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**CDI
ACCESSION
NUMBER:**

000165

ERRATA:

Handwriting from opposite side comes through the paper.

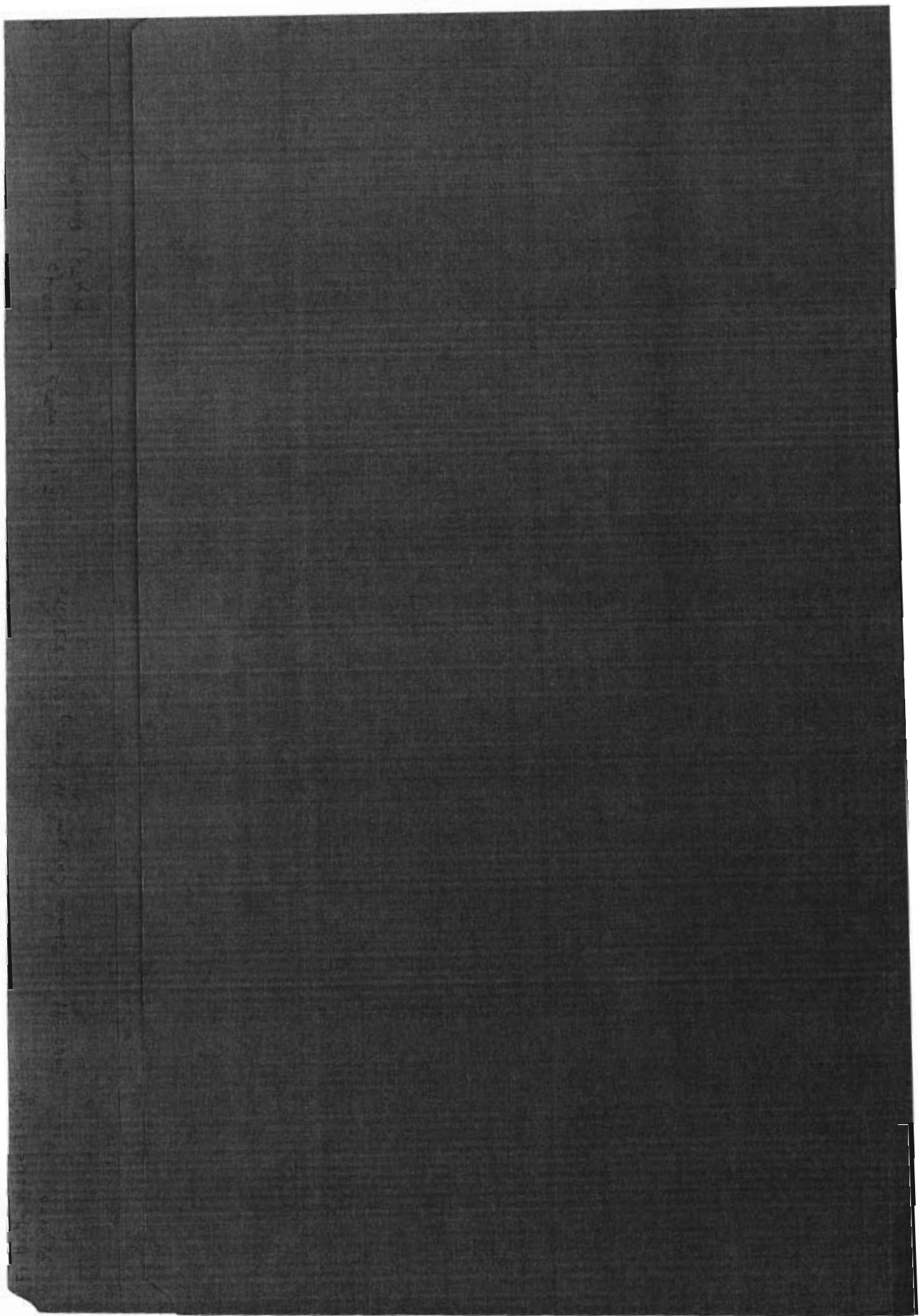
COMMENTS:

Handwritten and difficult to read in some places.

CITATION:

Kyte, Dorothy
1940 Bc 53, Field Notes. In Papers of Frank H. H. Roberts, Box 8, National Anthropological Archives, Smithsonian Institution, Washington, D. C.





Room III.

Level I.	0 - 20"	20"	Level
Level II.	20 - 29"	9"	"
Level III.	29 - 34"	5"	"
Level IV.	34 - 42"	8"	"
Level V.	42 - 49"	7"	"
Level VI.	49 - 61"	11"	"
Level VII.	61" - 70"	9"	"

Sherd % in back of notebook

August 5, 1940

Removed rocks and weeds from
new site Bc 53, after sacking surface sherds.

August 6, 1940

Investigated the possibility of
a wall running perpendicular
to Trench B at a distance of c. 10 ft
from its Sw end, but no evidence
to support the existence of one
was found.

The outside of the Ne-Nw wall of Temporary
Room I was outlined to the
point where the corner should be if
parallel with the Se-Sw wall. Much of the upper part
had fallen out of place. A few
sherds - black on whites and
corrugated eulany ware were
unearthed and sacked with
those from Trench I.

August 7

Followed the outside wall of Room 10
and II. (North) and discovered that
it did not continue Sward but
turned to the E. The fill varied
from very hard - with a large
amount of adobe as well as
fallen wall rocks to a
very soft kind tunnelled
by fossorial animals. The sherds
were fairly numerous and con-
sisted of Pot and all with
Exuberant corrugated - making up
more than half and Gallup
Black on white about a fifth of
the total number.

August 8

Assigned to Room III with Jack Anderson as partner. Level I was partially removed and yielded a broken mass of sandstone 29" from the S wall and 61" from the E wall. The other part was found 38" from the S wall and 62" from the E wall. Another portion of a broken mass was unearthed 40" from the E wall and 9" from the S wall. Shells were quite scarce with a preponderance of Exuberant corrugated and Hedley's Black-on-white. An L-shaped block of fill is to be left in situ for a stratigraphy test. Fill was very rocky and quite hard thru' out much of it.

August 9

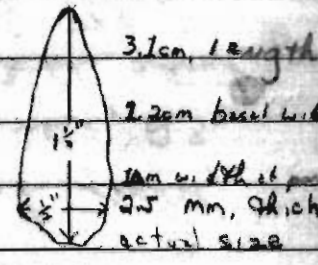
The small remaining portion of Level I in the SW corner of the room was removed yielding 23 sherds with Excelsior corrugated and Gallup Black on white still in the majority.

A piece of datable charcoal, juniper, was excavated at a depth of 13" below the Benchmark 2-3-4, 43" from the SE corner against the S wall. The rings became so small that it was not practical to date it, however.

Level I included approximately 20" measured from the Benchmark 2-3-4.

The sherds were much more numerous in the SW corner, 23 being removed from an area about $\frac{1}{8}$ of the entire level and this number almost equaled that from the rest of the level. Again Excelsior corrugated and Gallup Black on white formed a majority of the 59 sherds.

Level II yielded but one artifact - a chalcidony arrowhead which was found 25" below Bon 2-3-4, 52" from the Se corner against the S wall, and had a broken base. It was $\frac{1}{8}$ " thick. Bc53²³



Level II was also very rocky with fairly hard fill and sherd were again quite scarce. It was an 9" level going from a depth of 20 to 28" below Bon 2-3-4. No corner 28 1/2", Se corner 28 1/2"; Nw corner 29" all measured from the Bon 2-3-4.

There were 75 sherds and still Exuberant corrugated and Gallup Black on white made up more than half this total.

August 10

Commenced Level III^{at} and excavated

August 10


Commenced Level III^{at} and excavated the point of a bone awl Bc53²⁰/₂₀ 33 $\frac{1}{2}$ " below the Bm 2-3-4, 15" from the S. and 23" from the E. wall. ^{2.9 long}

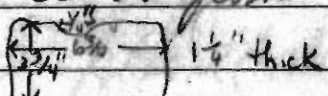
An ^{notched} arrowhead was recovered from the fill of Level III which was of milky quartz 2.4 cm. long and .8 cm. wide. Bc53²²/₈ 2.4 long; .8 wide


A bone awl or roller the point of one edge was found in the fill which measured 3.4 cm. long and 1.5 cm. wide. Bc53²⁰/₂₁

The measurements for Level III were: 35" Nc corner; 35" Nw corner; 35" Sw corner and 32" Se corner below the Bm 2-3-4 which made the average 34". (134 studs still same dis-

tribution) The fill was less rocky and a little softer in Level III and the artifacts more numerous so trowels replaced shovels in the start made on Level II.

August 12 6.4 cm, long
4 cm wide
9 cm thick
 B⁵³₂₈ Work on Level IV - running from about
 34" below Bm 2-3-4 - continued and yielded
 a piece of worked stone 39½" below the Bm
 234, 15½" from the S, and 43" from the E wall.
 The point of a bone ^{and} was excavated also depth
 of 38" below Bm 2-3-4, 19½"
 from E, and 43" from S wall. B₅₃³⁰/₂₃ 

There was a faint charcoal lens
 running from W to E in a downward
 direction about midway between the N & S
 walls, varying from a 2" to nothing.
 Excavated a pot possibly restorable 30½"
 below Bm 234, pieces found from 33-52" from
 E wall and 44-58" from S wall.  1½" thick

A menolike stone with
 possibly a pecked hole was excavated 30½" from 24, 36" E of
 the point of a bone ^{and} cow from 30½" below Bm 2-3-4, 36"
 from the E wall, 76" from S wall B₅₃³⁰/₂₂  .3 cm wide

B₅₃³⁰/₂₅ A white bone head was uncovered
 from the fill of Level IV measuring
 1/32" by 3/32" with diameter of hole 1/16". ^{Dist. 1/2"}

Level IV measured from Bm 2-3-4 was 42" in the
 S and N corners and 42½" in N and 40½" in E. The fill
 was stiffer and the shells more numerous. It
 yielded 198 shells still some discolored but more excavated

August 16

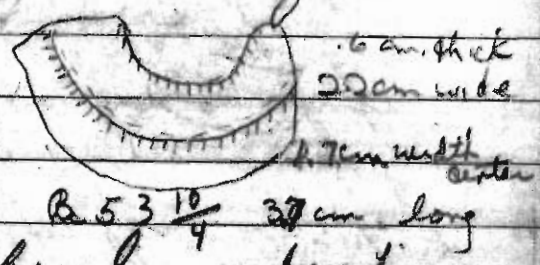
Work was begun on Level V.

Level V measured from ~~cm~~ 2-3-4 was 42 in the
 Since Ne cornered $45\frac{1}{2}$ " in Nw and $40\frac{1}{2}$ " ^{at 42"} Se. The fill
 was stiffer and the shreds more numerous. It
 yielded 198 shreds still some distribution but more Cacarela.

August 16

Work was begun on Level V.
 which commenced at a depth
 of approximately 42". A worked
 sherd - the lower part of a
 corrugated vessel which had
 been smoothed - was found
 46" below the Base 2-3-4,
 8" from the South and 54" from
 the East wall.

It measured $1\frac{7}{8}$ "
 (at its greatest length)
 and $\frac{1}{2}$ " wide



Parts of a bowl which
 may prove to be restorable
 were found in and near the ^W cut
 strata, so the shreds easily assembled
 were packed and marked accordingly. B. 53

A portion of a man was unrolled
 50 1/2" below Base 2-3-4, 2 1/2" from the S
 and 75 1/2" from the E wall.



It measured $1\frac{1}{16}$ " in thickness.

A crude red tablet with
 hematite visible in several
 places was found 47" below Bm 2-3-4 B. 53 ²⁰/₂₆

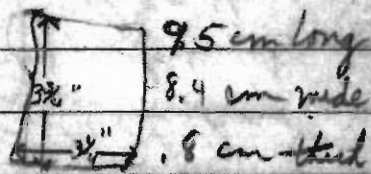


61" from the S. and 70" from the E wall. Its measurements were: ^{10.2 cm} 4" long, ^{6.6 cm} 2 1/8" wide, and ^{1.5 cm} 3/8" thick.

Another possibly restorable bowl was excavated 37" below Bm 2-3-4, 22" from the E wall and 68" from the S. Not Restorable. Per Meas P.M. Level I began at approximately 42" and reached 49 1/2" in the S.W. corner, and 49" in the S.E., N.E., and N.W. corners measuring from the Bm 2-3-4. *

Another broken ss. tablet showing better workmanship was found at a depth of 61" below the Bm 2-3-4, and 61" from the E. wall and 50" from the S. wall. It was well smoothed and quite fine grained.

Its thickness was ^{5/16"} 5/16". Be 53 ²⁰/₂₇



Shards from another pot which may prove restorable were found in and near the N. wing of the strat L 39" below Bm 2-3-4, and 41" from the E Wall.

A small polishing stone was excavated 59 1/4" below Bm 2-3-4, and 41" from the E Wall.

low Bm 2-3-4, Ind 41" from the E Wall.

diameter 4.1cm

A small polishing stone was excavated 59 $\frac{1}{4}$ " below Bm 2-3-4, 28 $\frac{1}{2}$ " from the S wall and 47 $\frac{1}{2}$ " from the E wall. Its greatest diameter was about 2 $\frac{15}{16}$ " and its greatest thickness $\frac{7}{8}$ ".
Ba53 $\frac{20}{29}$ diameter 4.1cm.

+

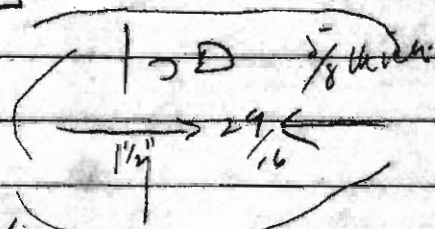
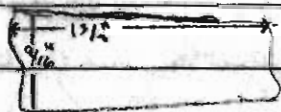
* Level I showed the first decrease in the accelerating number of sheds. It contained 137 (as against 198 for Level II.) and the proportional distribution differed from the first time the maximum Bellup B-W (45) over Casarodda = c(37) sheds and Casarodda B-W (26) almost equaled Casarodda.

August 17 - Work done only by myself
for hereon.

Measurements of the depth below
the Ben 2-3-4 ^{Level 11} were taken. About the
results were: Ne 59"; Nw 62³/₄"; Sw 61¹/₄"
Se 61³/₄" giving an average depth
of c. 61".

The Level 11 fill was very soft with
quite an admixture of ash in the
Se corner but quite a bit harder
in the Sw corner but got softer as
moved in a Northward direction.

A portion of a mans' foot pro-
bably was found 13" from the E wall,
47" from the W wall and 62³/₄" below the
Ben 2-3-4.

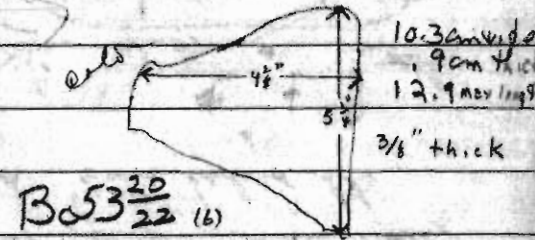
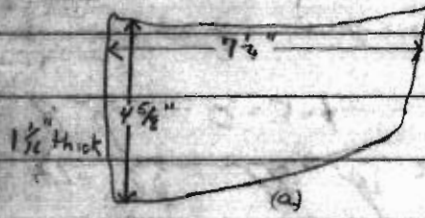


A worked bone which
apparently had been charred somewhat
and then very well polished was
found 61¹/₄" below the Ben 2-3-4, from the
Se corner fill. Bl 53³/₄ 13.2 cm long
1.2 cm wide

Not
reparable

Parts of a possibly restorable
part were left in situ as much
or more as could be so that it
could be taken out after the surroun-
ing fill had been taken down.

A smoothed stone (a) was excavated
64 1/2" below the Bm 2-3-4, 34" from
the S. and 49" from the E. wall.



B53²⁰/₂₃ (b)

A sandal (c) last which was stained,
intentionally or otherwise, with yellow
ochre was discovered 69" below
the Bm 2-3-4, 71" and 29 3/4" respectively
from the E. and S. walls.

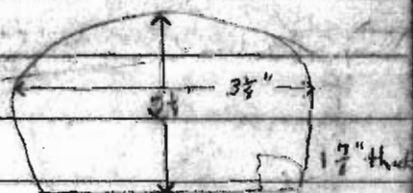
August 17 - P.M.

Continued Level VII - the fill in the

August 17 - P.M.

Continued Level VII - The fill in the N. half of the room being unevenly quite soft but with quite a few small sized rocks there was quite a little ash especially in the N. part of the room against and near the stratigraphy cut. It was not in any regularly defined lense but appeared sporadically and usually mixed with the other fill.

A hammerstone was excavated 63" below Bm 2-3-4, 43" and 67½" from the S. & E. walls respectively.



Shards from a gray chaco corrugated vessel were soaked while other pieces can be seen in the W. side of the stratigraphy cut. They are about 63" below the Bm 2-3-4 and 65" from the S. wall.

A nose plug (?) made of stone closely resembling alabaster Bc 53 2/3"

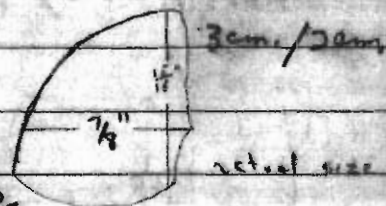


with a brown element furnishing an interior [It was 68 1/2" below Bm 2-3-4, 60" from S. & 70" from E. wall.]

esting natural design ^{of the house} It was
very carefully smoothed and
symmetrically finished It lacked
any hole through it otherwise.

A piece of datable charcoal
was found 63" below Bm 2-3-4, 68"
and 69" from the S and E walls re-
spectively.

A fragment of
a bone implement
possibly from a San
Juan scraper which
were usually made B.C. 53³⁰/₂₉



from the fragment of a
deer - was found 64" below the Bm 2-3-4,
69" and 54 1/2" from the S and E walls
respectively.

Bone of miscellaneous nature
occurred very frequently and perhaps
more numerous by far than
any other level to date by far

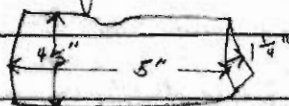
August 1942 P.M.

Continued taking Level VIII to
the N wall. It produced:

August 19th PM

Continued taking Level VII to the N wall. It produced:

a broken man, $3\frac{1}{2}$ " from the E wall against the strat out 57" below the Bm 2-3-4

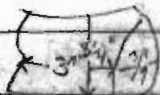


a human tooth having at least three cavities and in a bad state of preservation was found 67 3/4" below Bm 2-3-4, 42 1/2" from the E and 80" from the S wall.



The possibly restorable pot, of Red Neze Black-on-white, which had been encountered previously but left so that it could be excavated more carefully when the surrounding fill had been removed, was removed. Its part were found from about 25-40" from the E and 0-19" from the S wall.

In the process of removing the pot a man - a part of one - was excavated 65" below the Bm 2-3-4 11" from the S and 31" from the E wall.



The level - VII - had been carried down to the floor which determined its lower limit. It measured $72\frac{1}{2}$ " on the Se, $68\frac{1}{2}$ " on the Ne, $68\frac{3}{4}$ " on the Nw, and $70\frac{1}{4}$ " on the Sw corner below the Bm 2:3-4 making an average of 70", therefore level VII was an nine inch level.

The West section of the L- stratigraphy cut was partially plotted on graph paper, after the floor had been brushed off.

August 20th P.M.

The sketching of the stratigraphy of the W-section of the L-cut was

August 24 P.M.

The sketching of the stratigraphy of the W-section of the ~~cut~~ was completed and the W cut was done. The results were:

- (1) A section of very hard fill composed of large rocks and sand which broadened out as it went from South to North.
- (2) A narrow sand lense
- (3) Sand and ash with some charcoal.
- (4) A fire charcoal lense
- (5) Sand and adobe layer
- (6) Sand and ash mixture
- (7) Narrow ash lense
- (8) Sand with some admixture of ash
- (9) Sand and adobe mixture
- (10) Largely Sand layer
- (11) Sand, adobe and some ash
- (12) Sand and adobe
- (13) A water laid sand stratum
- (14) Sand and adobe
- (15) Ash lenses interspersed in loose sand fill

The North section of the L-cut
had the following strata:

- (1) Thick layer averaging
about 25" of large rocks, sand
and ash
- (2) Sand layer
- (3) Ash and sand ending in a
- (4) Large rock
- (5) Fine ash lense from the corner
- (6) Ash and sand stratum
with an almost continuous ash
lense - very fine - running
about thru the middle of it
and ending at the N.E. pt.
- (7) Large rock
- (8) Thin bed of sand and ash
with an about the center just above
the floor a
- (9) Layer of sand and ash

August 21st

Level I of the stratigraphy cut

August 21st

Level I of the stratigraphy cut was taken down. It was quite naturally very rocky throughout almost all of it and mixed with hard shale from the wells.

A smoothed greyish siltstone, possibly a plaque - was excavated from the W stratigraphy cut 13" below Ben 2-3-4, 12 1/2" from the S and 6 1/2" from the W wall. It was 4.7 cm wide, 3.1 cm long, 1 1/8" thick, 1 1/4" Bc 53 20/26.

The shells were not very numerous and Exuberant Corrugated and Gallup Black or white were in the majority, and were concentrated largely in the NW corner of the cut.

August 22nd & 23rd

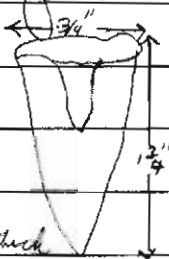
No excavations on Room
III. (Mesa Verde trip)

August 24th

Level III. of the stratigraphy cut was taken down. It yielded a bone and which was in very poor condition and needed a lar.

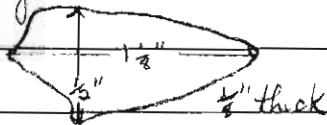
It was found 15" from the S, 2" from the W wall, 22" below Bm 2-3-4.

It has not yet been catalogued $\frac{1}{2}$ " thick



An ^{port} ~~port~~ section of a rowhead was excavated in the N section of the L-cut 23" below the Bm 2-3-4, 56" from the E and against the rather ephemeral N wall.

It has not been catalogued.



The fill was still very rocky along the N section, the rock especially but right at the SW corner it was quite sandy. The shells were more plentiful than in the previous level and still *Exuberant* *Corrugated* and *Gallus* led on that side. The ephemeral nature of the N wall became even more apparent.

August 26th

The remainder of Level II was removed with no additional artifacts coming to light.

Level III of the stratigraphy cut (29-34") produced nothing but shreds and some bones - largely of birds and some rodent remains.

The W.-cut was largely sand, rock and ash fill while the Sledge rocks in the N.-cut further strengthen the belief that the N.-wall itself is practically non-existent. Even from this shallower level the number of shreds had increased numerically (Level II - 9" had 88 and Level III 5" 93) and quite so on a percentage basis.

August 27th

Level IV of the stratigraphy cut (34-42" below Bm 2-3-4) contained a great many fragments of burnt corn cob in the West end of the stratigraphy column. It was thickest near the NW corner (as were the sherds).

A portion of another in very poor condition (about as always) was excavated



40 $\frac{1}{2}$ " below Bm 2-3-4, 1" and 43 $\frac{1}{2}$ " from the NW S. walls respectively. Not catalogued.

4 $\frac{1}{2}$ " long

1 $\frac{1}{4}$ " greatest diameter

Again the sherds were much more numerous in the NW corner than anywhere else.

August 28th

Level V of the stratigraphy
cut (42-49" below the Bon 2.3-4)
produced plenty of shreds but
nothing else of importance.
The fill from about 45" from the
S wall toward became softer
but the SW corner was quite
hard.

Level VI was begun but the
SW corner produced few shreds
and bone. Largely bird as usual.

August 29th

Level II (49-61" below Bm 2-3-4)
was continued being largely
water laid sand on the W
section and various mixtures
of sand, ash and g. d. sh.

An amount of
chalcedony - broken
at both ends - was



(not catalogued)

excavated at a depth of 52" below the
Bm 2-3-4, 55" from the S. 14" from the W. well.

A very friable piece of matting
apparently of checker board. It
measured about 4" by 3" roughly,
(but is not considered worth

preserving by laboratory.) It was
found 50" from the S. and 13" from
the W. well, 64" below the Bm 2-3-4.

There were a great many shells
from this level - which continues
from 61" to the varying floor
level. The bone was also quite
numerous but as usual largely
bird.

(Measurement to narrow + had to find it.)

August 30th,

Level III (61 - 70" below the Band 2-3-4
on the floor) was finished
by making sheets packed.

Measurements of Room III
were:

Distance of ^{floor} below Band 2-3-4 on the corners:-

Ne - 5' 9"

Nw 5' 9 $\frac{3}{4}$ "

Sw 5' 8"

Se 6' 4"

Distance from top of wall to floor:-

Ne - 4' 9"

corners } Nw 4' 10"

Sw 5' 6 $\frac{1}{2}$ "

Se 5' 5"

Midway Nv-Sw 5' 9 $\frac{3}{4}$ "

Intercom Nw-Ne 4' 6"

corners Ne-Se 5' 2"

Se-Sw 5' 10 $\frac{3}{4}$ "

Wall lengths from (a) floor (b) half-way up

Ne-Se: (a) 8' 1 $\frac{1}{2}$ "

(b) 8' 3"

Ne-Sw (a) 9' 10"

(b) 9' 11 $\frac{3}{4}$ "

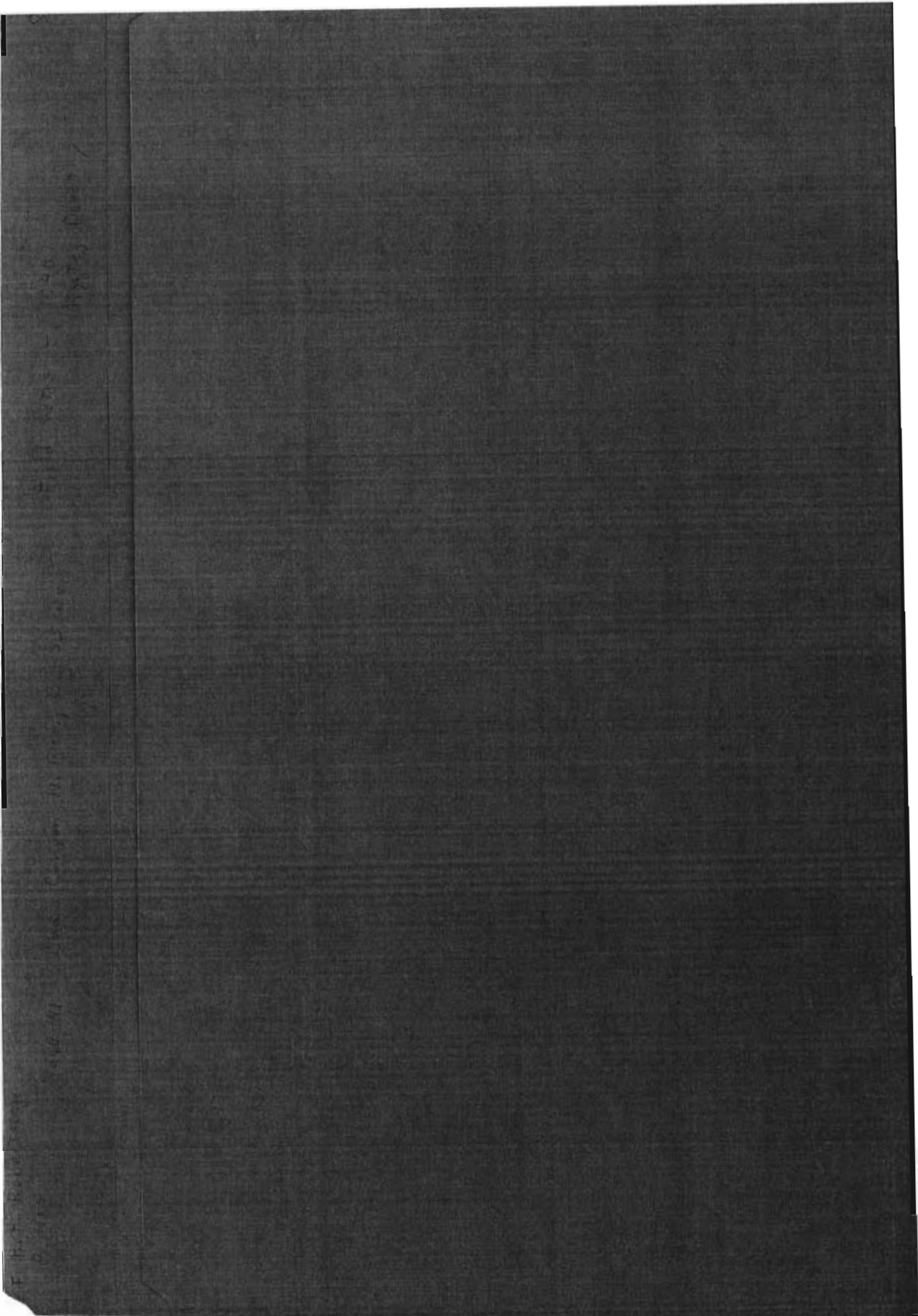
Frank H.H. Roberts Jr.
4851

Archaeological Sites

Chaco Canyon, NM
Bc-53

Box 8

 NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION



Sherd % by levels 1N Room III

0-20" Level I - 59 sherds

Excelsior Corrugated	47.76
Gallup B/W	28.81
McClure B/W	6.78
Escarada B/W	6.78
Line Gray	5.88
Red Mesa B/W	3.39
Kana-a B/W	1.69
Wingate B/R	1.69
	<u>99.98%</u>

20-29" Level II - 78 sherds

Excelsior Corrugated	42.02
Gallup B/W	30.76
Escarada B/W	11.54
McClure B/W	11.54
Upper Glen Corrugated	2.56
Red Mesa B/W	1.28
	<u>99.70%</u>

29-34" Level III - 134 sherds

Excelsior Corrugated	47.01
Gallup B/W	23.13
McClure B/W	12.68

Escavada B/W	8.20
Leve Gray	4.47
Kana-a Gray	2.23
Wingate B/R	1.49
Fordsdale Smudged	.74
Red Mesa B/W	.74
	<u>100.69%</u>

34-42" Level III - 198 sherds

Exuberant Corrugated	34.82
Hallup B/W	31.80
Escavada B/W	11.12
Red Mesa B/W	10.10
McClure B/W	9.10
Wingate B/R	2.02
Upper Hela Corrugated	1.50
Bluff B/R	.50
	<u>99.94%</u>

42-49" Level IV - 137 sherds

Hallup B/W	32.40
Exuberant Corrugated	26.64
Escavada B/W	25.92
McClure B/W	5.76

Leve Gray	3.60
Wingate B/R	2.16
Fordsdale Smudged	1.15

Escavada B/W
McClure B/W

25.92
5.76

Leve Gray

3.60

Wingate B/R

2.16

Forrestdale Smudge

1.44

Upper Gila Corrugated

7.2

98.64%

49-61" Level VI - 158

Emberant Corrugated

37.4

Gallup B/W

25.3

Escavada B/W

17.1

Red Mesa B/W

9.5

Kana-a B/W

5.1

McClure B/W

2.5

Chaco B/W

1.9

Leve Gray

1.3

100.1%

61-70" Level VII - 299 sherds

Emberant Corrugated

45.48

Gallup B/W

19.39

Escavada B/W

14.71

Red Mesa B/W

9.70

McClure B/W

5.68

Forrestdale Smudged

1.33

100.32%

Kanaw B/W	1.33
Chaco B/W	.66
Deadmans B/R	.66
Wingate B/R	.66
Chaco Corrugated	.33
	99.93%

Stratigraphy L-cut sherd 7/1
 0-20" Level II - 16 sherds
 Culbertson Corrugated 5000
 of 100 1 B/W

Stratigraphy L-cut shard 7/1

0-20" Level I - 16 sherds

Cumberland Corrugated	50.00
Gallup B/W	18.75
McClure B/W	12.50
Red Mesa B/W	12.50
Escanaba B/W	6.25
	<u>100.00%</u>

*29-34" Level II - 93 sherds

Cumberland Corrugated	49.46
Gallup B/W	19.46
McClure B/W	9.68
Red Mesa B/W	6.45
Escanaba B/W	6.45
Wingate B/R	3.23
Upper Sila Corrugated	2.15
Bedman's B/R	2.15
Levee Gray	1.06
	<u>100.09%</u>

*20-29" Level II - 88 sherds

Cumberland Corrugated	74.82
Gallup B/W	17.10
McClure B/W	4.56
Escanaba B/W	3.42
Upper Sila Corrugated	3.42
	<u>100.32%</u>

34-42" Level IV - 155 sherds

Exuberant Corrugated	161.76
Gallup B/W	19.80
Escarada B/W	11.44
Red Mesa B/W	3.52
Mc Elms B/W	2.64
Upper Gila Corrugated	1.32
Forestdale Smudged	.88
Levee Gray	.44
	<hr/>
	101.20%

42¹ - "7" Level V - 164 sherds

Exuberant Corrugated	50.63
Escarada B/W	18.91
Gallup B/W	13.42
Red Mesa B/W	9.15
Mc Elms B/W	4.27
Wingate B/R	2.44
Forestdale Smudged	.61
Upper Gila Corrugated	.61
	<hr/>
	100.04%

Frank H.H. Roberts Jr.
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Archaeological Sites

Chaco Canyon, NM
Bc-53

Box 8

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