arrived as of yesterday, notes that the majority of the identifiable bones from the altar are of cattle and sheep goat; this can be compared and contrasted with the multiple headdresses found in connection with the interlop of both Band C, also the altar accumulation in the sanctuary.

Cap Stone arrived yesterday as well.
For the excavation of Room 13b/Y in 1977, see NB11, pp. 145 ff and pp. 154-5.

The Hilltop.

Lucia Nixon is making a return visit to the field today. During the past winter, the foreman found a large bronze needle, B185, lying on the surface of Room 13b/Y. Three winters ago in the same room, he had found a bronze chisel, B9. Room 13b/Y was excavated 4 years ago as part of Tr 11 B2. It lies to the S of Room 13a/Z. The two rooms were originally one large area, subdivided in LM III by wall 36. When we were digging in this area, we stopped at the bottom of wall 28. After the chisel was found, we returned for a little scraping but did not actually do any real excavating. The discovery of the needle made us realize that we really could not afford to leave the floor in this room unexcavated. Yesterday Harriet Blitzer Watson and I came down to have a look, and found—again on the surface—a fish hook with the bar preserved, B196, 66 cm from wall 36 and 2200 from wall 6C; plus several small bronze fragments, one of which was sitting on top of wall 6C.

Since 1977, then, a chisel, a needle (possibly used for netting), a fish hook and some bronze fragments have been found in Room 13b/Y. Today we started digging again, and within 5 minutes found another chisel! Our work here will count as Trench 39A. We begin with:

- **Paul 1** (Cont'd + Sand accumulation)
- **Under Paul 3 (K77A/Tr 11 B2)** from 19.67 - 19.62
  - to 19.62
  - Sherd(s): latest LM III A1; scarping unit
  - Other: stone, shell, bone
  - Inventoried: B196 fish hook
    - B197 bronze fragments - Ship
    - B93 cobbled
    - 618321

Trench 39A/Room 13b-Y after 1981 cleaning

Roll 3:15 - floor after cleaning 1KNE

Roll 3:16 - new lower slabs appearing 1KNE

"Surface" finds in Room 13b/Y:
- B9 chisel found in 1979
- B196 fish hook
- B197 bronze fragments
- B185 needle
This pail will include material from the excavaed surface as excavated by us 4 years ago. Quite a bit of sand and fine, loose dirt has accumulated here, so we are removing about 5 cm to avoid contamination (starting at the W end of the room). We will keep all the surface earth and sand for dry-sieving. The excavation foreman, George Beladecie, is doing the sieving.

If we continue to find bronze tools and possibly evidence for their manufacture, we might have to consider some work in 13a/2.

We have nearly finished removing the surface layer, and have uncovered several horizontal slabs. The base of a dark painted vessel and a possible stone tool are now also visible (see plan on p. 43); we have put the earth for sieving in Room 14b/5 in the S, on a sheet of plastic. So far we have seen no traces of burning, nor anything else unusual about soil colour that might suggest bronze-making.

The trench has been swept and photographed to show the room after cleaning. Just before the photograph was taken we uncovered a broken slab in the NW L, at a slightly lower level. This may be the floor level from which the bronze tools came.

We now open a new pail for the layer about the possible slab floor. The 2nd chipel (i.e., the one found today) will go into this pail, as it came from below the accumulated earth and sand. The new pail is

Pail 2
under Pail 1
from 19.62
19.50-19.54
Page 2 - sherds: fine ware is MM, LM E B + 2 bits from an LM A A cup
Other: aspidochroa, bone, fossil oyster frag, stone, ? bedrock, white material,
gummy black, burnt red, plaster

Page 2 cont - pale brown fill
sherds: see opposite
Other: see opposite

Small beach pebbles, often occur in the fills here. Usually they are not of great significance unless they are part of a pavement. But George has just found such a pebble which has been made into a bead/seal. The decorated surface is divided into 4 triangles by an X. Only 1 other seal has been found on the hilltop, so this is very exciting.

There are several seals in the NW L of the room now, but they do not continue E or S. Nonetheless there does seem to be a good earth floor which will be simple to follow. Still no ash, charcoal etc., and very little pottery.

We have cleared off the W end of Room 13b/4, an area measuring 1m 90 N-S x 1m 35 E-W. 4 years ago we had uncovered a small hump of bedrock in the SW L of the room, and we have now found more. The only find from the earth floor is part of a ? cup w. 35 cm from wall 28 to the S, and 1m 00 from Wall 6C. There seem to be below the foot of Walls 28+36.

5m 00

Today in what we, Trench 34 A (i.e. SE of the SE L of Temple C) a bronze leaf, now catalogued as B195, was found. It may have belonged to B100 - B101 wreath (?), now stored in the Heracleion Museum.
July 8, 1981

The re-investigation of Room 13b/Y continues today. We begin with a photograph, to show the partially excavated lower floor, and the partially removed upper floor. Now we are taking out the rest of the upper floor, and the (upper) slabs. The largest of these is slightly cantilevered, like some of the smaller ones.

Yesterday, along the S wall of the room, we came across a small area with flaking brown fill near some ?placed stones, and a patch of sticky black material. Today we will be in a better position to see if any of this is significant. In the SE 1/2 of the room, there is a large slab which seems to be sitting on a 1/4 circle of smaller stones. We have lifted the slab up and there is another stone below it.

The floor at the W+ E ends of Room 13b/Y is hard, and pale brown in colour. In the centre of the room there is a section where the fill is soft and flamy, not only along the S wall but extending N towards Wall 36.

We decide to check on Room 13a+Z to the N. First we sweep the room to get rid of surface debris. Then we remove the slab at the E end of the room, and start in with:

Pail 3
under K777 to 182/3:29
from 19.68
To 19.58
Brown fill bailed by exposure to sun
Grades: only 2 fine ware sherds, which
other:
Mentioned:
The N side of Wall 36 has no face, and because of this and the small size of Room 13a/2, we suggested that it was not used after Wall 36 was built. At the E end of the room there are several stones set 1 flat which may have been brought in for levelling fill. At the W end there are some slabs slightly higher than those to the S in Room 13b/1. Just to the E of these slabs runs a 6.2 cm stretch of what looks like a wall* ca. 51 cm wide, N-S in orientation.

It may once have continued S through Room 13b/1, where the fill is soft and brown (?). Only one course is preserved, so its height (visible only from the W where we dug down) is 15 cm. E of the new wall it will go no further. This is Wall 85.

This concludes our work here, except for the stones in the SE corner of Room 13b/1, and the string. The latter will be done tomorrow, the former this afternoon.

The stones in the SE corner may be a sort of seat. Under the big slab is another, and there are smaller stones propped up around it. The earth is exactly same as elsewhere above the floor — soft & brown. No large stones or other objects were found here.

Towards the end of the day Hamid blotted his hands in clay and dug into the trowel. The grummy, black material and burnt red earth (see plan p. 44) may be connected with metal work. We have not dug deep enough here to investigate the level at which this activity might have taken place — judging from the large hammerstone still embedded in the fill nearby. Thus the bedrock does slope down very dramatically E of the exposed edge.
July 8-9, 1981.

41 J.S. During rubble removal and clearing the southern and western walls of the pithos room are defined. Excavation begins within the room, exposing part of a pithos and parts of other vases, but the situation is unclear whether these vases are only large fragments of a large ware or whether they extend down into the fill to rest on the floor. Another day's excavation will be necessary in order to know whether this end of the pithos room will produce a sizeable "earthquake" destruction.

40 J.W. More steps to the LM staircase create an impressive ensemble but nevertheless... less represent period-wide one which was hoped to avoid here this year: interest was to be concentrated in the LM. Just west of how the fine "water press" is clearly lying on its side as it may have slid from a platform above the floor of the so-called "dungeon". The group was photographed in some detail before cleaning progresses.

44 J.M. The questions concerning the two N/S walls in this trench begin to multiply. LM III in P.G.? Sim? I myself wonder whether they might not join one another, building on the north (below the temples) which is known, with another that I seem elsewhere but may be just south of the present trenches. Mostly geometric within the fill above the tops of the wall on the east. It seems much unusually large... although internal partitions may still be found.
43 M.D. Coming down on the fifth level of Building Temple C, toward the end of the day a structural hypothesis is confirmed, one proposed by U世 and Bianco in 1980, namely that the NW corner of B was incorporated into the foundations of C. This is obvious from the wall ('nother') trench has been removed for the blocks, wedge has a different orientation and also there is a different, rougher masonry style on the block than in the surrounding wall blocks of the subfoundation.

42 MCS. Further gradual clearing reveals that the bench-like construction in the corner of B does indeed belong to a later phase, built on upon the hill, upon the higher surface on which was set the group of pottery recorded herein, this wall will be removed shortly once recording is complete, and will form a part of the restored plan of that period. No altar will remain: I suspect that it rests upon an earlier one. NW of the altar in another area are a 3 vertical slabs, tiny relatively speaking. In plan they have rectangular "telephone booths", similar to those found at a similar level in MCS's trench on W of the Temple in 1980, no indication as to their function.
41 SS. Gradual clearing continues to reveal an extension of pithos room at least 4 entire vases, a pithos, a larnax, a spouted vase, two plain green bowls of some size. When further upper fill with some large pithos/jugs fragments are removed, certainly a few more will appear to become quite an exciting group.

4016, much mum potting appears smashed on floor layering east of the stairway landing. Most interesting is that to the west the back of a pot (open?) on a low platform with some "wild olive" seeds nearby, just below the point where the spout would empty into contact. It will make a splendid illustration.

44 J.M. Wicker, purple/grayish material appears on the floor, as found in other trenches. This material may prove most useful in setting the level of the slope around B shortly after its founding.

43 M.D. Peep appears here also (above) so M+1 M are at same relative level. Cooing ship level seems to be associated with C here, though the levels of B+C have increased because of the slope of the hillside here (as usual).

42 MCS. Clarification of another of the tank levels associated with the court of B during its later phases.
41 SS. Further vases revealed in the process of clearing away an island of rubble, earth, and potting in the center of the room's small extension. This has been planned; on Monday excavation will be completed and all the pottery will be drawn so as to fit later onto the 1:10 drawing already made by G.B. of the remainder of the room. To the south of the southern wall a few NS walls may be appearing in the rubble. It is too early to tell but the house may, if we are lucky, have continued to the south. If so our plan of excavation may change substantially.

40 J.10. East of the steps, below the smashed MM vase that have now been removed, are others resting within an extension of the 'Sottoscala' excavated in 1980. There are also MM - one just (?) in fairly good shape, much dust on pleasure a slab is removed from the slope to reveal a pit, perhaps buried in the floor, quite empty though the undersurface of the slab covered by a greasy film and quite worn smooth by (some suggest) the acid action of the vinegar that may have been stored within it. The situation is similar to that in a few other MM houses on the northern hills or at Kate Lavois. A smaller, second part of the trench is being opened now in the east in order to reveal the remainder of the same floor.
44 J.M. The eastern half of the trench is now done at the level of the eastern wall—much earth has been moved. From the wall westward there is a splendid fall of many large stones that no doubt came down from the wall, sealing whatever content it might have had during the Geometric period. This is a good sign and I, M. II, is hastened. Along the northern scarp of the trench which is near the back of the Bank of Temple C, we find the southern wall of Temple B preserved as high as 2 courses, one rather large lower course and then courses of heavy, flat slabs. It is a pleasure knowing now that we have all of the external dimensions of B and that the group based on one block last year is confirmed.

I suspect that the southern wall of this, new rooms room (no internal partitions have yet been observed) is just beyond our scarp—a small probe will have to be made soon if we are to expose that as well. If this alone is true, there are recent drafts that the large LM I building that we are searching for along this north forms this southern wall.

43 M.D. Steady progress in removing sand from around rubble which, in the upper part of the rubble that wall, takes us short into LM III, then eventually, LM II levels.

42 M.C.S. Cleaning of the same basic level. There remains an oth water of such layers of burnings outside the temple before we can free to explore the horizon.
July 13 1981

40 J.M. Day spent opening small extension of trench on east, plus some cleaning and the beginning of penetration into an MM III floor level into an MM II structure that was partially investigated in 1980 and 1979.

41 S.S. MM III (post. Kommos) deposit completed, photographed and drawn by Veb. To the south we slowly trace down two walls which may be part of an unexplored southern part of the building.

43 MCS. Rubble spell originally located along the north of the trench found to slope south below the burnt terrace and that now has a few pots upon it that should be datable.

43 MD. Slow removal of some earth.

44 J.M. The spell of large stone blocks, apparently chiefly from the eastern wall, is largely removed and we progress down in the fill. Running questions: how far to the south is the U.S. wall? Is the wall of large building part of an LM III B or a PG complex.

A relatively slow day on the site. Some of the staff go off to inspect the pottery south at Kommos (true) underwater, where there may have been a shipwreck in antiquity.
July 14, 1981

40 J.M.

J.W. The new section of the trench appears to be filled with pit - we will be lucky to recover any of the MM floor, and are fortunate that the extension of the trench is a reduced one.

41 SS. MM III deposit returned to Pitsida.

To the south the walls which are being differentiated indicate that we have come upon an outside surface, i.e. that we have excavated the southeastern room here of the house. Outside, built up against the building, was a small annex. At the lowest level a new room from an earlier MM house will come up shortly - two vases, upside-down, begin to appear.

42 MCS. Still another level down is the burned earthen floor that at least for the moment I attribute to the first phase of B, i.e. to B1. A few pots are recovered from the surface; a new set of photos is made. Soon we will be ready to determine if, as I think, there are two architectural phases of the altar. At our next level we may be outside A2, the proto-geometric temple.

43 MD. An aged wall n. of J is removed after the last habitation layer has been studied and, finally, we are in sand, deep sand, which
A bottom of a pot with iron-colored material runs out to have limonite upon its surface: a substance used by some now (e.g., to HBW) for dying material. Of the colored flecks connected with B's founding and discovered west and south of the temple, MCS finds a lump in a much more solid form with the usual lavender, white, and red/orange colors, of which the last is crimelike, also used or possible as a pigment.

will certainly speed up excavation until we have reached the lower LM IIIC level above the LM IV.

At the point that we are sure to be able to complete the past we are working on we will open the northern section. Also there is the small Room IV, partially exposed by MCS in 1980, that will be excavated down to its floor—probably at a rather high level.

44 J.M. Finally in the large LM III (?), room a second level is reached—a few pebbles and a bit of clay, a burned patch approximately a meter in diameter, with only a few surface sherds to break the monotony. J.M. and all of us were disappointed though there still could be surprises, after all this work. The appearance of the wealth is very much like that found by D'I2, on the upper floor of Building J.

This helps clarify the front of the preserved and B's wall, also expose a site from that is most likely just outside B on its southeast—this can be added to our restored plan with its atrium.
15 July 1981

40 J.W. Deposit of LMIII around a heap which probably outlines an LM I house which in turn rests on an MMIII original floor level. A Tangle but one which J.W. can no doubt sort out.

41 SS. Southern rim, photographed and we move westward to open up a large portion of the other section of the trench, the point being to follow the MM house in that direction.

42 MCS. A repetition of yesterday—a channel up in the S. eastern corner of the trench.

43 MD. Real progress in dealing with the Minoan (which we have reached) or the upper, late level, he clear sand and mixed heavy rubble from around the eastern side of 4 (LMIII: Then a brief Geometric use). To the north a wall goes west-east along the northern wall of Building J. Upper construction, LMIII slop-type, but most is of huge-

J-type blocks. At × in what may be a

blocking—at any rate quite similar to the blocking of the north entrance (originally LM I) of Building J. If the above turn out to be true, the state of the underlying LM I remains may well be splendid.

44 J.M. Much the floor is cleared: no floor features in Deposit LMIII?
40 J.W. III B, work with associated pottery, a
beamweight, whetstone, a possible stamno-
static, coupled with numerous olive seeds suggest
that in LM III the nearby
spotted stone slab room the olives, after
boiling, were crushed.

41 SS. Gradual clarification of a few wisps
of walls: will they belong to the MM
building we are "chasing"?

42 MCS. She arrives at a pebble floor (?) LM III
and struggles valiantly with a very com-
plex stratigraphical series: changes brought
about through erosion.

LM III

43 MD. The floor just north of where MCS
excavated in 1980 is cleared: a few
coarse pots and signs of burning
—
handy helpful for further interpretation
of the late use of the T area. Slow
progress in "Keftiu Lain", so full of
sand and blevel that we will learn
more and clearly so only by the end of
this coming week.

44 J.M. LM III (definite) floor cleared
(?) a court with only a few sherds in
it. In the afternoon part of that floor
is opened on the south, exposing a
very substantial wall which, softly
cannot be accpted. On Monday
an exploratory trench to the south
will be begun.
40 1.10. Careful cleaning around the hearth reveals a fine bronze chisel, certainly the largest recovered so far, also a steatite bead. North of the room, in a dump of MM II pottery, we recover a variety of shell and other Kamares sherds, the finest being the best so far recovered from the site.

41 S.S. Stonecleaning and photography in anticipation of wall finding on Monday.

42 M.C.S. It appears in retrospect that most, if not all, of the burned levels removed by M.C.S. here are to be associated with Temple B rather than A. There, in front of A, a less potentiou structure, architecturally, seems to have been more reduced in front of its entrance if the pottery to the west was used as the main reference point in dating. Some P2, however, (paid 42).

43 M.D. Floor photographed and she excavates down in Room 4. In the magazine the corridor which promises to be faced along its south by ashlar, is slowly cleared.

44 J.M. Within the small area (south) opened here there appears below the LM III floor a N/S wall fully comparable in scale to Building J. To the east is clearly the east, also visible is an E-W crosswall within the interior. No useful objects yet. Clearly here is the building for which we have been watching, from which the various fallen blocks have been coming in the past. On Monday M.C.S. should find more. The next few weeks, clearly, will be bane for our understanding of the spread and charactrist of the LM II "palace." An important day on the site.
50  July 1981

40  J.W. More cleaning on the north exposes the end of a MM (?) wall, which may be linked to the Kanaroa shafts already reported on here.

41  SS. Heels almost clarified. One more day should complete the trench.

42  MCS. At last through a hill, we walk, we arrive on a major E-W ashlar wall of which we have had only glimpses in the scope of 315A.

43  M.D. Progress in clearing a rough LM (?) wall from the passageway in a field of pure sand. Also, in E.M. 4, to the north, the hill above the LM III floor in lowered while the architectural sequence becomes clearer.

44  J.M. Further evidence for overlay of LM III on LM I construction is appearing, helped by LM III's isolation of the floor connected with the LM III building of two phases, that he discovered this year.

The relationship of J, the MCS and J.M. will hopefully be worked out, at least in a limited way, by Giovana Bianco when she arrives in a few days. Further control is mandatory at this point, especially now that we are gathering more information about the large buildings (LM I, III) in the area of the sanctuary and so deep lying as to be quite difficult to trace economically.
21 July 1981

40a. J.W. A part of the MM III dump appears along the south wall, on the interior of the MM III (?) room and connected with the dump on the north. This section, though fragmentary, should please P.B immediately, who will be publishing the MM pottery.

41a. SS. The east wall of the MM house appears to have been broken through (?) for a threshold. Outside in a series of pots, a really cute assembly, at least half upside-down. They rest on fine pebble floor, one of the best discovered to date.

42a. MCS. The broken-up rock fill changes to a full 'doline' series from fallen walls throughout the trench. Much time is spent removing them — one has real hopes for a ceramic context below, but we may well be disappointed.

43. MD. In Y we approach the floor (MM III). In the passageway area part of the sand scoop collapses, a worrying that the foundation of A1 must be in — investigated carefully and propped up if necessary.

44. JM. Progress in removing fill but no new substantive results.
40A. A large amount of Kerosene was continues to appear. Ball tracery was almost terminated and J.W. begins his emptying of the MM room on the south, from 1981.

41A. Clarification of the floor records part of an unusual MM bell rhythm, the first found so far, still in pieces but fairly restorable. It lay scattered in fragments on the floor, the new trench, 41A, is begun on the west although we will return to 41 as soon as drawing and photography is complete.

42A. An enormous number of boxes, fallen from the interior wall, are removed during the course of the day. Floor level is to be reached tomorrow. The digging is most tiring in a trench that is being continually deepened. The one E/W wall on the south seems to be turning south and east; a curving Hellenic wall of LM I date.

43A. The Room 4 we finish on almost a bare floor. One shed from a large vessel will join pieces found in previous years. Nth of preliminary trench begins.

44A. J.M., LM I floor (?) of sand (?) reached. Oaf. Only a few more stops of digging here still left.