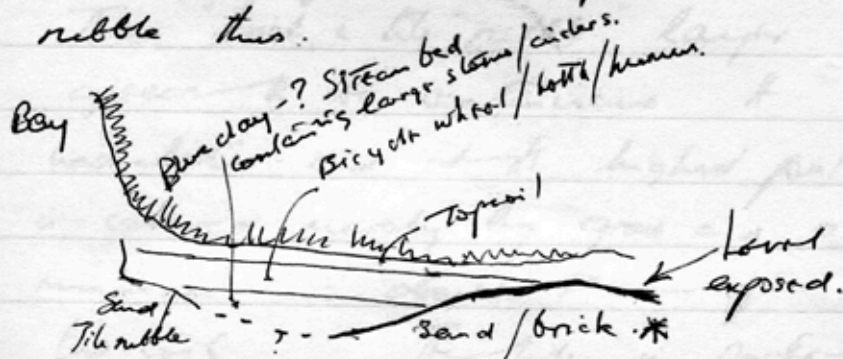
Present: (an) Don C., Cray B., Alex K.,
James Luck (Jr.) A.B.C.

Work done: Cray B. dug X-section
through top of mound in Sq. 1

excavating:



In 2F Don C. + Alex continued to
reduce the level to that of sand &
rubble thus:

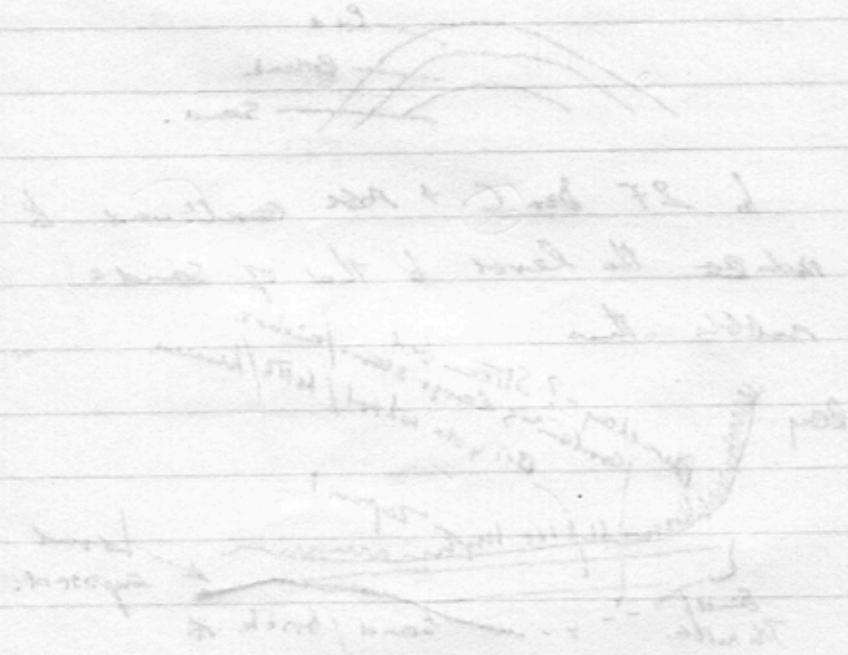


Present pers.: Don C., James Luck.
Master Hall. A.B.C.

/P.T.O.

look here: Two boys on mound
continuing "levelling".

Don C. + A.B.C. in 2E/2F
bringing down to Brick-rubble level*



Sunday 26 July.

Weather : Cyclonic.

Present a.m. : Don C., Debbie Sims
+ friend, James Luck., A.B.C. i/c

Present pm. : Don C., James Luck.,
A.B.C., rained off at 4.00 p.m.

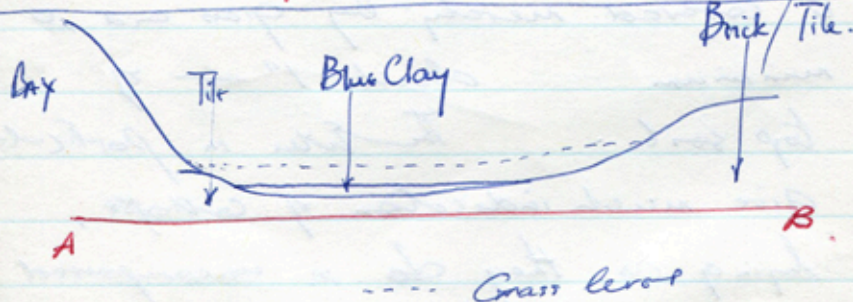
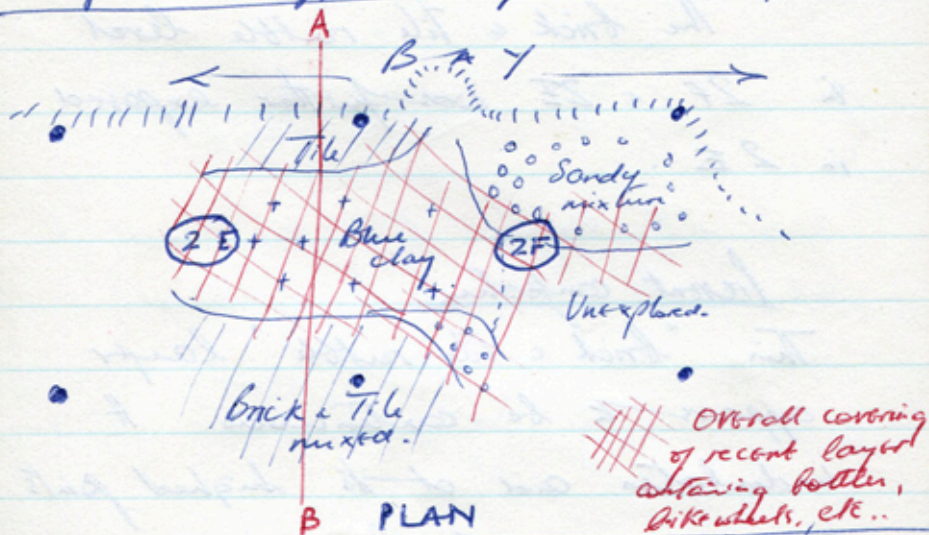
The brick & tile rubble level
in 2F & 2E was further exposed
in 2E.

Present conjecture.

This "brick & tile rubble" layer
appears to be continuous. It
undulates and at its highest points
is covered merely by grass and a
minimum — about 1" — of
top-soil. The tiles in particular
give much indication of collapse,
lying as they do in uncompressed
stacks. The bricks are generally

Shattered.

Where the rubble level lies deeper, it is covered by some variety of strata, though at any one place by no more than 2 of these + top-soil. The distribution of these upper layers is as follows:



CROSS-SECTION

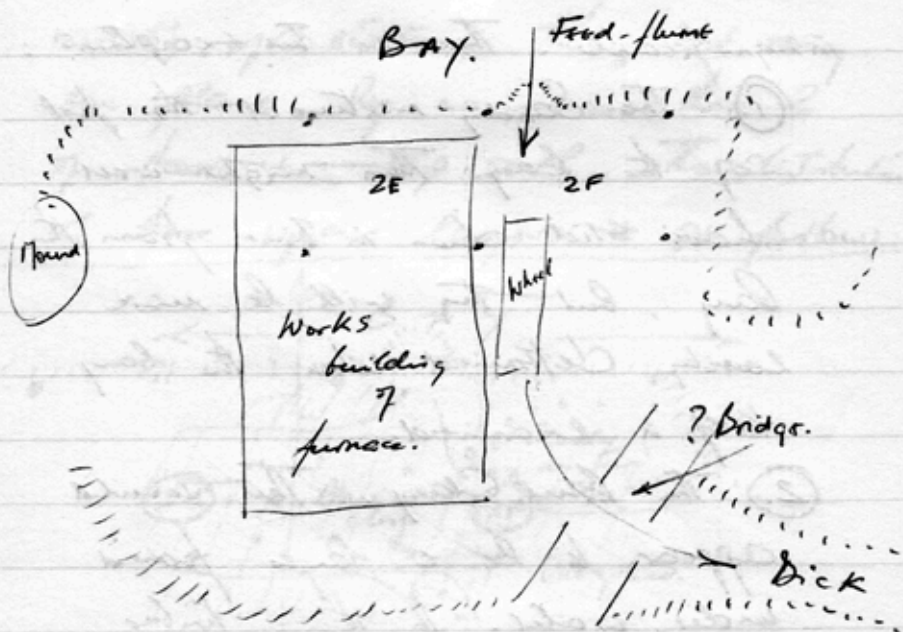
/cont d.

(2) 26-7-70.

The strata covering the "Crick^{tile}" layer
are on the whole, I believe,
insignificant. There are two exceptions:

- (1) The Sandy mixture at the foot
of the Bay. This might well
have slid down in time from the
Bay, but this will be more
easily determined when the bay
itself is examined.
- (2) The Blue Clay. This would
appear to be a layer formed
under water. In it, timber
fragments have been found where
it adjoins the Crick-Tile level, and
there are probably timber logs from
the roof which have been preserved
in water. Was the site flooded?
Or is this clay indicative of the
original whereabouts of the stove
or Dick? Probably to former.

The general picture of the
moment (a very primitive one)
seems to be this:



Sunday 2nd August.

Weather: Fine hot.

Present: Carry B. i/c.

Tuesday 4th August.

Weather: Fine, hot.

Present: O.M. A.B.C.

p.m. Carry B, Thurstuck
& A.B.C.

Work done: a.m. A.B.C. completed
surface clearance of 2E & brick
rubble level, then began working
down the Square 3 end of 2F
where further evidence of building
was revealed.

p.m.: Messrs. Barch & Luck
removed top layer in 2H, exposing
brick & rubble layers. A.B.C.

Continued to uncover brick rubble in
2F, much of which was covered in
the "blue clay" silt deposit.

A finds: { 1. Cupped iron fragment.
2F { 2. Clay pipe stem.

2H { 3. "A file" shaped iron fragment
4. Clay pipe stem.

Wednesday 5th Aug.

Weather: a.m. Fine

p.m. hot — rained off.

Present (a.m.) Messrs Luck & A.B.C.

Work Done: James Luck scraping
down to brick level in 2H.;

A.B.C. following same level in
3D side of 2F. The level here dips
sharply into a layer of blue-clay
silt deposit as the bay is approached.
The afternoon was to have been devoted
to extending the excavation to the margin

2C



3D

of 2C, but
rain stopped
play.

At 12.00 noon, Alan K. discussed with
A.B.C. the principle of recording. The
following points were agreed:

I. That the method of Tabulation

employed by A.B.C. on yesterday's *
"finds" was O.K. except for
ambiguity over "Depth". Alex
suggested that, in addition to
"Depth below surface" as recorded
by A.B.C., "Depth below datum"
should be obtained by extending
a horizontal from the nearest
peg and measuring Depth from
the horizontal. Thus Alex K's
+ A.B.C.'s methods would give
a double significance to Depth.

2. Layers. Alex K. advocated
relating all found layers to their
Geological "home layers". A.B.C.
Disagreed and said that Historical
layers were what mattered and
that the geological layers, while
useful as a reference over the entire
site were otherwise of small significance.
A.B.C. believes his point to have been carried.
(* See back page.)

Thurs. 6th August.

Rained off.

Fri. 7th August.

Weather: Fine, hot.

Present all day: Don C., Eusan
James, A.B.C.

Work done:

Eusan J. Scraped with trowel
most of remaining top soil in 2 H.

A.B.C. extended his trench in 2F,
bordering 3b, to the 2F/2C
bed at the bay. He followed
the brick rubble layer dipping sharply
towards the bay beneath an increasing
thickness of clay silt, ^{+ debris} deposit.

* { He found several pieces of curved
tile among the brick & tile fragments.

The overall appearance here is of
subsidence into a watery pit.

Don C. extended the line of
A.B.C.'s trench into 2 I, following

* See "hip tiles" — Sunday, Aug. 9th

the 2 I / 3 G edge. Again,
the Brick / Tile level was exposed.

By this stage, therefore,
the brick & tile level had been
exposed as extensive, though undulating,
throughout the whole of 2E, 2F, 2H, 2I.

It was now considered when
to pierce the layer and Don C's
latest work in 2 I was selected
because: (1) It pierced the main
mass of brick & tile.

(2) It followed a main
back

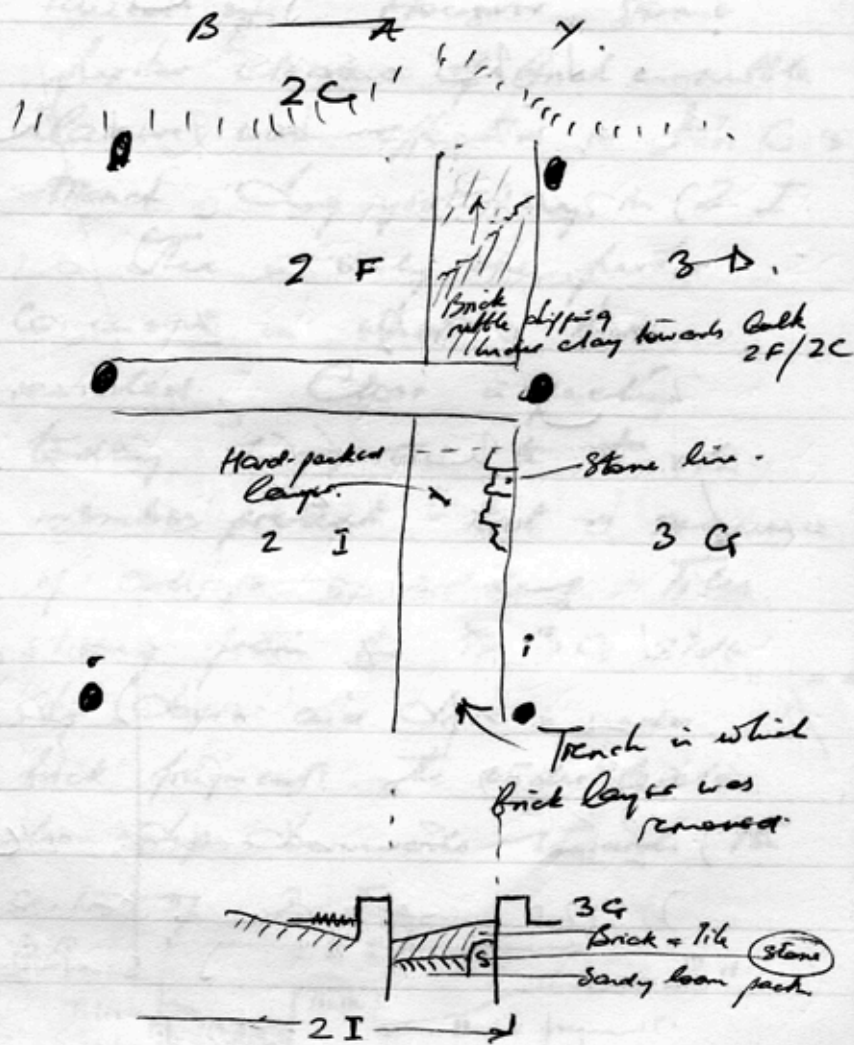
(3) It might well expose
not only a building wall, but
also one wall of the wheel pit.

Thus the first penetration of brick
& tile was made by Don C. & A.S.C.
and the tile shod off easily,
disclosing a resistant, hard packed,

2

sandy- loam layers (?) underneath

A line of stones was also exposed following the 2 I / 3 G Calk. It appears to be the footing of a wall.



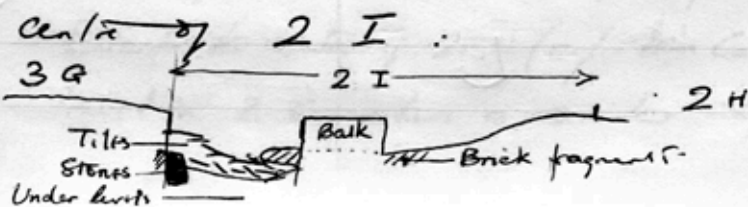
Sat. 8th August.

Weather: Warm. Thundery showers.

Present: A.B.C.

Work done: Very little, owing to inclement conditions. Eventually raised off. However, some further clearance of brick & rubble layers was effected in Don C's trench, Aug yesterday in 2 I.

There is only one further comment on what is there revealed. Close inspection today suggested to the one member present that a sequence of collapse is evident. Tiles sliding from the ~~W~~ 3 G side slip down and drive in under brick fragments. The under levels also slip downwards towards the



Sunday, 9th August.

Weather: Bright, warm.

Present a.m.: Don C., Bill S., Susan J.
& A.B.C.

p.m.: Don C. & A.B.C.

Work Done:

Bill S. Centuring; Don C. & Susan J. scraping topsoil from bricks in 2E/2F/2I.

A.B.C. began removing brick level in his trench in 2F. The following points were noticed:

(1) A definite sequence in the rubble itself: Large brick fragments on top; tiles & rubble underneath. Inference: roof came in, then walls.

(2) The tiles. These lie in "ordered" heaps as if the roof came down suddenly and at once. They dip towards the centre of 2F (c.f. Don C.'s trench in 2I where a similar dip

has been noted.) This angle of
ly suggests a slide into this present
position from 3D. (n.b. the mound
in 3D coming from bay). Careful
research into the position of peg-holes
was attempted in order to provide
further indication, but this as yet
is unsuccessful.

(3) Bill S. identified a 'hip tile',
meaning that there was a corner of
the building there.

(4) Ben C's stones do not
apparently continue beyond the
2F/2I balk from his trench in 2I.

(5) Overall picture is still one of
subsidence into a pit emanating
from the hollow in the bay in 2C
— ? Wheel pit.

In p.m., Ben C. & A.B.C. plotted
contour of brick rubble layer in the two
trenches. (See back of book)

Monday, August 10th.

Weather: Cyclonic in a.m.: wet.

Overcast, warm in p.m.

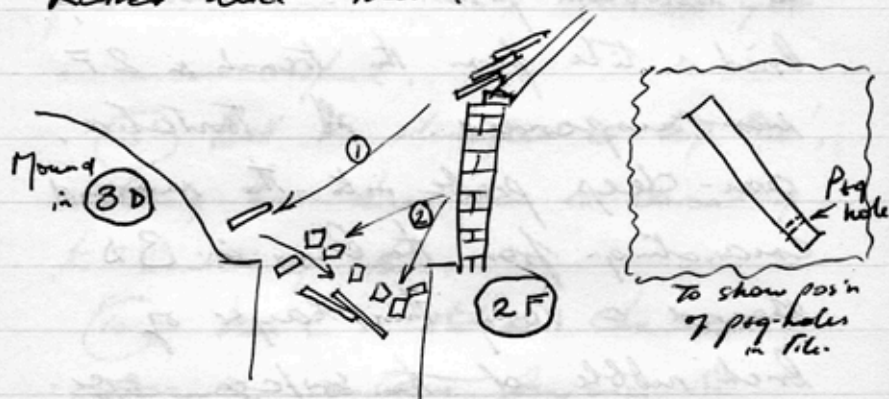
Present: A.B.C.

Work done:

Mostly thinking and trying to establish priorities. Removal of brick & tile from the trench in 2F was suspended. A tentative, one-deep probe into the mound emanating from the bay in 3D showed a very thin layer of brick rubble at the surface, overlying a sandy deposit, thought at first sight to be natural. Further examination showed the deposit to contain a variety of debris: cinder, charcoal etc. and this suggests the mound is man-made but not a building.

Further reflection on the slip of

the tile level in the two trenches
 is 2I and 2F (mentioned in
 earlier entries) suggests again that
 they have tipped down into a pit,
 but it had belonged to the building
 so far exposed in 2E, 2F, 2H, 2I.
 Rather like this:

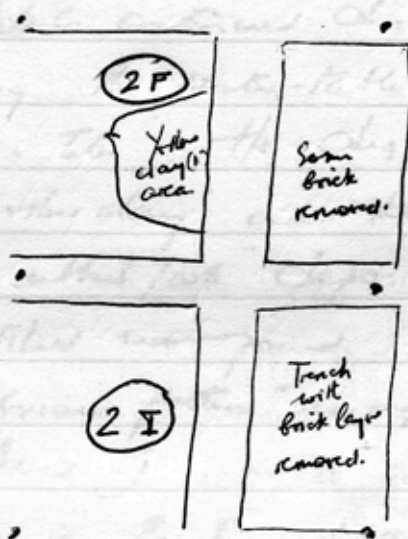


Therefore priority ① seems to be
 to ascertain if there is a pit and
 if it was in fact the wheel-pit
 receiving an over-shoot of water
 from the supposed frame-gap in 2C.
 A.B.C. began, in the p.m., to
 dig down through the yellow clay
 area in 2F, eventually picking

2

more brick rubble underneath the
yellow / blue clay deposit.
The "yellow clay" * seems to be
more rubble & rubbish mixed in
watery conditions.

(2C) DAY



* Later referred to as "Yellow Clay (i)".

TUES. 11th Aug.

Weather: Fine, hot.

Present: David J. & A.B.C.

Visits in a.m. from: David Crossley,
Don C. and Bob Miller, a prospective
member.

Work Done:

A.B.C. continued digging in 2F,
reaching the water-table just below
brick & tiles. He dug through
the "yellow clay" and through "blue clay"
and rubbish/ash deposits in which
a potsherd was found. As yet,
no obvious pattern emerges.

David J., in a comparable
position in 2I, began working
through a layer of pulverised
brick.

Both are looking for traces of
the wheel and its lead. As yet
the dig of the rubble and its boundary

for clayey deposits to be found in
the city or the only sure guide.

Wed. 12 Aug. : Nobody present. ∴ nothing done.

Thurs. 13 Aug. :

Weather : Fine, warm.

Present : a.m. A.B.C.

Work :

Continued search for wheel-pit in 2F. Beneath the brick-rubble layer near the 2F/2C boundary, a substantial deposit of "ash-rubbish" was found containing slag, charcoal, bricks, tiles, congealed clay nodules, ash etc.

Amongst this was found two bits of clay pipe and another piece of pot, all recorded (8, 9, 10 finds).

The ash-rubbish layer in turn sat on ^{another} the yellow clay ^{layer}, containing a thinner amount of debris, but some sizeable charcoal and brick/tile/slag.

p.m. Bot Miller & A.B.C. present.

A.B.C.'s pit was widened towards 2C and the brick & tile level continued to dip down towards the supposed wheel pit.

A.B.C. followed the yellow clay layer until it met the descending brick-tile level:

(A rough approximation to the 2F/2C balk, which is not yet exposed):



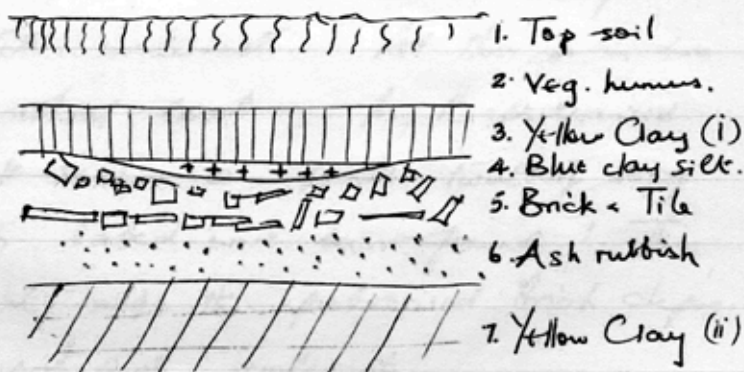
At point X, the yellow-clay stopped, water was found and tile and brick piled downwards, loosely packed in the water-logged grey silt so that they could be lifted out by hand from the water. The line of yellow clay runs at right angles to the bay and it seems that the

(2)

"water pit" mentioned in earlier entries has been found and, as anticipated it is a graveyard for masses of broken bricks & tiles.

Messrs. Miller & A.B.C. judge this to be the beginning of the long sought wheel pit, the wheel probably occupying a position under the balk running through 2F and on into 2I. A section of this balk was removed to the brick level in the 2F trench, ready for further investigation.

Summary of layers so far exposed in 2F:



P.T.O.

Depth of supposed ^{Eastern} edge of pit
below Saturn: 3' 1/2"

Depth below surface: 2' 9".

7' 5" from 2F/3D.

Pit's width, exposed by 14 Aug.:

Fri. 14th Aug.

Weather: Fine.

Present: a.m. Susan James, A.B.C.

p.m. Bob Miller, Don C.,
Malcolm Clegg, Mauria Guerin,
A.B.C.

Work:

Bob Miller & A.B.C. explored full width of 'wheel-pit' and worked on its immediate environs. All "fitted in" as predicted. Measurements, other than those above, will follow.

Others worked on area beside bank in 2I, clearing pulverised brick / burnt tuff to reveal large bricks & tiles underneath. All this is in line of wheel-leat. In the pulverised brick section a small twist of very rusty barbed-wire was found! This might make the pulverised brick deposit v. recent and, irrelevant.

Sat 15. Aug.

Weather: Bright.

Present: a.m. Don. C.

p.m. Maurice G. & A.B.C.

Don C. & Maurice i.p.m.

Continued clearing pulverised brick.

Underneath this stuff, there is

a zone of large brick fragments,
loosely fallen, often with large
air spaces and/or silt (blue
clay) in between; clearly a
similar deposit to that found

in and around the part of
the wheel pit so far exposed

under the bay. A very large

? cinder was being exposed ^{among the large} bricks

when work stopped for the day.

A.B.C. continued extending

the amount of "wheel-pit" so far
exposed. The bricks & tiles in

the pit are so loosely dumped

that they can be removed, +
sludge, by hand. The width
of the pit is now established at
3' : narrow for the hauling
of a wheel. ~~As yet~~ no
positive indication of masonry walls
has been found but one large
timber has been found stuck
downwards at an angle, and
possible incrustation by timber
has also been noticed at the
sides. So it may have been
a timber-shored pit for a
narrow wheel. It is still thought
to be a wheel pit for it is
directly in line with the breach in
the bay. One piece of iron
pot (find No. 11) came out of
the pit this pm.

Sun. 16 Aug.

Weather: Bright, windy.

Person: Don C.

Work: Clearing some of the
spit heaps with tractor. Attempting
in vain to make water pump work

Thurs. Aug. 20th.

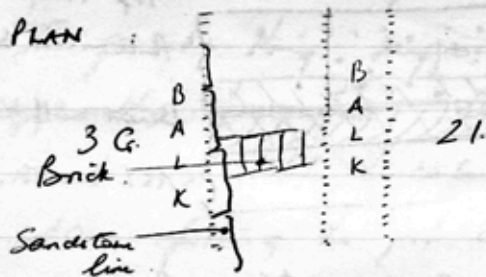
Weather: Variable after early rain.

Present: Don C., Maurice C., A.B.C.

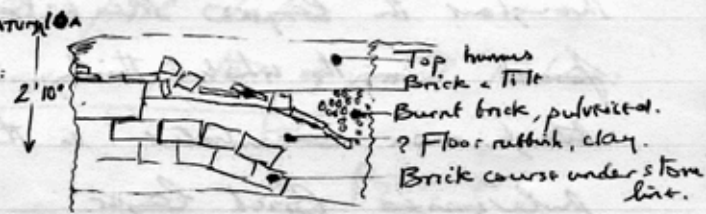
work done:

- (1) Don C. continued in "his" trench in 2 I., exploring the limit of sandstone — ? wall footing — discovered earlier. It can now be seen that the sandstone sits, at one point on a brick course running at rt. Ls to it and dipping towards the center of 2 I.:

PLAN:



SECTION:

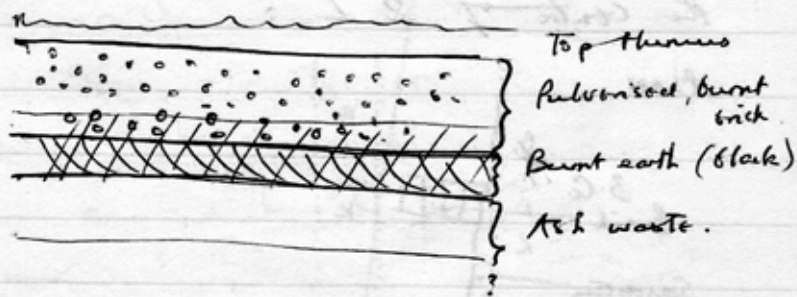


So far, no likely expansion has been found.

(2) Maurice Co. continued exposing his "stone", which appears to be a very large cinder or a "bear." He has dug down to a depth of about 4'6" below the surface at 10 A. P. The cross-section exposed here:



looks like:

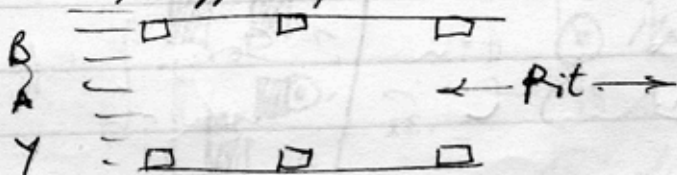


Throughout the layers tiles & bricks are found, on the whole thinly scattered, though more concentrated in the lower pulverised brick layer.

2.

(3) A.B.C. exposed more of the supposed wheel-pit extending bay-wards. Timber in row is evidence, probably oak and, allowing for the effects of collapse, the prevailing trend seems to be vertical. Moreover, they are spaced at fairly regular intervals along the edges of the pit, seemingly in pairs — one opposite its partner on the other side of the pit. Therefore, with the absence of dressed masonry they probably formed the shoring to the pit. The planks they supported here apparently decayed, and there is much suitable discoloration in the clay filling the pit and containing the brick/tile debris.

The apparent pattern of vertical timbers:



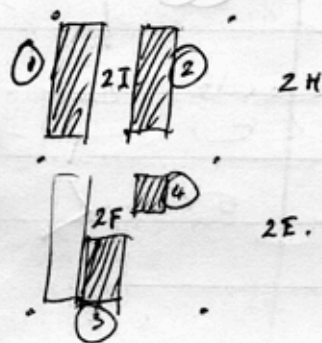
Sunday, Aug. 23

Weather: Bright.

Present: Don C., Mauria G.,
A.B.C. (James Luck in p.m.)

Don C. continued deepening
his wall. Mauria G. discovered
a large ^{timber} beam underneath his
"stone" — the timber crosses his
trench at Rt. Ls. & appears to
go towards Don C.'s lining
bricks in the neighbouring trench.

A.B.C. began a new hole,
pursuing the wheel lead further
into 2F. This hole is situated
between his first one & Mauria G.'s
"stone hole". In it are blocks of



Areas being dug:

(1) Don C.'s.

(2) Mauria G.'s

(3) A.B.C.'s wheel pit

(4) A.B.C.'s hole II.

Substance: evidently a collapsed furnace with

Sunday Oct. 18th.

Weather: Fine.

Present (p.m.): Bethany party +
A.B.C.

Work: Clearing up, trimming
edges. Clay pipe stem (13)
found lying on black ash
deposit beneath brick rubble layer
near "Mauro's store".



Sunday June 20th 1971

Weather: Changeable, fresh.

Present: Philip Bayliss, M. Dunstall,
A.B.C.

Work: Clearing turf and top soil
from 3D. It was decided
to begin in this, higher square, the
squares worked last year being
now flooded. Pumping is futile
until continuity and/or fine, long
weeds can be removed.

In 3D there is a brick-tile
level close to the surface. Beneath
it (and its thickness is only about
2-4") there is a clayey layer
at which digging ceased for today.

Sunday, July 4th

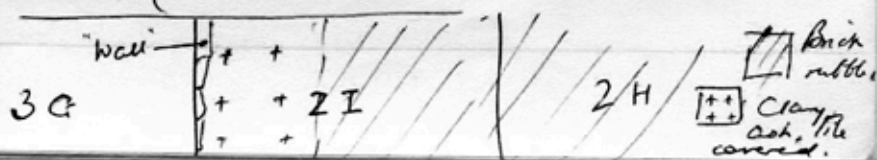
Weather: Fine, hot.

Present: Mrs. March, James Luck,
M. Burstell, Carry Bland, A.B.C.

Work Done:

Surplus balks removed in 2 I.
"Wall side" (2 I/3 G) scraped
& cleaned.

Square 2 I seems divided
into 2 main parts: (1) A brick rubble
area, E. of wheel race, running 1/5
Square 2 H; (2) An ash/yellow clay
region from wall footings and extending
from 2 I/3 G boundary (1/5 wall)
2' 9" into 2 I. This line also
marks the limit of slipped tiles
which appear to have slid from 3 D-3 G
into the wheel race in 2 F & 2 I. and
plunging under the brick rubble layer
in 2 I (and 2 H).



P.S.

From close to the "well" stones, a whole brick was removed, vitrified at one end. Could the sandstone "well" be part of the furnace structure?

Jean

53.00

6

S C C

3

Sunday, July 18th.

Weather: Good.

Present: C. Blanch, Mrs. Bland,
Phily Bayles, J. Russ Luck, 2 boys,
Nea Durston, A.B.C.

Work done:

Clearance continued in 2 I.

Brick rubble removed; wheel pit
located, showing some signs as in 2 F.
(q.v. above) Black ash deposit under
brick rubble sloping down to
wheel pit — ? hearth.

"Maurice's stone" — the bear? —
was defined further. The brickwork
'supporting' its base of sandstone wall
footings was scraped & defined.
Close to it was found a
rusty piece of iron of phallic shape.

Sunday, July 25th

Weather: Clear, cloudy.

Present: Philby Bayless, Nea Dunston,
Mag Dunston, 2 boys (Adrian
& Simon) A.B.C. & , later, Casey
Black.

Work Done:

Continued to remove brick rubble
layers from 2 I & back no longer
needed from 2 F.

Removal of brick rubble in 2 I
Exposed bank of block ash sloping
to wheel pit edge and varying
in its consistency. Central area
of max. consistency included much
chopped apart from ash.

Grate piece of iron found by
"wall piling" in 2 I.

Sunday, Aug. 1st

Weather. Fine, hot.

Present: P. Baylis, James Luck,
Miss Burden, M. Dunstall, A.B.C.

Work Done:

Owing to flooding following recent rain, working squares 2F, 2I was restricted to removing non-unwanted top layers in 2F (P. Baylis) and trowelling the black ash layer, uncovered last week in 2I (J. Luck, M. Dunstall, Miss Burden). This ash layer was found to be lying on yellow clay. Meanwhile, P. Baylis's salvage work in 2F was taken down to a similar layer — the puddled yellow clay (iii) forming the edge of the wheel stream.

A.B.C. 'needed' 2H and began to remove brick rubble layers exposed last year. In this layer

were seen large conglomerations
of cinder / vitreous matter bonded
onto and among particles
brick rubble. This suggests that
there was ~~already~~ rubble there when
molten slag etc. was being produced.
This suggests — ?

- (a) Works rebuilt on wreckage of
earlier site ?
- (b) Destruction by fire ?
- (c) Rubble there for perfectly ordinary
reason unknown ?

Sunday Aug. 8th.

Weather: Fine, warm.

Present: P. Baylis, James Luck,
Simon? (jr.), Mr. Blanch, Max
Dunstall, Nea Davidson, 2 Ladies,
C. Blanch, A.B.C.

Work Done:

Pumping. Also, continued
removal of brick rubble in 2H
revealed ^{most of the} circular block oak deposit,
decayed portion in 2EI.

In places the curve of oak was
edged by red clay. All this
was scraped.

In 2E, removal of brick
& tile layer was begun. Signs of
another "pit" were noticed.

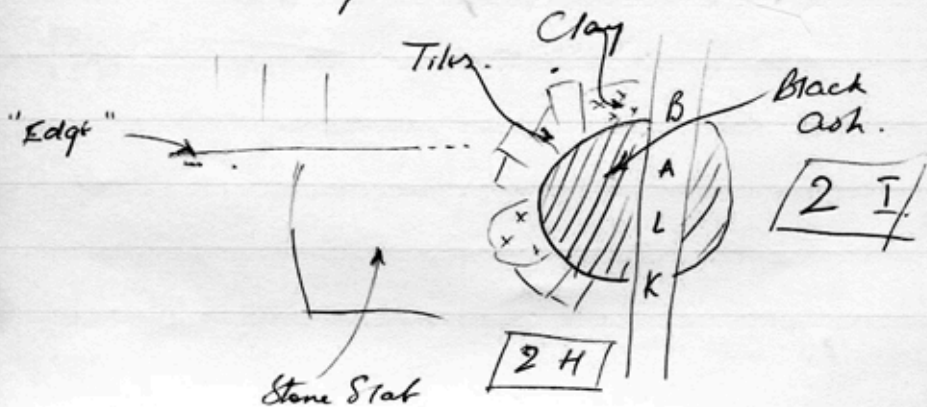
Sunday, 15 August.

Present: P. Bayliss, M. Dunstall,
Mrs. Blanch, Garry Blanch,
Mr. & Mrs. Storkie.

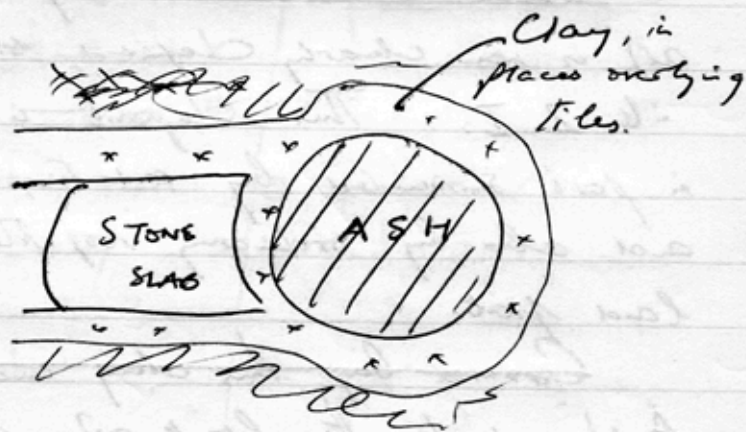
Work Done:

Further unearthing in 2H,
in which a circular deposit of
ash is now clearly defined, extending
to 2 I. This deposit is
in part surrounded by red-tinged clay
and also by ordinary roof tiles,
laid flat.

~~Covered by this clay and~~ * P.T.O.
Adjacent to the black ash, a
? stone slab and an "edgt"
have been found.



* Following a subsequent phone conversation with Phyllis Bayless, it seems that the reddish clay was lapidarily shaped around the black ash and down the "edges" of the stone slab.
Thus.



Is this the base of a bloomery?
All overlaid by brick & tile rubble

Sunday 22nd Aug.

Present: Mr. Blanch, Mr. & Mrs. Storkie,

?

Work Done: Clearance in 2H.

Max pattern emerging — a
collapsed, round shape — near
to circular and O-shaped.

Pipe bowl found.

Sunday 29th Aug.

Weather: Rocky.

Present: Mrs. Black. James Luck,
Simon? (jr.) M. Duntall, A.B.C.

Work Done (1) Removal of last
traces of brick rubble layer in 2H.

(2) Removal of brick rubble in 2E.

In one place the brick rubble layer
was removed, then some of the
ashy-waste layer immediately under
the tiles of the brick rubble layer.

In the ashly waste layer, glass
fragments were found. Large slabs
of roasted stone began to emerge
beneath the ashly layer.

Sunday. Sept. 5th

Weather: Fine

Present: Philip B., Mrs & Mr. Stank

Cross luck.

Work done: Further clearance
of instruction layers in 2H - 2E

Sunday Sept. 12th

Weather: Fine

Present: Mrs B., Philip B.

Work done: Clearance in 2E.

Stone outcrops found.

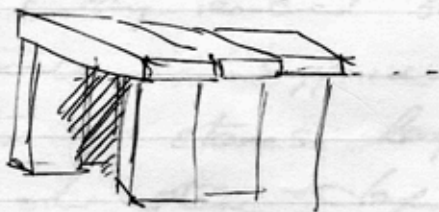
Sunday 19th Sept.

Weather: Fine

Present: C. Blanch, Mrs. Blanch, A.B.C.

Work: Photographed 2H (qv. back pages). Ad work

continued in this square. Under the clay in the 2C, 2E corner, a brick channel construction was found — ? Drain or water-course:



Regions of ^{red-}clay layers in area of heart/black-ash deposit seems hard baked, suggesting great heat. This would seem to be part of the work-floor therefore. The above-mentioned "stone slab" (qv. Aug. 15 '71) seems probably hard-baked clay, as is

The "edge" which, at most 6" in height, seems to be the baked face of this clay layer. A sharp stone reasonable to require great heat emanating from the black-ash circle; the clay being the work floor, and the furnace walls having collapsed.

2 iron objects were found lying on the "train" just by the 2G edge.

Sunday 26th Sept.

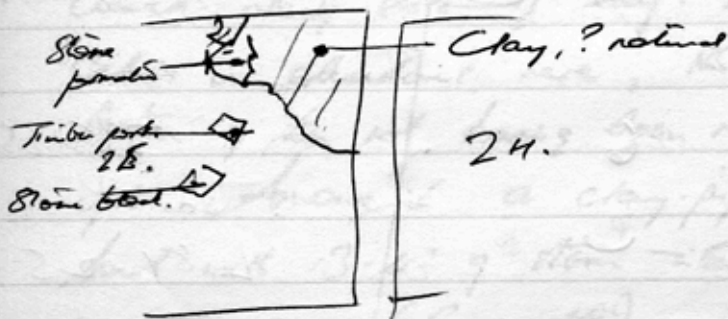
Weather: fine.

Present: P. Baylis, C. Blanch, Mrs. &
Mr. Blanch, Mr. Störkie, Chris
Luck. A.B.C.

Work done:

2H: Removal of layer
covering "stair" translucent square,
revealing baked clay "floor".

2E: Working in side next
2H. Clay removed but containing
charwoods: supposed natural.
Formation of stones, large timber
post & other stone deposited:



Found glass beads, one piece of pottery
in region of timber and stone formation.

(K.M. reports / Mrs. Landon visited)

Sunday, Oct. 10th.

Weather: Fine.

Present: G. Bland, Mrs. Bland,

Mr. Starkie, James Luck, P. Bayless.

A.B.C. + 3 Bethany Boys (Johnson,
W. Chappell, A. Hoggan).

Work Done: 2H. Packed
clay "working floors" tidied. One
"floor" fractured (deliberately) to
reel another 2" underneath.

"Drain" formed through 2H/2E
balk — where it "stopped".

Levels measured (see back of book).

2E. Brick & tile debris
cleared along base of bay. This
debris is abundant here, the
bottom of it not having been reached
yet. Among it a clay-pipe
bowl with 3-4" of stem intact
was found. (find 16).

Sunday Oct. 24th.

Wheel pit further pumped &
cleared of debris.

Sunday Oct. 27th.

Present: C. Black, P. Baylis,
Mr. & Mrs. Newton, (Juno truck,
about 3 sets & A.B.C. for
 $\frac{1}{2}$ hour.

Leads: this.

Work done: Tractor removing
trees in 30 & Squares adjoining
2 I, creating building rubble
underneath.

Attempts to remove "bear"
from 2 I so far unsuccessful.

Sunday Nov. 14th

Last for this season. Fencing
erected.

1972. To July 30th.

Further exploration into 3D
has shown a blank and it seems
to be a mound formed by
leaves ^{removed} during initial forming
of wheelpit.

3 G seems ~~more~~
promising, though as yet
nothing positive has been found.

Meanwhile "cleaning-up" of
the 2E, 2F, 2H, 2I, 6bet
has been undertaken and the
removal of balks. As yet
nothing new has been found.

... To Sept. 3rd

Definition of 2E, 2F, 3H, 3I
has continued. Summary
of this work:

2E. This square contains much
stone-work, thought to be base
of actual furnace, robbed in more
recent times. Stonework ceases in ...

2F. The wheelpit. Further clearance
to be done.

3H. Hard clay floors ^{at} different
levels. Supposed working area.
Ash-tip.

3I Wheelpit again, continuing in
straight line from 2F. It is now
thought that the "wall footings"
along the 3D edge were not a wall
at all, but a buttress to withhold
possible soil-creeper from 3D mound
into the wheel-pit.

3D Excavation here has revealed nothing more than a layer of collapsed tiles which probably fell from 2 I and the excavation in 3D is now being filled in with debris from the wheelpit.

FINDS

1. Iron block with semi-circles cut in on two opposing faces



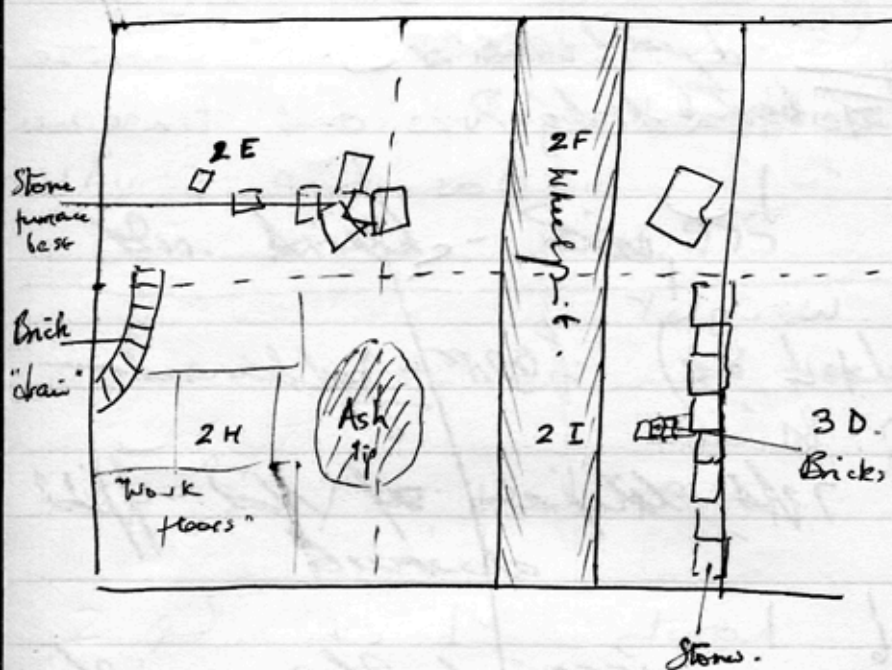
Found in wheelpit in 2 I.
About brick-size.

2. Iron "ratchet", about 8" long.



Found in wheelpit beneath
2 F / 2 I balk.
(Broken into 3 pieces).

Approx. plan of deposition 6 Sept. 30.



FINDS. I

① 4. Aug. IRON FRAGMENT, CURVED

Square: 2F

Depth: 10"

1' 10" from 2F/2I

2' from 2F/3D.

Notes. Found in "top" layer in which
were also lumps of slag and brick.

② 4. Aug. CLAY PIPE STEM

Square: 2F.

Depth: 1' 2 1/2"

2' 9" from 2F/2I

3' 5" from 2F/3D.

Notes. Settled in among brick rubble,
though probably belongs to lower "top"
layer.

③ 4 Aug. IRON FRAGMENT. (Δ -section.)

Square. 2H.

Depth. 7"

5' 8" from 2H/2I

7' from 2H/2E

(4)

4 Aug. CLAY PIPE STERN

Square 2 H.

Depth: 6"

5' 6" from 2H/2E.

4' from 2H/2I.

Notes: Found amid top of brick
& tile rubble (as was (3) above)

(5)

11th Aug. POT SHERDS.

Square 2F

Depth below surface: 1' 9"

" " datum^{10A}: 2'

10' from 2F/3D

8' from 2F/2I

Notes: Found in rubbish/ash layer
below large brick fragments.

Turn 2 shafts towards front of
book for more finds.

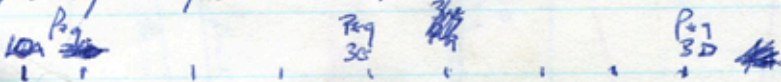
9. 8. 70

RECORDING OF BRICK RUBBLE LAYER DEPTH.

In Back trenches of 2F & 2I.

Depths taken from peg ^{10A} A. in mm.

(1) Along 2F/3D. 2I/3G



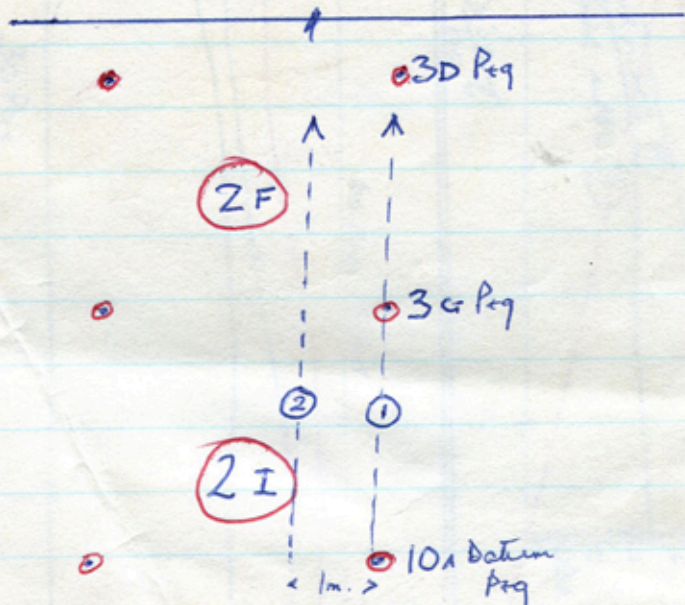
Soil surface: 1.30 1.30 2.00 1.70 3.00 5.70 7.70

10A Datum level: 2.50 2.80 4.15 5.30 6.30 7.50 8.40

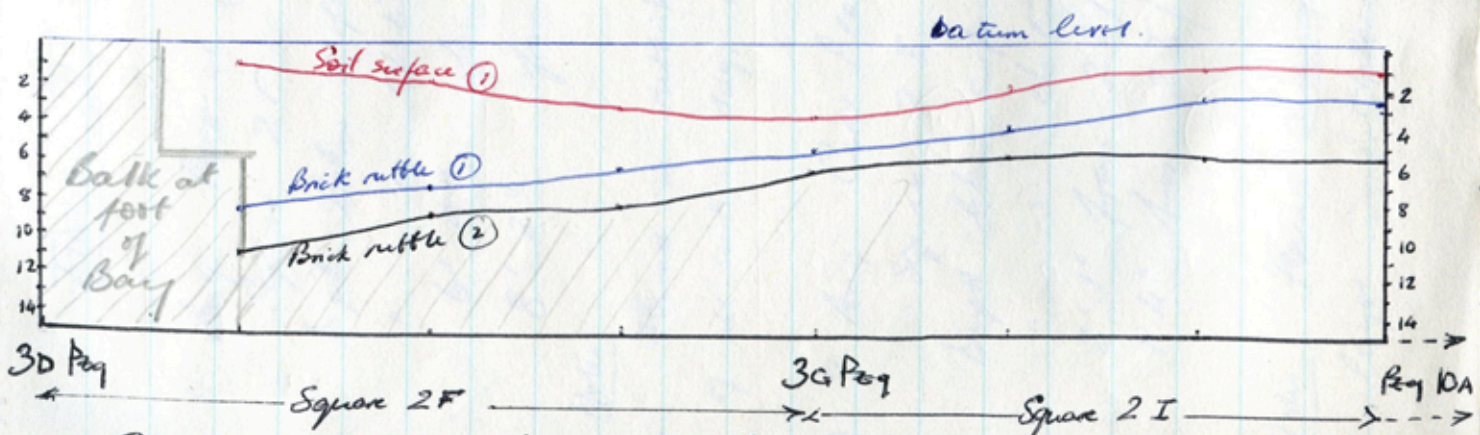
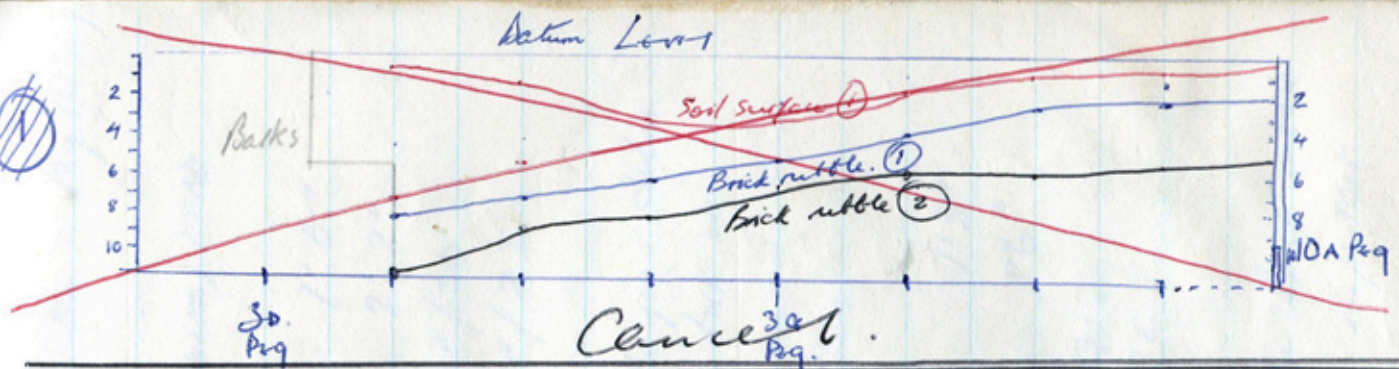
(2) Along line parallel with above, but

1 m into 2I and 2F from Peg 10A

10A Datum level: 5.30 6.00 5.90 6.50 8.30 8.90 11.00



To illustrate lines along which readings were taken. Rough cross-section I.T.O. to next sheet



Cross sections of brick rubble layer taken along two lines, one metre apart, in Squares 2F & 2I. 9.8.70

FINDS II (Datum in Peg 10 A)

⑥ 11 Aug. PIECE OF (NAILED) LEAD.

Square 2F.

Depth below surface: 1' 6"

" " Datum: 2' 2"

6' 10" from 2F/3D

8' 2" from 2F/2I

Notes

Found in rubbish layer: debris
of all sorts: slag, tile, brick, etc.

⑦ 8 Aug. CLAY PIPE STEM.

Square 2I.

Depth below surface: 1' 3"

" " Datum: 1' 6"

2' 1" from 2I/3G.

1' 4" from 2I/9C

Notes. Found among the brick rubble
layer ∴, if dateable, important.

⑧ 13 Aug. CLAY PIPE STEM.

Square 2F.

Depth below surface: 2' 6"

" " Datum: 3' 2"

from 2F/3D 7' 7"

from 2F/21 7' 6"

Notes. Found in ash/rubble layer
below brick-rubble layer.

⑨ 13 Aug. CLAY PIPE STEM (inc. 'peg' and
base of bowl.)

Square 2F

Depth below surface 2'

" " Datum: 2' 8"

8' 8" from 2F/3D

7' 4" from 2F/21.

Notes Found, like ⑧, in rubble/ash
deposit, but just below brick & tile layer.

(10) 13 Aug. POT SHERD — ? Handle
Square 2F.

Depth below surface, 2' 3"

" " Datum: 2' 11"

from 2F/30 9' 2"

from 2F/21 7' 4"

Note rubbish-ash level.

(11) 15. Aug. PART OF IRON POT (inc. handle)
Square 2F.

Depth below surface 4' 3"

" " Datum 4' 10"

5' 10" from 2F/30

10' 5" from 2F/21.

Note. Found among building debris
in "wheel pit"

(12.) 20 Aug. CLAY PIPE BOWL.

Square 2F.

Depth below surface: 3' 8"

" " Datum: 4' 3"

2' 11" from 2F/2C

4' 7" from 2F/3D.

Notes: Found with timber fragment
at 3D (west i.e.) edge of "Wheel Pit."

(13.) 18. Oct. CLAY PIPE STEM & LEG.

Square 2 I.

Depth below surface 2' 4"

" " Datum 2' 9"

2' from 2I/9^C (1/2)

5' 2" from 2I/2H.

Notes: Found on black ash layer.

(14) + July-Sept. '71. IRON NAILS, ? BOLTS

Squares 2F, 2H, 2I.

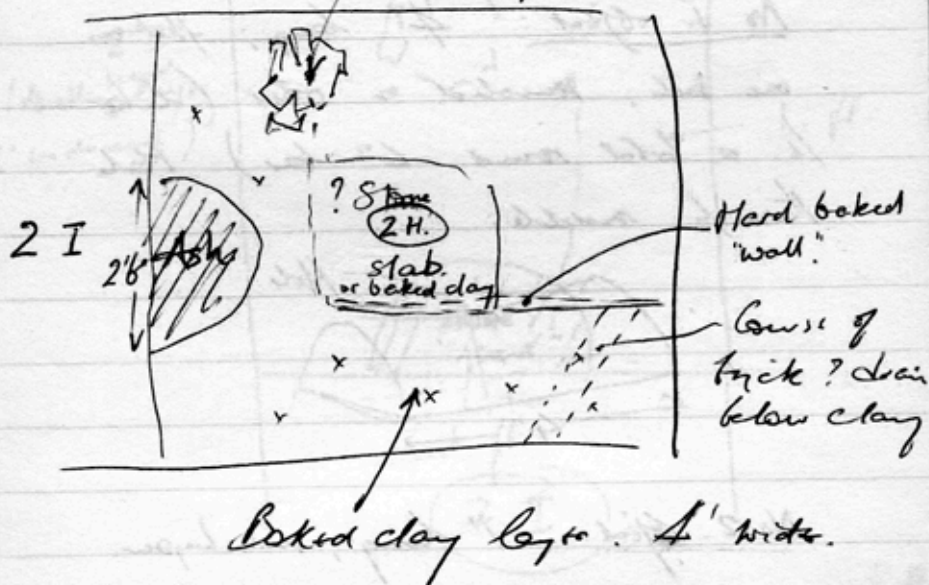
Also. FRAGMENTS OF COAL.

Square 2H.

Photo taken 19.9.71 to

show:

Circular brick formation



Find (15.) 19. 9. 71. 2. Non objects
Square 2H.

Depth below surface 18".

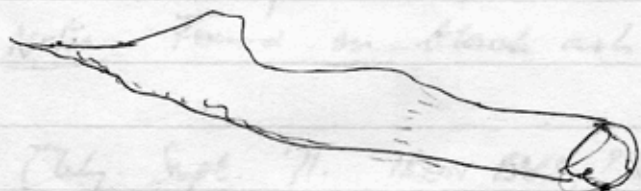
Distance from 2F balk: 3' 9".

" " 2G. " : 0".

No 1. object: 4" long; flat on
one side, rounded on other (like
 $\frac{1}{2}$ a total round, 4" dia). Hole
through middle:

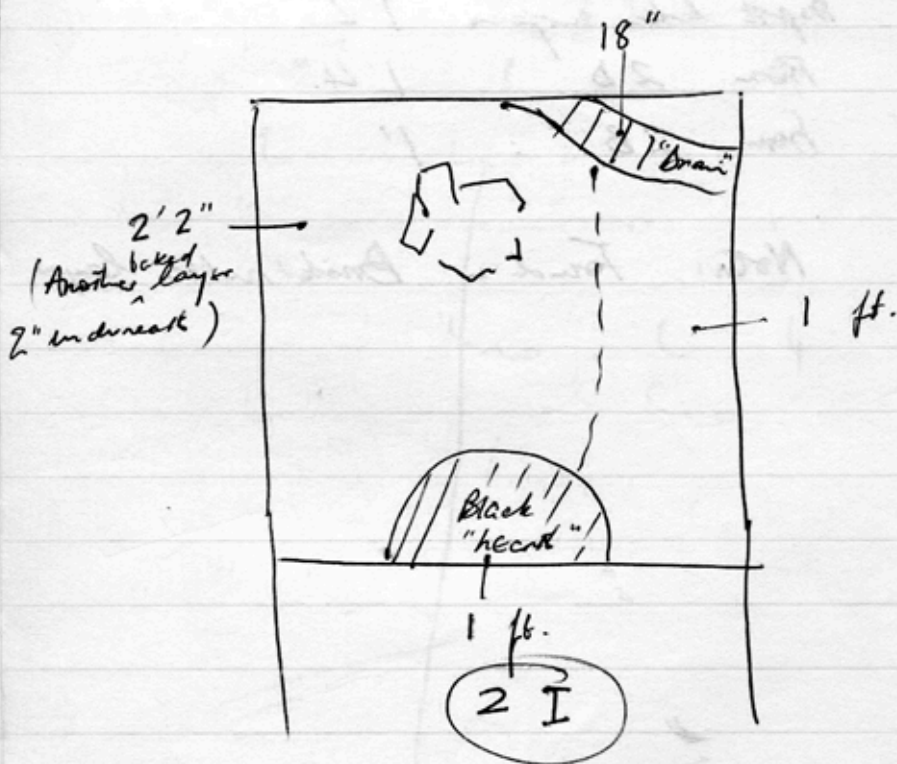


No. 2. Object: 1" long, misshapen.



Notes found on brick "drain".

Depth of Hard clay "fiber layers"
in Square 2H. (Oct. 10th)



Depth given below surface.

Oct. 10th

Find (16) Clay pipe bowl & stem.

Square 2E.

Depth below surface 1' 2"

From 2D : 1' 4"

From 2B : 1'

Note: Found in Brick-rubble layer