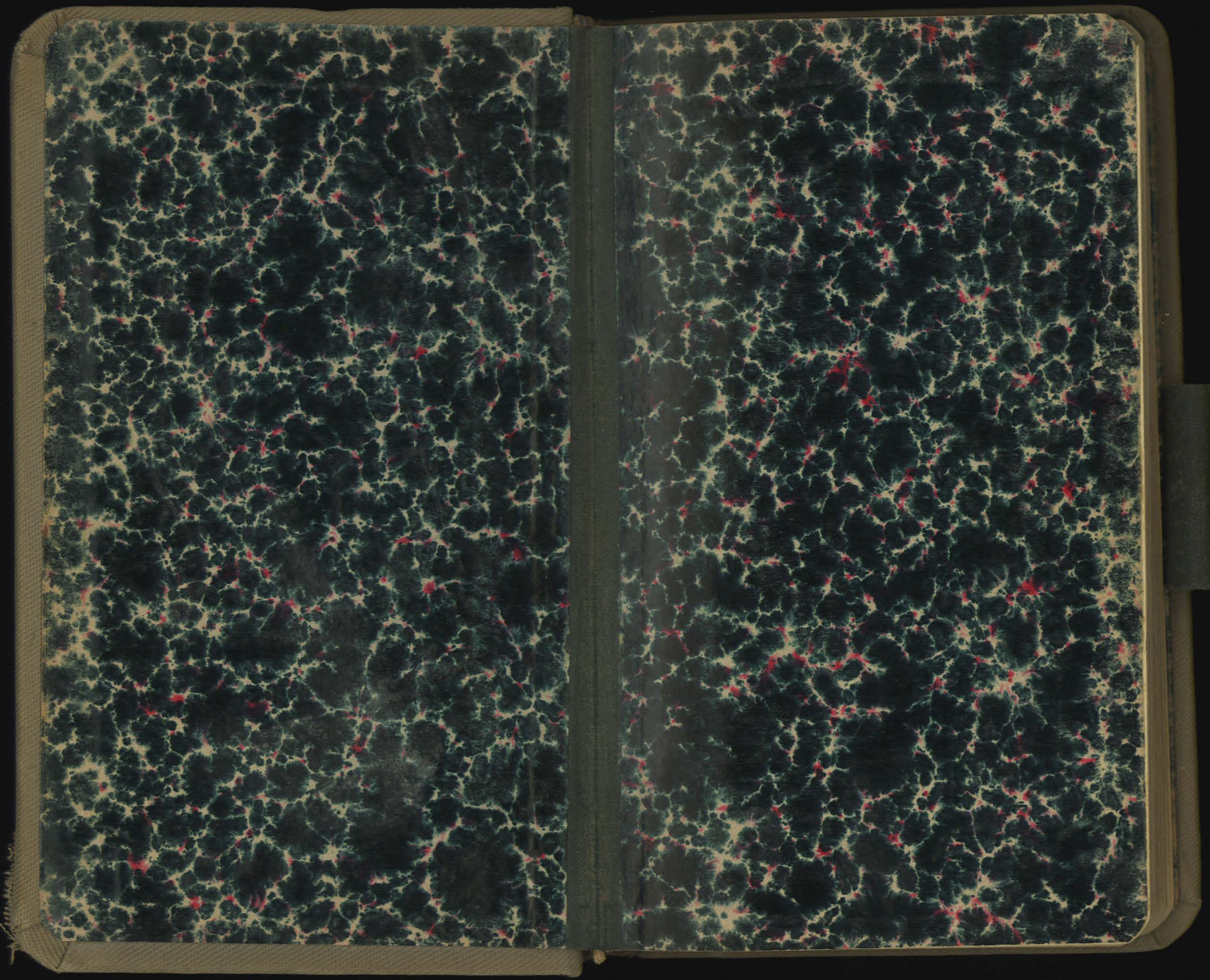


KEA

XI



1.
KEA XI

Notes made upon the
Excavations at Kephalu

July 10 - August 2, 1961

Philip Hone Querbach
pp. 6-71

June 10 - July 5, 1963

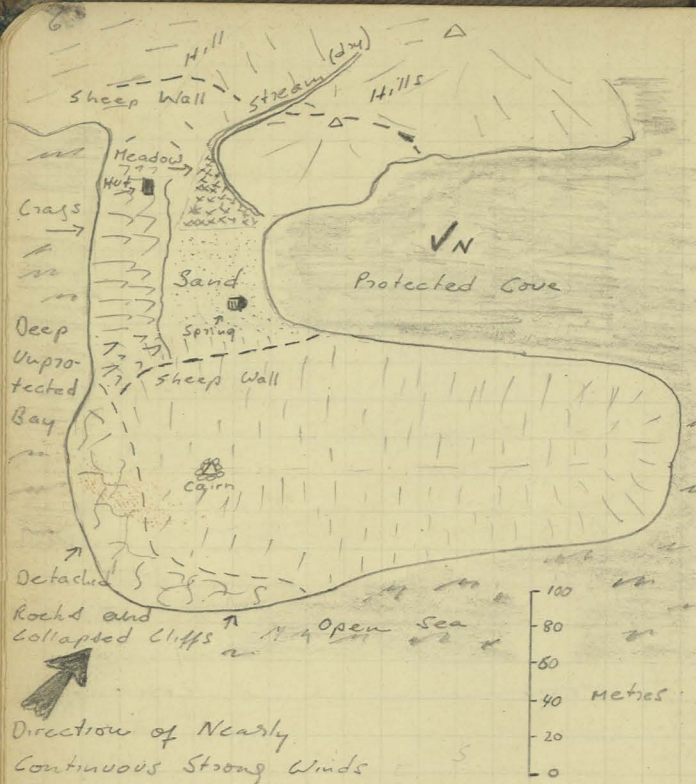
T.W. JACOBSON

pp. 71-159

General Index of Kephalu
1960 - 1963 . pp 160-162

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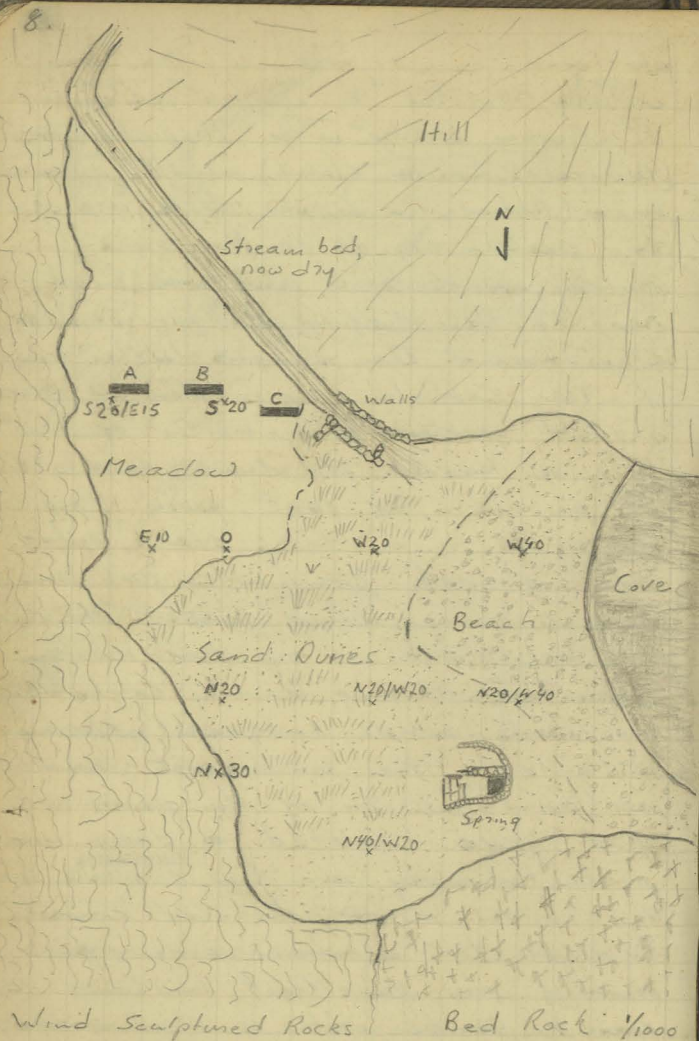
Rough Sketch of Kephale
(Measurements are not to be trusted)

figure 1

July 10, 1961

Began work with 2 pickmen (Panayotes, Santa Claus) and 2 shovel men (Petros, the dapper little man). Eric Carlson is to do the rough survey and then join me in directing the digging, taking Santa Claus and the dapper little man.

The Kephale peninsula is the second promontory north of the bay of Hagios Nikolaos, and about 20 minutes by foot from Hagia Irene. It is a tall, steep sided, pear shaped peninsula whose main axis runs about NE-SW. The open sea is on the north side. The strong, nearly continuous northeasterly winds have cut away extensively the northeast and northern portion of the peninsula and have created a deep ^{EASTERN} unprotected bay on the southern side. A shallow well-protected cove lies on the western side, furnishing an excellent harbour for small boats with a shallow draught in modern times, as well as probably in antiquity. However, some erosion on the southern side indicates that at times the bay must be less well-protected, when a south



Sketch of Low Portion of the
Neck of Kephalo Peninsula

figure 2

(Measurements by Stakes and Paces)

9.

western wind blows. In no way is this erosion comparable to the northeastern portion where the action of the water and waves have so weakened the already soft metamorphic rock that great boulders and all of the face of the cliff have collapsed into the sea or upon each other in a jumbled heap, most of the height of the peninsula. The collapse looks relatively recent.

The neck of the peninsula is made up of two segments, a wind sculptured strip of brown and green metamorphic rock on the east side, and a low water lain deposit in the west. The east strip was shaped in many fantastic shapes, not by the action of water I believe, but rather by the chemical action of the air upon the weathered portions of the soft metamorphized sedimentary rocks, and to a lesser degree by the mechanical action of dust, sand, and rain.

The western half extends in two parts, meadow, sand dunes, and beach (figure 2). The meadow is a generally level

triangle of land sloping gently down towards the stream bed, now sparsely covered by dry brown grass. The tops and upper parts of the sand dunes carry clumps of tall, sharply pointed grass and of closely intertwined, wiry thorns. The beach was separated from the dunes by its levelness and by its many flat stones lying on the sand. The dividing line is obviously somewhat imaginary. The line between dunes and meadow is the line made by the edge of tall, pointed grass and wiry thorn clumps; the dirt in the adjacent meadow is of coarser or sandier quality than further south or upstream.

Traces of construction, probably made and certainly used in modern times, are found in the form of the two sheep walls and one hut (figure 1). Of more uncertain ancestry are the construction around the spring and the pair of walls and broken crosswall at the mouth of the stream. None have associated shards or obsidian, but the spring and check dam should be investigated before we leave. The hut

(two walls built against a rock) and the roughly piled sheep walls are identical to modern construction and differ strongly from what we know of Cycladic buildings.

The purpose of our work is to determine by survey and excavation the periods and types of occupation on the Kephala Peninsula, and in particular to obtain a good sequence and collection from the Early Cycladic, which is not ^{yet} represented at Hagia Irene.

The promontory itself is only visited today by goats and hunters of antiquities. The bay serves many roles, as a safe haven for small boats, a source of sand for cement (the storehouse/laboratory at Hagia Irene use Kephala sand in its cement), and a beautiful bathing place for excursioners (including Jacqueline Kennedy). The hills adjacent to the neck are used only for goat herding.

Eric and I set up the questionable points that make up our grid system. They are located and designated on figure 2.

Laid out 3 trenches, A, B, C in the meadow, searching for a better sequence of construction than could be available on the hillside and for a history of the stream. It is very probable that the stream may have washed away any early construction or buried them deeply, if there was any in the first place.

A is 5 m e-w, 1 m n-s. North east corner S21/E15. B is 5 m e-w, 1 m n-s. North east corner S21/E5. C was moved 2 metres northward to S19/W5 to include 6 large stones lying on the surface and widened to 2 m n-s to best examine these stones.

A was taken down to a meter's depth in 5 20 cm cuts (no lots). Dirt was completely sterile. A good stratified fluvial deposit will be described fully when B and C are finished.

B. 0-20 cm cut: 1 obsidian chip (lost shortly after finding).
20-40 cm cut: 1 shard (lost) (KB-1),

1 obsidian bladelet (KB1-1), and 1 possible pot cover, which because of its location in an ancient stream bed can better be explained as a naturally shaped river pebble. It measured $15.5 \times 13.8 \times 3.5$ cms. Discarded. Sterile until 1.05 m depth, when 1 shard was found (KB-2).

C. from about 20 cm depth 5 shards (KC-1), an obsidian blade fragment (KC1-1), and a discarded possible pot cover, $13.2 \times 12.1 \times 2.5$ cms.

B. Water struck at 2.40 m depth. Proprietor of land delighted. No more finds.

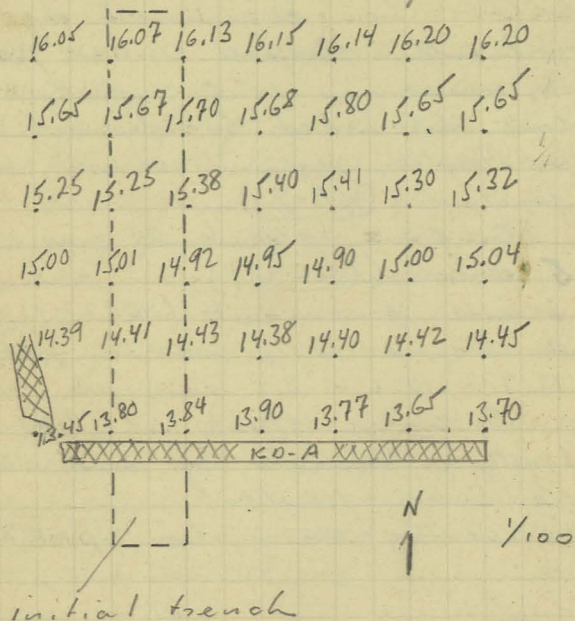
strata description, p 67, seq.

(KB1): stratum a or lens b. Post-Bronze Age shard.

(KB-2): top of stratum g. Late Roman (?) shard.

(KC-1): 4 of shards are later Roman(?), 1 uncertain. from stratum c.

figure 3: ground level of D₃ before excavation. (All elevations should be 2.05 m higher).



Area D

Moved two men up the hill to a point about $\text{W } 40^\circ, \text{N } 85^\circ$, and 16-18 m height above sea level. The tops of a few stones of walls of well cut stones, some of them of laminated blue rock, perpendicular to the slope of the hill, were revealed by erosion.

Drove a trench $6\frac{1}{2}$ m N-S. and 1 m E-W, at a right angle to and crosscutting the walls, carrying it down to bedrock, which was just under the surface in many places.

Rough sketch of digging lots.

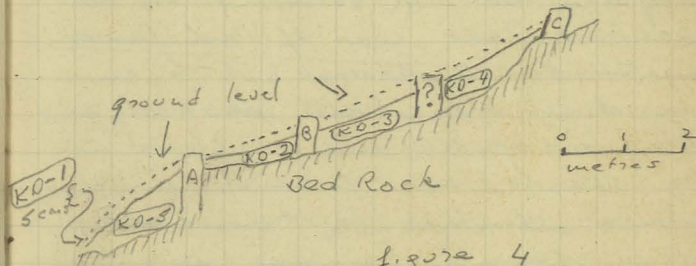


figure 4

(K0-1), surface 5 cm of all of trench: dirt light brown, lumpy, with many rock intrusions of all sizes, some obviously building blocks. Several leaning slabs midway between wall B and wall C - this

may be a wall more destroyed than the others and in this section not made of faced blocks. In any case it provides a convenient place to separate digging lots.

KO1-1: obsidian: 1 poor thick blade, 7 flakes (1 notched), and 15 chips.

KO-2: to bedrock between walls A and B. Most of dirt is a darker brown, well packed, and with a few rock inclusions, with rare exceptions 5 cms or under in diameter. The bedrock dips suddenly down just before wall A, forming a small pocket. This was filled largely with small stones, 3-6 cms in diameter, hard packed, and sterile of shards or obsidian. If shards are found in this pocket further to the east, they should be an indicator of the period of construction of this wall.

KO1-2: obsidian: 2 blades, 2 flakes and 3 chips.

KO1-3: possible pot cover, 7.7 x 7.5 x .5 cms, of schist.

KO-3: to bedrock between wall B and ?. Bedrock very high and dirt similar to surface cut.

KO1-4: obsidian: 1 weathered blade(?), 3 chips.

KO-4: to bedrock between wall ? and C. Dirt similar to KO-2, including a sterile, pebbly pocket at the bottom. Wall ? removed, as it seemed to be an irregular series of standing slabs, perhaps built this way or perhaps fallen over at a right angle, in order to better expose the relationship of bedrock to walls. If ? continued eastward, it may be considered a wall, but of much poorer construction. The west wall of the trench intercepted a wall perpendicular to these other walls and perhaps an outer wall - to be described when fully revealed. Bedrock rises abruptly just before wall A.

Panayotes felt that several slabs in the dirt might have been roofing tiles, about 20 x 15 cms.

KO1-5: obsidian: 5 blades, 4

flakes, 8 chips.

KO-5: .80 m south of Wall A and down to bedrock. top 20 cms dirt lighter and disturbed, bottom 40 cms darker and more packed. Bedrock lower below A than elsewhere.

KO1-6: oss. d. an: 1 blade, 3 flakes,

KO-6: .80 m wide eastward. along southern face of Wall A, until bedrock at corner. Lighter brown dirt and disturbed (by earth and contents slipping down hill.) surface to 30 cms.

KO1-7: oss. d. an: 5 flakes, 3 chips.

KO-7: .80 m w eastward along southern face of Wall A, from 30 cms below surface to floor 20 cms below. Cut followed bedrock for about a metre, then rose to follow a surface believed to have been a floor. The dirt above was darker brown, relatively crumbly, and with few rock inclusions. The floor is light brown, hard and pebbly surfaced, and very well packed. The floor ends about 2.35 m from corner, and after

excavation does not seem to have been cut into by the pick. There may very well have been a wall n-s here, though no rocks from it have survived, nor does the edge of the floor, though ^{roughly} straight, show traces of a wall. The southern side of the floor is a ragged line, corresponding to where the ground level of the hillside cuts it. No evidence of walls or floors immediately downhill can be seen.

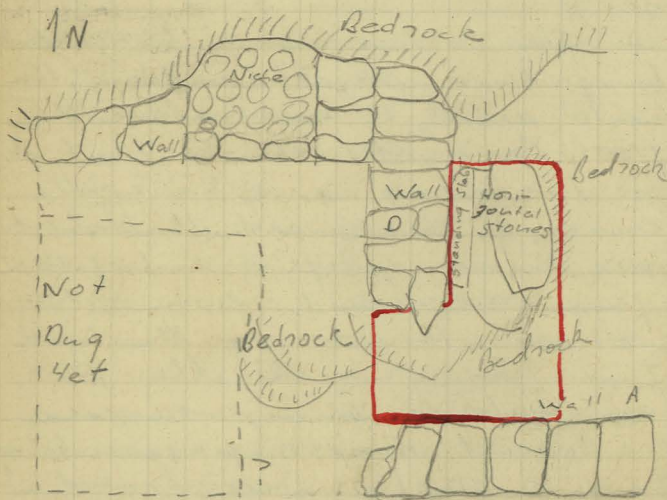
The corner is a horizontally lying block, projecting from the wall and 12 cms above the floor. Panayotes thinks that it is the beginning of a wall running southward. It looks to me more as if it had fallen face downward from its corner position in the wall. That would make the floor an outside living surface.

Several minute fragments of backing plaster were found in the dirt above the floor. A concentration appeared under the ^{edge of} fallen corner stone. They will be described and removed, after Dr. Caskey sees them.
plaster removed + boxed 18/VIII/61.

A great disaster - Santa Claus' wife grey donkey, born of an accursed breed, just consumed all the bread and most of our lunch - a lean afternoon, until belly weighting, mouth clapping 'pear of Southern horse back at camp.

KO1-8: obsidian: 3 blades, 4 flakes and 1 chip.

KO1-9: from backdirt, obsidian: 1 unident fragment, 3 flakes, 2 chips.

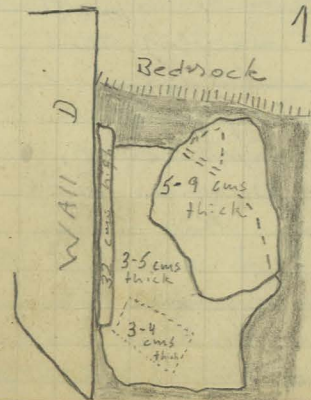


Very crude sketch of area covered by KO-8 and KO-9

figure 5

(KO-8): area encircled by solid red line in figure 5, surface to bedrock in lower portion, surface to top of horizontally lying stones in upper part. The cut is poor, since it includes material east of wall D (the new wall) as well as material from the area where the southernmost stretch of D has disappeared.

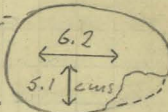
The west end of Wall A and southern end of Wall D has disappeared. Bedrock is high above the surface here. Standing against the east face of D is a tall flat slab, beside which lie 2 thicker horizontally-lying slabs, abutting against the bedrock. Were the underlying bedrock deeper here, I would have suspected a tomb, but I doubt it. On top of slabs family of some 20 small and 1 large stones, which Eric collected with glee.



Vertical and Horizontal Slabs Lying against East Facade of Wall D.

figure 6

Kpl. 4 KOI-10: from pointed end of Wall D, 37 cms east, 11 cms north, and 1 cm above largest flat slab. An oval of pottery, unfortunately broken by the pick.



Kpl. 4.

KOI-11: obsidian: 1 nucleus fragment, 1 flake, and 7 chips.

(KO-11): dirt underlying slabs in figure 6, to bedrock, dirt darker brown, as immediately above slabs. When removed, the slabs lay nearly on the surface of the high bedrock.

KOI-12: obsidian: 1 flake.

Kpl. 4 KOI-31: green stone pounder

(KO-9): west facade of D, and niche; to bedrock, or in niche to surface of river pebbles. Cleared a trench 50 wide along west facade, encountering another wall at right angles. This ran 1.26 m west until it met with the projecting bedrock. Within this wall, and apparently its raison d'être, was a niche, 3 courses above the bottom of the wall. The niche is about 50 cms wide and continues behind the wall for a little under 50 cms. It is lined with water worn

igneous pebbles, 10-15 cms in diameter. These will be washed and described in detail later. So far no indication of function has been recognized.

KOI-13: obsidian: 3 flakes, 6 chips.

(KO-10): Rectangle in fig 5 as "not dug yet", to bedrock. Bedrock high with no construction, dirt light brown, loose, and disturbed. How much has bedrock been cut?

KOI-14: obsidian: 2 flakes, 2 chips.

(KO-12): Eastward between Walls A and B, to bedrock. Bedrock rises high and continues high. Instead of far wall, running n-s, bedrock perhaps cut, but not at



figure 7, Very crude sketch of (KO-12)

at right angle to A. Probably there was a constructed n-s wall here but it has been swept downhill by erosion.

In middle (cf. figure) and projects from wall B, which peters out here, is a rough bench of bedrock, upon which is resting at both corners several faced stones horizontally lying. They look as if they are in situ, but do not connect to form a continuous wall or bench.

KD-15: obsidian: 1 portion of a nucleus, 2 blades, 4 flakes, 1 chip.

KD-13: pebbly, dark brown, hard packed fill between top of wall A and bedrock. Shards must date to period of construction.

KD-16: obsidian: 1 flake, 1 chip.

KD-14: eastward, to bedrock, between wall B and line of bedrock which rises to intercept initial trench at wall ? . Bed rock high, but rises suddenly at back of cut, forming in a sense another wall roughly parallel to B and the same distance away as A is to B. At right angles to B, and the cut (?) bedrock is a constructed wall running from the bedrock to join the left

or western line of stones on the bedrock bench in figure 7. Dirt changes from top to bottom from light brown, loose, and disturbed to brown, medium packed, and very pebbly.

KD-17: obsidian: 2 blades, 1 large flake.

KD-15: eastward from KD-14 Bedrock high.

KD-16: surface ^{10 cms} cut, between cut bedrock "wall" of KD-14 and wall C, from initial trench eastward to ^{West} ~~rise~~ ^{EAST} in bedrock to surface. Dirt light brown, lumpy and crumbly, and full of rock inclusions of all sizes and at all angles. Bedrock rises abruptly just below C. Small sections of small stone wall (?). in NE corner - to be revealed in the west cut.

Kph. 3 KD-30: from SE corner of westernmost stone of ? wall, 1.65 m east (considering wall A C-W), 1.73 m north, and at height of 15.30 m. Small, elongate grey/blue/green stone cert with worn bit and partially broken poll. length: 5.5 cms, maximum

26.

breadth (between centers and $\frac{2}{3}$ length from bit): 1.9 cms; maximum thickness: .9 cms.

KD1-18: Obsidian: 1 blade? fragment
2 chips.

K01-19: stone lid (?) of grey
schist, 21.0 x 20.9 x circa 2.0 cm.

(K0-17): Below (K0-16) to bedrock. Most of dirt until, circa 10 cms above bedrock disturbed with large (up to 50 cm) building blocks at all angles. Bottom 10 cms less disturbed and somewhat clayish. Bedrock cut extensively, forming rough sloping bedrock walls. Also a circular depression, 23 cms in diameter and 20 in depth. Perhaps cut to receive a pithos, although Early Cycladic pithoi are not this pointed. Improbably a stone mortar, because bottom too pointed and facing of walls too rough. Even more improbably a door post base, because door would lead nowhere, or rather ^{Post to support upper construction} into bedrock. Cut into bedrock at NE corner of (K0-17), a curved shelf .82 m across, and .32 above bedrock "floor" directly below.

27.

KO1-20: obsidian: 1 large flake,
3 flakes, 1 chip.

K01-21: stone lid of green schist, $20.4 \times 19.1 \times 3.6$ cms.

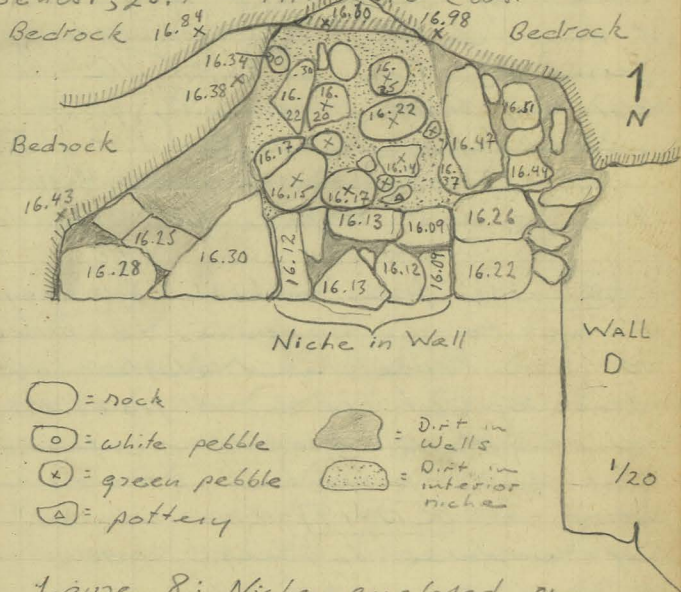


Figure 8: Niche, enclosed on south and east by short walls, elsewhere by bedrock. (change heights to 14, not 16.)

(K0-18): to bedrock, south of wall F, until sudden drop in bedrock above mile. Wall on west side of initial trench, between ? and C, is now E. Westward continuation of ? is F, running perhaps 2.50 m west of E, until it peters out on bedrock. Bedrock is high down hill.

on south of wall F, and earth is loose and disturbed.

from 10 cms west and 15 cms north of SW corner of F, and 5 cms depth, one sample of ferric (?) oxide, perhaps the result of human activity, probably natural. Another sample, back dirt of KD-18.

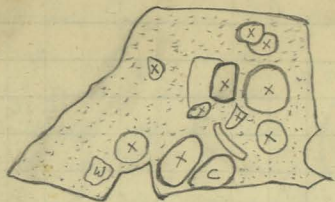
KD-22: obsidian: 4 slabs, 4 flakes, 4 chips, and 1 flake from shards.

KD-19: from outside edge of F up to C, surface to circa 10 cms. loose and disturbed, floor of cut is hard packed sloping level, pebbly surfaced, but with projecting stones. dirt in KD-19 has number of medium to large rock inclusions.

KD-23: obsidian: 1 slab (?), 15 flakes, 2 chips

KD-20: to 20 cms below KD-19. dirt medium to well packed and darker, with many rock inclusions of all sizes, particularly large construction blocks, at all angles.

KD-24: obsidian: 2 blades (?), 5 flakes, and 1 chip.



1
N

1/20

figure 9: interior niche (cf figure 8), at a lower level.

(W) = white, translucent rock

(C) = chalky rock

KD-21: Removal from niche of dirt and contents. figure 8: niche, as revealed by KD-8. Dirt hard packed and dark. figure 9 shows second exposure of pebbles immediately under those in fig 8. Wide variety of water worn igneous rocks represented, mainly blue/green, as well as 1 white, 2 white and translucent crystalline, 1 chalky (all saved) besides (discarded) unwater worn 5 bedrock-type rocks. Cleared down to bedrock.

KD-25: obsidian: 2 thick flakes, 4 flakes, 5 chips.

KD-23: 10-15 cms cut below floor described in KD-7 to top of flag stone floor. Height and extent of dirt floor in figure 10:

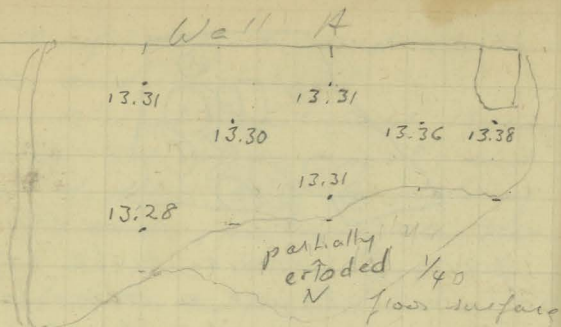


figure 10: extent/Height of top surface of dirt floor.

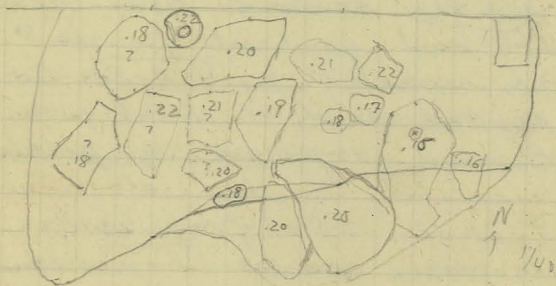
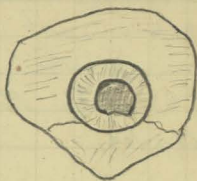


figure 11: Flag Stone floor.

Dirt in floor is light brown, very hard packed, and pebbly; and rich in shards. While I was up L.H., P removed the westernmost 5 stones (marked on figure 11 with a question mark), because they lay at slightly different heights. Their location and height on figure 11 are as he put them back. One stone, now some-

what broken, but roughly circular, with a diameter of 20 cms and a thickness of 6 cms. It has a hole, 8 cms wide at top, irregular and 4 cms wide at bottom, through its center. The hole appears perfectly circular and smooth walled in its upper portion, slightly irregular at the bottom. It looks as if it had been a naturally bored stone, re-worked and carefully drilled by men. Its location suggests that it might have been used to hold a door post.



When removed for the next cut (KO-24), the slabs proved to be from 1.5 - 4.5 cms thick, generally 3.0 cms. They had been bedded in a thin layer of clay.

KO-26: obsidian: 1 large flake, 7 flakes, 2 chips.

KO-24: flag stone floor to bed rock. Dirt somewhat darker, hard packed but lumpy, and with some medium to large rocks. Underneath slab floor thin level of clayish

earth. Took sample of chalky substance immediately under easternmost large slab (under X in figure 11).

KO1-27: Obsidian: 1 blade (?), 1 flake.

(KO-22): below (KO-20) to bedrock. Dirt darker and well packed. Many large construction blocks, especially lying against north face of F. Believe these came from wall standing against bedrock below C. It makes a corner with E, but disappears after 30 cms. Will call it wall G.

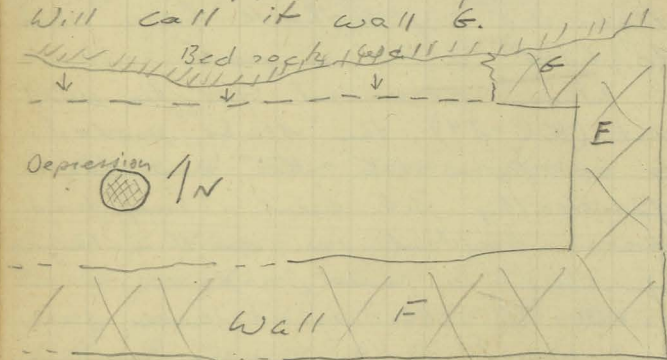


figure 12: Very crude sketch of (KO-22)

Another depression, like that described for (KO-17), 23 cms diam. and 16 cms. depth.

KO1-28: stone pot cover (?)

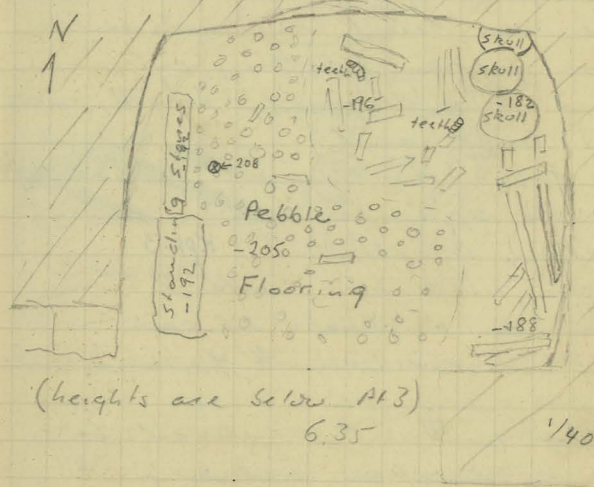
15 x 14 x 1 cms.

KO1-29: obsidian: 1 flake, 3 chips.

Plaster sample.

Ragel, Kea 1, 2, 3,
4

(KF-1): Ossuary I. (located on master drawing. P cleared down to level of last year's exploratory cut. Bones of at least two people, a few shards.



(heights are below A13)

6.35

1/40

Sketch of Ossuary I

Bones were lying at a higher level on east side. 3 skulls in ne corner, long bones along eastern wall and se corner. 2 sets of teeth further to center (cf diagram). On western side only a few scattered bones. The pebble flooring under all skeletal material was right under surface. Near west wall

2 standing stones. Bone in poor conditions. 3 boxes bones.

Nearly all pottery from below pebble flooring. (KF-1)

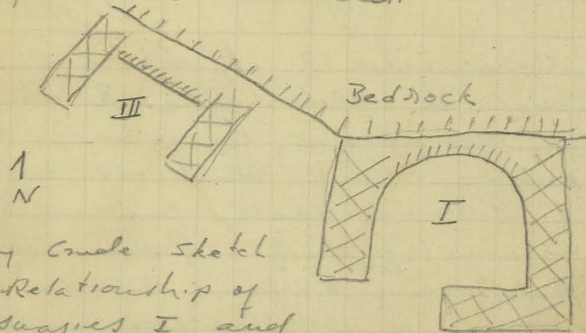
KF1-1: from below/in bottom of pebble flooring, at height 4.27 m above sea level, on west side (⊗ on figure). Pottery cylinders with 3 long diagonal broadly incised lines and one short one running the opposite direction. Length, 4.4 cm; maximum width, 2.3 cm; maximum thickness, 1.6 cm.



Kph.3

KF1-2: obsidian: 4 flakes, 2 chips.

Ossuary III: P removed bottom of another ossuary. All eroded away. 2 small bone fragments, discarded.



Very crude sketch of Relationship of Ossuaries I and III.

Ossuary IV: 10 m to the east and 5 to the north (of main plan) corner of an ossuary showing, and top of a cranium. Dirt very hard, clayish, and pebbly. Only NW corner of ossuary remained. (KF-3)



Only cranium and a few bones remained. Cranium crushed somewhat from above, with one fragment (5.47 m height) to southeast. 5 cm further to southeast, and 2 cm under surface piece of sheep (?) spinal column. 1/2 box bones.

KF1-3: obsidian: 1 flake, 1 chip.
1 pig knuckle bone

Ossuary VI: 3 m east of Ossuary I. Southern portion partially stripped away downhill by erosion. 2 skulls and many bones (of figure). Dirt hard, clayish, and pebbly. Underlying bones were several slabs tilted downward to the southwest. Only a (KF-2) very few pebbles, 2 boxes bones

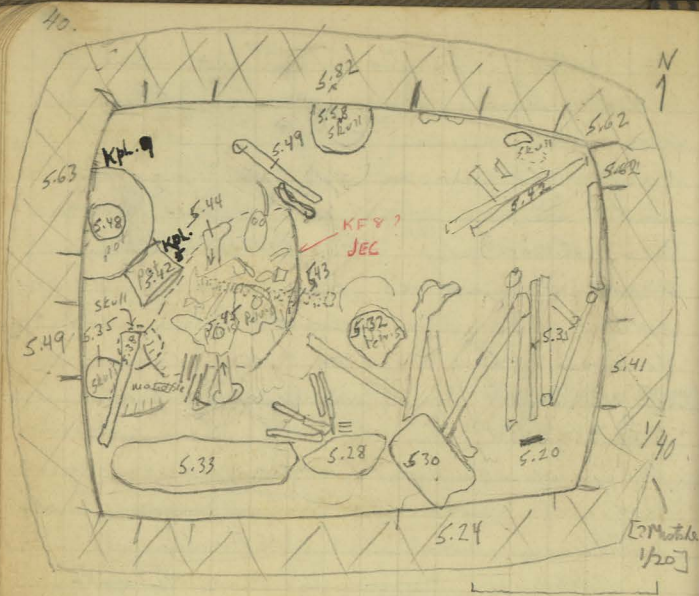


Figure : Ossuary V.
Angel, Kea 7, 8, 9a, 9b, 10, 11, 12, 12a, 12b

Ossuary V: 2 m north of Ossuary VI and 1 m east. Rectangular (wider one end), stone walled ossuary, untouched by erosion.

(KF-4): Shards and bones protruding above level of walls. They were removed in a cut separate from the lower material, for fear of being washed in from above. In northeast corner part of a cranium. As more of this cranium appeared at a lower depth (cf figure), I believe that the bones and shards can

be safely combined.

KF1-5: obsidian: 1 blade (?), 1 elongate flake

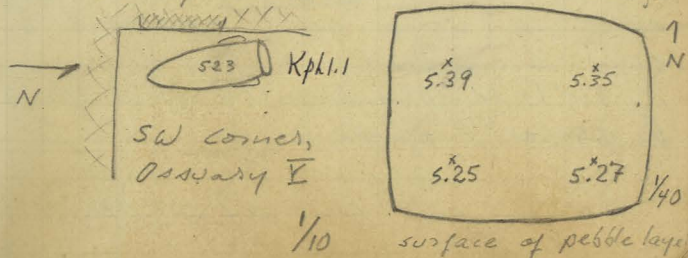
(KF-5): Bones/shards, figure 4 or 3 skulls, 3 pelvis, etc. Most long bones in se quadrant, 2 pelvis and miscellaneous bones sitting in 1/2 of pitlot in western half. Next to it on SW shield of loop-handle pot. 1/2 and 2/3 high based vessel side down to NW. Bone in poor condition. 2 animal knuckle bones in center of ossuary. Put sheep-goat. Some 1/3 jug with other bones, 1 astragalos, 1 frag maxilla.

Dirt very hard packed and clayish. Underneath a pebble layer. Among shards are several waterworn (or shaped like waterworn) shards.

KF1-6: obsidian: 1 larger blade (5.20 on figure), 3 blades, 8 flakes, 9 chips, 3 waterworn pieces.

(KF-8): Cut 3, pebbly layers.

Kpl. 1 KF1-7: marble shynon, with 2 shiny handles. 18 cm long.



KF1-8: Obsidian: 1 blade, 6 flakes (4 elongate), 2 waterworn pieces.

(10 cms)
[KF-10]: cut 4' below pebbly layer "Neolithic" looking pottery, Red and black wares.

KF1-9: Obsidian: 1 large blade/plate, 1 blade, 6 flakes, 1 chip, and 1 non-obsidian oddity.

Wells have ended. This probably is an earlier living area, cut into by the tomb. Dirt is hard and full of very small rock inclusions, brown. Kph. 7 - frag. marble vessel

(10 cms)
[KF-11]: cut 5' dirt same. Pottery similar.
Kph. 12: KF1-10: flint, cream: 3.8 cm backed blade.

KF1-11: Obsidian: 4 flakes, 3 chips, 1 waterworn piece

(10 cms)
[KF-12]: cut 6' dirt similar but has more larger (up to about 6 cm diameters) rock inclusions and a very few around 10' cms diameters.

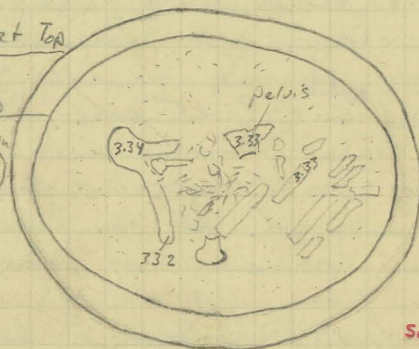
KF1-12: Obsidian: 1 thick plate, 5 flakes, 4 chips.

continued, pg 44

Ossuary VII: below Ossuary VI. Oval, stone-walled tomb (dis-used well?). 0-45 cms (2 shovels) cut to animal (?) bones is [KF-9]. Dirt damp, very loose, slightly clayish, and very dark brown. Top of oval measures 1.08 x .91 m.

Diameter at Top

Diameter
45 cms down
(1.01 x .75)



Angel,
Kia 16

Bones are too massive and pelvis too flat to be human. Bedrock reached at depth of 60 cms (3.10 m above sea level, circa). A few more scattered bones and 2 shovels (1 a handle) put in with [KF-9]

KF-13: cut 7; 10 cms. Same.

Appearance of large slab. Sample of a piece of cupric oxide.

KF-13: obsidian: 2 flakes.

KF-14: cut 8; 15 cms. Near bottom of cut several large (20-30) stones or slabs, great drop in amount of pottery.

KF-14: obsidian: 1 flake, 1 water worn piece.

KF-15 ^{Kph. b}: cut 9, 15 cms. More large stones. Some which might be part of wall left. Digging space too cramped to continue much farther, because of projecting stones from wall of cut and stones perhaps belonging to walls. Considerable concentration of pottery in NW corner.

KF-16: cut 10, 5-10 cms clearing in southeast half, 40 cms in NW corner (cf. figure). Digging impeded by large stone higher up blocking the quadrant.

Uncovered top of slab running from SW corner to $\frac{2}{3}$ up on east side. Tapped, I believe, by one corner cut stone wall along edge (middle block absent) with irregular 5-15 cms stones behind

the wall (part of these were re-used, on the belief that they like the ones in the cuts above, did not form a feature).

A small hole at edge of slab revealed that a large air space lay underneath it. I removed 40 cms of very hard packed schist and earth dirt (perhaps semi-disintegrated bed rock) in NW corner. Except for the top 5 cms it was completely sterile (nearly all of few shards in KF-16 from SE half). From this cut it was possible to see by the light of a lighter that the air space extended more than a metre eastward and 60 cms southward. No bones or shards were visible, except for 1 burnished red ware shard now in KF-16 as it is of the same type as the shards encountered since KF-10.

Obviously I should have its bottom lined with newspaper and then be filled up. Next year a larger area should be opened to properly view these earlier remains.

Thursday 27 July 1961

Kephala 9:45 AM.

P. Kalios, P. Milis

JLC, PHA E.C. Grave VIII. R. Strand.

Clean area around IX.

Immediately to the E. there is another grave, VIII

The row of stones bordering VII on the north continues E. below IX and VIII.

We are opening this area in order to dig down to the big slab under IX.

KF-17 Cleaning and surface cut, 10-15 cm deep, around IX and VIII (ground sloping sharply down to South. 2 obs: KF1-15

KF-18 Grave VIII Top 20 cm.

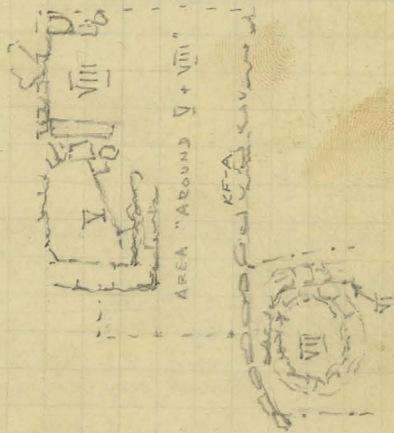
There are parts of two long bones, 20 cm. below top of N. wall. Numerous very small scraps of bone and pebbles.

KF-19 Around IX and VIII, Second cut.

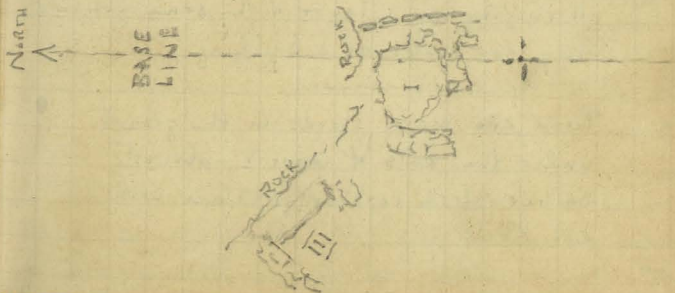
Below the standing tops of the grave walls, to the E-W row of stones on the S.

Grave VIII. Rectangular. North side 1.15 m. long (interior). West side one stone 0.70 m. long. East side, smaller stones, total ca 0.65 long. South side lost by erosion.

KF-19 includes some shards p. 48 from within wall and clay bedding.



Rough Scale 0 1 m.



of rock inclusions, and two large stones. Eastern one (5.00 m height above sea level) removed. Eastern $\frac{1}{3}$ is a sloping rock pile with many rocks of circa 20-30 cms. Cut cleared to 3-5 cms below top of rock pile, removing some smaller stones. All stones slope gently downward towards the south.

KF1-16: obsidian: 5 blades (1 backed), 1 plate.

No dirt removed above clay immediately west of west wall of V.

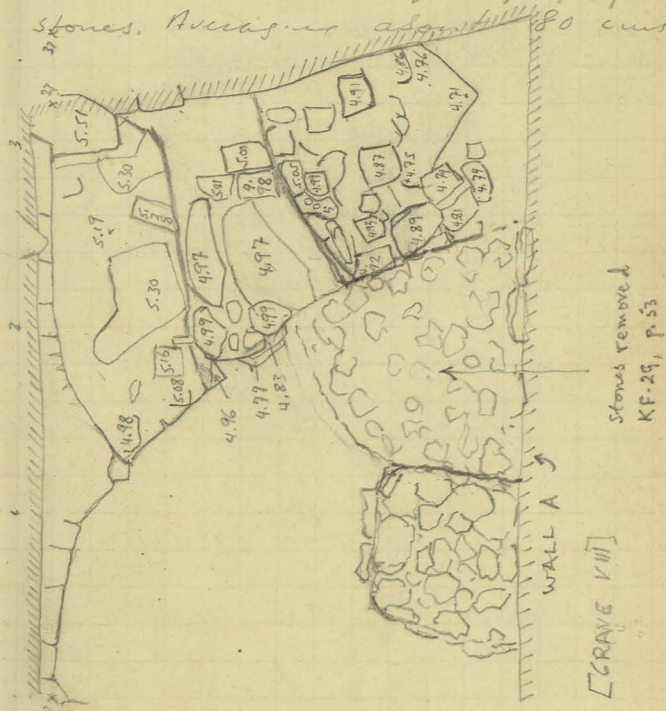
[KF-22]: Western $\frac{2}{3}$, 10. cms. Between north face of south wall and V. On southern side of "around V and VIII" lighter, clayish soil revealed the top of a wall 80 cms thick. [KF-22] removed dirt to north of wall. Still a very percentage of rock inclusions.

KF1-17: obsidian: 1 blade, 1 large flake.

28 July

[KF-23]: Shards from clearing off south wall (KF-A). KF-A is the wall, whose south facade constituted the southern limits of "around V and VIII." Although a number of

circa 20 cm stones lie further to the west in a jumbled arrangement, it apparently stops immediately west of VI/VII. The stones standing upright in a e-w line behind VI/VII, continuing the line of the south facade of KF-A, are not backed up by any stones. Averaging about 80 cms



28 July

in width, LF-A is faced on west and part of north by 20 cm blocks, enclosing 5-10-15 cm stone fill. In the east it disintegrates into an irregular collection of 5-10 cm stones, whose northern face runs ne-sw, parallel to the large slab tomb.

[KF-24]: 15 cm ^{cut} below [KF-22] on north to V, on west 40 cm ^{west} of end of LF-A, to standing slabs.

[KF-25]: 10 cm below [KF-24], except where slab tomb is encroaching, in front of V. Slab tomb will be cut led.

KF-18: Obsidian: 1 blade (certainly use, perhaps intentional retouch).

[KF-26]: Clearing off of constructed feature in east portion of "around V and VIII" and in front of VIII. The feature may best be described (but is not) as three giant steps, the upper two of large (circa 80 cm) and medium (30 cm) slabs sloping gently southward, the lower of slabs and stones, more jumbled and dropping at a steeper angle (probably top slabs removed by erosion, as steeper

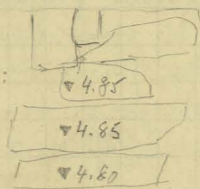
28 July

ground surface, coincident with present slope of lowest step). The west facade (oriented like ^{slab}gravel but at an odd angle with V, VIII, and standing slabs behind VI/VII) of the feature is well defined, especially in its lower portion where faced stones provide a straight line, only roughly approximated above.

[KF-27]: Removal of upper two steps, within boundaries of "around V and VIII". ^{piled carefully upon each other, loose dirt in between.} level of more than in length slabs:

KF-20: obsidian:
3 flakes

[Bottom of VIII
= Top of IX]



[KF-28] Steps with upper surface av. 4.85 removed. Shards from cut below them in lot KF-28. Note: these are in the space below Grave VIII, appreciably earlier.

[KF-29] Removal of loose stones N. of wall A - see plan, p. 51
The groups of stones on either side appear

28 July

to be separate structures with discernible edges. Obsidian: KF1.19

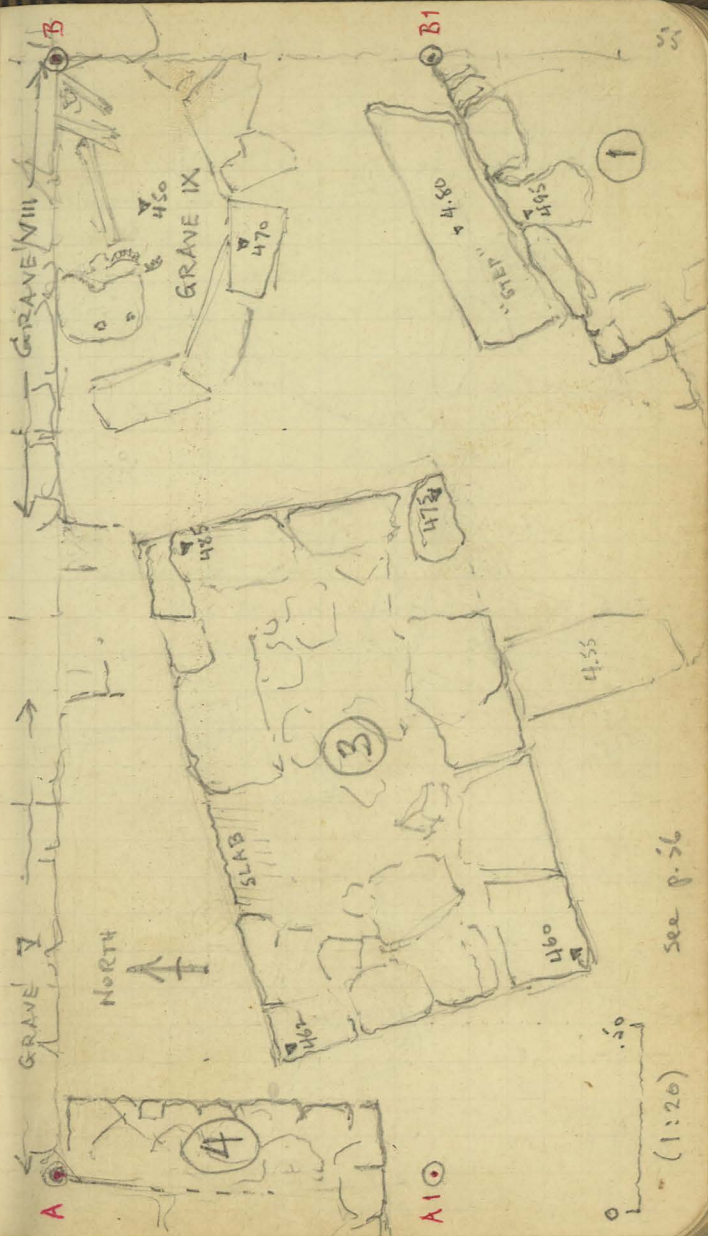
It becomes clear that we have several structures built of stone, more or less rectangular, two or more courses high. They are sketched on pp. 55, 56 - 1 sq. = 10 cm. The ones mentioned above are Nos. 1 + 2, made of small stones. No. 3, of bigger stones, lies above the big slab. No. 4 projects from the bank at the west (under the west side of Grave V). There may be another projecting South from No. 3 - big stone, top 4.55. Earth fills the joints between the stones. No sherds or bones.

Top courses of No. 2 removed.

In the NE. corner of the area, below the "steps" (Lst KF 28), there has been soft sandy red earth, with very few sherds. Under this lies

GRAVE IX partly in the area but partly covered by N and E banks.

KF-32 **Engel** skeleton resting on bed of pebbles and **KEA 17** hard incrustation. Head to west. Few only of the larger bones preserved, none of the smaller. Skull struck by point.



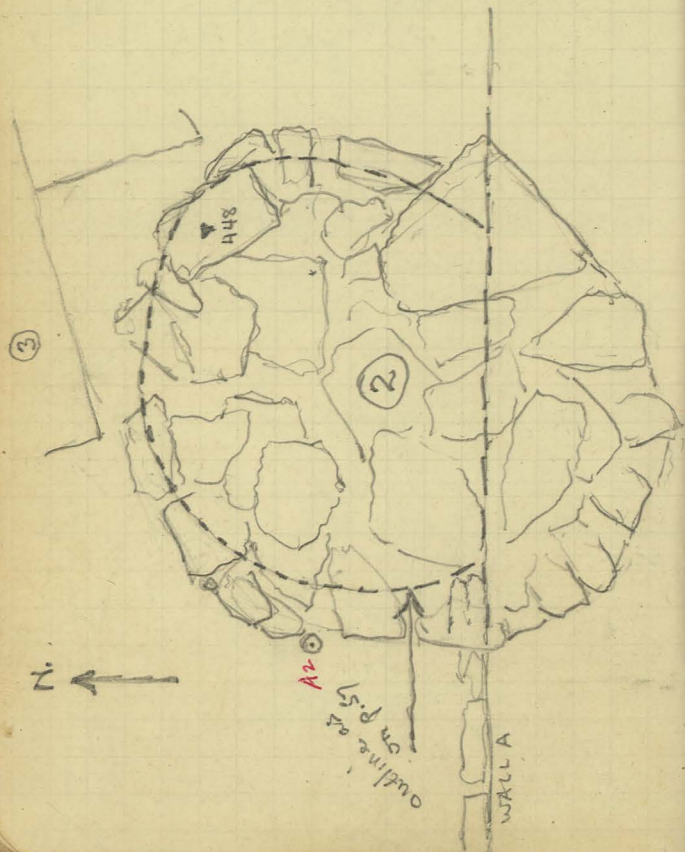
Saturday 29 July 1961

0615

P. Kahlos P. Milis

sherds KF-30

Continue removing stones of platform No. 2 (p. 57). They are set in relatively larger amounts of earth, and at random, but the whole structure is still roughly circular. At the level

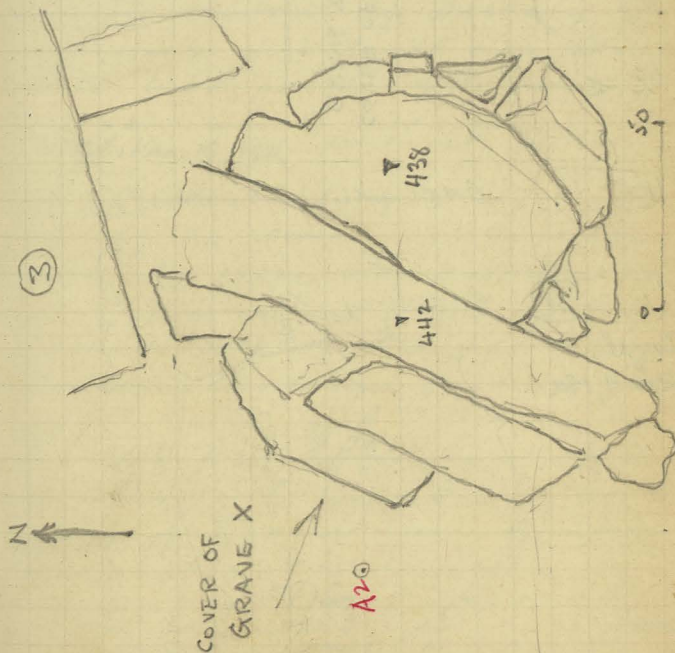


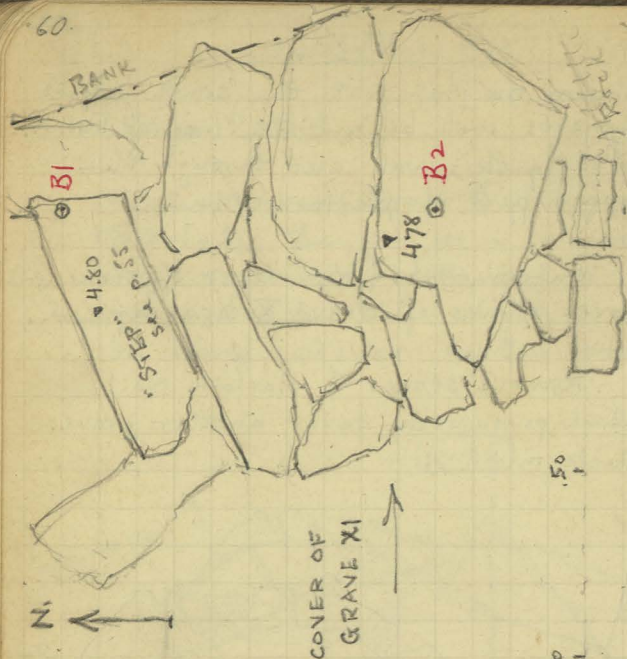
29 July

shown on plan, p. 58, the south edge projects well beyond the line of Wall A. Clearly this wall cut through the upper part of platform No. 2.

On removal of the layer of stones (p. 58) cover stones of Grave X are exposed.

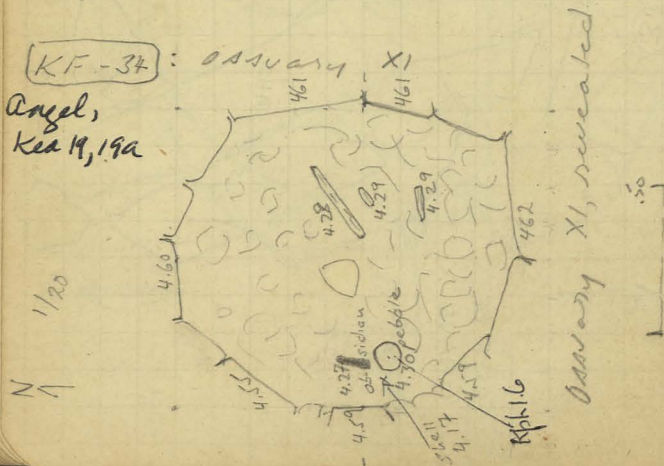
Remove stones of platform No. 1, which presumably cover another grave. Sherds in KF-31





KF-32: Ossuary 1X, contents.

(KF-34) : ossuary XI
Angel,
Kea 19, 19a



Obsvay XI emptied. Top 30
cms were soft, black dirt, under-
lain by a hard, greyish, pebbly
level upon which the few bones
were lying. On west side of os-
suary were lying a smooth, trans-
lucent, white, circular pebble (in
shards) and a 7 cm blade. ^{fragment of "direct" 1 cl.}
KFI-21: obsidian: ^{KPhi: 9} blade, 1 large
flake, 1 flake. ^{1/6}

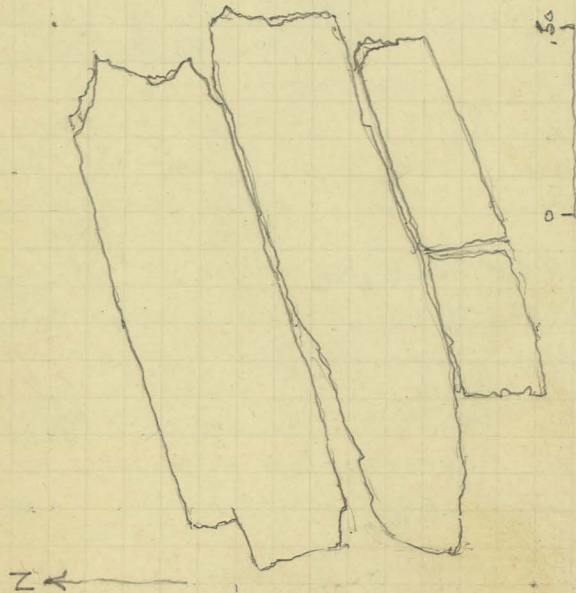
flake, 1 flake. $\frac{1}{6}$
Bottom of grave is bedrock,
somewhat disintegrated, rest
is dirt with many rock inclusions.

(KE-33): contents of Ossuary I
soft black dirt to 45 cms down.
then hard, pebbly, grey, clayish
dirt in which are bones.
Angel, Kea 18, 18a continued, pg 64

KF-35: Removal of platform 5, (pg. 56). Top small slabs underlain by large slab (dotted line, pg 56), where top slopes southward from 4.50/4.48 to 4.44 m. No grave underneath, I hope.

KF-36: few shards, level of top of ossuary X, immediately north west of X and west of slab grave. circa 4.45 height.

29 July

SLABS COVERING
GRAVE XII

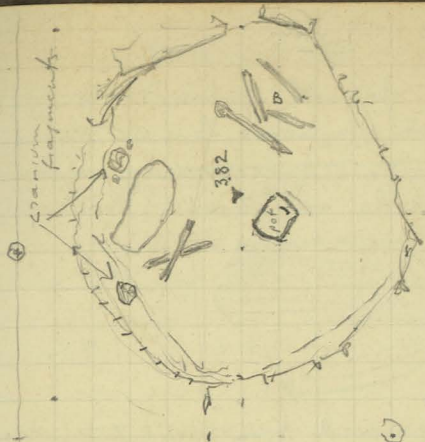
①

①

A

A1

29 July

Grave XII
under ③

④

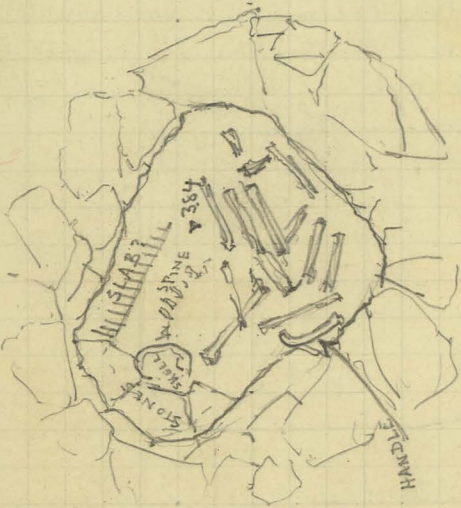
①

N

A2

0 1 50

GRAVE X



HAND

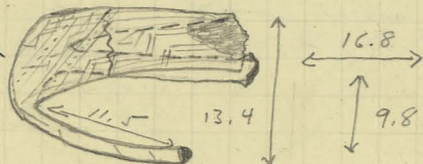
①

29 July

KF-33 Grave X cleared of bones. Plan p. 63
 @xgd, with them fragments of a TC object
 Rex 18, bearing incised decoration, a few
 18, 19a other sherds, and 3 obs. Bones in 2 boxes

KF1-23:

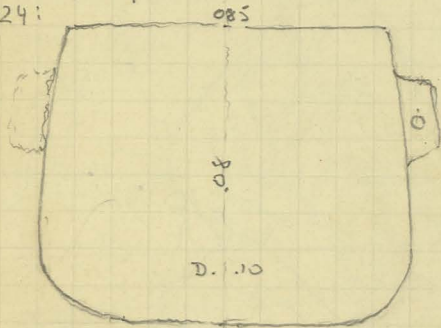
Kpl. 2
 handle?



KF-37: Slabs removed from Grave XII (under
 Angel, platform No. 3). Plan p. 29. *The
 Kex 20 grave under them seems to be
 cut out of the rock on N., built
 roughly rectangular with rounded
 corners E-S-W. It contains
 one pot

* p 55

KF1-24:



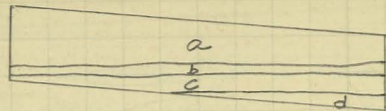
KF1-22: obsidian: 2 blades, 2
 flake, 1 water worn piece.

August 2.

Clicked out bones from XII,
 removing 8 cms of hard packed,
 clayish dirt with many small
 rock inclusions (no water worn pebbles
 in which bones were lying. Under-
 neath soft black dirt with
 a number of medium rock inclu-
 sions, 10-15 cms in diameter.

Trench A

E ←



1/100

(after C-11)

four strata, a-d, lettered from top to bottom.

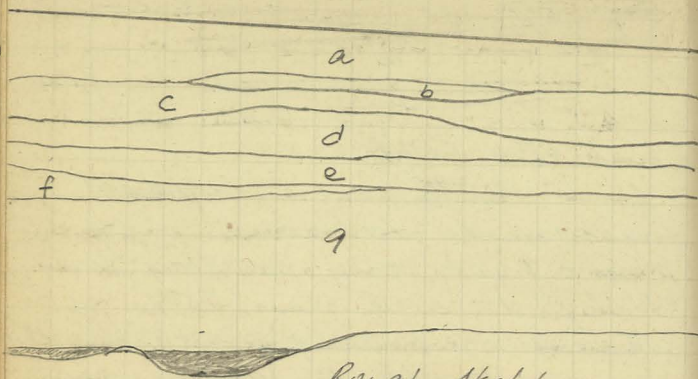
a - light gray, powdery, ^{homogeneous,} unstratified; more than 95% of .05 mm or finer grain size, inclusion usually up to 1 mm, very rarely larger. lower boundary (or lines, after Troels-Smith 1955) irregular and indistinct, heralded above by larger inclusions; it varies in east.

b - light to medium brown, nonplastic, somewhat heterogeneous, unstratified; 30% .05-.2 mm, 40% circa 2 mm, 30% circa 5 mm. lower lines reasonably level but slightly diffuse.

c - like a, but light brown, slightly coarser, and slightly plastic. lower limit distinct but very irregular.

d - medium to dark brown, rather plastic, ^{very} heterogeneous, unstratified; on the average less than 10% .05 mm or smaller, 30% .2-.5 mm, 30% 2 mm, 30% 5 mm or larger.

Trench B E ←



Rough sketch
(after C-12, but corrected) 1/50

five strata, one lens, one tongue, a-g.

a. similar to a in A. coarse between 20-25 cm below ground level at center. Overlain and underlain by finer material.

b. central lens - medium brown, rather plastic, heterogeneous, unstratified; 25% .1 mm or finer, 25% 2 mm, 50% 5 mm or larger (several of 50 mm); lower times distinct but irregular.

c. like c in A, but in its lower portion becomes much coarser with larger and more rock inclusions. diffuse and irregular lower times, buckling higher in center.

d. medium brown, non-plastic, very heterogeneous, unstratified; on average 30% .2-2.0 mm, 65% 5-10 mm, 5% larger (several of 65 mm); lower times diffuse and fairly level.

e. dark brown, non-plastic, moderately heterogeneous, unstratified; 30% 1.-2. mm, 50% 3-5 mm, 20% 5-10 mm, with occasional larger intrusions; lower times clear and fairly level.

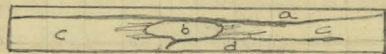
f. tongue projecting from east wall where it is 25 cm thick - brown, slightly plastic, ^{hard} homogeneous, unstratified; more than 95% .1 mm or finer, inclusions up to .3 mm.

g. to water level one thick stratum - light brown/grey, hard, slightly plastic, very heterogeneous, unstratified; 20% 1. mm or finer, 35% 5 mm, 30% 10 mm, 15% 50-150 mm (sometimes larger).

h. humid level (August 5, 1961 19:00) 25 cm above water

Trench C

E ←



1/100

(corrected drawing, after C-11)

Two strata, one lens, one tongue. a-d

a. Similar to a in A and B.

b. lens with diffuse and tongue side borders - brown/grey, non-plastic, heterogeneous, unstratified; 10% 1.0 mm or finer, 50% 5 mm, 30% 10 mm, 10% 10-25 mm.

c. from top to bottom brown to very dark brown, plastic, generally homogeneous (somewhat less so at bottom), unstratified; 40% .1 mm or finer, 50% .5-1.0 mm, 10% 1.0-3.0 mm. Clear, seasonally level upper limit. Indistinct and coarser in west.

d. tongue - medium to light brown, plastic, homogeneous, unstratified; 80% .1 mm or finer, 15% .5-1.0 mm, 5% 1.0-2.0 mm. Occasional 10 mm inclusions.

1963

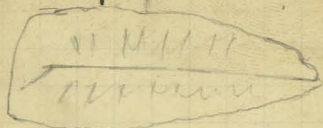
10 June 1963

6:45 A.M. - day begins with 2 workers, Panagiotis Kallias and Z. Stavaris. C. Renfrew and I set about to establish a new base-line while workers collect surface sherds and obsidian in basket. Surface material will be collected only in area to be ultimately excavated and in old dump area.

Base-line XY established. Point Y is at east, point X at west. Point Y was reestablished at 4.65 m. (cf. fig., p. 56) above sea-level. Most of future measurements will be taken with regard to this point. Points X and Y are at same height - determined by dumpy level (i.e. 4.65). Point W is slab on ^{bottom of} grave V and measures 4.89 m. above sea-level - cf. fig., p. 49. (Old height is 4.91 m). Point Z is peak of stone above grave V and measures 6.02 m. above sea-level.

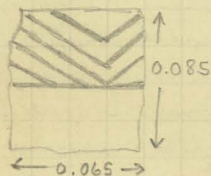
In course of cleaning operations between graves IX and XI an obsidian arrowhead was found at depth of 4.35 m., along north wall of grave XI. The arrowhead

1.1



will be given number KF 3.1.

During cleaning operations in grave I several sherds of some interest came to light. These were put in separate containers. One sherd, found at depth of 0.73 m. below top surface of north wall of grave, had very nice incised pattern just below its rim:



The incisions here are rather channeled ^{actually} than incised - quite broad and deep. Five pieces of obsidian also came from this tomb. These were kept separate and given field no. KF-3.2. The sherds from the cleaning operation in grave I were put in box and given lot no. KF-38 - $\frac{1}{3}$ box.

Another set of readings was taken along a line below cemetery and along a line above the cemetery.

a - above grave I : 5.15 m.

b - above graves VI-VII : 4.48 m.

c - above (slightly NW) of grave I : 6.29 m.

d - WSW of c : 5.80 m.

e - slightly above and W. of c, N. of a : 5.90 m.

Grave II has been re-cleared down to stone floor. Approx. size of individual stones is 0.05-0.07. There is an outcrop of bed-rock clearly visible within grave, on its southern side. Stone floor is ca. 0.50 below upper surface of top course of grave wall.

Grave I was cleared down to stone floor, ca. 0.70-0.80 below upper course of walls at north and south. About 0.20 above floor of this grave larger stones can be seen to project

in many places up to 0.20 beyond interior face of grave walls. These stones may not belong to grave I.

Grave VII was cleared to depth of 0.50, i. e. ca. 3.85 above sea-level. North wall of grave is not built but rather rock-cut. The plan of this grave, unlike that of graves I and II, is rather rectangular than circular. Floor is of stone or pebbles, not on bed-rock.

Grave IX was cleared as best as possible. Floor seems to be cut from bed-rock - at south wall floor lies 0.30 below top course of this wall. Floor slopes noticeably from north to south. South wall is only wall which has been exposed. Half of the tomb clearly remains to be excavated.

It seems clear from an examination of "wall AB" above grave IX that this is not in fact a wall, but rather seems to be debris from graves VIII and IX. This is due to the fact that the 1961 excavations cut through a section of these graves. The western extremity of "wall AB" most likely served as No. wall of grave V.

The dump area of 1961 excavations was moved 1.00 m. further south, thus exposing a good bit of bed-rock in front of (i. e. So. of) graves X-XI. The slope and general appearance of this rock seems to correspond to that of the rock north of and above graves I and VIII. Thus, the main portion of the cemetery may have been carved out of bed-rock, forming a hollow in which the graves were erected.

Grave VII cleaned down ca. 0.60 below upper course of walls, i. e. ca. 3.15 below sea-level. Floor of grave is formed by bed-rock which slopes slightly from So. to No. "Wall A" above and to north of grave VII is still visible to length of ca. 2.20 m. It is composed of 7 thin vertical slabs (ca. 0.30 wide x 0.35 high x 0.08 thick), of irregular shape. Below this wall and above grave VII ca. 0.60 depth of debris is clearly visible in scarp.

Grave I cleaned down to depth of 0.80 below ^{top of} N. wall and 0.50 below top of S. wall. Floor is at least partially founded on bed-rock which slopes from N → S. North wall is bed-rock from floor to 0.55 - above this are 2 or 3 courses of smaller stones (0.25 high).

Shape of grave is rather rectangular and walls are ca. 0.35 thick.

Some clearing was done in area of grave III but nothing can be said with certainty about the nature of this grave until clearing is completed.

11 June 63 (Tues.)

6:30 - work begins with same 2 men. Previous years' photos of all work at Kephala entered in rear of this book. This record will be maintained as new photos are taken this year.

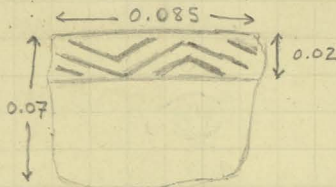
Drawing of plans and sections of graves begun by C. Renfrew and T. Jacobson while workers finish the clearing of last year's dump area.

In course of clearing of dump in area south of grave VI/VII remains of what seem to be another grave were found. The partial outline of this grave becomes clear at dist. of ca. 0.30 south of VI-VII. Remains of skull visible in grave. The excavation of this grave will be postponed until dump is cleared.

Sketch of wall running E-W found WSW of grave I. Length of wall as

now visible is ca. 1.80 m. (wall E)

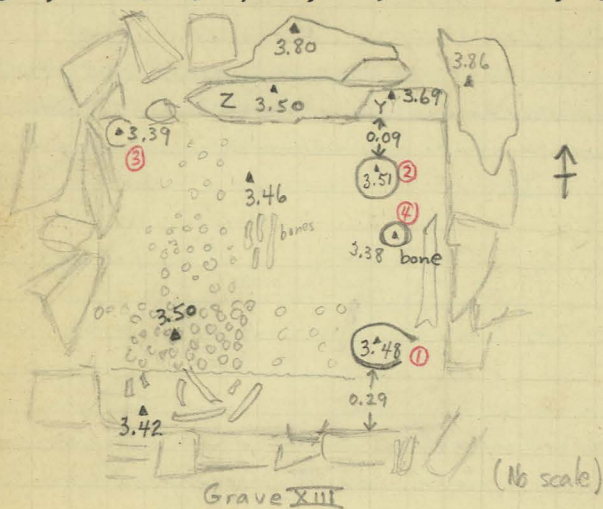
In clearing around the new "grave" mentioned on p. 76 a large rim frag. with incised decoration was found. It looks now as if we can call this structure grave XIII.



Below incised frieze on this sherd is a raised band. Slight traces of black burnishing on this sherd. Sherd found just outside west wall of grave XIII.

Grave XIII has been more completely cleared, exposing all 4 walls, a pebble floor and 2 skulls and smaller bones. A measurement taken on stone on E. wall at NE corner is 3.86 m. above sea-level. Level of stone in N. wall of grave is 3.80 m. There is a fragmentary skull ⁽¹⁾ along E. wall near SE corner - this seems to be above the pebble floor. In the NE corner of grave, buried mostly below level of pebble floor is another skull ⁽²⁾. Pebble floor is not preserved throughout whole grave - only towards south wall. Below level of pebble floor - between it and So. wall - is another

collection of bones (no skull).
Angel, Kea 21, 22, 23, 23a, 23b, 24, 25, 26, 27, 28, 29



The level given on SE skull is from within skull, not from its highest preserved part. Height of NE skull is from top of skull, i.e. from highest preserved point. All pottery from above pebble floor will be put in container marked (KF-39).

Depth: 3.80 - 3.45

Shards from surface cleaning around grave XIII were put in one container and given number (KF-40). Included in this lot was shard discussed on p. 77.

Obsidian frags from surface and just below in area of and just below grave I given no. KF-3.3. Shards from

same area given no. (KF-41).

upper surface of
Piece of shell found below pebble floor in S. half of grave XIII. Depth of ca. 3.47 m. This may well have served as some kind of grave-offering. KF-3.4.
(KF-39)

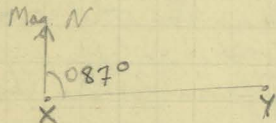
It was found that the pebble floor in grave XIII continued down another 0.03 at least. As a result, the remains in (KF-39) included material from within the floor.

The area directly over (i.e. vertically above) platform ④ and behind little niche dug last year was partially examined today. The sherds from depth of 5.84 - 5.23 were put in one basket and given no. (KF-42). (10% basket). See elevation on p. 81.

③
Fragments of skull and few small bones were unearthed in NW corner of XIII below level of pebble floor, though floor itself did not reach this point. These bones and skull seem to be those of a young child. The area in which these remains were found was not completely examined today but will be finished tomorrow. No field or lot number yet.

Points A and B established on plan as was the grid peg N40/W40

(see notebook X, p. 1). A compass bearing confirmed that the grid north of the grid to which above peg belongs is in alignment of magnetic north. A compass bearing of the point Y of base-line referred to on page 71 above was taken from point X. Point Y is 087° from X.



C. Kenfrew is drawing a measured sketch plan of entire cemetery as it is now known. The primary objective to represent the plan and relative position of the various graves. In general, only the top course of the walls of these graves will be drawn. It will be impossible to represent superstructures (e.g. platform ③) on this plan. However, the lines along which sections will be drawn are to be included on this plan.

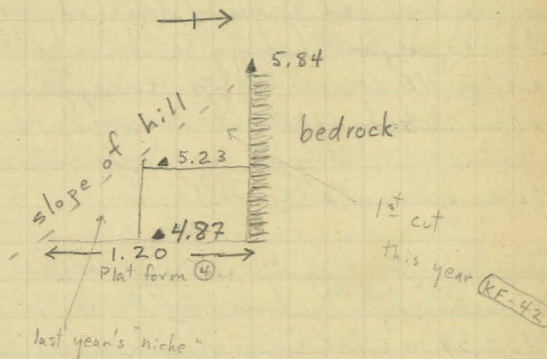
Sections of each of the graves will be drawn by T. Jacobson on a N-S line as seen from the west.

12 June 63 (Wed)

6:30 A.M. - work begins with same men as yesterday.

Skull fragments from SE corner of grave XIII and large bone from near east wall (cf. fig., p. 78) put into separate container. These will be part of (KF-39). Also included in this container will be the fragmentary bones from roughly center of grave - these belong to same level as others.

and small boxes
The cranium frags from NW corner of grave lie at depth of 3.39 m. These will be kept in separate container from above and will be part of (KF-43).



Area above Platform ④ - elevation

The child's bones from the NW corner of the tomb lie considerably beneath the lower surface of thin (0.03) slab marked Z on plan, p. 78. This slab does not seem to be ^{part of} the back wall of this grave, at least in its original construction. Panagiotis suggests that it is a fallen stone, but its close connection with stone Y suggests that it may rather have been placed there intentionally - perhaps in a later re-use of this grave. Small stones peaking out from beneath stone Z suggest that Z may have been placed upon a pebble floor.

Large number of bones found below level of pebble floor in XIII. However, the arrangement of these does not give any definite indication as regards the position of the body at time of burial. These bones may well belong to the skull lying in the NE corner of grave - apparently same level. These bones and skull were removed and put in separate container. They belong to (KF-43).

Fragments of another ^④ skull found along E. wall, just south of "NE skull" at depth of 3.38 m. These fragments will be kept separate. Fragments of teeth also found in conjunction with this skull. This skull will be referred to as the "E. skull."

Bones found, ^{directly} under "SE skull" (cf. p. 81), put into container belonging to (KF-43). It is difficult to say whether these bones - found at a different level - belong to SE skull or to skull found just north of them at approx. same level.

Skull in NE corner of XIII removed in toto from grave. It was taken up with the earth from beneath it. It is still quite difficult to say whether this skull is complete - it looks rather like it is not complete, however. The bottom of this skull lay at depth of 3.39 m.

It was decided to clean up around No. wall of XIII. Obsidian frags found at depth of 3.80 - 3.50 in this area. (KF-3.5.) Cleaning here has in fact indicated that stones Z and Y are not in fact part of north wall of grave. The remains of this wall can be seen 0.16 m. north of the No. face of stone Z, under sur 3.80 m. leveling stone. Stones Z and Y, however, do seem to be more than fallen stones, due particularly to their apparently careful placement. Could Z have been used as "pillow" ^(cf. grave III) for the dead? These stones will be removed in order to get idea of plan of tomb, but first a photo will be taken of them in situ (Black-white, roll I, # 25).

At level of 3.38 in XIII more very small stones appear south of stone Z. This may be part of another pebble floor at lower level than that mentioned above.

Clearing above platform ④ has reached level of 4.97 m. It is still uncertain as to whether ④ is in fact a platform; some (though few) bones have been unearthed in area above ④ but there are no architectural indications that there was a grave here.

The pebble layers noted above, and noted under stone Z seem now to ^{be} one and the same — hence ca. 0.05 thick. It is not clear whether these are in fact related to first mentioned pebble floor.

Obsidian arrow head found at depth of 4.98 m. in area above "platform ④".

1.1



Kph 3.2

Given no. KF-3.6. (KF-44)

Fragments of what seem to be a 5th ⁽⁵⁾ skull from XIII are beginning to appear beneath point where NE skull was found. New skull will be called "NE #2".

The pebble floor mentioned on p. 84 seems to stop by depth of 3.38 m. Hence new container will be used for material from this point down in grave XIII — (KF-45). So (KF-43) runs from 3.45 - 3.38.

Area over platform ④ has reached level of 4.87 and we still have not been able to locate the complete top of platform ④. As a matter of fact, it is beginning to look more and more as if there was no platform here. The So. wall of the "platform" is rather beginning to look like a separate wall. It was decided to clear this area further to the west in order to find out what is exactly happening here. Obsidian frogs from lot (KF-44) given no. KF-3.7.

The material in (KF-44) comes from area ca. 0.90 wide above "platform ④", roughly 0.90 west of west wall of grave I. (cf. elevation, p. 81). This area is being extended further westward and the material from here will be included in (KF-46).

In cleaning edge of scarp below W. wall of grave I and above "platform ④" 5 small sherds and one shell came to light. The layer between these 2 structures measures from 5.17 to 5.04. The sherds and shell

from this layer will be put in separate container (KF-47) and should again be considered when examining remains from same general area after wall of I is taken out.

In first pass of (KF-45) in grave XIII it has become clear that the pebble floor stopped at end of (KF-43). A reasonably well preserved portion of rib bones lie at depth of 3.32 along So. wall of grave. Towards the back (No.) wall of same grave stones larger than pebbles appear. These may represent the original floor of grave, as we have seen in other graves. Photo #26 (B-W, Roll I) taken of this (i.e. 3.32) stage of the grave. At same depth and in same place as the above rib bones were found a large bone with teeth which C. Renfrew believed to have belonged to a sheep or a goat. The mixture of human and animal bones in this grave is extremely interesting. (cf. p. 88)

At depth of 3.28 - 3.30 in grave XIII larger stones become fully visible over whole floor of grave. Some stones are large as $0.05 \times 0.10 \times 0.15$. Photo #17 (color roll #1) taken at this level from south. All the stones will now be removed in order to see if this is in fact the

original floor of the grave. One stone removed from this floor measured ca. $0.10 \times 0.20 \times 0.25$ m. Other stones nearly as large. No pebbles.

At depth of 3.26 in grave XIII frags. of a small, thin-boned skull ⁽⁶⁾ now is being exposed. This appears to be smaller than NE skull #2. The importance of this latest skull is that it clearly lies under the level of the large stone level. At depth of 3.25 another, larger skull ⁽⁷⁾ is becoming exposed, again obviously under the stone level. Skull #6 lies next to (So. of) #5. Skull #7 lies next to (W. of) #5.

Because so many skulls have been found in grave XIII it has become necessary to number each of them in order to keep their locations clear. This will be done in red.

Skulls nos. 5-7 were all found in little cluster in NE corner of grave within area 0.45 from No. wall and 0.37 from east wall.

Fragments of another skull (#8) found at depth of 3.29 m. along W. wall of XIII.

All the measurements on skulls reported on this page are from top of skull.

Fragments of still another skull uncovered in NW corner of grave XIII. This will be given no. 9! Top of cranium lies at depth of 3.25 m.

Rib bones mentioned on p. 86 were about 8 in number and found in their correct natural position. This is the first certain indication that this grave was used as a burial and not simply as an ossuary. On the other hand, we have not found all the bones corresponding to our 9 skulls.

Only shells so far discovered in cemetery, aside from that found below W. wall of I (cf. pp. 85-6), are in graves XIII and XL.

In cleaning remaining walls of grave I it was observed that white clay lies between and beneath the stones in the walls themselves. This has also been noticed in grave I and perhaps grave XIII. It is not as yet clear as to whether this sort of clay is used in the circular graves.

An index of plans and drawings is included at rear of this volume.

Drawings completed today: section of grave I, section of remaining portions of grave I and reconstructed sections through graves V, X, XII (section KL) and VIII, IX, XI (MN). The last two sections were drawn largely from notebook sketches and omission therein were completed by plausible guesses. (Platform ⑤ is not cut by these sections.)

13 June 63 (Thurs.)

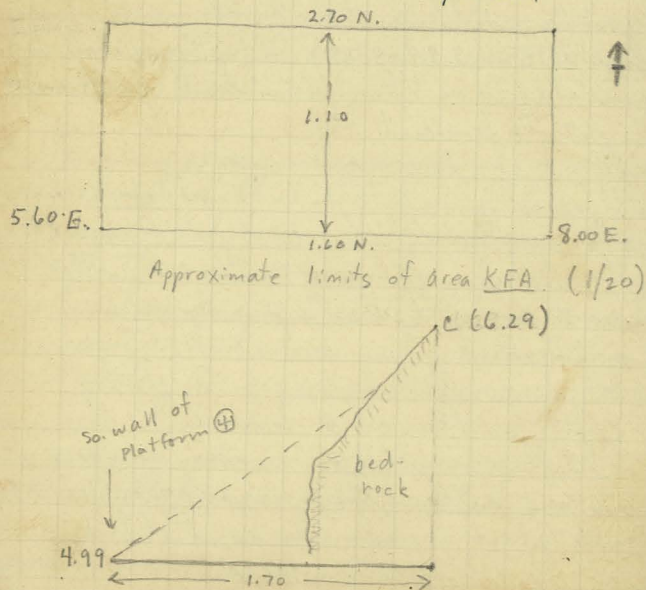
6:30 - work begins with same men as yesterday.

Skulls 6-9 clearly lie beneath above mentioned large stone floor while skull 5 (3.34-3.28) lay at approximately same level as this floor but protruded slightly above it.

Little more has been revealed of the nature of platform ④ by the excavation included in (KF-46). Obsidian collected from this cut (5.82-4.99) has been bagged and given no. KF-3.8. Therefore it has been decided to extend the digging in this area further to the west. An area of excavation will be laid out with reference to base-line XY in effort to have a controlled area of excavation here. The westward

extent of (KF-46) was ca. 8.00 m. east of point X, 1.60 m. north of line XY. The new area to be dug - (KF-48) - will extend westward from this point to a point where bed rock appears, ca. 5.60 m. east of X and still 1.60 m. north of XY. This new area will be called KFA and will be bounded on north by bedrock, on south by line (= supposed So. wall of platform ④) 1.60 m. north of XY, on east by bedrock (8.00 E. of X) and on west by end of (KF-48), i. e. ca. 5.60 m. east of X. Northern boundary (= bedrock) is ca. 2.70 north of XY (at stone d).

KF-3.74 TC Polisher. Kph 3.17



The section on p. 90 of area above "platform ④" at point C represents the extent of excavation there. This general breadth will try to be maintained in area KFA.

At depth of 3.30 in grave XIII bones are clearly visible throughout grave. (KF-45) will be discontinued at this level. This means that skull #5 will be included in (KF-45). Skulls 6-9 and other bones on floor will be included in new lot (KF-49).

Photo (B.W.I, #30) taken of XIII at this stage - skulls 5-9 in situ and bones throughout grave.

In digging out skulls 5-9 Panagiotis says that he sees suggestions of a sand layer below the level being dug. This will not be fully clear until further clearing has been done. Sand layer does seem now to exist. Its upper level is at 3.22 m. Its depth is not clear but should be ca. 0.02 m. Regular earth again appears below the sand.

At depth of ca. 3.21 m. a roughly circular thin slab of schist was found in SW corner of grave. Pithos lid? Head-rest? This object measures 0.18 in greatest preserved diameter. (KF-3.9)

Below the sand and earth layers bedrock finally appears in Grave XIII. Level of bedrock in this grave is 3.19 m. against W. wall, 3.14 m. against E. wall, 3.16 m. against N. wall and 3.14 m. against S. wall.

Walls of grave XIII are built right up from bedrock. It is also very important to note that we have what looks very much like a provision for a doorway in the center of the south wall of XIII. Unfortunately the upper courses of the south wall have been greatly eroded away. We have only one course at the level of the "jambs". The W. jamb is so significant because it is one slab stretching N-S through thickness of wall, whereas all ^{other} stones in wall run E-W. This is also true of E. jamb, though it is only partially preserved. Width of doorway is 0.45 m.

Now that interior of grave has been cleared to bedrock, Paraghiotis will clear out fill in front of south wall and doorway, outside grave (KF-50) 0-0.20 below level of doorway.

Obsidian from last cut in grave XIII (KF-49) put in bag and numbered KF-3.10.

Having now cleaned out grave XIII Paraghiotis was transferred to area north of wall A and south of south wall of "platform (4)". This area extends from 8.00 m. east of point X to 10.00 m. east of X. Maximum height is 5.14 m. At depth of 5.10 m. ^{like} a small fragment of what looks ^{like} bronze was found. This was bagged and given no. ^{KPL3-15} KF-3.11. The bronze frag. found 8.50 E. of X and 1.00 m. N. of XY. New area called KFB. (cf. p. 103)

A circular stone smoothed on both sides found in KFA at depth of 5.99. Found 9.20 m. east of X and 3.00 m. north of XY. Max. diam. - ca. 0.09 m. KF-3.12. ^{KPL3.3}

At depth of 4.93 m. in area KFB two TC joining frags. found which may belong to a figurine. The whole seems to be complete but it is difficult at the moment to determine the nature of the figurine. Max. hght. - 0.075; max. width - 0.05. This object was found 9.00 m. E. of X and 1.00 m. north of XY. Given no. KF-3.13. ^{KPL3.12} (KF-51)

The complete clearing of grave XIII has indicated the possible existence of corbelling in this grave - on the N. and W. walls, but not on east (the south is

not sufficiently preserved). The corbelling is seen only in roughly the top 3 courses. This feature should become more clear from a sectional drawing. The walls remaining in grave I from the excavations of 1961 (i.e. the north and west walls) also suggest the use of corbelling (cf. section E-5). No traces of corbelling are readily apparent in the circular graves thus far excavated (viz. VII, VIII, XI).

14 June 63 (Fri.)

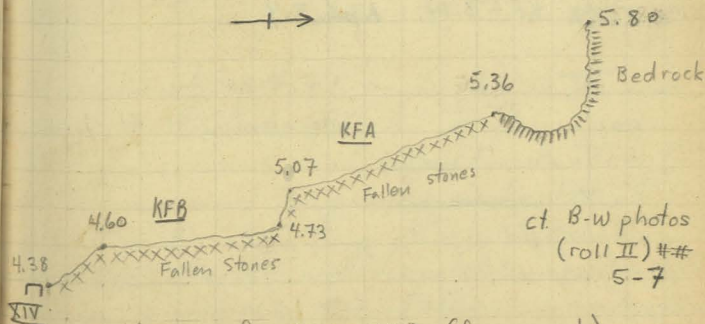
6:30 AM - work begins. Two old workers joined by Nikos Mavromatis. Nikos will start to clean grave I down to bedrock as his first job. KF-52 JEC

Panaghiotis has uncovered what looks like 2 walls in area KFB. The most westerly wall runs in a roughly N-S line while the most easterly runs in a NW-SE line. This may well be another grave. It lies between wall A and platform ④. We have chosen not to excavate it further at the moment in order to examine the area adjacent to it to the west (still in KFB).

At the W. ends of areas KFA and KFB many stones of various sizes are visible. They look rather as if they are fallen for there is at the moment no intelligible architectural arrangement. Panaghiotis will extend KFB down slope to area immediately west of graves VI-VII. At dist. of ^(i.e. 7.20 E. of X) 1.10 m, directly west of VI-VII stones are beginning to appear to be in some kind of architectural arrangement - may well be a new grave. The west wall of this "grave" lies ca. 0.85 directly east of grave I. This new grave will be referred to as XIV.

Measurements from point d southward:

Dist. So. of d	Hght.
0 - d	5.80
0.45 - rock begins	5.36
1.40	5.07
1.45	4.73
2.60	4.60
2.85 - north wall of grave XIV.	4.38

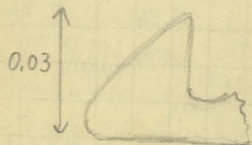


Section of KFA, KFB (from east)

Panagiotis will examine what appeared to be a grave in area KFB. If this is a grave it will be called number XV. A new container - (KF-53) - will be used for the finds from this area.

at depth of 3.50 in grave I there are traces of larger stones particularly in W. half of grave. Looks as if there may be a floor level here.

In KFB, at depth of ca. 4.75 m., in area tentatively referred to as "grave XV", a small terracotta object of uncertain function was found. Upon first glance it looks like a lug handle, but after close inspection it is clearly an object unto itself. Though fragmentary, it seems to once have had a flat circular base. From this rises the "lug" - perhaps there was a similar lug on opposite side. Preserved diam. of base is 0.045-0.05. Given number KF-3.14. Kph 3.9



Side elevation of KF-3.14

This object ^{might} well have been a handle later used as a polishing or burnishing instrument.

It was decided to dig in front ^{of} (i.e. So. of) south wall of grave I in order to determine not only the depth of this wall but to see if there may have been a pre-existing grave under this wall. The finds from this area will be (KF-54).

Grave XV finally appears - covered with large stones (top of which is 4.78) under which are thin cover slabs (top of which is 4.69). The cover slabs will be saved. Photo # 8 (BW roll II) taken with lower and upper slabs partially in situ. The large stones were laid on a layer of earth (ca. 2-3 cms. thick) which overlay the thin cover slabs.

At depth of 4.55 just outside NE corner of grave I was found a small piece of what seems to be shaped plaster. One side of this is perfectly flat. Its use is impossible to determine at the moment. (KF-51)? Given field no. KF-3.15. Kph 3.10

At depth of ca. 4.71 over Grave XV was found a heavy clay base presumably of a pot. Base has circular bottom with inward tapering sides that flare out near top. Diam. at bottom is: 0.05. Preserved height is ca. 0.04. Given field no. KF-3.16. Base put back into lot (KF-53).

Cover slabs removed from grave XV. It is a tiny built grave - for a pythos? The remains from grave will be put in separate containers - (KF-55). Three fairly ~~off~~ large stones, apparently fallen, lie near top of grave. Their bottoms come at level of ca. 4.36 (ca. 0.30 below upper course of south wall of grave). Earth from upper 30 cms. of grave is soft, fine with a few small pebbles.

Obsidian frags. from (KF-53) above grave XV put into envelope and given no. KF-3.17. Obsidian frags. from (KF-48), area KFA, given no. KF-3.18.

at depth of 4.36 - 4.31 in grave XV level of stone slabs reached. This may be floor. Will change containers here - tomorrow.

At depth of 4.35 in KFB, 1.10 east of grave I an extremely unusual TC object found. It is elliptical in shape, with sunken bottom and hole at one end. Max. length is 0.07, max. width 0.045. Each of top sides slopes upward to center while there is a flange-like arrangement at back. No parallel at all known. KF 3.19 Kph 3.8

(C)
Wall to east of grave XV (cf. p. 94) curves and overlaps in part platform ④. Because grave XV seems to be contemporaneous

and intimately connected with this wall it is probably later than platform ④.

Excavations in the W. end of areas KFA and KFB revealed what must be a wall made of comparatively small stones running in an approx. NE-SW direction, just south of bedrock. Ave. width of wall is ca. 0.60 m. Wall ends at west at bedrock near NE corner of grave I. As preserved, wall runs ^{ca.} from 6.00 to 8.60 E. of X. At east end, it is ca. 2.30 north of XY, at west end, 1.60 north of XY. The 2 walls in KFB, mentioned on p. 94, meet the south face of this wall. They seem to be bonded in. This wall will be referred to in the future as wall B.

Curving wall east of grave XV, which meets wall A[?] at its (i.e. A) eastern end, will be referred to as wall C. The wall to the west of grave XV, which also meets wall B, will be called wall D.

There is an arrangement of stone slabs no. of grave XV, between walls C and D, under which one might look for another grave.

There is also the possibility, though unlikely in view of the above observations, that wall C is the west end of platform ④. Likewise, wall D may be the east end

of another arrangement which may be a platform in KFB. This platform, the upper surface of which is composed of irregularly shaped stones, is hardly - if it is in fact a platform - of the sophistication of platform ④ or ③.

15 June 63 (Sat.)

6:30 - work begins with same 3 men as yesterday.

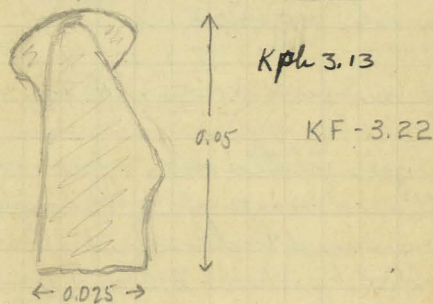
The area east of grave XV will be cleared. This area is bounded on south by wall A, on north by wall C and on the west by grave XV. A new container will be used. (KF-56) 4.62-4.14

At depth of ca. 4.55 in above area a fragment of what was perhaps a TC figurine was unearthed. Found 0.15 east of wall A. This frag. is very vague but has a projection which may have represented a nose or phallus. Max. length is 0.055; max. thickness is 0.03. KF-3.20. Kph 3.11

Area in front of and within "grave XIV" is now being examined. Separate container will be used - (KF-57). Depth: 4.05-3.55. Also along E. side of this grave. It is still not certain that XIV is in fact a grave. The excavation here reaches to 0.30 of grave VII.

At depth of 3.60 in front of grave XIV was found a fine large obsidian blade. This will be kept separate from other obsidian from same area. It is 0.075 long and 0.02 in max. width. KF-3.21. Kph 3.16

At depth of ca. 4.40 in area east of grave XV, 0.08 No. of No. face of wall A, was just found a terracotta object very much resembling a head of a Cycladic idol! The only problem in such an identification is a slight protuberance at back of head. The one on front could well be a nose. How important this could be!!



Side view of "head"

The clearing over platform ④ (KFA) has progressed to the stage where it is regrettably necessary to take out the west wall of grave I. However, this should greatly clarify the nature of platform ④. Remains from directly over ④ will be in lot (KF-59).

The work in area east of XV has now necessitated the taking out of the E. end of wall C. A stone level was reached at level of 4.14 m. in the original work. The new area to be cleaned - the E. end of wall C and the ^{small} area between C and S. edge of platform (4) - will be put in separate container, (KF-58). The obsidian from (KF-56) will be bagged and given field no. KF-3.23.

Area over platform (4) cleaned down to level of top of platform, 5.00 m. The obsidian from this lot, (KF-59), will be given no. KF-3.25.

Obsidian from (KF-58), 4.70 - 4.10: KF-3.24

Having completed area of wall C and small area north of it, Panagiotis will proceed to clean out small area bounded by walls B, C and D, north of grave XV. This will be (KF-60).

Nikoe has begun to clean out area between wall B and bedrock north of it. This will include the taking out of wall B itself. The area here under consideration is old area KFA, west of platform (4). This will now be (KF-61).

In clearing around "grave XIV" Francis came upon a small space north of wall A and south of south wall of grave XV. The remains from this area will be kept separate - (KF-62).

Basket for KFB now completed - (KF-51). It includes material largely from surface (0-0.20 deep) cut in this area. It was, however, difficult to measure because of the definite slope of the hill here. Obsidian from this lot: KF-3.26.

It now looks as if another grave - to be called XVI - has been found in small area north of grave XV. Belongs to (KF-60), ct. p. 102. (KF-60) was returned and new container will be used for grave itself, (KF-63). The grave seems to be confined to north portion of this small area, its S. limits being formed by a rather large stone projecting above surface of first cut. The earth of the grave was soft and without stones, that south of large stone (outside grave) was quite stoney. Fragments of what may be a child's skull have also been found in XVI. Since XVI lies between walls C and D, it would seem to be later than platform (4) and platform (6) (to the west).

The removal of wall D. has revealed immediately below it the eastern edge of what seems to be a platform whose western edge is already clear, ca. 1.40 to the west. This will tentatively be referred to as platform C. Wall D may in fact have been only the top course of the E. edge of platform C. The south edge of platform C is now emerging just north of grave XIV. On removing the irregular top courses of wall B north of platform C more regular courses of wall B are revealed and it is not yet clear how platform C relates to wall B.

West of platform C there is another area of stones extending to grave I; its nature is not yet clear.

Removal of SE part of wall C has exposed stones at a lower level (ca. 4.30) which may well be top of a further platform. It is significant that wall A seems to rest on this supposed platform, thus suggesting that A is of later date. This would imply that grave VI, south of wall A, is also later than the supposed platform.

In the space north of A and south of grave XV - (KF-62) - part of the skull

of what seems to have been a goat was found. This is one of the few examples of certain animal bones so far discovered, although part of the jaw - probably of a sheep - was found in grave XIV (ct. p. 86).

17 June 63 (Mon.)

6:30 - work begins with same 3 workmen as last week.

At depth of 4.75 in grave XVI bits of a child's skull have begun to be found. No trace yet of the whole cranium, only small fragments.

In preparation for taking out the last remaining stretch of wall A above graves VI-VII, the immediate areas on both sides of the wall are being cleared. The remains from the area of wall A will be put in separate container - (KF-64).

Lat (KF-62) completed (4.62-4.32). Abidean from this area put in bag and given field number of KF-3.27.

At depth of 4.38 m. in grave XVI bedrock was reached. This grave was extremely poor in terms of grave finds - about $\frac{1}{2}$ of a large brown box of sherds plus the few bits of a child's skull mentioned above.

and a very few small bones. Thus, this grave was of one period use, apparently for the burial of one child.

at depth of 4.34 in area east of platform ⑦, south of platform ④ and north of wall A lay a stone ca. 0.20×0.25 (depth from top of stone). Immediately below this stone are the fragments of a large vase, perhaps a pithos. Stone is 0.05 thick and directly below it, at depth of 4.29, the frags. of the pot become visible. This will be tentatively called called grave XVII.

Now that graves XV and XVI have been drawn we have set about to take them out and clear out the area completely. The remains from here will be (KF-65).

The material from the clearing in the area immediately around grave XVII will be put in (KF-66), the grave itself in (KF-67).
(Angel, Kea 29a (i.e. the pot))

The fact that wall A, now taken out, lay above the So. wall of platform ⑦, makes it clear that A was later than ⑦. It also seems certain, as suggested by the 1961 excavations, that A is later than grave X. The exact relationship, however, between A and grave VI is still uncertain.

Area of graves XV-XVI cleaned down to depth of 4.25 m., exposing SW corner of platform ④ and east flank of platform ⑥. The balance of wall B now taken out. Also exposed are 2 fairly large slabs at west end of platform ⑦ - may be cover slabs of grave or part of platform ⑦. Obsidian from this lot - (KF-65) - given no. KF-3.28.

Area of grave XVII cleared down to bottom of pithos, most of which seems to be preserved. C. Renfrew and T. Jacobson cleared pithos during noon-hour in order to see if it was in fact a burial. Numerous bits of small bones and skull found within pithos (along with some shreds of fabric different from that of pithos itself) indicating that this was in fact a burial of a small infant. Shreds of pithos itself put in zembili, (KF-67). Bone and skull frags put in separate container. Shreds from around the pithos included in (KF-66). Obsidian from around XVII given no. KF-3.29. Remains in (KF-66) include material from just beneath pithos as well as around it. ^(not placed on its side) Interesting ^(to note that) pithos was set in ground vertically. ^(Top uppermost) Clearing has now proceeded to the point where platforms ④ and ⑥ can be cleared. In addition, clearing will be started in area west of platform ⑥.

and west and NW of grave XIV. Separate containers will be used for each area.

(KF-64) retired. Includes material from both sides of and within wall A, as well as some material from above platform ⑦. Obsidian from this area given no. KF-3.30.

at depth of ca. 4.52 in platform ⑥ the cover slabs of what will be called grave XVIII become evident. The openings along the sides of of the slab(s) are filled with smaller stones. A good thickness of large and very large stones comprised platform ⑥ above the grave. The cover of the grave consists of 3 large parallel slabs running in N-S direction, the interstices of which are partially filled by smaller stones. The extent of the cover slabs over XVIII are 4.52 at NE corner, 4.41 at SE corner, 4.38 at SW corner and 4.45 at NW corner. Thickness of platform ⑥:

4.87 (N) - 4.52 (N) } slopes from N → S
4.58 (S) - 4.38 (S) }

Hence thickness of platform ⑥ was from 0.14 - 0.29 m.

It is also clear that graves are coming up in the other 2 areas being dug. Grave # XIX will be that to west of XVIII. Cover slabs of former are now

apparent. Grave # XX will be that under platform ④. It is still difficult to determine whether the slabs of this grave are as yet visible. Cover slabs of grave XX first became clear at depth of 4.25, the highest point on what seems to be the central / main slab of grave.

Lots (KF-68) and (KF-70) retired. Obsidian from (KF-70) given no. KF-3.31.

There was no platform above grave XIX of the dimensions or sophistication of those over graves XVIII and XX. However, there definitely was an accumulation of stones particularly at the north end of area above grave. The east side of this "platform" was quite well defined, giving the appearance of a wall not unlike wall D (the E. edge of platform ⑥). There was a distinct space between this flank and the W. flank of platform ⑥. There is a possibility, though this is uncertain, that the two platforms were contemporaneous.

Further clearance of platform ⑦ indicates that its E-W length was only 1.10 m. and that the slabs to the west (cfp. 107) are probably not of the same structure.

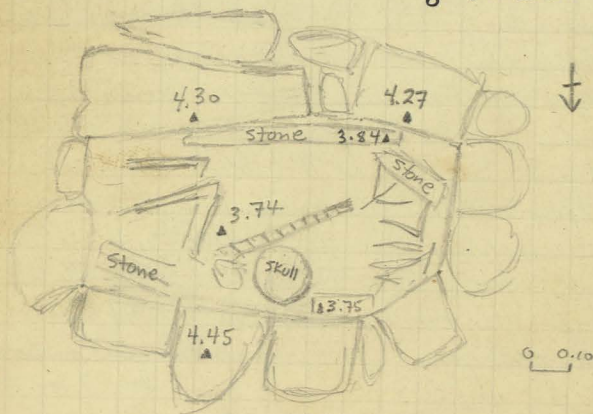
18 June 63 (Tues.)

6:30 - work begins w. same 3 men as yesterday.

Paraghiotis set about to clear out interior of grave XVIII, the cover slabs having been removed. New container: (KF-71).

Clearing around grave XIX continues, esp. along east wall of grave I. Because some stones west of (but seemingly in conjunction with) grave XIX appear to extend into or under east wall of I, it may be necessary to remove the latter.

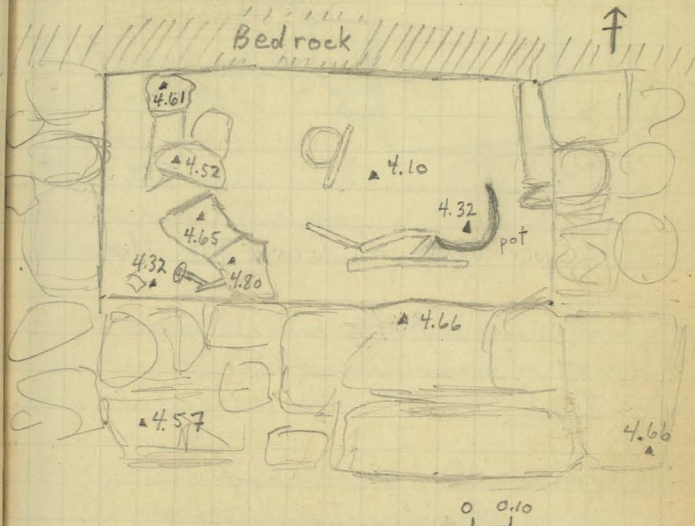
Angel, Kea 30



Grave XVIII (from north)

North wall of this grave is built up on bedrock.

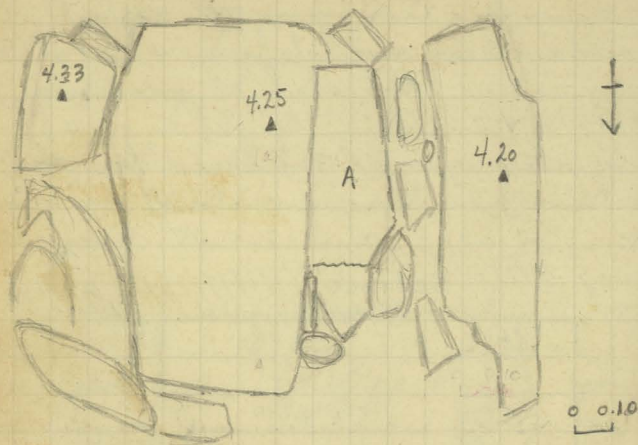
Removal of very large cover slabs in platform Q reveals grave XX. Highest point on these cover slabs is 4.80 (on long, narrow N-S slab at west end of grave); minimum height is ca. 4.65. New container - (KF-72) - used for the remains from the grave itself.



Grave XX

Angel, Kea 35

Stones near west end of XX, close to upper course of grave wall (most southerly in fact projects above level of of So. wall of grave) seem to have fallen. These are removed. The north wall of XX is formed by a relatively careful vertical dressing of bedrock - there are no built elements in this wall.



Cover Slabs of Grave XIX (from north)

Partial removal of So. side of grave VII did not show whether or not XIII is later than VII.

The east wall of grave I appears to overlap the westernmost slabs of grave XIX - cf. photo # 28 (B-W roll II). As a result, the E. wall of I will be removed. (Included in (KF-73)).

The no. wall of grave XIV overlies slabs which may or may not belong to south part of grave XIX - cf. photo # 31 (B-W roll II).

In removing wall of I there is a very white clay between the stones - noticed in grave I but not elsewhere. The finds

from the clearance of this wall will be included among the material cleaned off cover slabs of grave XIX and given no. (KF-73).

At depth of ca. 0.70 below upper course of grave XVIII a single small stone found in SE corner of grave - apparently fallen from wall of grave in SE corner.

Bone fragments begin to appear in XVIII at depth of 3.80 m.

(KF-74) JEC

Grave XIX cover slabs removed. Another large cover slab found lying directly under slab A (cf. plan, p. 112).

(KF-73) retired. It included finds from within and around E. wall of grave I. Obsidian from this lot: (KF-3.32).

At depth of 4.32 m. in SE corner of grave XX workman has come upon the remains of a reasonably large pot. (The measurement given here is from highest preserved part of pot.) It seems to be placed vertically in the earth of the tomb. Its sherds will be kept separate from those of rest of grave. A few tiny frags of bones found in and around this pot.

[This pot is Kph. 10]

Number of larger bones appear in SW quadrant of XX at depth of 4.25m. They lie against So. wall of grave, ca. 0.35 from SW corner up to corner itself.

Grave XVIII has now been cleared down to depth of 3.74m. The contracted skeleton is lying on its right side. The skull, however, is lying near base of spine, which is quite unusual for a grave which does not seem to have been disturbed otherwise. Arms and shoulder are also disturbed. Skeleton faces south while head would have originally been oriented to the west.

It is now clear that graves I and XIV overlie grave XIX.

19 June 63 (Wed.)

6:30 - work begins w. same 3 men as yesterday.

The stones indicated on plan (p. 110) of XVIII continue down to level of 3.70m. Bones also continue to this level - they are, however, more scattered and do not indicate anything further as regards orientation of skeleton. These bones probably belong to skeleton of (KF-71). This last statement soon appears to be incorrect because, at depth of 3.65 the remains

of a second skull begin to appear. This skull lies directly against north wall of grave, 0.10 east of NW corner. This skull lies partially under stone marked 3.75 on plan.

In grave XX the pot in SE corner of grave has been completely exposed - max. preserved height is 4.32 (ca. 0.15 high). It lies directly atop 3 or 4 large human bones, which in turn lie at depth of ca. 4.10. At same depth in rest of grave are a number of other bones - frags. of skull near center of grave as well as other frags of skull? and bones in SW corner. The removal of the pot has shown fragments of what seems to be the same kind of handle known from grave I (cf. above p. 64). The pot appears to be complete! It will be included with other sherds from (KF-72). Large obsidian blade from same level as above (4.10). It is 0.06 long and 0.025 in max. diameter. Given no. KF-3.33. ^{Kph. 3.5} Also found at same level was a small terracotta disk, ca. 0.025 in diameter. This will be given no. KF-3.34. Other frags of obsidian from this lot given no. KF-3.35.

[Above pot given no. Kph. 10]

TC disk discarded.

at depth of 3.60 a floor of small pebbles was reached. On this floor lay skull # (d. p. 115) and one other bone next to it. No other bones lying directly on floor itself, but others came from just above it. The material from this floor will be included in (KF-75). Obsidian blade from this lot given no. KF-3.36.

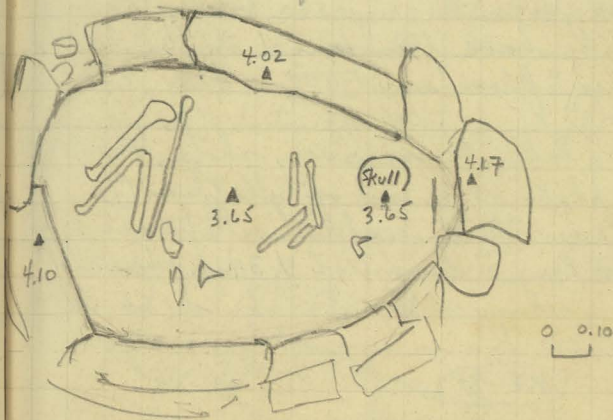
Bedrock reached in grave XX at depth of ca. 4.05. It will now be necessary to take out So. and at least part of W. wall in order to investigate platform ②. It is clear from further examination that the No. wall of XX is not entirely composed of bedrock. There is in fact one course of stones laid on bedrock here.

What seems to be a floor of small stones (not pebbles) was reached at depth of 3.50 (S.) - 3.42 (N.). Thus this floor slopes from south to north. Nothing found on floor and only a handful of sherds from this cut; (KF-76). A new container will be used for the material below this floor - floor will be taken out. Grave XVIII

There is now some doubt as to whether grave XX (= platform ④) was later than platform ⑦. The walls of XX do not at any point overlie platform ⑦. They rest on bedrock, itself at a slightly

higher level than platform ⑦. Therefore, it is still rather likely that XX is later than ⑦. Wall C certainly overlay platform ⑦.

The sherds from the taking out of So. wall and ~~and~~ SW corner wall of grave XX will be included in separate container, (KF-79).



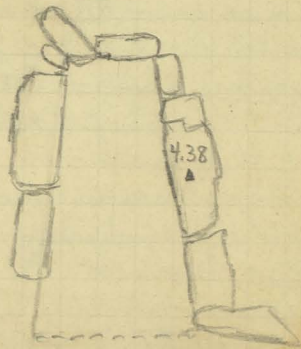
Grave XIX (from north)
angel, Kel

At depth of 3.65 m. in grave XIX a number of large bones visible in SE and E. sector of grave. A fragmentary skull is also clear near SW corner. Photo #9 (BW, roll III) taken of the bones at this level. The bones are removed and remains from below this level will be included in new lot, (KF-80).

Bedrock reached in grave XVIII at depth of ca. 3.05 m. However, there are a number of small stones clearly discernible above bedrock: 3.20 (S.) and 3.20 (N.). Whether or not this in fact represented a floor level is difficult to say because Paraghyotis seems to have willfully dug through them without any notice being given. In any case, no remains seem to have been found on the level of this "floor".

Having taken the necessary photos, the 2 long slabs at W. end of platform ⑦ were removed. Easternmost of these 2 slabs lay a height of 4.34 m. above sea. Having removed these slabs we shall dig down here in hopes of finding grave XXI. (KF-81)

Grave XXI is tiny area bounded ^{on} east by platform ⑦, and west by grave XVIII.

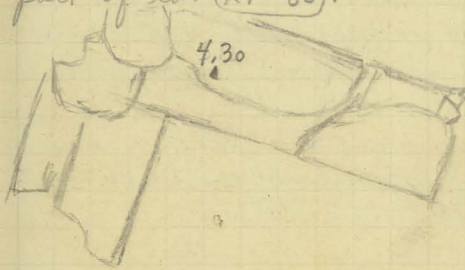


Grave XXI

at level of 4.08 in grave XXI was a layer of small stones. Baskets were changed and this layer was removed. A few scattered bones had been found above this layer. The lot for strata below this stone level will be (KF-82).

Grave XXI is certainly later than platform ⑦ since it uses the W. flank of ⑦ for its E. wall. It may well be later than XVIII since it appears "squeezed" between XVIII and platform ⑦.

While work continues on XXI, grave XIV will be cleared. Its remains will be part of lot (KF-83).



Grave XIV

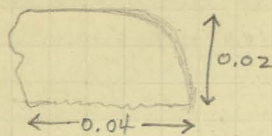
More large bones beginning to appear in grave XIX, particularly in E. end of grave. In the NE corner, directly under a stone which may in fact have fallen upon it, is a 2^d skull. These remains lie at depth of 3.55 m. Top of stone: 3.75. These bones may in fact belong to (KF-74). An amazing number of sherds have been coming out of grave XXI - many big pieces. There must definitely be complete ^{pot} here. Very few bones, however. A small number of bones come up in cut #1 in this grave - (KF-81) - which may belong to a child.

Mixed in with and around bones in center of grave XIX is a very reddish earth at same depth as above. It covers a small square area, ca. 0.20 m. on a side, ca. 0.10 from S. wall and 0.40 from E. wall. Samples of this earth, as well as the regular earth from the grave have been taken and will be given numbers: reddish earth (KF-3.37), regular earth (KF-3.38). → NT to US

Work discontinued in grave XIV at depth of 4.60 m. Obsidian from this cut put in bag and numbered KF-3.39.

Platform ⑦ will now be removed. Platform cleared down to level of cover slabs - 4.01 m. Obsidian from (KF-84) given number KF-3.40.

Fragment identified by C. Renfrew as part of stone axe of black stone.

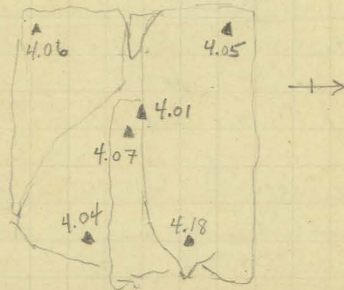


This object found among stones while removing platform ⑦. Belongs to (KF-84). Given field number KF-3.41. (later decided that this isn't an antiquity - discarded.) Additional notes on excavations of 1963 at Kephala were taken by C. Renfrew in notebook X of this series, pp. 12-24.

20 June 63 (Thurs.)

6:30 - work begins with P. Kallias and F. Stavris. N. Mavromatis gone, as is C. Renfrew.

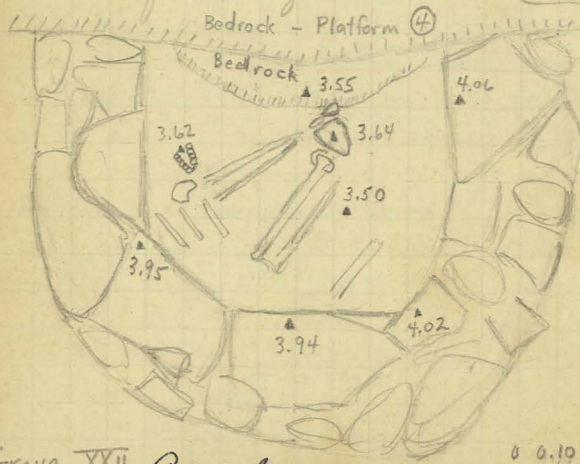
Measurements on cover slabs of grave XXII (under platform ⑦):



Bones from 2^d cut in grave XIX - (KF-80) - put in 2 boxes because one was not large enough. The third cut in grave XIX will be in (KF-85).

More sherds coming out of grave XXI, incl. another large handle and base. There must be at least 2 good sized pots which can be restored. At depth of ca. 3.60 m. here a layer of reasonably large stones was reached. However, because of the narrowness of the working space it was decided to postpone any further work here until more clearing has been done in grave XXII.

Panagiotis switched from grave XXI to grave XXII. Cover slabs removed and saved. New lot for this grave will be (KF-86).



Grave XXII Angel, Kea 36

more bones and at least part of a skull (#3) found at depth of 3.55 m. in grave XIX. These bones and skull lie in NE corner of grave within area ca. 0.15 from E. wall and 0.20 from N. wall.

Grave XXII must be later than XX because it (i.e. XXII) is built against bedrock at north which formed south part of south flank of grave XX.

Bones and teeth begin to appear at depth of 3.65 m. in grave XXII.

The skull and bones recorded above from grave XIX are nearly all confined to one large mass in NE corner of grave. In this mass are included at least two nearly complete sets of teeth. This accumulation of bones is ca. 0.10-0.15 m. deep and certainly gives the appearance of having been swept up or collected in this corner of the grave. Only a very few bone frags. are visible from rest of grave at this level. (cf. photos 12-13, B-W, roll III). These bones lie on a floor of very small stones/pebbles, the upper surface of which is at depth of 3.42 m. After photos were taken the bones were removed. (KF-85) retired and (KF-88) put into use for area below depth of 3.42 m. Bones from (KF-85) put in 2 boxes.

Bones from first cut in grave XIX -
(KF-74) - put in 2 boxes and so marked.

A good part of a skeleton has now been exposed in grave XXII. It overlies a floor of average size stones (larger than the pebble floor of grave XIX mentioned above). Unfortunately, little is preserved of the skull, although there are fragments. There is also set of teeth near west end of grave. Although the whole skeleton is not here there may be enough in position to suggest the orientation of the body. The head seems to be oriented to west; the body lies on its right side in a contracted position and faces south. The body seems to be resting on a stone floor in most of the grave, but partially on bedrock near the No. wall. We shall have to wait to see whether ~~the~~ this bedrock slopes down sharply or whether this burial is the only one in the grave. The floor level appears to be at depth of ca. 3.50 m., however the upper surfaces of some of the bones exceed a depth of 3.60 m. These bones will now be cleared in order to locate the level of bedrock here.

Having cleared out the floor in grave XXII a new container will be used, (KF-87). One piece of obsidian from (KF-86) given no. KF-3.42.

Digging continues downward in XXII below first floor level but there is no sign of bones. Many smaller stones mixed with the earth, however.

21 June 63 (Fri.)

6:30 - work begins with same 2 men as yesterday.

Bedrock reached in grave XIX at depth of 3.07 m. The level of bedrock here is somewhat higher than that in adjacent grave XVIII. Moreover, the large stones encountered near base of XVIII and thought to have been intentionally put there may perhaps now be regarded simply as fortuitous. There is no similar arrangement visible in XIX. Further clearing around grave XIV should securely clarify this matter.

Bedrock also reached at depth of 2.85 m. in grave XXII. It is interesting to note that this grave contained only one burial. From the level of the stone floor (3.50 m.) down there appeared only a handful of sherds and a few tiny bone frags. As indicated above, the earth from 3.50 m. down to bedrock had a good many small stones mixed in with it.

Having now cleared out graves XIX and XXII down to bedrock, the workmen were transferred to graves I and II where the objective will be to finish the clearing to bedrock started some time ago!

Grave II cleared down to what workman calls bedrock. Unfortunately the work space was very narrow and I am not yet convinced that bedrock was reached. Bedrock is clear enough on So. side of grave but north flank (below bottom level of grave wall) seems to consist largely of earth mixed with stones of various sizes.

In order to see exactly what happens in the area of graves X, XI and XII, it was decided to clear grave XII down to hardpan. Ultimately one would like to sink a trench between these graves in order to try to establish their relationship to one another. (KF-90) used for cleaning up of grave XII. The clearing in XII will necessitate the taking out of its stone floor which is from 0.05-0.07 thick.

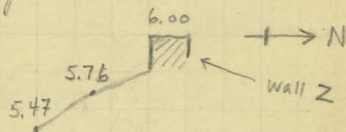
Grave I cleared down to bedrock inside grave: level of 2.92m. Obsidian from this lot - (KF-52) - given no. KF-3.43.

Paraphotus was instructed to clear surface of loose stones and sherds in area east of graves XI and VIII. The object will be, among other things, to clarify what looks to be another new grave west of grave IV and north of grave II. Two new measuring points were established for this area:

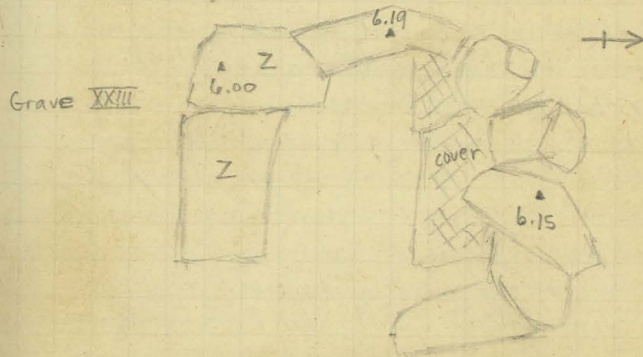
f- NE of point Z : 7.00 m.

g- SE of point f : 6.64 m.

A prominent bit of wall peaking out of hill-side in this area will be called "wall Z" for the moment. It lies ca. 65 cms. west of the west wall of grave IV. Section of area before digging:



Wall Z is oriented E-W. Little scratching was done in front (to So. of) wall Z.



North of wall Z appears what seems to be a grave (to be called no. XXIII). Its outline is clear at least on 3 sides, and at depth of 6.03 m. (just below upper preserved course of north wall) we seem to have a broken cover slab still in position. This would seem to indicate that we have only the lowest course of a grave preserved atop the cover slabs and a different grave below the cover slabs. The grave below the cover slab will be called no. XXIV. Because it was not realized immediately that we had 2 graves here, (KF-93) includes remains from both just above and just below the cover slab. KF-3.72 Overlaid 1 piece

Another wall was found to run E-W in an orientation roughly parallel to the south wall of grave XXIII - XXIV. It was at first thought that a grave lay between these two walls, but it seems more clear now that this second wall is in fact the north wall of another grave (to be called no. XXV). That this was in fact a grave is proved by the discovery in its NW corner of a skull, the top of which lies at a depth of 5.62 m. The skull lay directly against the W. wall of the grave, 0.10 from the north wall. The bottom of the skull (depth of 5.48 m.) rested on a floor of small pebbles, ca. 0.05 thick. Below the pebble floor was a thin layer of sand,

under which (along north wall) there appears one complete (though broken) cover slab. Frag. of what may be other cover slabs can be seen along west wall. The remains from surface down to pebble floor are in (KF-91). Remains from pebble floor down to bottom of cover slabs in (KF-92). These 2 lots perhaps can ultimately be joined.

Bones of average size were found at same level as skull in grave XXV, ca. 0.17 to east of skull.

Angel, Kea 37

Panaghiotis points out that a good bit of clay was used in the walls, particularly the So. wall, of grave XXV. ^(i.e. XXVI) We have seen that this was the case in other graves in this cemetery.

If these are in fact cover slabs in grave XXV, then we must look for still another grave (no. XXVI) below.

All of these graves are very small and very much eroded away. It will be very difficult to give plans of graves XXIII and XXV for this reason. One can also see evidence to suggest that some of the preserved walls are partially collapsed, e.g. in the north wall of grave XXV the upper course has slipped almost completely off (i.e. to the south) the course immediately below it. One must also consider the possibility that grave XXV continued northward right up to S. wall of XXIII.

at depth of 3.57 in grave XII a layer of sand becomes apparent. This layer continues down to ca. 3.38. At ca. 3.28 bones begin to appear in west half of grave. These continue down to 3.23 m. Bedrock has still not been reached. These bones may well be just a part of the fill thrown into the grave before its first use.

The remains of the area tentatively referred to as that between graves XXIII and XXV has been put in separate container; (KF-94). The only thing preventing this in fact from being separate from grave XXV is the short bit of northward extension of E. wall of XXV almost up to grave XXIII. This stone, however, may not be in situ.

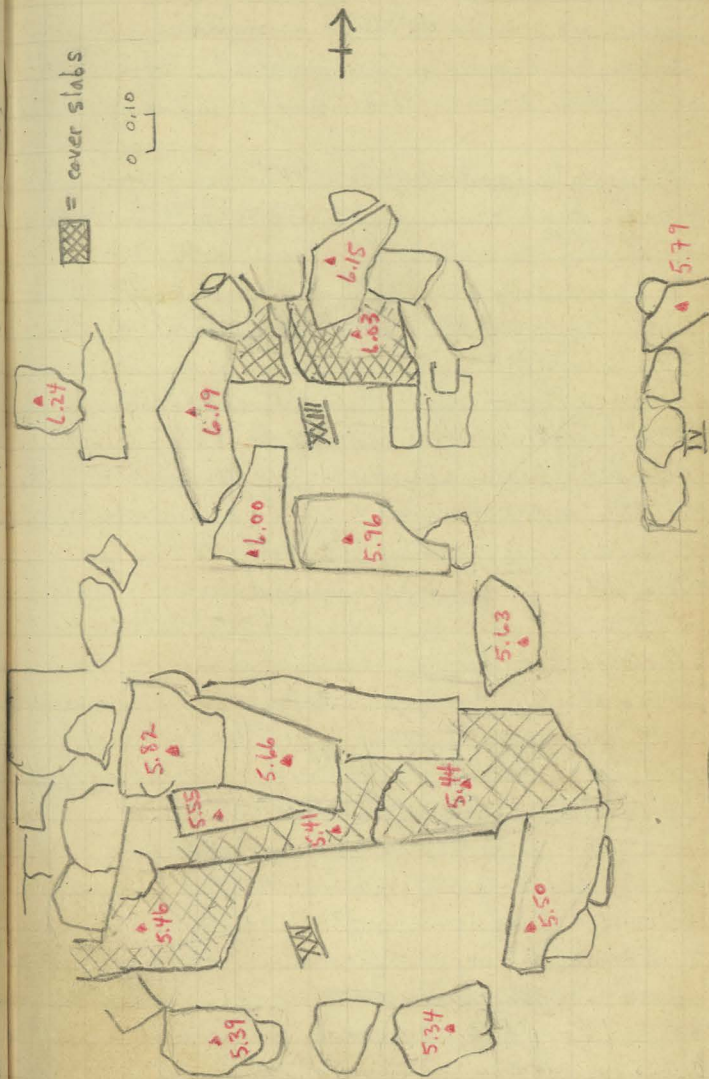
22 June 63 (Sat.)

6:36 - work begins with same two men.

In order to determine the nature of S. wall of grave XXV ^(i.e. XXVI) will have workman clean along this wall, outside grave. (KF-95). Fragment of large bone found outside XXV, ca. 0.20 E. of E. wall - put in (KF-95). It may have been washed down to this position from grave IV. Another container (KF-96) used for material along E. wall of our complex, between it and grave IV. (KF-96) retired at depth of 5.40. Obsidian from this lat given no. KF-3,74.

= cover slabs

0 0.10



Having now retired lots (KF-91-96) an examination will be made along west wall of graves XXIII - XXVI in order to determine their westward extension here. The material from this examination will be put in (KF-97).

Clearing to east of graves XXIII - XXIV made it appear that these graves (at least XXIII) were partially founded on bedrock. However, it is as yet impossible to say with certainty until at least XXIII has been excavated.

(F)

New wall found west of grave XXV running E-W from W. wall of XXVI. At depth of ca. 5.96 m, 0.10 S. of this wall and 0.10 W. of W. wall of XXV were found a goodly number of sherds apparently belonging to one pot. Mixed in with these sherds were a very few small bones. ^{Animal DEC 65} The pot is far too small to have been of the normal type used for burial (i.e. pithos) - looks as if it were an open bowl of some type. The frags of this pot will be kept separate from rest of (KF-97) and given no. KF-3-45. (An examination of these sherds hardly indicates existence of ^{one} pot.) While sharding at Kephala Mark Cameron found a fragmentary flint arrowhead on surface between settlement and cemetery, just north of mandia wall. Max. preserved length 0.03 m, max. preserved width 0.025 m, max. preserved thickness 0.0075 m. Given field no. KF-3-46. Kph 3.7

24 June 63 (Mon)

6:45 - work begins with 3 men. New man is Jannis Xesternas. J. Overbeck also here for this week.

It was decided to clear out area around graves XIV and I. Trench KFC laid out - cf. notebook X, p. 25. ^{Kph. 12} Also, in order to clear out part of area west of grave I, trench KFD was laid out. For dimensions and orientation of this trench, see notebook X, p. 25. (See also, p. 135.)

(KF-54) retired. Obsidian from this lot given no. KF-3-47.

Trench KFD is laid out in N-S orientation in order to bisect wall E. This is the wall running E-W, located west of grave I - cf. plan, sheet 1. (Cf. also, p. 135)

[KF-99?] (KF-97) retired. Included sherds from surface 30-40 cms. west of graves XXV - XXVI and south of wall F. Obsidian from this lot given no. KF-3-48.

Clearing now begins in graves XXV - XXVI. All fallen stones from grave XXV removed. Everything will be removed down to cover slab of XXVI. That will then also be removed. Material from XXV will be in (KF-101).

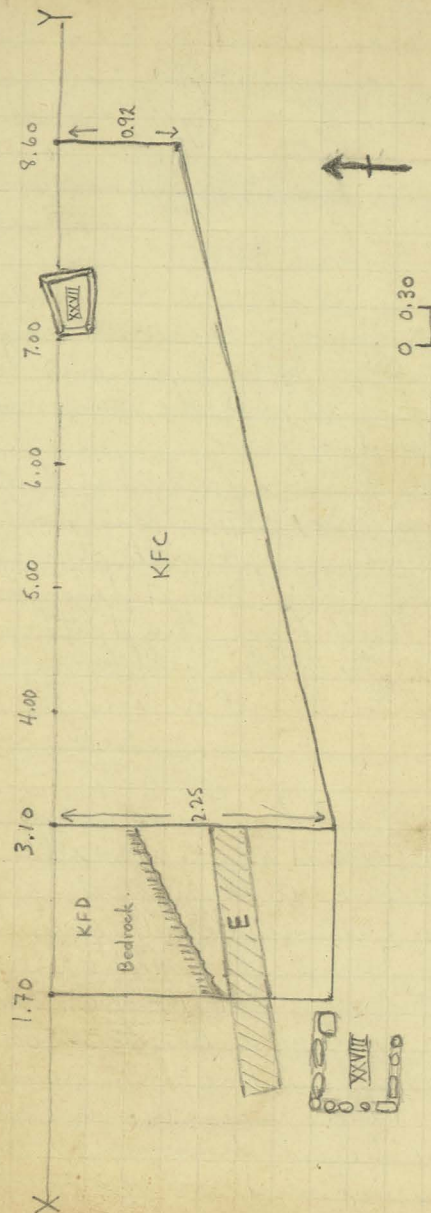
Remains from below cover slab (i.e. in grave XXVI) will be in (KF-102). Photos # 22-23 (BW, III) show how only one cover slab and part of another of grave XXVI are preserved in situ. These slabs will not be saved. Angel, Kea 38

In the course of clearing out area of trench KFC it was necessary to take out grave XLV. This grave, such as it was, has been planned, but no section was made of it. This was due to the fact that so little of it was preserved that no decent section could be drawn. It will also be necessary to take out south and part of west walls of grave I in this trench.

Fragments of bones begin to appear at depth of ca. 5.00 in grave XXVI, esp. in W. half.

(KF-98) retired. Objection from this: cut given no. KF-3.49.

At depth of 3.95 m. in trench KFC, almost directly under old grave XLV, was found a tiny grave, number XXVII. At depth of 3.86 in the SW corner of this grave is a skull (measured from top of skull). Base of skull lies at depth of 3.75 m. At ca. 3.75 are 4 other bones of average size. No sherds in this grave as yet. It must





Grave XXVII

have been a child's burial. Having photo graphed and drawn the bones in situ the bones and skull will be removed. Three sherds found in grave.

More bones become apparent at depth of 4.98-4.94 in grave XXVI. These bones seem to be partially mixed with stones of average size which must belong to a floor. Two skull frags. found between 5.00 and 4.94 m. The floor will be taken out and new container will be used for remains below it.

In trench KFD bedrock was found to run southward almost as far as wall E. Just north of wall E it drops off sharply but does not go down very deep (cf. plan, p. 135). Sherds from area north of wall E (down to bedrock) belong to lot (KF-100). Obsidian from this area given no. KF-3-50. Few small bones found in this triangular space but there is no other indication of a grave here. Bedrock is also beginning to appear at west end of KFD south

of wall E. It is far from clear at the moment just what the purpose of this wall was.

Obsidian from (KF-98), trench KFC, given no. KF-3-51.

At depth of 4.75 in grave XXVI bedrock was reached in NW corner of grave. The stone floor mentioned above (p. 136) runs down approx. to this level. Bedrock seems to exist roughly at above level in north half of grave but there is still earth in south half. A new container, (KF-105), will be used for the remains from below the level of the stone floor.

25 June 63 (Tues)

6:30 - work begins with same men as yesterday.

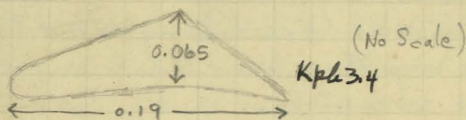
Bedrock reached at depth of 3.24 in KFD, south of wall E. Bedrock slopes noticeably here from west to east (reaches 3.24 in east end of trench). This makes the precise nature of wall E even more confusing. It was decided to clean down to bedrock in area south of KFD, maintaining same east flank of trench.

Grave XXVI carried down to bedrock at depth of 4.40 m. Lat (KF-105) retired. Work now shifted to graves XXIII-XXIV. Stones of XXIII will be removed and cover slab of XXIV will then go. Significant sherds of a pot found immediately beneath cover slab of grave XXIV, at depth of ca. 5.85. One must, however, look for other sherds of same pot in lat (KF-93). Below these sherds, at depth of 5.82-5.72, is a layer of average size stones. Below this layer was found a handful of bones identified by Panaghiotis as animal. Bones found at depth of 5.70 m. Bedrock reached at 5.42 m.

Having reached bedrock in grave XXIV it was decided to clear area north of grave VIII, i.e. north of old line AB. The remains from this area will be included in lat (KF-107). Obsidian from (KF-107): KF-3.54.

At west end of KFD, immediately upon bedrock, are the very ephemeral remains of what seems to have been a grave. This grave - to be called XXVIII - was almost completely eroded away. It lies ca. 0.20 south of west end of wall E. The few remains which ultimately turned up in this grave were included in (KF-99).

at depth of 6.30 m. next to bedrock north of grave VIII was found a marble object in shape of boomerang, 0.01 thick.



Object found 1.60 m. north of AB. Given no. KF-3.52.

(KF-103) retired. Obsidian given no. KF-3.53.

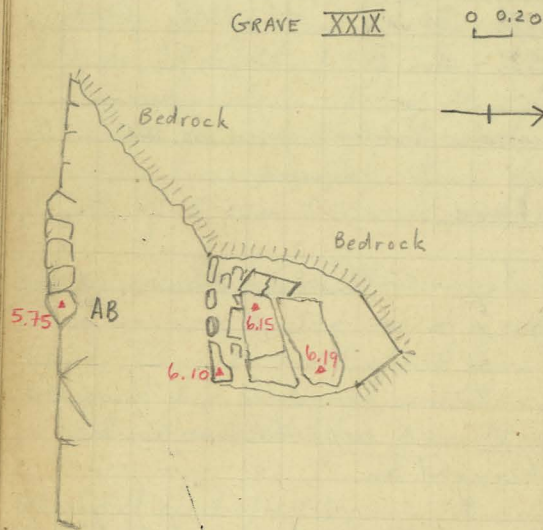
26 June 63 (Wed.)

6:30 - work begins with same 3 men as yesterday.

Changed containers in area north of AB and grave VIII. (KF-107) retired and (KF-109) brought in.

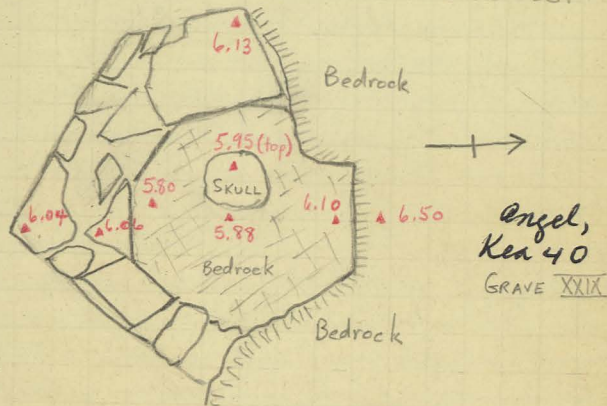
The 2^d cut in trench KFC brought to light what may be a platform south of grave VIII. It seems to be constructed of larger than average size stones but its plan does not appear very regular. The small grave (no. XXVII) lies in the midst of the platform and will need to be removed if we are to examine the platform itself.

In area north of AB and grave VIII what looks like the cover slabs of another small grave have been brought to light. This grave lies 0.80 m. north of AB at depth of ca. 6.20 m. It will be tentatively called XXIX. Panagiotis says there was a thin layer of clay over these cover slabs.



(KF-109) retired. Obidian from this lot will be KF-3.55. New lot. for grave XXIX will be (KF-110). At depth of 5.95 m. in grave XXIX the top of a skull begins to become visible. As digging progresses in grave XXIX it becomes more and more clear that the above-mentioned skull lies directly upon bedrock. In fact the grave itself seems to have been built on bedrock. Very few bones have

come out of the grave aside from those of the skull and the skull itself. Grave XXIX was in fact built on bedrock, thus having built walls only on 3 sides. The skull rested on bedrock, at depth of 5.88 m. It lay 0.15 from west wall and 0.20 from south wall. Skull measures ca. 0.15 in max. diam. in situ. Skull removed.



As one can see from above sketch, bedrock within grave slopes slightly from N → S. It also seems that bedrock was fairly carefully dressed along No. side of grave in order to provide the No. wall of grave. Obidian from this lot - (KF-110) - will be KF-3.56.

Having now completed the clearing of grave XXIX Panagiotis was directed to clear the area between this grave and wall AB. The remains from this area will be in lot (KF-111).

It was decided to clean out a little more in grave XXVII in order to ascertain what relation ship it may have had with what looks like a platform beneath it. At depth of 3.65 m. a stone level was reached and it was decided to stop here. This most likely represents the small stone floor over which the dead was buried - stones are slightly larger than pebbles. The platform - to be tentatively called no. ⑧ - will be drawn and photographed, then removed. This platform is of extremely irregular form.

At depth of 5.75 m., between graves XXIX and VIII, a level of large stones is evident. This is probably a platform for a grave here. This will be tentatively be referred to as platform ⑨, and a new container will be put into use here, (KF-113). In cleaning around No. face of AB, Paraghiotis says that clay was used in the bldg. of this wall. The obsidian from lot (KF-111) given no. KF-3.57. All stones of platform ⑨ removed.

Since wall E and grave XXVIII have been drawn and photographed wall E will be taken out and trench KFC here will be cleared down to bedrock. Lot no. (KF-114).

27 June 63 (Thurs.)

6:45 - work begin with same men as yesterday.

James begin to remove platform ⑧.

At depth of 5.60 in platform ⑨ large stones appear which may be cover slabs of a grave. It is doubtful, but photos 1-3 (BW roll IV) were taken to record their appearance. In any case, these stones will be removed in order to see if a grave is in fact beneath them. New container - (KF-116) - will be used for this grave, tentatively to be called XXX.

At depth of ca. 5.45 in "grave XXX" a large obsidian blade was found. Measures 0.07 in length and 0.02 in width. Given no. KF-3.59. Kpl 3.14

(KF-113) retired when (KF-116) started. Obsidian from (KF-113) : KF-3.58.

It is becoming more and more apparent that "grave XXX" is not in fact a grave. No bones have been found in it, nor has it any clearly defined limits (i.e. walls). It seems to be nothing more than a jumble of fallen stones and earth. Its appearance in scarp to south is quite de-

ceptive. It does look, however, as if there may be a grave beneath this area. That would then be the northern end of grave IX which did not seem to have been completely dug in 1961. What looks like a cover slab of IX appears in the scarp here.

Just above bedrock in W. end of trench KFC is layer of sand mixed with small stones ^{scarp}. In just above and behind (i.e. to the No. of) grave XII are the remains of what seems clearly to have been a cover slab, above which is a built structure 3 or 4 courses high (0.25-0.30 high). The built structure looks very much like a platform, but the cover slab seems to be resting directly on bedrock. This platform will be tentatively called ⑩. The only possibility of there being a grave under this cover slab is if the grave were hollowed out of bedrock. Platform ⑩ is built against bedrock at the north. (cf. photos 4, 5, roll IV).

It is becoming quite obvious now that the excavations of 1961 dug only half of graves IX and VIII, thinking they were complete as such. In clearing in the area of what has been called "grave XXX" today, a stub of wall spanning N-S was found which must have been

part of west wall of grave VIII. It lies alongside and to east of what we have called platform ⑩. It seems now that further digging here will reveal No. half of grave IX also. Therefore, it now seems that our "grave XXX" must in fact be the north half of old grave VIII.

In clearing over E. cover slab of grave IX one sees clearly a layer of small stones ca. 0.10 deep. This may have been floor of grave VIII.

(KF-116) retired. Obsidian from this lot: KF-3.60.

Area from south wall of grave XXVI southward deaned down to bedrock. (KF-117).

Digging has progressed far enough in area of platform ⑧ to show that no grave existed beneath it. It is doubtful then if ⑧ was in fact a platform rather than perhaps just a conglomeration of fallen stones.

Shards found on surface in area of cemetery collected at beginning of dig started tonight. Those kept were given lot no. (KF-118). These shards were collected by workmen before excavation actually began in the cemetery this year - all from the surface.

28 June 63 (Fri)

6:30 - work begun with same men as yesterday.

Excavation in west end of trench KFC and east end of KFD had brought to light what looks like a rock-cut path leading down into the cemetery proper. This would obviously have been part of the original arrangement of the cemetery in this cleft of rock here.

Sequence of graves in east end of cemetery

XXIV earlier than XXIII

XXVI earlier than XXV

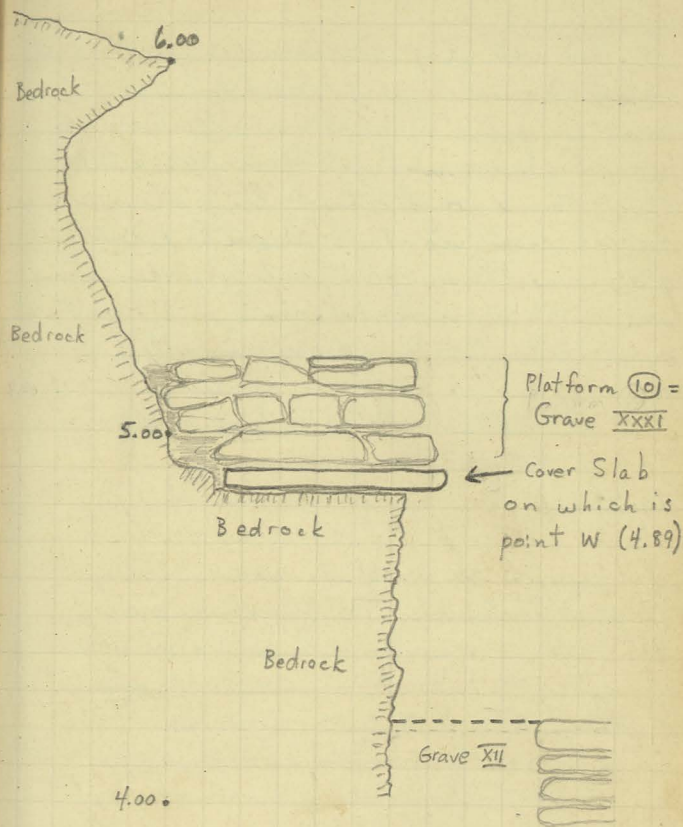
XXV and XXIV may be contemporaneous.

IX earlier than VIII

VIII earlier than XXIX

IV and XXIV may be contemporaneous.

(KF-115) was retired. This basket, though intended originally only for "platform ⑤", continued considerably below the bottom of the stone level. This stone level south of grave XXVIII ran from ca. 3.90 to ca. 3.80/3.75, but did not seem to represent a platform. In any case, no grave has turned up beneath it. The sherdian from lot (KF-115) will be given no. KF-3.61.



Area of Platform ⑩ from West before Excavation.

0 0.10

Workman set out to clear out platform
 ⑩ down at least to cover slab beneath
 it - lot (KF-120). Platform ⑩ seems to be
 built against (not bonded into) west
 wall of grave VIII. After removal of top
 course of stones of platform ⑩, at depth
 of 5.24m., a comparatively large stone appears
 which looks as if it might be a cover slab
 of a grave. Thus platform ⑩ may turn
 out to be a grave. This cover slab, if it is
 such, lies at an angle as if fallen some-
 what from its original position. It slopes
 downward from W → E (5.24 at west,
 5.09 at east). It does in fact turn out that
 there is a tiny grave under this cover
 slab. At depth of 5.05m. first appears traces
 of bones in W. half of grave - very thin
 pieces of skull. This will be grave XXXI.
 all bones - very tiny - turn up in W. half
 of grave, 5-10 cm. from W. wall and at
 depth of 5.05 to ca. 5.02. Very few bones -
 handful of tiny child's bones, apparently
 an infant. Bones very much decayed.
 Because S. wall of XXXI does not bond with
 (but does abut against) W. wall of VIII one
 might conclude that XXXI is later than VIII.

Cover slab removed from grave IX in order
 to clear out unexcavated half of grave.
 Many fallen stones from within this
 grave. Three large pieces of cover slabs
 removed from within this grave - they

had obviously broken and fallen in.

(KF-108) retired. Obduran from this lot:

KF-3.62. It will be necessary to take
 out grave XVIII on Tuesday. Graves I and
 XIX already have been removed.

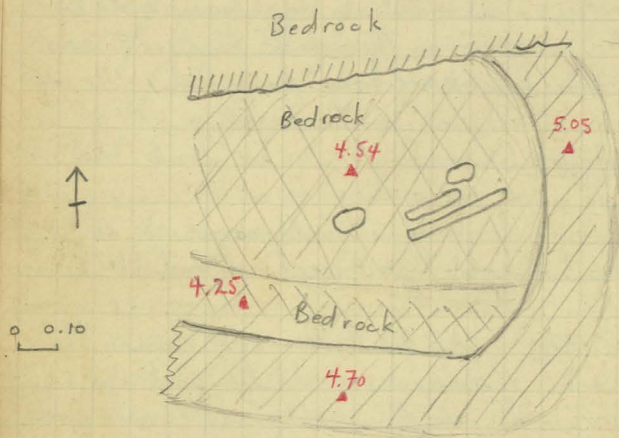
2 July 63 (Tues.)

6:35 - work begins with same 3 men
 as last week. J. Overbeck still here.

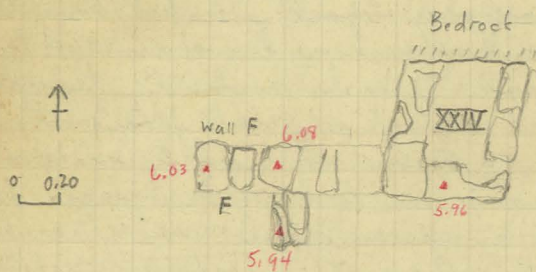
Grave XVIII will be taken out down to
 bedrock. Remains will be put in here.
 (KF-122). Grave XXI will also be included.

At depth of 4.62m. in grave IX bones
 begin to appear. These must belong to
 skull and other bones found in 1961 in
 this grave. These bones lie directly upon
 bedrock (no stone or pebble floor) at
 depth of ca. 4.55m. Bedrock here is very
 soft and seems to have been dressed
 down to an approximately level floor for
 grave at depth mentioned above. The
 north wall of grave IX is formed entirely
 of bedrock, while east and south
 walls are built. West wall must
 have been taken out in excavations of
 1961 as no trace of it is preserved.
 Bedrock does not continue at same
 level throughout grave IX. It drops

off noticeably along So. wall, apparent where skull was found in 1961.



Grave IX

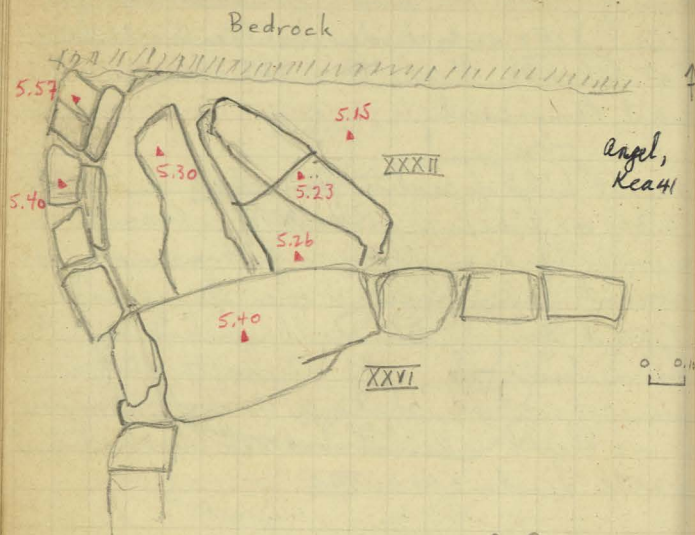


Bones removed from grave IX and lot (KF-121) retired. Obsidian from this grave given field no. KF-3.63. Bones are not in good state of preservation generally.

Area of graves XXIV and XXVI will now be cleared down to bedrock. This will be lot (KF-123). Grave IX will remain, at least temporarily.

Small bits of carbon found at depth of 3.30 m., below grave XVIII. Doesn't seem to be enough for a C¹⁴ sample, nor was it found spread over large area - found simply in small pocket ca. 0.85 from bedrock wall at north. Other pieces of carbonized stone found at approx. same depth, against bedrock wall at north under grave XVIII.

At depth of 5.30 m., along No. side of grave XXVI, some stones appear which may be cover slabs of a small grave here. If these are in fact cover slabs of a new grave, they are extremely important because they seem to have been partially built into the north wall of grave XXVI. This would mean that the new grave under these slabs and beneath graves XXIII and XXIV would have been earlier than XXVI. There is a curving wall to the west of and slightly above these slabs - may have been part of a platform destroyed when grave XXVI was built. No other evidence of a platform. This curving wall is only one course high.



"Cover Slabs" No. of Grave XXXII

KF-123 retired - contains only material from immediate area of grave XXIV down to level of "cover slabs". New container to be used for material under slabs. Obsidian from (KF-123) given no. KF-3.64. Kph 5.19 appears prot.

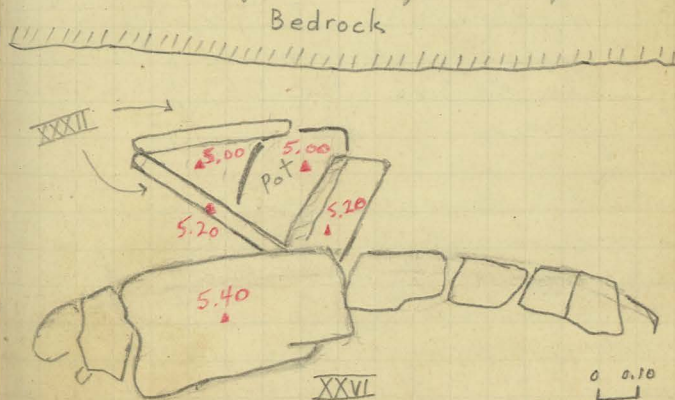
3 July 63 (Wed)

6:30 - work begins with same group as yesterday.

KF-125 used for material below "cover slabs" north of grave XXVI. As digging progresses here it looks as if there will be no grave below these slabs.

However, it does seem now that there is a grave here - to be called XXXII. Although in a somewhat disturbed condition, it appears to have been a small cist grave. Like its cover slabs, its most southerly extremities were built over by grave XXVI. This may also explain its disturbed appearance. It seems at least clear that XXVI was later than XXXII. (Burial jar becomes Kph. 11).

At depth of ca. 5.10 m. in grave XXXII vertical pieces of a pot begin to appear. This may be the burial pithos. Pot is in very fragmentary condition. This pot lies partially beneath the most easterly preserved wall of the cist. At depth of 5.00 m, sherds (perhaps belonging to bottom of pot) are clear. Only 3 sides of cist are preserved.



It was necessary to take out most eastern preserved wall of cist in order to clear this grave. This stone also lay under part of No. wall of grave XXVI.

(KF-122) retired. Area beneath graves XXI and XVIII carried down to bedrock. Max. depth of bedrock here is ca. 2.25, but it rises sharply just under XVIII about 1.00 m. higher (i.e. to ca. 3.25). The "dromos" noted earlier in trench KFD continues under graves I and XIX but stops suddenly at point where bedrock rises sharply. It is difficult to determine the reason why this "dromos" was cut intentionally - as it seems to have been - but leads down to nothing. There are no remains whatsoever of a burial above bedrock in this area.

Carbonized matter mentioned on p. 151 was put in small box and given field number, KF-3.65. Obsidian from this lot given no. KF-3.66.

Grave XXXI removed in order to see if there is anything under the slab lying beneath it. Remains from here will be in with (KF-120).

Pot removed from grave XXXII. There are certainly enough frags. preserved to allow a restoration - nearly whole pot must be here. Frags. put in 2 boxes

marked (KF-125). A few small bones have turned up in the cleaning of this grave. This was apparently a burial of a small child or infant. At depth of 4.95 m., immediately under the burial-pithos, is a floor of average sized stones. Thus the pithos was placed on a stone floor within something of a cist arrangement.

Slab has now been removed from under grave XXXI and it appears that it (i.e. the slab) lay simply on a bedrock ledge. It served merely as a floor for grave XXXI.

In order to finish cleaning in area of grave XXXI it was necessary to remove completely grave XXVI. Remains from removal of XXVI will be in lot (KF-126).

Trench KFE laid out on dump directly south of bedrock in front of (i.e. So. of) graves X and XI. Trench laid out on east-west orientation, 2.00 m. E-W length and 1.00 N-S width. Trench laid out at Prof. Cocke's suggestion in order to be certain that there are no remains of graves under this dump. The finds from this trench will be put in lot (KF-127). Bedrock reached almost immediately in KFE. It slopes from N $\rightarrow$ S here, from 3.50 m. in No. to 3.25 in So. No sherds found in this trench. The whole depth was

apparently composed solely of debris from previous year's digging.

In accordance with Mr. Caskey's suggestion a trench will be dug in midst of graves XII, XI, X and part of IX in order to ascertain what lies beneath them. All graves will remain, aside from the south half of grave IX. The remains from this area will be put in lot (KF-128).

(KF-117) retired. Obsidian from this lot given number KF-3.67. ^{Kph 3.20, 21, 22, 23, neck in} _{slabs}

4 July 63 (Thurs.)

6:35 - work begins. J. Overbeck is no longer here. P. Kallio also gone. Workmen now only F. Stavaris and J. Xestonas.

Bedrock reached in area below grave XXVI at max. depth of 3.35 m., though the contour of the bedrock here is very irregular.

In digging in area of graves IX-XII it was necessary to remove south wall of grave IX in order to have more working space. The fill under these graves is full of loose earth and average-sized stones - also a few sherds and an occasional bone (whether human or animal is often difficult to say). However,

there is no trace whatsoever of any graves in this area. If the few bones found are human and do in fact belong to burials, these graves must have been completely destroyed when the later graves were built over them. It is, however, extremely doubtful that there ever were any burials below graves X-XII; certainly there was none below IX, for it was erected immediately over bedrock.

³ Sherds and other objects collected from surface in area of settlement, above cemetery, during excavations this summer given lot number (KF-129). Obsidian from same area (as well as headland in general) given field number ^{Kph 3.25, 26, 27, 28, 29, 30, 31} KF-3.68. Some fragments of slag also found in same general area given no. KF-3.69.

(KF-128) retired, although bedrock was not yet reached beneath grave X. Bedrock reached in every other part of this area. The working space east of grave X has become extremely narrow and bedrock cannot be reached without taking out grave X itself. This seems rather unnecessary as it is most unlikely that anything will turn up beneath this grave. Obsidian from this lot given no. KF-3.70. It turns out, how-

ever, that just at 4:30 bedrock was in fact reached throughout this area. The contour of the bedrock here is extremely irregular; for some reason bedrock drops off to very deep level below grave XII. Shards were found in small numbers right down to bedrock, again mixed with stones of average size and an infrequent bone. There is, of course, the possibility that dwellings of some kind existed in this cavern before it was used as a cemetery; there is, however, no architectural evidence for this.

5 July 63 (Fri.)

6:30 - work begins with same group as yesterday.

Workers set about to clean entire excavated area of cemetery, for Prof. Caskey will be here later this morning to take some photographs.

Cemetery thoroughly cleaned and photos taken; herewith ends the excavations in cemetery at Kephala. Cover slabs of grave XVIII taken back to Museum at Aghia Triini and slabs of grave XXII restored to their original positions over that grave. The rest

of the preserved cover slabs will be left at the site.

All graves have been taken out, except for the following which will remain for posterity:

Grave X

Grave XI

Part of Grave XXII

Grave XIII

Grave VII

Grave XXII (with cover slabs restored)

Part of Grave XX

Grave IV

Grave III

Grave XXVIII

Grave XXIX

} such as they are

Remains collected from surface during period of excavation from area of cemetery were collected and given no. KF-124. Obidian given no. KF 3.71. These shards were sorted on 12 VII 63 and about 1/2 of them were discarded. Everything with any semblance of a profile was kept.

"Dromos" (cemetery) XI. 146, 154

General (cemetery) X. 1-11, 17-18, 22; XI. 6-14, 67-70, 71-73, 79-80, 127, 146

Graves:

I I. 41-43; XI. 35-36, 72, 75, 78, 88, 96, 97, 110, 112, 126, 134.

II I. 41-43

III XI. 36, 76

IV XI. 37

V XI. 40-42, 44-45, 46-53, 94, 101

VI XI. 37-39

VII XI. 39, 43, 75, 112

VIII XI. 46-53, 74, 138, 139, 144-5, 148 (v. Grave XXX)

IX XI. 54-57, 74, 144-5, 148-150, 156, 157

X XI. 59-64, 71, 73, 156-158

XI XI. 60-61, 71, 73, 88, 126, 156-158

XII XI. 62-65, 74, 126, 130, 156-158

XIII XI. 76-79, 81-88, 89, 91-92, 93-94, 112

XIV XI. 95, 100, 112, 119, 120, 134

XV X. 12; XI. 96-98, 106

XVI X. 12; XI. 103, 105-106.

XVII X. 13; XI. 106-107

XVIII X. 14, 19, 20, 25; XI. 108-110, 113-116, 118, 149, 151, 154

XIX X. 16; XI. 108-110, 113, 114, 117, 120, 122-125

XX X. 15, 24; XI. 109, 111, 113-117

XXI X. 21; XI. 118, 119, 122, 149, 154

XXII X. 23; XI. 121-125

XXIII XI. 127-129, 130, 138 (see also wall Z)

XXIV XI. 128, 130, 138, 150, 151

XXV XI. 128-129, 130, 133

XXVI XI. 129, 133-4, 136-8, 151, 152, 155, 156

XXVII X. 26; XI. 134, 136, 139, 142

XXVIII XI. 138

XXIX XI. 140-141

XXX XI. 143-144 (see also Grave VIII) No Grave!

XXXI XI. 148, 154, 155 (see also Platform 10)

XXXII XI. 151-155

Platforms (cemetery):

① XI. 54-59 (over XI)

② XI. 54-59 (over X)

③ XI. 54-59 (over XII)

④ X. 12; XI. 54-59, 79, 81, 84-5, 89, 98, 101-2

⑤ XI. 54-59, 61

⑥ X. 12; XI. 100, 104, 108, 109

⑦ X. 13; XI. 104, 107, 109, 118, 120

⑧ XI. 139, 142, 143, 145, 146

⑨ XI. 142, 143

⑩ XI. 144, 147, 148 (see also Grave XXXI) This is no platform!

Settlement I. 41-44; XI. 15-33, 157

Trenches (cemetery):

KFA XI. 89-91, 93, 95, 99, 101, 102

KFB XI. 93, 94-96, 98, 99, 103

KFC X. 25; XI. 133-35, 139, 144, 146

KFD X. 25; XI. 133, 135-138, 146

KFE XI. 155-156

(over)

walls (cemetery):

- A X. 13; XI. 50-52, 75, 105, 106
B X. 12; XI. 94, 99, 102
C X. 12; XI. 94, 98, 99, 102, 104
D XI. 99, 102, 104
E XI. 76, 77, 136, 137, 142
F XI. 132, 133, 150
Z XI. 127 (see also Grave XXIII)

Photos (B-W, Roll IV; cont. from p. 181)

- 11 **21** Grave IX from WSW (Bones in situ).
- 12 **22** "Cover slabs" No. of grave XXVI from east (XXVI at left).
- 13 **23** Same from WNW (XXVI at right).
- 14 **24** Same.
- 15 **25** Grave XXXII from No. (above) - pot in situ.
- 16 **26** Same from west.
- 17 **27** Same from south.
- 18 **28** Grave XXXII from So. after E. wall removed.
- 19 **29** Same from west.
- 20 **30** W. end of cemetery and "dromos" from ENE.
- 21 **31** Same from west.
- 22 **32** Same ESE.
- 23 **33** Same from ENE.
- 24 **34** Preserved cover slabs from graves.
- 25 **35** Restored cover slabs of grave XXII.
- 26 **36** J. Xesternos loading cover slab of gr. XVIII.
N. Mavromatis at right.

KA 28. 37-40 in Notebook X, pp. 38-39
(these deal with Area X).

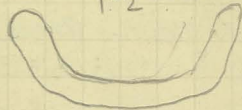
Color photos (rolls III-IV) taken by J.
Overbeck listed in vol. X, pp. 25-27.

- KF-3.63 Obsidian (KF-121) 15
 KF-3.64 Obsidian (KF-123) Kph 3.19, 20, 21, 22, 23 15
 KF-3.65 Carbonized matter (KF-122) N.T. 15/15/15 15
 KF-3.66 Obsidian (KF-122) 15
 KF-3.67 Obsidian (KF-117) Kph 3.20, 21, 22, 23 15
 KF-3.68 Obsidian (KF-129) Kph 3.19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 15
 KF-3.69 Fragments of slag (KF-129) 15
 KF-3.70 Obsidian (KF-128) 15
 KF-3.71 Obsidian (KF-124) 15
 KF-3.72 " (KF-93) Kph 3.24 12
 KF-3.73 pumice obj. KF-57 Kph 3.16 10
 KF-3.74 TC polisher KF-48 Kph 3.17 90

KF-3.73

grey porous
stone

part of dish?

Kph 3.16
12

176 (cont. from p. 182)

(KF-121) * Grave IX 28 VI 63

5.05 - 4.25 full small box

(KF-122) * Removal of graves XVIII, XXI 2 July 63

5.50 - 2.25 $\frac{1}{2}$ basket

(KF-123) * Area of grave XXIV

2 VII 63 6.00 - 5.15

(KF-124) * Surface remains from area
of cemetery 2 VII 63

(KF-125) Grave XXXII 3 VII 63 Angel, Ke⁴¹

5.15 - 4.95 (2 full large boxes) = Kph 11

(KF-126) * Removal of grave XXVI

3 VII 63 5.40 - 3.35 $\frac{1}{10}$ basket

(KF-127) Trench KFE - NOTHING FOUND

(KF-128) * Area of graves IX - XII 3 VII 63

4.30 - 2.60 $\frac{1}{2}$ basket

(KF-129) * Surface remains from settlement

4 VII 63

* indicates lots sorted in 1963 (preliminary sorting)

177 Drawings in Notebook XI (cont.)

35 Sketch plan, Grave I

36 Sketch plan, Graves I, III

37 Sketch plan, Grave IV

38 Sketch plan, Grave VI?

40 Sketch plan, Grave V

43 Sketch plan, Grave VII

47 Sketch plan, Graves I - VIII

48 Sketch plan, Below floor of Grave VIII

49 Sketch plan, Graves V, VIII

55-58 Sketch plan, Platforms ①-⑤, Grave IX

59 Plan, Cover slabs of Grave IX

60 Plan, Grave XI (with and w/o cover)

62 Plan, Cover slabs, Grave XII

63 Plan, Graves X, XII

24 sketch section of Grave XX

Drawings in Note book I

- 43 Sketch plan, Grave I
43 Sketch plan, Grave II (pithos burial)
42 Sketch plan, Kephala headland

Drawings in Notebook XI relating to Cemetery

- 78 Sketch plan, Grave XIII
81 Elevation, Above Platform ④
90 Plan, Section, Area KFA.
95 Section, KFA, KFB
110 Plan, Grave XVIII
111 Plan, Grave XX
112 Plan, Cover slabs of Grave XIX
117 Plan, Grave XIX
118 Plan, Grave XXI
119 Plan, Grave XIV
121 Plan, Cover slabs of Grave XXII
122 Plan, Grave XXII
127 Plan, Grave XXIII
131 Plan, Graves IV, XXIII - XXV
135 Plan, KFC, KFD
136 Plan, Grave XXVII
140 Plan, Cover slabs of XXIX and "wall AB"
141 Plan, Grave XXIX
147 Section, "Platform ⑩" / Grave XXXI before excavation
150 Plan, Grave IX
152 Plan, Cover slabs of Grave XXXII
153 Plan, Grave XXXII (over)

- Sheet 18 - Section, Grave XX (da, ββ) (1/10)
Plan, Grave XXVIII and wall E (1/20)
Sheet 19 - Sections, Grave XIX (εε, ζζ), Grave XXII (γγ, θθ) (Scale 1/10)
Sheet 20 - Section RS, Area of Graves XXIII - XXVI
Sheet 21 - Section, Grave XXVII (λλ, κκ) Scale 1/10
Plan, Grave XXVII
Sheet 22 - Plan, Grave XXII (Scale 1/20)
Sheet 23 - Plan, Platform ⑧ (Scale 1/20)
Sheet 24 - Plan, Graves IV, XXIV, XXVI (Scale 1/20)
Sheet 25 - Section, Graves XXIII - XXVI (λλ, μμ) (Scale 1/10)
Sheet 26 - Plan, Graves XXXI, IX (Scale 1/20)
Sheet 27 - Section, Graves XXXI, IX (νν, ξξ) (Scale 1/10)
Sheet 28 - Section, Grave XXIX (οο, ππ) (Scale 1/10)
Sheet 29 - Plan, W. Portion of Cemetery and "Dromos" (Scale 1/40)
Sheet 30 - Section, W. Portion of Cemetery (2 sheets: 30a, 30b) and "Dromos" (Scale 1/20) [ppos, ττ, υυ]
Drawings in Notebook X

Page

- 12 sketch plan, Graves XV, XVI, Platform ⑥, walls B, C
13 Sketch plan, Grave XVII (pithos burial), as related to Graves X, XII and Platforms ④, ③
14 Plan, Cover slabs of Grave XVIII
15 Plan, Cover slabs of Grave XX
16 Plan, Cover slabs of Grave XIX
19-20 Section, Grave XXVIII
21 Section, Grave XXI
23 Plan, Cover slabs of Grave XXII

KEPHALA DRAWINGS

- Sheet 1 - Plan of W. portion of cemetery
(scale 1/20).
- Sheet 2 - Plan of E. portion of cemetery
(scale 1/20)
- Sheet 3 - Section MN (sketch reconstruction)
(scale 1/20).
- Sheet 4 - Section KL (sketch reconstruction)
(scale 1/20)
- Sheet 5 - Section, Grave XI ($\alpha\beta$) and
(2 sheets: 5a, 5b) Grave XII ($\gamma\delta$) - (Scale 1/10)
- Sheet 6 - Section, Grave I ($\eta\theta$)
(Scale 1/10)
- Sheet 7 - Section, Grave V ($\epsilon\zeta$) (Scale 1/10)
- Sheet 8 - Plan, NW corner of Grave V
(Scale 1/20).
- Sheet 9 - Plan of extreme east of cemetery
(scale 1/20)
- Sheet 10 - Sketch plan of central area at
higher level (ca. 5.00 above sea)
- Sheet 11 - Section OP (sketch reconstruction)
(scale 1/20)
- Sheet 12 - Section, Graves VII, XIII ($\lambda\mu$) 1/10
(2 sheets: 12a, 12b)
- Sheet 13 - Sections, Grave XV ($\nu\zeta$), Grave X
(2 sheets: 13a, 13b) ($\eta\theta$), Grave IV (ψ).
- Sheet 14 - Plan of Graves XVIII - XXI (scale 1/20)
- Sheet 15 - Sketch plan of platforms and slabs
of Graves XVIII - XXI (Scale 1/20)
- Sheet 16 - Sections, Graves III (τ, υ), XVI (φ, ω)
(Scale 1/10)
- Sheet 17 - Section, Grave XVIII ($\gamma\delta$, $\epsilon\zeta$) (Scale 1/10)

KEPHALA PHOTOS (see also note book X,
pp. 25-27 : color
rolls II - III)

- 1.1 Pithos grave (II)
- 1.2 Digging
- 1.3 Pithos grave (apparently did not turn out)
- 1.4 Pithos grave (II)
- 1.5 Pithos grave (II)
- 1.6 Grave I
- 1.39 Cove and headland
- 1.40 Surf on east
- 1.41 Cove from east
- 1.42 Cove from NE
- 1.44 Neck
- 2.14 General
- 2.15 General
- 8.9 Neck from SW
- 8.10 Headland from So.
- 8.11 Grave VII from So.
- 8.37 General
- 8.38 Graves VI, VII from So.
- 8.39 Graves VI, VII from SW
- 8.40 Graves VI, VII from So.
- 9.3 Cover of grave XII from So.
- 9.4 Platform ③ and graves X - XI from NW
- 9.5 Same from SW.
- 9.6 Grave X from NE.
- 9.7 Cover of Grave X
- 9.8 Cover of Grave X
- 9.9 Under graves I and VIII from east. Platform
③ at center-right; Platform ① at bottom-
left; Platform ② at top-left.
- 9.10 Under I and VIII from SSW; platform ③.

- 9.11 Platforms ①-③ from north.
 9.13 Area of graves I and VIII from south.
 9.14 ? Platform ① from north.
 9.15 Looking east over area above graves X-XII
 at right is wall A above grave VI.
 9.16 Grave I from SW.
 9.17 Grave VIII from SE; note grave I at left.
 3.3 Trench KE, niche from SW.
 3.4 Trench KE, paved floor from west.
 3.5 Trench KE, pivot stone from south.
 3.6 Grave I from SW.
 3.7 Cover slabs of grave VI from south.
 3.8 Cover slabs of VI from NW.
 3.9 Cover slabs of VI from south.
 4.1 Kephala from north.
 4.2 Same
 4.3 Trench D before excavation, from west.
 4.4 E. end of niche from south (? before
 excavation).
 4.5 Kephala from north.
 4.6 } These do not exist.
 4.7 }
 4.8 Niche, from SE.
 4.9 Niche, from south.
 4.10 Trench D, wall A, from SW.
 4.11 Trench D, corner at E. end of wall A,
 from SW.
 4.12 Trench D, bed-rock and bench from So.

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Black and White, roll I (=KA 21)

- 1 5 Grave VII from above (N.)

- 2 6 Grave VII from south. Wall A at center-right.
 3 7 Grave VII from west. Wall A at left-center.
 4 8 Grave VII from east.
 5 9 Grave III from SSW.
 6 10 Grave I from SW.
 7 11 Grave I from SE.
 8 12 Grave XI from NW.
 9 13 Section of graves IX-XI from west.
 10 14 Graves X, XI, XII from NW.
 11 15 Rock scarp in front of (S.) and below
 graves X, XI from west.
 12 16 General view of main cemetery from SW.
 13 17 NW corner of grave I from SE.
 14 18 Graves VIII, IX from SSW
 15 19 Grave XI from SE (above).
 16 20 Graves XI, X, XII from SE.
 17 21 Cemetery from SE.
 18 22 Grave XII from west.
 19 23 Grave IX from south.
 20 24 Grave X from SW.
 21 25 Grave X from NW.
 22 26 General view from SW.
 23 27 Grave XIII from south } with pebble floor
 24 28 Grave XIII from SW } and 2 skulls.
 25 29 Grave XIII from So. - lower pebble floor
 at 3.38 m. - "headrest"
 articulated ribs
 26 30 Grave XIII from NW (above) - below floor.
 27 31 NW corner of grave I from SE in order to
 show whitish clay.
 28 32 NW corner of I and SE corner of platform
 ④ - shows relation of two from SE.

- 29 **33** General view of headland from SSW.
 30 **34** Grave XIII from south showing skulls
 below floor of large stones.
 31 **35** View of cemetery from east.
 32 **36** Grave XIII from south. Grave now completed

Black and white, roll II (=KA 22)

- 1 **3** Grave XIII from east (note corbelling).
 2 **4** Same from So. (note corbelling).
 3 **5** Same from further So.
 4 **6** NW corner of XIII from SE (note corbelling).
 5 **7** Doorway of XIII from So.
 6 **8** Central Area from west.
 7 **9** Platforms ⑦ and ④ from east.
 8 **10** New central area from NE.
 9 **11** Grave XV from NE (cover slabs in situ)
 10 **12** Same from NE (slabs fully exposed).
 11 **13** E. part of KFA-KFB from No. after
 removing one layer of small stones and
 one layer of large stones.
 12 **14** Graves XVI and XV from west.
 13 **15** Platform ④ and environs from NE.
 14 **16** Grave XV from No.
 15 **17** Wall A (cleaned) from east.
 16 **18** Same
 17 **19** Grave XVII from So. before removal of slab.
 18 **20** Wall A from SW.
 19 **21** Wall A from NW. ⑦, X and VI from So.
 20 **22** Grave XVI from SE.
 21 **23** Intersection of Platform ⑦ and Graves
 X and VI from So. from east.
 22 **24** Grave XVII from east.
 23 **25** XVII, ⑦, ④ and ⑥ from east.

- 24 **26** Platforms ⑥, ④, ⑦ from west.
 25 **27** ⑥, ⑦, ④ from So.; XIII in foreground.
 26 **28** Cover slabs of Grave XVIII from west.
 27 **29** Cover slabs of Grave XIX from east.
 28 **30** Cover slabs of Grave XX from So.
 29 **31** Platforms ⑦, ⑥, ⑦ from east.
 30 **32** Grave XIX in fore, I in rear, from E.
 31 **33** Grave I from SW.
 32 **34** Grave I, E. wall from west.
 33 **35** Grave XIV over XIX from No.
 34 **36** Grave I from east, overlying XIX.
 35 **37** Grave XVIII w. skeleton from east.

Black and white, roll III (=KA 23)

- 1 **8** Same as roll II, = 35 (=37)
 2 **9** Same (without 6" scale)
 3 **10** Grave XX from NE (above)
 4 **11** Grave XVIII from SE.
 5 **12** Grave XX from NW (above)
 6 **13** Grave XX from west.
 7 **14** Platform ⑦ and So. side of grave XX
 from NE (above).
 8 **15** Same from west.
 9 **16** Grave XIX from north (above)
 10 **17** Grave XXI from north (above). Note grave
 VII in rear and platform ⑦ at left.
 11 **18** Cover slabs of grave XXII from NW.
 12 **19** Grave XIX from No. (above) after cut 3.
 13 ***** Same from west. *** Print Missing**
 14 **21** Grave XXII from NE.
 15 **22** Grave XXII from E.
 16 **23** Grave XXII from N. (above). Cover slab in
 place at right.

- 17 **24** Grave XXV from east. Note skull in NE corner, lying next to frag. of cover slab.
 18 **25** Graves XXIII - XXV from NE (above).
 19 **26** Same from SSE.
 20 **27** Same from SSE.
 21 **28** Same from SSW. Note IV at right.
 22 **29** Grave XXVI with cover slabs in place from NW.
 23 **30** Same from south.
 24 **31** Grave XXVII from south (with skull and bones).
 25 **32** Same from SSE (in grave XIII).
 26 **33** Grave XXVI from NNW.
 27 **34** Grave XXIV from So. (Note cover slab in place).
 28 **35** Same from WNW.
 29 **36** Grave XXIX from NE (above) - with slabs.
 30 **37** Same from north (above) - with slabs.
 31 **38** Grave XXIX from NE (above) - note skull.
 32 **39** Same from east - Note bedrock at right.
 33 **40** Platform ⑧ from east. Grave XXVII in center.
 34 **41** Same from SSE.
 35 **42** Platform ⑨ from NW.

Aqfa Color, Roll I (=KC 11)

- 3 Kephala from So.
 4 Bay of Kephala from WNW.
 5 House wall
 6 Grave (before cleaning)
 7 Graves (" ") I - XII, from NE
 11 Graves XI, X from No.; portion of XII in foreground.
 12 Grave I from SSW
 13 General view of cemetery from SW. Note bedrock at right.
 14 Graves X, XII in rear, XI in foreground from ESE.

- 15 Cemetery from SSW.
 16 Grave XIII from So. (11 June 63)
 17 Grave XIII from So. (12 June 63)
 19 Grave XV from NW. (w. cover slabs)
 20 Grave XV and surrounding area from NW.
 21 Pithos burial XXVII, platform ⑦ and platform ⑥ from east; So. end of ④ at right.
 22 Platforms ④, ⑦ and ⑥ and grave XXII from ESE.
 23 Cemetery from west.
 24 " from WNW.
 25 " from east.
 26 " from ESE.
 27 " from SE.
 28 " from SSE.
 29 " from SSE (further away).
 34 Grave XX from No. (above)
 35 Grave XXIII from SSW.

Black and White, Roll IV (=KA 28)

- 1 **11** Cover slabs of grave XXX from ESE.
 2 **12** Same.
 3 **13** Same from WNW.
 4 **14** Platform ⑩ from south.
 5 **15** Platform ⑩ from SSE. Note remains of grave I at rear left.
 6 **16** General view of Cemetery from W. (28 VI 63)
 7 **17** Graves X, XIII, XXVIII, XIX, XX from WNW (same)
 8 **18** Platform ⑩, Grave IX from SSW 1/4 digging.
 9 **19** Cover Slab (?) in Platform ⑩ from east.
 10 **20** Grave IX from NW (above); note W. wall of VIII in fore. (see p. 165 for continuation)

KF-110 * Grave XXIX 26 VI 63
6.15-5.80 dozen sherds Angel, Kea 40

KF-111 * Area between graves VIII and XXIX
26 VI 63 6.00-5.70 $\frac{1}{2}$ basket

KF-112 * Grave XXVII 26 VI 63 (cut 2)
3.70-3.65 4 sherds

KF-113 * Platform ⑨ 26 VI 63
5.75-5.50 $\frac{1}{2}$ large box

KF-114 * Trench KFC (Wall E and
environs) 26 VI 63 4.02-3.40
 $\frac{1}{3}$ large box

KF-115 * Platform ⑩ 27 VI 63
3.90-3.25 $\frac{1}{2}$ basket

KF-116 * Grave XXX 27 VI 63 = VIII
5.60-5.10 $\frac{1}{2}$ basket

KF-117 * Area So. of Grave XXVI 27 VI 63
5.40-4.20 $\frac{1}{2}$ basket

KF-118 * Surface Sherds from Area of
Cemetery 27 VI 63

KF-119 * Area between graves IX and XXVI
27 VI 63 5.40-4.60 (full large box)

KF-120 * Platform ⑩ and Grave XXXI 28 VI 63
5.20-4.80

(See Page 170 for rest of lots)

KF-99 * Trench KFD (So. of Wall E) 133
24 VI 63 4.10-2.24 $\frac{1}{2}$ large box

KF-100 * Trench KFD (No. of Wall E) 133
24 VI 63 4.10-3.45 full large box

KF-101 * Grave XXV 133
24 VI 63 5.80-5.40

KF-102 * Grave XXVI Angel, Kea 38 134
24 VI 63 5.35-4.85 $\frac{1}{2}$ small box

KF-103 * Trench KFC (2^d cut) 134
24 VI 63 4.00-3.65

KF-104 * Grave XXVII Angel, Kea 39 134
24 VI 63 3.95-3.70
(3 tiny sherds - all discarded)

KF-105 * Grave XXVI 24 VI 63 137
4.85-4.40 $\frac{2}{3}$ little box

KF-106 * Grave XXIV 25 VI 63 138
6.05-5.42 full small box

KF-107 * Area north of Grave VIII 25 VI 63 138
6.50-6.00 $\frac{4}{5}$ large box

KF-108 * Trench KFC (3^d cut)
25 VI 63 3.65-2.60 $\frac{1}{2}$ basket

KF-109 * Area north of Grave VIII 26 VI 63 139
6.00-5.80 $\frac{2}{3}$ large box

KF-88 * Grave XIX 20 VI 63
3.42-3.07 1/4 large box

KF-89 * Grave XI 21 VI 63
4.00-3.43 2/3 small box

KF-90 * Grave XII 21 VI 63
3.85-2.51 1/3 small box

KF-91 * Grave XXV 21 VI 63 Angel, Ken 37
5.80-5.45 7 sherds

KF-92 * Grave XXV 21 VI 63
5.45-5.33 1/3 small box

KF-93 * Bottom of XXIII and top of XXIV
21 VI 63 6.10-5.83

KF-94 * Area between graves XXIII and XXV
21 VI 63 5.90-5.44 2/3 large box

KF-95 * Area So. of So. wall of grave XXV 22 VI 63
5.40-5.20 1/4 large box

KF-96 * Along E. wall of XXV-XXIII (between them
and grave IV) 22 VI 63
6.20-5.40 1/3 large box

KF-97 * Along W. wall of XXIII-XXVI
22 VI 63 6.05-5.20

KF-98 * Trench KFC 24 VI 63
4.30-3.85 1/4 basket (1st cut)

121 KF-77 * Grave XX 19 VI 63
4.10-4.05

121 KF-78 Grave XVIII 19 VI 63
3.50-3.05 1/2 dozen sherds

121 KF-79 * So. Wall of XX 19 VI 63
and around ⑦

KF-80 * Grave XIX 19 VI 63
3.65-3.55 dozen sherds

121 KF-81 * Grave XX 19 VI 63
4.25-4.08 2/3 large box

128 KF-82 * Grave XXI 19 VI 63
4.08-3.60 1/5 basket

130 KF-83 * Grave XIV 19 VI 63
4.00-3.78 Full large box

130 KF-84 * Platform ⑦ 19 VI 63
4.30-4.01 1/4 large box

130 KF-85 * Grave XIX 20 VI 63
3.55-3.42 1/3 large box

132 KF-86 * Grave XXII 20 VI 63 Angel, Ken 36
4.00-3.50 3/4 small box

133 KF-87 * Grave XXII 20 VI 63
3.50-2.85 1/3 small box

KF-67 Grave XVII 17 VI 63 Kpl. 16 106
4.30 - 3.95 m. $\frac{1}{4}$ basket Angel, Kea 29a

KF-68 * Platform ⑥ 17 VI 63
4.87 - 4.38 $\frac{1}{2}$ large box

KF-69 * Platform ④ 17 VI 63
5.00 - 4.65 $\frac{4}{5}$ large box

KF-70 * Area W. of ⑥ and NW of XIV *
17 VI 63
4.45 - 4.15 $\frac{1}{2}$ large box

KF-71 * Grave XVIII 18 VI 63 Angel, Kea 30 110
4.20 - 3.74 $\frac{1}{3}$ small box

KF-72 Grave XX 18 VI 63 Angel, Kea 35 111
4.64 - 4.10 full large box

KF-73 * East wall of Grave I and
around cover slab of XIX, 18 VI 63
4.33 - 3.90 $\frac{1}{6}$ large box

KF-74 * Grave XIX 18 VI 63
4.12 - 3.65 $\frac{1}{3}$ small box

KF-75 * Grave XVIII 19 VI 63
3.74 - 3.60 $\frac{1}{4}$ small box

KF-76 * Grave XVIII 19 VI 63
3.60 - 3.42 ca. 10 small shards

KF-56 * Area E. of grave XV 15 VI 63 100
4.62 - 4.14 $\frac{1}{10}$ basket

KF-57 * Grave XIV 15 VI 63 100
4.05 - 3.55 $\frac{1}{4}$ basket

KF-58 * Wall C and area north 15 VI 63 102
4.70 - 4.10 $\frac{1}{4}$ large box

KF-59 * and W. wall of V
Directly over platform ④ 15 VI 63 101
5.20 - 5.06 Full large box

KF-60 * Area between B, C and D, north
of XV, 15 VI 63 4.85 - 4.67 102
(Grave XVI)

KF-61 * Area north of wall B and around
B itself, 15 VI 63, 5.35 - 4.58 full 102
larger box

KF-62 * Space north of A and south
of XV, 15 VI 63 4.62 - 4.32 103
Full box

KF-63 * Grave XVI, 15 VI 63 103
4.67 - 4.38 $\frac{1}{2}$ larger brown box.

KF-64 * Around wall A, 17 VI 63 105-108
ca. 4.35 - 4.20 $\frac{1}{6}$ basket

KF-65 * Area of graves XV-XVI, 17 VI 63 106
5.00 - 4.25, $\frac{2}{3}$ larger box

KF-66 * Area of grave XVII, 17 VI 63 106
4.30 - 3.89 m. Full box

- KF-46 * Area over "platform (4)"
12 VI 63 5.82-4.99 $\frac{1}{9}$ basket
- KF-47 Scarp of layer below W. wall
of grave I and above E. wall of
platform (4)
12 VI 63 5.17-5.04
- KF-48 * Area KFA 13 VI 63
6.29-4.99 $\frac{1}{3}$ basket
- KF-49 * Grave XIII 13 VI 63
3.30 - bedrock (3.19/3.14) 9 sherds
Angel, Kea 21, 22, 23, 23a, 23b, 24, 25, 26, 27, 28, 29
- KF-50 * In front of grave XIII 13 VI 63
0-0.20 below level of doorway;
8 sherds.
- KF-51 * Area KFB 13 VI 63
5.14-4.05 $\frac{1}{2}$ basket
- KF-52 * Grave I 14 VI 63
3.50 - 2.92 $\frac{1}{10}$ basket
- KF-53 * Above grave XV 14 VI 63
4.78-4.69 $\frac{1}{2}$ large box
- KF-54 * So of grave I 14 VI 63
4.10-3.58 $\frac{2}{3}$ large box
- KF-55 * Grave XV 14 VI 63
4.66-4.36/4.31 $\frac{1}{2}$ small box

- KF-31 : F, Removal of platform 59.
1, above Ossuary XI
- KF-32 : F, contents of ossuary 54/60
IX Angel, Kea 17
- KF-33 : F, contents of ossuary X 61
Angel, Kea 18, 18a
- KF-34 : F, contents of ossuary XI 60
Angel, Kea 19, 19a
- KF-35 : F, Removal of platform 5. 61.
- KF-36 : F, immediately north- 61.
west of X, and west
of Ossuary XII, circa
4.45 m height.
- KF-37 : F, contents of ossuary XII 64.
Angel, Kea 20
- KF-38 * Grave I, cleaning 72
2 bags
- KF-39 * Grave XIII, above pebble floor 78
Angel, Kea 21
- KF-40 * Area around grave XIII 78
- KF-41 * Surface sherds from area 79
of grave I
- KF-42 * Area over platform (4) 79
11 VI 63 5.84-5.23 10%
- KF-43 * Grave XIII, below pebble floor 81/23,
85
12 VI 63 3.45-3.38 Angel, Kea 22, 24
- KF-44 * Area over platform (4) 85
12 VI 63 5.23-4.82 full box.
- KF-45 * Grave XIII 85
12 VI 63 3.38-3.30 Angel, Kea 23, 23a,
23b, 25

gation of stones immediately
north of KF-A

KF-24: F, between stone congre- 52.
gation of KF-24 and Os-
suary V, and 40 cms to
the east, 15 cms cut.

KF-25: F, 10 cms below KF-24, 52.
except where slab tomb
(feature 3) is emerging

KF-26: F, clearing off of eastern 52.
constructed feature (above
ossuary IX and XI)

KF-27: F, Removal of upper two 53.
"steps" of eastern con-
structed feature.

KF-28: F, Eastern constructed fea- 53
ture, second step, below
slabs whose top is at
4.85 m height.

KF-29: F, Removal of loose sto- 53
nes between feature 1
and 2.

KF-30: F, Removal of platform 58.
2, above Ossuary X

KF-15: F, below Ossuary V, north 44.
cut, 15 cms.

KF-16: F, below Ossuary V, tenth 44.
cut, 5-10 cms clearing
in southeast half, 40 cms
in northwest corner.

KF-17: F, "Area around V and 46
VIII, clearing and 10-15
cm surface cut.

KF-18: F, Ossuary VIII, top 20 cms 46

KF-19: F, "Area around V and 46.
VIII, below the standing tops
of grave walls, to the e-w
row of stones on the S.
(includes some shards from
within wall and clay bed-
ding of VIII)

KF-20: F, Ossuary VIII, below 48.
floor

KF-21: F, "Around V and VIII, 49.
third cut, circa 15 cms.

KF-22: F, Between Ossuary V 50.
and wall KF-A, 10 cms

KF-23: F, clearing off of congre- 50

KF-3.31	Obsidian	(KF-70)	109
KF-3.32	Obsidian	(KF-73)	113
KF-3.33	Large Obsidian Blade	(KF-72) ^{Kpl 3.5}	115
KF-3.34	TC disk	(KF-72)	115
KF-3.35	Obsidian	(KF-72)	115
KF-3.36	Obsidian	(KF-75)	116
KF-3.37	Reddish earth from XIX	} NT to U.S. (KF-80)	120
KF-3.38	Regular " " "		120
KF-3.39	Obsidian	(KF-83)	120
KF-3.40	Obsidian	(KF-84)	120
KF-3.41	Frags. of stone axe	(KF-84)	121
KF-3.42	Obsidian	(KF-86)	124
KF-3.43	Obsidian	(KF-52)	126
KF-3.44	Obsidian	(KF-96)	130
KF-3.45	Pot	(KF-97)	132
KF-3.46	Flint arrowhead	(Kpl 3.7 surface find)	132
KF-3.47	Obsidian	(KF-54)	133
KF-3.48	Obsidian	(KF-97)	133
KF-3.49	Obsidian	(KF-98)	134
KF-3.50	Obsidian	(KF-100)	136
KF-3.51	Obsidian	(KF-98)	137
KF-3.52	Marble boomerang	(KF-107) ^{Kpl 3.4}	139
KF-3.53	Obsidian	(KF-103)	139
KF-3.54	Obsidian	(KF-107)	138
KF-3.55	Obsidian	(KF-109)	140
KF-3.56	Obsidian	(KF-110)	141
KF-3.57	Obsidian	(KF-111)	142
KF-3.58	Obsidian	(KF-113)	143
KF-3.59	Obsidian blade	(KF-116) ^{Kpl 3.14}	145
KF-3.60	Obsidian	(KF-116)	145
KF-3.61	Obsidian	(KF-115)	146
KF-3.62	Obsidian	(KF-108)	149

(See p. 168 for continuation)

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KF-3.1	Obsidian arrowhead	(Kpl 3.1) 71-2
KF-3.2	obsidian frags.	72
KF-3.3	Obsidian frags.	78
KF-3.4	Shell	(KF-39) 79
KF-3.5	Obsidian	(KF-39) 83
KF-3.6	Obsidian arrowhead	(KF-44) ^{Kpl 3.2} 83
KF-3.7	Obsidian frags.	(KF-44) 85
KF-3.8	Obsidian frags.	(KF-46) 89
KF-3.9	Stone lid	(KF-49) 91
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- between bedrock "wall" of
[KD-19], surface to 10 cms.
- [KD-17]: D, below [KD-16], to bedrock 26.
- [KD-18]: D, south of wall KD-F 27
to sudden drop in bed-
rock above niche, to bedrock.
- [KD-19]: D, south face of wall 28
KD-F to KD-C, surface
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- [KD-20]: D, below [KD-19], 10-30 cms. 28
- [KD-21]: D, contents of niche 29
- [KD-22]: D, below [KD-20], to bedrock 32
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- [KF-1]: F, Ossuary I, mostly below 35
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- [KF-2]: F, Ossuary VI Angel, Kea 37
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lower portion, surface to top of horizontally lying stones in upper part.

(KO-9): D, along west facade of wall KO-D to bedrock, and in niche to top of waterworn rocks. 22

(KO-10): D, rectangle in figure 5 23 as "not dug yet," to bedrock.

(KO-11): D, dirt underlying slabs in figure 6, to bedrock. 22

(KO-12): D, east of initial trench between walls KO-A and KO-B, to bedrock. 23

(KO-13): D, fill behind wall KO-A, to bedrock. 24

(KO-14): D, east of initial trench between wall KO-B and line of bedrock which rises to intercept initial trench at ? to bedrock. 24

(KO-15): D, east of (KO-14), to bedrock. 25

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(KO-6): D, from initial trench to southeast corner, KO-A to 80 cms south, surface to 30. 18

(KO-7): D, below (KO-6) to top of dirt floor. 18

(KO-8): D, Area enclosed by solid red line in figure 5, surface to bedrock in 21

$$\begin{array}{r} 6.64 \\ 1.45 \\ \hline 175.20 \end{array}$$

$$\begin{array}{r} 26 \\ 223 \\ \hline \end{array}$$

$$\begin{array}{r} 5.05 \\ 2.23 \\ \hline 2.92 \end{array}$$

$$\begin{array}{r} 4.80 \\ 5.15 \\ \hline 1.25 \end{array}$$

$$\begin{array}{r} 6.4 \\ 1.25 \\ \hline \end{array}$$

$$\begin{array}{r} 539 \\ \hline \end{array}$$

$$\begin{array}{r} 515 \\ 86 \\ \hline 129 \end{array}$$

$$\begin{array}{r} 4.21 \\ 1.70 \\ \hline 2.51 \end{array}$$

$$\begin{array}{r} 6.29 \\ 1.63 \\ \hline 4.66 \end{array}$$

$$\begin{array}{r} 5.40 \\ 1.55 \\ \hline 4.25 \end{array}$$

$$\begin{array}{r} 6.02 \\ 1.40 \\ \hline 4.62 \end{array}$$

$$\begin{array}{r} 5.90 \\ 1.57 \\ \hline 4.33 \end{array}$$

$$\begin{array}{r} 4.87 \\ 1.46 \\ \hline 3.43 \end{array}$$

$$\begin{array}{r} 5.94 \\ 1.55 \\ \hline 4.41 \end{array}$$

$$\begin{array}{r} 6.29 \\ 1.97 \\ \hline 4.32 \end{array}$$

$$\begin{array}{r} 5.15 \\ 1.15 \\ \hline 3.50 \end{array}$$

$$\begin{array}{r} 4.57 \\ \hline \end{array}$$

$$\begin{array}{r} 1.41 \\ 1.64 \\ \hline 1.77 \end{array}$$

$$\begin{array}{r} 5.90 \\ 1.78 \\ \hline \end{array}$$

$$4.51$$

$$\begin{array}{r} 6.02 \\ 1.78 \\ \hline 5.24 \end{array}$$

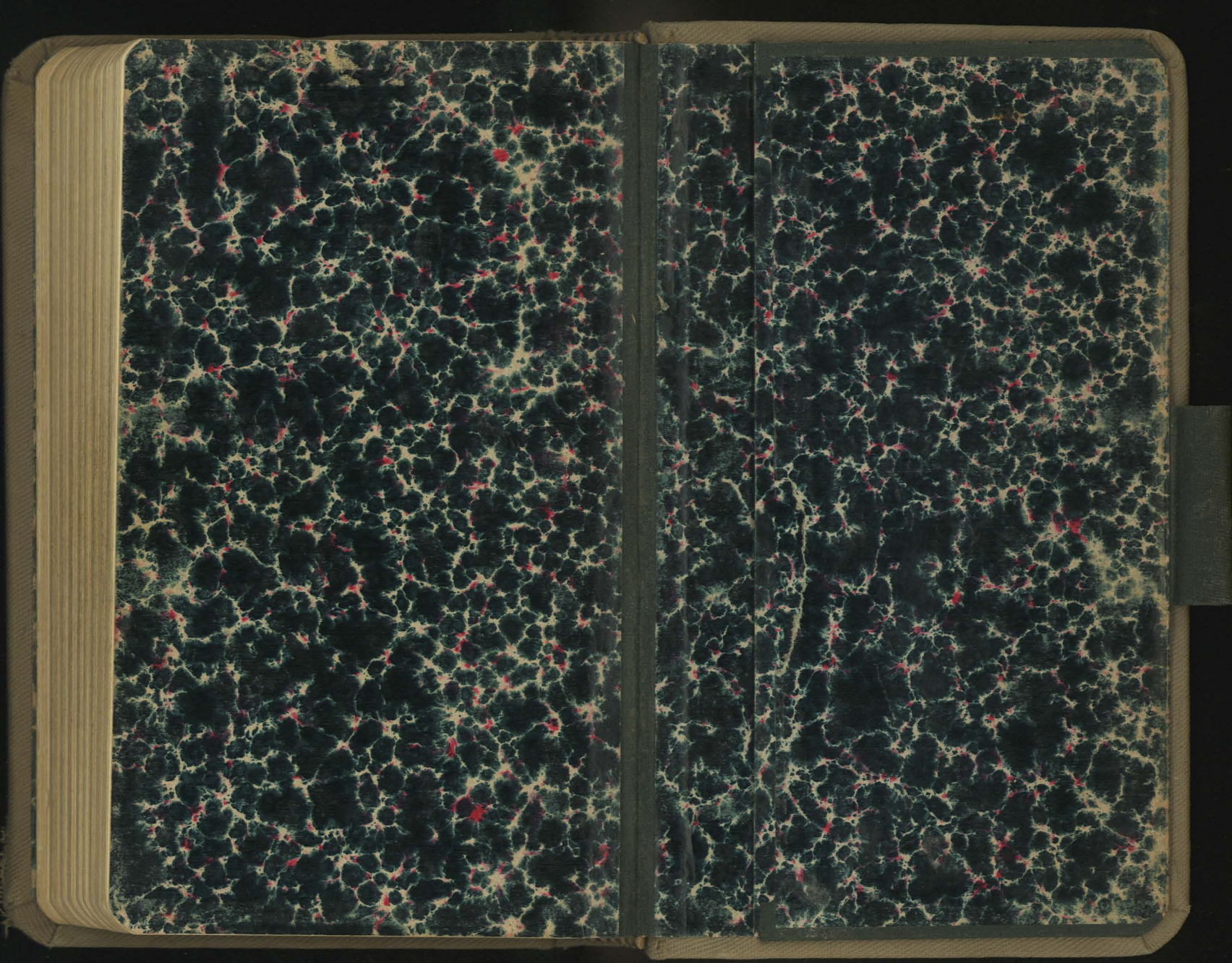
$$\begin{array}{r} 6.02 \\ 1.91 \\ \hline 4.06 \end{array}$$

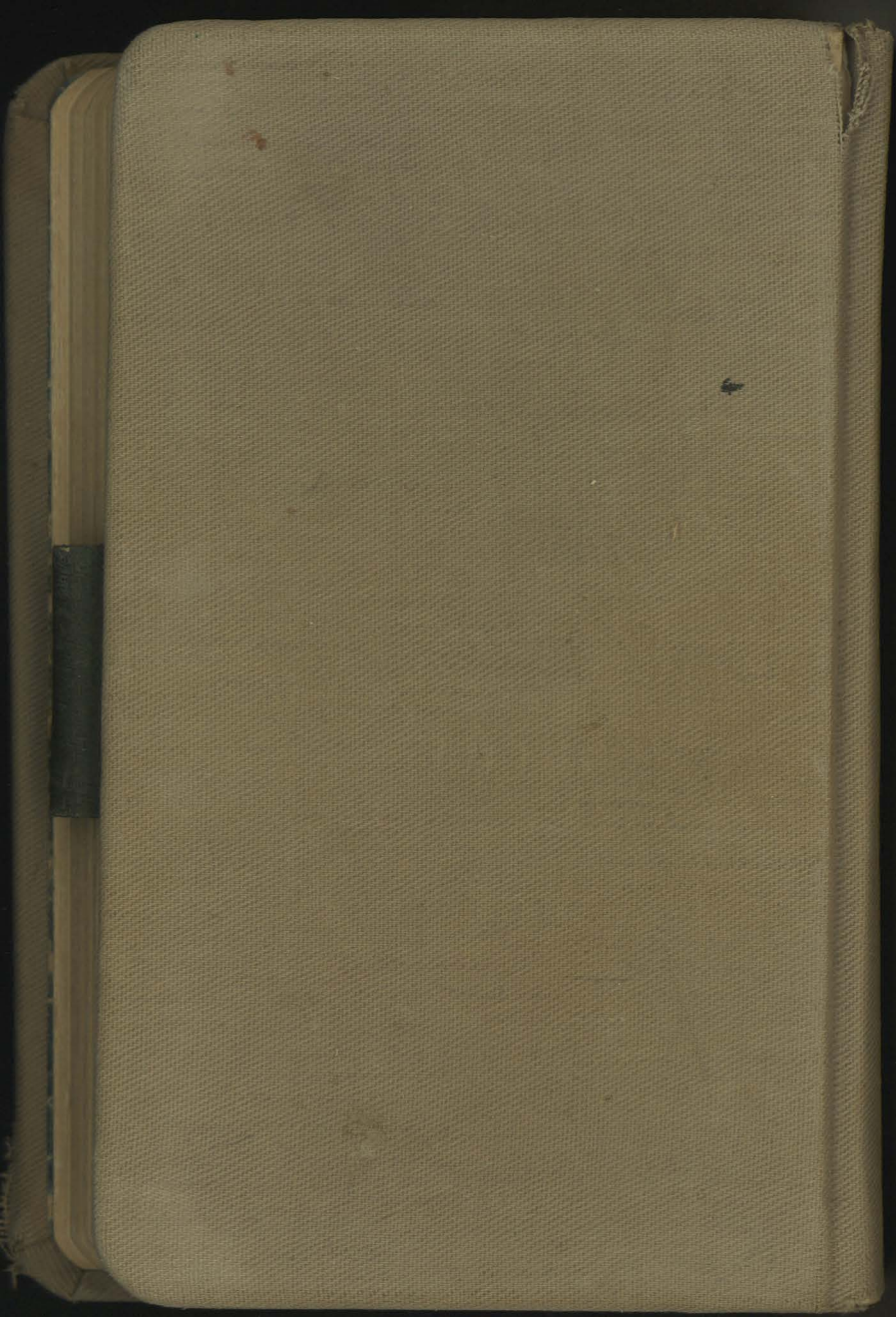
$$\begin{array}{r} 6.64 \\ 1.85 \\ \hline 5.79 \end{array}$$

$$\begin{array}{r} 6.25 \\ 1.43 \\ \hline 4.80 \end{array}$$

$$\begin{array}{r} 123 \\ 68 \\ \hline 291 \end{array}$$

$$\begin{array}{r} 5.15 \\ 2.31 \\ \hline 2.24 \end{array}$$





K

XI

K