



## LBNL Ceramic Descriptions Notebook 1 & 2

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Herrin

S 67-68 #4

THE ROBERT H. LOWIE MUSEUM OF ANTHROPOLOGY  
103 Kroeber Hall  
University of California  
Berkeley 4, California  
THornwall 5-6000, Ext. 3681

Specimens \_\_\_\_\_  
Negatives \_\_\_\_\_  
Equipment \_\_\_\_\_  
Insured \_\_\_\_\_

### LOAN REQUEST

Date of Request: July 12, 67 Date Loan will be Returned: Jan. 1, 68  
Name of Borrower: Prof. Isadore Perlman Telephone: ext. 5-5146  
Department or Organization: Lawrence Radi Lab., Campus  
Purpose of Loan: for spectrographic analysis of pottery clays  
Number and Kinds of Specimens: 42 Egyptian pottery specimens  
Sponsoring Curator's Approval: \_\_\_\_\_ Museum's Approval: W.F. Basson,  
J.C. Dawson  
Signature of Borrower: \_\_\_\_\_  
Date of Removal of Specimens: July 12, 67 How Removed: By Prof. Rodden  
Date of Return: \_\_\_\_\_ By Whom Returned: \_\_\_\_\_  
Condition of Returned Specimens: \_\_\_\_\_  
Receiving Preparator: \_\_\_\_\_

### PROCEDURE AND REGULATIONS FOR BORROWING SPECIMENS

1. Secure permission from appropriate Curator and from Director of Museum (or Deputy).
2. Fill out form above.
3. In company with assigned Museum Preparator, select material.
4. List all material by number on the form provided ("ITEMS REQUESTED FOR LOAN") and describe each as briefly as possible. Use a separate line for each Catalogue Number. Do not condense consecutive Catalogue Numbers. Group the items by Basic Catalogue (e.g., Cat 1 together, Cat. 2 together, etc.) and list the numbers within a given Basic Catalogue sequentially if possible. If the loan is for MUSEUM EQUIPMENT, give the U. C. Inventory Number.
5. Note the condition of any object to be loaned, if fragmentary, broken, or otherwise imperfect.
6. SECURE THE PREPARATOR'S SIGNATURE ON THE LIST to validate it.
7. Arrangements for insurance throughout the loan period must be made for all material leaving the Berkeley Campus.

RETURNING OF SPECIMENS: The borrower must check the specimens against his copy of the loan list. He is fully responsible for them while they are in his care, and must report any loss or damage. He is not to return them to the storage area without the aid of a Preparator, or special permission.

9. EXTENSION OF LOANS: The borrower must ask for extension by letter or telephone before the original term has ended, giving reasons in full.

LOAN (OUT)  
INLOAN  
NUMBER

S67 GP-74

PAGE 3

R.H. LOWIE MUSEUM OF ANTHROPOLOGY

CAT. NO.	NO. PCS.	ITEM, DATA FOR BORROWER'S USE; CONDITION	PROVENIENCE	EVALUATION
✓ 6-18366		Pottery; red bowl; recurving rim, chipped	El Ahaiwah	tomb 255
✓ 18385		" ; pinkish jar; almost cylindrical, wavy lines net work decorations	"	tomb 270
✓ 18388		" ; pinkish jar; elliptical, vertical wavy lines in groups	"	ditto
✓ 18451		" ; pink flask fragments	"	tomb 502
✓ 18713		" ; pinkish jar; tapering towards bottom, wavy handles, broken	"	
✓ 18715		" ; pinkish jar; cylindrical, broken, wavy line net work decoration	"	
✓ 18759	6?	" ; mixed fragments	"	
✓ 18765		" ; pinkish jar; broken, wavy handles	"	
✓ 18771		" ; red jar; broken, tall, pointed bottom, parts missing	"	
✓ 18783		" ; red jar; large, polished black top, broken, part missing	"	
✓ 18819		" ; pinkish jar; squat, lug handles, red lines in <del>splashes</del> /?	"	
TOTAL NUMBER PCS.			TOTAL:	

LOAN  
DATE  
1951LOAN  
NUMBER S67-68 #4

PAGE 1

R. R. LOWIE MUSEUM OF ANTHROPOLOGY

CAT. NO.	NO. PCS.	ITEM, DATA FOR BORROWER'S USE; CONDITION	PROVENIENCE	EVALUATION
✓ 6-17371		Pottery; brownish pink bowl; broken, burnished lines	El Ahaiyah	tomb 11
✓ 17373		Pottery; red bowl rim fragment	ditto	ditto
✓ 17389		Pottery; brown bowl; broken, part missing, d.12,h8cm.	"	tomb 17
✓ 17400		" ; red bowl; broken, polished, burnished lines	"	tomb 19
✓ 17411		" ; shallow bowl; large, broken thick incised vertical lines on edge	"	tomb 21
✓ 17413		" ; cylindrical jar fragment; upper part, wavy line	"	ditto
✓ 17438	3-052	" ; pinkish jar; cylindrical, rim broken, wavy line	"	tomb 25
✓ 17438		" ; pinkish jar; flaring toward top, rim broken	"	ditto
✓ 17463		" ; pinkish jar; cylindrical, worn, wavy line	"	tomb 31
✓ 17543		" ; red bowl; broken, polished, burnished lines	"	tomb 55
✓ 17545		" ; brown jar; broken, tall, tapering towards bottom	"	ditto
✓ 17546		Pot sherd: buff bowl fragment	"	"
✓ 17558		Pottery; red cup-like jar; flaring towards top (part missing, black top)	"	tomb 58
✓ 17819		" ; brown jar; black top, broken	"	tomb 115
✓ 17828		" ; maroon jar; cup-shaped, black top, broken	"	tomb 117
TOTAL NUMBER PCS.				TOTAL

LOAN OUT  
INDATE  
NUMBER

69-7874

PAGE

D.K. LOWIE MUSEUM OF ANTHROPOLOGY

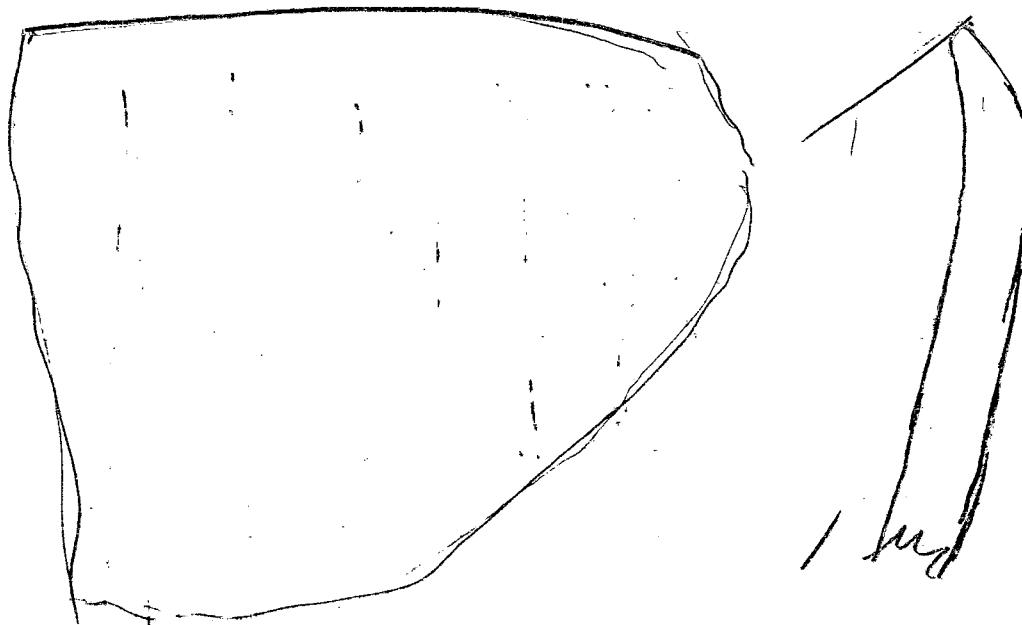
CAT. NO.	NO. PCS.	ITEM, DATA FOR BORROWER'S USE; CONDITION	PROVENIENCE	EVALUATION
✓ 17931		Pottery; brown bowl, broken, black lined	El Ahaiyah	tomb 117
✓ 17925		ditto ; red jar; broken, polished, bulging, black top	ditto	tomb 135
✓ 17926	"	; reddish jar, polished bulging, black top,broken	"	tomb 136
✓ 17954	"	; grayish jar; tapering towards bottom, wavy handles	"	tomb 143
✓ 6-18090		Pottery; red jar; bulging, small, black top	"	tomb 184
✓ 18091	"	; red jar; broken, polished, black top	"	ditto
✓ 18121	"	; red jar; cup-like,polished, black top, broken	"	tomb 192
✓ 18134	"	; red jar; globose, polished black top	"	tomb 197
✓ 18137	"	; red bottle, crude	"	ditto
✓ 18143	"	; pinkish dish; rim broken	"	"
✓ 18221	"	; pinkish bowl; broken, recurving rim	"	tomb 219
✓ 18222	"	; brownish dish; thick, rough, broken, boat-shaped, half missing, incised design on bottom	"	ditto
✓ 18234	"	; red jar; elliptical, broken, patched	"	tomb 223
✓ 18288	"	; reddish bowl; black lines	"	tomb 234
✓ 18330	"	; red jar; crude, tall , pointed bottom, broken	"	tomb 242
✓ 18353	"	; brownish dish; flaring, broken	"	tomb 255
TOTAL NUMBER PCS			TOTAL:	

6-17371 El Oshaivah Tomb 11

113-E

number 6

Open bowl, inturned rim, pattern burnished  
pink clay, fairly soft.



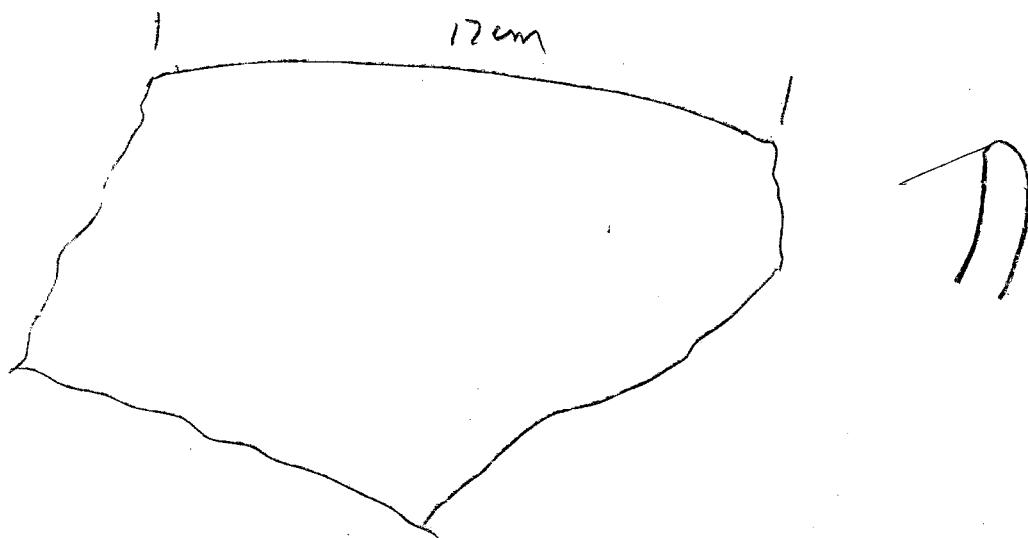
association:  
probable

6-17373 El Abawah Tomb 11

112-E, 112 EAu

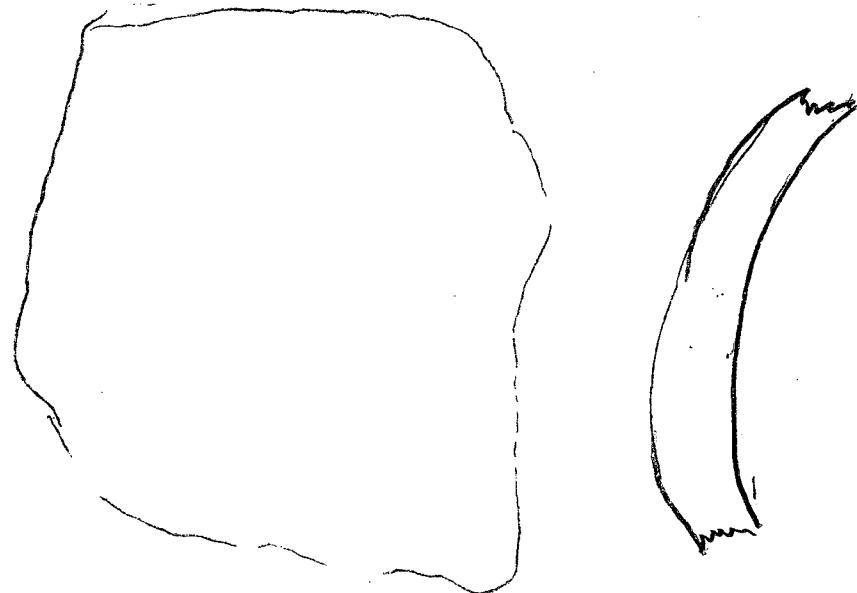
number 11

Sherd from large open bowl. Red plumb ware  
inturned rim.



association - certain

6-17389 El Chorro Tomb 17  
116-C, 117-Na<sup>n</sup>, number 2  
Third from brown bowl, red slips inside &  
outside, brown clay.



association - certain

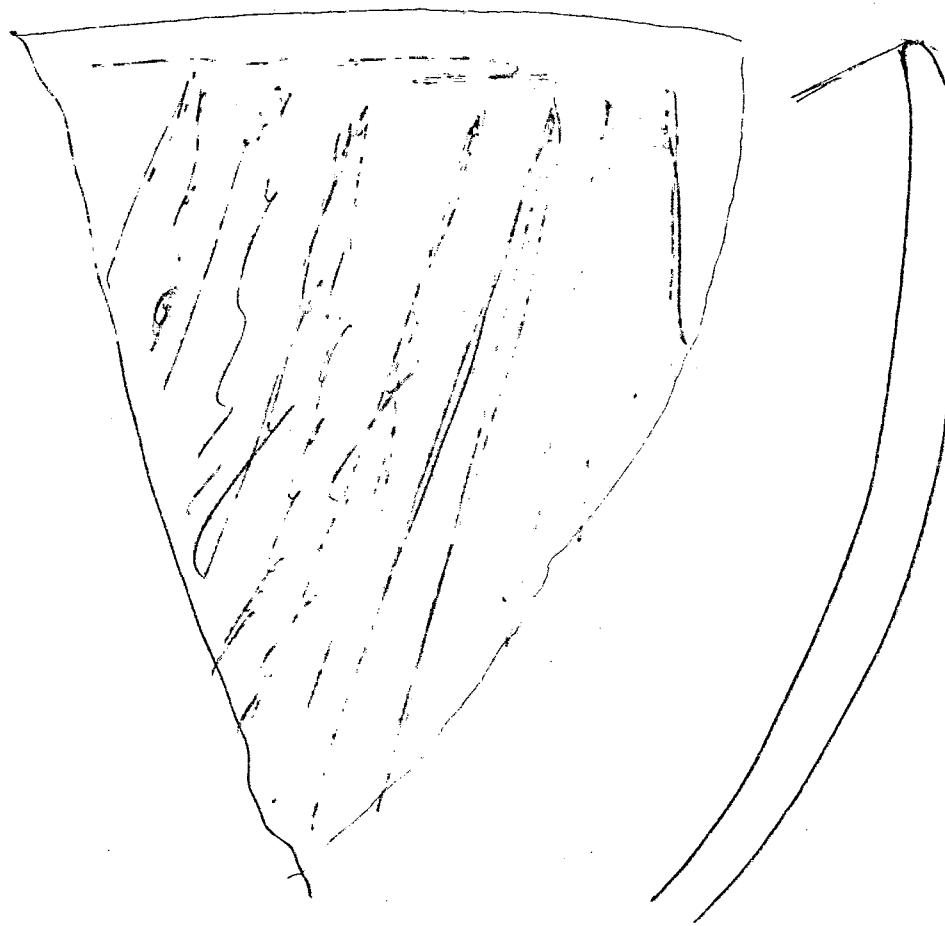
6-17400

116-D

El Ashmush Tomb 19

number 8.

flared open bowl inturned rim, Burnished  
pattern



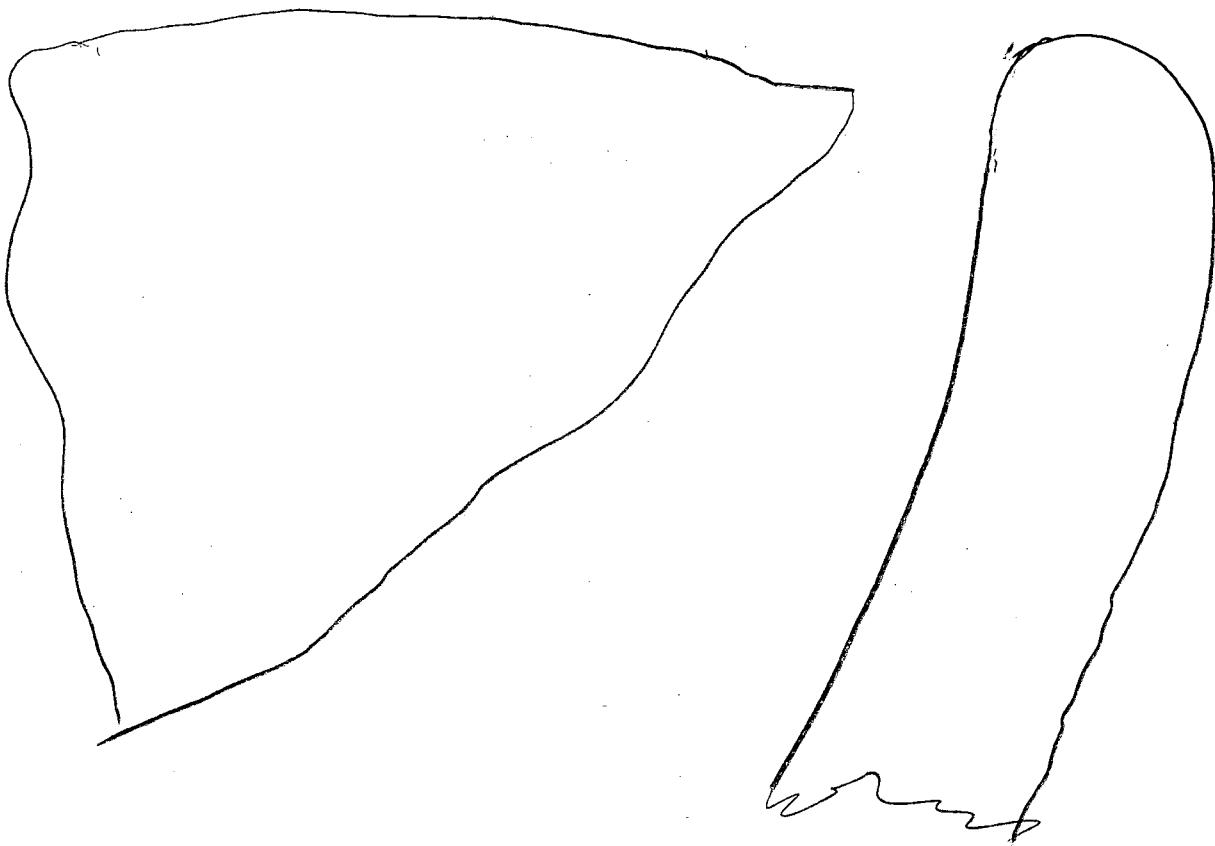
association - certain

6-17411

116 -E

El Ghaiwah Tomb 21 number 5

coarse ware sherd from thick platter

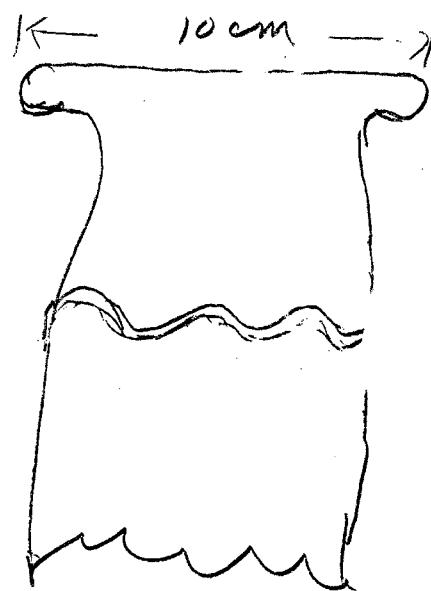


association - certain

6-17413 El Ahawoh Tomb 21 number 7

116-F

Cylindrical jar top. Wavy design, pink clay

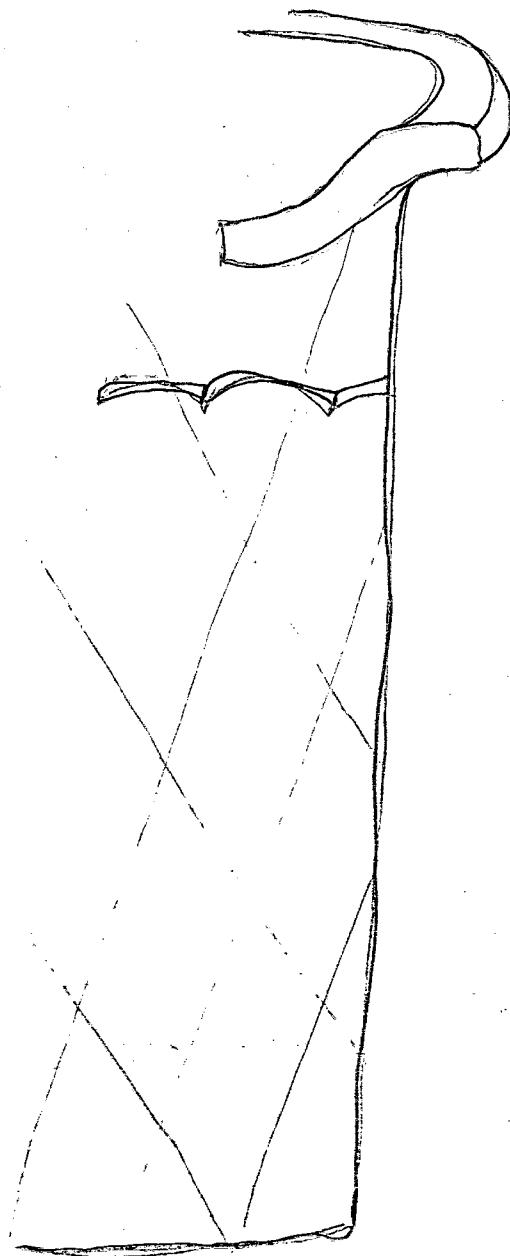


association = certain

6-17435 El Abriwah Tomb 25 number 1  
116-6

C Cylindrical wavy design II jar. Pink clay  
net line decoration, Hand

Like 6-17463 only 23 cm tall



association - curtain

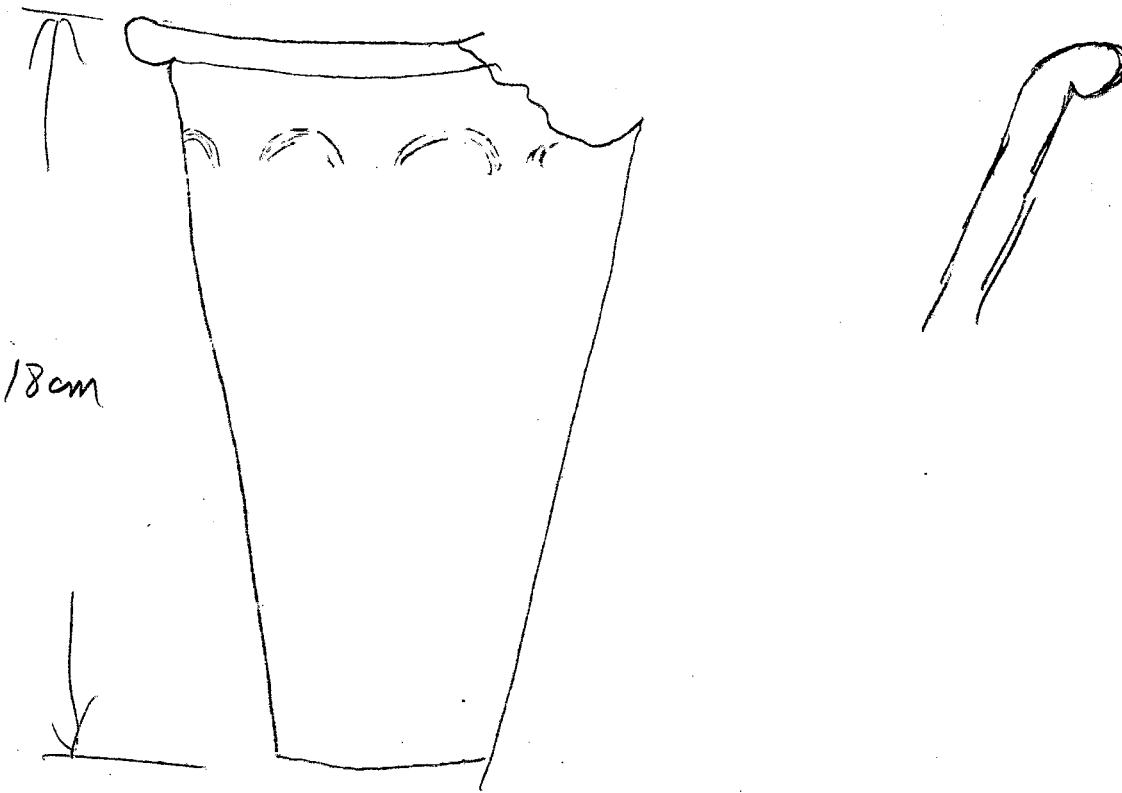
6-17438

El Amaweh Tomb 25 number 6

113-F

C-

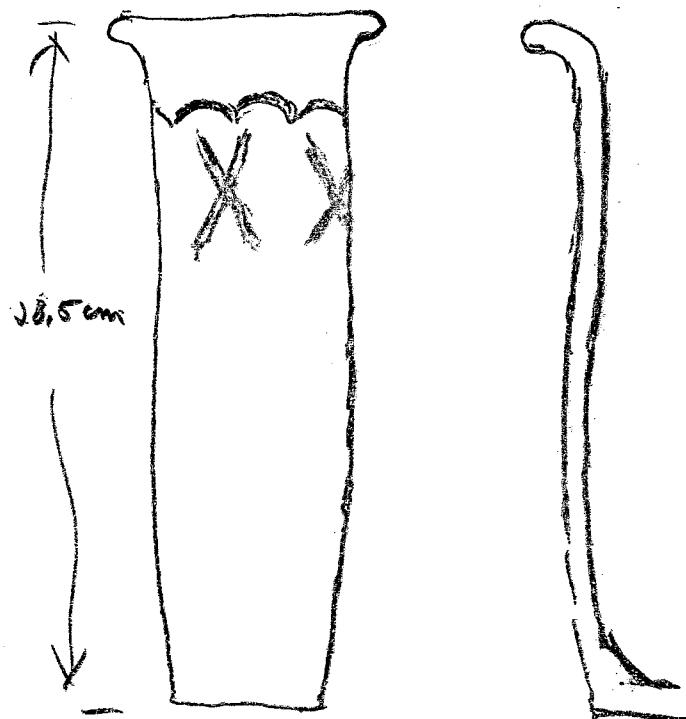
Wavy handled jar III, flaring form  
pink clay, hard



association - certain

6-17463 El Abairah Tomb 31  
114-E number 8

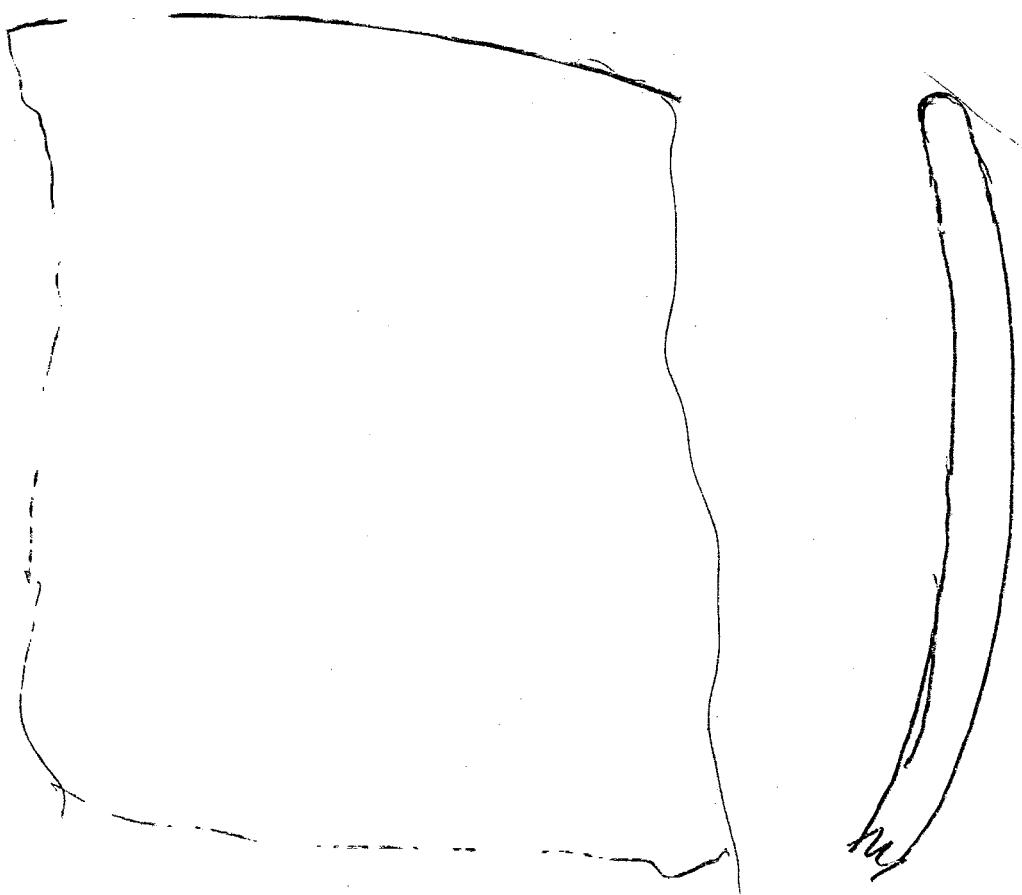
Cylindrical wavy handle jar. Pink clay, red  
over lines



association - certain

6-17543 El Chatawah Tomb. 55 number 12  
116 - H

Fragment from open bowl with everted rim.  
Red plumb ware. Pink clay

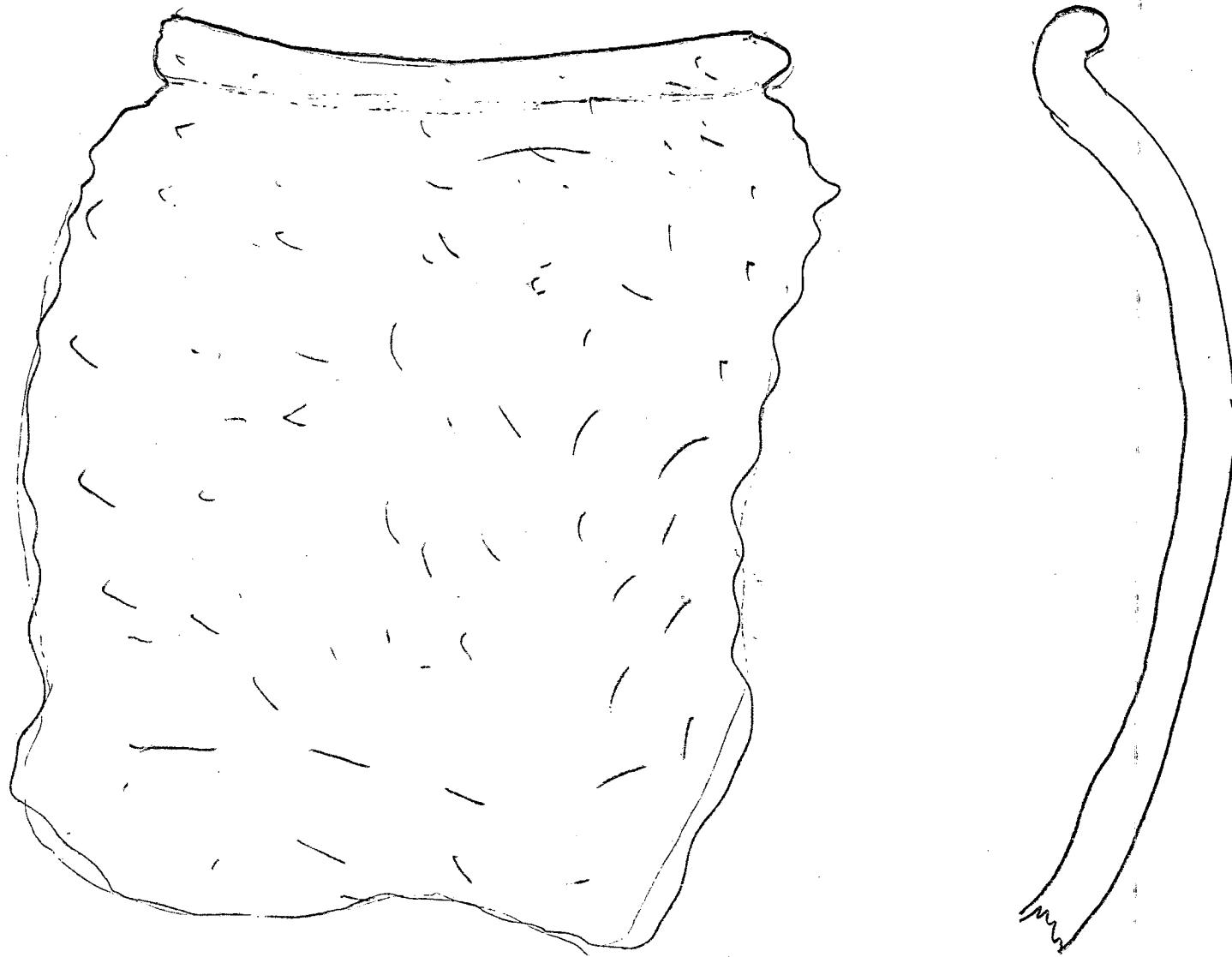


association - certain

6-17545 El Amawah Tomb 55 number 15

114 - F, FA

Sherd from red-brown jar, deep shouldered, constricted neck. Coarse ware. Thick black core, red surfaces.



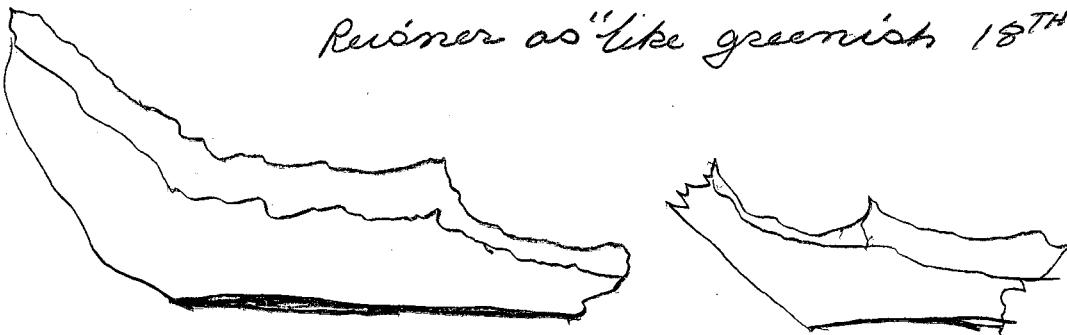
association - certain

6-17546 Cl Abawab Tomb 55

113-G

no number - described by:

Rainer as "like greenish 18<sup>th</sup> dynasty  
ware"



Third flat bottom flaring bowl, green -  
grey clay.

association - certain

6-17558  
116-5

El Chatwal Tomb 58  
number 1

Black Top bowl, deep, heavy burnish



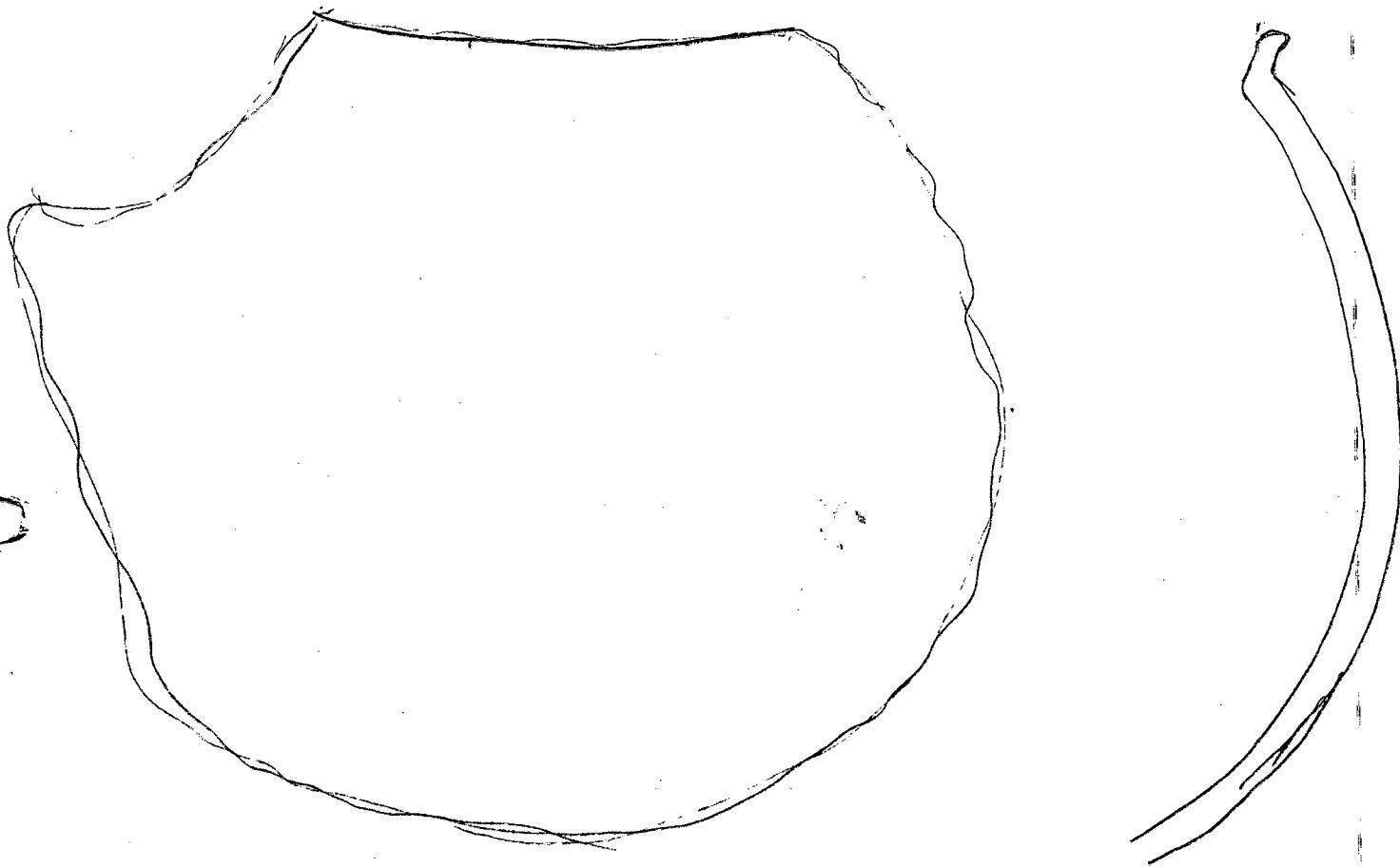
Fairly soft, deep red clay

association - certain

6-17819  
116-K

El Obeidwa Tomb 115  
number 4

Sherd Block top bowl, small mouth, beaded rim



association - certain

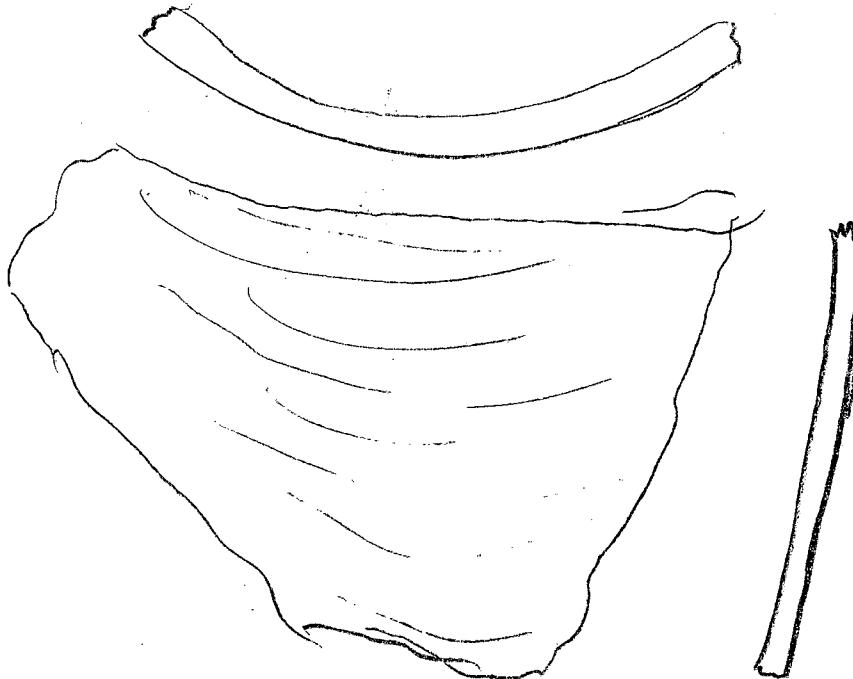
6-17828

El Abriwah Tomb 117

117-D, DAU

number 3

Shard from black top, cup-shaped jar, plain  
slip outside. Red to black body.

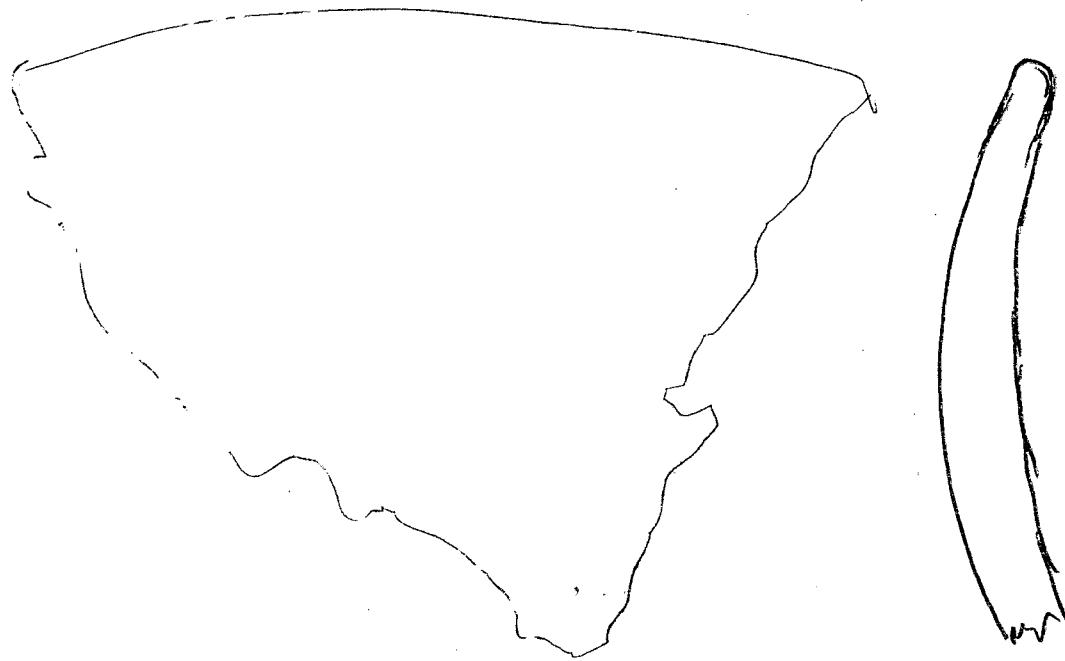


association - probable

6-17831 El Abawah Tomb 117

number 5

117-E



Black top ware, open bowl, black burnished interior, red-buff clay.

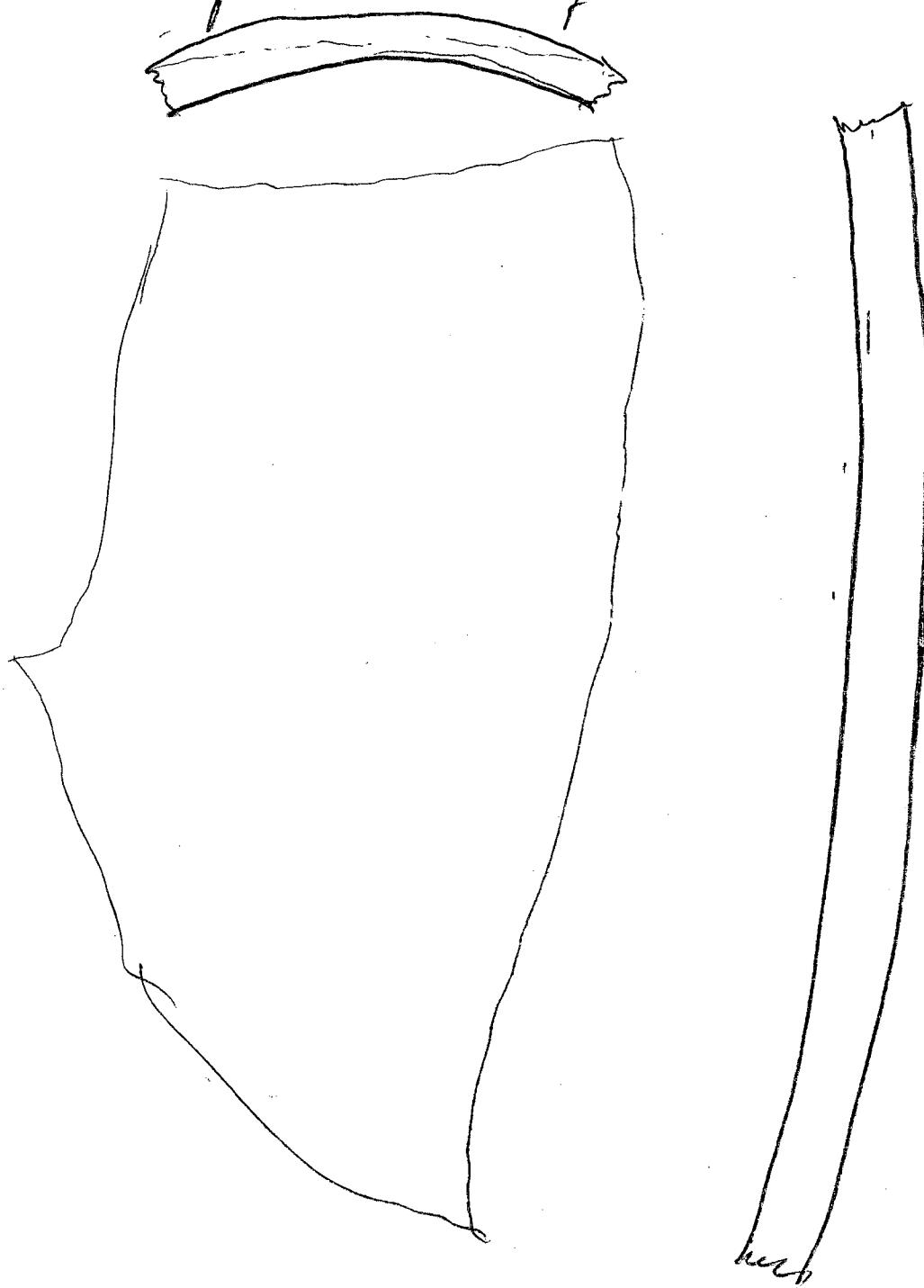
association - certain

6-17925

115-D

El Chatawah Tomb 135 number 3

Shard from black top large <sup>bulging</sup> jar, plain buffish outer surface. Red body.



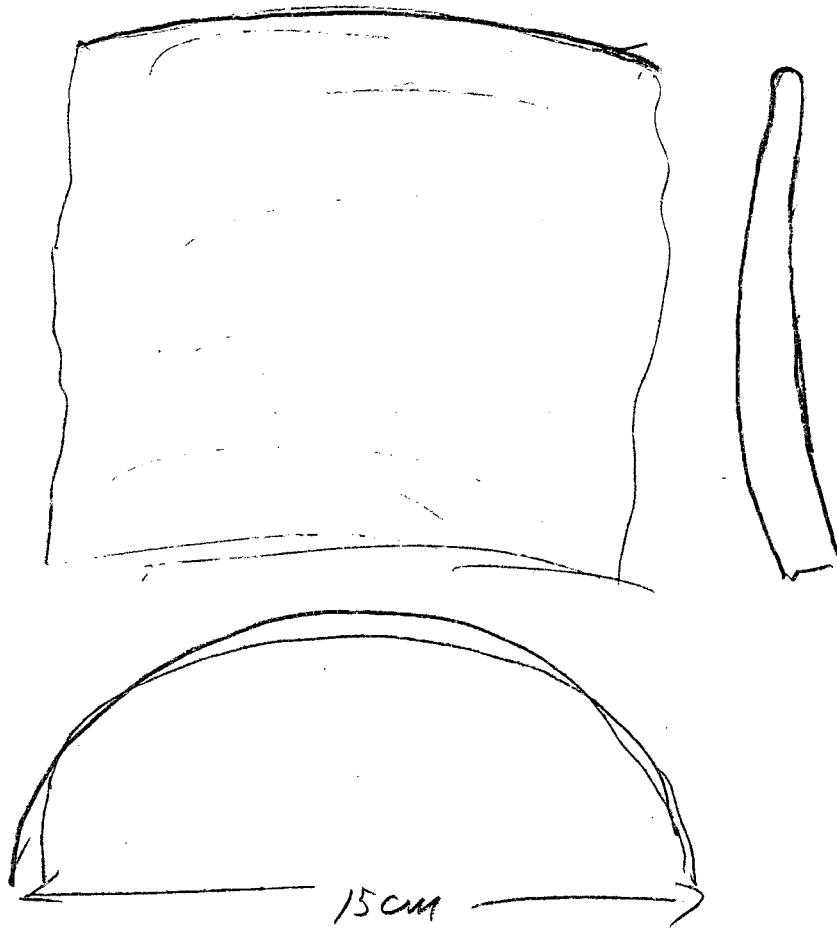
association - probable

6-17926

El Aaiwah, Tomb 136

115-E

Black top hole-mouthed jar, plain burnished  
outer surface. Black interior very flaky



Association - uncertain

listed by museum as Tomb 136 number 4 -

Reisner's notes have no number 4  
listed with tomb 136.

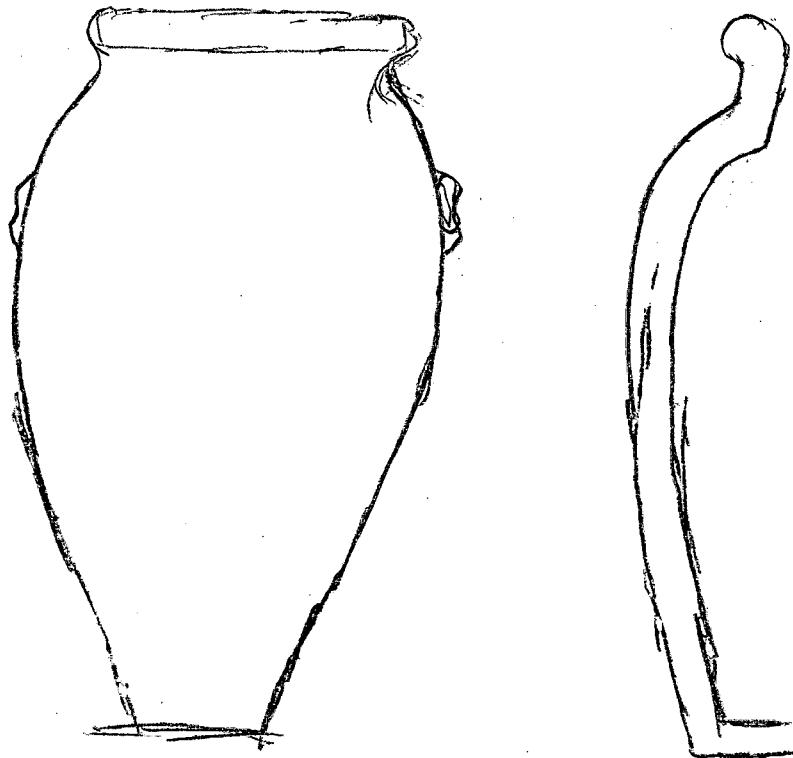
6-17954

El Obeidah Tomb 143

118-A

number

Grey-pink wavy handled jar (30 cm). Very dark



association - certain

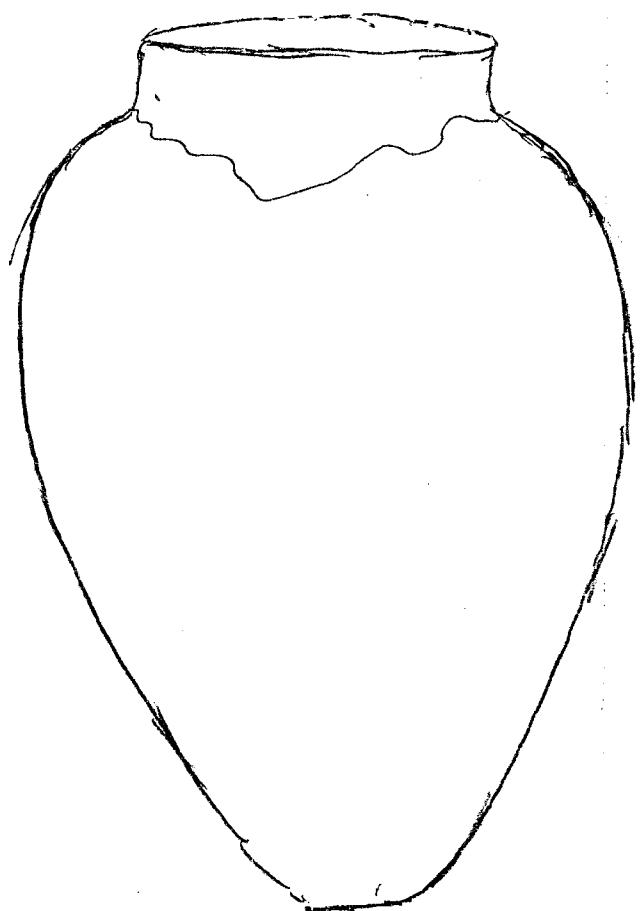
6-18090

Cl Chaiwa Tomb 184

113-14

number 2

Black top small jar, redware hard



association - certain

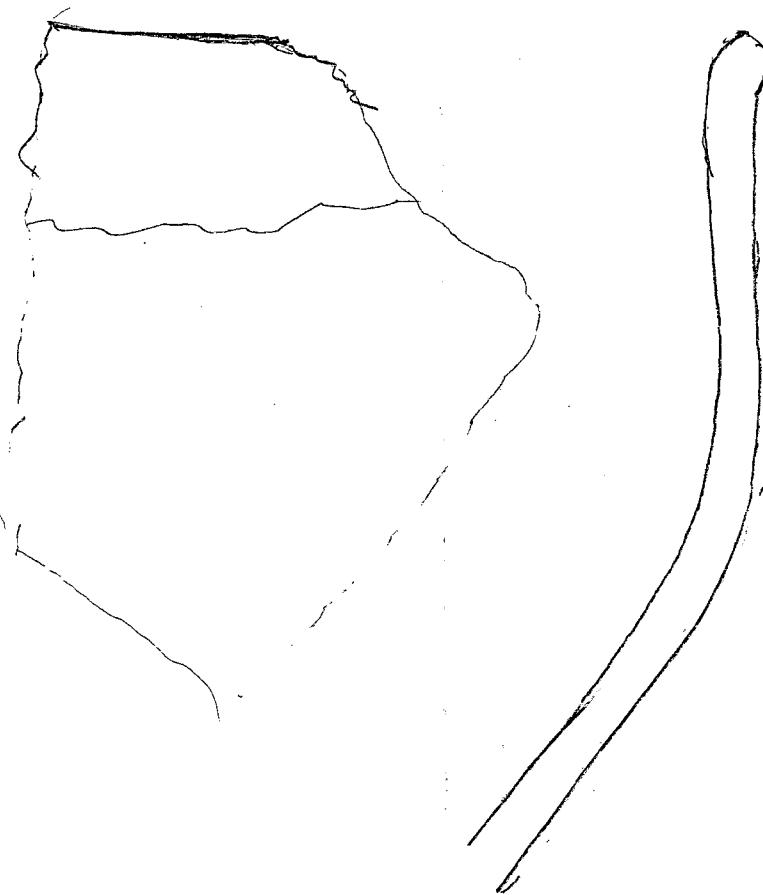
6-18091

El Chawal Tomb 184

114-67

number 3

sherd deep bowl black top ware



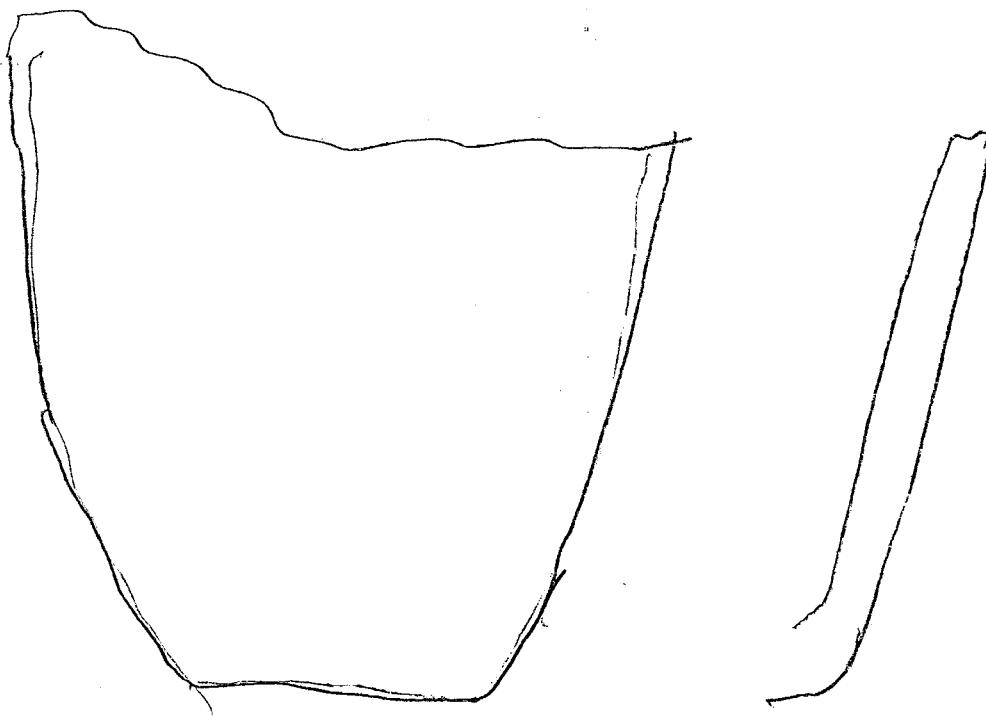
association - probable

6-18121

El Chaiwa Tomb 192 number 3

118-B

Block top - base of deep bowl or jar



Fairly hard red clay

association - certain

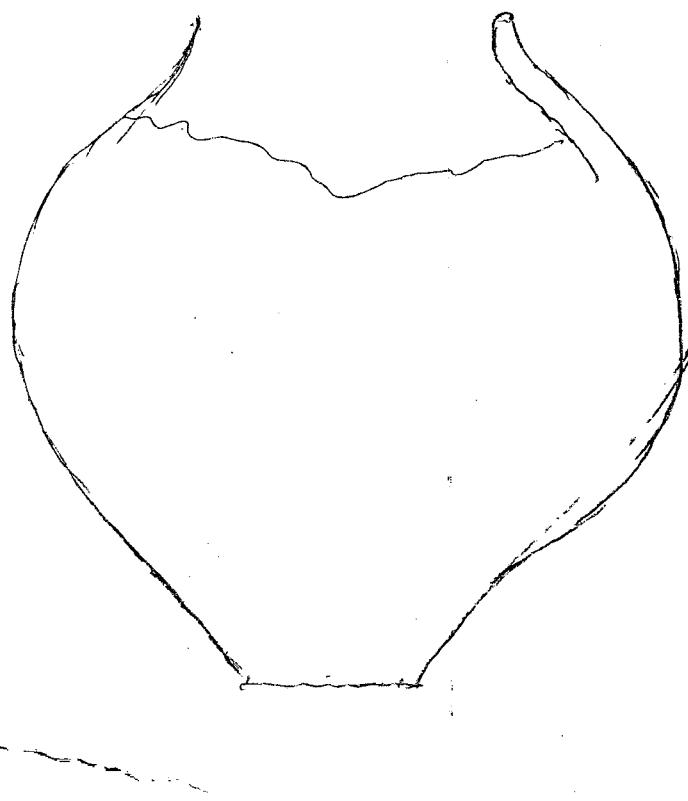
6-18/34

El Ahaw Tomb 197 number 5

112 - F

Black top, small hole-moulded jar with  
beaded rim

#



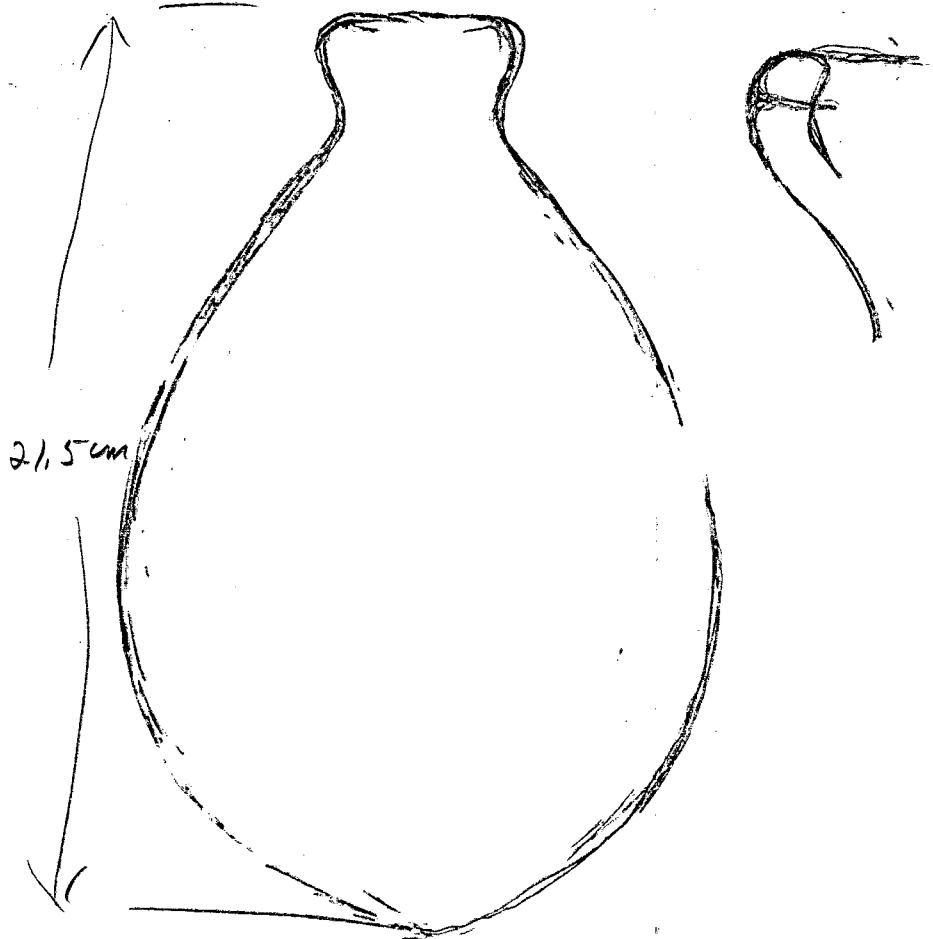
association - certain

6-18137

El Abiawah Tomb. 197 number 9

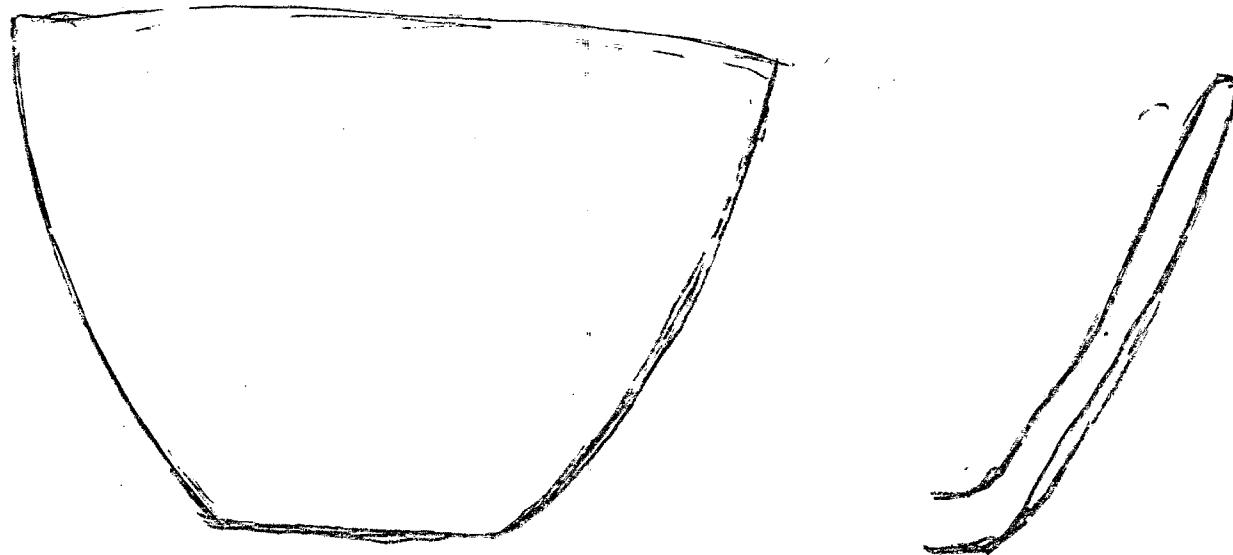
112-6

Red bottle, pointed bottom, constricted neck,  
coarse ware. Brown clay, very soft.



association - certain

6-18143 El Chatwah Tomb 197  
114-H number 18  
Open bowl, plum step inner surface



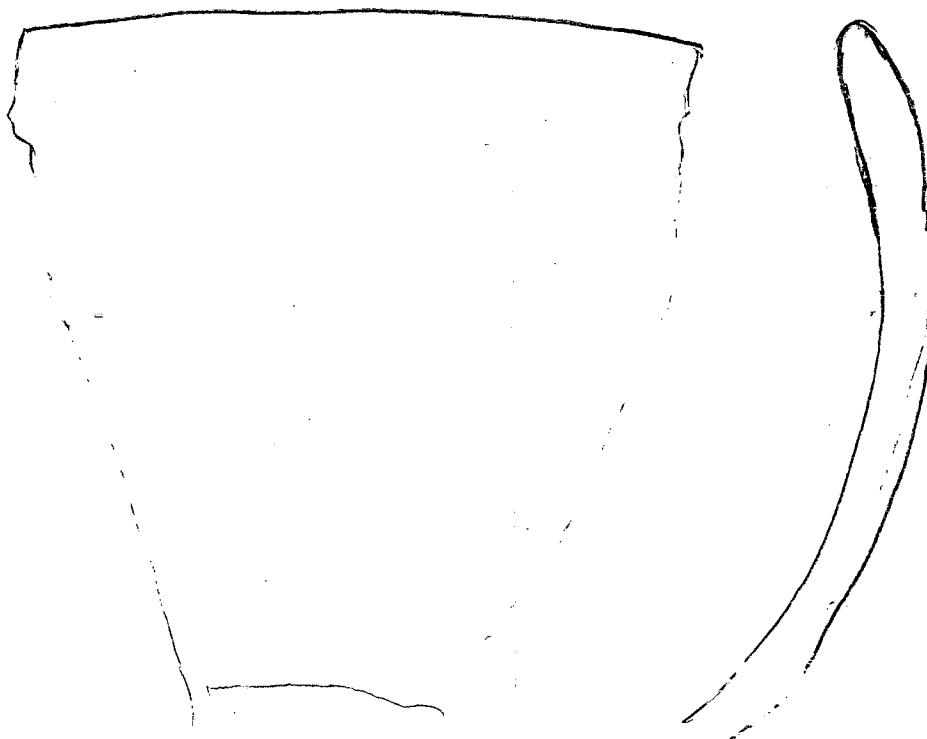
association - certain

6-18221 El Abawah Tomb 219

118-C, CAN

number 1

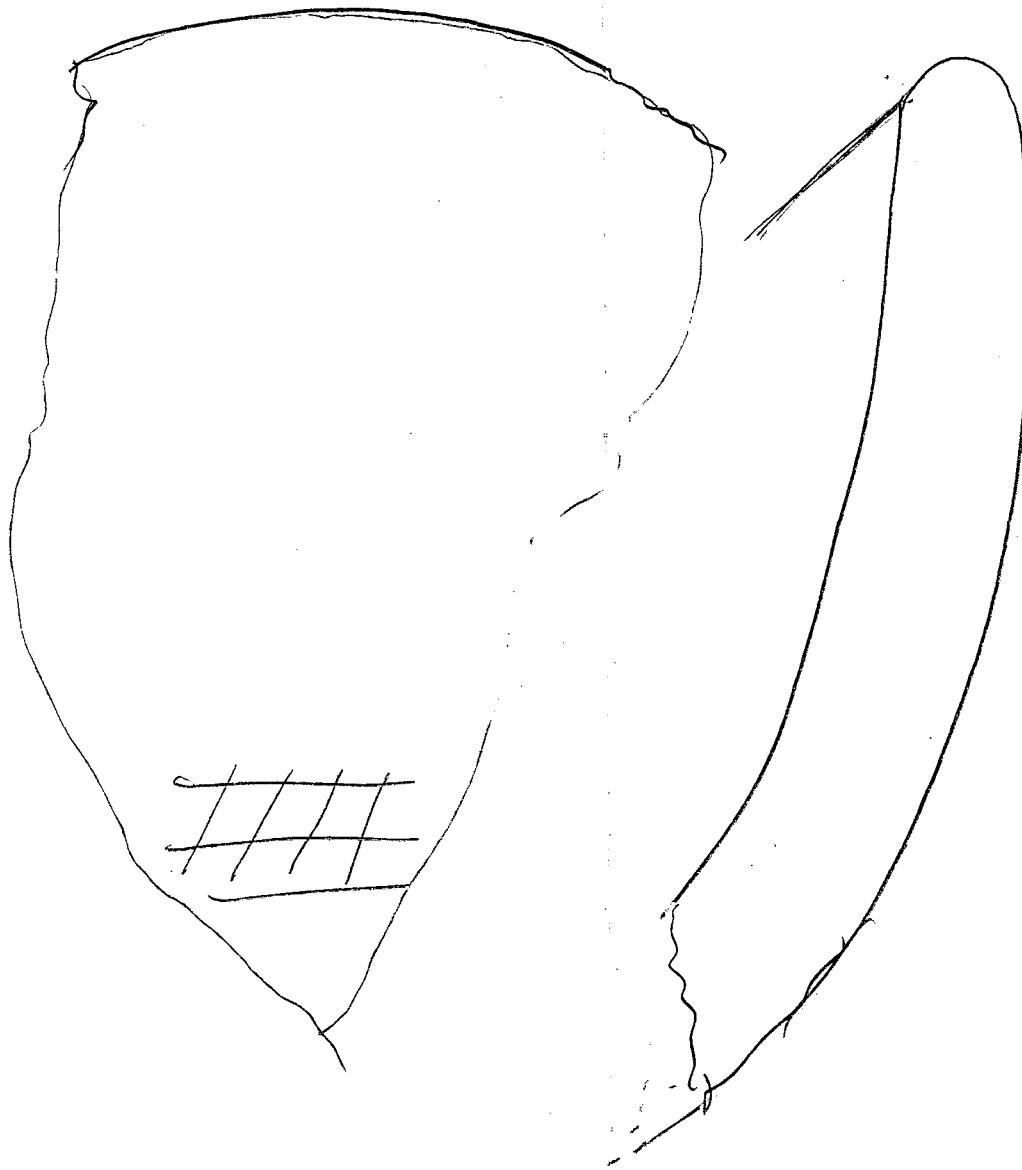
flared open bowl - flared rim, pink clay.



association - probable

6-18222 El Abaiyah Tomb 219  
115-F number 2

Coarse ware sherd from thick platter, incised  
design on bottom



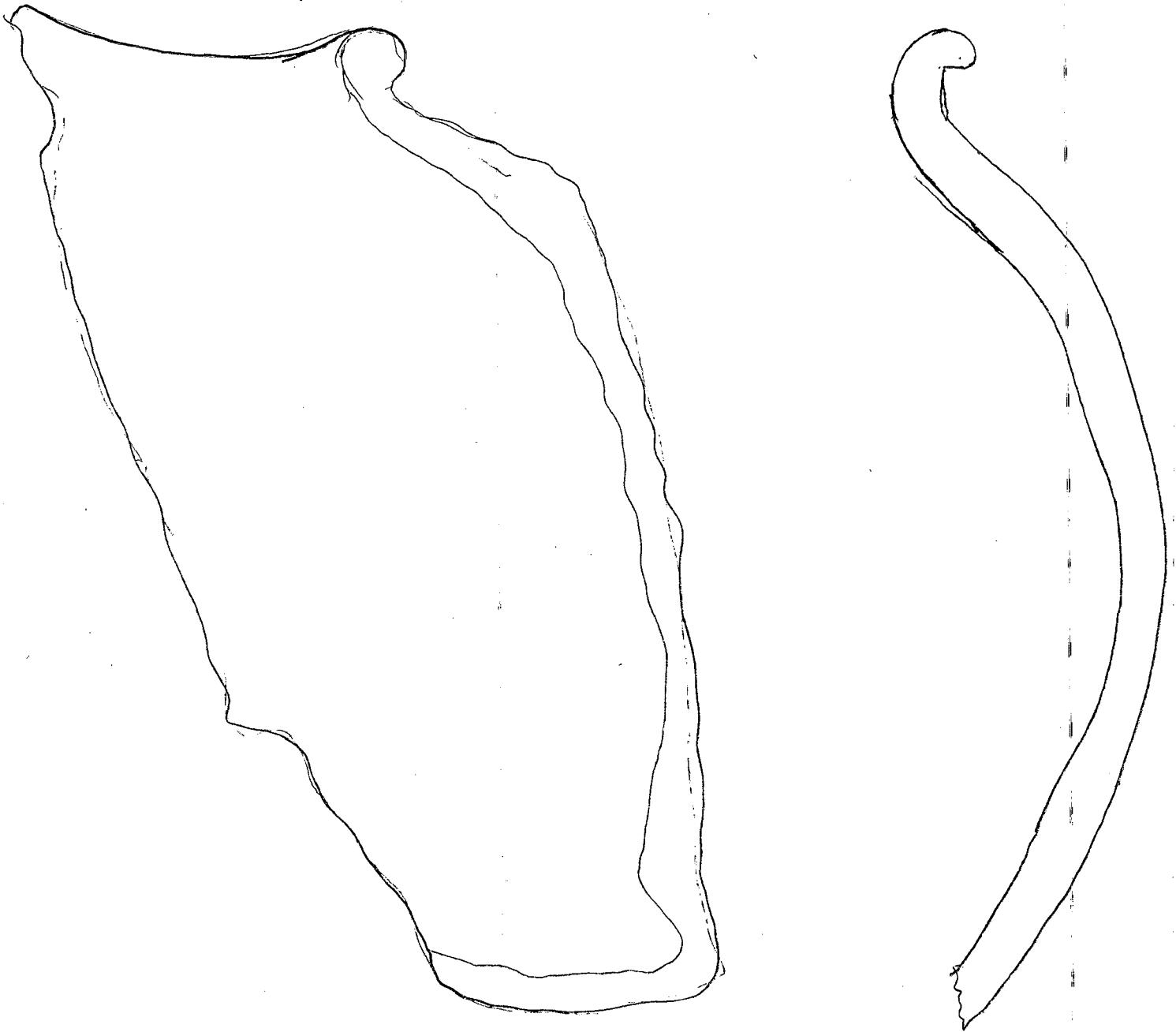
association - certain

6-18234 El Chaiwah Tomb 223

118-D, DAU

number 2

Redware jar, constricted neck, red - thrown



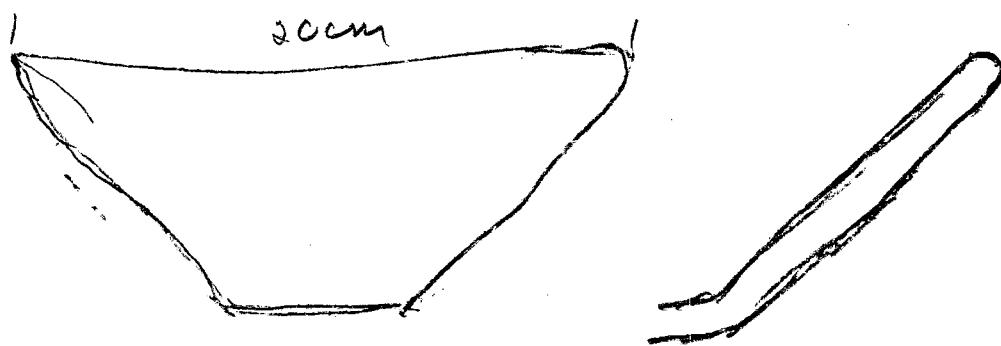
association - certain

6-18288  
118-E

El Abainah

Tomb 234  
number 9

Open black top bowl (20 cm diam) Black  
burnished interior



association - certain

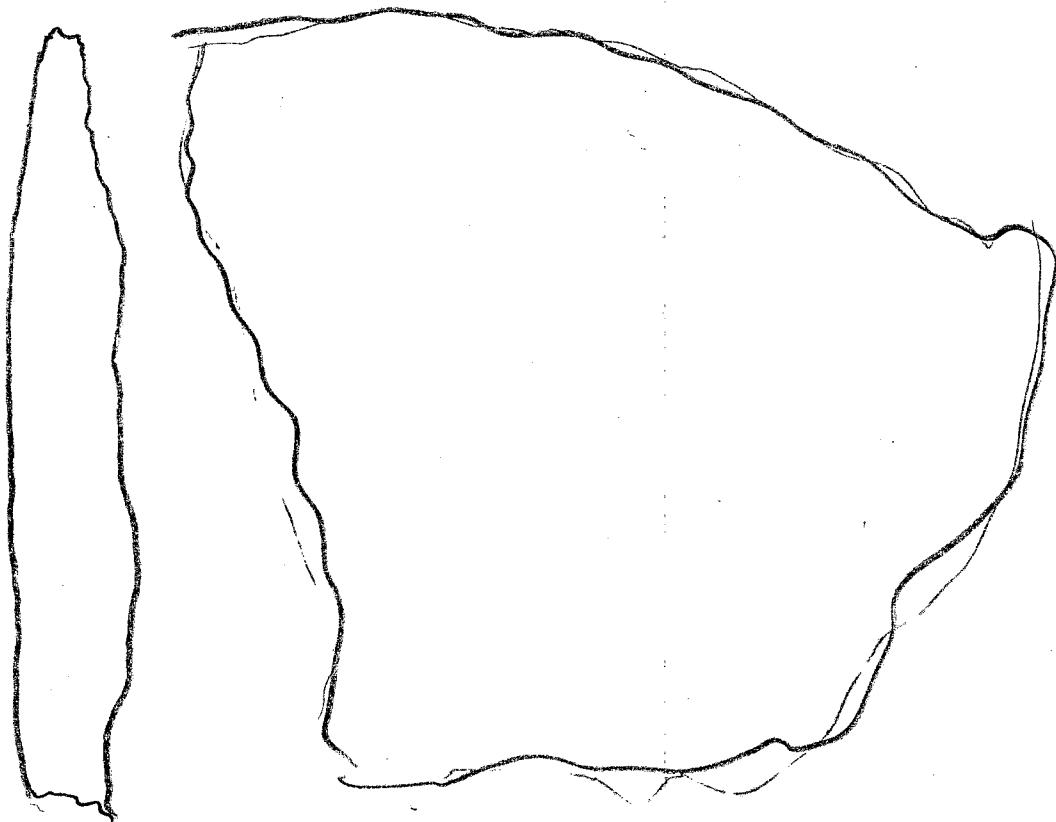
6-18330

El Chawat Tomb 242

118-F, FAN

number 4

Hand coarse ware large jar, brown  
throughout. Very soft



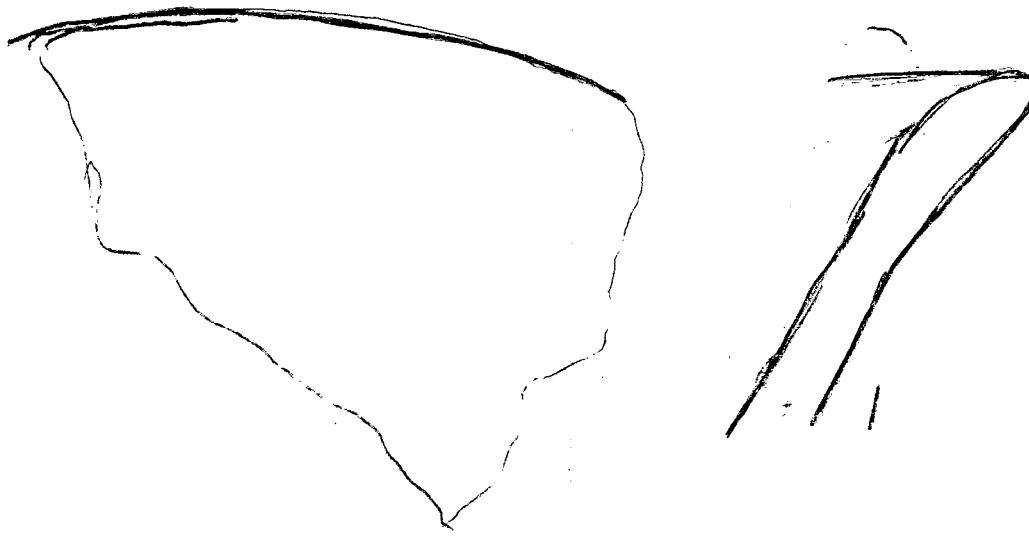
association - possible

6-18365

El Obawoh Tomb 255  
number

114-J

Sherd flaring bowl coarseware



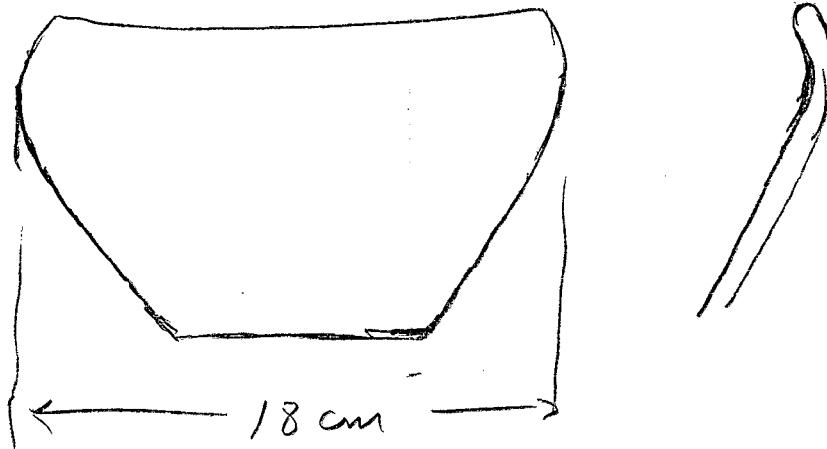
association - probable

6-18366 El Chatiwah, Tomb 255

118-6

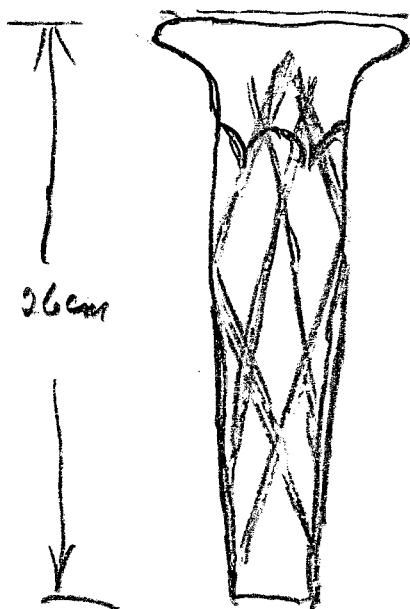
number 3

Open bowl, turned rim, pink clay, fairly  
dry, soft.



association certain

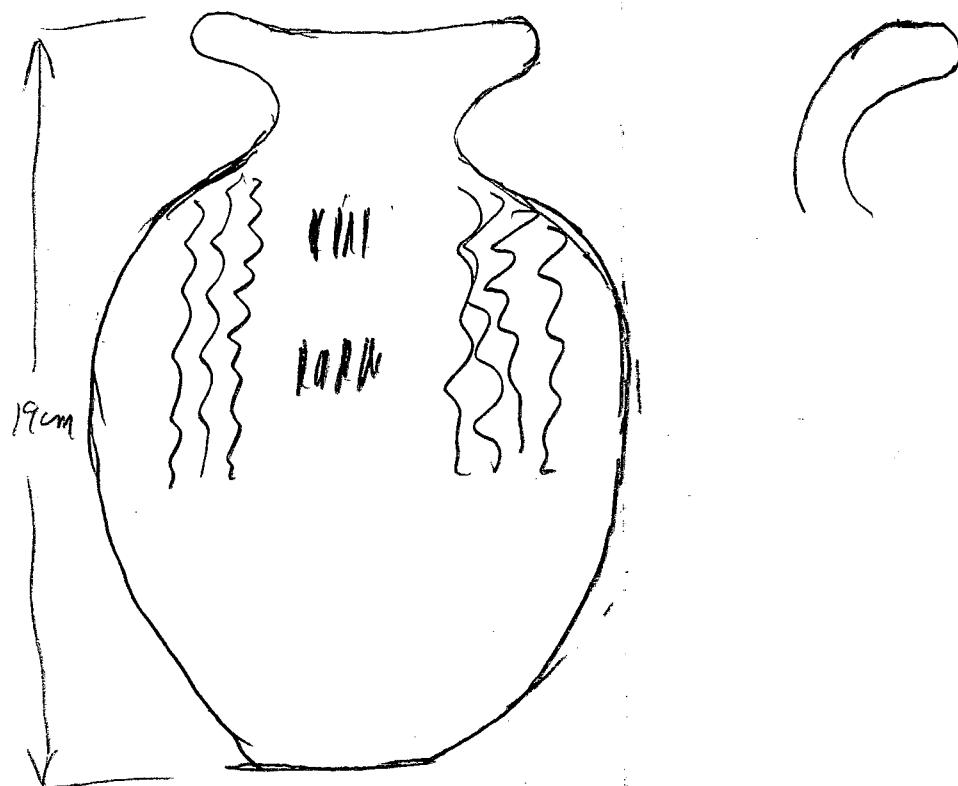
6-18385 El Amarah Tomb 270  
113-T number 4  
cylindrical wavy handle jar, Beige clay,  
network decoration



association - certain

6-18388 El Chawah Tomb 270  
115-G number 7

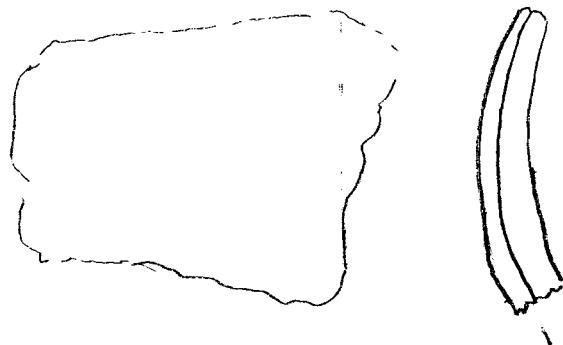
Flat bottom jar with constricted neck.  
Painted vertical wavy lines



association - certain

6-18461 El Chaiwah, Tomb 502

Fragment from pink flask. Two distinct layers, inner 2.5-3 mm, outer 1.5-2 mm. Clay pink fine. number 14



Scraped inner & outer layer by scraping

Inner 6-18461 A → 118 - H

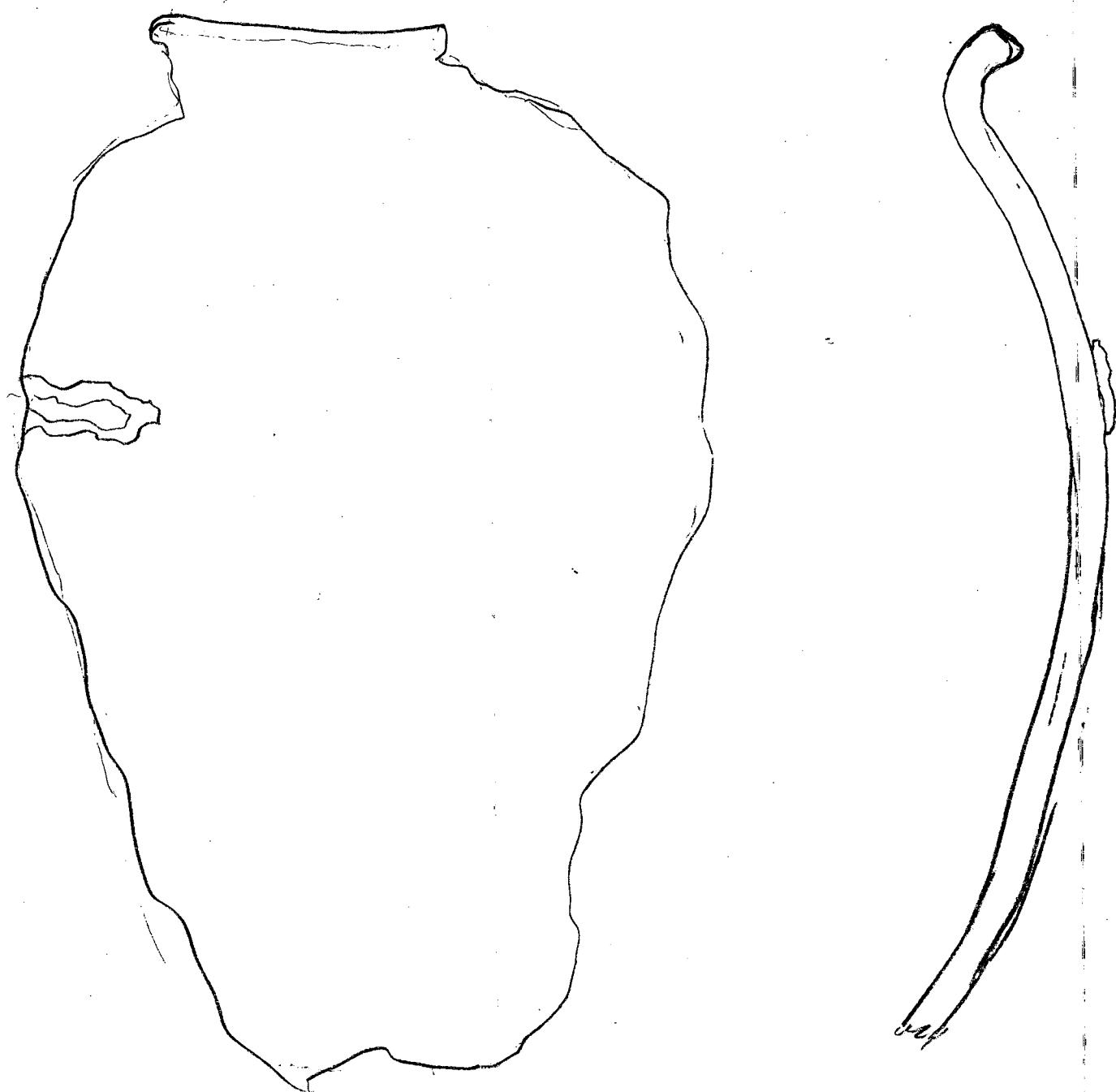
Outer 6-18461 B → 114 - K

association - possible

6-18713 El Obaishah Tray - 22

115-H

Handle from pink wavy handle jar



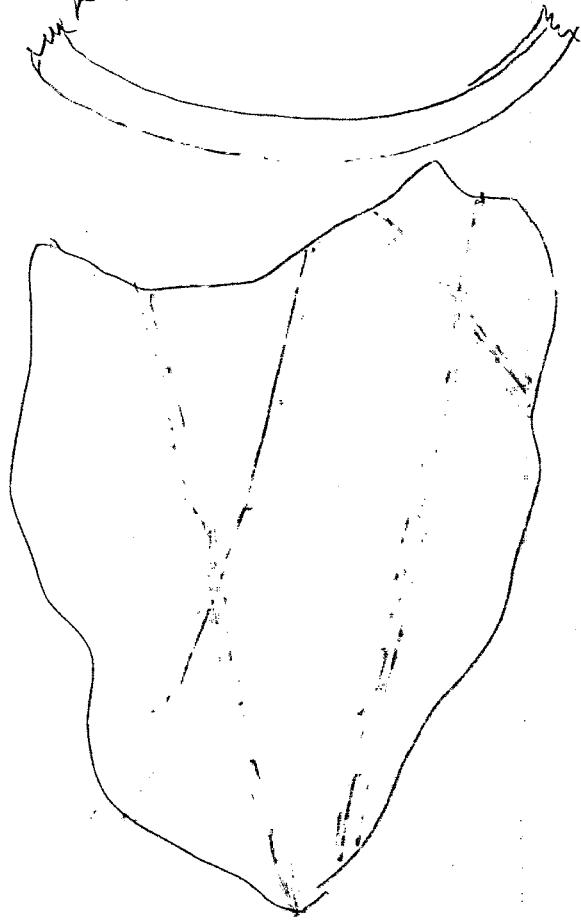
Association - none

no tomb or piece numbers to be found  
in reference to Reisner's field notes

6-18715 El Obeidah Tray 22

118-J

Flared from cylindrical wavy handles jar. Pink  
clay, dark cross line decoration. Very hard.

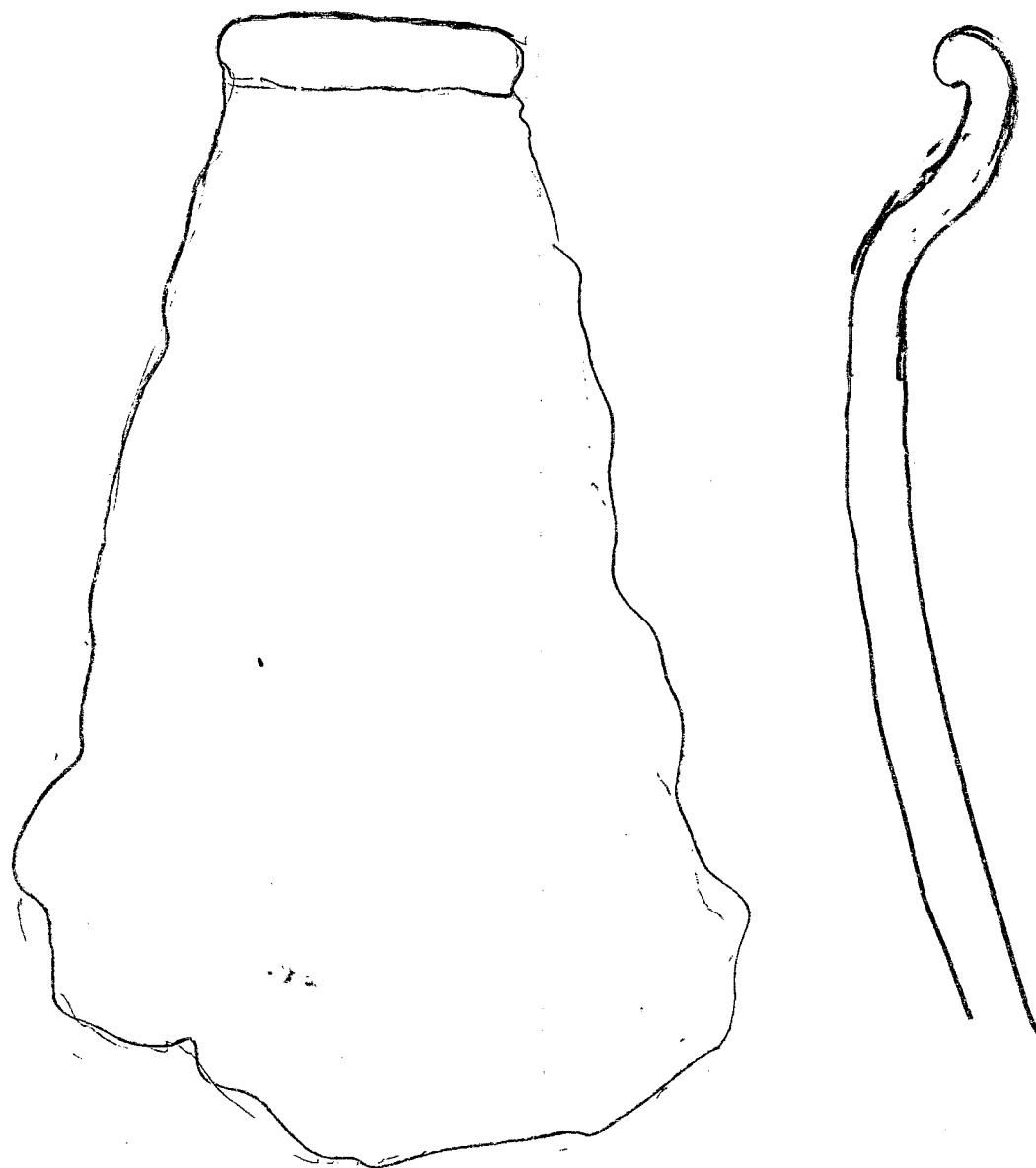


Association - none

No tomb or piece numbers in refer-  
ence to Reisner's field notes.

6-18765 El Ahmaw Tomb Tray 34.

Ashy, pink wavy handle pot, soft.  
from 118-K, Kan.



Association - none

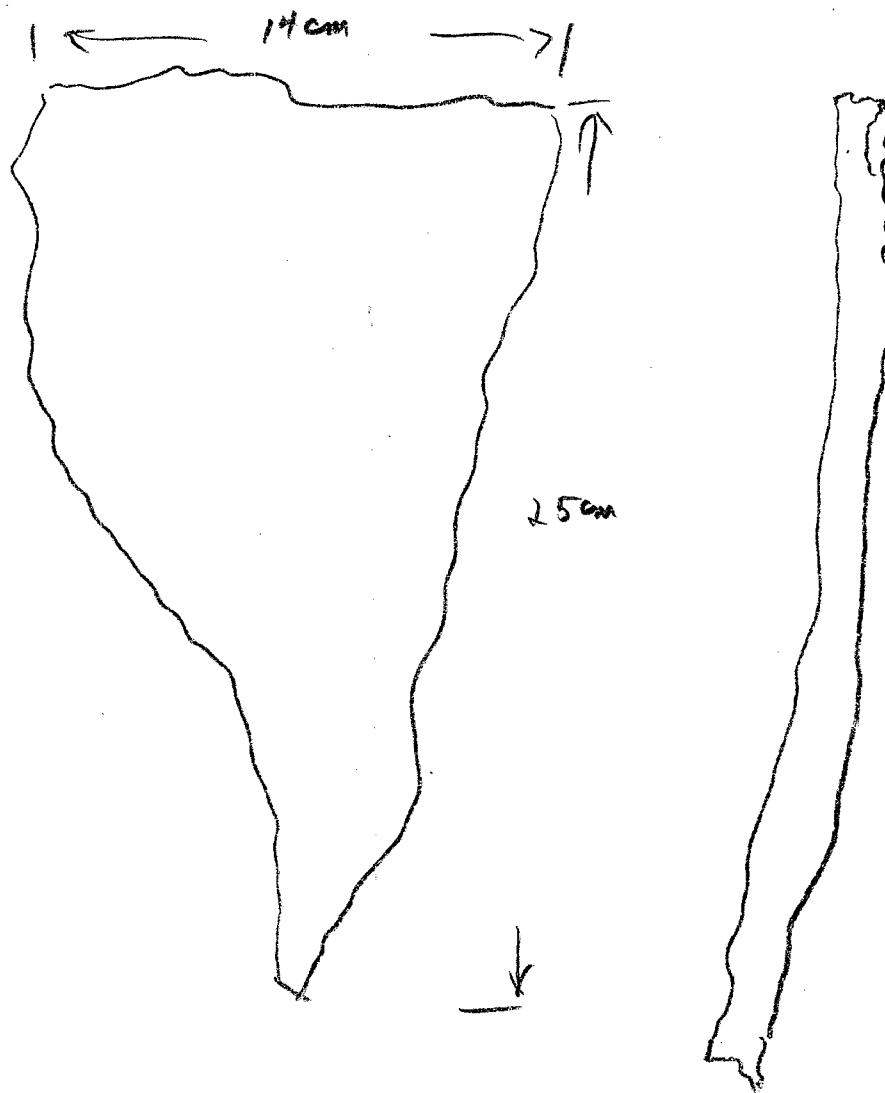
No tomb or piece numbers in reference to  
Reiner's field notes

6-18769 Al Qaiwah Tray 85

112-H  
field inventory

Cos 18759?

sherd from large coarse ware jar  
red both surfaces, thick black core



Association - zone

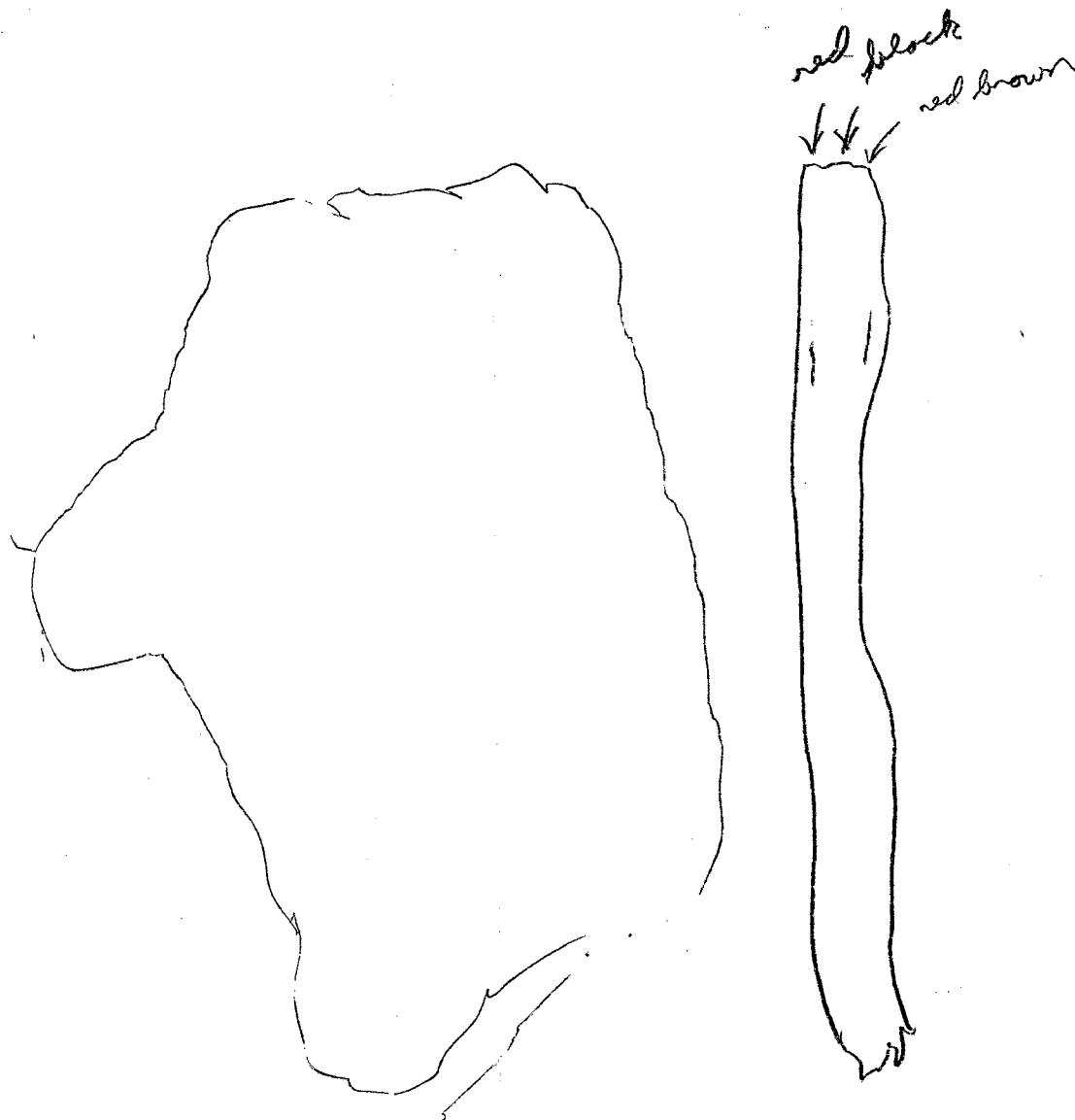
No tomb or piece number in reference to  
Reiner's field notes.

6-18771

El Obana Tray 85-?

112-J, JAu

Shards coarse ware from large jar, very soft.



association - none

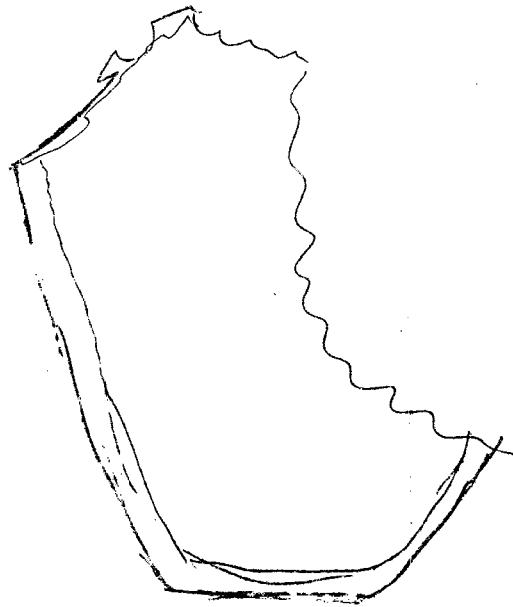
No tomb or piece numbers in reference  
to Peiser's field notes.

6-18783

El Asaiwa

Tray 36

113-K



Bottom of large black top jar, <sup>plum</sup> burnish outer surface. Gray brown fired.

Association - none

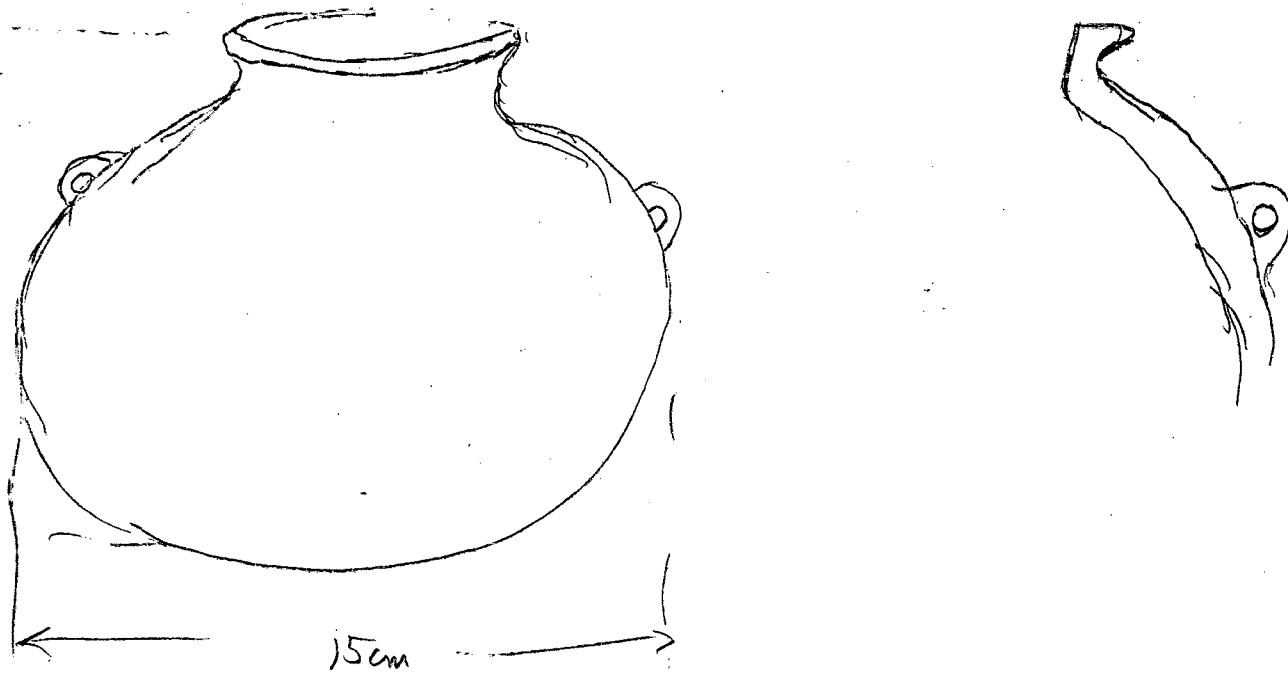
No tomb or piece number in reference to Reisner's field notes.

6-18819

El Amraoh Tray 146-?

112-K

Decorated squat pot, lug handles,  
red on pink. Hand baked



Association - none

No tomb or piece number in reference  
to Reisner's field notes.

Acc/HST

ASH-1 - Given to Cunningham

ASH-3 - " " "

Recd 9/20/67

# Cypriote Imports

Tell Ashdod

excavated. Moshe Dothan

All documentation by Dr. Dothan

Furumarks "White Slip Wave II"

(20) "milk bowl" handle

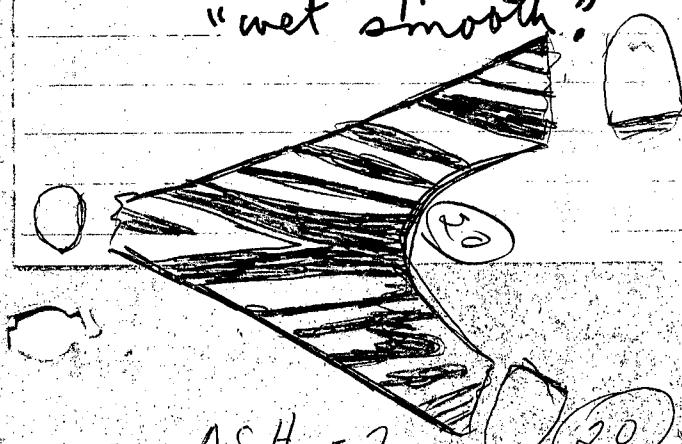
(21)

(22)

(23)

Same pot sherd

(24) This "milk bowl" handle is possibly earlier.  
It is different and may be earlier as it is  
"wet smooth".



124-B ASH-2

124-E ASH-5

124-G ASH-7

124-I ASH-9

124-M ASH-11

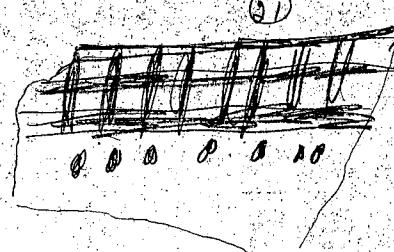
20

21

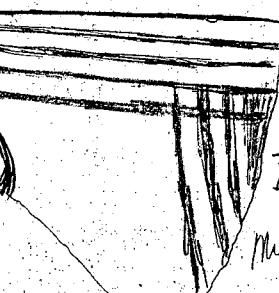
22

23

24

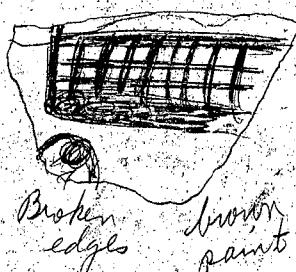
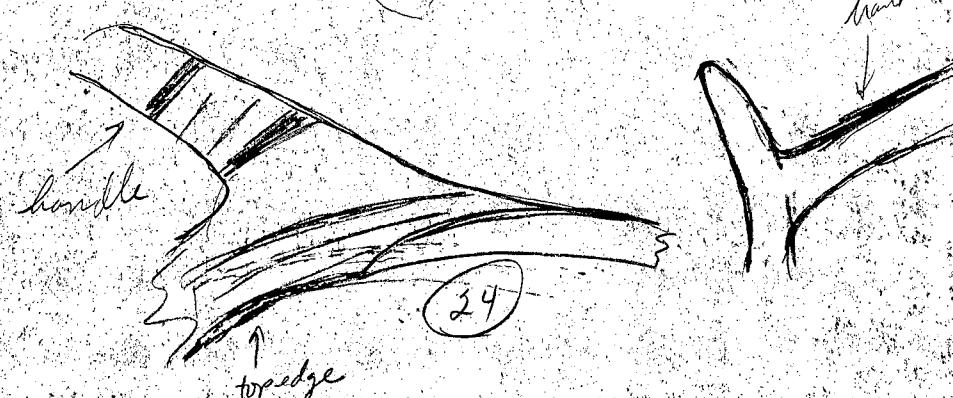


brown paint



ash II  
B 536

min speckles



24

Recd. 9/26/67

# Mycenean Imports

Tell Ashdod

excav. M. Dothan

All documentation by Dr. Dothan.

Late Mycenean  
L.M. III B 1 or 2

(25) II 44 X  
B 673

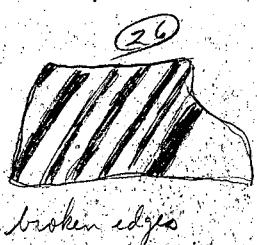
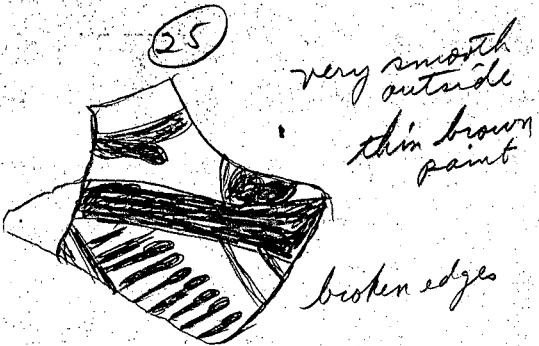
(26) II 44 y X  
B 5991

124-C ASH-3

(25) ash II 44 X  
B 673

124-N ASH-12

(26) ash II 44 X  
B 5991



broken edges

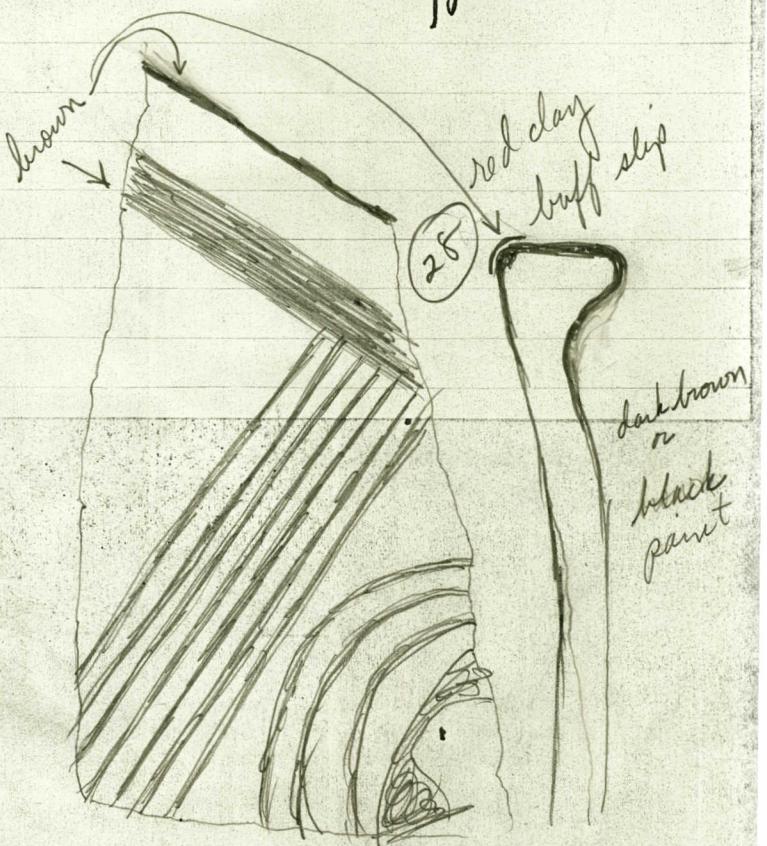
very smooth outside  
thin brown paint

Read 9/26/67

Philistine Wares Early 12<sup>th</sup> Cent. B.C. Tell Ashdod  
ex cav. M. Dothan  
Documentation + identification by M. Dothan.

- (27)
- (28)
- (29)
- (30)
- (31)

I can identify these wares as to type more closely when time permits.



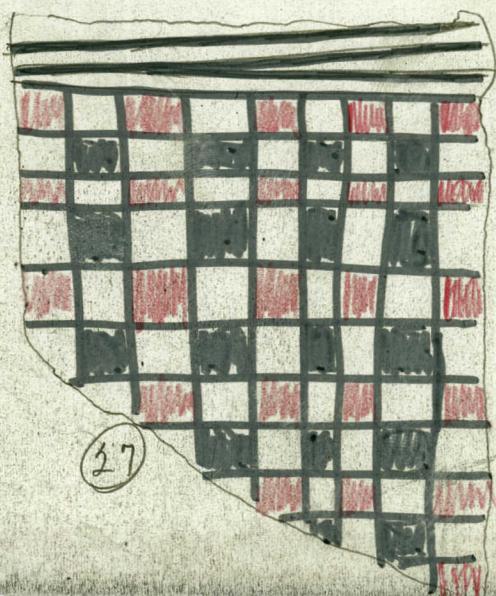
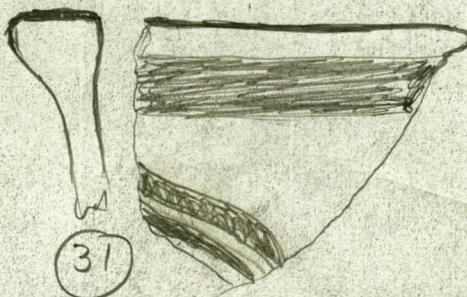
124-A ASH-1 (27)

124-D ASH-4 (28)

124-F ASH-6 (29)

124-H ASH-8 (30)

124-K ASH-10 (31)



Ram 275

Tel Ashdod suspected Mycenaean III C

ASH13 ASHIV H1043-4 Fine grit soft brown fabric. Possible black slip or decoration. Ground suspected Myc III C

ASH14 ASHIV H623 Fine grit <sup>soft</sup> grey green fabric. suspected Myc II Black band decoration. Ground

ASH15 ASHIV H992-1 Fine grit soft <sup>soft</sup> brown fabric. Rim sherd suspected Myc III C. Black band decoration both sides. Ground

ASH16 ASHIV G1793-1 Medium grit soft buff fabric. suspected Myc III C. Dark band decoration. Ground.

ASH17 ASHIV H623-3 Fine grit soft brown fabric. suspected Myc III C.

Old Oyo Fine Grey-Black Ware

OYO 1 Mark 39 Fine grey black ware Old Oyo Cave Level 1. Gray brown fabric heavily tempered coarse quartz

OYO 2 Mark 39 Fine grey black ware Old Oyo Cave Level 1. Gray brown fabric heavily tempered coarse quartz

OYO 5 Mark 39 Fine grey black ware Old Oyo Cave Level 1. Gray brown fabric heavily tempered coarse quartz

OYO 6 Mark 45 Fine grey black ware Old Oyo Cave Level 1. Gray brown fabric heavily tempered coarse quartz & other minerals.

OYO 8 Mark 57 Fine grey black ware Old Oyo Cave Level 1. Black fabric heavily tempered coarse quartz

ashdod

ASH 18-37 MYC III C 1

ASH 38-107 MYC III C 1

A

ASH 126-129 Unfired pottery, Local prepared clay

131-140 Clay samples et al

Ashland

ASH 18

19

20

21

22

23

24

25

26

27

28

29

30

31

ASH 49

48

49

50

51

52

53

54

55

60

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65

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38

39

40

41

70

42

43

44

45

46

75

Ashdod  
10/70

Run

ASH 76

ASH 105

106

107

108 H 2000/1 406 E

109 H 3342/9 F

110 H 2309/2 G

111 H 2292/1 H

112 H 2309/1 J

113 H 2251/1 K

114 H 2295/5 M

115 H 1957/2 N

116 H 2280/4 O

117 H 3055/1 P

118 H 2274/1 Q

119 H 2251/11 R

120 H 2174/15 S

121 H 1797/5 T

122 H 2225/2 U

123 H 2112/2 V

124 H 2280/2 W

125 H 2164/4 X

10/26/70  
ashdod

Run

ASH	138		
	139		
	140		
406	141	H 1797/6	406Y
	142	H 2251/12	406Z
	143	H 2243/1	407E
407	144	H 2349/1	F
	145	H 2174/1	G
	146	H 2139/1	H
	147	H 1890/1	J
	148	H 2280/1	K
	149	H 2280/8	M
	150	H 2161/2	N
	151	H 1833/8	O
	152	H 2139/3	P
	153	H 2209/4	Q
	154	H 2399/1	R
	155	H 1797/4	S
	156	H 2289/1	T
	157	H 2289/2	U
	158	H 2288/1	V
	159	H 2279/1	W
	160	H 1812/2	X
	161	H 2304/2	Y
	162	H 2277/1	Z
	163	H 2216/9	408E
	164	H 1594/2	F
	165	H 2197/1	G
	166	H 2309/6	H

Run

75H	167	H	1796/1	408 J
	168	H	2251/4	K
	169	H	1797/1	M
	170	H	2216/5	N
	171	H	1833/4	O
	172	H	2280/7	P
	173	H	1928/3	Q
	174	G	2376/1	R
	175	G	1222	S
	176	G	1229	T
	177	G	1244	U
	178	G	1405	V
	179	G	1375A	W
	180	G	1375B	X
	181	G	1375C	Y
	182	G	1543	Z
	183	G	1322A	409 E
	184	G	1322B	F
	185	G	1491	G
	186	G	1678A	H
	187	G	1678B	J
	188	G	1647	K
	189	G	1698	M
	190	G	1756	N
	191	G	1758	O
	192	G	1705A	P
	193	G	1705B	Q
	194	G	1705C	R
	195	G	1705D	S

10/26/70  
ashdod

ASH 196	G 1209	409T	
197	G 1233	U	
198	G 1234	V	
199	G 1224	W	
200	G 1255A	X	
201	G 1255B	Y	
202	G 1269	Z	
203	G 1280A		
204	G 1280B		
205	G 1280C		
206	G 1287A		
207	G 1287B		
208	G 1263A		
209	G 1263B		
210	G 1396A		
211	G 1396B		
212	G 1396C		
213	G 1436		
214	G 1574A		
215	G 1574B		
216	G 1574C		
217	G 1622A		
218	G 1622B		
219	G 1622C		
220	G 1645		
221	G 1726		
222	G 1729		

10/26/70  
ashdod

ROK 1	P.	1221					
ROK 2	P.	1886					
3	P.	1844					
4	P.	1872					
5	P.	1834					
6	*	31 May 6	III	43 TS			
7	*	31 Apr 20	III	near Pej	U42		

WALNUT

WALNUT

UNIVERSITY OF CALIFORNIA, LOS ANGELES

BERKELEY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

LOS ANGELES, CALIFORNIA 90024

July 10, 1967

Noted.....
Action.....
Recd. JUL 12 1967
Ans.....
File.....

Dr. I Perlman  
Lawrence Radiation Laboratory  
University of California  
Berkeley, California  
94720

Dear Iz,

Under separate cover I am sending you the following  
Mycenean potsherds.

- Send copy REA*
- |                  |                          |
|------------------|--------------------------|
| 1.. Kea (Import) | LM III A                 |
| 2. Mycene        | LH III A (ca. 1300 B.C.) |
| 3. Mycene        | LM III B                 |
| 4. Mycene        | LM III C                 |
| 5. Kea           | LH II - III A            |
| 6. Mycene        | LH III B                 |
- LH Late Helladic  
LH n LH is late Bronze

All are from the collection of Llyod Cotson, and were recently  
collected by him.



JDF/sj

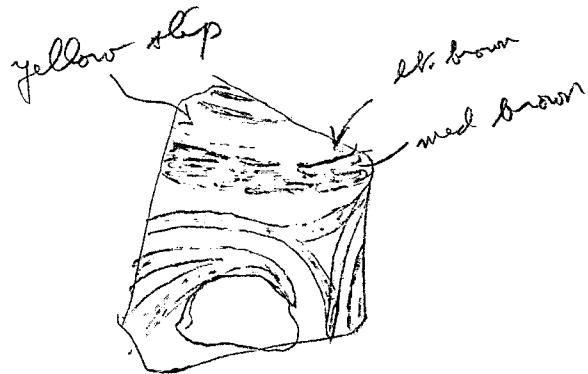
MYC 1

112-A

From Jay Frierman July 14, 1967. Obtained from collection  
of Floyd Tolson. From Mycene

This sherd is designated in J.F. letter

1. Kea (import) LM III A  
??



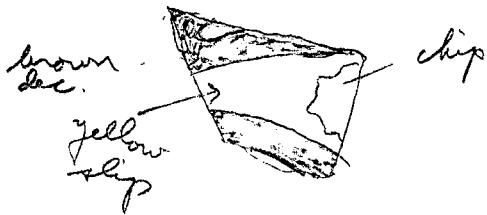
Very fine clay, ~~yellow~~ pink body, yellow  
slip, bichrome decoration in two shades of brown

MYC 3

112-C

From Fay Frierman July 14, 1967 Designated:

3. Mycena LM III B



Looks very much like Stem 1. Kea (Angelet)

\* Because of small size of sherd had to grind some in mortar & some of surface was included.

Fine pink body, yellowish slips.

MYC 4

1/2-D

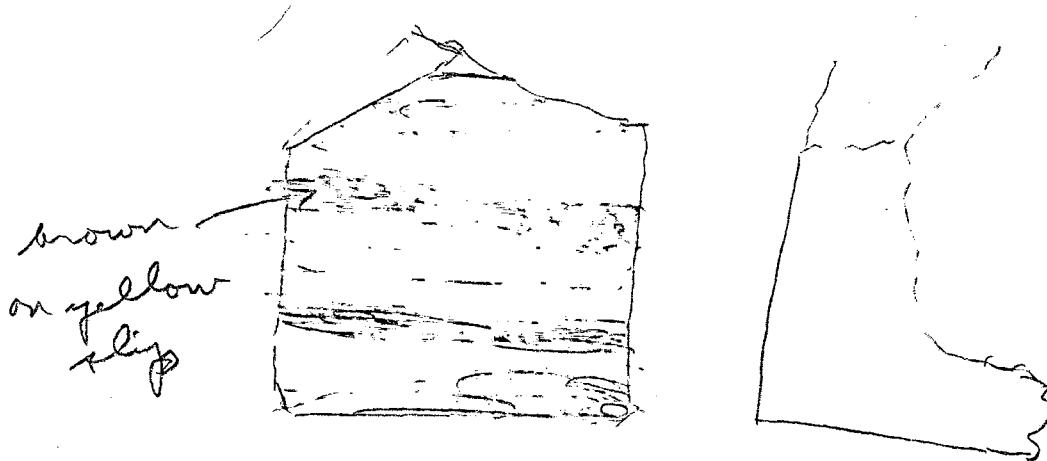
From Jay Freeman July 14, 1967

Designated in letter!.

(4) Mycene LM IIIc

On shard -

(4) KEA



Beige clay, fairly coarse gravel temper

MYC 5

113-A

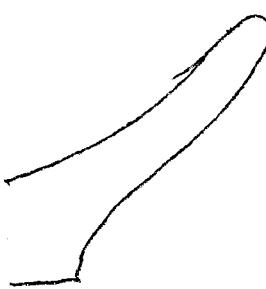
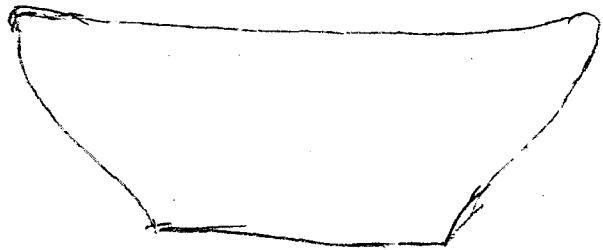
From Jay Friedman July 14, 1967

Designated in letter

(5) KEA LH II - IIIA

Design. on shard

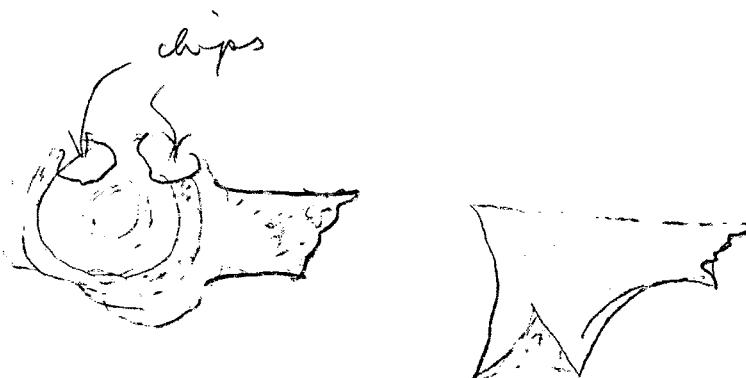
(5) KEA



Small brown coarse bowl  
clay chocolate brown

MYC 6

113 - B



From Jay Friedman July 14, 1967

Desengraved

(6.) Mycene LH III B

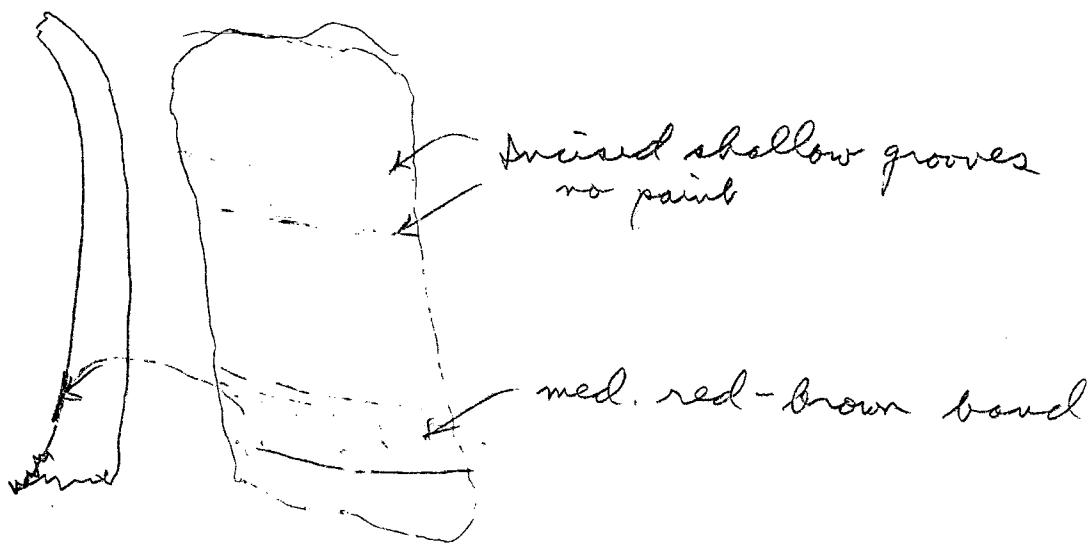
Fine pink body, yellow slip, brown paint

MYC 2

112-B

From Fay Freaman, July 14, 1967 Desegnold.

2. Mycene LH III A (ca 1300 BC)



Fine pink clay with red-brown band.

5/16/1991

✓

4 sherds

6/26/67

Country: Malawi

Karonga

District: Karonga; N.W. side of Lake of Nyasa

site : Mulindas Village

Sherds collected Aug 1966; Coarse temper, grey sherd  
flecked with mica. "Red" sherd not so red

III-F, 109-Q MUL-1 Grey sherd believed to be Kesi from east side of lake.

III-D MUL-2 "

III-G, 109-R MUL-3 Red sherd believed local from west side of lake

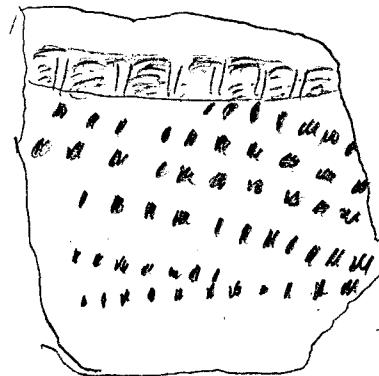
III-E MUL-4 "

Mulanda (Batch 2 from Desmond Clark  
Sept 27, 1967)

MUL 5

127-H

203X



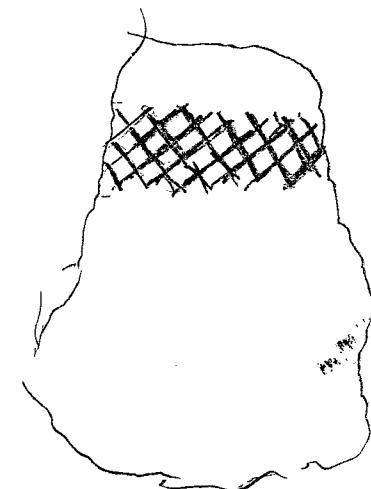
Mulanda's Tool A  
surface  
①

Stamp decoration, inverted rim, grey interior, red exterior,  
focal?

MUL 6

127-J

203X

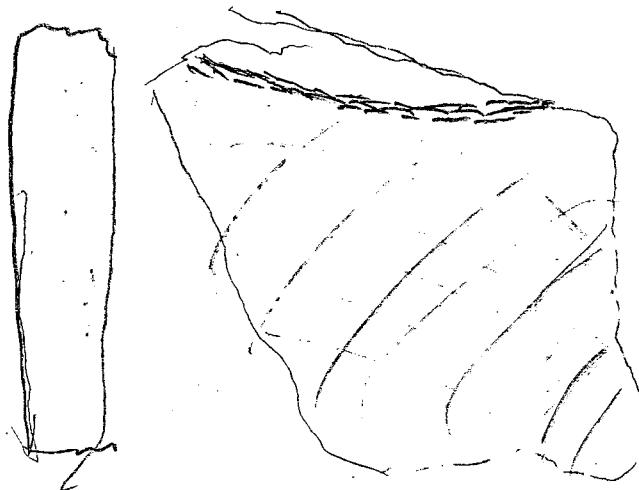


Mulanda's Tool A  
surface  
②

Avoided hatching, everted rim, red exterior, grey interior,  
focal?

MUL 7

127-K



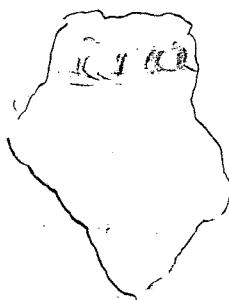
Mulanda's  
50A 0"-6"

(3)

Body sherd shallow smoothing; thick grey  
ware. Imported? Kesi?

MUL 8

127-M



Mulanda's  
50A 0"-6"

(4)

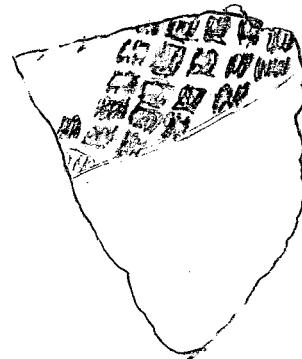
Body sherd, raised band & incision  
graphic finish, dk. grey paste imported?  
could be Henga (~30 mi S. of Mulanda)

(Very soft - crumbled on sampling)

15

MUL 9

127-N



Malenda's

50A 12"-18"

(5)

Body sherd, cross hatched incises, dark grey paste. Focal?

0

MUL 10

Between  
2.5 Y 7/2  
and  
2.5 Y 8/2



Malenda's 50A

12"-18"

128-A

203Y

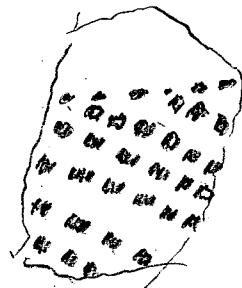
Body sherd, light grey  
paste Imported?

(6)

MUL 11

10.0 YR 7 1/2

128-B



Malenda's Test A 50

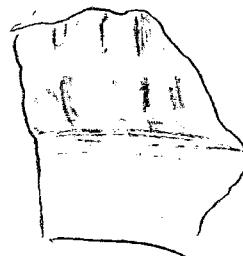
6"-12"

(7)

Rim sherd, stamped decoration, grey  
interior buff exterior  
local?

MUL 12

128-C



Malenda's 50A

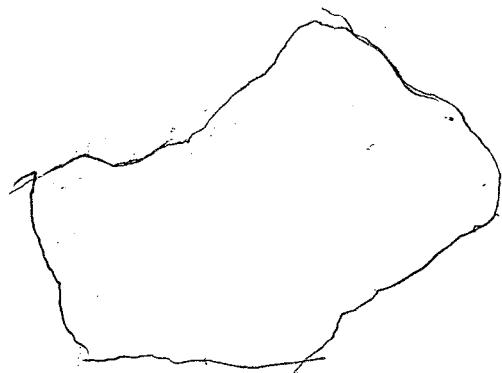
6"-12"

(8)

Rim sherd, shallow grooving  
grey red paste Imported? Kiri?

MUL13

128-D



Malenda's

Test A 50

24"-27"

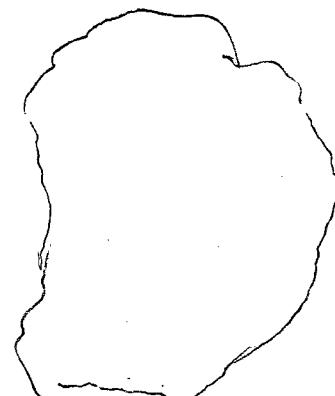
(9)

Body sherd, grey paste. Imported?

MUL14

128-E

203 Z



Malena's

50 A

24"-27"

(10)

Body sherd, dk grey interior, buff-red  
exterior. focal?

MALAWI POTTERY FOR LRL: DR PERLMAN.

MULINDA'S VILLAGE SERIES. Site 50. Test Pit A.

- ✓ MUL-S Surface:-
- 6 1. Stamp decoration inverted rim; red ext. grey int. ?local.
  - 7 0" - 6" 2. Incised hatching,everted rim;red ext.grey int. ?local.
  - 8 3. Body sherd,shallow smoothing;thick grey ware. ?imported.
  - 9 12" - 18" 4. Body sherd,raised band and incision,graphite finish.  
dark grey paste.? imported - could be Henga.
  - 10 5. Body sherd,crossed hatching,incised;dark grey paste,?local.
  - 11 6""- 12" 6. Body sherd,light grey paste. ?imported.  
*10.0 YR 7/2*
  - 12 7. Rim sherd,stamped triangle decoration.Grey int.buff ext.  
?local.
  - 13 24"-27" 8. Rim sherd,shallow grooving - grey/red paste ?imported.
  - 14 9. Body sherd,grey paste,?imported.
  - 10. Body sherd,dark grey int. buff/red ext. ? local.

MBA MBANDE COURT SHERDS. Site Mb - 1c 1966.

- 1 6" - 12" 11. Body sherd,dark grey int. buff/red ext. ?local.  
*B19.*
- 2 12. Body sherd,cream grey paste;cross scoring ext. ?imported.
- 3 A/9 13. Body sherd,buff paste. Ext and Int.scoring. ?imported.
- 4 12"- 18" 14. Rim sherd.grey paste.Ext and int. scoring. ?imported.
- 5 D/10 15. Body sherd,dark grey int. red/buff ext. Incised and  
scored. ?local.

28/9/67.

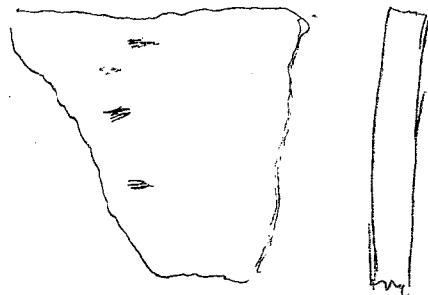
MBANDZ

Mbande Court (~5 mi W of  
Parosga)

MBA 1

128-F

10.0 YR 6/2



Mb-1C 1966

B/9 6"-12"

(11)

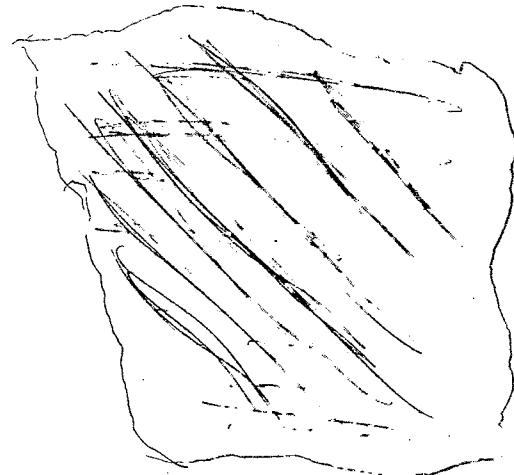
Body shard, dark grey interior, buffed exterior  
focal?

MBA 2

128-G

10.0 YR 7/2

Mbande Court



Mb-1C 1966

B/9 6"-12"

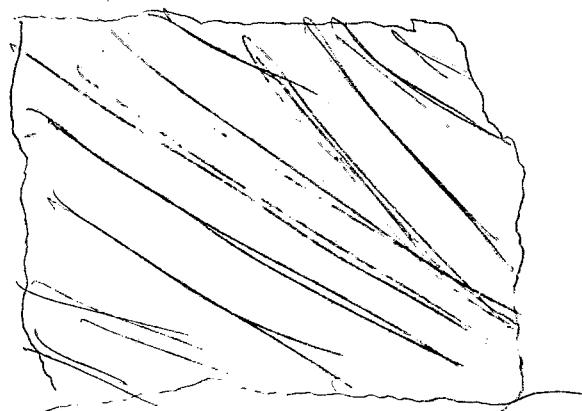
(12)

Body shard, cream grey paste;  
cross scoring exterior, fluted?

MBA 3

128-H

10.0 YR 8/2



MB-1C 1866

A/9 6"-12"

(13)

Body sherd, buff paste, exterior & interior scoring. Impressed?

MBA 4

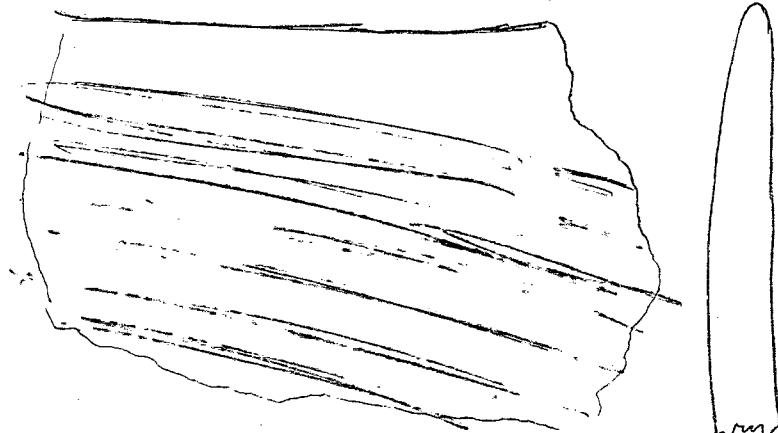
128-J

MB D/10

12"-18"

(14)

2.5 Y6/2

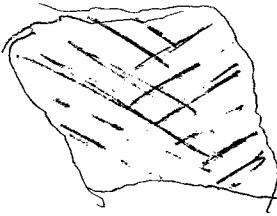


Rim sherd, grey paste, exterior & interior scoring. Impressed?

MBA 5  
128-K  
10,0 YR 6/2

MB D/10  
10"-18"

(13)



Body sherd, dark grey interior, red-buff  
exterior frayed & scored total?

# Tépé Sialk

West Iran (nr. Kashan)

Sialk II 4400 or earlier BC

Dotted

✓ 1. Sialk II

✓ 3. Sialk III 2 or III 1

✓ 5. Sialk III 2

✓ 9. Sialk III 6

✓ 24. Sialk V

Not yet

✓ 4. Sialk III 2 (similar to 5)

14. Sialk (before IV) (similar to 5)

✓ 23. Sialk V (sim to 24)

III 1, 2, 3      pre potter's wheel  
 III 7            site abandoned  
 III 4, 5, 6      potter's wheel  
 III 7            site abandoned

800-1000 yrs  
break

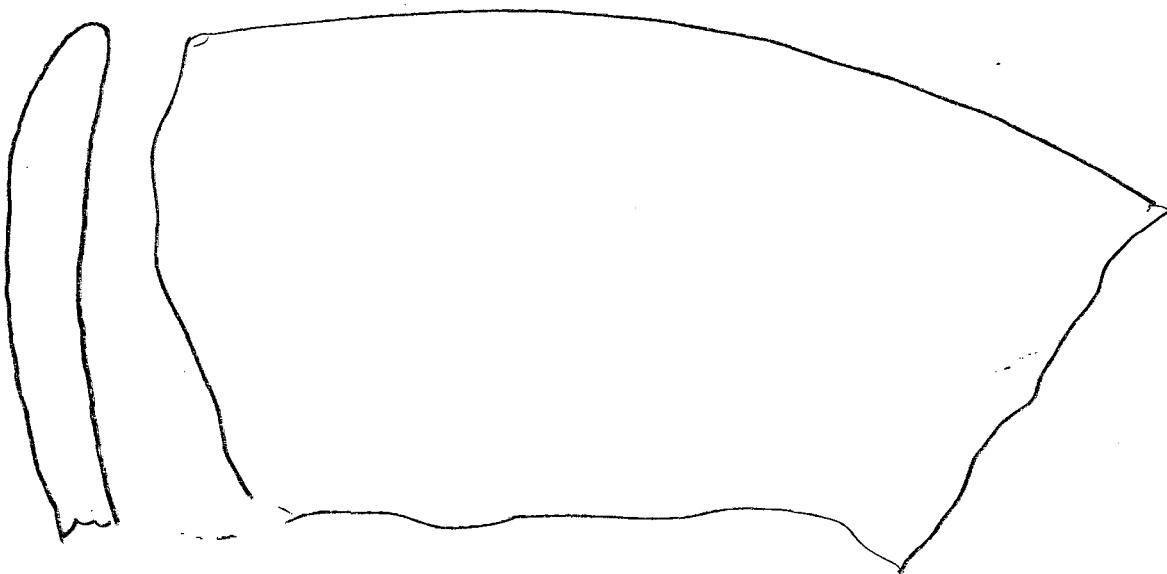
to 3000

4000 BC  
to 3500 BC  
pot  
wheel

*Nagele Deir*

Note - piece numbers refer to numbers given  
to pieces in Predynastic cemetery in 2000  
Naga - ed - Der - Albert Lyttgoe  
~~Haret exception~~  
U.C. Press - 1965  
copyright - 1965

6-3457 Naga ed Deir Tomb 303  
117-C, 117C<sub>Au</sub> numbers  
Redware, flaring bowl sherd, soft.



Association - Probable

Hearst Egyptian Expedition - A. Lythgoe  
copy 1965

Description - pg 178

Picture - figure 77 h 3/4 lower

6-3458

Tomb 303 number 2 or 1

104-E

018, A-186

Wavy handle jar (22cm)

Similar to 6-3456 (104D); color slightly  
less pink

Nag'el Den

Association - certain

Hearst Egyptian Exposition - A. Lythgoe  
copy 1965

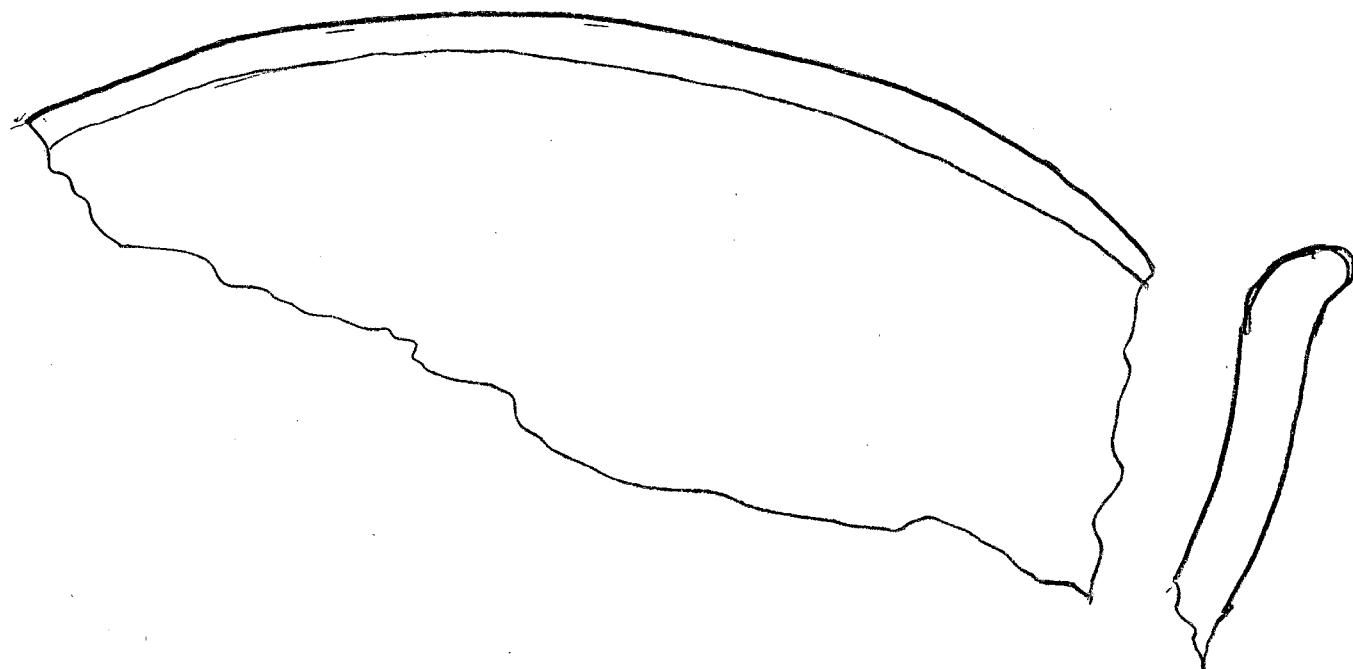
Description - pg 178

Picture - figure 77 L 4/3

6-3463 Nagal-Dir Tomb 6303 #12  
O-18, A-186

104-Q

Third from <sup>red</sup> flaring bowl; red polished inside surf.;  
fired leaving a brownish core



Association - certain

Karst Egyptian Expedition - A. Lythgoe  
Copy 1965

Description pg 178

Picture - figure 77 L 314 upper

6-3466

O104-N

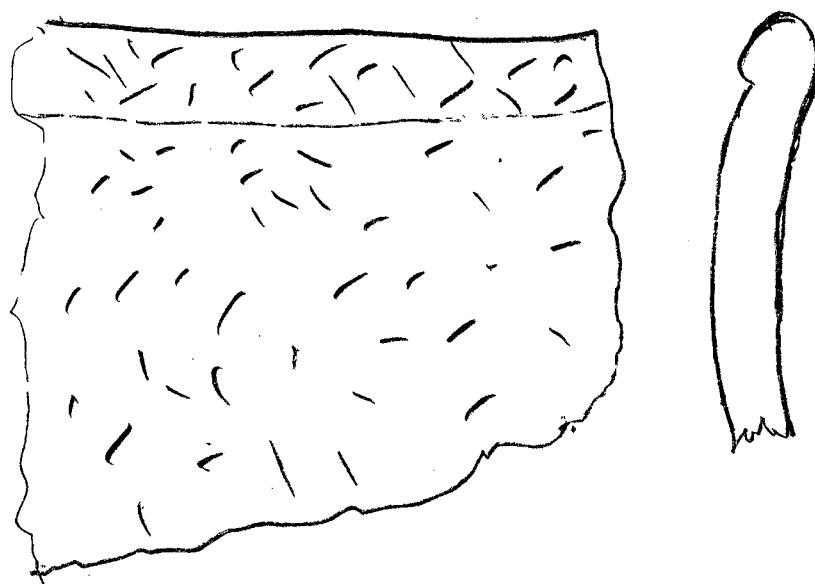
not on inventory

Powb. T 303

Raga el - Dair

Sherd from pot or bowl; dark reddish brown surface with black core ( $\sim \frac{1}{3}$ ). Coarse ware covered with many random sharply incised lines about 6-10 mm in length.

CIS



Association - impossible

No tomb mark on sherd or in  
notebooks

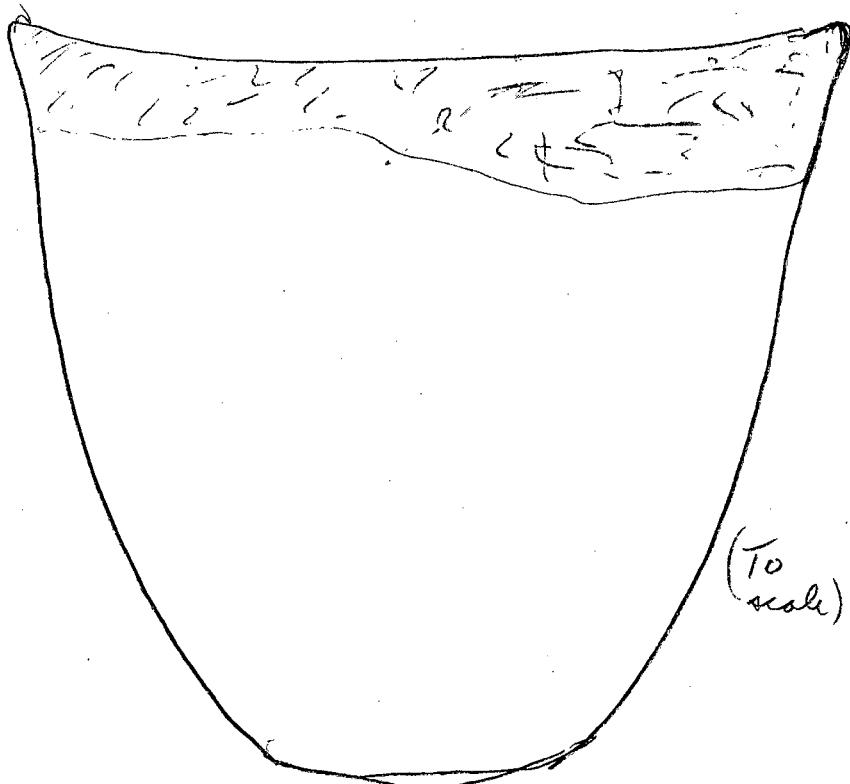
6-3468

102 J.

Tomb 304

O-18, A-187

looks just like beaker  
described from T15 with  
number 6-2930  
or T41P<sup>3</sup>



BT cup; redware, burnished outer surf,

Nag'el Den

association - unlikely - cup doesn't match  
any description in

Hearst Egyptian Expedition

Naga el- Deir

6-3471

(Sells 6-3473 in inventory?)

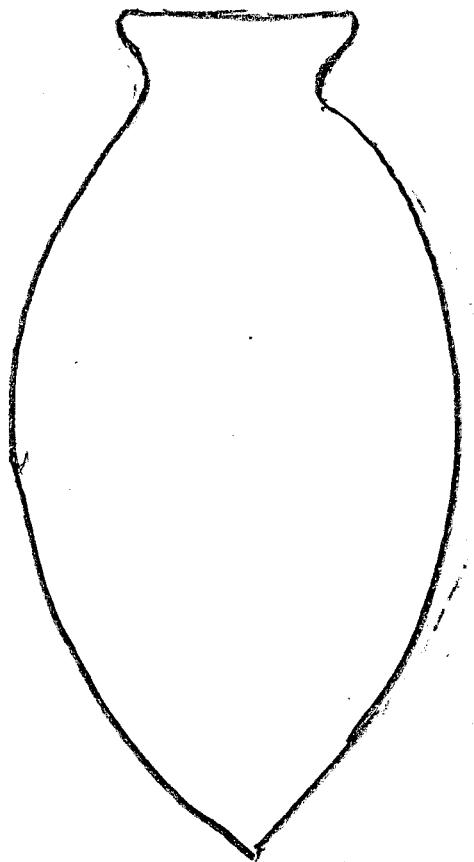
107A

Tombs 304

Important tomb  
see Lythgoe

number 3

Red ware - pointed jar



To scale

Association - Probable

Hearst Egyptian Expedition - A. Lythgoe

copy 1965

Description - pg 179

Picture - Figure 80a 214

6-3473

mislabelled on inventory

T304

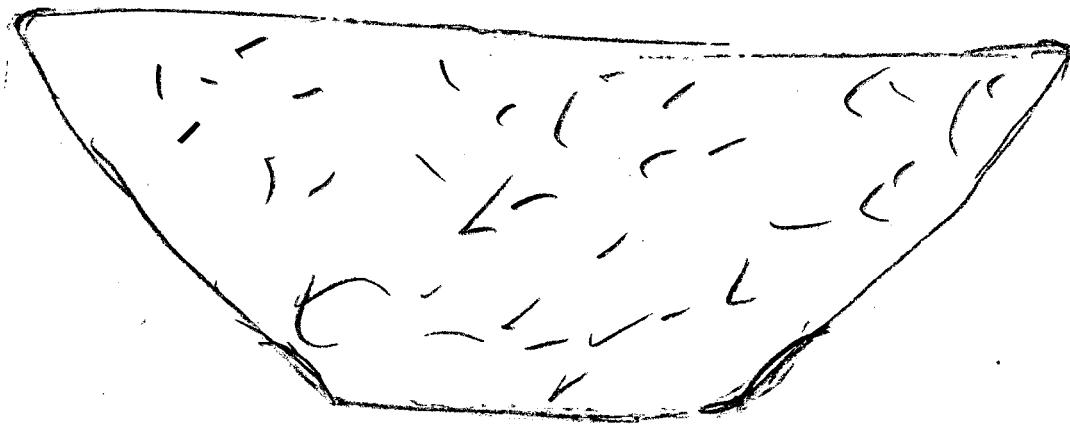
C 104 W

number 5

Course ware bowl; base with block core, ~~base~~

~~broken base, small fragment~~

Much like 6-3466 104-N



Association - certain

Hearst Egyptian Expedition - A. Lythgoe  
copy 1965

Description - pg 179

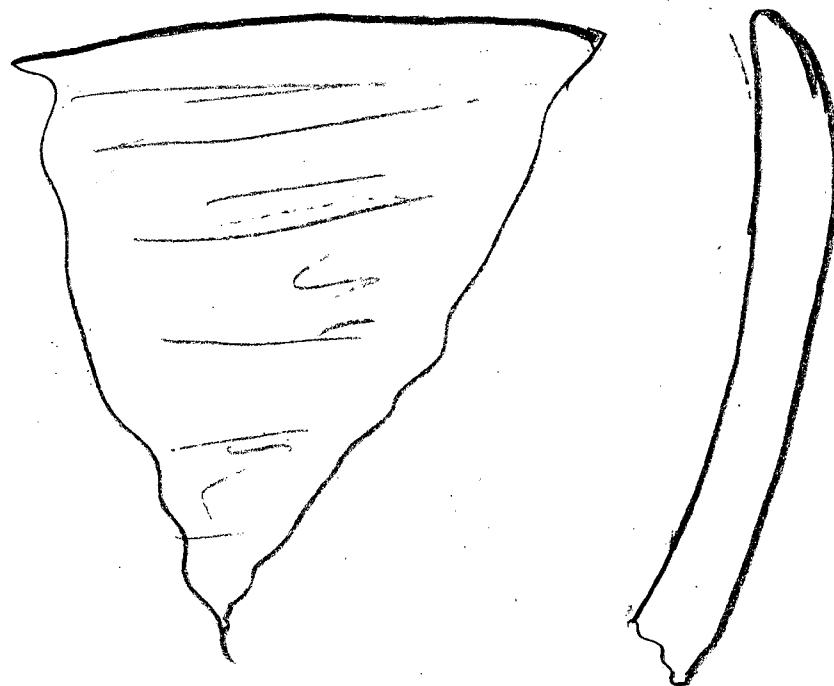
Picture - figure 80 a 1/7

6-3475

Prob. T304

G107-B

Flaring bowl sherd; red polished inner  
surf & lip



Association - Impossible - no tomb number  
available

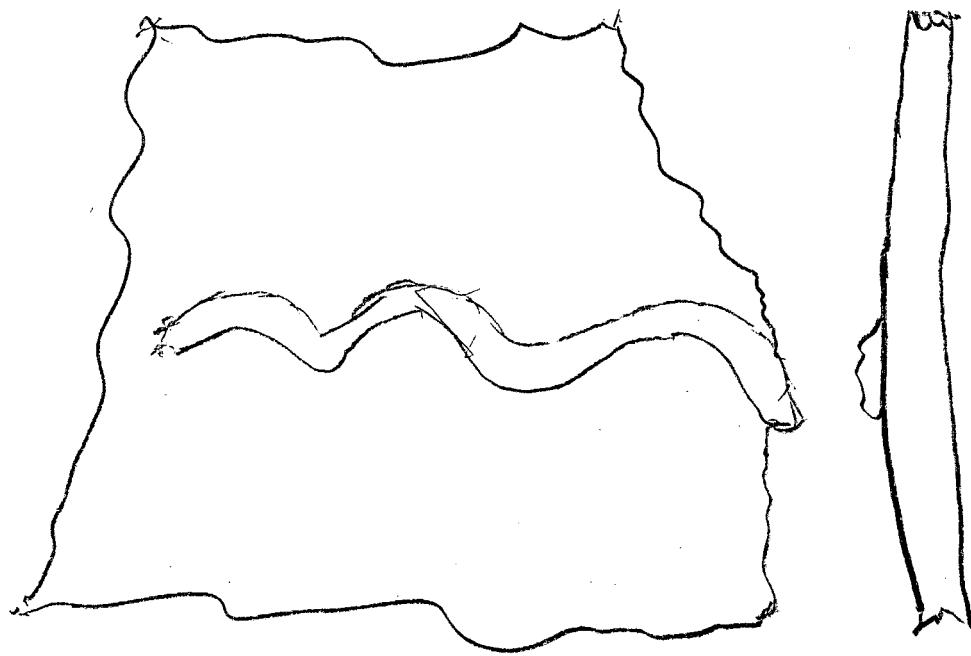
Nag 'el Dein

6-3477

C104-R

Tomb 304, number 13  
018, 4787

Navy bandle ware shard  
Pink-buff with buff core



#13 in fibgoe p<sup>179</sup> ?

Nag'el Stein

C Association - certain

Hearst Egyptian Expedition - A. Lythgoe  
copy - 1965

Description - pg 179

Picture - figure 80a 2/5

naga-el-Dair

6-3477-2

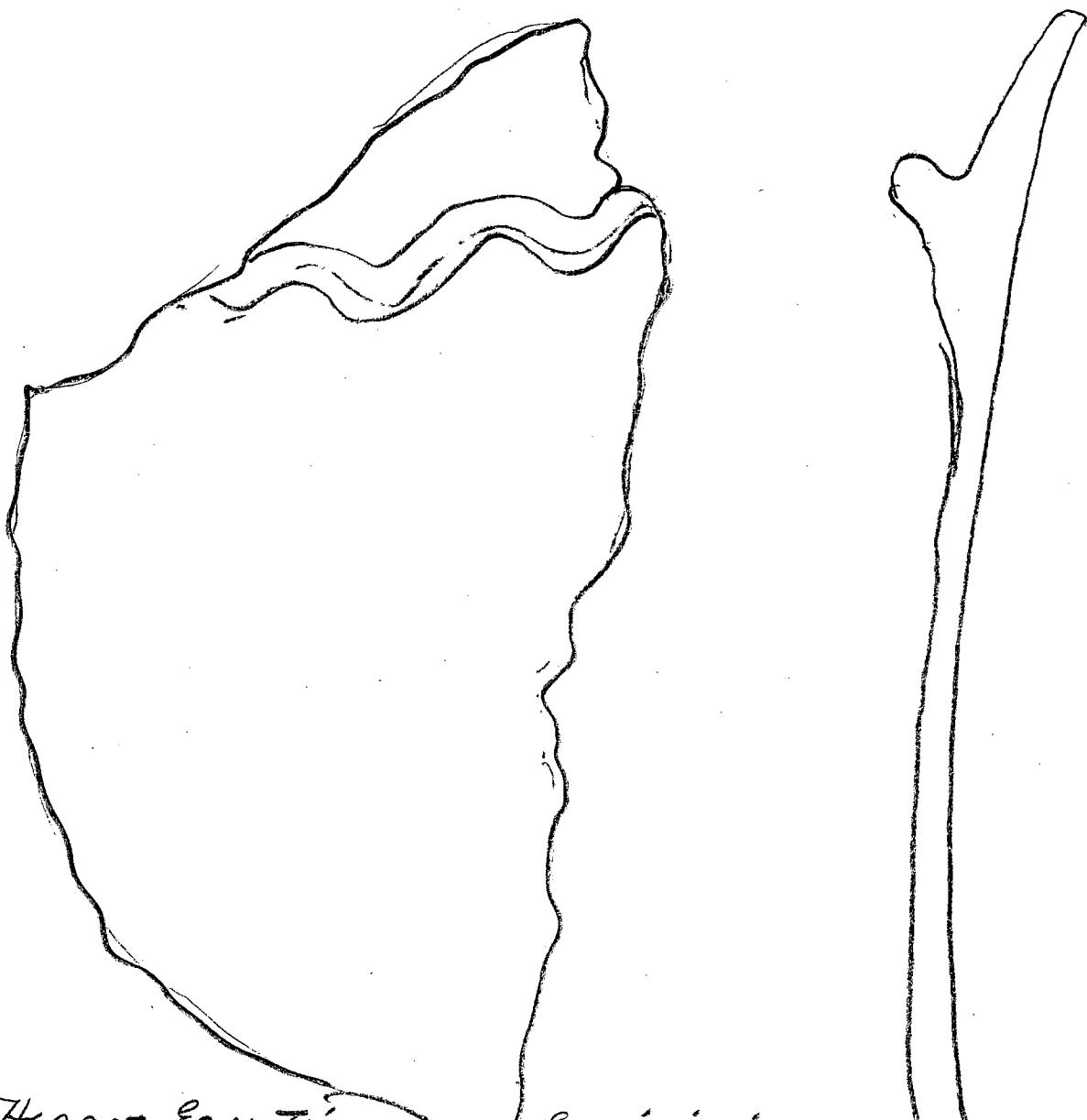
107-C

T304 number 17.

prob. #17 Lettgoe p 129

Wavy handle shed from large pot;  
terra cotta surface, buff core

Association - certain



Hearst Egyptian

copy-1905

Exposition A.

W. Lytgoe

Description - pg 179

Picture - figure 80a 3/6

Tell al Ubaid begin 4<sup>th</sup> mill BC

single period, single site

closed

1611

1614

1616

1618

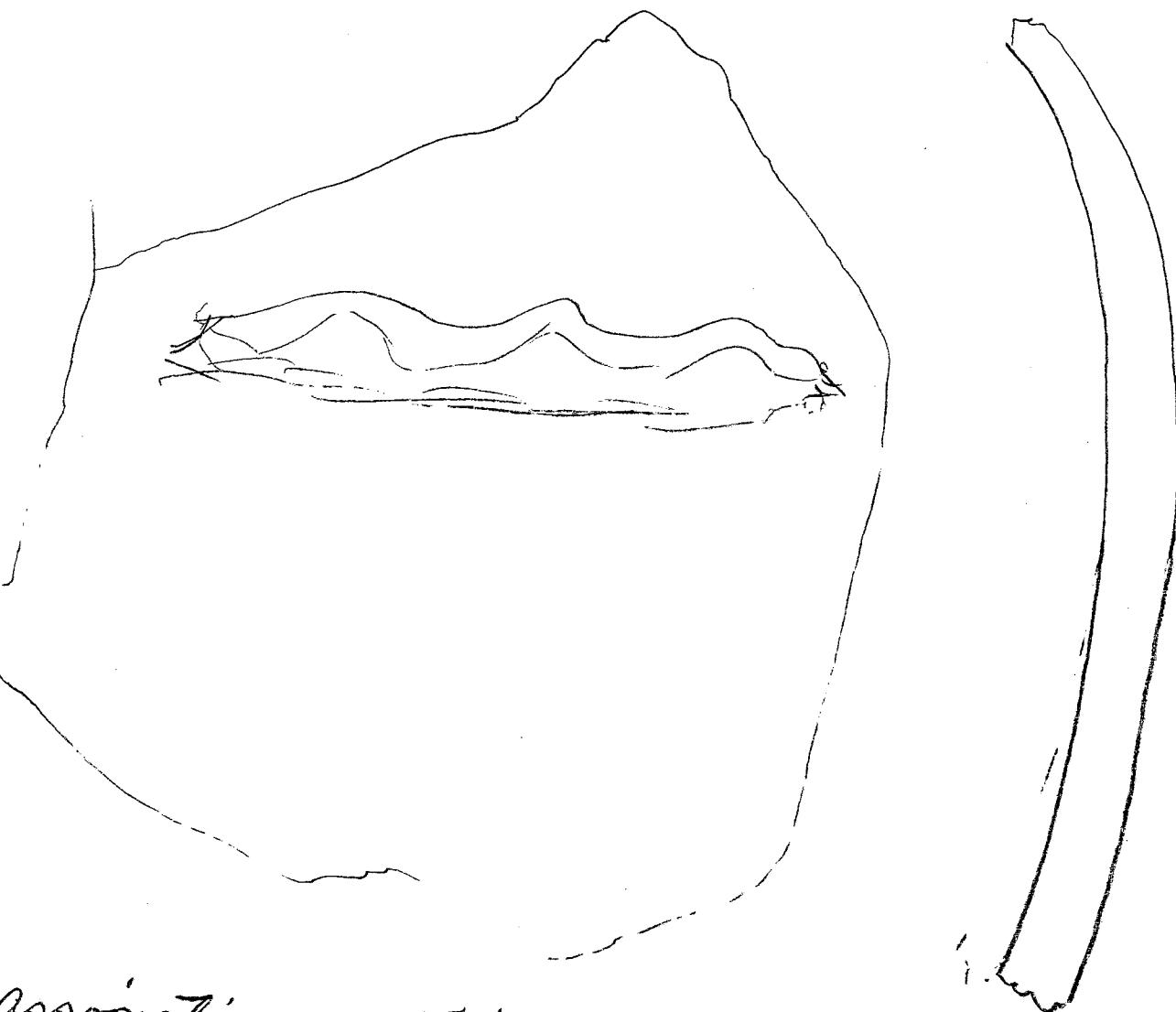
1619

Not yet

1622

1620

6-3346 Naga el Deir Tomb 266 number  
116-B 26  
Shard from large wavy handled jar. Pink



Association - certain

Hearst Egyptian Expedition - A. Lythgoe  
copy 1965

description - pg 152

picture - pg 153 Figure 66 or 215

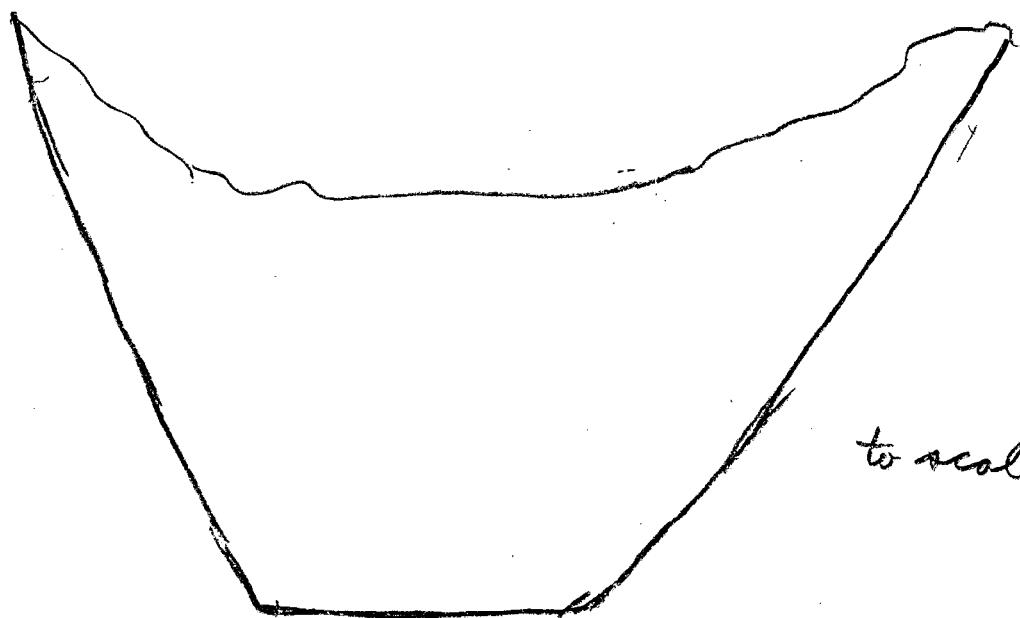
C 6-3348  
104-M

not on inventory

Tomb 265?

This number corresponds  
with finds in T266

Base of medium size (BT?) jar; red body,  
red polished exterior; interior black, protruding  
 $\frac{1}{3}$  to  $\frac{2}{3}$  than the body.



Association - uncertain - very faint  
pencil mark on pot believed to read  
7265 -

Hassan Egyptian Expedition - A. Lythgoe  
copy 1965

Description of tomb Nag' el Deir

265<sup>6</sup> - pg 149

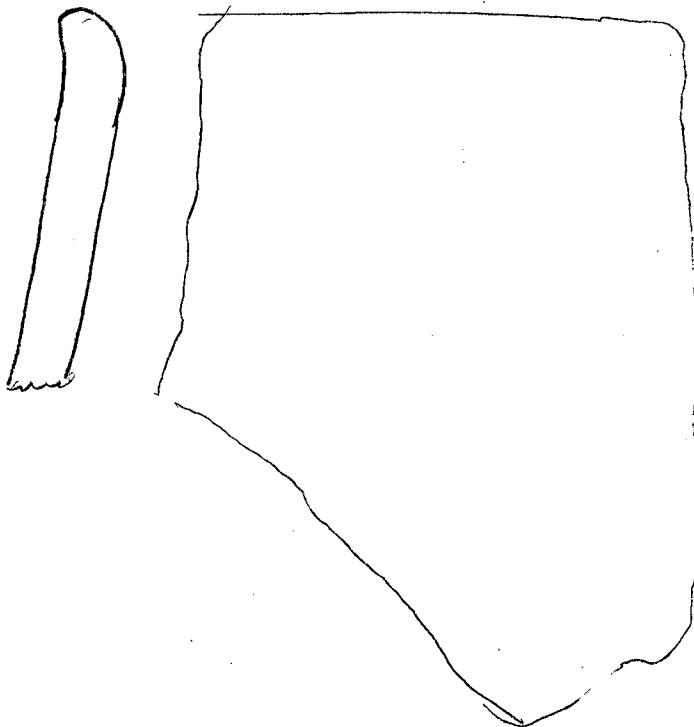
10

6-3349

102 F

(not on inventory)

Number corresponds with finds  
in T266



Redware; sherd from bowl, burnished  
inside

Much like 6-3287

Nag'd Dan

Association - none

No tomb number on sherd or in  
notebook

6-3365 (not on inventory) tomb 271  
C 104-F (top) side number 1  
104-C (bottom)

Wavy handle jar (28 1/2 cm)

Large version of 6-3458 ; buff

C

## Check in Museum Catalogue

Association - Probable

Hassett Egyptian Expedition A. Lythgoe  
copy - 1965

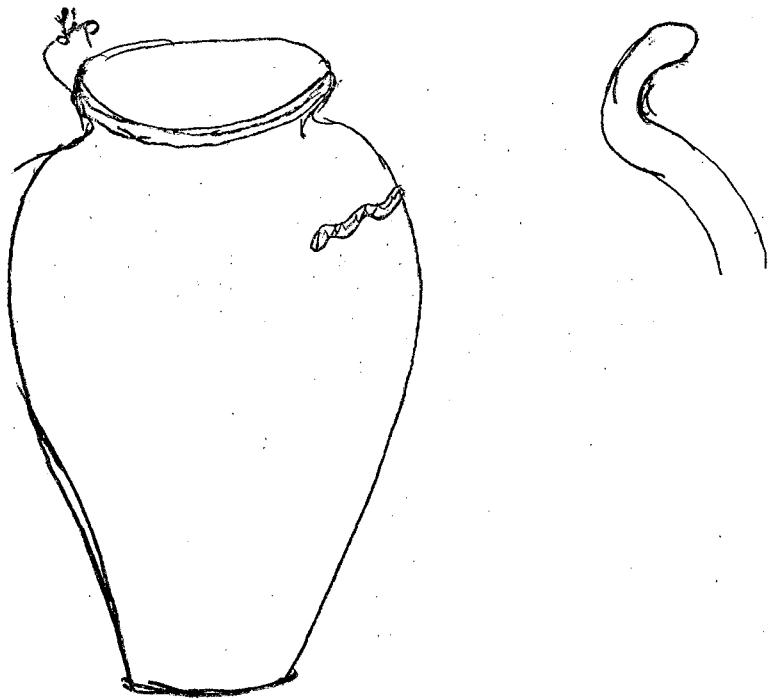
Q Description pg 156

Picture - figure 68 & 1/1

6-3367

102E

Tomb 271 number 2 ?  
0-17, 4-178



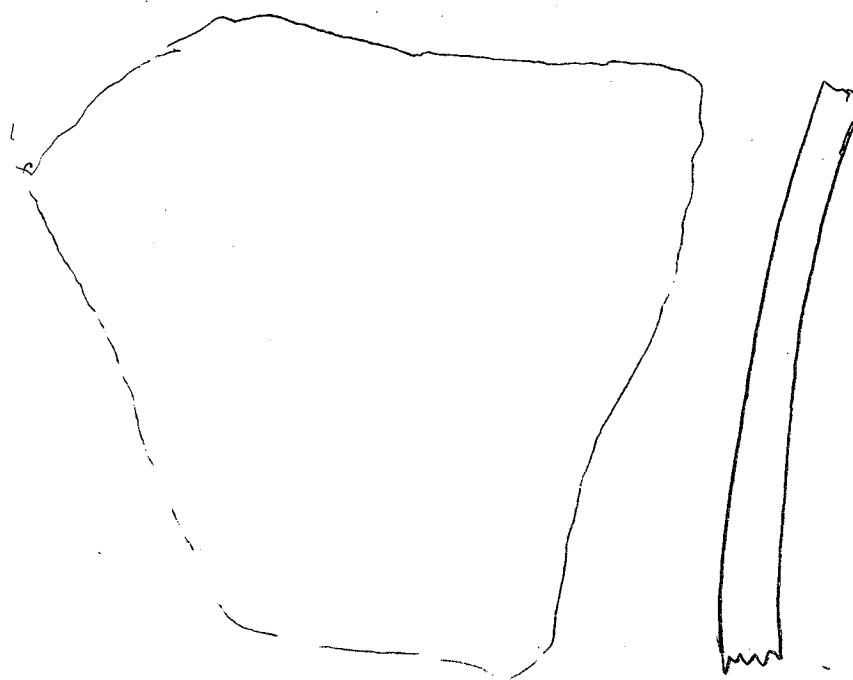
Look up in Museum Catalogue

Navy handle jar 15 cm; light red

Association - uncertain - pot not in drawer

68 1/1

6-3369 Naga el Dein Tomb 271 number-  
114-D uncertain  
Sherd from plain polished ware.



Association - other than tomb number unable  
to say - several polished R.W. pots  
found.

Khartoum Egyptian Expedition - A. Lythgoe  
copy 1965

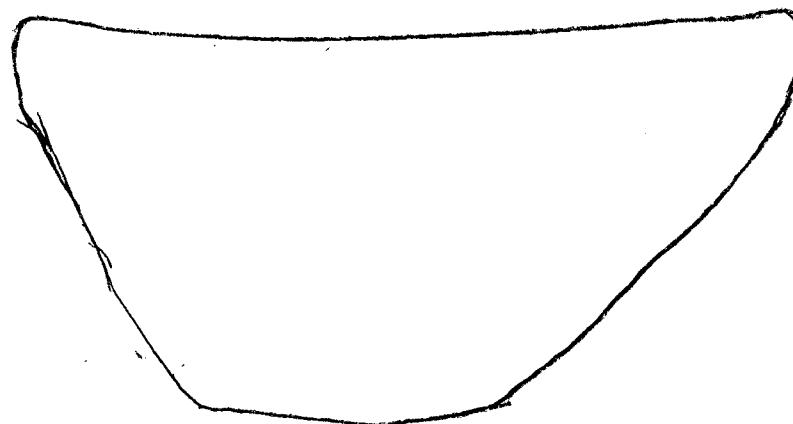
Description Tomb 271 - pg 156.

6-3371

C104 K

Tomb 271 - number 5  
0-17, A-178

Red ware bowl (8cm high x 20cm) ; red polished  
inner surf.; body buff



Association - certain

Hearst Egyptian Expedition - A. Lythgoe  
copy 1965

Description - pg 156

Picture - Figure 68 & 115

Nag'et Deir

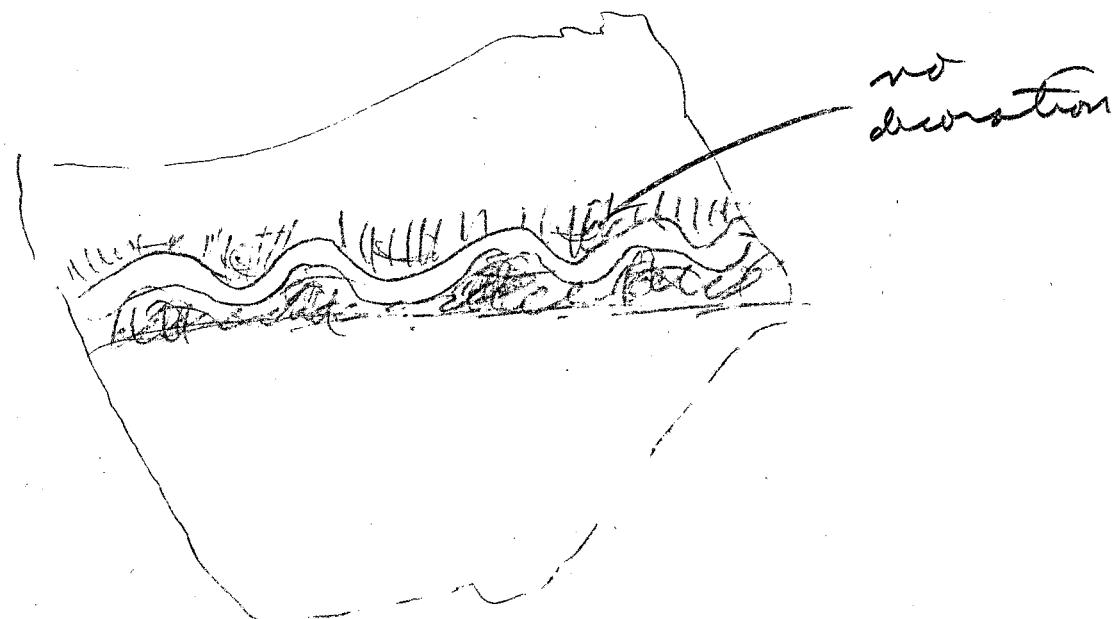
6-3372

(not on inventory)

104-L

Number agrees with finds in T 271

sherd from wave handle vessel; terra-cotta  
fired to grey or buff core.



check analysis of Pot! 104-L } same # 6-3372  
117-A } but different sherd.  
May be part of some pot. Check!

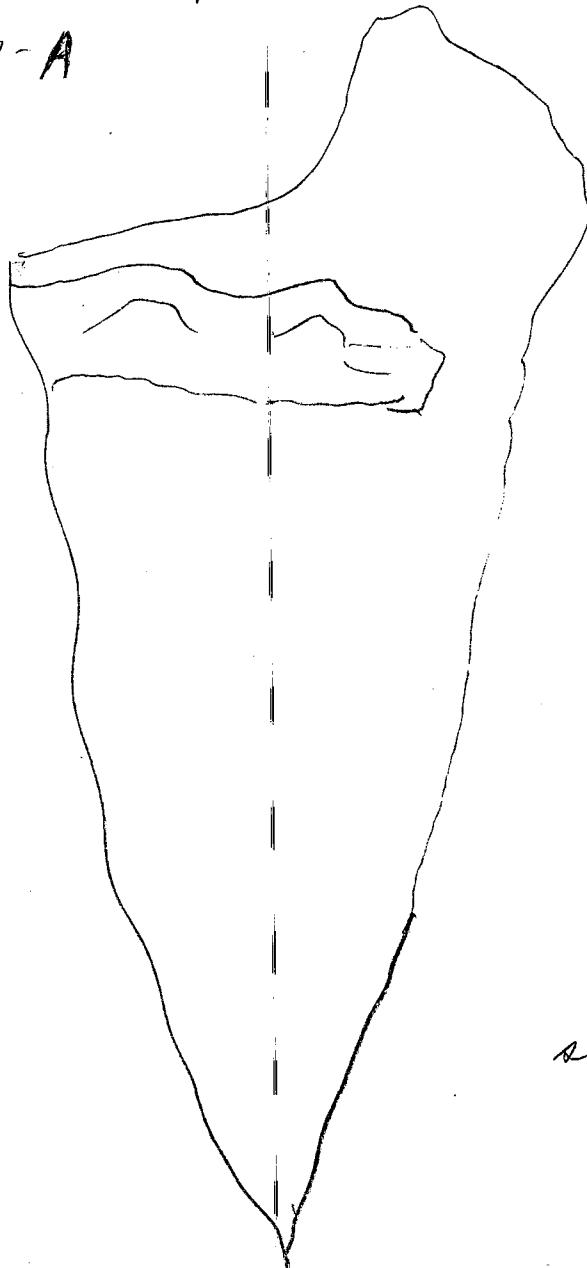
Association - impossible - no tomb number  
in notebook or on sherd

Nag'l Day

1C

6-3372 Nagada Deir Tomb (not on inventory)  
Navy handle sherd, grey-pink, fairly hard

117-A



check analysis of Pot S104-L  
117-A

same # 6-3372

but different shreds.

Association - impossible - no tomb num -  
see in notebook - pencil number on  
sherd illegible

6-3376

D104 BB

Tomb 271 number 9?

O-17, A-178

5-shards from a single vessel, red polished  
outer surf.



Association - not likely

Shards say 7271 in pen + pencil -  
<sup>9</sup>

description 7271 in Harkt's  
<sup>9</sup> Egyptian  
Expedition

PG 156

doesn't correlate - "fragments  
from top + base BK'T beaker!"

6-3390 Naga el Klein Tomb 271 Num. 1

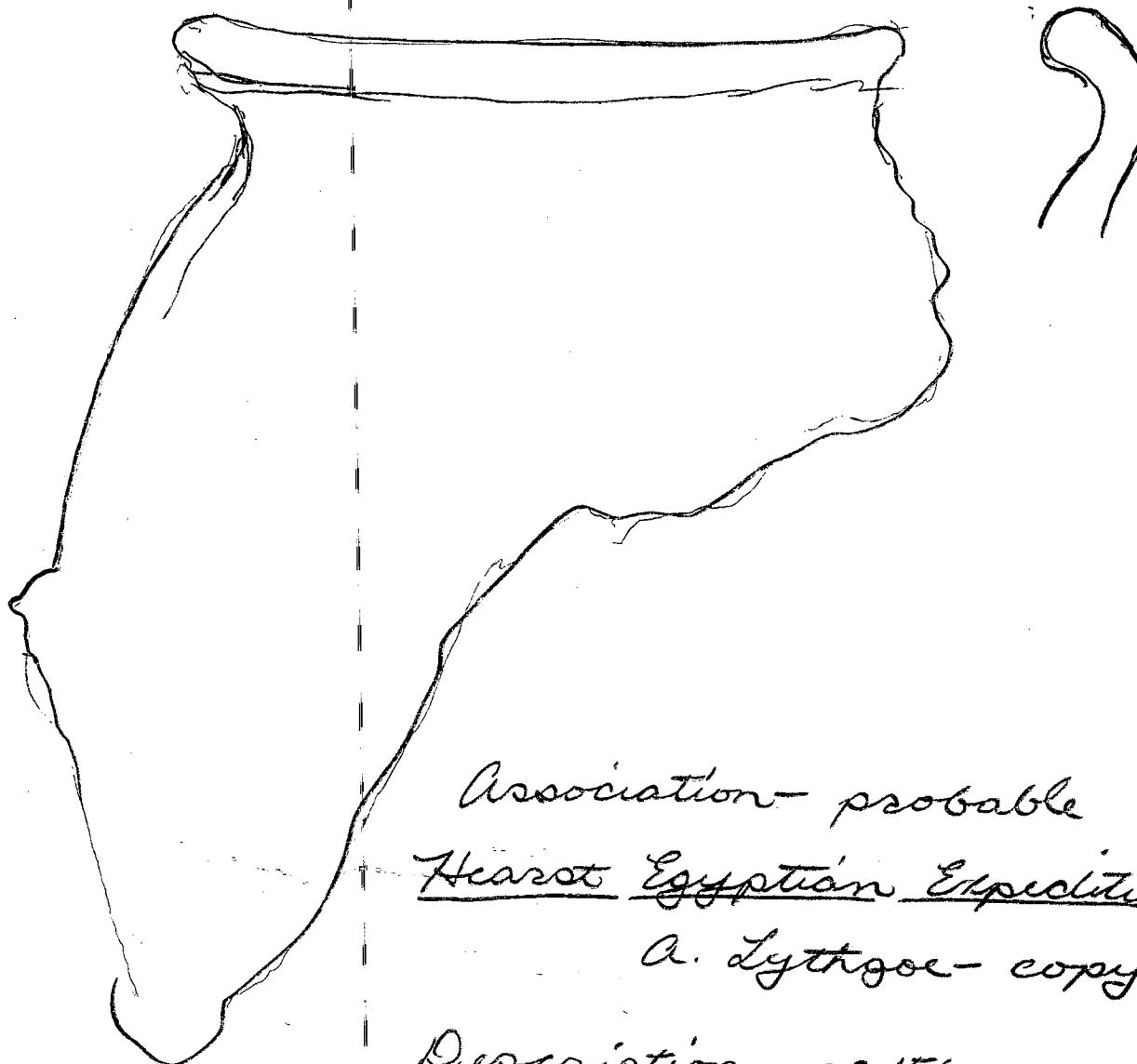
117-B

117-BAn

120-FAn

not off inventory) Prob. T273 check!

sherd from large wavy handle jar. Deep pink



Association - probable

Hearst Egyptian Expedition

A. Lyttloe - copy 1965

Description - pg 156

picture - figure 68 & 111

MARKABLE

Description of marble specimens from WKP

Aug 29, 1967

- 118-N MPEN 1 Pure white marble, surface corroded sand color. Pentelic.
- 118-M MPAR 1 White marble labeled Paros
- 120-E MPEN 2 White marble labeled "Pentelic marble from Spilia" on envelope.
- 120-F MPEN 3 White marble labeled "Pentelic" on envelope & having archaeol. number 153-14-21 on fragment.
- 120-J MNAX 1 White marble in bag labeled "Naxian (Apollona)".
- 120-D MDEL 1 White marble in bag labeled "Delos". Fragment had been sawed thru archaeol. number leaving only C  
IB
- 120-A MPAR 2 White chip labeled on envelope "Parian ΛΙΧΝΙΤΕΣ"
- 120-G MPEN 4 Grey-streaked marble with archaeol. mark 153-14-20 + "Pentelic" written in pencil (rather soft to drill)
- 120-C MART 1 White marble chips in bag labeled "Artemesian" (very hard)
- 120-N MTIN 1 White marble chip marked "Tinos" (fairly soft)
- 120-B MPAR 3 White marble slab in envelope labeled "Sicyonic marble from Paros".

120-K MPUI

White marble, quite hard.  
Provenance unknown

120-H MPEN5

Envelope labeled "Hym. (Achesbe) marble from  
Penteli." Rather uniformly grey material

120-M MPU2

White marble, provenance unknown

12E4DS

12E4DS

# Beads in Run 117

MAP 117-G	A5	20 mg	blue beads.
MAP 117-H	D2	50 mg	- amber beads
MAP 117-J	D4	50 mg	apple green beads
TEB 6		30 mg	
	117-K		

## Sites:

A = Mapungubwe, <sup>(River)</sup> S. Limpopo Rockshelter  
D = " Eastern Area, Ex. 7, No. 1, Skeleton # 14  
TEB = Tebtunis (Roman city in Egypt)

~~786~~

KIS-1 - Pot

117-F

Description: Modern Kisi pot from Desmond Clark

Bend Claws  
Batch from Willits

Run 214

		Group	Dichroic Dichroic	$\sim 150$ mgm	gold discoloration
214-E	920	1A	Yes	light blue-reflected & yellow-transmitted	
214-U	17	1B	Yes	<sup>920 mgm</sup> light blue-reflected & yellow-green transp. 13 mm x 6.5 mm <sub>2 mm hole</sub>	
214-O	207	1B	Yes	<sup>240 mgm</sup> cane - 4.6 mm x 5.5 mm $\varnothing$ w. 1/4 mm hole	
	179a	1B	Yes	p.i. II Orun Obi Ado blue-reflected 6.5 mm x 6 mm $\varnothing$ w. 1/4 mm hole	
				<sup>n 376 mgm</sup> Yellow gr. trans.m	
214-J			Yes		
OLD 070	27	2A	Yes		
214-W	117	2A	No	$\sim 595$ mgm	
ITA YEMO	27	2A	No	$\sim 934$ mgm	
214-F	27	2A	Yes	$\sim 422$ mgm	
214-P	855		Yes	$\sim 360$ mgm	
214-M	914		No	$\sim 230$ mgm	
214-V	1411		Yes		
214-T					
EL Pox	233a	3		(1 weather unass b)	<sup>233b</sup> 233a dichroic
214-R	235	3	No	$\sim 690$ mgm blue green	
	235b				
ITA YEMO	19	bij 3			
20*		3	yellow striped with brown (2) opaque blue green lead	7 mm $\varnothing$ x 4.5 mm long w. 1/4 mm hole $\sim 270$ mgm	
214-H	21a	3	light yellow green	6 mm $\varnothing$ x 2.5 mm w. 2 mm hole	$\sim 115$ mgm
214-Q	21b	3	dirty yellow green	4-5.5 mm long x 5.5 mm $\varnothing$ w. 2 mm hole	$\sim 240$ mgm
214-S	22	3	dirty yellow opaque	11 mm. $\sim 4.5$ mm $\varnothing$ barrel shaped w. 1.5 mm hole.	535 mgm
	23	3	brown	6.5 mm x 6 mm $\varnothing$ w. 2 1/2 mm hole	485 mgm
214-K	179b	1B	No	translucent bluish green-reflected	light green transmitted
			<del>p.i. II</del>	$\sim 90$ mgm 2 mm x 7.5 mm $\varnothing$ w. 3/4 mm hole	
214-N	179c	1B	{ opaque	50 mgm greenish blue	5 mm $\varnothing$ 3/4 mm hole

80//as

50//as

*Perlman copy*

THE ROBERT H. LOWIE MUSEUM OF ANTHROPOLOGY  
103 Kroeber Hall  
University of California  
Berkeley, California 94720  
(Area 415) 845-6000, ext. 3681

Loan No. 567-68#36

Specimens:

Other:

Value:

Insured by: Lovia Morgan

### LOAN REQUEST

Date of request: Oct. 11, '67 Date loan is expected to be returned: April '68  
Name of borrower: Prof. Isadore Perlman Telephone: \_\_\_\_\_  
Address of borrower: Lawrence Radiation Lab. (Campus)  
Department or organization: \_\_\_\_\_  
Purpose of loan: determination of elements in pottery clays.  
Number and kinds of specimens or other materials: 37 pottery items, Ballas, Egypt  
Sponsoring Curator's approval: \_\_\_\_\_ Museum's approval: J-E. Dawson  
Date of removal of specimens: Oct. 11, '67 How removed: \_\_\_\_\_  
Signature of borrower: \_\_\_\_\_  
-----  
Date of return: \_\_\_\_\_ By whom returned: \_\_\_\_\_  
Condition of returned specimens: \_\_\_\_\_

Receiving Preparator: \_\_\_\_\_

### PROCEDURE AND REGULATIONS FOR BORROWING SPECIMENS

#### A: To the Preparator

1. Be sure the loan has been approved by the Director of the Museum (or his Deputy).
2. List and describe all material by number on the listing form provided, making a separate entry for each Catalogue Number. Do not condense consecutive Catalogue Numbers. Group the items by Catalogue (e.g., Cat. 1 together, Cat. 2 together, etc.). Numbers in sequence within a given Catalogue may be listed sequentially if practicable. If loan is for MUSEUM EQUIPMENT, give U.C. Inventory Number.
3. Note condition of any object to be loaned, if fragmentary, broken, or otherwise imperfect.
4. PREPARATOR WILL SIGN AND DATE THE LISTING FORM TO VALIDATE IT.

#### B: To the Borrower

5. Arrangements for insurance throughout the loan period must be made for all material leaving the Berkeley Campus.
6. RETURNING OF SPECIMENS: The borrower must check the specimens against his copy of the loan list. He is fully responsible for them while they are in his care, and must report any loss or damage. Returned loan materials are to be deposited with Museum personnel for checking in and re-filing.
7. EXTENSION OF LOANS: The borrower must ask for extension by letter or telephone before the original term has ended, giving reasons in full.

CAT. NO.	NO. PCS.	ITEM, DATA FOR BORROWER'S USE; CONDITION	PROVENIENCE	EVALUATION
✓ - 5086	Bal-18	Red slipped jar w/gum contents	Ballas, grave 75	125.
✗ - 4854	Bal-3	Rim sherd of black-top ware	Ballas, grave 19	10.
✓ - 4951	Bal-10	Bottom sherd, large coarse jar	Ballas, grave 52	10.
✓ - 5059	Bal-16	Wall sherd of large coarse jar	" " 73	10.
✗ - 4908	Bal-8	Bottom sherd of a red slipped jar	Ballas, grave 33	10.
✓ - 5031	Bal-13	Bottom sherd of a flaring bowl	" " 70	10.
✗ - 4860	Bal-4	Bottom of a red slipped jar	Ballas, grave 20	10.
✓ - 5072	Bal-17	Globular jar with red slip designs	" " 74	140.
✗ - 4971	Bal-11	Wavy handled jar	Ballas, grave 62	150.
✗ - 5054*	Bal-14	2 frags of wavy handled jar; clay? contents	" " 73	10. ea = 20.00
✗ - 4999	Bal-12	Wavy handled jar w/ red crossing line designs.	Ballas, grave 66	175.
✗ - 5055*	Bal-15	Wavy handled jar w/ clay & fiber contents	" " 73	200.

TOTAL  
NUMBER PCS.X = packed and returned to  
Rodden 8/8/68\* plug TOTAL:  
separate from pot.

CAT. NO.	NO. PCS.	ITEM, DATA FOR BORROWER'S USE; CONDITION	PROVENIENCE	EVALUATION
✓ 6-5215	Bal-20	Wavy handled jar, red slip areas	Balläs, gr. 93	200.-
✗ 6-5214	Bal-19	" " plain	" " "	200.-
✗ 6-6344	Bal-37	Wall sherd of plain jar	Deir-el-Balläs, cen. I, tomb 19	10.-
✗ 6-6339	Bal-36	Bottom of bomb-shaped jar	" " "	10.-
✗ 6-6232	Bal-35	Bomb-shaped jar	Deir-el-Balläs, cen. I, tomb 8	100.-
✗ 6-5933	Bal-34	Bottom of red slipped jar	Balläs, gr. 301	10.-
✗ 6-5772	Bal-31	Rim sherd of globular, plain jar	Balläs, gr. 216	10.
✗ 6-5795	Bal-33	Globular jar w/ red paint strokes	" , gr. 221	110.
✗ 6-5763	Bal-29	Wall frag. of plain jar	" , gr. 213	10.
✓ 6-5792	Bal-32	Base frag. of jar with slip painted lines.	" , gr. 220	10.
✗ 6-5728	Bal-28	Rim frag. polished plain bowl	" , gr. 202	10.
✗ 6-5723	Bal-27	Base of a plain jar	" , gr. 201	10.
✓ 6-5771	Bal-30	Wavy handled jar with crossing red lines	" , gr. 216	200.-
TOTAL NUMBER PCS.			TOTAL:	

LOAN  
INLOAN  
NUMBER \_\_\_\_\_PAGE 3

R.H. LOWIE MUSEUM OF ANTHROPOLOGY

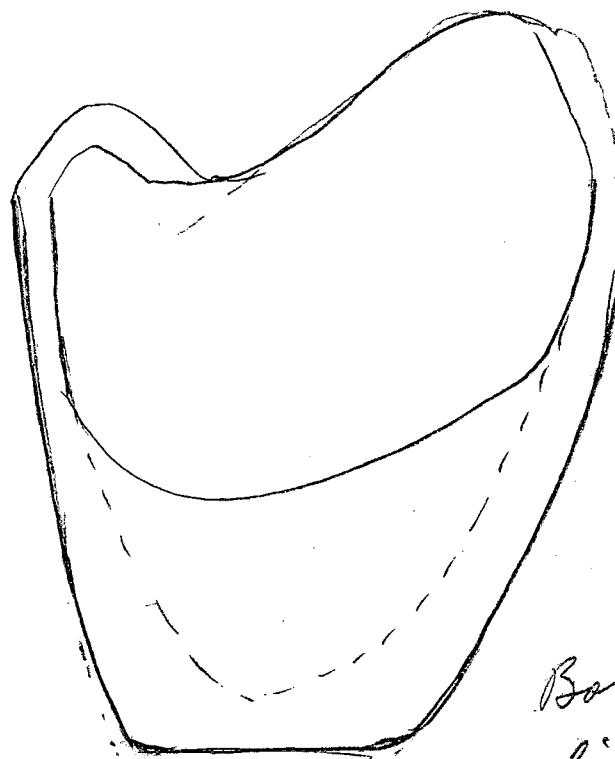
CAT. NO.	NO. PCS.	ITEM, DATA FOR BORROWER'S USE; CONDITION	PROVENIENCE	EVALUATION
X 6-5248	Bal-21	Red slipped jar	Ballas, qt. 100	100
✓ 6-5291	Bal-23	Wall frag. of ware, handled jar.	" " 106	10.
✓ 6-5261	Bal-22	Rim frag. of plain bowl	" " 102	10.
X 6-5396	Bal-25	Wall frag. of jar w/ red stripes	" " 123	10.
X 6-4812	Bal-1	Botton of red slipped jar	Ballas, grave 3	10.
✓ 6-4861	Bal-5	Black-top jar	" " 20	65.
X 6-4893	Bal-7	Botton ant. side of a black-top bowl	" " 28	10.
✓ 6-5310	Bal-24	Globular jar w/ red wavy lines	" " 108	120.
X 6-4837	Bal-2	Base of a black-top jar	Ballas, qt. 13	10
X 6-4890	Bal-6	Small black-top jar	Ballas, qt. 27	70.
X 6-4936	Bal-9	Black-top jar, in 2 frags.	Ballas, qt. 43	50.-
✓ 6-5440	Bal-26	Jar w/ groups of wavy red lines, slumped from overfiring.	" " 130	150.-
TOTAL NUMBER PCS.			TOTAL:	

Sen - el Ballas  
Ballas  
(Bend of Nilo)

10/13/67

131 A

131 11



Bal-1

6-4812

grave - 3  
no 14

Bottom of red  
slipped jar

Late Gerzean?

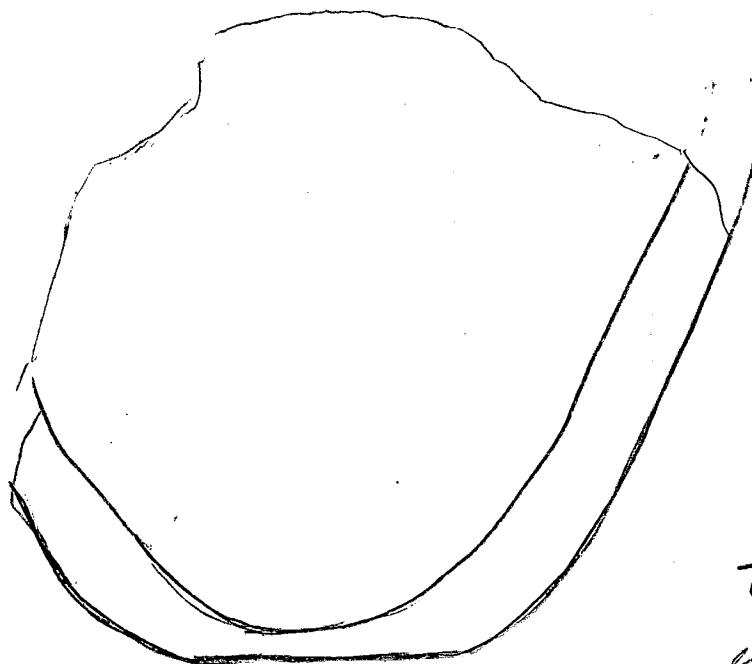
Plum red slipped ware

Tall jars.

Dair - el - Ballas

10/12/67

131B

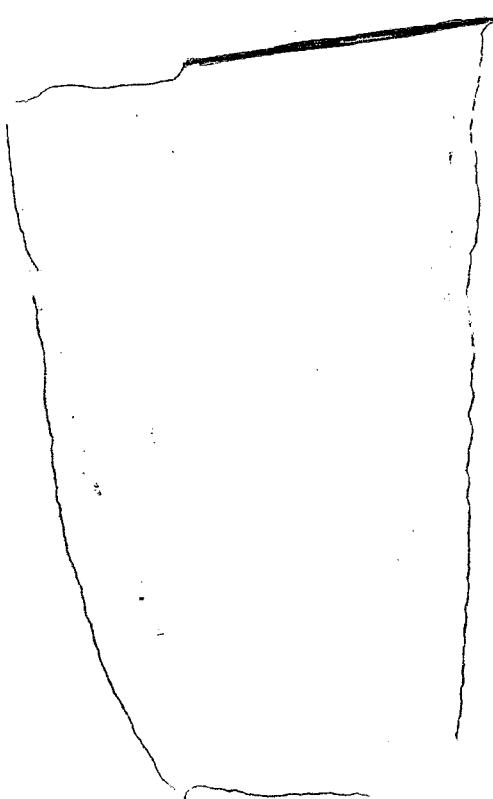


Bal-2  
6-4837  
grave 13  
Base of a black-  
top jar  
Beyean

Dair-al-Ballas

10/12/67

131C



Bal-3 ✓

6-4854

grave 19  
number 3

Rim sherd of  
black-top. ware

Geyean

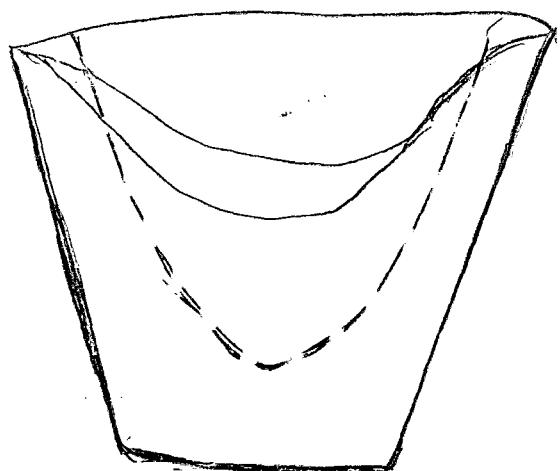
description problem

Dain-el-Ballas

10/12/67

Gryean - Black - top~~ped~~ ware

131 D



Bal-4

6-4860

groove - 20  
number - 1

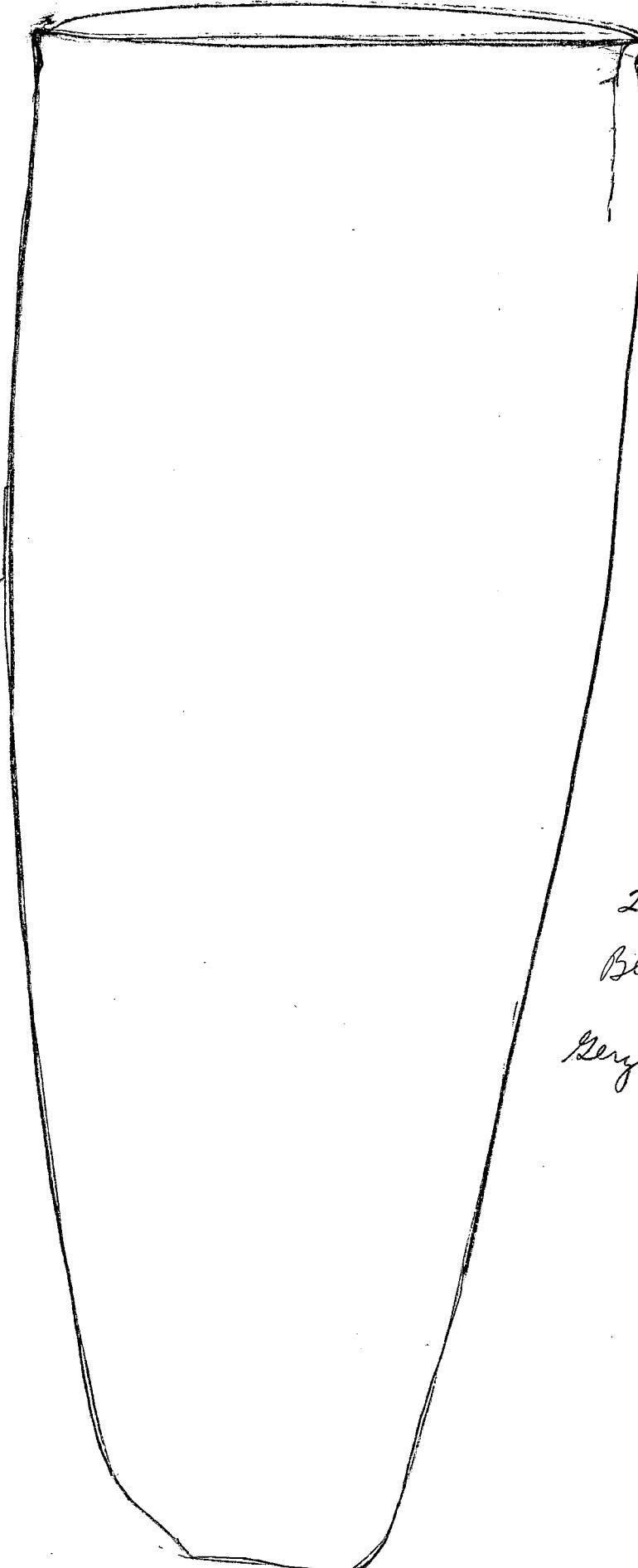
Bottom of a red  
slipped jar.

Gryean

description problem

Deir-el-Ballas

131 E



Bal - 5

6-4861

grave - 20

number - 2

24.5 cm tall

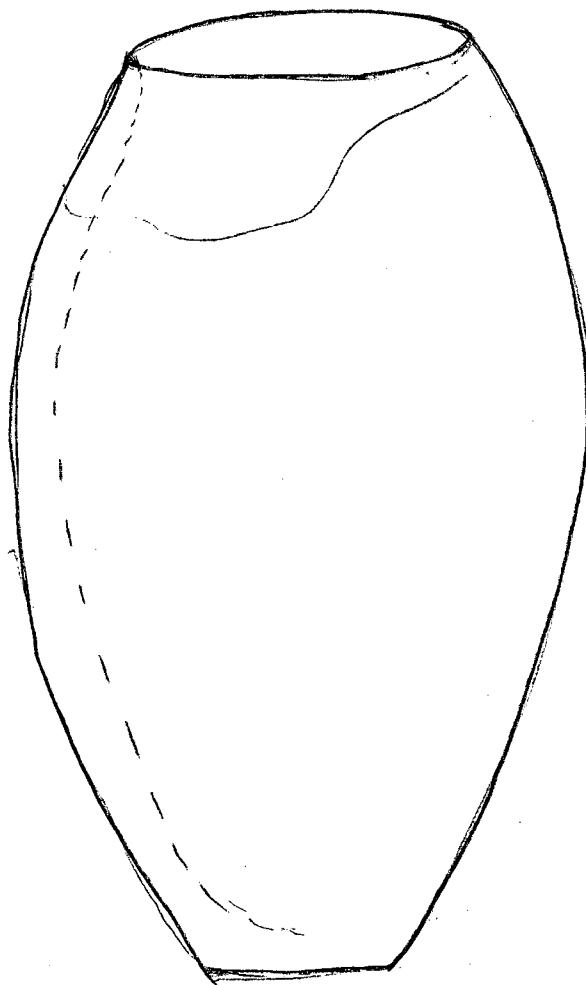
Black top jar

Beryan

Dair-el-Ballas

10/12/67

131F



Bal - 6

6 - 4890

grave - 27

number - 3

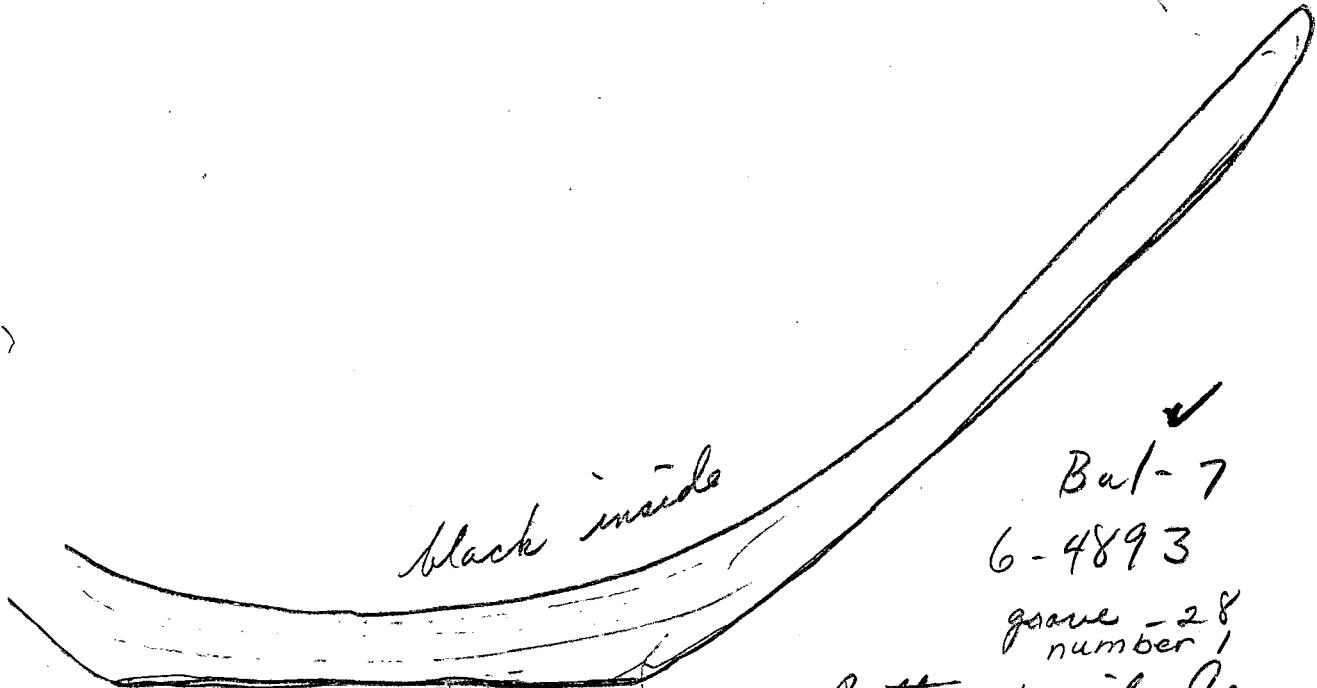
Early Gegean?

Black-top ware jar

Seir - et. Ballas

10/12/67

131G



Bal-7

6-4893

grave - 28  
number 1

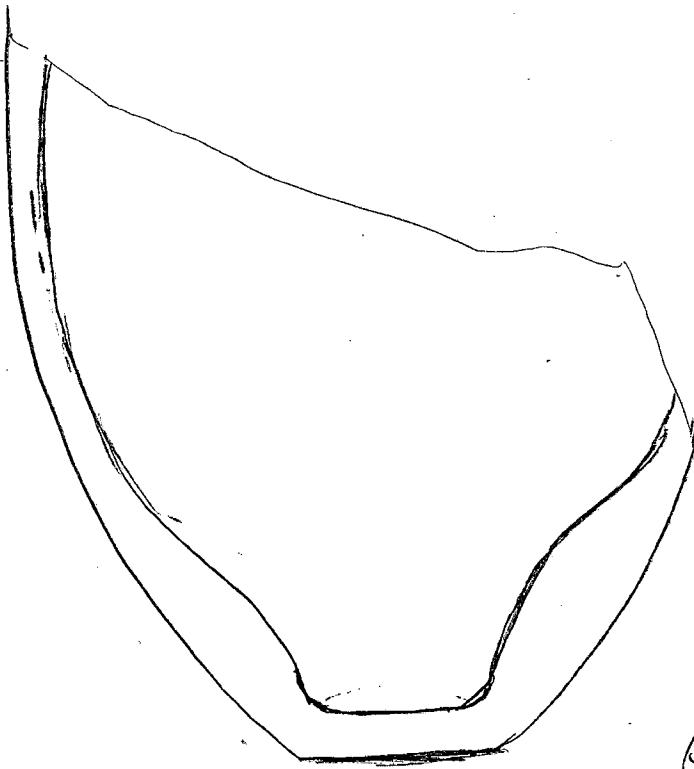
Bottom & side of  
black-top bowl.  
open bowl.

description problem

Deir - el - Ballas

10/12/67

131 H



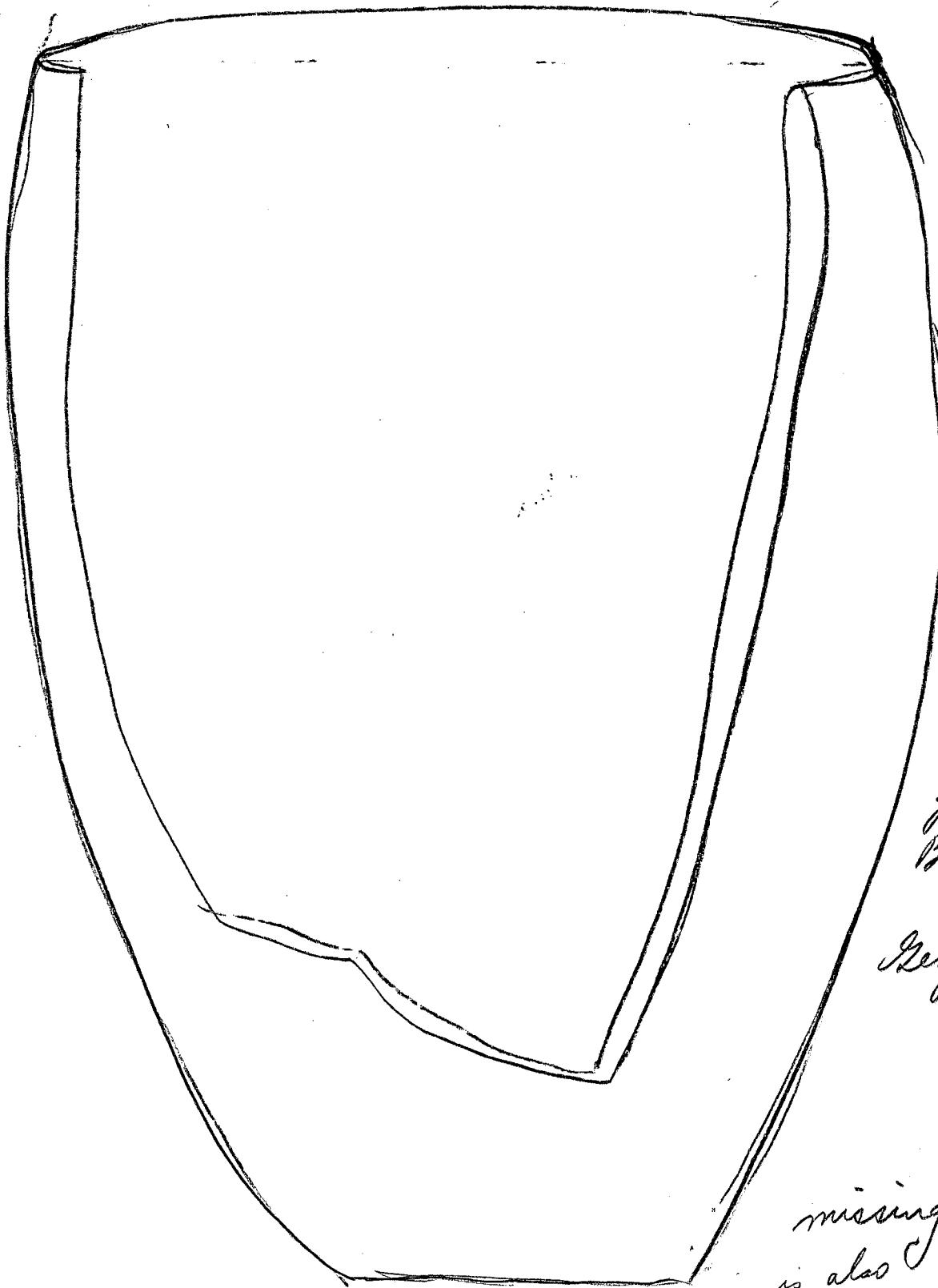
Bal - 8  
6 - 4908  
grave - 33  
number - 1

Bottom shard of a  
red slipped jar  
Gegean

Deir-el-Ballas

10/12/67

1315



Bal-9  
6-4936  
grave-43, 1(?)  
number  
Black-top jar

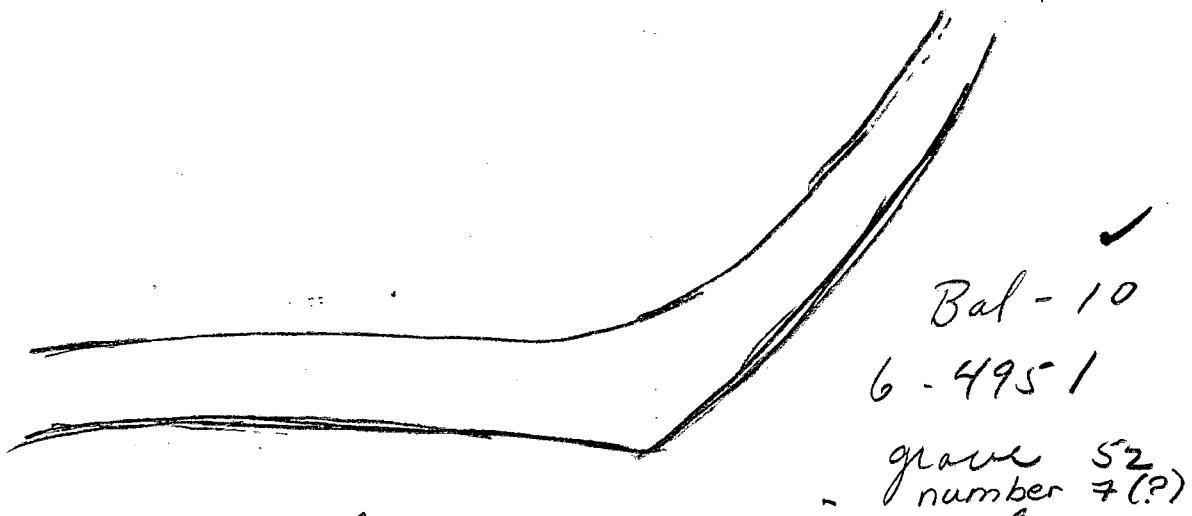
Gezear

missing piece  
is also 6-4936

Dair-el-Ballas

131 K

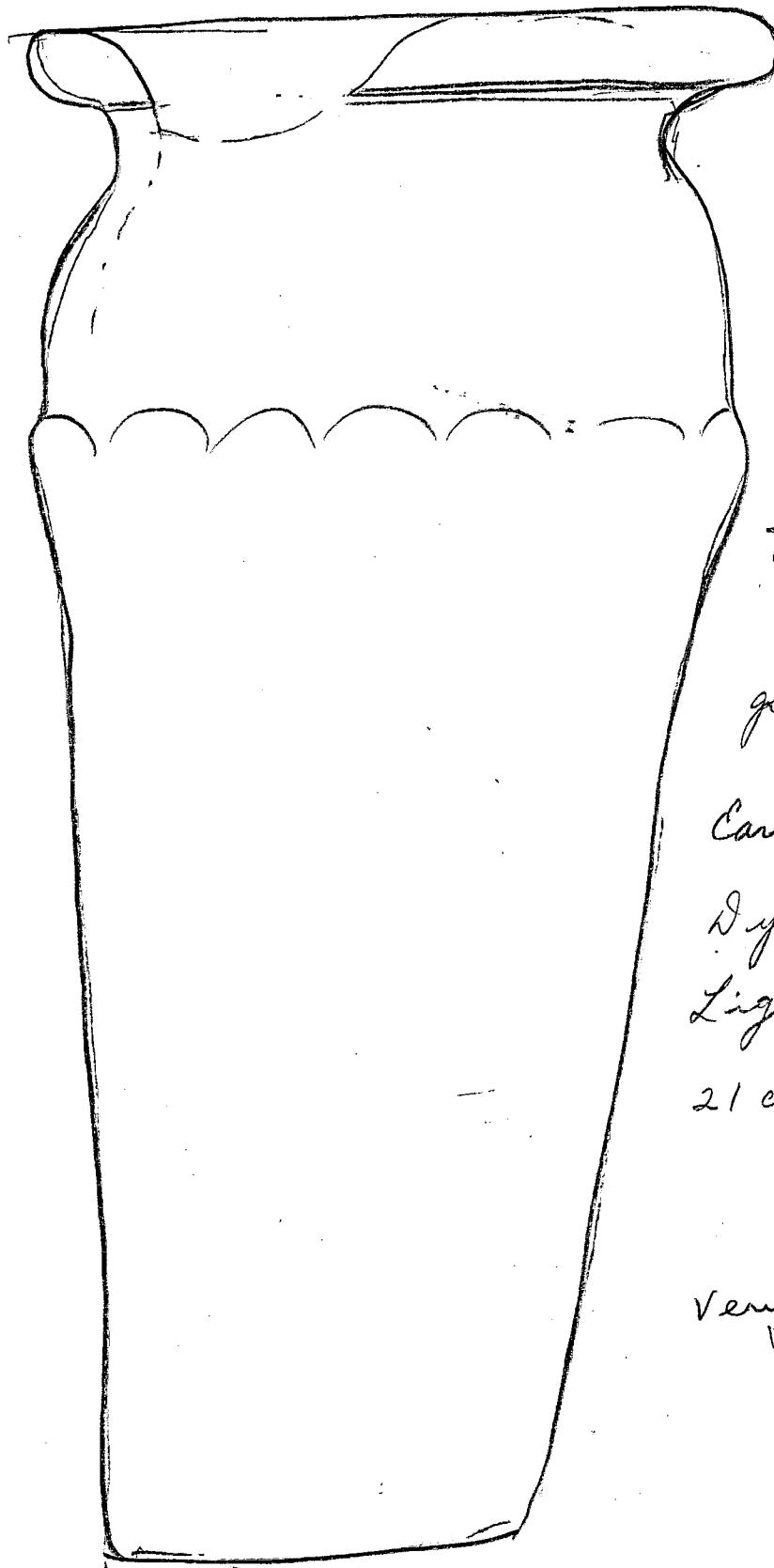
Date - no information - date on basis of  
associated vessels.



Bottom sherd - large coarse jar, chaff-  
tempered ware

Deir-el-Ballas

10/12/67



BDA

Bab - II  
6 - 4971

Tall derived  
Wavy handled jar  
grave - 62

Early dynastic/Proto -  
Dynastic.  
Light ware  
21 cm tall

Very bad

No drawing of jar in Reisner's notes

Den - el - Ballas

10/12/67

131M



Bal-12

6-4999

grave - 66  
number 5

Wavy handled jar  
with red crossing  
line design

Proto-Dyn (I-II)/Late  
Kenyan

Dark on light painted  
ware. Tall "wavy  
handled jar".

29cm tall

(not to scale)

Dair-el-Ballas

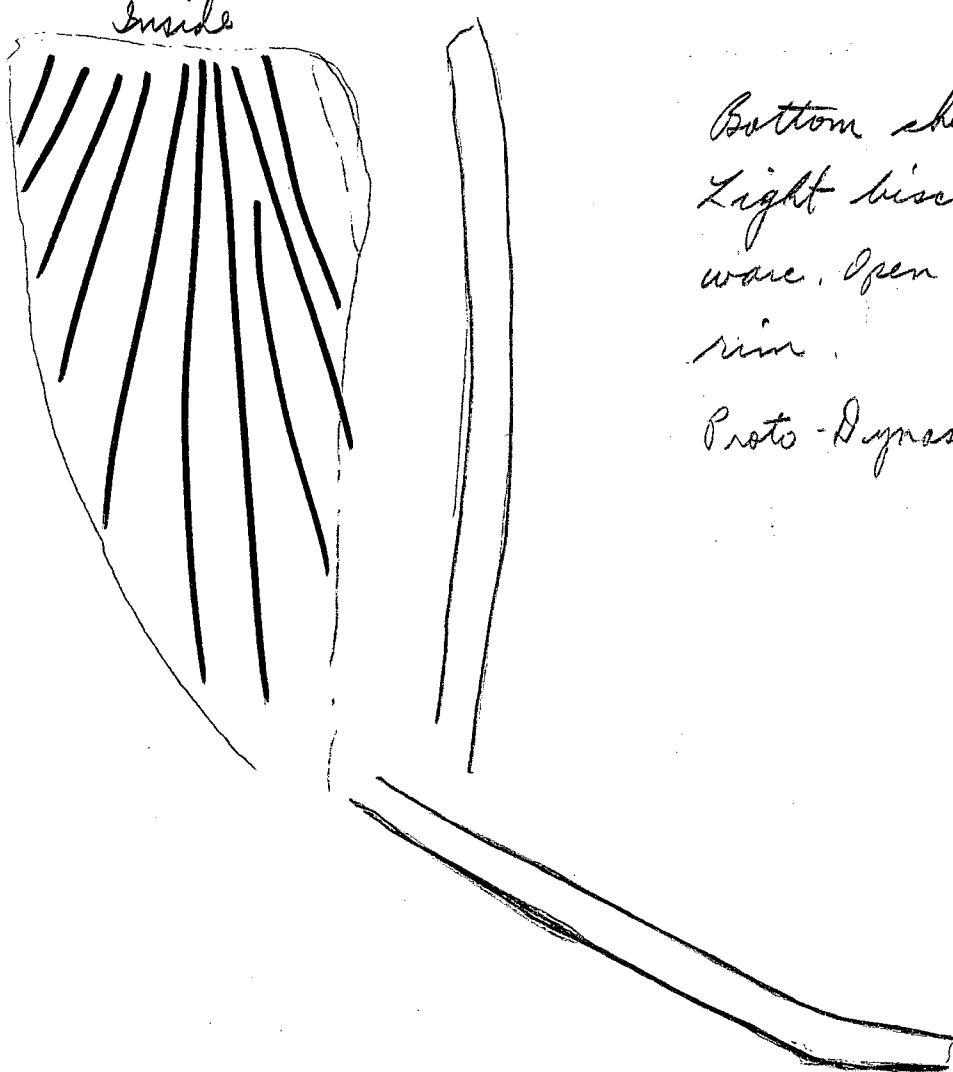
10/12/67

13<sup>3</sup>-A

Bal-13

6-5031

Grave 70  
number 6



Bottom sherd of a flaring bowl  
Light biscuit-pattern burnished  
ware. Open bowl with inturned  
rim.

Proto-Dynastic (I-II) / Late Geran

Sari-el-Ballas

10/12/67

+ BAL

132 B

clay plug

Bal - 14

6-5054

grave - 73

number 3

2 fragments of  
wavy handle jar  
31 cm tall

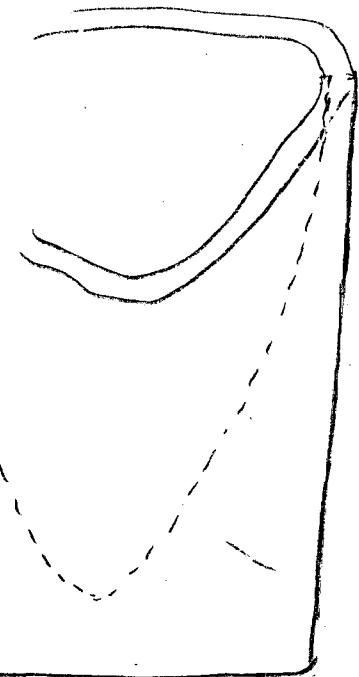
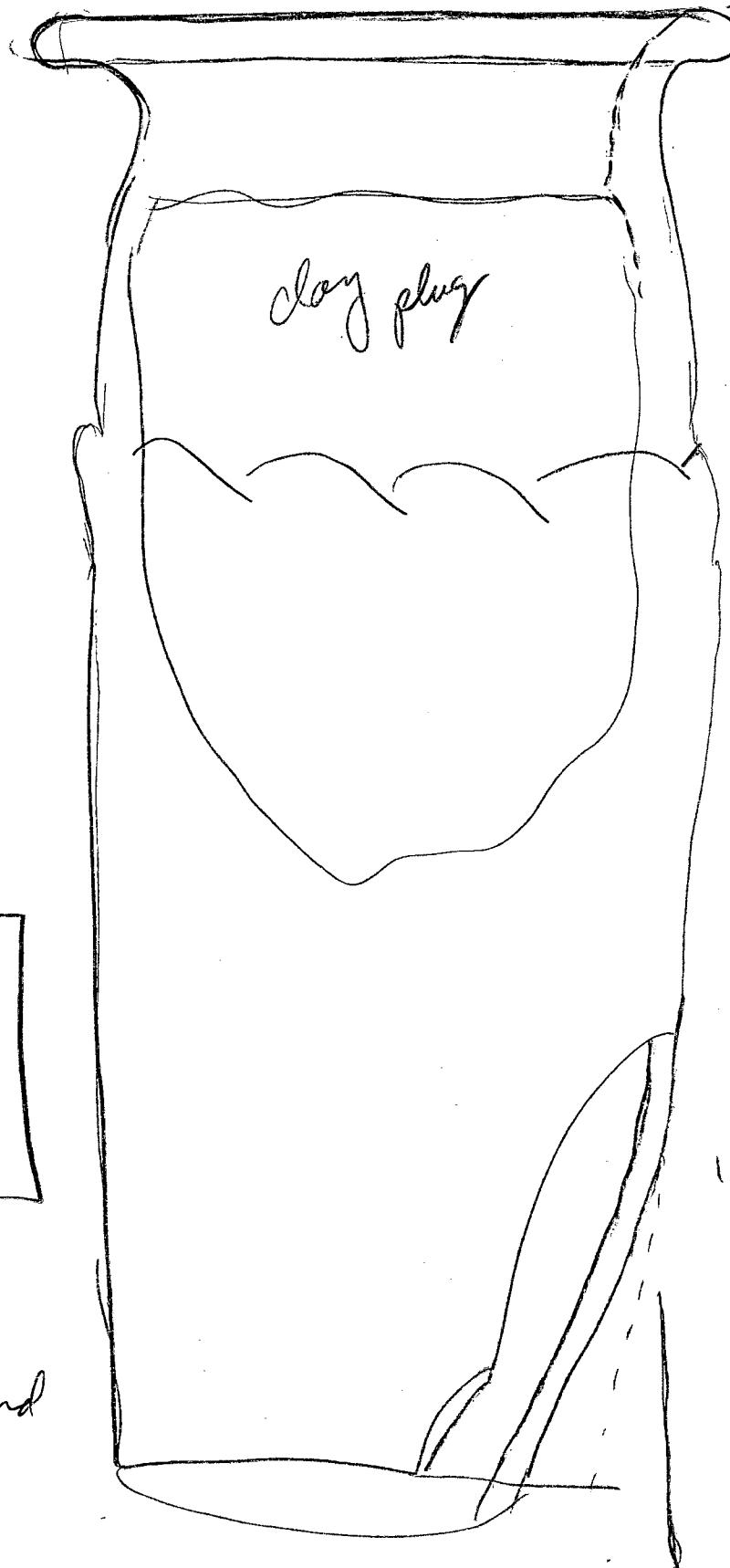
clay plug with  
fiber content.

Proto-Dynastic (I-II)  
Late Gerzean

BAL 39

drilling from  
clay plug

very hard



Den-el-Ballas

10/12/67

~~4395~~

132-C

Bal-15-

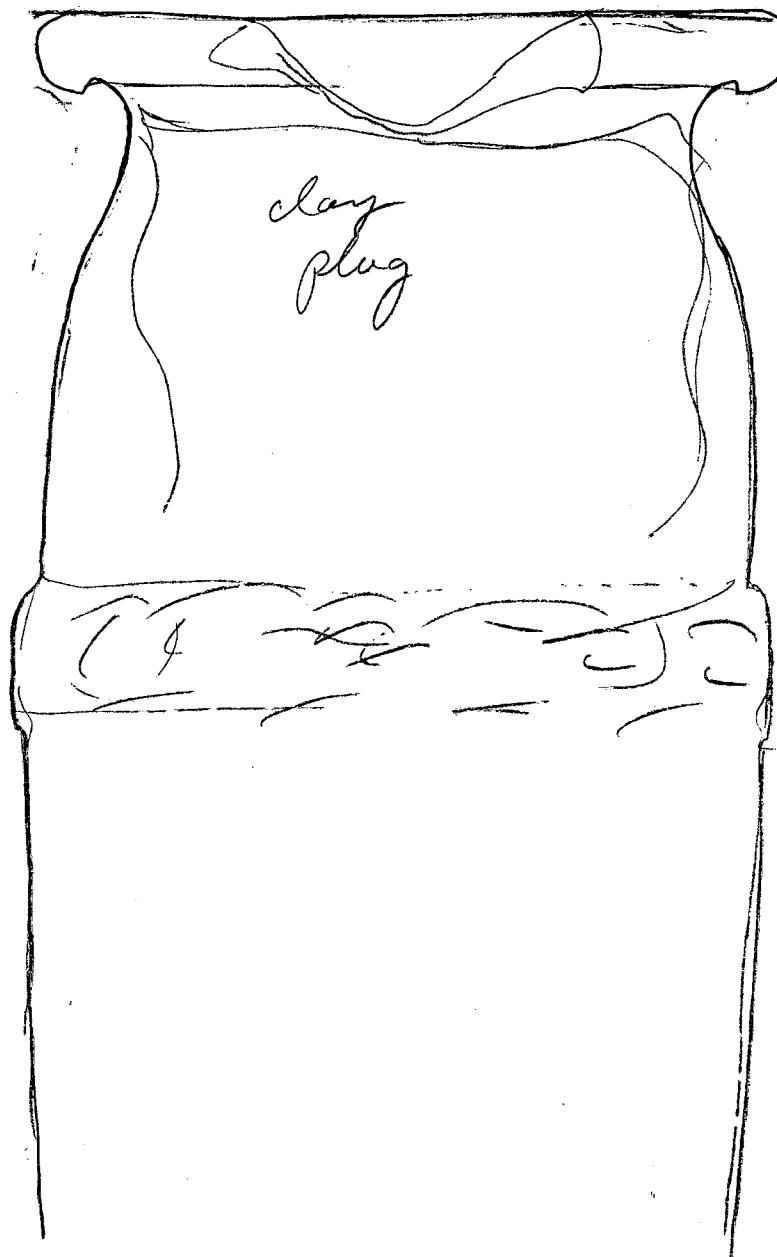
6-5055

grave -73  
number - 5

Light ware

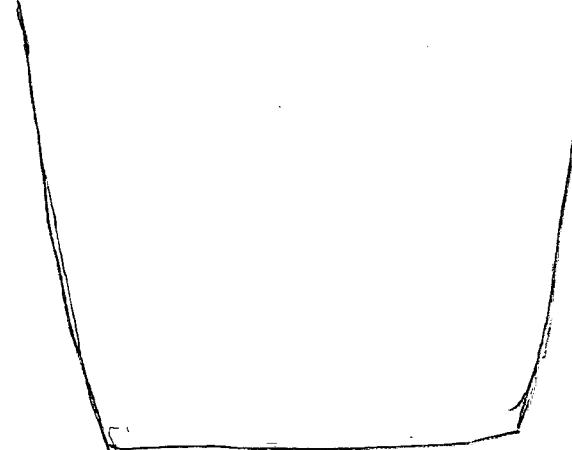
Tall "wavy handle"  
jar with clay  
plug.

Proto-Dynastic (I-II) //  
Late Gerzean



To scale  
31 cm long.

pot not broken here.



Very hard

Sample of clay from plug  
Ground in mortar

BAL 38

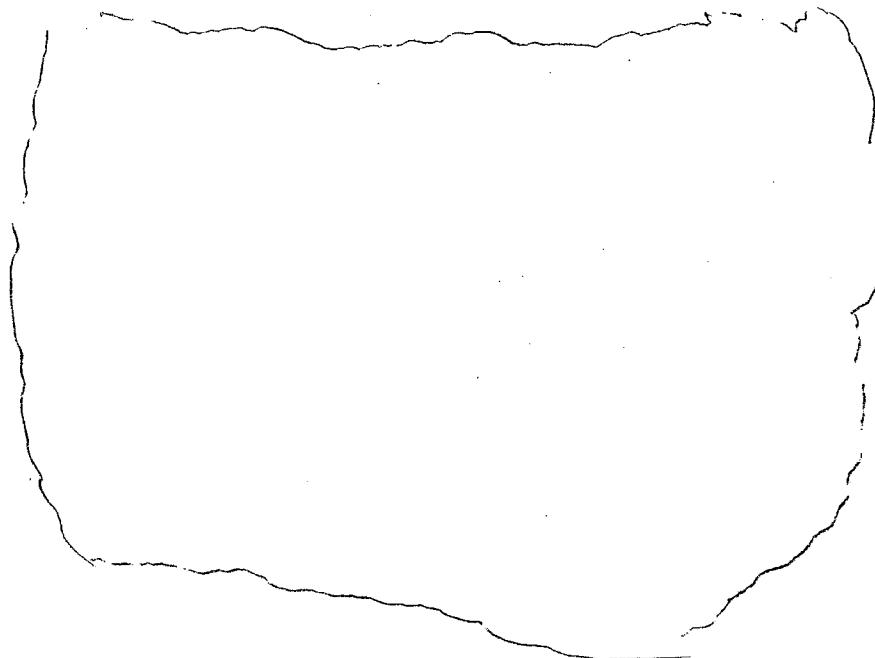
Dear-el-Ballas

10/12/67

Date - no information - date on basis  
of associated vessels.

Coarse, chaff-tempered ware.

132-D



✓  
Bal - 16

(?)

6 - 5059

grave - 73  
number 14 (?)  
Wall sherd of

large coarse  
jar

very rough inside + out

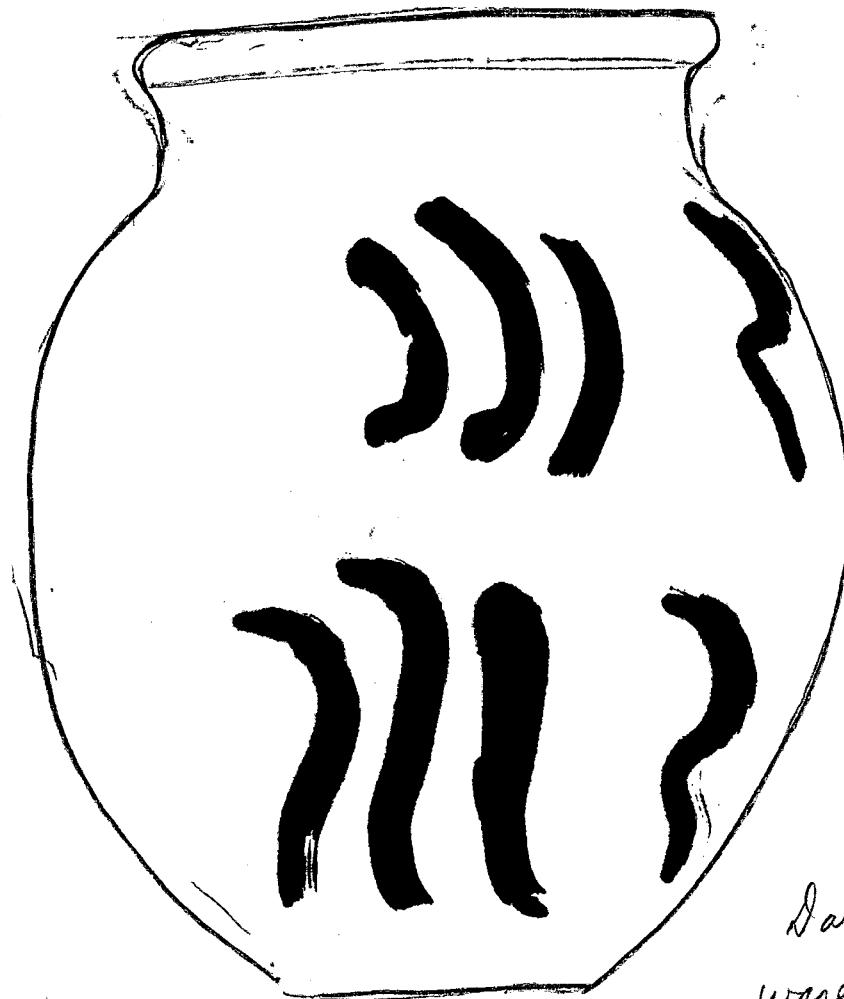


- description problem

Deir-el-Ballas

10/12/67

132 E



Bal - 17

6 - 5072

grave - 74

no number

Globular jar  
with red slip  
designs

Proto-Dynastic (I-II)

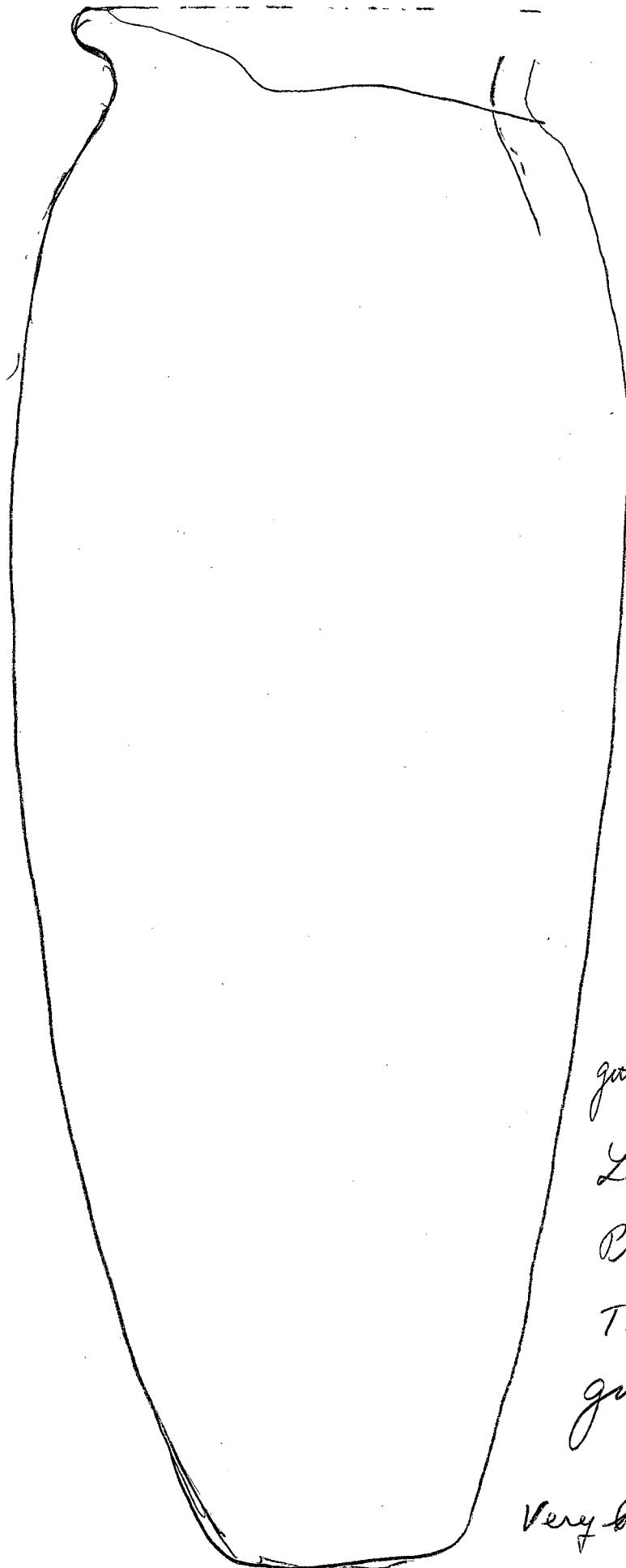
/ Late Bezean

Dark on light painted  
ware jars.

Very hard

Dair-el-Ballas

10/12/67



132-F

Bal-18  
6-5086  
grave - 75  
number 7

25 cm tall

~~gum + lac inside~~

Late Gezean?

Plum/red slipped ware

Tall jars

gum contents

Very hard for redware

Der-el-Ballas

10/12/67

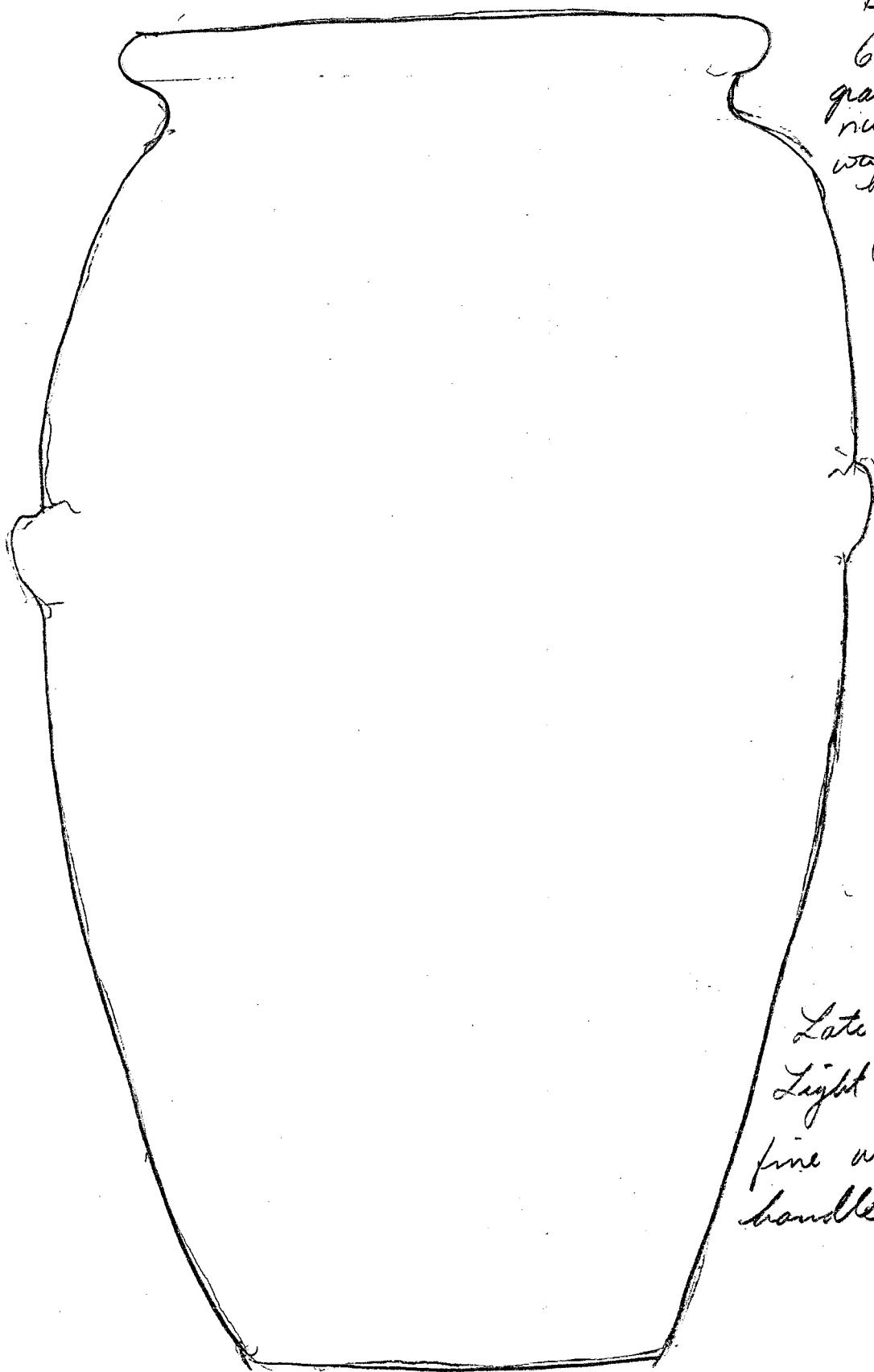
13 3-B

Bal-19

6-5214

grave - 93  
number 1

wavy  
handled jar,  
plain



Late Sargan  
Light (Buff) ware  
fine wavy  
handled jar.

Sen - el - Ballas

10/12/67

133-C

Bal-20

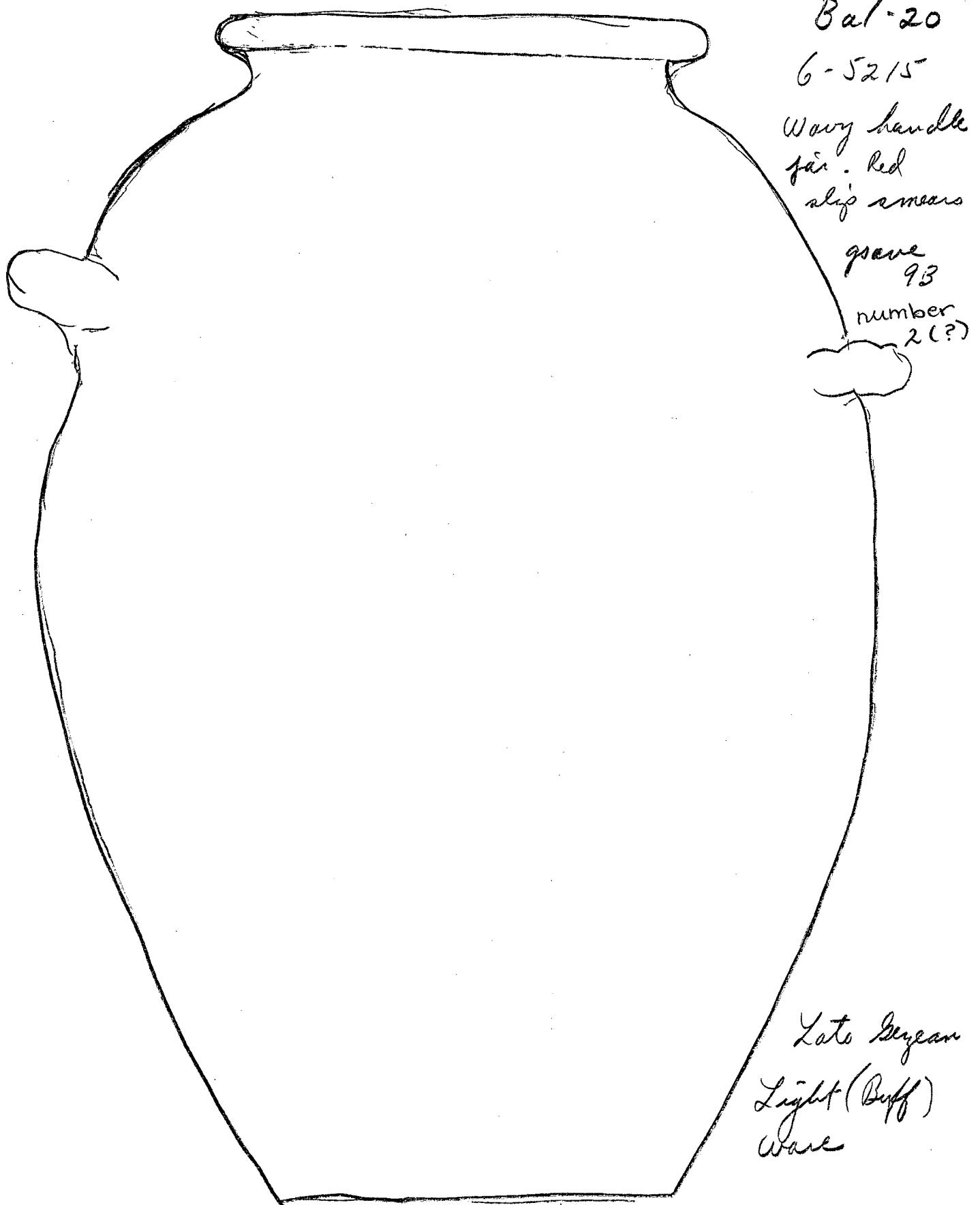
6-5215

Wavy handle  
fin. Red  
slip smears

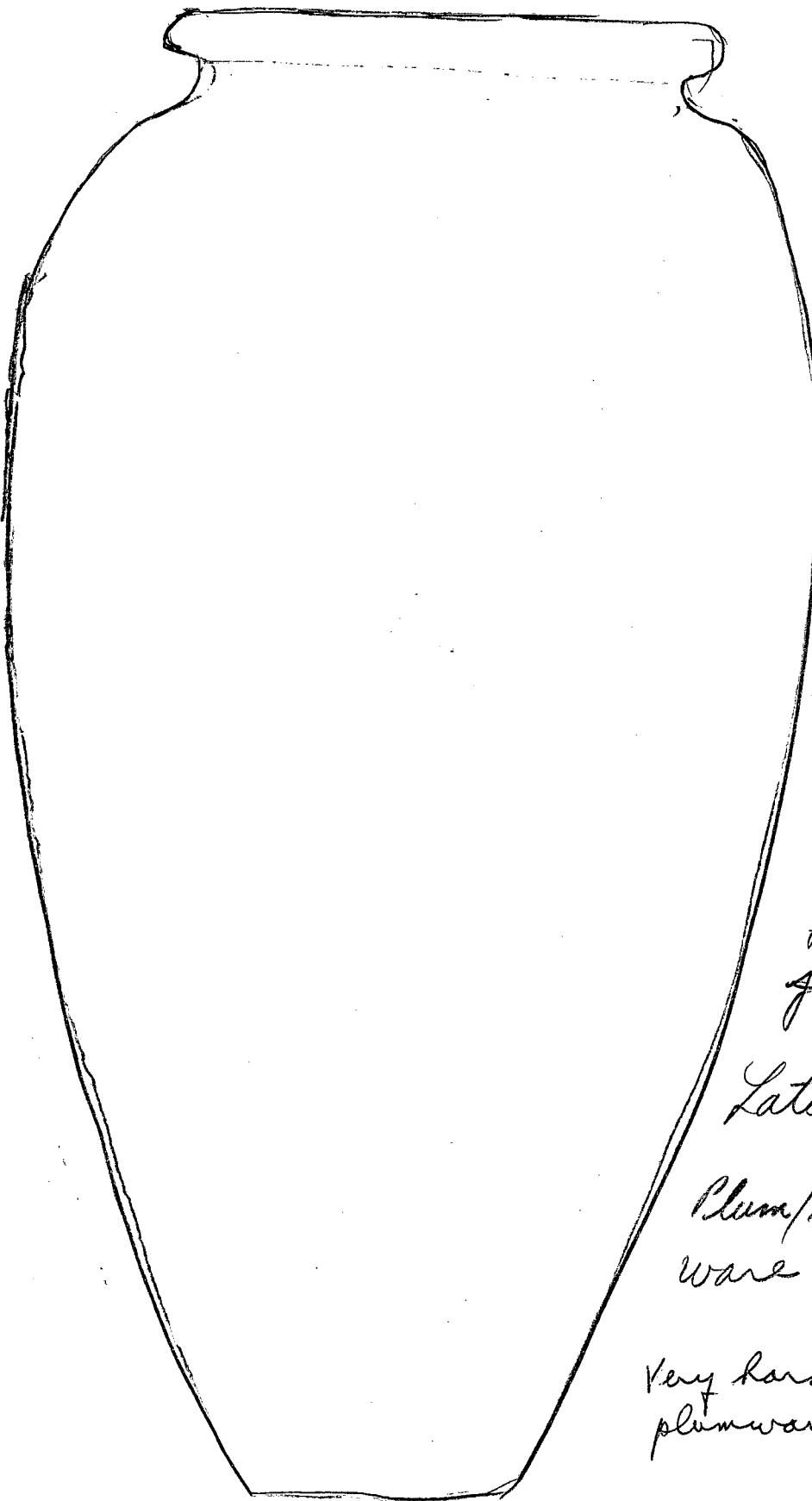
wave  
93

number  
2(?)

Late Beyean  
Light (Buff)  
Ware



Den-el-Ballas



132-6

Bal-21

6-5248

grave 100

~~red slipped  
jar~~

Late Gezer?

Clay/red slipped  
ware. Tall jars.

Very hard & pink for  
plumware.

Deir-el-Ballas

10/12/67



13<sup>3</sup>-D

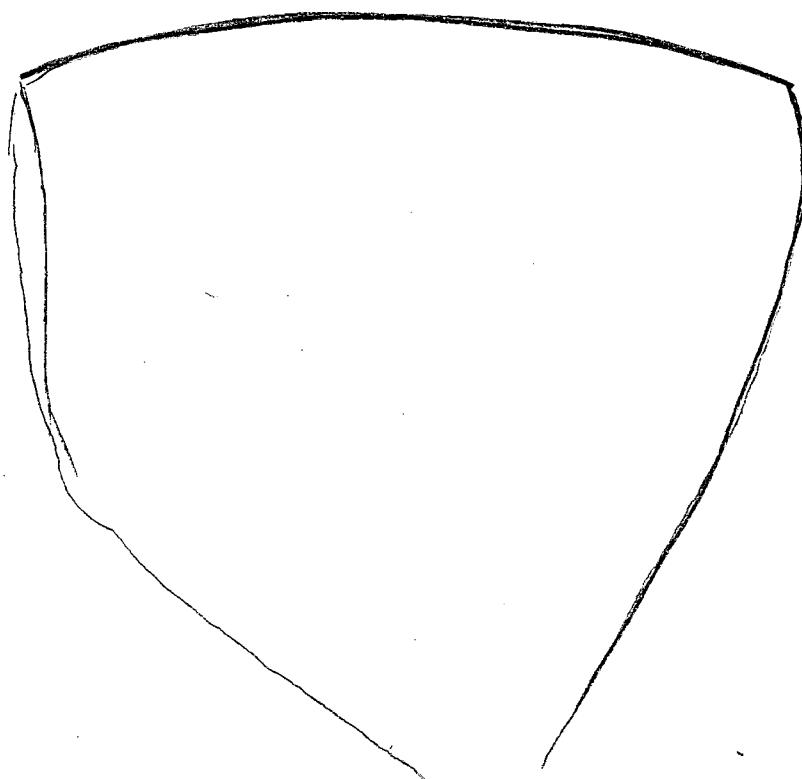
Bal-22

6-5261

grave - 102 number 1  
Rim fragment of plain  
bowl

Proto-dynastic (I-II) ?

Light biscuit monochrome  
ware. Open bowl with  
inturned rim.



tentatively number 1

Der-el-Ballas

10/12/67

Late Hycean  
Light (Buff) ware  
fine wavy-handled jars.

133-E

Bal-23

6-5291

grave 106

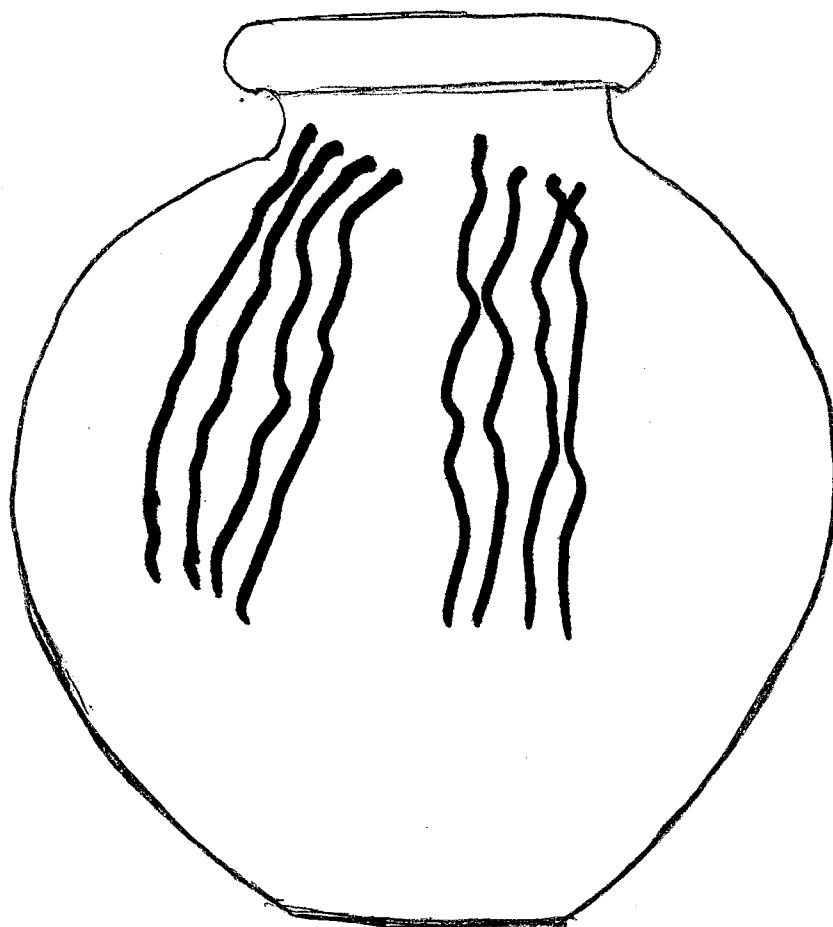
Wall fragment of  
wavy handled jar.

Hard!

Den - el - Ballas

10/12/67

132 H



Bal-24

G-5310

grave 108

number 2

Globular jar with red wavy lines  
Proto-Dynastic (I-II) / Late Gerzean. Dark on light  
painted ware.

Icir - al - Ballas

10/12/67



133-F

Bal-25

6-5396

grave 123

Wall fragment of  
jar with red stripes

Date? early

dark on light painted  
ware

Form? early, no  
information

Very hard

Ism-el-Ballas

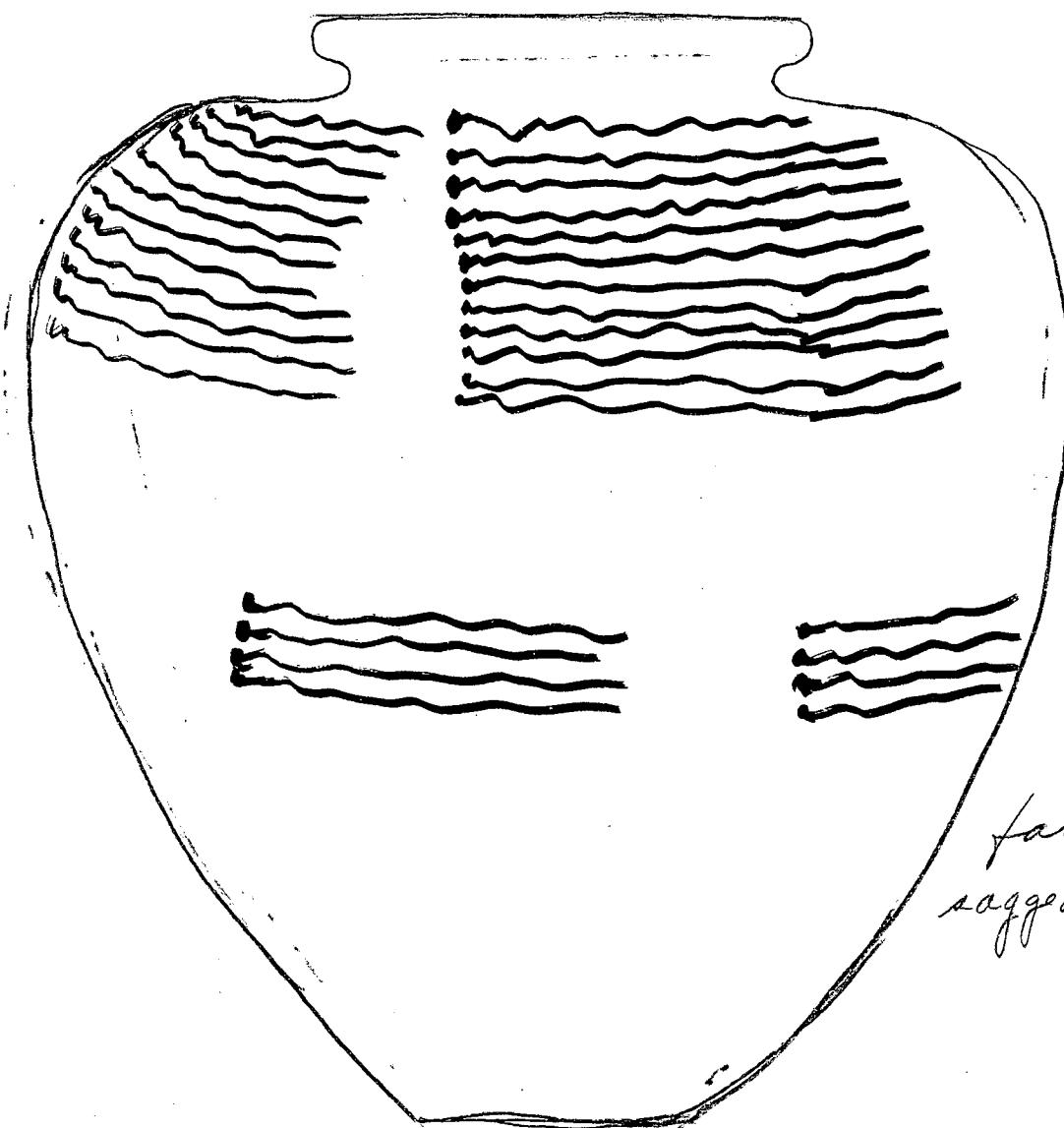
10/12/67

13<sup>3</sup>-6  
✓

Bal-26

6-5440

grave-130



factory reject  
sagged & blowholes,

Proto-Dynastic (I-II) / Late Gerzean. Dark on light  
painted ware jar.

Den-el-Ballas

10/12/67

132-5

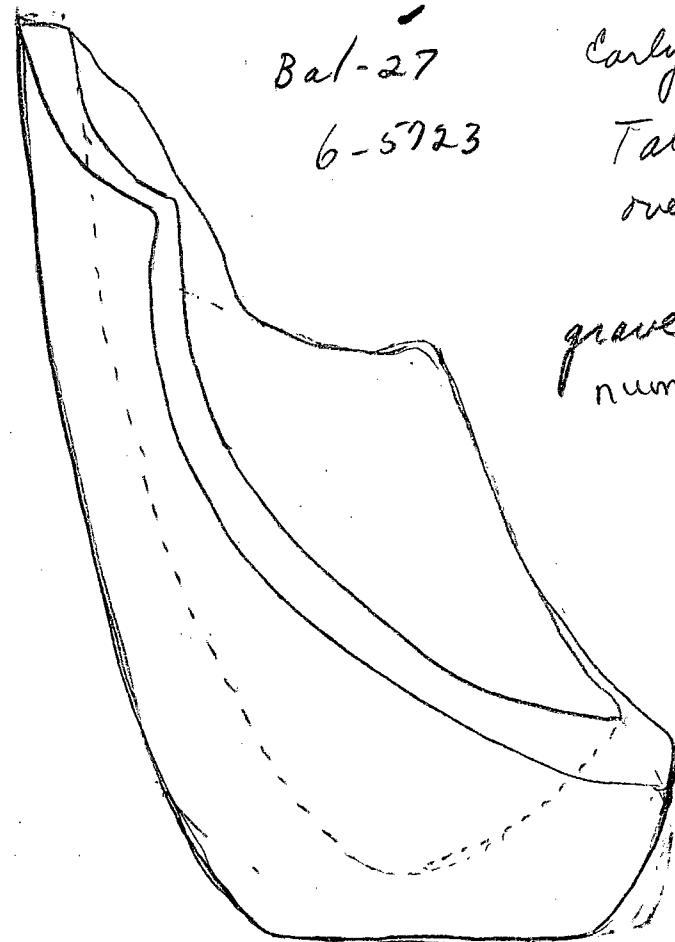
Base of a plain jar  
Drab ware.

Bal-27

Early Dynastic (?)

6-5723

Tall jar with rolled  
over rim.



grave 201  
number 3

Deir-el-Ballas

10/12/67

137-N

Bal-28

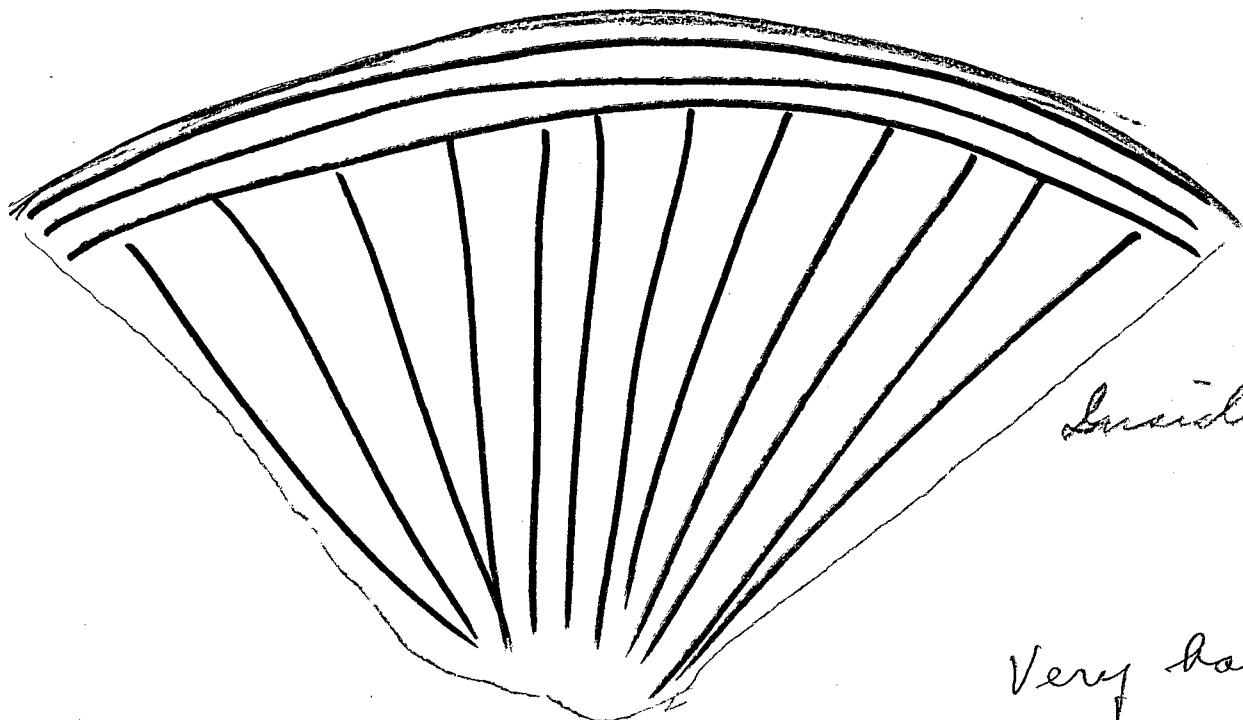
6-5728

grave 202  
number 3

Rim fragment  
polished plain bowl.

Light biscuit-pattern  
burnished ware. Open  
bowl with inturned rim.

Proto-dynastic (I-II)/  
Late Gerzian



Very dark!

Den-el-Ballas

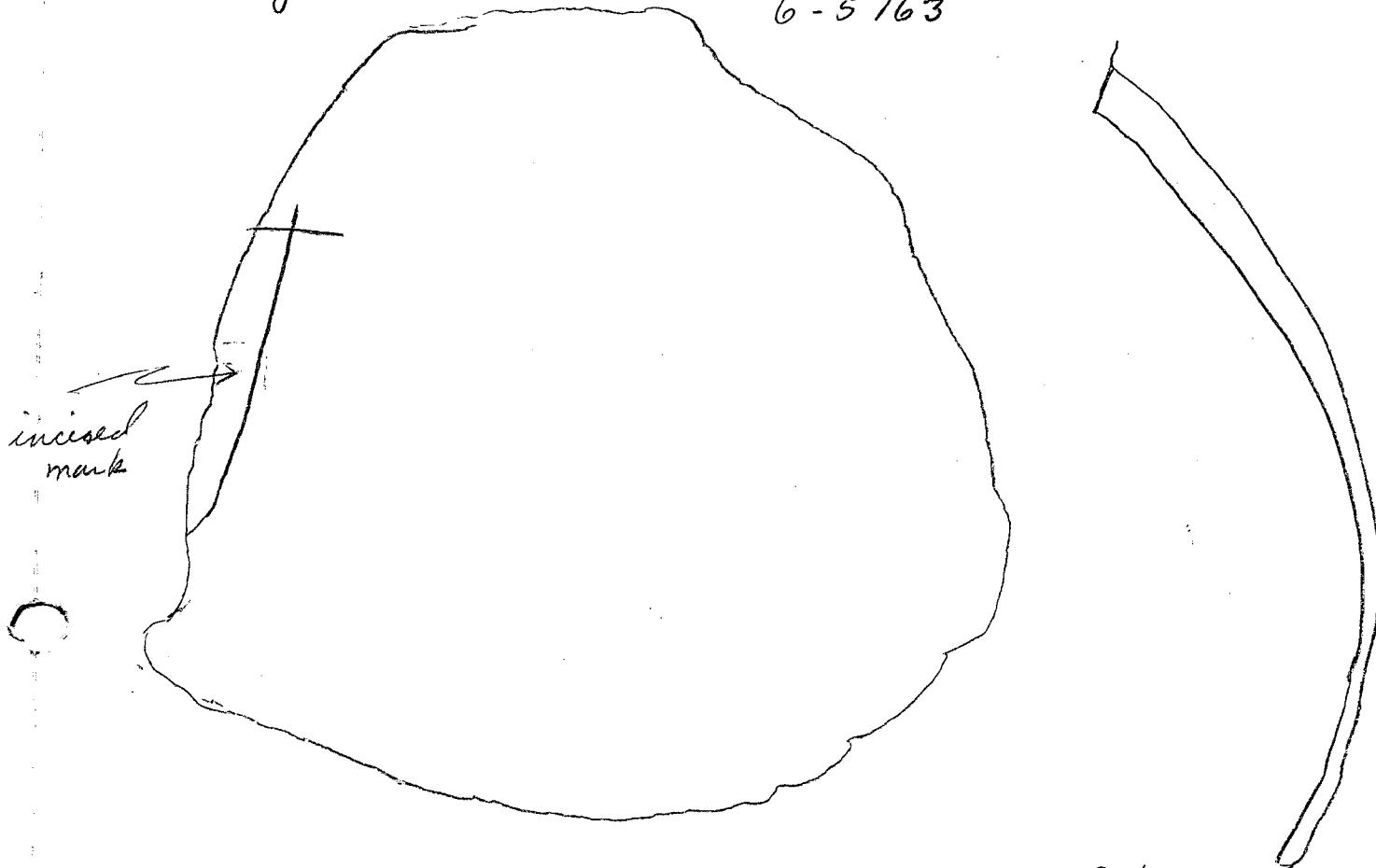
10/12/67

132-K

grave - 213

Bal - 29

6 - 5763



Drab ware, large shouldered jar with  
rolled over rim.

Proto-Dynastic (Dyn. I-II) / Early Dynastic

Iein - el - Ballas

10/12/67

132 - M

Bal - 30

6 - 5771

grave - 216  
number 4

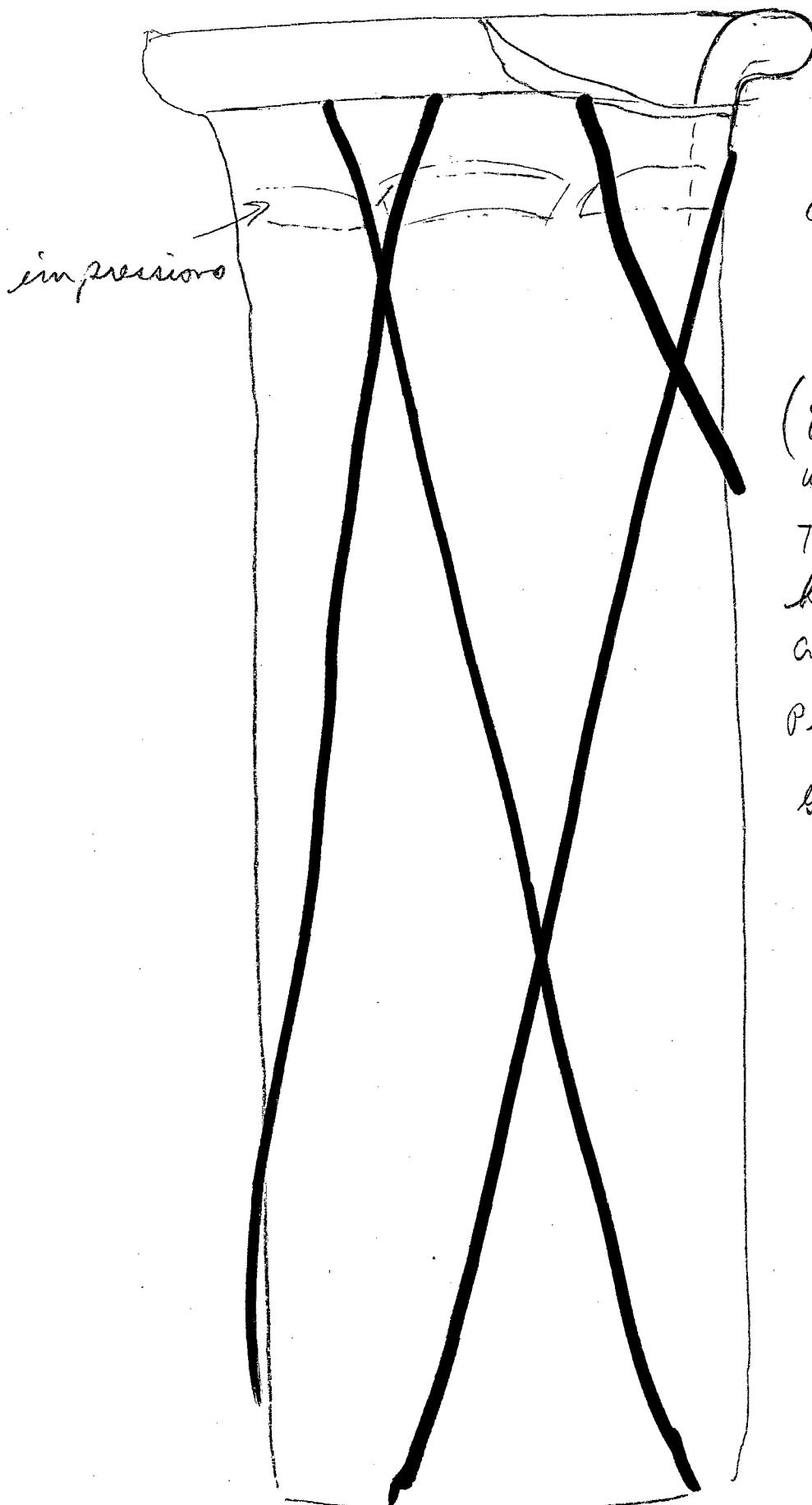
Dark on dark

(yellow-green) painted  
ware

Tall derived "wavy  
handled" jar.  
Crossing red lines.

Proto-Dyn (I-II)/Late  
Georgian

24 cm tall



D sin - el - Ballas

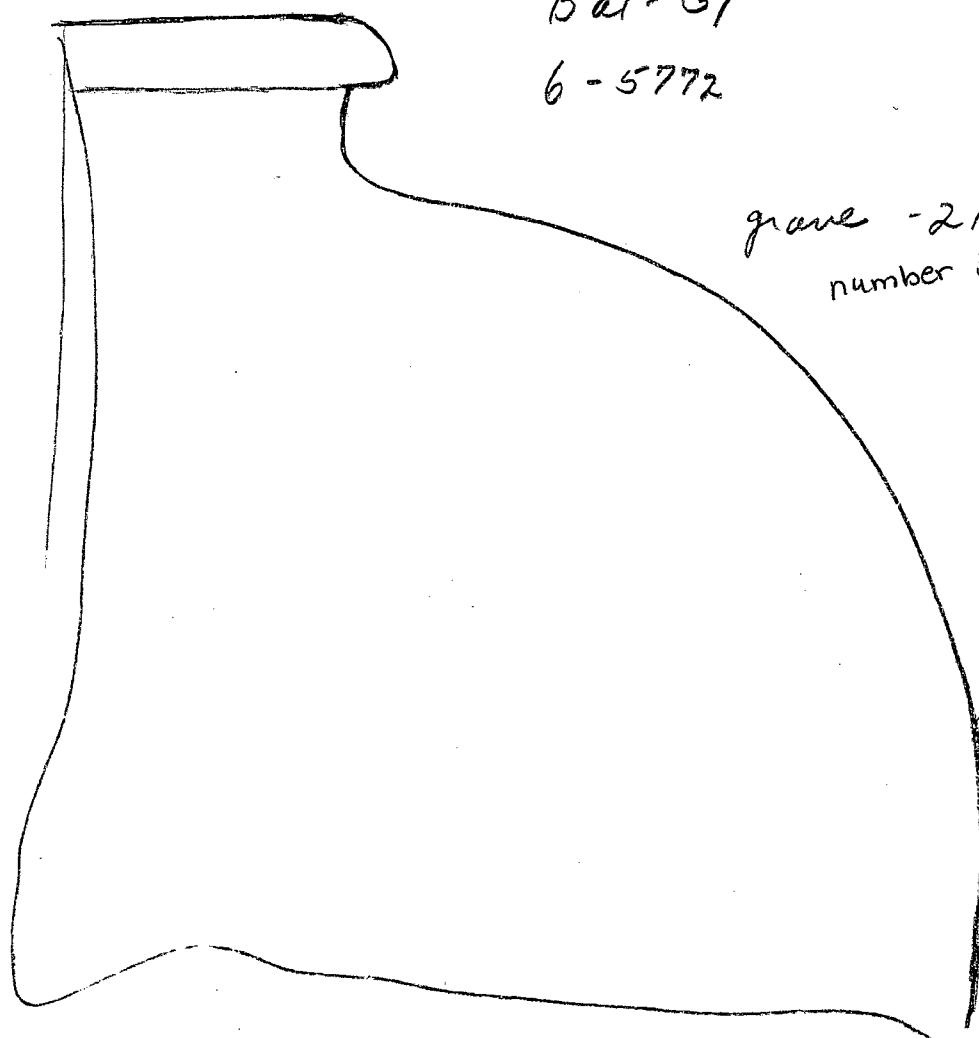
10/12/67

132 - N

Bal - 31

6 - 5772

grave - 216  
number 5



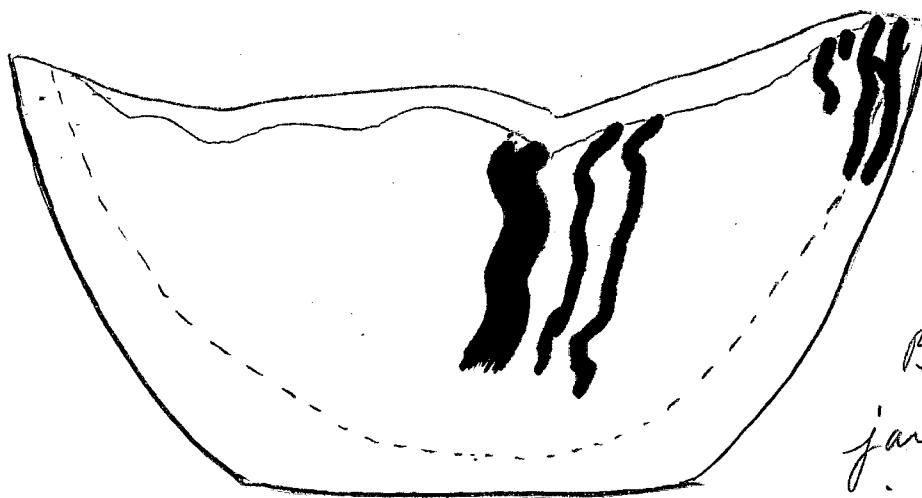
Isab ware. Large shouldered jar with rolled over rim.

Hardest pot ever!

Dair-el-Ballas

10/12/67

137-P



Bal - 32 ✓

6-5792

grave - 220

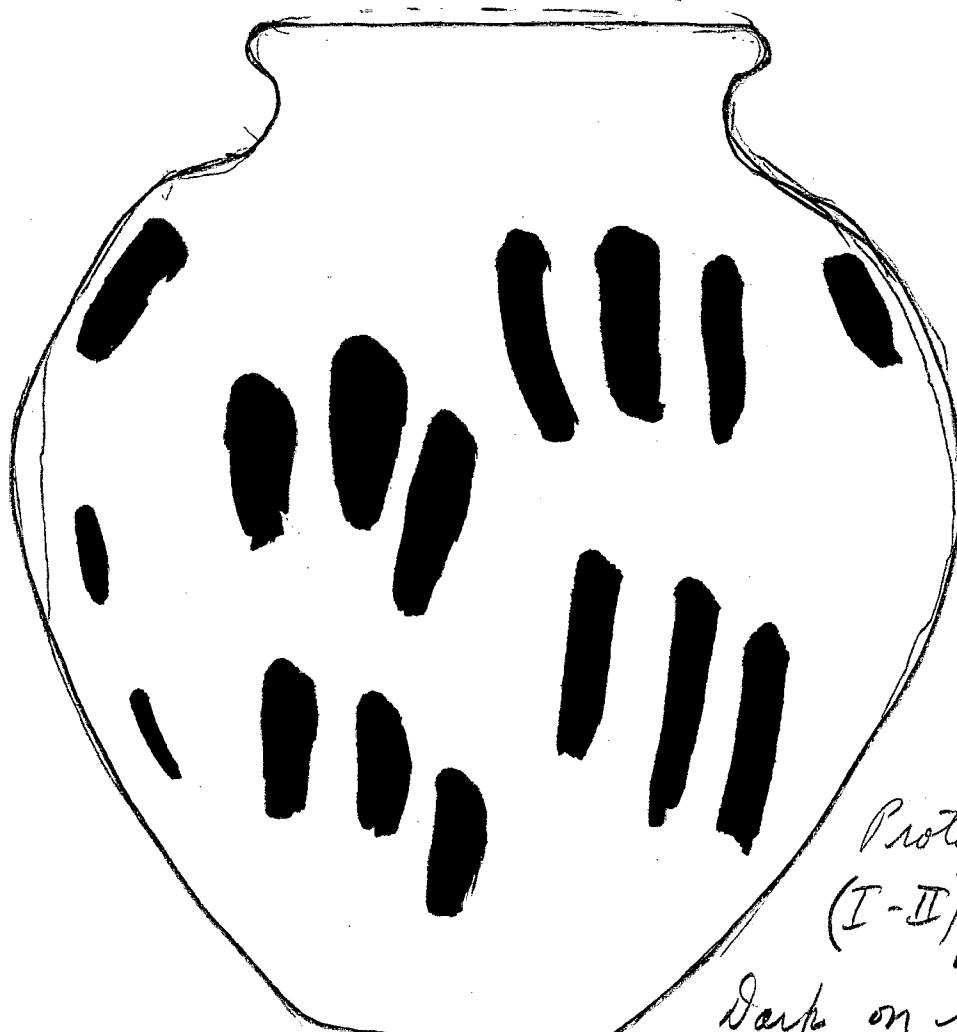
Base fragment of  
jar with slips  
painted

Dark on light painted ware  
Proto-Dynastic (I-II) / Late Gerger

Den. et. Ballas

10/12/67

137-Q



Bal-33

6-5795

grave 221  
number 3

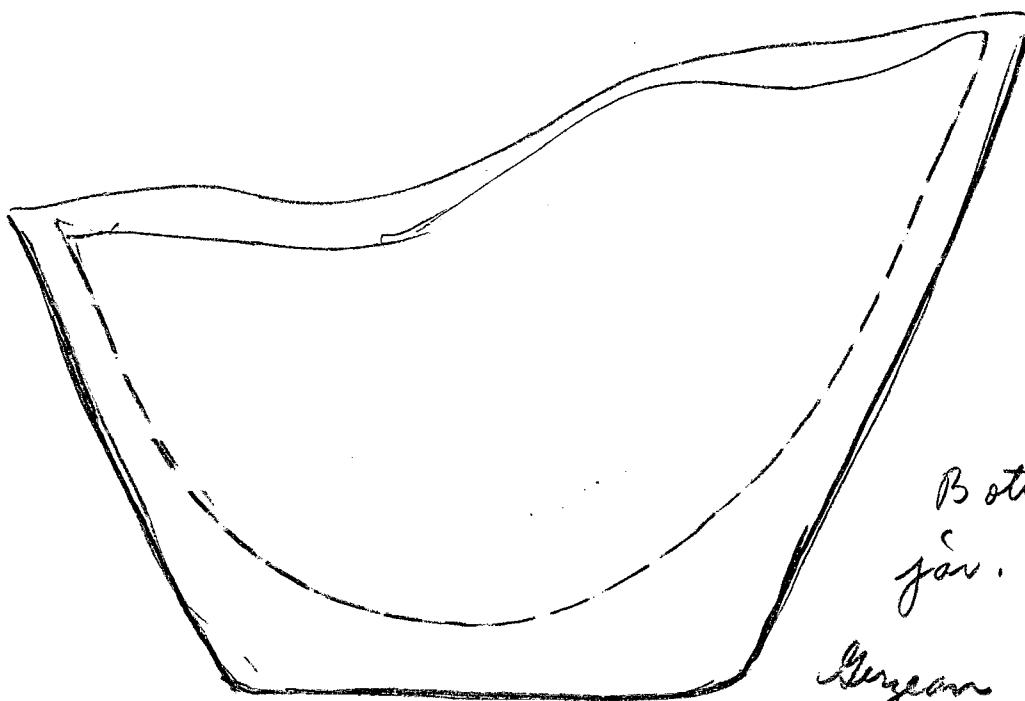
Proto-dynastic  
(I-II) / Late Garyan  
Dark on light painted  
ware globular jar -

soft,

Deir-el-Ballas

10/12/67

138-A



Bal - 34 ✓

6-5933

grave - 301  
number - 3

Bottom of red slipped  
jar.

Greyware

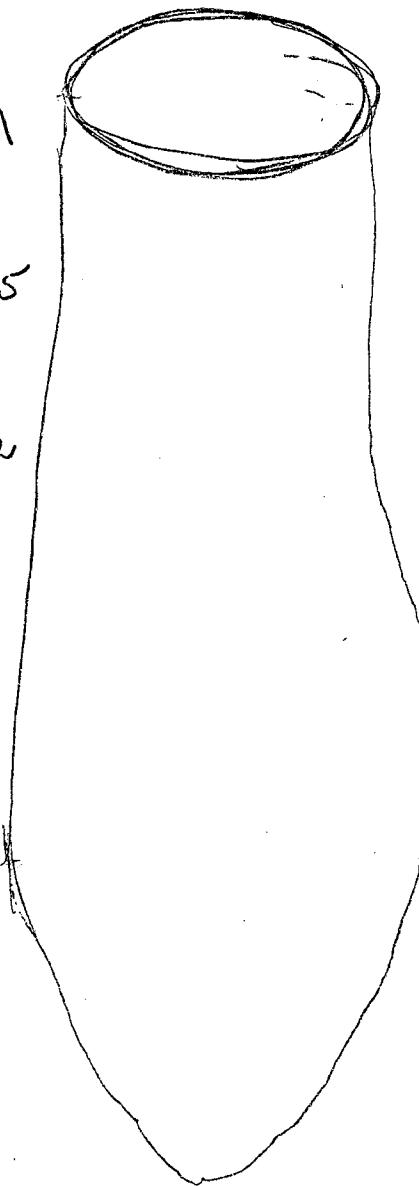
Black-topped ware jar

description problem

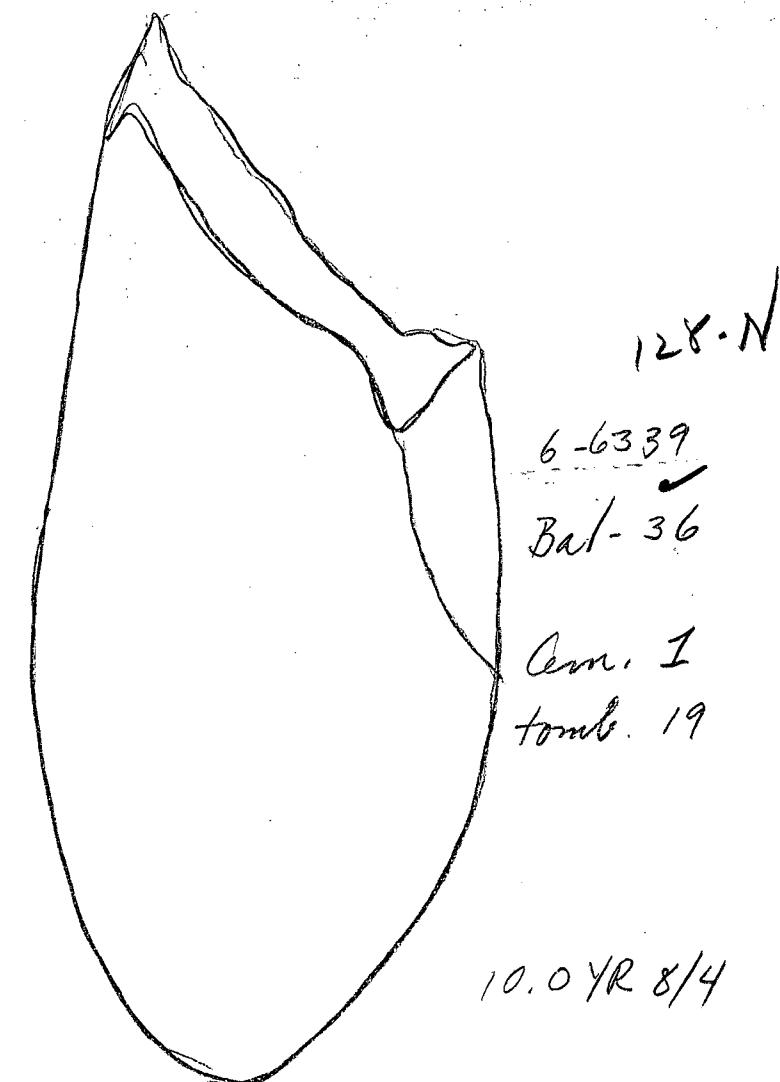
Dair-el-Ballas

10/12/67

Tear drop jars, Early Dynastic (?)  
Drab ware (yellow-green)



5.0 YR 8/4



6-6339  
Bal-36

Cem. I  
tomb. 19

10.0 YR 8/4

Bal-35

6-6232

Cem. I  
tomb. 8

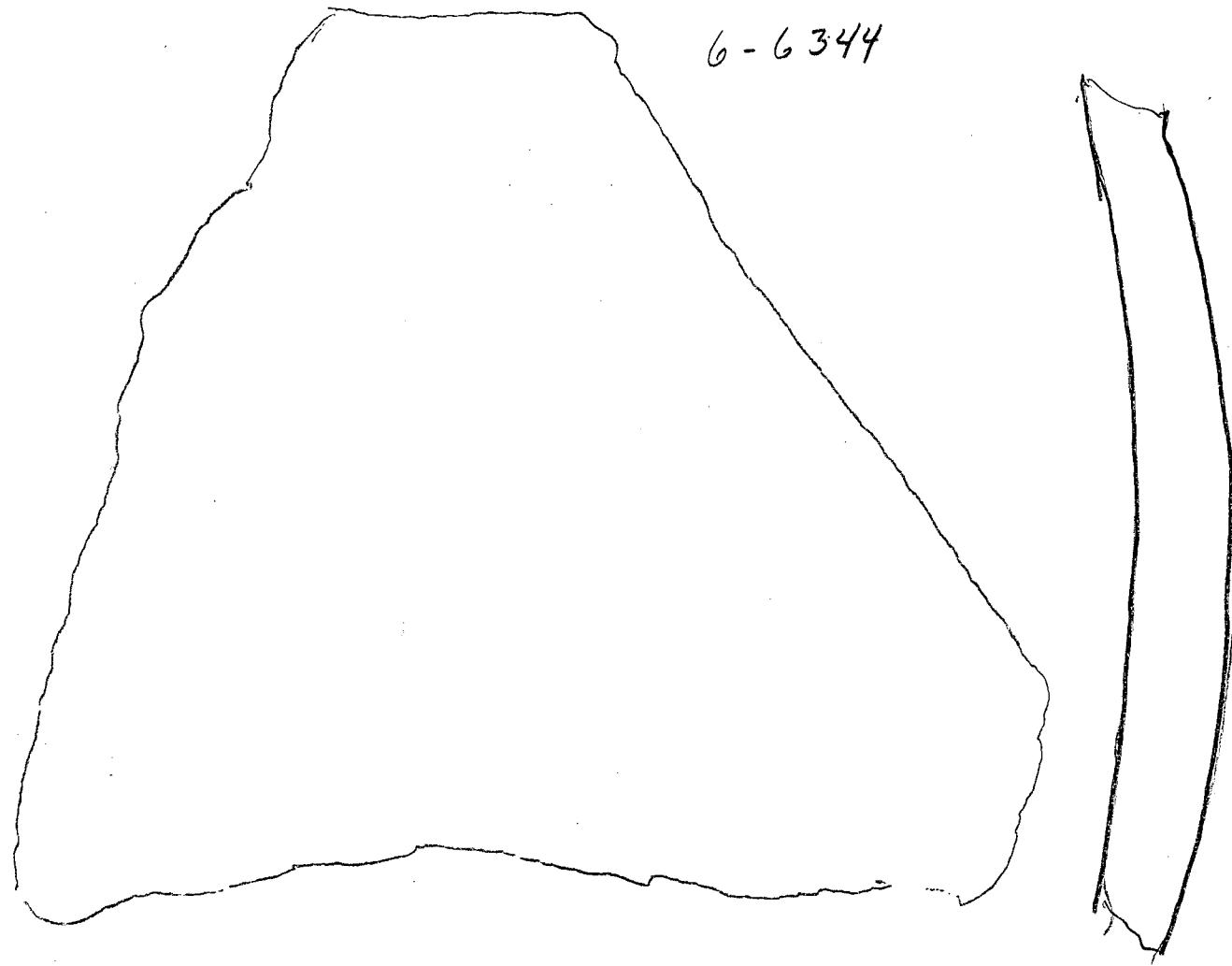
Deir - El - Ballas

10/12/67

131 N

Bal- 37

6-6344



Wall sherd of plain jar. Cm. I. tomb 19.  
Early dynastic (?) Drab ware (yellow-green)  
Large shouldered jar with rolled over rim,

10/31/67

BAL 38

See BAL 15 6-5055

Clay plug sampled.

135-O

BAL-38-CF

- 135-P

sample of clay plug - ground - fired with  
XISI clays 11/1/67 at 800°C for 30 min.  
very soft before + after firing.

10/31/67

BAL 39

see BAL-14 (6-5054)

138-B

drilling from clay plug.

Salt —  
Gum —

Dust Wave

Lean-drip jar

6232

6339

Deir-el-Ballas

Grone — + —

Early Dynastic(?)

Dark ware (yellow-green)

Lear-drip jars

6.67

5215

5291

5214

Wein-~~E~~-Ballers

Groves —

Lath Geogen

(Bnff)  
light ware

Line Wang-handled jars

5795  
5310  
5440  
5792  
5072

Deir-el-Ballas

Graves —

Ptolemaic (I-II) / Lat G eighi  
Dark on light painted ware  
jars.

5396

Deir-el-Ballas

grave —

Date? early

Dark on light painted ware  
Form: ? early, no information

5031  
5728

Deir-el-Ballas

Grave —

Rust-Dynastic (I-II) flat base  
light brown - pattern burnished ware.  
Open bowls w/ intumescions.

8

5261

Deir-el-Ballas

grave —

Rust-Dynastic (I-II)?  
Light brown monochrome ware.  
Open bowl w/ intumescions

5771

Deir-el-Ballas

Green -

Proto-Dyn. (I-II) / Late Gezira  
Dark-on-dark (yellow/green) painted  
ware  
Tall <sup>pedestal</sup> ~~may~~-handled "jar"

4999

Deir-el-Ballas

Green -

Proto-Dyn. (I-II) / Late Gezira  
Dark-on-light painted ware  
Tall "image"-handled jar

Proto-

5248

5086

4812

Din-el-Ballou

Gone —

Salt Gezen?

Plum Med shaped ware

Salt jars

4893

AB

Per-el-Ballas  
Grave —  
Goth Gergar?

"Black-tipped ware".  
Open bowl.

4936

4854

4890

4861

4860

4908

4837

5933

Deir-el-Ballas

graves --

Gergasa - 4890? said Gergasa

Black-tipped mare

yars

6059  
4981

Dein-Ef-Balla

Gravels —

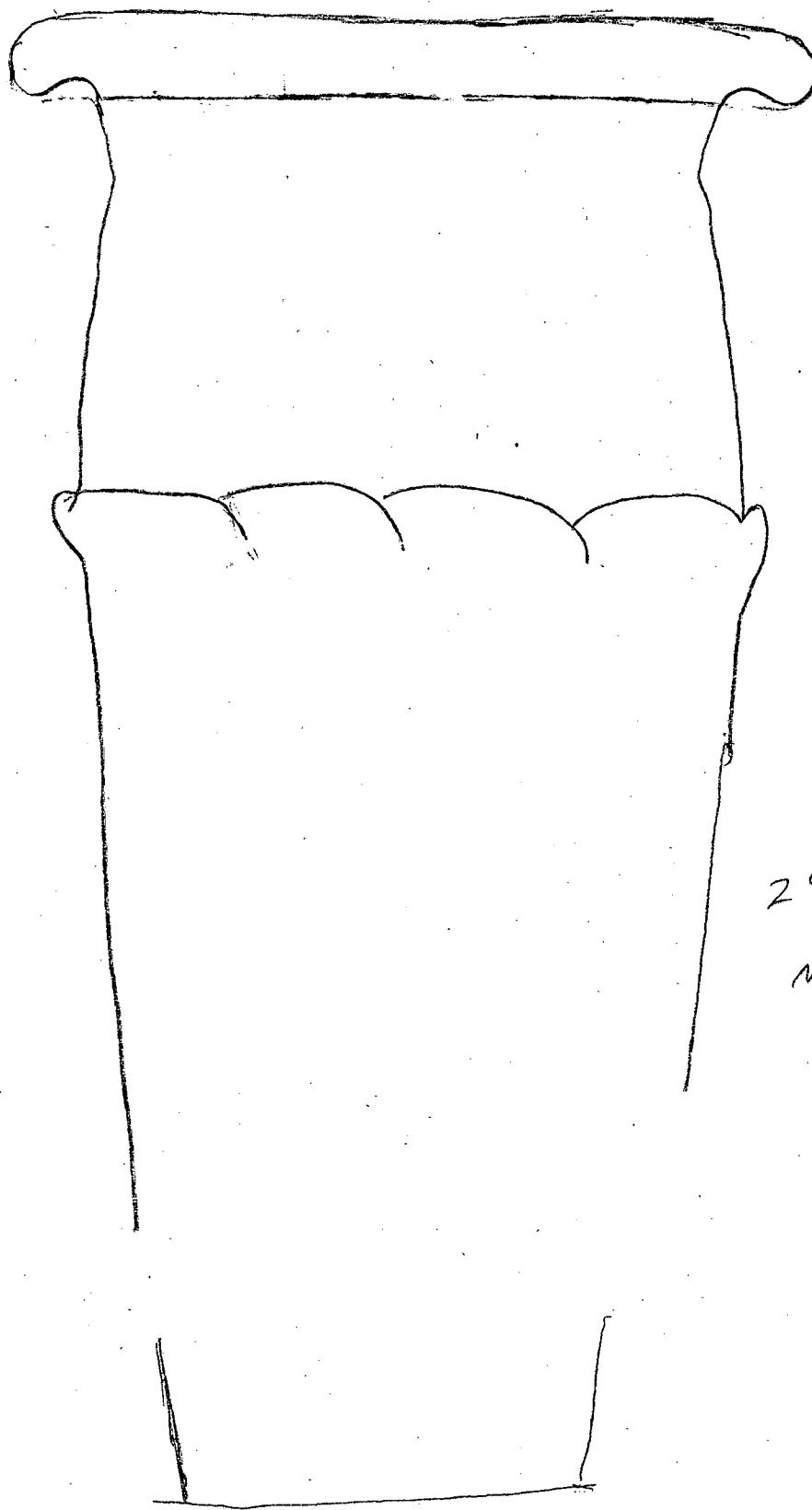
Distr - No informant - Dalton based  
associated  
vessels.

Coarse, chaff-tempered ware

---

BAL-40

211T



Ballas

6-5053

B73

29cm tall  
wavy handle for

6-5068

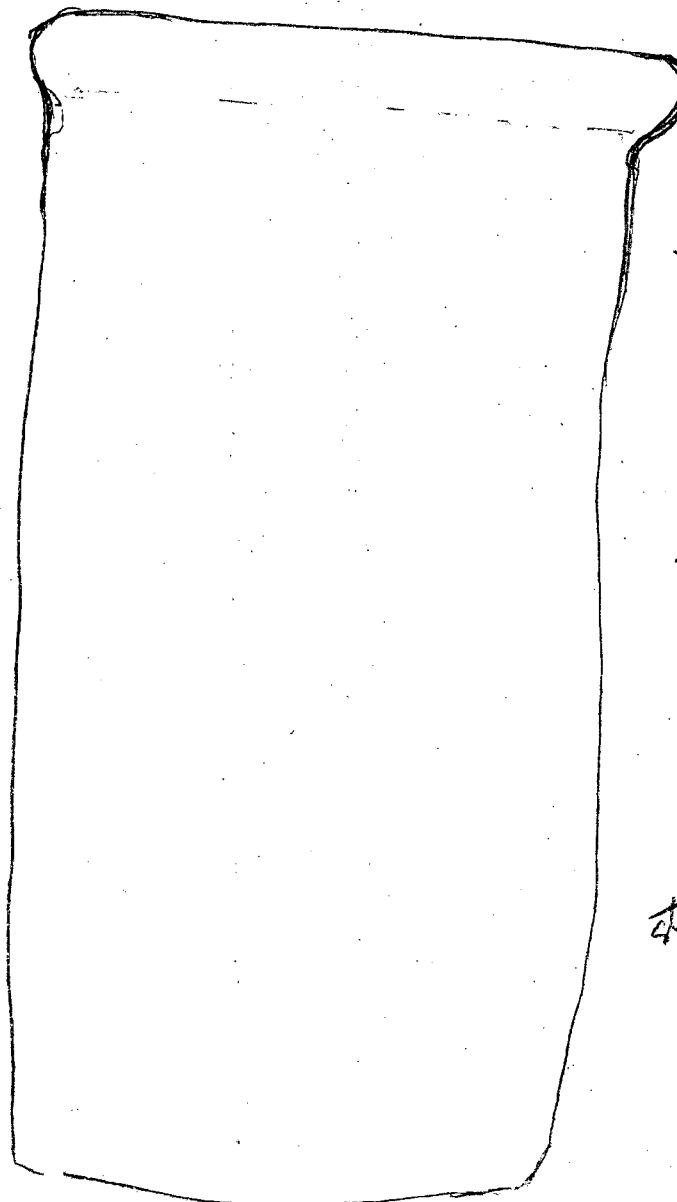
BAL-41

2 HKH

BALLAS

B73

23



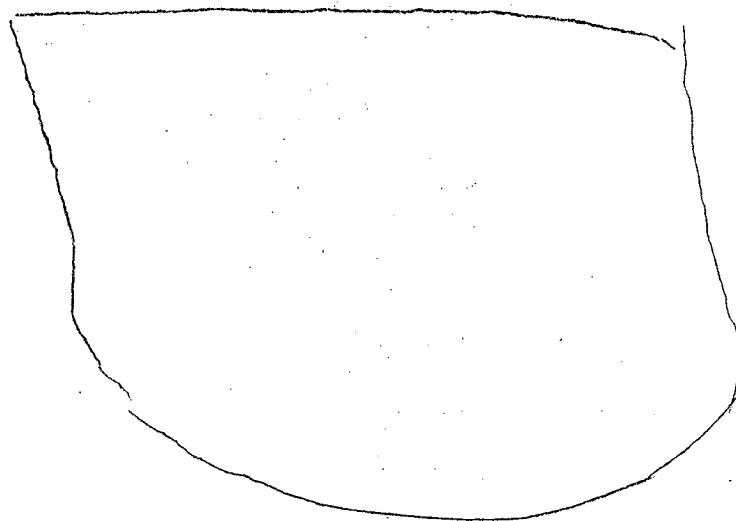
15 cm tall

straight  
sided

C  
BAL-45

6-5783

211-Y



Ballas

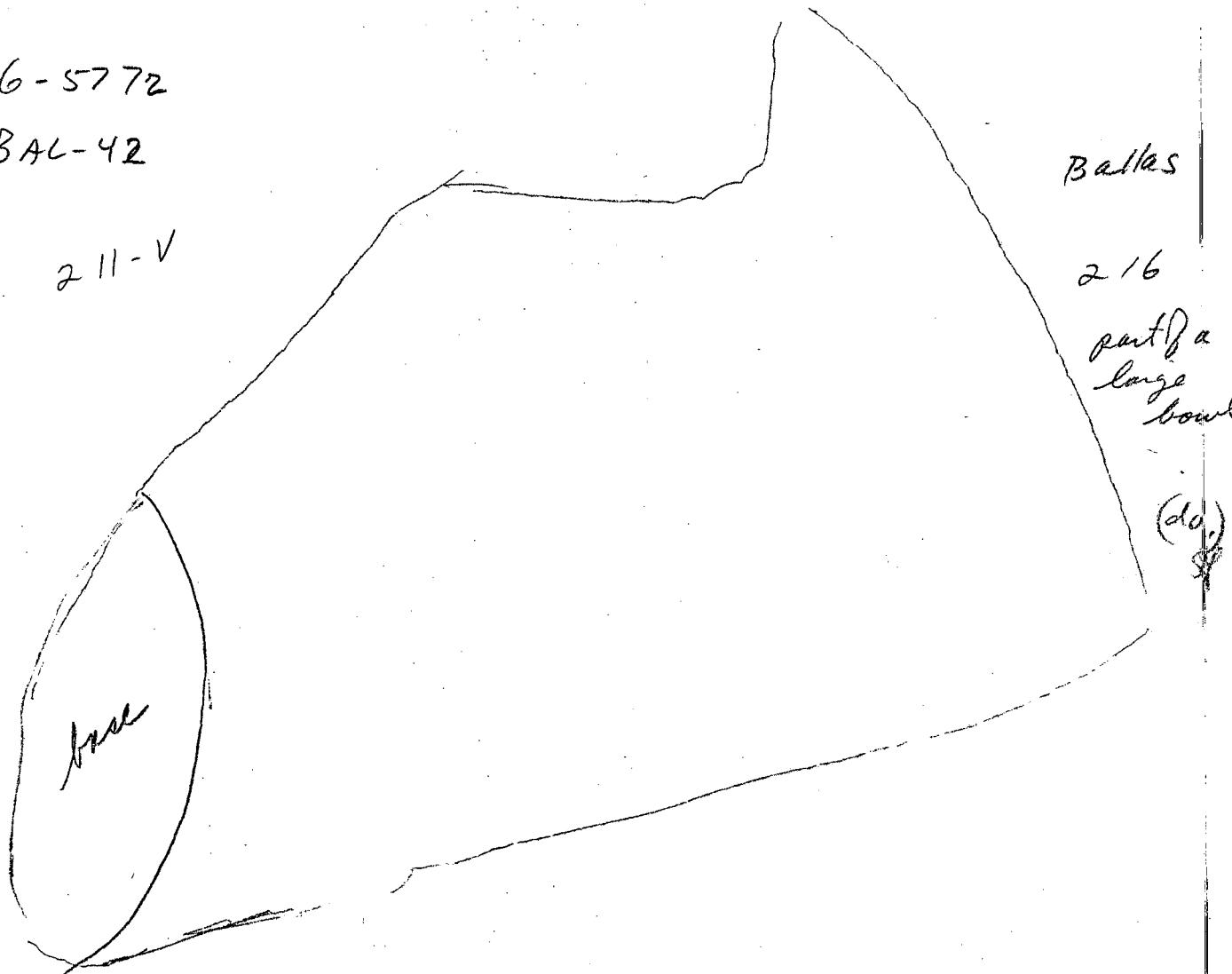
218

one piece from  
a large bowl.  
fragment of bowl

6-5772

BAL-42

211-V



Ballas

216

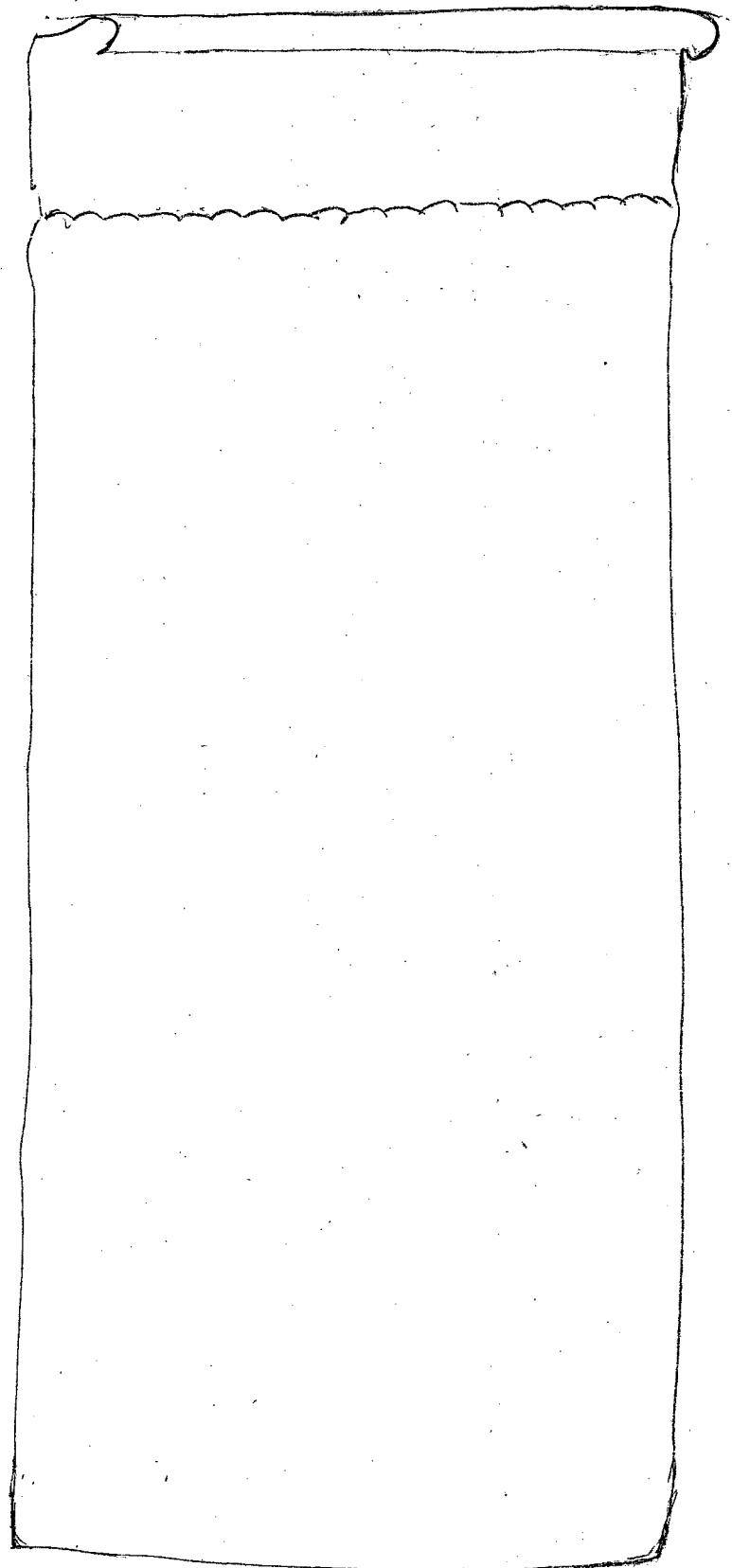
part of a  
large  
bowl.

(do.)

BAL-43

6-5769

211-W



BALLAS

B 216

2

21 cm tall

straight sided  
wavy - handle for

6 - 5786

BAL - 44 - 211X

decoration  
line around  
the top

decorated jar ✓



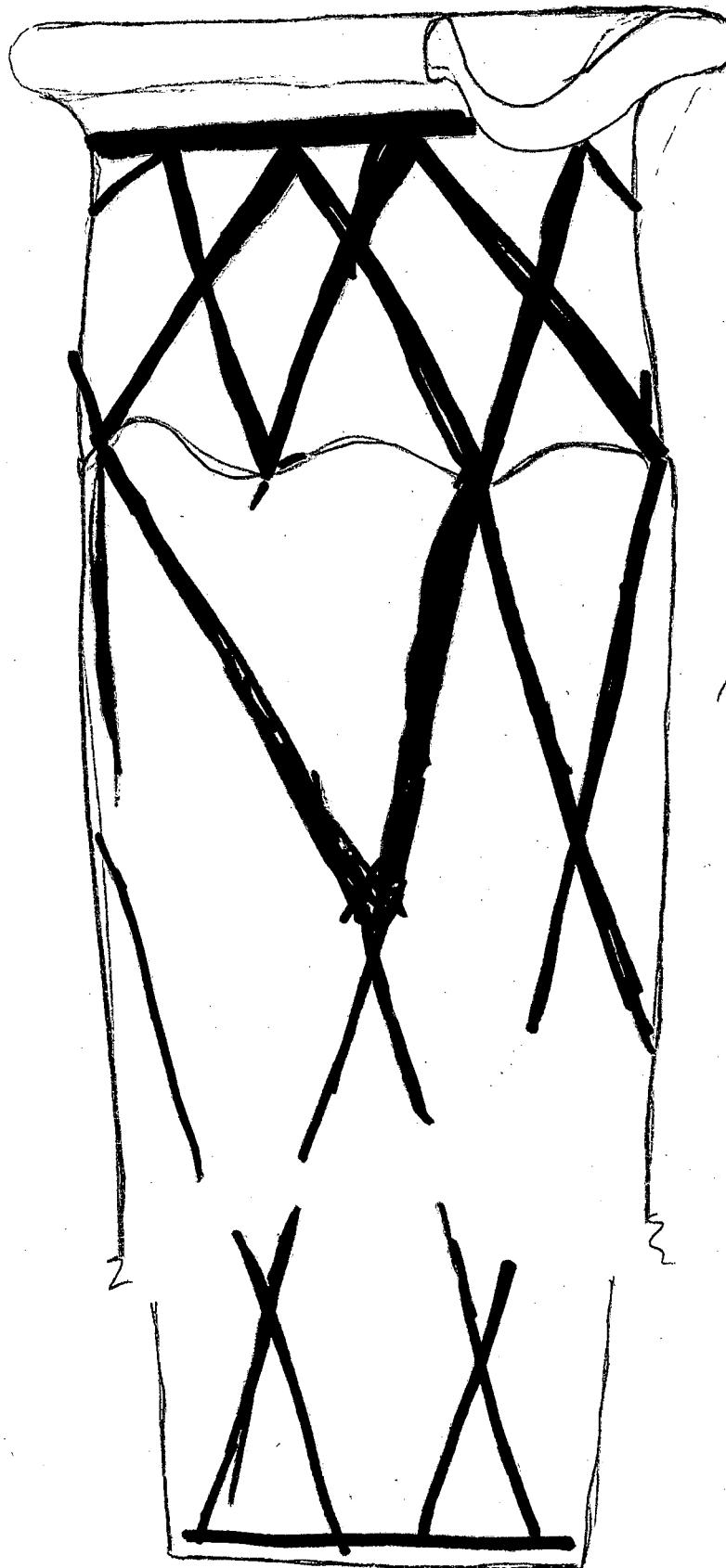
BALLAS

B 218  
5-

25.5 cm tall

6-5914

BAL-46 - 211-2



BALLHS

B-241

2

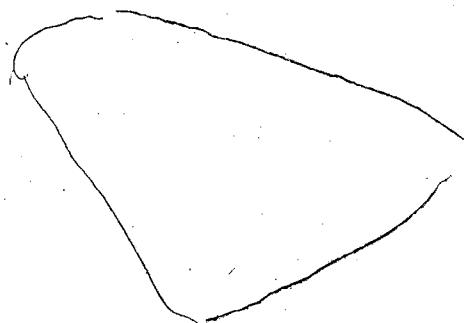
wavy handle, decorated  
27.2 cm tall

**NAG ED DEIR**

6 - 3/21

NGD-1

211-E



Nag ad Deir

cem 7000

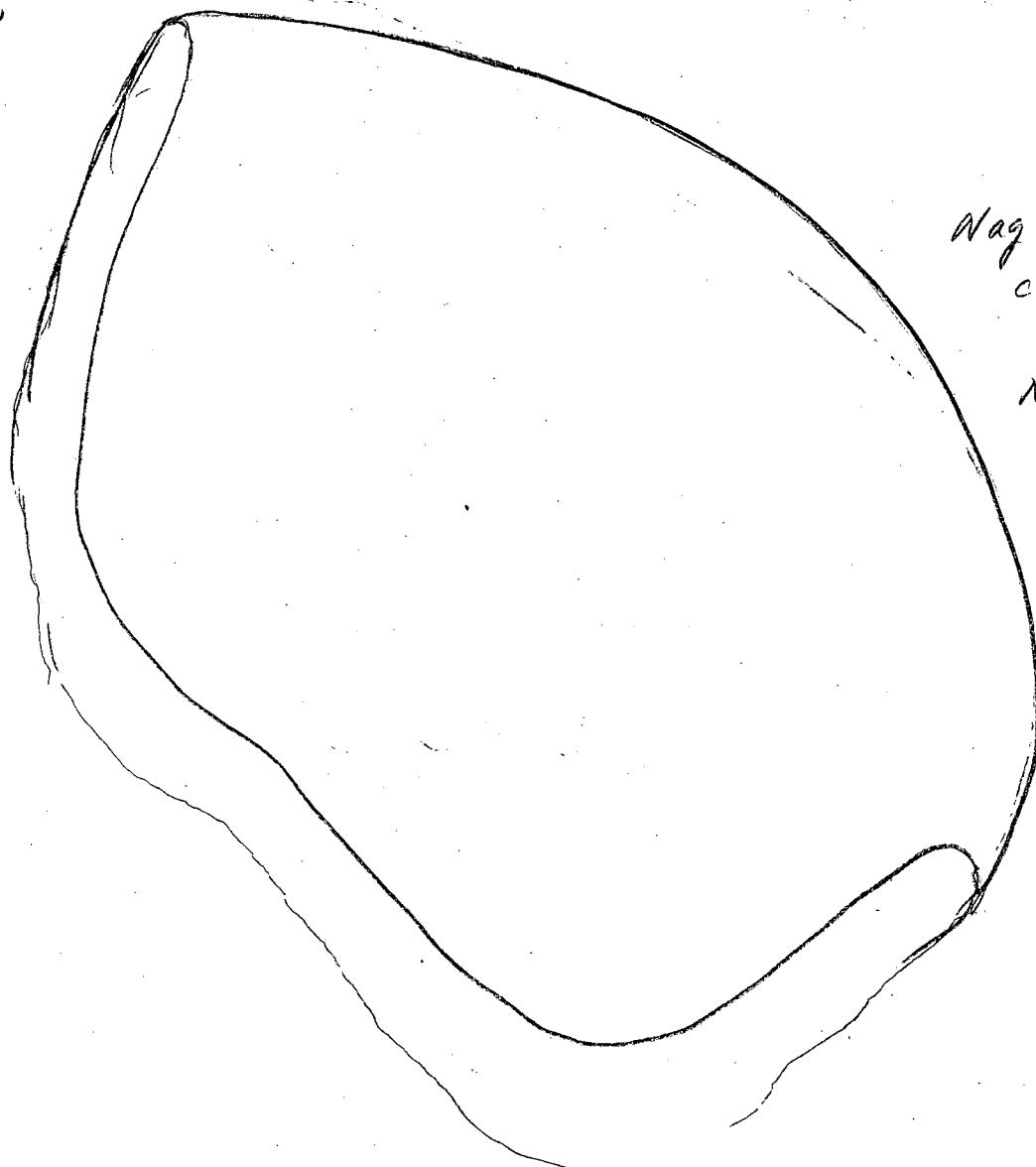
7/28

bowl fragment

6. 3/18

NGD-2

211-F



Nag ad Deir

cem 7000

N 7/28

3

flat bowl  
fragment

6-3476 b

NGD-3

211-6

Nag ed Deir  
cem. 7000 ✓  
N7304.

red core  
band fragment

6-3476 a

NGD-4

211-H

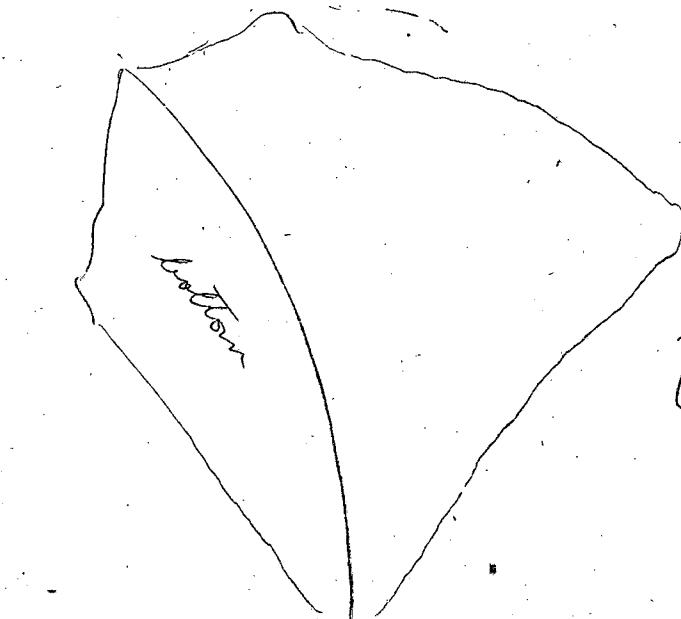
Nag ed Deir  
cem. 7000

band fragment

buff gray  
core

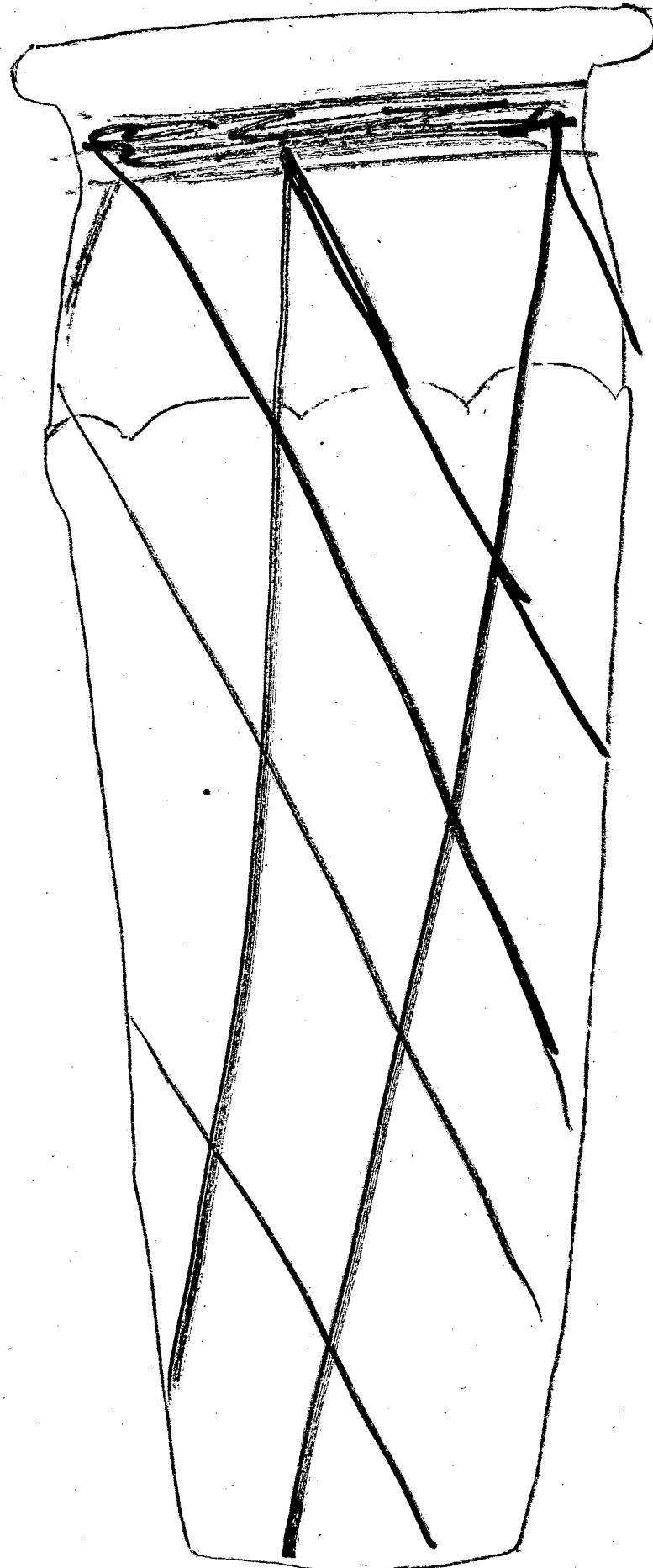
N7304

13



N6D101

211-5



Naged Delt  
cem. 1500

6-666

N. 1602

1

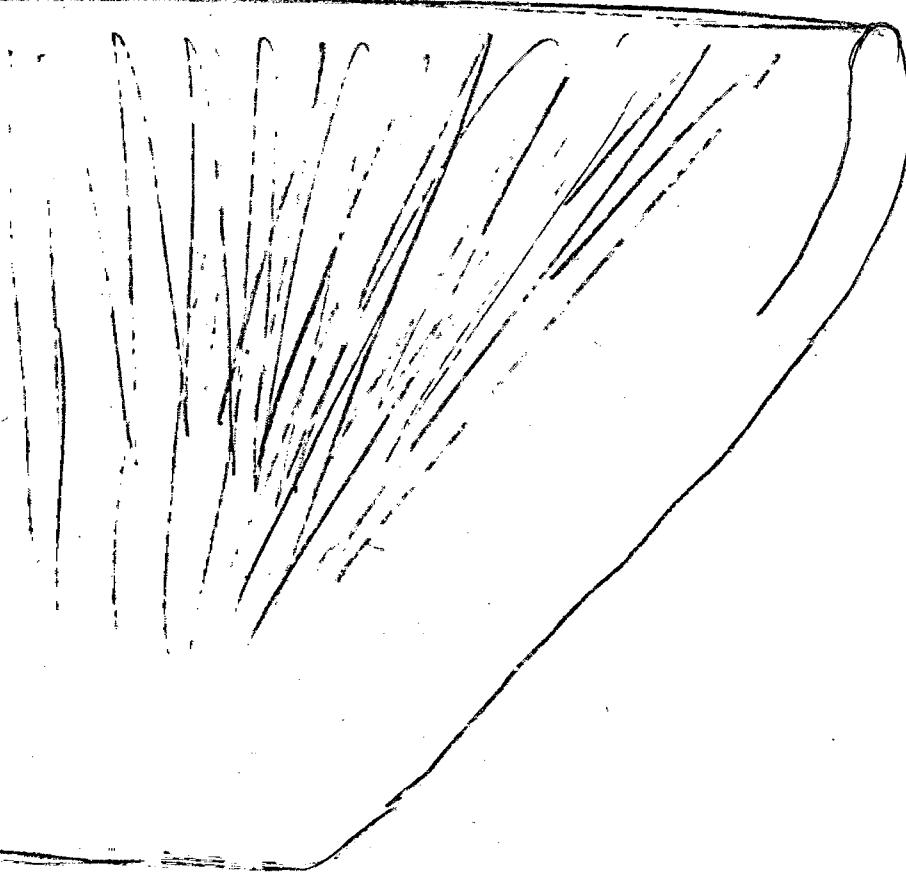
decorated vase handle  
LJ

NGD-102  
6-784

211-K

N-1532  
26.

Nag ed Deir  
cem. 1500



bowl, decorated inside

6-308

211-M

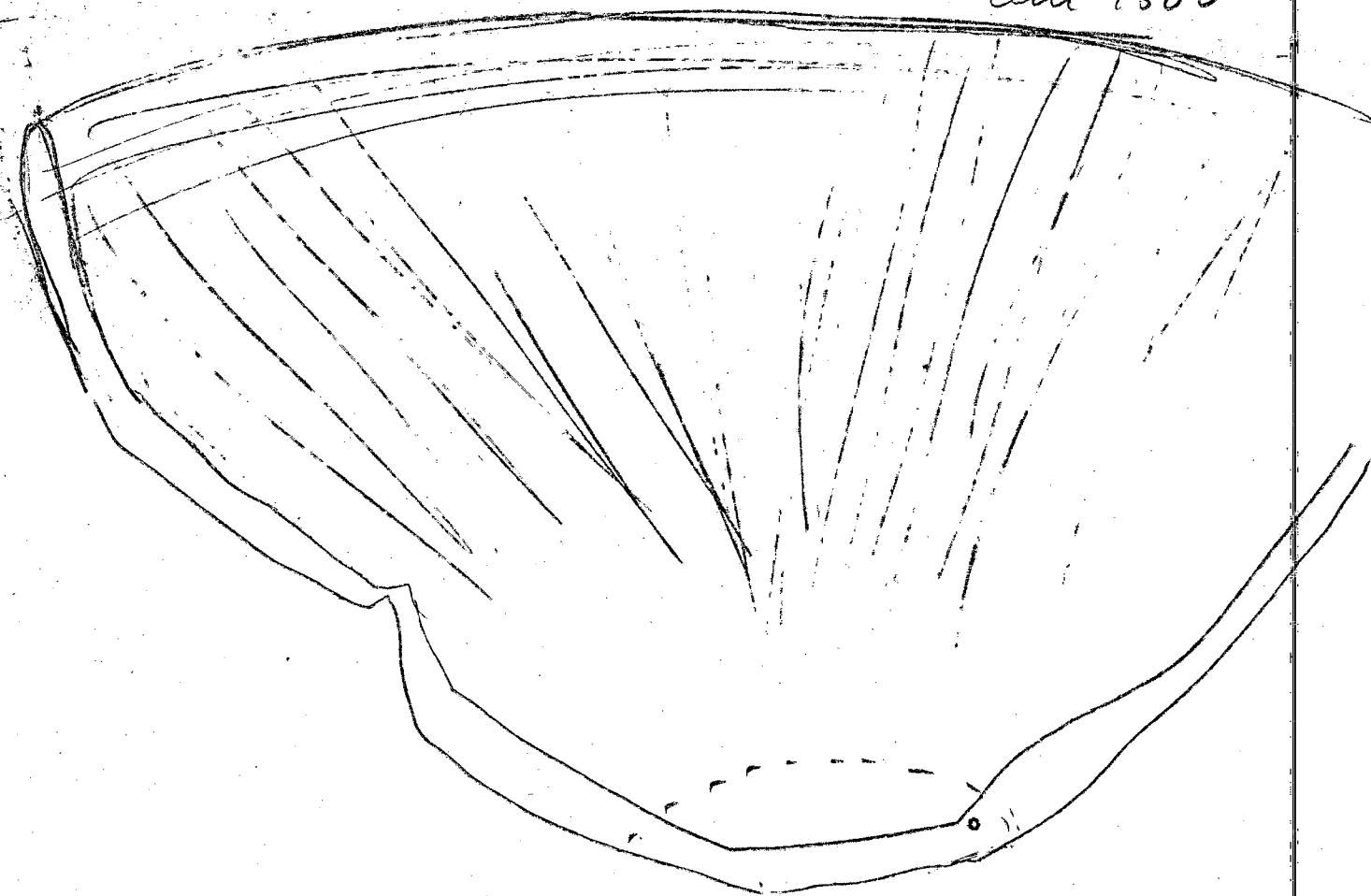
NGD-103

Naq ed Deir

N 1522

2

cm 1500



bowl, decorated inside

NGD-104

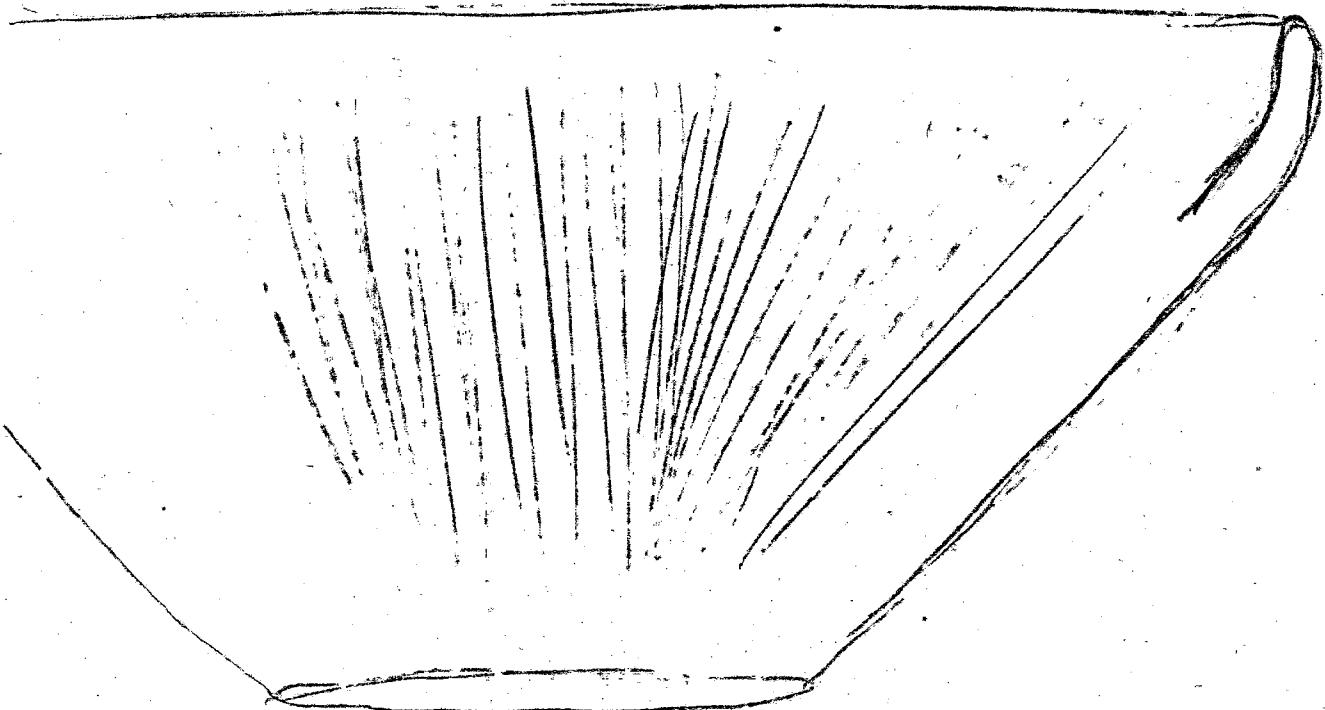
211-N

6-439

N-1532

27

Nag ed Dair  
Cem. 1500



band, decorated inside

6-437

NGD 105

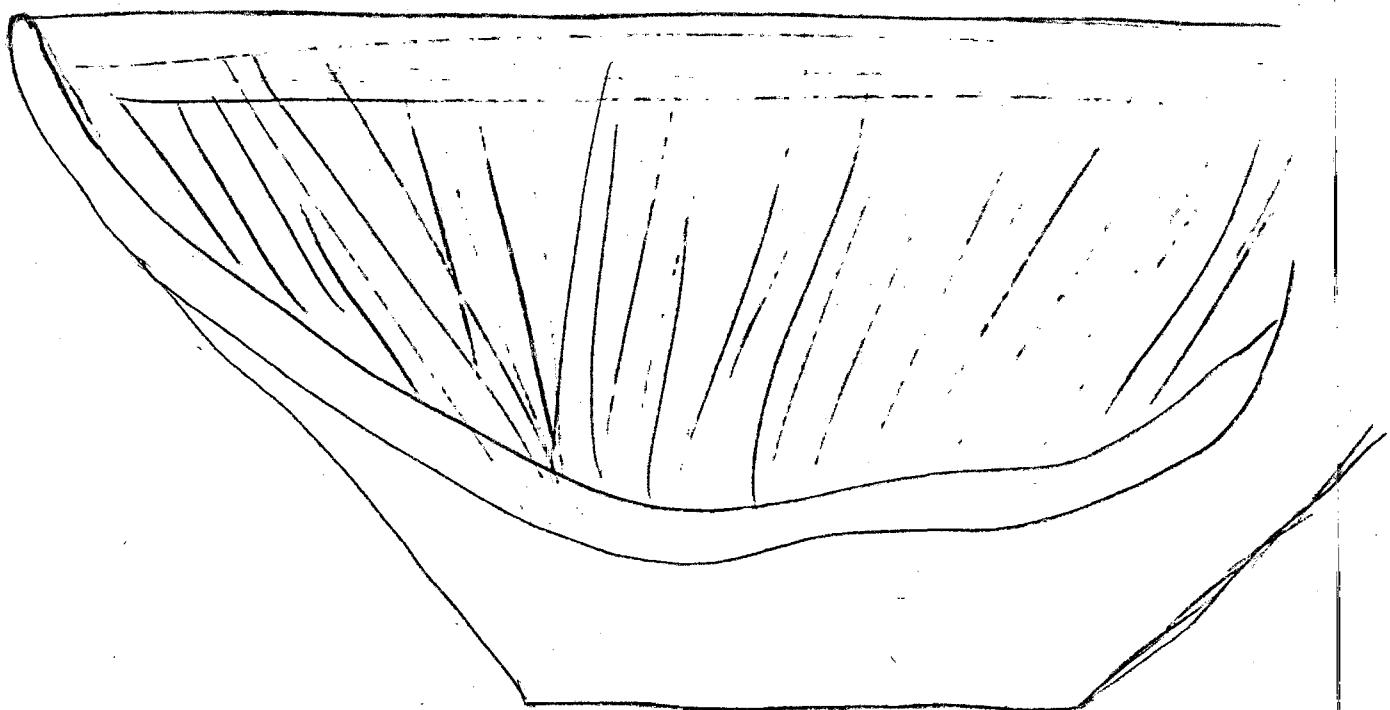
211 0

Nag ed Deir

No 1532

24

C1500

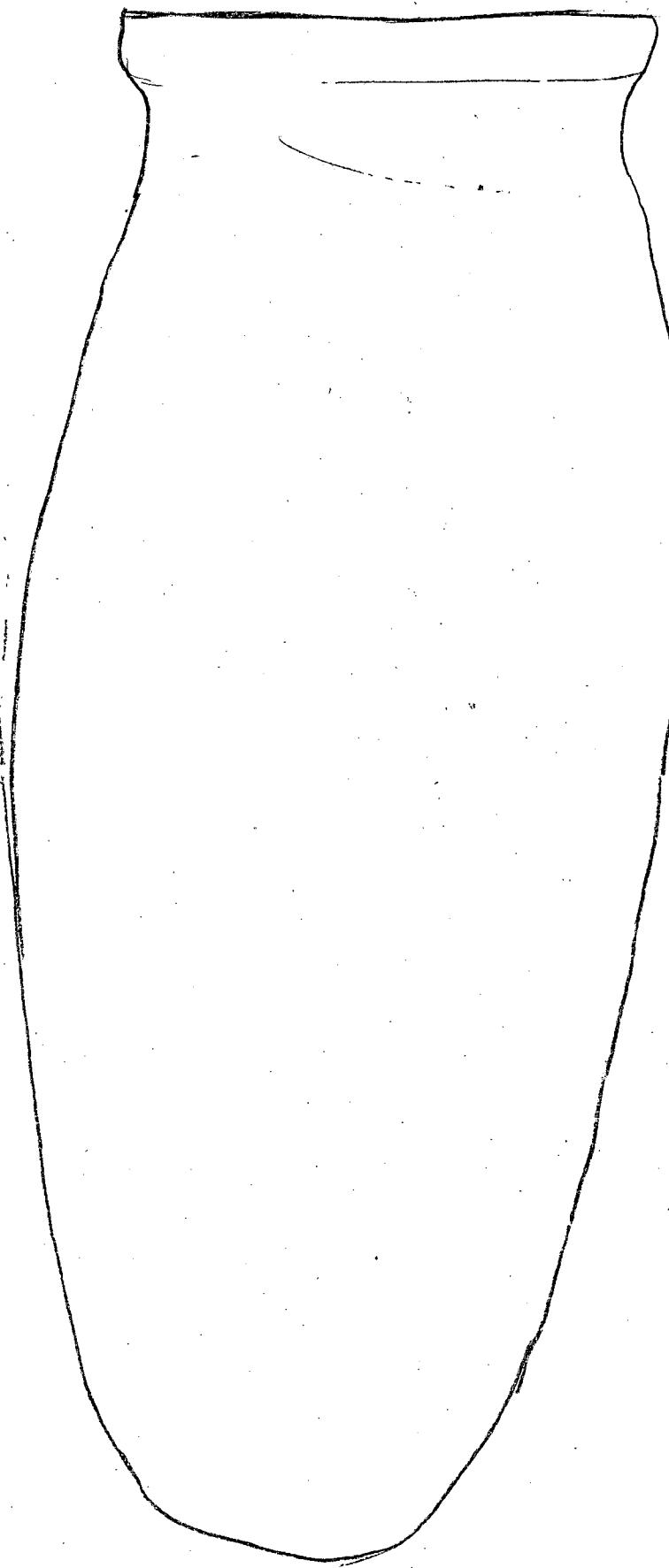


bowl decorated inside

N6D-106.

6-328

211-P



Naged Deir  
cem. 1500?

N1525

28

for

6 - 330

(6 - 33a)

NGD-107

211 Q

N  
1525

36?

Nag ad Deir  
cem 1500

jar

C  
NGD-108

6-704

211-R

Naged Deir  
cem 1500

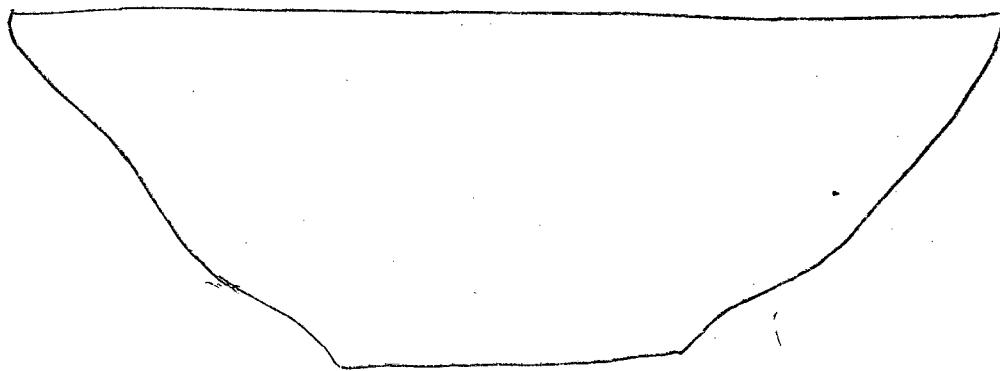
N  
1606  
Z

fir

6 - 733

NGD-109

211-S



Nag ed Deir

IV - 1623

26

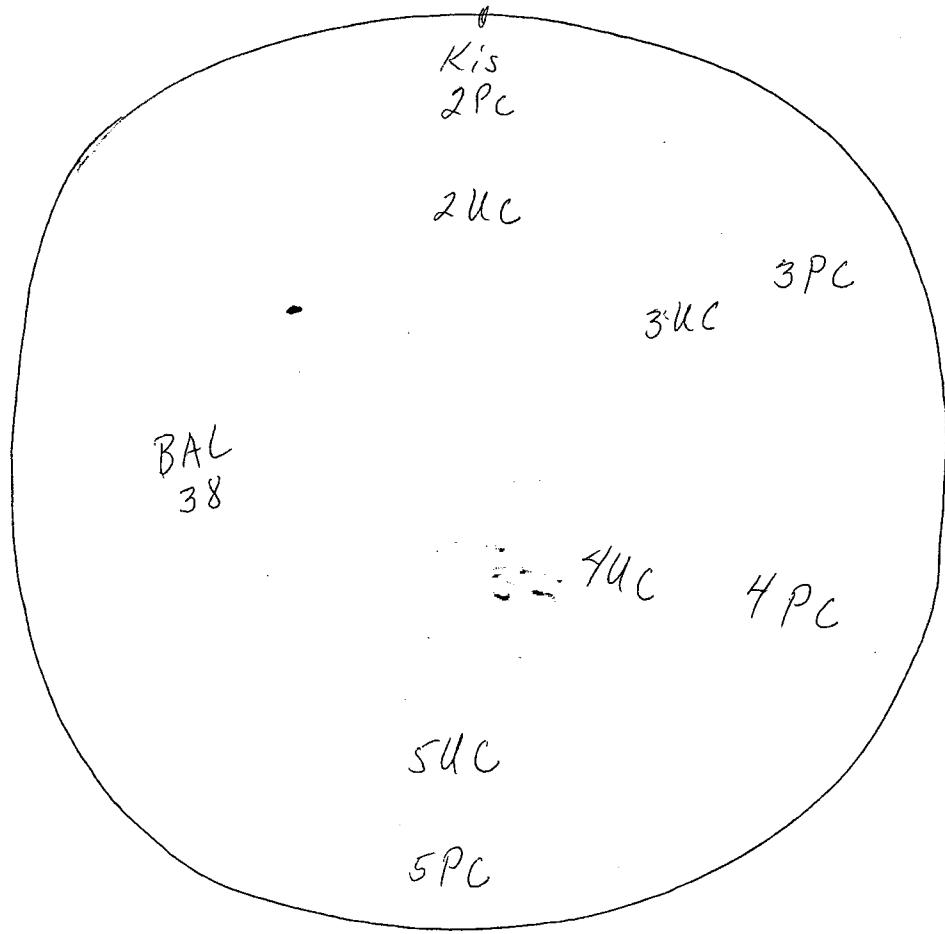
cam 1500

lens

KISI

11/1/67

Kisi clays; prepared & unprepared  
of Bal - 38  
air dried overnight



put in muffle @  $300^{\circ}\text{C}$  & temp. raised to  
 $800^{\circ}\text{C}$  for abt. 30 min.

10/31/67

## KIS 2

Modern Kisé sherd & clay from Natl. Museum  
of Tanganyika

Prepared clay no. I Native name - Bulango Locality - Shombe Tribe - Kisé Presented by D. Mwakambwa 1967	Fired pot sherd no I Shombe (Mwanasembé) Kisé D. Mwakambwa 1967
---	--

Shards: 2 large sherd from same pot  
Grey-pink Rough combed exterior

KIS-2A 135-A

KIS-2B 138-C

Unprepared  
clay:

KIS-2 UCI 138-M

Our fired unprepared clay  
KIS-2 UCF 138-G

Prepared clay:

KIS-2 PC1 135J

Our Fired prepared clay  
KIS-2 PCF 135-E

Unprepared clay pit no. 1.  
Bulango  
Shombe Kisé  
D. Mwakambwa  
1967

# KIS 3

Modern Kisi sherd & clay from Nat'l Museum Tongonjika

Fired pot sherd No. II

Native name: Lujo

Locality: Skombe (Njugubile)

Tribe: Kisi

Presented by D. Mwaikamba 1967

Eight fragments probably from  
same pot: 2 adjacent rim sherd  
4 adj. body sherd, 2 unattached  
Pink-grey body, heavy white slip  
exterior, red paint

KIS - 3 A

135 B

KIS - 3 B

} non-adjacent  
sherd

138 - D

Unprepared clay No II

Native name: Bulango

Locality: Skombe (Njugubile)

Tribe: Kisi

D. Mwaikamba (1967)

unfired unprepared clay

KIS - 3 - UCF 138 - H

KIS - 3 UCI

138 - N

Prepared clay from pot II

Native name: Bulango

Locality: Skombe

Tribe: Kisi

D. Mwaikamba (1967)

KIS - 3 PCI

- 135 k

unfired Prepared clay  
KIS - 3 - PCF - 135 F

# KIS 4

Modern Kesi sherd & clay from Nall Museum Tanganjika

Fired pot sherd No. III  
Locality: Skombe Tribe Kesi  
Presented: D. Mwaikambo

14 fragments from one pot

KIS-4A      }  
KIS-4B      }  
                } non-adjacent  
                } sherd  
                } 135-C  
                } 138-E

Unprepared clay No. III  
Native name: Bulango  
Locality: Skombe (Siefele)  
Tribe: Kesi  
Presented: D. Mwaikambo (1967)

Unfired unprepared clay  
KIS-4-UCF - 138

KIS-4UCI - 138-P

Prepared clay No. III  
Native name: Bulango  
Locality: Skombe (Siefele)  
Presented: D. Mwaikambo

KIS-4PCI - 135-M

Unfired prepared clay  
KIS-4-PCF - 135-G

KIS-5

Modern Kesi sherd & clay from Nat'l Museum of Tanganyika

Fired pot sherd No IV

Native name: Lujo

Locality: Jkombe (Tyoni)

Tribe: Kesi

Presumed: D. Mwaikambo (1967)

135-D

KIS-5A Very thick rim sherd, rough exterior, grey-jank

KIS-5B Body sherd, thinner, combed outer surface, blackened

138-F

Prepared clay No IV

Jkombe

Kesi

D. Mwaikambo

KIS-5PC1 - 135 N

unfired unprepared clay

KIS-5-UCF - 138-K

unfired prepared clay

KIS-5-PCF

- 135-H

unprepared clay No IV

Bulango

Jkombe (Tyoni)

Kesi

D. Mwaikambo (1967)

KIS-5UC1

138-Q

Kenchrea

CEN -

KENCHREAI POTTERY

(Tiles from backing of opus sectile  
collected 1966, R.H.B.)

- 139-A 973 - K66 D Salmon red throughout.
- 139-B 974 - K66E Salmon red throughout.
- 139-C 975 - K66F Salmon red throughout.
- 139-D 976 - K66G Buff-cream throughout.
- 139-E 977 - K66H Buff-cream, salmon on inner surface.
- 139-F 978 - K66I Buff-cream, salmon on inner surface.
- 139-G 979 - K66J Gray throughout, coarser texture.

RHB:mp  
Dec. 20, 1966

- 169 Y ~~E~~ F (CEN) B
- 169 Z I (CEN) B

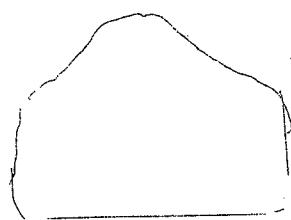
CEN  
Kenchreai Pottery

Nov. 22, '67

from Corning Museum of Glass - Brill  
Tiles from backing of opus sectile collected 1966.

KEN-66-D a

139-A



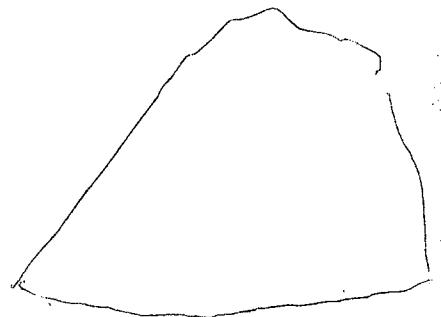
K-66-D<sub>b</sub>



Salmon red throughout

KEN-66 E

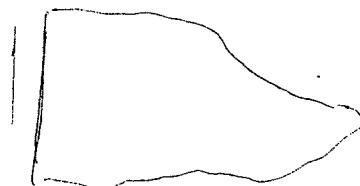
139-B



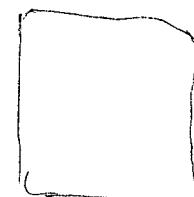
Salmon red throughout

KEN-66 F a

139-C



K-66 F b



Salmon red throughout

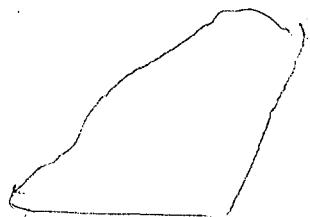
CEN-

Kenchmeai Pottery

D Tiles from backing of opus sectile collected 1966  
Brill.

KEN66 G

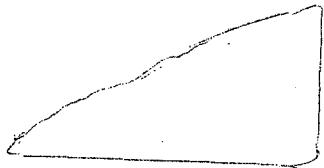
139-D



Buff cream throughout

KEN66 H

139-E



Buff-cream, salmon  
on inner surface.

KEN66 I

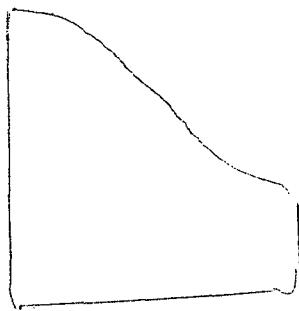
139-F



Buff-cream, salmon  
on inner surface

KEN66 J

139-G



Gray throughout,  
coarser texture

Jel / eme

21/11/01

JEL -

JELEMIE POTTERY

J'64, removed from dump pit

139-H 870 Combed ware, gray body, sl. tan surface.

871 Combed ware, gray sandwiching, sl. cream zone.

872 Combed ware, gray body, cream surface.

873 Combed ware, gray-tan body, gray surface.

-----

139-J 874 Combed ware, salmon.

875 Combed ware, salmon.

876 Salmon sandwiching cream.

877 Salmon sandwiching thin cream.

-----

878 Combed ware, cream body with sl. tan surface.

139-K 879 Flat tile, cream.

880 Combed ware, porous brick red.

139-M 881 Handle, porous brick red.

882 Combed ware, friable brick red with tan surface.

139-N 883 <sup>sigillata,</sup> Pseudo terra, hard brick red.

-----

884 Combed ware, tan body with salmon surface.

-----

885 Lightly combed ware, gray body, tan-salmon surface.

886 Combed ware, gray body, porous brick red surface.

887 Pot fragment, smooth walled, dark gray salmon surface.

888 Combed ware, gray body, tan and salmon surfaces.

-----

889 Handle, gray body, tan-cream surface.

# CORNING

CORNING GLASS WORKS

~~CORNING GLASS WORKS~~

to R.H. Brill  
 cc: M. F. Mackall  
 from N. G. Whitaker  
 date 1-6-67

D6955, D6957

subject	Spectrographic examination of samples of various types of ware from site of Roman glass factory <del>and</del> Jelemie, Isreal (2nd half of 4th century A.D.) and pot shreds from opus sectile panels excavated at Kenchreai, Greece (2-4th century A.D.).			
Range%	gray	salmon	cream(tile)	red, porous
>10	SiO <sub>2</sub>	SiO <sub>2</sub>	SiO <sub>2</sub>	SiO <sub>2</sub>
5-20	Al <sub>2</sub> O <sub>3</sub> , CaO	Al <sub>2</sub> O <sub>3</sub> , CaO	Al <sub>2</sub> O <sub>3</sub> , CaO	Al <sub>2</sub> O <sub>3</sub>
1-10	Fe <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub> , MgO	Fe <sub>2</sub> O <sub>3</sub> , CaO
.5-5	MgO, TiO <sub>2</sub>	MgO, TiO <sub>2</sub>	(Cr <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> )	MgO, TiO <sub>2</sub>
.1-1	Na <sub>2</sub> O	Na <sub>2</sub> O	Na <sub>2</sub> O	Na <sub>2</sub> O
.05-.5	Cr <sub>2</sub> O <sub>3</sub>	Cr <sub>2</sub> O <sub>3</sub>	---	Cr <sub>2</sub> O <sub>3</sub>
.01-.1	ZrO <sub>2</sub> , BaO, B <sub>2</sub> O <sub>3</sub> SrO, MnO <sub>2</sub>	BaO, SrO MnO <sub>2</sub>	BaO, SrO, NiO	BaO, ZrO <sub>2</sub> , MnO <sub>2</sub> SrO
.005-.05	Ga <sub>2</sub> O <sub>3</sub> , V <sub>2</sub> O <sub>5</sub>	B <sub>2</sub> O <sub>3</sub> , ZrO <sub>2</sub> V <sub>2</sub> O <sub>5</sub>	B <sub>2</sub> O <sub>3</sub> , V <sub>2</sub> O <sub>5</sub> MnO <sub>2</sub>	B <sub>2</sub> O <sub>3</sub> , Ga <sub>2</sub> O <sub>3</sub> V <sub>2</sub> O <sub>5</sub>
.001-.01	NiO, CuO	(Ga <sub>2</sub> O <sub>3</sub> , CuO NiO)	ZrO <sub>2</sub> , Ga <sub>2</sub> O <sub>3</sub> CuO	NiO, CuO
.0005-.005	PbO	---	---	---

JEL:

retain

1 year \_\_\_\_\_

6 months \_\_\_\_\_

destroy now \_\_\_\_\_

other \_\_\_\_\_

Actually, the Tel. and Ken.  
samples resemble one  
another!

A.I.L.X  
**CORNING**  
 CORNING GLASS WORKS

to R. H. Brill

page 2

1-6-67

from

date

subject	Range%	perf.Tens.Cig.	gray 4 red	gray 7 salmon	gray 7 cream.
		<u>883</u>	<u>886</u>	<u>887</u>	<u>889</u>
	>10	SiO <sub>2</sub>	SiO <sub>2</sub>	SiO <sub>2</sub>	SiO <sub>2</sub>
	5-20	Al <sub>2</sub> O <sub>3</sub> , CaO	Al <sub>2</sub> O <sub>3</sub> , CaO	Al <sub>2</sub> O <sub>3</sub>	Al <sub>2</sub> O <sub>3</sub> , CaO
	1-10	Fe <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub> (CaO)	Fe <sub>2</sub> O <sub>3</sub>
	.5-5	MgO, TiO <sub>2</sub>	MgO, TiO <sub>2</sub>	MgO, TiO <sub>2</sub>	MgO, TiO <sub>2</sub>
	.1-1	Na <sub>2</sub> O	Na <sub>2</sub> O	Na <sub>2</sub> O	Na <sub>2</sub> O
	.05-.5	Cr <sub>2</sub> O <sub>3</sub>	Cr <sub>2</sub> O <sub>3</sub>	Cr <sub>2</sub> O <sub>3</sub>	Cr <sub>2</sub> O <sub>3</sub>
	.01-.1	ZrO <sub>2</sub> , BaO MnO <sub>2</sub> , SrO	ZrO <sub>2</sub> , BaO MnO <sub>2</sub> , SrO	ZrO <sub>2</sub> , BaO, SrO B <sub>2</sub> O <sub>3</sub> MnO <sub>2</sub>	SrO, ZrO <sub>2</sub> , MnO <sub>2</sub> , BaO
	.005-.05	B <sub>2</sub> O <sub>3</sub> , Ga <sub>2</sub> O <sub>3</sub> V <sub>2</sub> O <sub>5</sub>	B <sub>2</sub> O <sub>3</sub> , V <sub>2</sub> O <sub>5</sub> Ga <sub>2</sub> O <sub>3</sub>	Ga <sub>2</sub> O <sub>3</sub> , V <sub>2</sub> O <sub>5</sub>	B <sub>2</sub> O <sub>3</sub> , Ga <sub>2</sub> O <sub>3</sub> V <sub>2</sub> O <sub>5</sub>
	.001-.01	NiO, CuO	NiO, CuO	NiO, CuO	NiO, CuO
	.0005-.005	---	---	PbO	---

Concl.:

883, 886, 889 are identical and are prob. typical of Job. ware.  
 The others show only minor variations in a few trace elements.

881 & 887 seem to have a little less CaO.

(879 seems to be the most divergent from the norm of 883, 886 & 889,  
 but even this one may not be drastically different.)

(No K<sub>2</sub>O is reported)

SEL

retain

1 year \_\_\_\_\_

6 months \_\_\_\_\_

destroy now \_\_\_\_\_

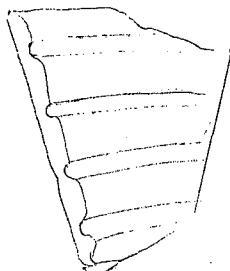
other \_\_\_\_\_

Jelemie Pottery

J '64 removed from dump pit. (Baill)

JEL-870

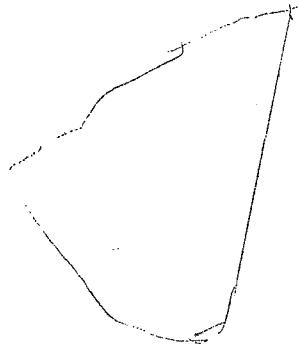
139-H



Combed ware, gray body,  
sl. tan surface.

JEL-874

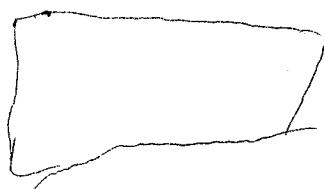
139-J



Combed? ware, salmon

JEL-879

139-K



Flat tile, cream

JEL 881

139-M



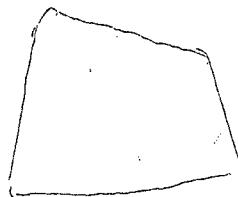
Handle, porous brick  
red.

very soft

Jelemic Pottery  
J '64, removed from dump pit - (Brill)

J<sub>EL</sub>- 883

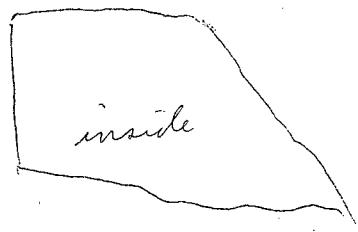
139-N



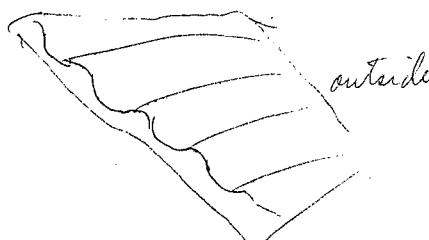
pseudo terra sigillata,  
hard brick red.

J<sub>EL</sub> 886

140-B

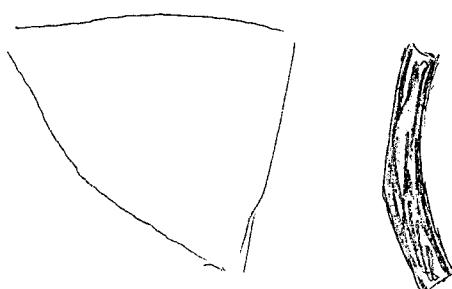


Combed ware, gray body,  
porous brick red surface.



J<sub>EL</sub>-887

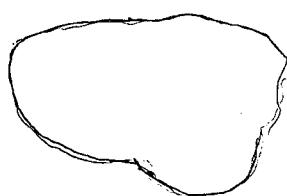
140-C



Pot fragment, smooth  
walled, dark gray, salmon  
surface

J<sub>EL</sub>- 889

140-D



Handle, gray body,  
tan - cream surface

551167



# THE CORNING MUSEUM OF GLASS

C O R N I N G   G L A S S C E N T E R

Noted.....	RECEIVER
Action.....	
Recd. NOV 17 1967	
Ans.	
File.....	

November 10, 1967

Dr. I. Perlman  
Associate Director  
Lawrence Radiation Laboratory  
University of California  
Berkeley, California

Dear Dr. Perlman:

In this package you will find the three types of samples we talked about two weeks ago. I am in the final throes of preparing for my departure for Israel and Greece tomorrow and therefore this is a very hasty letter.

1. The first group of samples are from Jelemie in Israel. These are from the 4th century A. D. glass factory we are excavating there. The samples are not merely strays but are being used for several other types of experiments. (X-ray diffraction, thermoluminescence, oxygen isotope determinations, etc.) Some samples still contain the calcareous soil deposits that were on them at the time of excavation. The spectrographic analyses enclosed may or may not be of some help to you.

2. The second group of samples are from Kenchreai, in Greece. They were removed from the opus sectile panels found there. These are one of the most important archaeological glass finds ever made. I do not have any reprints of articles dealing with them but you will be readily able to obtain a copy of Archaeology, vol. 20, no. 3, June, 1967 in which Prof. Robert Scranton describes them.

3. The third group are three reference glasses melted for an analytical round-robin. The mimeographed attachments provide some information on the glasses and project.

**CORNING**  
CORNING GLASS WORKS

to R. H. Brill

page 5

1-6-67

from

date

subject	<u>Range%</u>	<u>NBS Standard # 76</u>	<u>NBS Standard # 98</u>
	>10	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub>
	5-20	----	----
	1-10	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O, Fe <sub>2</sub> O <sub>3</sub>
	.5-.5	TiO <sub>2</sub>	TiO <sub>2</sub>
	.1-.1	MgO, CaO, Na <sub>2</sub> O	MgO, CaO, Na <sub>2</sub> O
	.05-.5	Cr <sub>2</sub> O <sub>3</sub>	Cr <sub>2</sub> O <sub>3</sub>
	.01-.1	B <sub>2</sub> O <sub>3</sub> , BaO, ZrO <sub>2</sub> , Ga <sub>2</sub> O <sub>3</sub>	BaO
	.005-.05	MnO <sub>2</sub> , V <sub>2</sub> O <sub>5</sub> , NiO	B <sub>2</sub> O <sub>3</sub> , V <sub>2</sub> O <sub>5</sub> , NiO, MnO <sub>2</sub> , ZrO <sub>2</sub> , Ga <sub>2</sub> O <sub>3</sub>
	.001-.01	PbO	CuO
	.0005-.005	CuO	PbO

The detection limit of K<sub>2</sub>O in the U.V. for most glass analysis is 1%. However, in NBS standard # 98, with an analyzed 3.17% K<sub>2</sub>O we were just able to spot it. This is why all the other samples list no K<sub>2</sub>O.

/tb

retain

1 year \_\_\_\_\_

6 months \_\_\_\_\_

destroy now \_\_\_\_\_

other \_\_\_\_\_

Dr. I. Perlman  
November 10, 1967  
Page 2

I shall write again when I return to fill you in a little more on the details but must rush off now.

Sincerely,

*Robert H. Brill* (pp)

Robert H. Brill *Secretary to Dr. Brill*  
Administrator,  
Scientific Research

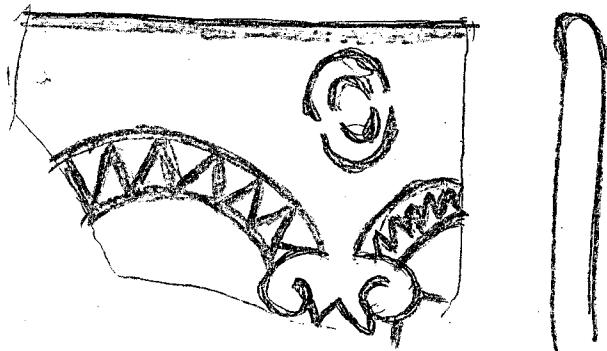
P.S.

If your plans to take a portable x-ray fluorescence analyzer abroad next year should materialize, there is a tailor made application at Kenchreai. This is a problem that probably cannot be solved by any other means. It would require 2 days work there. I will send further details if you are interested.

RHB:pep  
Enc.

MISC: GREEK

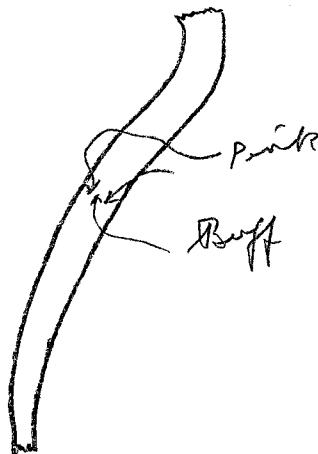
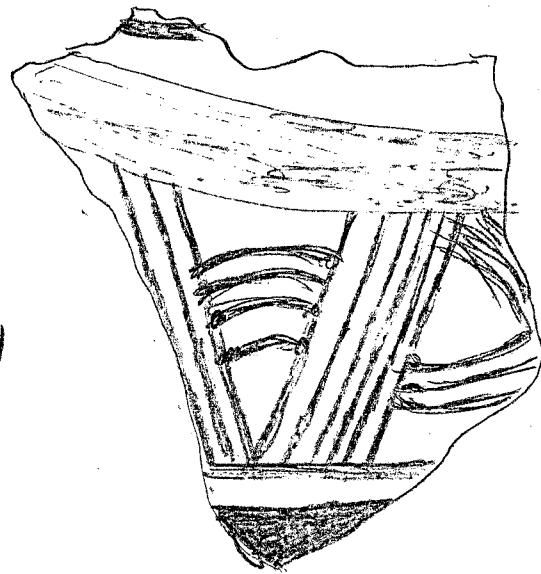
TIR 1  
144-6



Surface find at Tigray by Pritchett  
Buff post, pinkish silt, red dec.

KORI

144-H



Korakou

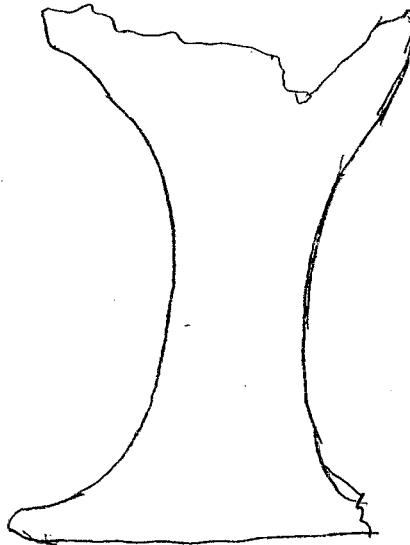
Obtained from Pritchett

Nov 28, 1967

Said by him to have been  
excavated at Korakou  
M6 on sherd.

Yellow cream slip, brown  
paint typical of J. Mys. wac

C  
PYL 1



Pylos

grey-cream foot of bowl  
P1 on stand

Obtained from Pritchett Nov 23, 1967  
Said by him to have been  
excavated at Pylos by Blegen

100% COTTON

100% COTTON

# Ceramic Shops

where? 5<sup>8</sup>

5 1/2 next to 45

Person in charge? Mike Basil

3705 899

~~Mike Basil~~  
~~Basil~~  
5112

## Apparatus for crushing

" grinding - Ball mill  
Oven facilities 2 fire pits

- Hold 10 CBS  
Can mix as long as want

Don't have  
mixer for wet  
clay - But we  
can use ball mill.

Ball mill

37 micron 1.5 ml open  
400 mesh

5/9 1800

Bring up samples  
for sample firing

Molds available on car 10 m.

~~broken tile~~.

2

Time evolved

- 1) Mill it to make slip.
  - 2) Pour into a mold
  - 3) Dry
  - 4) Fire kil.
  - 5) Break it up
  - 6) Put in the ball mill (gets wet)
  - 7) Dry
- ~40 hours conservative estimate  
~1 week

78.240

100.0 gm clay, dried, ground & placed through 100-mesh screen

55 ml water gave a moist paste

about 80% of paste used to fill two small petrie dishes.

Mixed: STD A1 }  
STD A2 }

STD-A

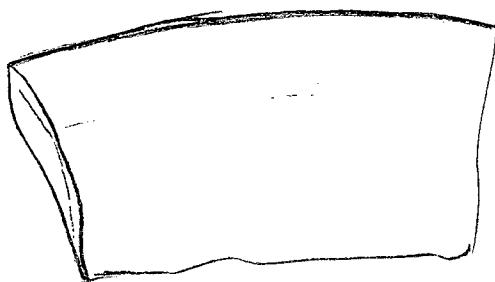
Sample of clay from Lyle Dawson  
(campus)

MS. C.

Early Islamic (Ghirshman)  
9<sup>th</sup> + 10<sup>th</sup> century.  
from Susa  
(Iran)

SUS-1

144-J

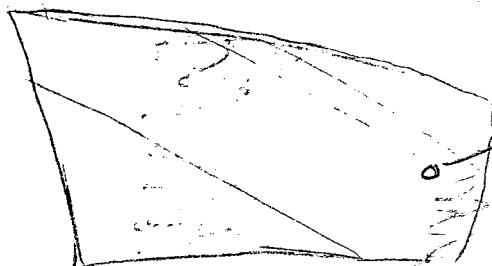


Rim sherd  
beige  
yellow glaze on  
inside

blue grading to  
green near rim on  
outside

SUS-2

144-K

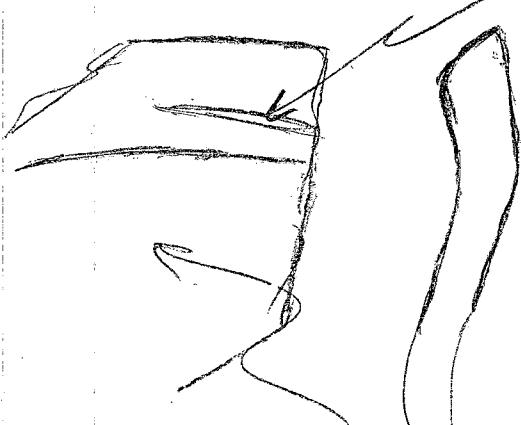


rim sherd from Susa  
flaw in glaze  
iridescent glaze.  
yellow + green

RAM - 1

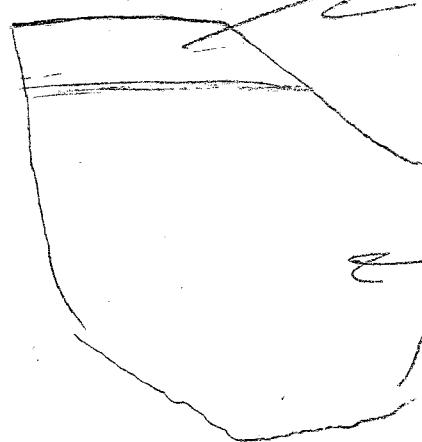
144-M

brown



yellow glaze

from Ramle  
 $7^{\frac{1}{2}}$  &  $8^{\frac{1}{2}}$  century  
Islamic



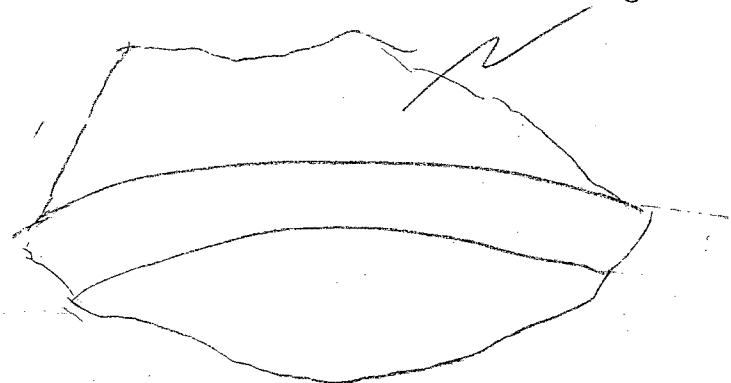
englazed

brown & yellow glaze  
on rim sherd, unglazed  
on lower exterior.

RAM - 2

144-N

cream glaze both sides  
sherd



slightly iridescent

Early  
Neolithic  
Corinthian wares  
6,000-5,000 B.C.

CORINTH -  
TEMPLE HILL

Early Neolithic  
Springy Coarse Ware  
6,000-5,000 B.C.

CORINTH  
TEMPLE HILL

OLD CORINTH

GULF OF  
CORINTH

MODERN  
CORINTH

TEMPLE  
HILL

KORAKOU



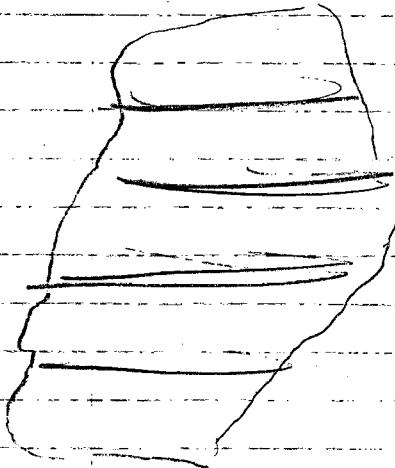
CORINTH  
CANAL

ISTHMIA

RENCARATEA

SARONIC  
GULF

KORAKOU - BRONZE AGE OCCUPATION  
SITE EXCAVATED BY BLEGEN  
REFS. KORAKOU, BLEGEN

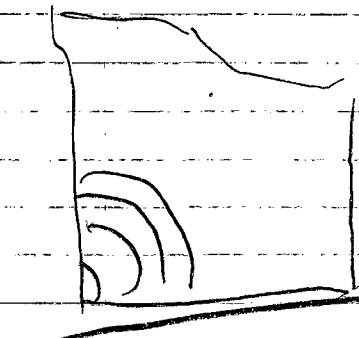


GREY MINYAN WARE

from Collet

[Earliest wheel-made pottery  
in Aegean; assoc. w/  
first Indo-Europeans]

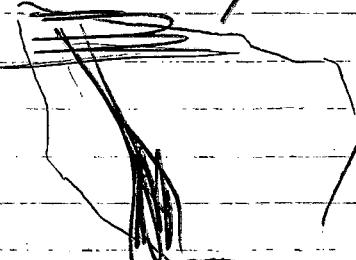
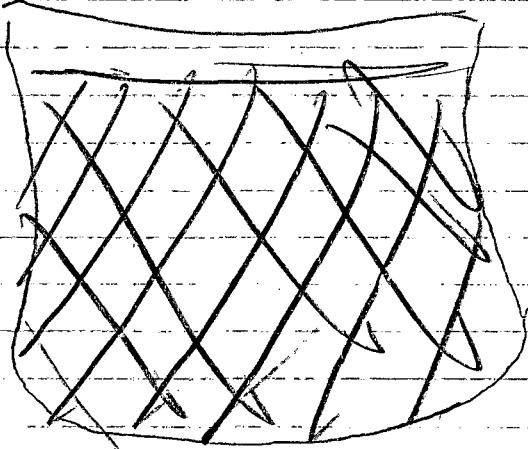
? 2200 - 1900 B.C.



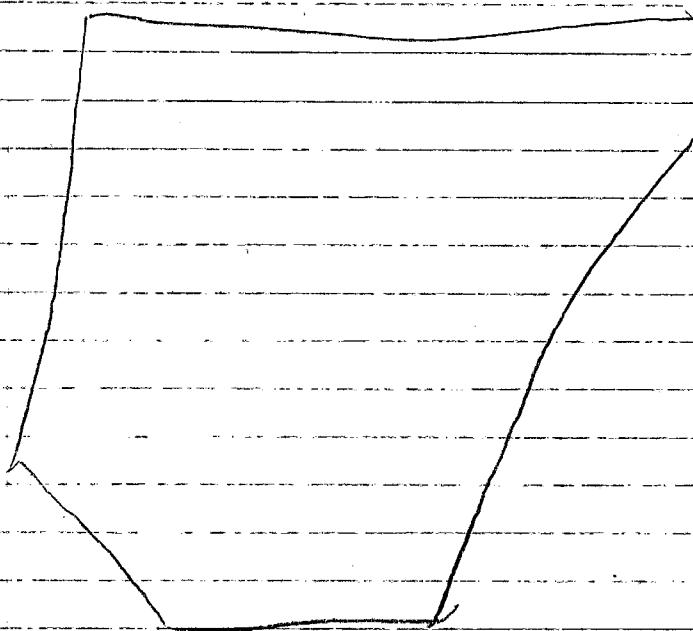
Mycenaean painted Ware

1600-1200 B.C.

BRONZE; More precise  
identification to follow



KORAKOV



? Early Bronze Age

More precise  
descriptions &  
date to follow

(2)  
Dumamini - large Georgian  
Town

All excavated samples - very well  
known petrolierous

Dakuk - frag - mespolines  
north of <sup>Bagdad</sup> ~~commune~~

Noweran - - north of Bagdad

Wasut - frag - Fairly  
well known  
between Bagdad & <sup>m</sup> Bagz

O Kufa - closer to Hatra

Khebabashan - ?

Q Abdullah gives turn yellow?

C

Samara (Feb. 9, 1968)  
Complete City Jay Fuerman  
Used for <50 years

Published magnificently

Clay was near Bagdad

Bosra

2 The very yellow Bosra

~50 miles from Bagdad

Clay is very yellow

a bunch of yellow clay  
was seen in Armenia

~~Sarm~~  
~~Hypone~~ - Town just East of (25 miles)  
~~Hypone~~ Yerivan - Capital of Armenia

Chalcolithic period on  
Possibly Medieval 12-13th cent.

(1 piece maybe 14)

~~Sevan~~  
~~Lichkhardt~~ Site West end of Lake Sevan  
in Armenia

medieval

5 Hataa - Syria - West side of  
Mesopotamia - Very Famous

2 Rustavi - City in Georgia

Ran 360

C E ASK 1 Ashkalon Islamic Frierman 790 ~~705~~ dark brown glaze  
Red powder sample F-710

F ASK 2 Ashkalon Islamic Frierman 791 unglazed, cream powder sample

G ASK 3 Ashkalon Islamic Frierman 792 handle, brown powder sample

H ASK 4 Ashkalon Islamic Frierman 794 incised, light brown powder

J CSR 1 Caesaria Islamic Frierman 590 light gray powder

K CSR 2 Caesaria Islamic Frierman 591 light brown powder

M CSR 3 Caesaria Islamic Frierman 592 red powder

N CSR 4 Caesaria Islamic Frierman 593 red powder

O CSR 5 Caesaria Islamic Frierman 594 cream powder

P CSR 6 Caesaria Islamic Frierman 595 buff powder  
F-595

Q RAM 3 Ramle Islamic Frierman R3 cream fabric

S C BAS 103 Basra Islamic Frierman 103 buff powder

G P BAS 105 Basra Islamic Frierman 105 buff powder

Ron 360

C SAM 114 Samara Islamic Friernan S114 buff powder

U SAM 115 " " " S115 drab powder

V SAM 118 " " " S118 yellow powder

✓ SAM 122 X " " " S122 drab powder

X SAM 125 " " " S125 buff powder

Y WASI Wasil Islamic Friernan 176 pink powder

Oj NAH1 Nahrawan Islamic Friernan NAH202 drab powder

C

Run 361

DAQ

DAQ1 Dageg Islamic Freeman 210 Pink powder  
F-210

DAQ2 Dageg Islamic Freeman 211 Pink powder

DAQ3 Dageg Islamic Freeman 212 Buff powder

DAQ4 Dageg Islamic Freeman 213 Pink powder

DAQ5 Dageg Islamic Freeman 214 Cream powder

DAQ6 Dageg Islamic Freeman 215 Buff powder  
701E -1mL

KUF1 Kufa Islamic Freeman 150 Buff powder

KUF2 Kufa Islamic Freeman 151 Yellow powder

KUF3 Kufa Islamic Freeman 152 Pink powder

KUF4 Kufa Islamic Freeman 157 Pink powder

KUF5 Kufa Islamic Freeman 162 Yellow powder

C ~~HAB~~

~~HAB2~~

Run 361

R HAT1 Hatra Friedman 167 cream powder

S HAT2 Hatra Friedman 168 light grey powder

T HAT3 Hatra Friedman 169 light grey powder

H F HAT4 Hatra Friedman 171 cream powder

C

C

Jay Friedman

Powdered Products

January 16, 1968

Rim 370 Garni G1, G2 Cast & rock of Yerevan (35 mi)  
Chalchithon  
Pers. medieval 120-184

Kufa  
150-152, 157,  
162

Cast to Hatra

Rim 370 Lichadash L1 West end of Lake Sevan  
L3-5 in Armenia (medieval)  
L7

Kokheh abu Khsham Rim 370  
180-182

✓ Basra 102, 104, 106 Esp. yellow ones  
Shaff el-Garab (below Bagdad)

✓ Samarra (Sam.) 112, 117, 119, 121  
122, 124

Most important  
Very Farming

Most important  
Early Islamic Sito.  
Syria - west side of Mesopotamia  
whilst exists.  
Salo antiqu.

Near Bagdad

Sam 122 X  
125  
114  
118  
115  
Rim 360

Sam 117  
119  
121  
122  
124 } Rim 230 (149)

Rim 361 Hatra 167-169  
171

Rim 371 Rustavi (Rus.) 72, 75, 80,  
83, 88, 91

Georgia north of Tbilissi?

Mesopotamia  
Bagdad

Samarra  
Bosra

Hatra Betw rivers  
SW. of Mosul Some

Rim 371 Tbilissi (Tbl.) 220-225

Wasit?

Kufa On Tigris, 75 mi due  
S of Baghdad

Rim 361 Daquq 210-217

Dog (north)

Nahwaran N. Bagdad

Rim 160 Nahwaran (Nah.) 200-202  
Rim 360

North Bagdad

Daqqa  
Is this Dahuk?

Rim 160 Wasit 176  
(Was) Below Bagdad & Mosul

Sep 25, 1968

Tall with jar

What are shells for?

What is black thing

1000 BC  
800-1000 BC Part II

What is fragment.  
No symphony.

Are 4 Shards

Late Siilk II Black on red paste

Can we label them

Jamshabad, near Teheran equivalent of Siilk II

~ 150 miles away from Kashmali

entirely different geologic  
process - Holocene  
and Holomioocene  
unpublished

What do we know about them

a few miles from Kashmali

alluvial plain

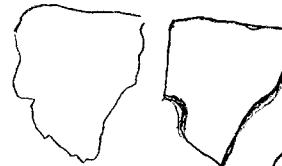
Fits in well with Tigray  
& Tepe Hesar

How about Mexican piece

from Teotihuacan

We have figures marked Tula

Whit and



Mrs. Blosser got  
them from excavator on  
site - Rothen

Black on red paste  
in Holocene - right near surface -  
Siilk II - 60 m 30 meters deep - Tigray at Siilk

DTB  
Shards

Teote

Teotihuacan

~~Itochuan~~

The largest ceremonial site Mexico

Excavated - very violent

GRIECK - BERN

3/68

Brill

### POTTERY FROM CORINTH

Samples from meeting with R. Scranton and F. Matson, Feb. 1968. Samples are coded here only with Matson's numbers. For further data see notes prepared at that meeting.

CRTH 64 P-236

65 P-245

66 P-246

P-702

67 { P-757 }

68 { P-758 }

69 { P-759 }

70 { P-760 }

71 { P-761 }

72 { P-762 }

73 { W-1446 }

74 { W-1497 }

75 { W-1498 }

76 { W-1505 }

77 { W-1507 }

78 { W-1508 }

C-39

"Blister Ware"

"Blister Ware"

Slag from Terra Cotta Kiln, Aug. 10, 1960

S-3~~st~~ cent. B.C.

Corinth; "late".

"Early Neolithic"

Black Glazed

Black Glazed

Raw Clay from Peirene

*All Corinth  
~ same date as Kishdrum*

### POTTERY FROM LORENZO KILN

L 20 - 9 P-668

L 20 - 7 P-673

L 20 - 8 P-674

L 20 - 5 C-63

L 20 - 4 C-64

L 20 - 3 C-65

L 20 - 2 C-66

L 20 - 6 C-67

L 20 - 1 C-68

Firing Chamber Arch

Roof Tile

Roof Tile

Sandy gray clay at 20 cm. depth

Hard gray clay at 45 cm. depth

Fine black clay at 65 cm. depth

Brown clay at 80-90 cm. depth

Sea bottom clay (Stratum beneath the brown clay)

Blue Clay (The sea-deposited clay in the B stoking chamber.)

AF samples unwashed + fired

BF " washed + fired

A

# Firing of Toenze Kiln clays

Blue Clay C-68 Ground & put thru 80 mesh screen

One portion washed twice with dist water + centrifuged,  
dried at 110°

Other portion unwashed

		Dried 1 hr 110°C	Fired 750° 1 hr	Wgt. loss in firing
Unwashed	Cruc. + sample	7.5852	7.5756	7.5022
	Crucible	7.2506	7.2506	7.2506
		<u>.3346</u>	<u>.3250</u>	<u>.2526</u>
			2.9% loss	22.3%
Washed	Cruc. + sample	7.6588	7.6539	7.5782
	Crucible	7.3214	7.3214	7.3214
		<u>.3374</u>	<u>.3325</u>	<u>.2568</u>
				22.7%

## Drying

Drying Blue Clay C-68 at 175° C

	1 Unheated	175° 1 hr	175° (40 hrs)
Unwashed	Cruc + sample	9.9983	9.8938
LZO-1A	Crucible ①	<u>7.3215</u>	<u>7.3215</u>
		<u>2.6568</u>	<u>2.5723</u>
			3.5% loss

Drying Brown Clay C-66 at 175° all in at 2<sup>35</sup> Aet Dec 8

LZO-2A	Cruc + sample	10.9405	10.8652
	Crucible ②	<u>7.2512</u>	<u>7.2512</u>
		<u>3.6893</u>	<u>3.6140</u>
			2.3% loss

Drying Fine Black Clay C-65

LZO-3A	Crucible ③	11.1314	11.0082
		<u>6.6926</u>	<u>6.6926</u>
		<u>4.4388</u>	<u>4.3156</u>
			2.8% loss

Drying Hard Gray Clay C-64

LZ0-4A  
LZ0

	10,769.0	10,678.7
Crucible ④	7,275.3	7,275.3
	3,493.7	3,403.4

2.6% loss

Drying Sandy Gray Clay C-63

LZ0-5A

cruc. + clay	10.1826	10.1560
Crucible ⑤	7.1095	7.1085
	3.0731	3.0475

0.7% loss

Drying Sea Bottom Clay C-67

LZ0-6A

cruc+clay	10.7237	10.6653
crucible ⑥	7.3963	7.3963
	3.3274	3.2690

1.8% loss

# Firing Forenzic Cloys

LZO 2AF	before		after		24.5% wgt loss
	cruc + sample	cruc	cruc + sample	cruc	
	7.7623 7.2562	<u>7.2562</u>	7.6382 7.2562	<u>7.2562</u>	.3820

LZO 3AF	cruc + sample cruc ③	7.3950 6.6974	cruc + sample cruc ③	7.2380 6.6974	22.5% wgt loss
		<u>.6976</u>		<u>.5406</u>	

LZO 4AF	cruc + sample cruc ④	7.8067 7.2794	cruc + sample cruc ④	7.6824 7.2794	23.6% wgt loss
		<u>.5273</u>		<u>.4030</u>	

LZO - 5AF	cruc + sample cruc ⑤	7.6626 7.1142	cruc + sample cruc ⑤	7.4983 7.1142	30.0% wgt loss
		<u>.5484</u>		<u>.3841</u>	

LZO - 6AF	cruc + sample cruc ⑥	7.9686 7.4013	cruc + sample cruc ⑥	7.8243 7.4013	25.4% wgt loss
		<u>.5673</u>		<u>.4230</u>	

# Firing Lorenzo Clays

LZO 2BF ave + sample 7.7649  
cruce ① 7.2509  
,5140

dried then  
① 175°  
ave + sample 7.7617  
cruce ② 7.2509  
.5108

fired 750°  
1 hr  
ave + sample 7.6839  
cruce ② 7.2509  
.4330 15.2%

LZO 3BF 7.8897  
7.3962  
,4935

7.8838  
7.3962  
.4876

LZO 4BF 7.2284  
6.6925  
.5359  
405

7.2219  
6.6925  
.5294

18.3%

LZO 5BF 7.7823  
7.2747  
,5076

7.7803  
7.2747  
.5056

26.6%

LZO 6BF 7.6155  
7.1093  
,5062

7.6117  
7.1093  
.5024

24.4%

Wed Dec 18, 1968

## Refining of worked clays

LZO-2BF, 3BF, 4BF showed unusually low weight losses possibly due to lack of decompr. of  $\text{CaCO}_3$ . These were probably near the furnace door. These are being refined at  $800^\circ$  & well back in furnace

LZO-2BF	cruc + sample	7.6892	7.6402
	cruc ⑤	<u>7.2510</u>	<u>7.2510</u>
		<u>.4382</u>	<u>.3892</u>

corresp to 24.3% overall wgt loss

LZO-3BF	cruc + sample	7.8264	7.7620
	cruc ③	<u>7.4008</u>	<u>7.4008</u>
		<u>.4256</u>	<u>.3612</u>

corresp to 38.6% wgt loss

LZO-4BF	cruc + sample	7.1367	7.1037
	cruc ④	<u>6.6974</u>	<u>6.6974</u>
		<u>.4343</u>	<u>.4053</u>

corresp to 33.1% wgt loss  
overall

L20-7 Ground up part of P-673

L20-8 Grinding P-674

L20-9 Ground entire sample P-668

Very crumbly - does not appear to have been  
fired

3/68 Bredt

POTTERY FROM GORDION  
(From R. Young; 1957)

- G 12 - Black-polished Phrygian, reeded; 6th-5th C.B.C. (MU 54-40-46)  
 G 19 - Black-polished Phrygian, bowl or saucer; 6th to 3rd C.B.C.  
           (MU 54-40-58)  
 G 21 - Phrygian painted, wing; 8th-7th C.B.C. (MU 54-40-82)  
 G 27 - Painted Hellenistic; 4th-3rd C.B.C.  
 G 29 - Lydian marbled ware; 6th-5th C.B.C. (MU 54-40-114)  
 G 30 - Phrygian Geometric; 8th-7th C.B.C.  
 G 37 - Red-polished spout; Hittite  
 G 44 - Coarse local cooking ware; undated.  
 G 45 - White-slipped ware; Hittite (MU 54-40-9)  
 G 47 - White-banded; Lydian? - 6th-5th C.B.C.  
 G 49 - Phrygian Bichrome; 7th-6th C.B.C.  
 G 51 - Burnished Grey Ware; undated (it exists at least from 8th to  
           3rd C.B.C.)
- 

POTTERY FROM SARDIS

Three Lydian sherds with painted designs representative of typical ware of the 6th c. B.C. from David Mitten, March 30, 1964. His descriptions of samples are as follows:

The sherd with handle is part of a skyphos or drinking cup, slightly warped in firing, and shows on the interior the streaked slightly metallic kind of paint we find on a great deal of Lydian pottery.

The sherd with wave-line may be the rim of a large crater or hydria. It seems to have a streaked reddish slip on the top of the rim on the inside and perhaps a buff slip under the dark wave-line.

The third sherd is probably from the shoulder of a similar large jug with globular body. You can see a trace of white paint below a band of darker streaked glaze framed by thin black lines, and then a portion of those characteristic ornaments which we call hanging spaghetti or pendant hooks.

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POTTERY FROM GREECE  
ATHENS

- ATH 1 49-32-25 Protogeometric, 11-10 C.B.C. (Oxygen O-22)  
 2 49-32-44 Geometric, 8 C.B.C.  
 3 49-32-47 Orientalizing (Protoattic), 7th C.B.C.  
 4 49-32-61 Black-figure, 6th C.B.C.  
 5 49-32-89 Red-figure, 5th C.B.C. (Oxygen O-23) — 49-32-69 ? sherd  
 6 49-32-114 Krater frag., probably 4th C.B.C.  
 7 49-32-152 Megarian bowl frag., 3rd C.B.C.  
 8 49-32-142 West Slope Ware, 2nd C.B.C.  
 9 49-32-167 Early Roman ware, 1st C.B.C. - 1st C.A.D.  
 10 49-32-170 Roman, 2nd-3rd C.A.D.

3/68

Brill

POTTERY FROM GREECE  
LAURION

Collected by RHB, 8/64 in valley to south east of deserted 19th cent. village. Typical 5th cent. B.C. pottery, as described by E. Vanderpool.

1. Large handle of large vessel.
  2. Small handle of vessel with traces of black paint on interior.
  3. Base of large vessel.
- 

POTTERY FROM CORINTH

CRT/H 63 49-32-69 Corinth; decadent Corinthian Ware, 6th C.B.C.

---

MISCELLANEOUS

49-32-11 Aegina - Matt-painted ware, Middle Bronze Age.

omit {  
5686-7 Thessaly  
5686-17 Early Bronze Age.

---

MISCELLANEOUS

ELAM 2 Faience Mold - El-Amarana, XVIII Dyn. (Oxygen O-25)

Petra & Jericho

3 frag. Nabataean painted ware: Petra 1st c. B.C. - 1st c. A.D. (10 B.C.-70 A.D.)

2 (large) frag. Jericho (Tell es Sultan) Early Bronze Age (2900-2700 B.C.)

OSTIA

Group of sherds from Ostia. Sent by Prof. Scranton, 3/68.

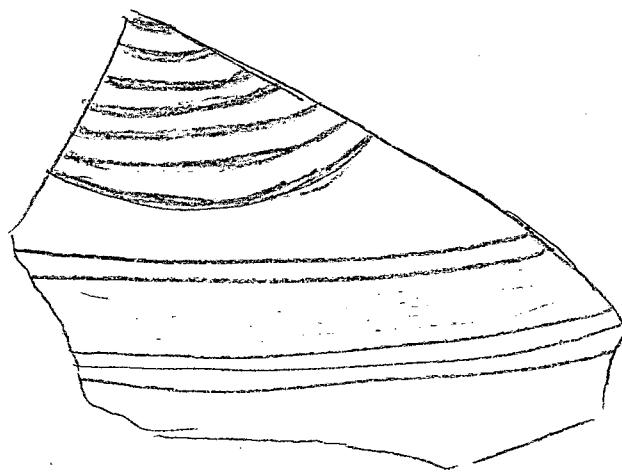
MENIDES, EGYPT

P-763 Mixed fill, probably late  
P-764 Mixed fill, probably late

RHB/pep  
March, 1968

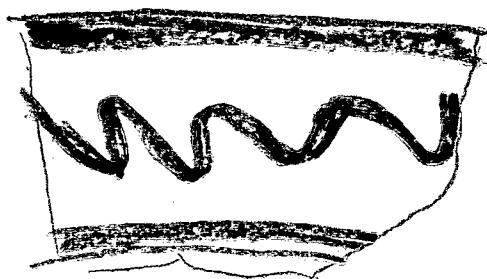
Sardis, Turkey  
Lydian, 6<sup>th</sup> Cent. B.C.

1 -

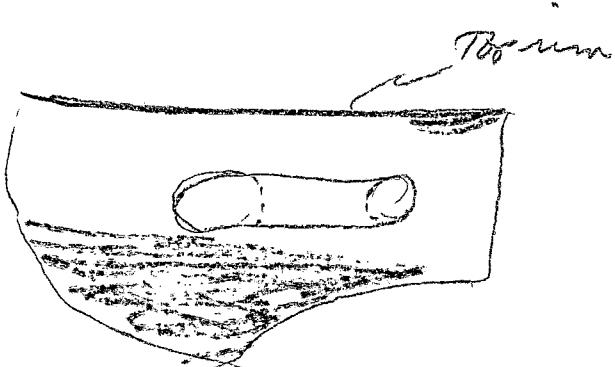
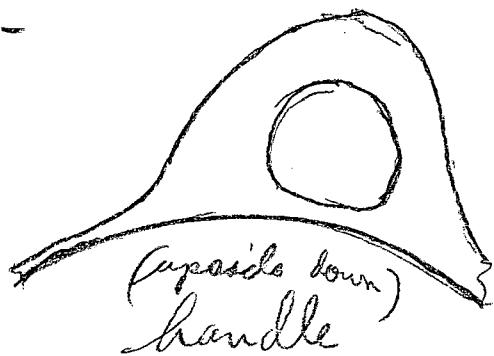


O-18

2 -



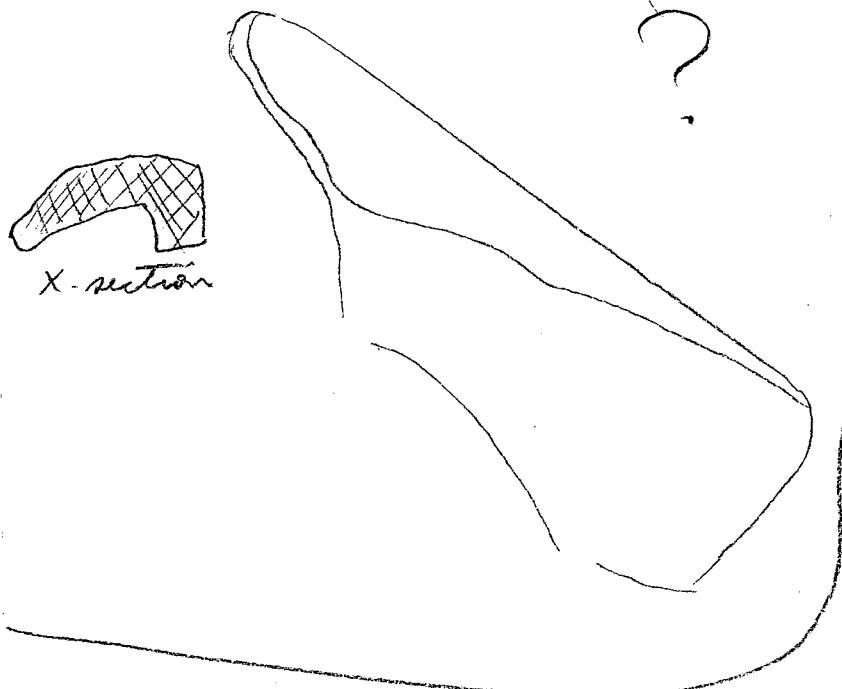
3 -



From Phil Hammond, Princeton Theol. Sem.

4/64

4 -



JER-22

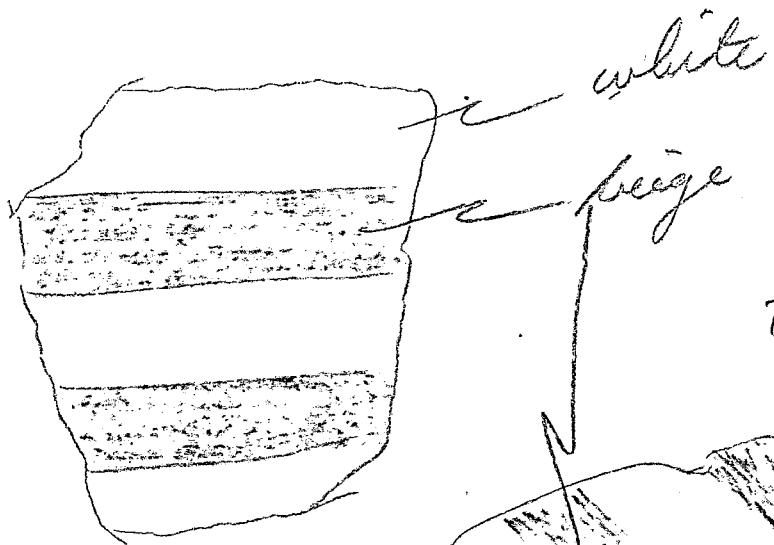
2 large fragments  
from Jericho

(Tell-es-Sultan)

Early bronze age

2900 - 2700 B.C.

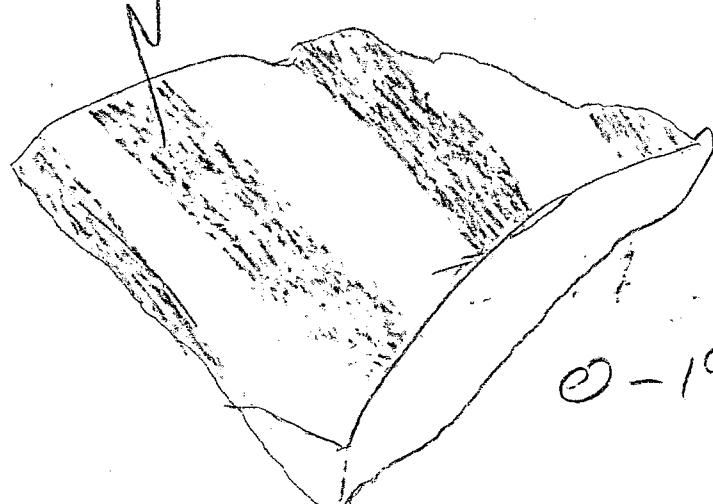
5 -



JER-23

Tell es-Sultan  
EB

6 -

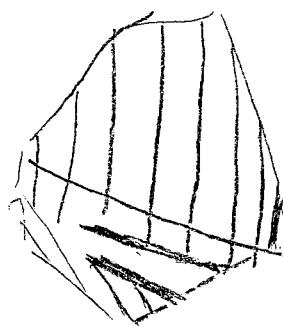


From Phil Hammond, Princeton Theol. Sem.

4/1964

Petra - 1<sup>st</sup> c. B.C. - 1<sup>st</sup> c. A.D.  
10 B.C. → 70 A.D.

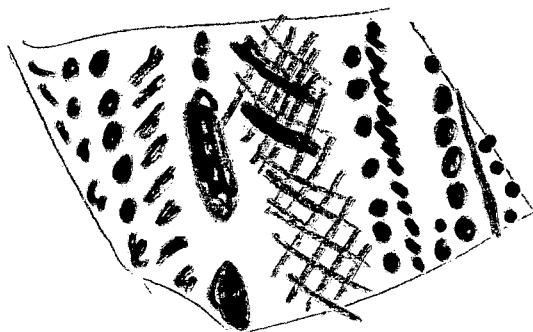
1-



Nabataean  
painted ware

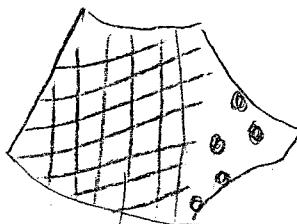
3 fragments  
NABT-1

2-



NABT-2

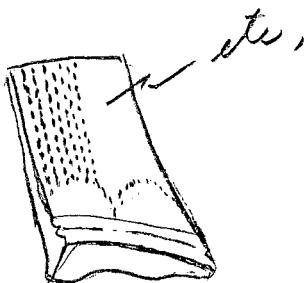
3 -



O-20  
NABT-3

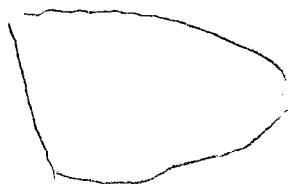
From Greece, Athens, (R. Bill)

49-32-167



Early Roman ware,  
1<sup>st</sup> c. B.C. -  
1st c. A.D.

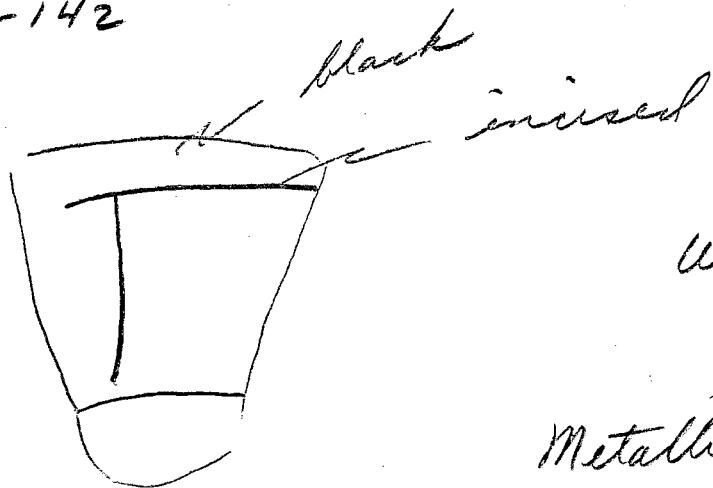
49-32-170



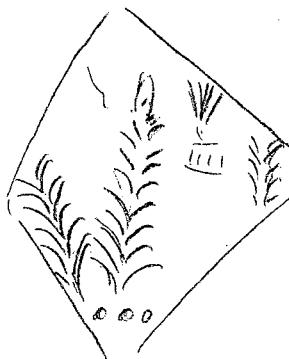
Roman, 2<sup>nd</sup> - 3<sup>rd</sup> c. A.D.

From Greece; Athens R. Bill

49-32-142



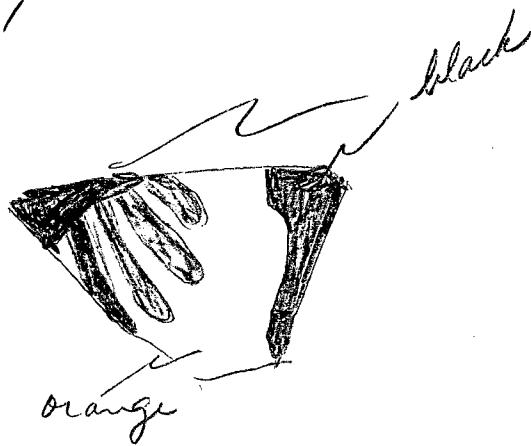
49-32-152



Megarian bowl  
fragment;  
3rd c. B.C.

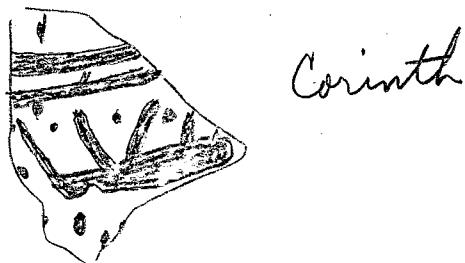
From Greece; Athens R. Bill

49-32-61



black inside  
Black-figure,  
6<sup>th</sup> C. B.C.

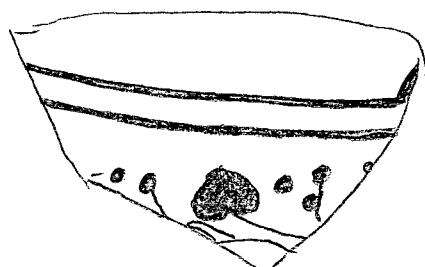
49-32-69 (sherd is labeled)



? description

{ 49-32-89 - red figure  
5<sup>th</sup> C. B.C (approx 23)

49-32-114

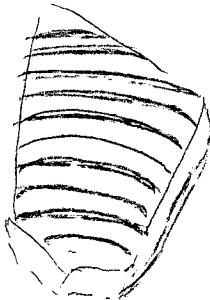


black interior  
Krater fragment,  
probably 4<sup>th</sup> C. B.C.

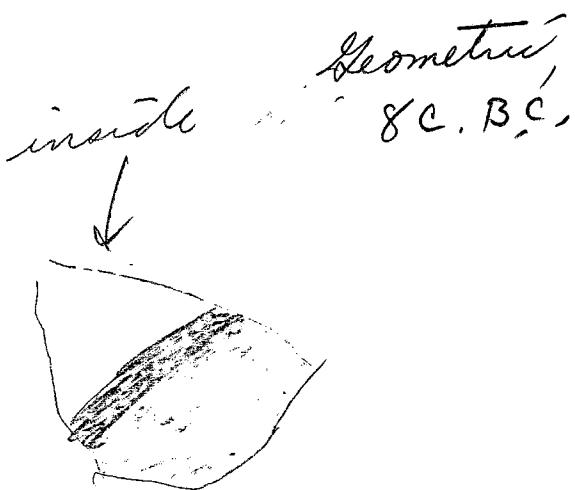
From Greece; Athens (a. built)

C 49-32-25 oxygen O-22

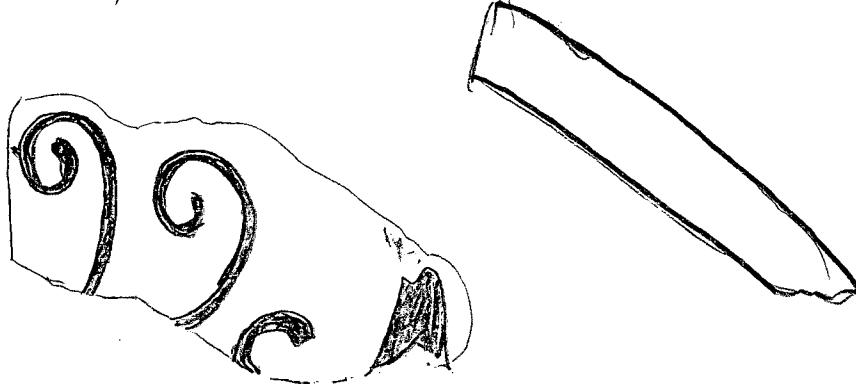
Protogeometric  
11-10 C. B.C.



49-32-44



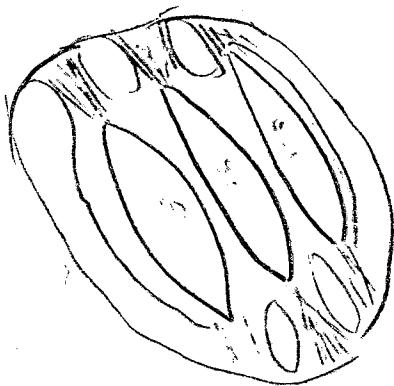
49-32-47



Orientalizing  
(Protoattic),  
7th C. B.C.

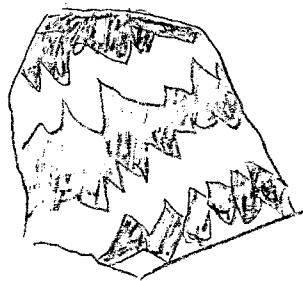
C ELAM-2

Faience Mold  
El-Amarna, XVIII Dyn.  
(Oxygen O-25)



Thessaly

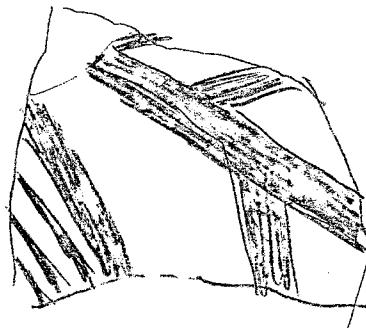
M S - 686 - 7



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M S - 5686 - 17

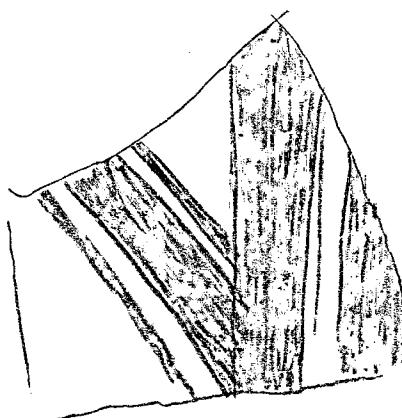
Early Bronze age



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49 - 32 - 11

Aegina - Matt painted ware,  
Middle Bronze age.

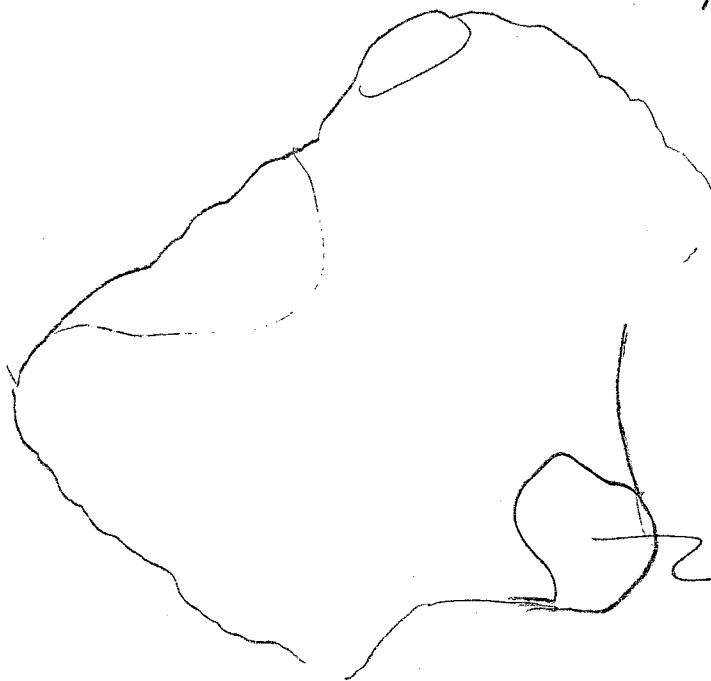


Gordion R. Bill  
(R. Young 1957)

C

6-44

MU - 54-40-79

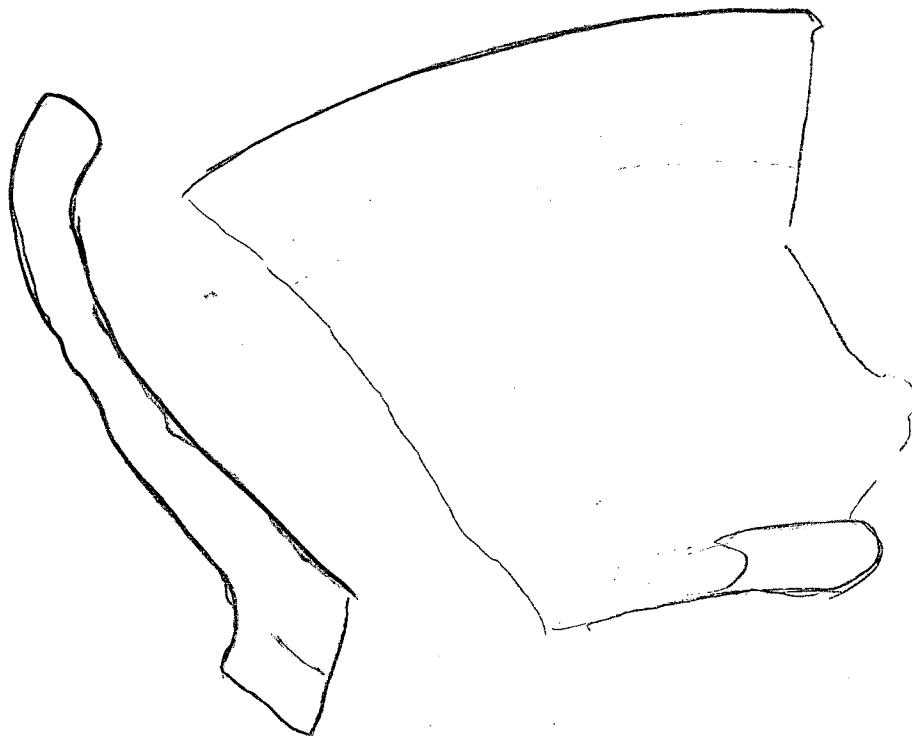


Coarse local  
cooking ware;  
undated

handle

C

6-51



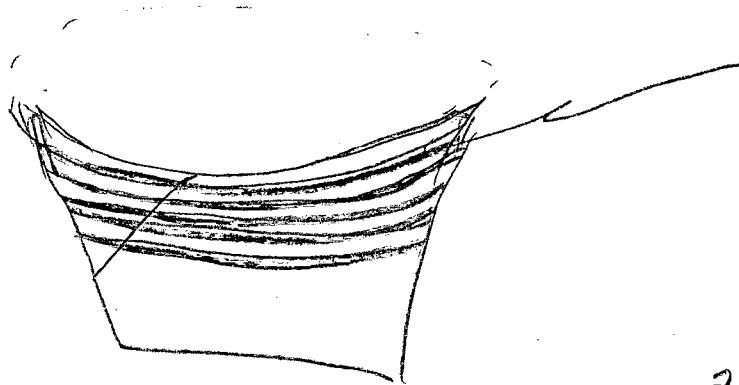
Burnished grey  
ware; undated  
(it exists at least  
from the 8<sup>th</sup> to 3<sup>rd</sup>  
C.B.C.)

2 large fragments  
& 4 small pieces.

G-47

Gordon  
(from R. Young 1957)

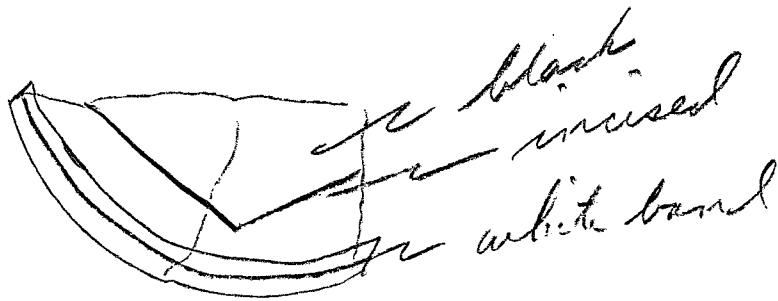
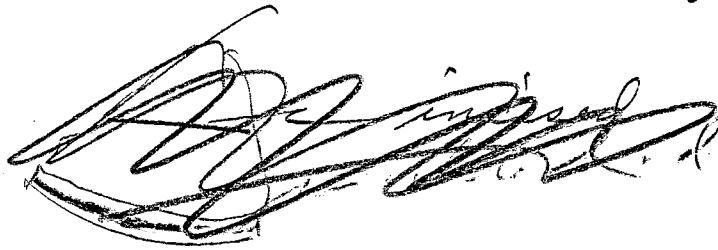
R. Bill



White-banded;  
Lydian?

6<sup>th</sup> - 5<sup>th</sup> C. B.C.

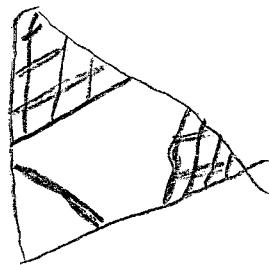
4 fragments  
2 sets - 2 matching



black  
incised

white band

G-49



Phrygian Bichrome;

7<sup>th</sup> - 6<sup>th</sup> C. B.C.

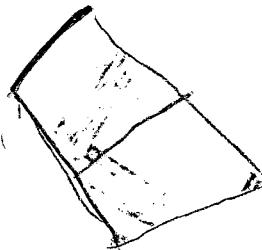
Gordion

R. Bill

(from R. Young 1957)

C

G - 30

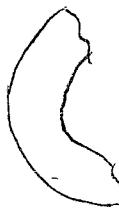


2 matching fragments

Phrygian Geometric;  
 $8^{\text{th}}$  -  $7^{\text{th}}$  C. B.C.

C

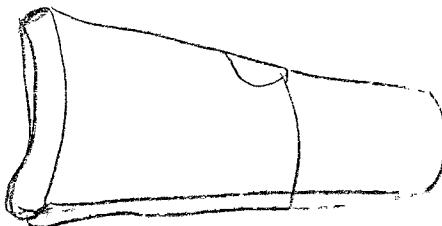
G - 37



4 fragments

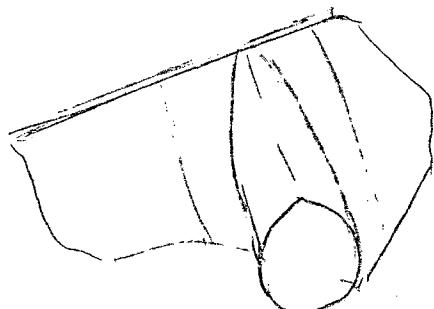
3 matching  
1 odd.

Red-polished spoon;  
Hittite



G - 45

MU 54-40-9



w white-slippered ware;  
Hittite

Mendes, Egypt

F R Matson

1965

Mixed fill, probably late

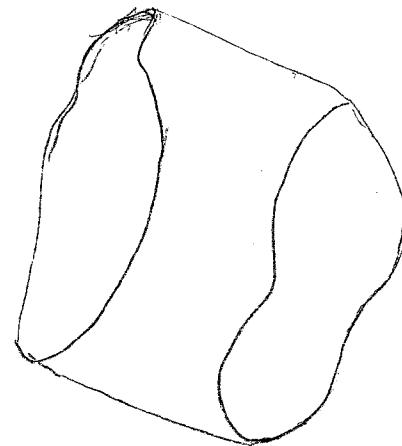
P - 763

P - 764

Laurion

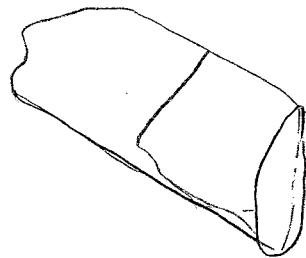
R. Brill

# 1



large handle & large  
vessel.

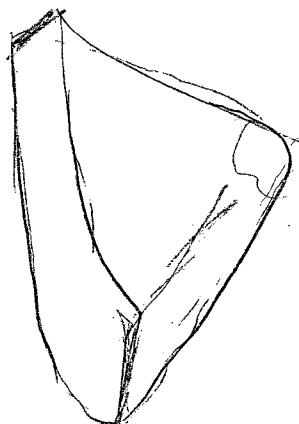
# 2



6 pieces fragments  
(matching)

cylindrical  
small handle vessel  
with traces of black paint  
on interior

# 3



base of large vessel.

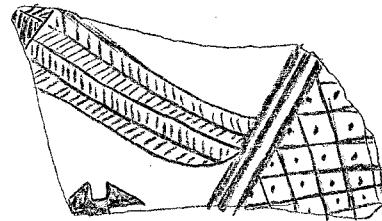
Gordion

R. Brill

(R. Young 1957)

G-21

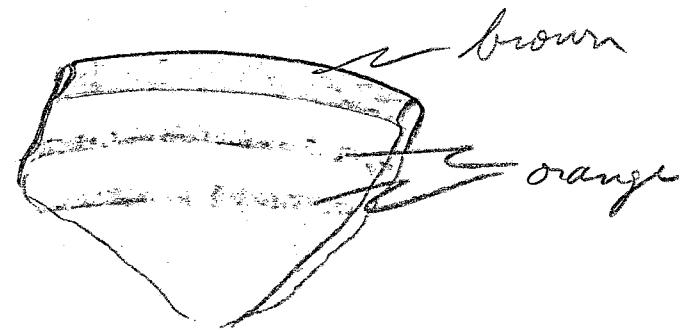
MU 54-40-82



Phrygian painted,  
wing; 8<sup>th</sup> - 7<sup>th</sup>  
cent. B.C.

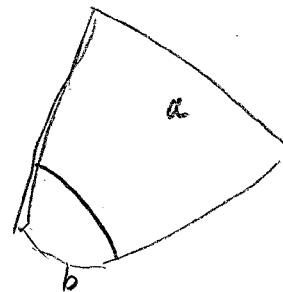
G-27

Painted Hellenistic;  
4<sup>th</sup> - 3<sup>rd</sup> C. B.C.



G-29

MU 54-40-114



2 fragments a + b  
glued together

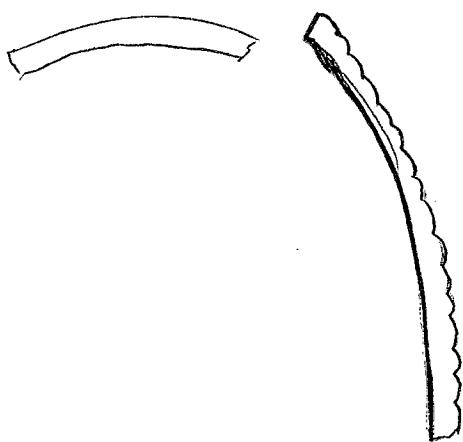
white exterior

Lydian Marbleware  
6 - 5<sup>th</sup> C. B.C.

Gordon  
(R. Young 1957)

R. Bill

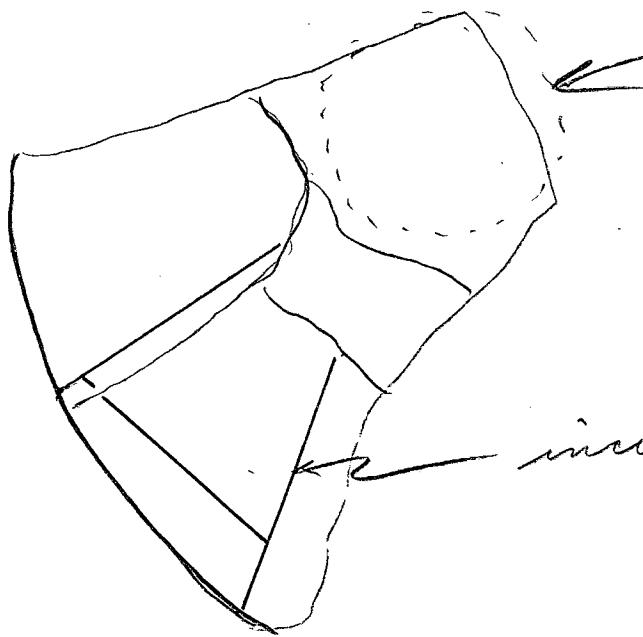
C 6-12 MU 54-40-46



Black-polished Phrygian,  
reeded; 6<sup>th</sup>-5<sup>th</sup> C.B.C.

6-19 MU 54-40-58

4 fragments



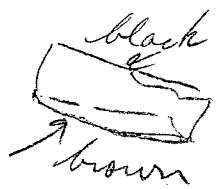
saucer - small base  
on under side

incised lines

Black-polished Phrygian;  
bowl or saucer;  
6<sup>th</sup> to 3<sup>rd</sup> C.B.C.

Corinth  
FR Matson

W - 1446



speckled white

W - 1497

speckled white

W - 1498

"Early Neolithic"

W - 1505

black on one side

W - 1507

black glazed  
both sides

W - 1508

black glazed  
both sides

Corinth

FR Matson

C

P-702

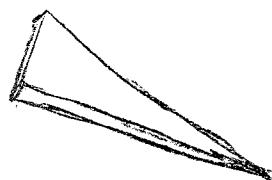
Slag from Terra Cotta kiln

Aug 10, 1960

P-757



P-758



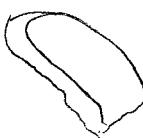
greenish

C

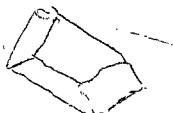
P-759



P-760

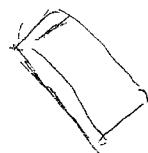


P-761



C

P-762



2 matching fragments

Corinth  
F.R. Matson

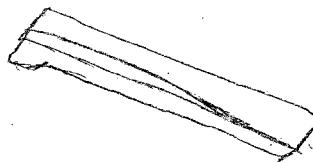
P-236



speckled white  
red core  
brown exterior

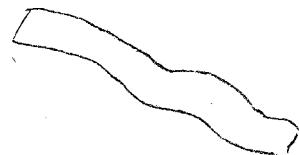
P-245

"Blisters ware"



P-246

"Blisters ware"



speckled (light)

Corinth

F.R. Matson

C - 39

Raw clay from Peirene

Lorenzo Kiln - Grease  
from F.R. Matson

C

C-63

landy gray clay  
at 20 cm. depth

C-64 Hard. gray clay @ 45cm. depth

C-65 fine black clay @ 65cm. depth

C

C-66 Brown clay @ 80-90 cm depth

C-67 sea bottom clay (stratum  
beneath the brown clay).

C

C-68 Blue clay  
(The sea-deposited clay in  
the (B) stoking chamber.

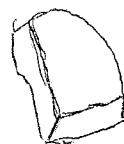
Lorenzo Kiln - Greece  
F.R. Matson

P-668

Firing chamber arch

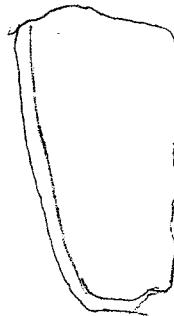
P-673

Roof tile



P-674

Roof tile



Material: surface finds at Abousir collected by  
 — — . Abousir 30 miles west of Alexandria.

mark on sherd

very hard	Absou 1'	Roman red ware (N. Africa Class)	①
"	2'	"	⑫
"	3'	"	⑬
soft	4'	Roman coarse ware (?)	⑭
border	5'	"	⑮
soft slip	6'	Pergamum red ware	⑯
soft slip	7'	"	⑰
hard slip	8'	Pergamum red ware (?)	⑱
soft slip	9'	"	⑲
	10'	Egyptian red ware (?)	⑳
	11'	Redware undecorated (red body)	㉑
C	12'	"	㉒
	13'	"	㉓
	14'	Redware undecorated (cream body)	㉔
	15'	"	㉕
	16'	Decorated ware (late)	㉖
	17'	Glossed ware (late)	㉗
	18'	"	㉘
Cen F(B)✓		New drilling from tile of Run 139 (Can66F)	
Cen I(B)✓		" (Can66I)	

4 samples of doped old pottery

Abouséir

- (1) (17) is part of (2) } Roman N. Afr.  
 (3) (17) is part of (3) }  
  
 (12) } Roman coarseware  
 (13) }  
  
 (5) (4) is part of (5) } Pergamon redware  
 (6) } certain  
  
 (7) } Pergamon redware  
 (8) } uncertain  
  
 (11) ) Samian uncertain  
  
 (14) }  
 (16) }  
 (24) } Redware unclassified  
 (26) }  
 (3) }  
  
 (33) } unclassified decorated  
 (34) } glazed unclassified  
 (35) } glazed unclassified

K66F

K66 I

Abousir, 29½ miles W. of Alexandria, Egypt ( $30^{\circ}52'N$ ,  $29^{\circ}32'E$ ).

Roman "Red Ware" (*N. African Class*)

(1)

(2)

(3)

Pergamene "Red Ware" (*Cistern*)

(4)

(5)

(6)

Pergamene "Red Ware" (*Quire*)

(7)

(8)

(9)

"Ware"

(10)

Samian "Red Ware" (*Quire*)

(11)

Roman "Coarse ware" (*Quire*)

(12)

(13)

Roman "Red Ware" (*unclassified*)

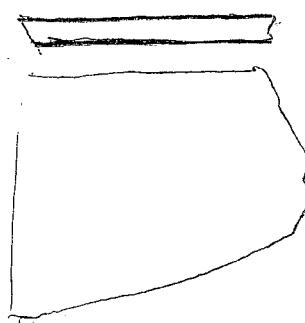
(9) thin

(32)

# Abousir

ABOU-1

169 - E

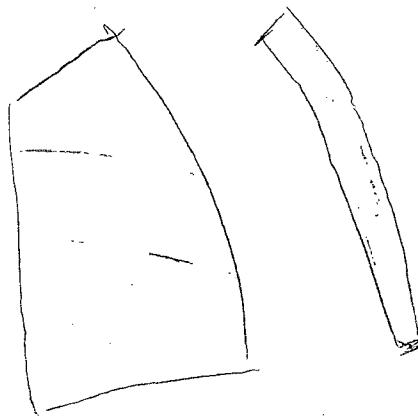


①

Roman N. African  
"red ware"

ABOU-2

169 - F

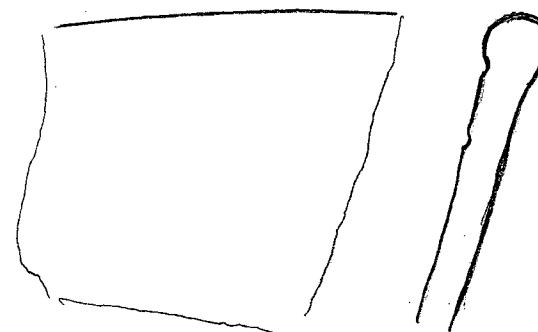


②

red clay  
Roman redware  
unclassified

ABOU-3

169 - G

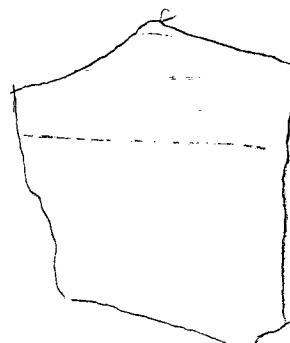


③

"red ware"  
Roman  
N. African

ABOU-4

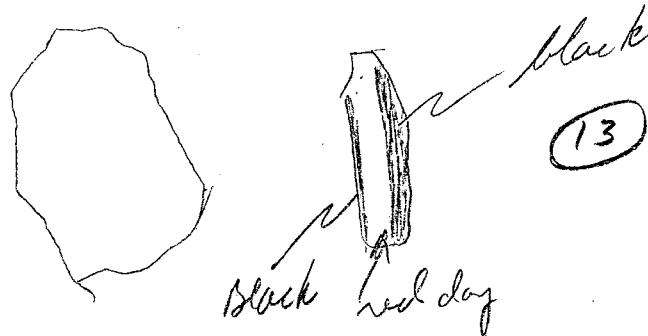
169 - A



④

red clay  
black core  
Roman  
"coarse ware"  
(Queric)

ABOU-5

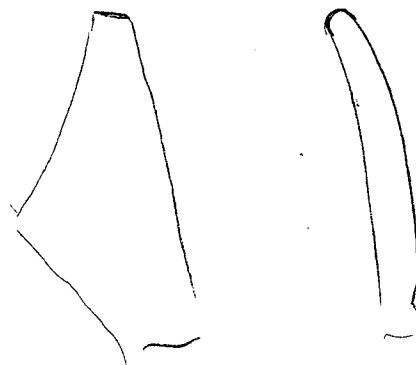


(13)

Roman  
"coarse ware"  
Querie

ABOU-6

169-K



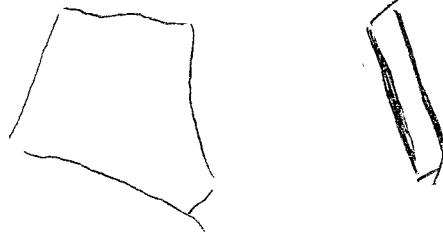
(5)

buff clay  
red slip

Pergamene  
"Red ware"  
(---tarn)

ABOU-7

169-M



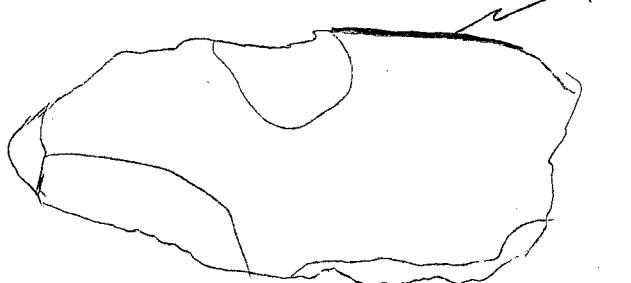
(6)

orange clay

Pergamene  
"Red ware"  
(---tarn)

ABOU-8

169-N



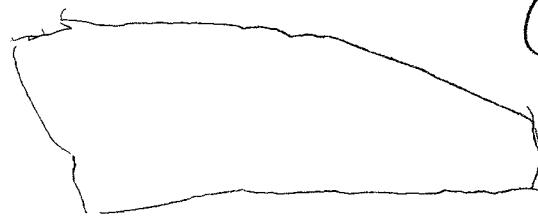
(7)

orange clay  
red slip

Pergamene  
"red ware"  
(Querie)

ABOU - 9

169-O



(8)

red slip

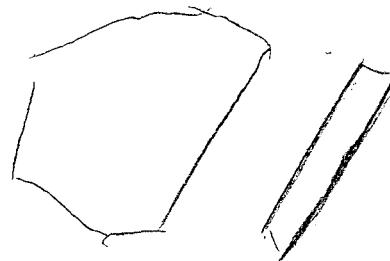
Pergamene

"Red ware"

(Querie)

ABOU - 10

169-P



(11)

red clay

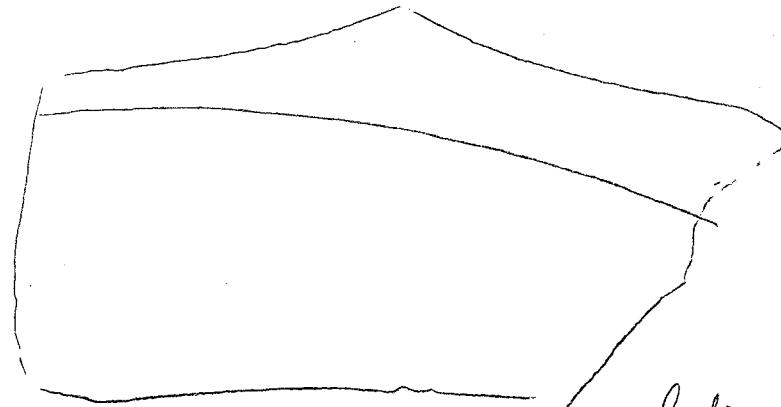
red slip

Larnian "Red ware"

(Querie)

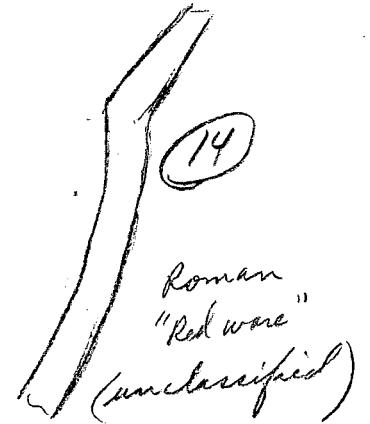
ABOU - 11

169-Q



(14)

red clay  
red slip

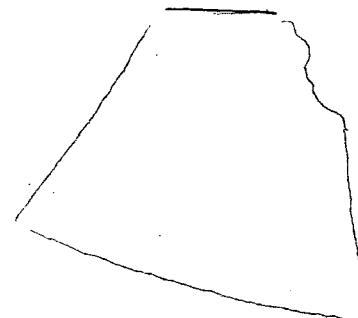


Roman  
"Red ware"

(unclassified)

ABOU - 12

169-R



(16)

red slip

red clay

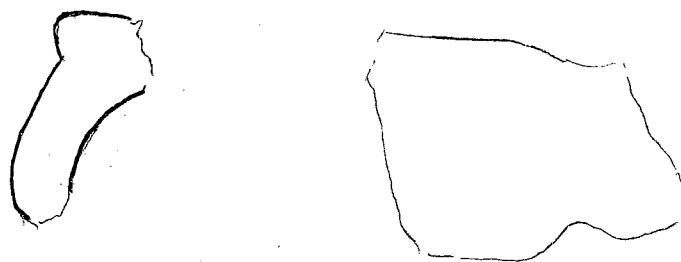
Roman  
"redware"

(unclassified)



ABOU-13

169-S

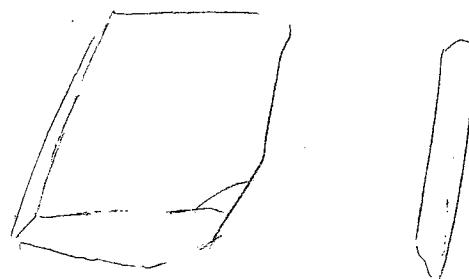


(26)

Roman  
"red ware"  
(unclassified)

ABOU-14

169-T



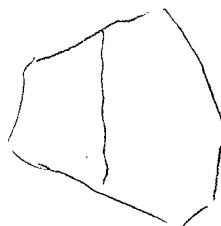
(20)

red slig  
buff body  
Roman  
"red ware"  
(unclassified)

ABOU-15

169-U

fractured  
while drilling

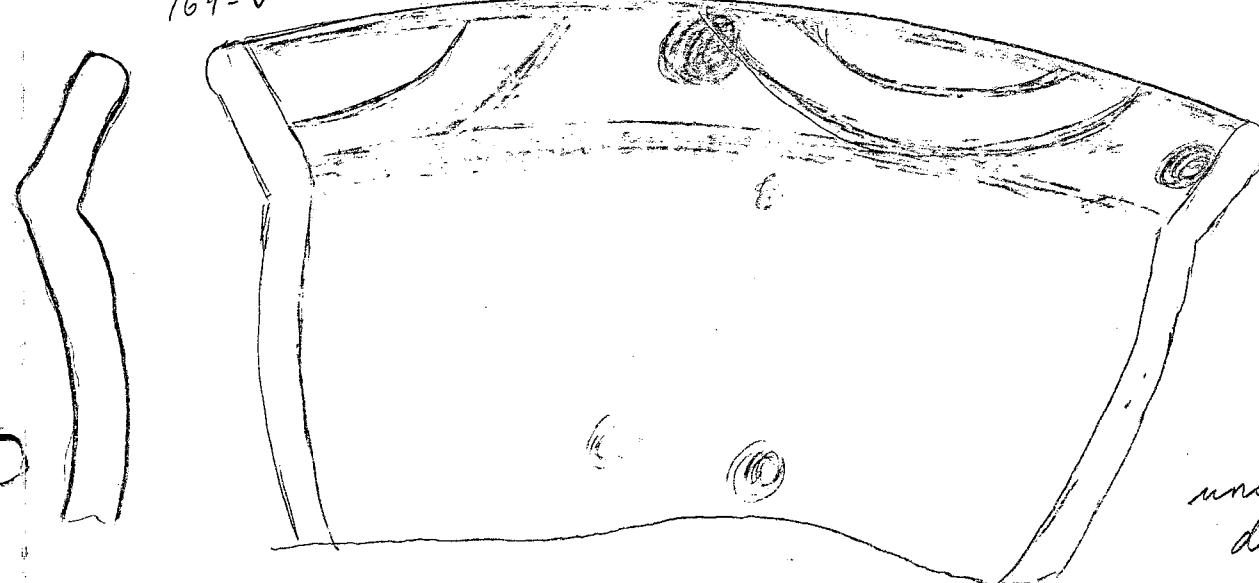


(31)

buff body  
red slig  
Roman  
"red ware"  
(unclassified)

ABOU-16

169-V



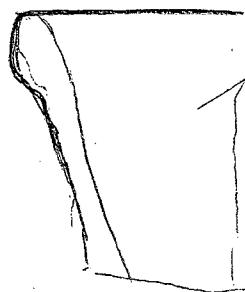
(33)

red +  
black  
decoration

unclassified  
decorated

ABOU - 17

169-W



in glaze



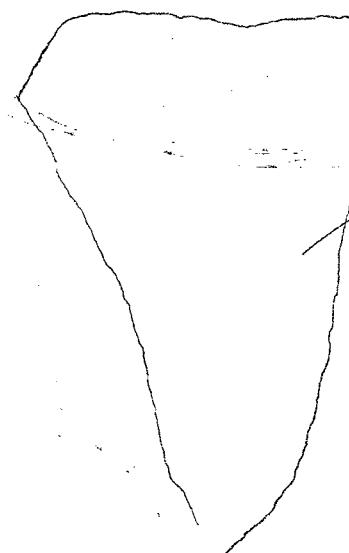
(34)

outside  
glazed

red clay  
unclassified

ABOU-18

169-X



brown  
glaze



(35)

orange clay  
glazed  
unclassified

ENTRANCE

- 8 MTS
- ETN 1      Philistine bowl, Tomb C1 17-27  
ETN 2      juglet Tell Eitun Tomb C1 18-6  
ETN 3      Philistine bowl Tell Eitun Tomb C1 13-13  
ETN 4      Mycenaean style Tell Eitun Tomb C1 6-1 or 16-1  
ETN 5      "      "      Tell Eitun Tomb C1 11-14  
ETN 6      Philistine shard Tell Eitun Tomb C1 18-10  
ETN 7      "      "      "      "      13-24  
ETN 8      "      "      "      "      20-30  
ETN 9      "      "      "      "      20-31  
ETN 10      Cypriote juglet Tell Eitun Tomb C1 13-3  
ETN 11      Cypriote juglet BR style Tell Eitun Tomb B1 110  
ETN 12      Mycenaean style Tell Eitun Tomb B1 135  
ETN 13      Tell Eitun (identification garbled) Tomb B1 (dark paste)  
ETN 14      "      "      "      "      " (pink paste)  
ETN 15      Pilgrim flask Dayan Collection with animal face  
                Dayan Collection (provenance unknown) Museum  
                number to be supplied.  
ETN 16      small pot animal face Tell Eitun CIII 252-1  
ETN 17      Large Philistine jar Dayan Collection (provenance unknown)  
                Museum number to be supplied  
ETN 18      (over)

ETN 18 Figurine <sup>MO W.R.</sup> morning woman Dayan Collection

Provenance unknown Museum number to be supplied

Ex coll. Mr. T. G. D. Smith, M.A., F.R.A.S.

Other Figurines of the Dayan Collection

ETN 19 Figurine of a woman standing. Painted

ETN 20 Figurine of a woman standing. Painted

ETN 21 Figurine of a woman standing. Painted

ETN 22 Figurine of a woman standing. Painted

ETN 23 Figurine of a woman standing. Painted

ETN 24 Figurine of a woman standing. Painted

ETN 25 Figurine of a woman standing. Painted

ETN 26 Figurine of a woman standing. Painted

ETN 27 Figurine of a woman standing. Painted

ETN 28 Figurine of a woman standing. Painted

ETN 29 Figurine of a woman standing. Painted

ETN 30 Figurine of a woman standing. Painted

ETN 31 Figurine of a woman standing. Painted

ETN 32 Figurine of a woman standing. Painted

ETN 33 Figurine of a woman standing. Painted

ETN 34 Figurine of a woman standing. Painted

ETN 35 Figurine of a woman standing. Painted

ETN 36 Figurine of a woman standing. Painted

ETN 37 Figurine of a woman standing. Painted

ETN 38 Figurine of a woman standing. Painted

ETN 39 Figurine of a woman standing. Painted

ETN 40 Figurine of a woman standing. Painted

ARAD

X

ARD 1

Tell Arad Egyptian style jar EB 4700-2

	Our No.	Anion No.	Descript.
A	ARD 2 3 4 5 ✓ 6	1 2 3 4 5	Coarse grains, calcs-limp., low-fine (hole mouth jars - EB II)
B	7 8 9 81 mg. 10 87 mg. 58 mg 11	6 7 8 9 10	Fine grain, silty, quartz temp. Red burns. EB II
C	12 13 14 60 mg 15 70 mg 32 mg 16 17	11 12 13 14 15 16	Med-coarse grained, sherd temp. Stor-jars - EB II
D	18 19 20 21 22 ✓	17 18 19 20 21	Fine carbons temp stor-jars EB I
E	23 ✓ 24 ✓	22 23	Chalcol minor temp group sim in mineral. comp & textual details to Group D
F	✓ 25	24	Wadi clay. Fine grain frac of river deposit near site
G	✓ 26a ✓ 26b	25a 25b	Inner part of chem zoned sherd outer " " " " " ; Recent precipitation arabia pottery
H	✓ 37	26	Floess (Aeolian deposit from vicinity of site)
I	✓ 38	27	Maestrichtian clay from vicinity of site
M	29 ✓ 30 ✓	28 29	Sherd temp stor-jars EB I
N	31 ✓ 32 ✓	30 31	Coarse grains, limestone temp, chalco pottery
	✓ 33	32	

Run 204 + 206

Our ARD # is one greater than the numbers on this page.

## - List of samples. -

- I-5 : Coarse Grained, calcite tempered low fired sherd.  
(hole mouth jars) . EB<sub>II</sub> .
- 6-10 : Fine Grained, silty quartz tempered group. Red Burnished. EB<sub>II</sub> .
- II-16 : Medium-Coarse Grained, sherd tempered (crushed ceramics). Store Jars. EB<sub>III</sub> .
- I7-21 : Fine Carbonate tempered. Store Jars. EB<sub>I</sub> .
- 22-23 : Chalcolithic minor temper group. Simillar in composition (Mineralogical)  
and in textural details to group D.
- 24 : Wadi Clay (the fine grained fraction of the river deposit near the site.)
- 25a : The inner part of a chemically zoned (?) sherd
- 25b : The outer part " " " " .....(recent primitive Arabic pottery).
- 2 Loess (Aeolian deposit from the viscosity of the site).
- 27 : Maestichtian clay from the viscosity of the site.
- M 2, 3, 23      Sherd tempered      Store Jars E.B.I
- 30, 31, 32      coarse grained, limestone temp. chalcolithic  
pottery.

24. Was clay fired?

7, 8, 9, 10 shenny

26

27

11 empty

12 shenny

13

14

15

16

20 missing

12

13

3 Rerun the three clays ARD 25, 27, 28

Fire for 1 hr at  $700^{\circ}$  & get weight loss  
Elevate to  $1000^{\circ}$ , weigh again & run

✓ 3 Run ARD 12, 17, 21 as they are

✓ 2 Run the two coarse sherdas

Run (on new samples provided)

2 ARD 11, 14 fired to  $1000^{\circ}$ ; call these 11AF, 14AF

✓ 3 ARD 13, 15, 16 as they are; call these 13A, 15A, 16A

ARD 34 ~70gm of Coarse sherd with granitic inclusions  
Field No. 3596/151

Crad EB II (Must have been very  
hard fired because surfaces were glassy.)

ARD 35 - 6.3 gm Coarse, granitic, cooking pot

Field No. 4734

Crad EB II

		Fired 45 min $\textcircled{a} 700^{\circ}$	Fired $\textcircled{b} 950^{\circ}$
ARD 25F over day	6.9554	6.9375	6.9353
(4) ave.	<u>6.8820</u>	<u>6.8820</u>	<u>6.8820</u>
	7.3.4	55.5	53.3

ARD 27F	7.7949	7.7208	7.7165
(5)	7.2769	7.2769	7.2969
	52.80	443.9	419.6

ARD 28F	7.1741	7.1504	7.1495
(6)	7.1090	7.1090	7.1090
	65.1	41.4	40.5

Run 230

C ② ARD11A 7.0234  
6.8862  
13.72

Fired  
at 950°

7.0016  
6.8862  
115.4

③ ARD14A 7.4737  
7.3046  
169.1

7.4533  
7.3046  
148.7

המוזיאון הישראלי ירושלים

the israel museum, jerusalem

the israel national art museum

the samuel bronfman biblical and archaeological museum

the billy rose art garden

the shrine of the book, d. samuel and jeane h. gottesman

center for biblical manuscripts

18 August 1968

Dr. J.D. Frierman.

Museum & Lab. of Ethnic Arts & Technology.

Univ. Of California. Los Angeles.

Dear Dr. Frierman.

You may certainly remember that we wanted to send a series of pottery samples from Arad. In this box I have put 32 samples which were drilled according to your method and with the equipment you have kindly gave us.

Attached is a list of the samples divided into groups according to the temper content and the definitions of the tempers.

The problems are : correlation between the trace element contents and the microscopic geological data , correlation between pottery of different groups with potential source materials and the identification of imported pottery.

We hope that by now you have analysed the one sample from Arad which you have taken with you, a sample from the Egyptian jar.

We very much hope to hear from you about the results of your study of all these samples and if possible by the middle of November.

Give please my very best regards to everybody in your team, also from Ruth Amiran,

and Shanah Tovah,

Sincerely,

Jonathan Glass.

( Jonathan Glass )

	<u>195R</u> 118A	<u>195S</u> 118B	<u>195T</u> 118C	<u>195Q</u> 117E
Fe	11.16	5.21	5.16 2.33	15.06 5.31
Sc	9.16	15.62	4.25 7.03	12.50 16.15
La	22.46	22.10	14.41 14.15	25.86 24.19

g g g

22.46

22.10

Run 304 & 206

ARD 2,3,4,5

7,8,9,10

14,15

18,19,20,22

23,24

29,30

Coch number is 1 greater  
than magenta numbers  
on vials

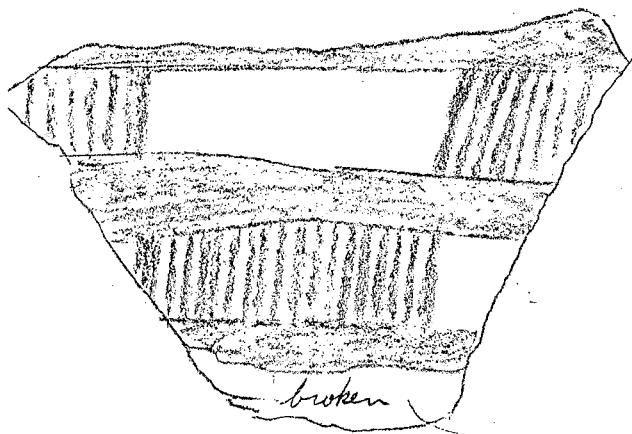
ESMAIL ABBAD

Site ESMAILABAD near TBHERAN from Jay Friedman  
9/68

ESM - 1

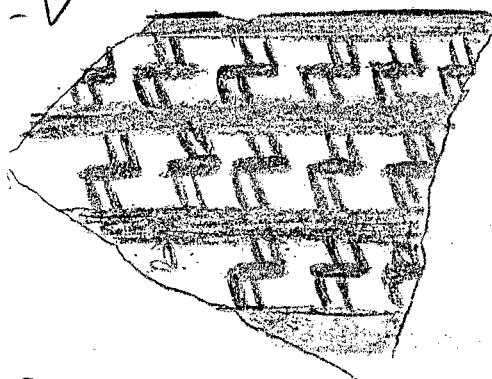
equivalent of Sigalk-II and  
CHASHMIALI, Parallel to Umarid 3.

206-U



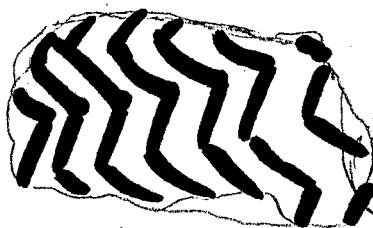
ESM - 2

206-V



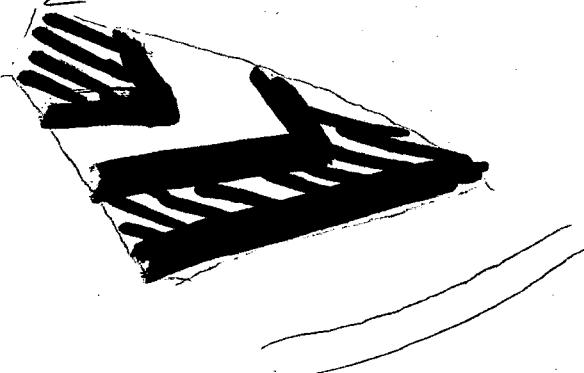
ESM - 3

206-W

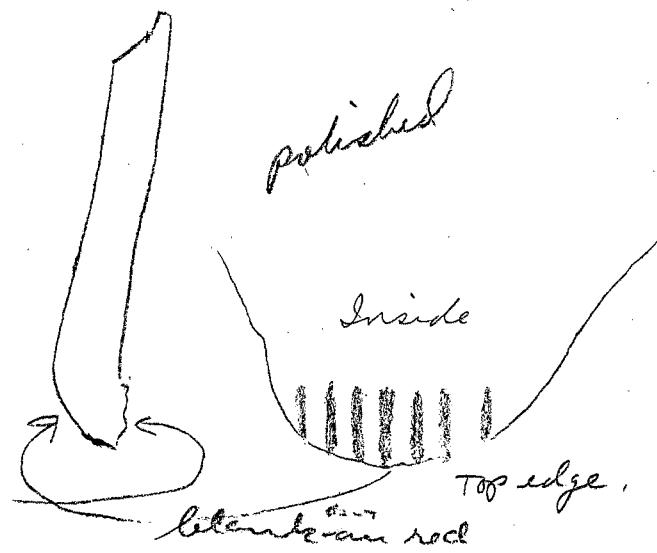


ESM - 4

206-Z



equivalent of Sigalk-II and  
CHASHMIALI, Parallel to Umarid 3.



redware. Black and red

black and red.

black and red

Name of Tel  
ES MAILABAD NEAR TEHERAN

(4000 → 4500)  
BC

With more  
recent  
name

EQUIVALENT OF SIALK II

" CHASHM ALI II  
" OBайд 3

Neolithic names before 5th century B.C.

~~HAL~~

ESMAILABAD = SIALK II

= CHASHM ALI

PARALLEL TO OBайд 3

ESII 1

FARNSWORTH

Run 371

- OX C RTH 79 Stamped wine jar handle MF, C-62-146  
Fine grit buff fabric

Y C RTH 80 Stamped wine jar handle MF, C-64-379

Z C RTH 81 Stamped wine jar handle MF, C-69-106

MF material run

CFU 1  
14

Douglas group

CRTH 1  
11  
1st half 6th cent. Crith

CRTH 12  
13  
14  
two days

CFU 15  
16  
17  
cfu day  
Roman  
modern

CFU 18  
23  
MF problem shards (Oxford)

ATAG 1  
10  
Two ? groups from Agora

CFU 24  
28  
} More MF problem shards

CRTH 15  
19  
5th cent. Crith

Have seen

Doritos group from Confa CFU 1-14 (14)

Group from Cornall 1st bay 6<sup>th</sup> end CTH 1-11 (11)

Earlier material from Confa  
which MF says is Agora. CFU 18-23 (6)

Others

Agora with white clay fired CTH 12 (2)  
" " " 13

Agora with red " " CTH 14 (1)

Confa white " " CFU 15 (1)  
Roman Confa CFU 16 (1)  
Modern Confa CFU 17 (1)

Agora

ATAGI (P. 26)  
11 2 76 ✓  
" 3 167 ✓  
" 4 170 ✓  
" 5 174 ✓

other

SS 1140 ✓ ATAG 6 \*  
" 2030 ✓ " 7 :  
" 5420 ✓ " 8 :  
" 4402 8244 " 9  
P 2936 ✓ " 10  
SS 9574

} all  
quite  
hard

More from Agora

90 ✓ CFU 8 : (small fragment; could not clean well)  
118 ✓ " 10 :  
119 ✓ " 11 :  
120 ✓ " 12 :  
124 ✓ " 13 :

CFU 24 → 28  
not 18-22

From Cornall 3<sup>rd</sup> end

121 CRTH 15.  
122 " 16.  
123 ✓ " 17.  
129 " 18.  
130 " 19.

S-235

Cornish 5<sup>th</sup> century

Our No.	ME number					
CRT/H 20	124		235-E			
21	125		F			
22	126		G			
23	127		H			
24	128		I			

Cornish 7<sup>th</sup> century Proto- and early Cornish

CRT/H 25	101	235 K	very hard
26	103	M	
27	104	N	
28	106	O	
29	108	P	
30	109	Q	
31	110	R	

Cornish 4<sup>th</sup> & 3<sup>rd</sup> centuries

CRT/H 32	131	235-S	
33	132	T	
34	134	V	
35	135	✓	
36	136	W	
37	137	X	
38	139	Y	
39	140	Z	

African

Ran 277 (cont)

Old Oyo Fine gray black ware Cove Layer 1

E OYO 3 Mark 39 Fine grey black Old Oyo Cove Layer 1

F OYO 9 Mark 51 Fine grey black Old Oyo Cove Layer 1

G OYO 10 Mark 53 Fine grey black Old Oyo Cove Layer 1

H OYO 12 Mark 53 Fine grey black Old Oyo Cove Layer 1

Old Oyo fine grey black Cove Layer 2

J OYO 26 Mark 18 Fine grey black Old Oyo Cove Layer 2

K OYO 27 Mark 18 Fine grey black Old Oyo Cove Layer 2

M OYO 28 Mark 25 Fine grey black Old Oyo Cove Layer 2

N OYO 32 Mark 49 Fine grey black Old Oyo Cove Layer 2

O OYO 33 Mark 49 Fine grey black Old Oyo Cove Layer 2

Run 27

Old Oyo Fine grey Black Ware (surface finds, Manchester)

P OYO 35 Mark 1 FM-MM Fine grey black Old Oyo surface

G OYO 36 Mark 2 FM-MM 103 Fine grey black old Oyo surface

R OYO 37 Mark 3 FRGH-MM Fine grey black old Oyo surface

S OYO 38 Mark 4 FRGH-MM Fine grey black Old Oyo surface

T OYO 39 Mark 5 F11A-MM Fine grey black Old Oyo surface

H OYO 40 Mark 6 106 FS Dingy Old Oyo surface

V OYO 41 Mark 7 FFW Fine grey black Old Oyo surface

W OYO 42 Mark 8 F114-MM Fine grey black Old Oyo surface

X OYO 43 Mark 9 FRGH-MM Fine grey black Old Oyo surface

Y OYO 44 Mark 10 FFW Fine grey black Old Oyo surface

Z OYO 45 Mark 11 FFW Fine grey black Old Oyo surface

Rim 275

Tel Qashdo suspected Mycenaean III C

suspected Myc III C

✓ ASH 13 ASH IV H1043-4 Fine grit soft brown fabric,  
Possible black slip or decoration. Found

IV ASH 14 ASH IV H623 Fine grit <sup>soft</sup> grey green fabric. Suspected Myc III C  
Black band decoration Found

X ASH 15 ASH IV H992-1 Fine grit soft <sup>sooty</sup> brown fabric. Rim sherd  
suspected Myc III C. Black band decoration both sides Found

✓ ASH 16 ASH IV G1793-1 Medium grit soft buff fabric. Suspected  
Myc III C. Dark band decoration Found.

✓ ASH 17 ASH IV H623-3 Fine grit soft brown fabric. Suspected  
Myc III C.

### Old Oyo Fine Grey-Black Ware

L OYO 1 Work 39 Fine grey black ware Old Oyo Cave Level 1. Grey brown  
fabric heavily tempered coarse quartz

M OYO 2 Work 39 Fine grey black ware Old Oyo Cave Level 1. Grey brown  
fabric heavily tempered coarse quartz

N OYO 5 , Fine grey black ware Old Oyo Cave Level 1. Grey brown  
fabric heavily tempered coarse quartz

O OYO 6 , Fine grey black ware Old Oyo Cave Level 1. Grey brown fabric  
heavily tempered coarse quartz & other minerals.

P OYO 8 Work 51 Fine grey black ware Old Oyo Cave Level 1. Black  
fabric heavily tempered coarse quartz

Reen 275 (cont)

Fine grey-black ware

ILESHIA

E ILE1 # Alaska 133-61A Fine grey black ware Dark brown fabric. Many fine red inclusions and mica, occasional large inclusions of quartz.

F ILE2 Alaska 133-61B Fine grey black ware Black medium grit fabric

G ILE5 Alaska ILPOX 70F Fine grey black ware Medium grit brown fabric

H ILE8 Alaska ILPOX 89G Fine grey black ware Dark brown fabric. Many fine red inclusions and mica, occasional large inclusions of quartz

I ILE9 Alaska ILPOX 96H Fine grey black ware Dark brown fabric ~~Heavy~~ Medium grit heavily tempered, many types of inclusions.

Old Oyo Fine grey black ware

OYO 25 Mark 18 Fine grey black ware Old Oyo Cave Level 2  
Grey brown fabric heavily tempered coarse quartz

OYO 29 Mark 49 Fine grey black ware Old Oyo Cave Level 2  
Grey brown fabric heavily tempered coarse quartz

OYO 30 Mark 49 Fine grey black ware Old Oyo Cave Level 2  
Grey & crumbly fabric heavily tempered coarse quartz

OYO 31 Mark 49 Fine grey black ware Old Oyo Cave Level 2  
Dark brown fabric heavily tempered ~~for~~ coarse quartz

OYO 34 Mark 58 Fine grey black ware Old Oyo Cave Level 2  
Black fabric heavily tempered coarse quartz

Run 304

A Bag 5 Old Oyo Coarse Ware Layer 1 cove

B OY046 Old Oyo coarse ware, Cove layer 1. Medium grit red fabric

F OY047 Old Oyo coarse ware, Cove layer 1. Medium grit brown fabric

G OY048 Old Oyo coarse ware. Cove layer 1. Medium gritty grit brown fabric

H OY050 Old Oyo coarse ware Cove layer 1 Medium gritty grit brown fabric

J OY051 Old Oyo coarse ware Cove layer 1 Medium grit red brown fabric  
some large quartz inclusions

K OY052 Old Oyo coarse ware Cove layer 1 Medium gritty grit red brown fabric

M OY054 Old Oyo coarse ware Cove layer 1 Medium gritty grit red brown fabric

N OY055 Old Oyo coarse ware Cove layer 1 Medium grit brown fabric, Mica

O OY056 Old Oyo coarse ware Cove layer 1 Coarse dark purple brown fabric  
flooded with hematite nodules

P OY057 Old Oyo coarse ware Cove layer 1 Heavily tempered gray fabric

Run 304 (Cont)

Bog 9 Nelska fine gray black Ware

Q ILE3 133-61E Fine grey black Heavily quartz tempered light grey fabric

R ILE4 133-61L Fine gray black Heavily tempered black fabric

S ILE6 ILPOX86 D Fine grey black Heavily quartz tempered light grey fabric

T ILE7 ILPOX86 J Fine grey black Heavily quartz tempered black fabric

U ILE10 ILPOX165 C Fine grey black Heavily quartz tempered black fabric

V ILE11 ILPOX200 K Fine grey black Heavily quartz tempered black fabric

Bog 14 Nelska Coarse Ware from Round Pit Fell

W ILE24 ~~Nelska~~ Round pit coarse ware Medium quartz grit buff fabric  
Mica Very soft

X ILE25 ~~Nelska~~ Round pit coarse ware Medium quartz grit red fabric  
Mica Very soft

Y ILE26 Round pit coarse ware Medium quartz grit light beige fabric  
Mica Very soft

Z ILE27 Round pit coarse ware Medium grit dark red fabric Very  
soft Mica

Run 332

Old Oyo Fine Grey Black Ware, Bag 1

1) OYO 4 Fine grey black, Cave Layer 1 Mark 39 Coarse, black  
CL 1 - M 39 fabric brown

F OYO 7 Fine grey black, Cave layer 1 Mark 50 Coarse grey  
brown fabric

G OYO 11 Fine grey black, Cave layer 1 Mark 53 Coarse grey  
brown fabric

Fine grey black ware, Bag 10, From Plesha

H ILE 13 Fine grey black Coarse grey brown fabric with  
much red mica

J ILE 14 Fine grey black Coarse grey brown fabric with much  
red mica

K ILE 15 Fine grey black Coarse grey brown fabric with  
much red mica

M ILE 16 Fine grey black Brown fabric much mica

N ILE 17 Fine grey black Grey brown fabric with much mica

O ILE 18 Fine grey black Coarse black fabric, heavy white slip.

P ILE 19 Fine grey black Coarse black fabric, mica

Q ILE 20 Fine grey black Fine brown fabric, some large quartz  
inclusions

Run 332

Bag 10 (cont)

ILE 21 Fine grey black, Coarse grey brown fabric, some mica

ILE 22 Fine grey black, Coarse brown fabric, some mica

ILE 23 Fine grey black, Medium grit black fabric, mica

flesha Coarse Ware, Bag 14

ILE 28 Coarse ware Medium grit brown fabric, much mica

✓ ILE 29 Coarse ware Medium grit grey brown fabric, mica

ILE 30 Coarse ware Medium grit drab fabric, much mica

X ILE 31 Coarse ware Medium grit red fabric

Y ILE 32 Coarse ware Medium grit brown fabric, much mica

FILE 33 Coarse ware Medium & coarse grit red fabric, mica

Rim 333

Old Oyo Fine Grey Black Ware, Bag 2

OY013 Fine grey black Cove Layer 1A Mark 36 Coarse grit  
333 E brown fabric, much mica

OY014 F

Coarse grit brown  
Coarse grit fabric  
~~buff fabric~~.

OY015 G

Coarse grit buff  
fabric, mostly quartz

OY016 H

Coarse grit buff  
fabric, mostly quartz

OY017 J

Coarse grit black fabric

OY018 K

Coarse grit grey fabric,  
mostly quartz

OY019 M

Coarse grit grey fabric,  
mostly quartz

OY020 N

Coarse grit grey fabric  
mostly quartz

OY021 O

Coarse grit grey brown fabric

OY022 P

Coarse grit grey brown fabric  
mostly quartz

## Old Oyo Coarse Ware Bag 6

OYO 60 Coarse ware Cave Layer 1A Mark 36, Coarse grit red and black zones  
Q

OYO 61

R

Coarse grit grey brown fabric, mostly finely

OYO 62

S

Coarse grit brown fabric diverse excrescences

OYO 63

T

Medium grit red fabric

OYO 64

U

Coarse grit buff fabric

OYO 65

V

Medium grit red fabric

OYO 66

W

Coarse grit red & brown fabric

OYO 67

X

Coarse grit red fabric hematite nodules.

OYO 68 Coarse ware Cave Layer 1A Mark 72 Coarse grit red fabric, hematite nodules  
Y

OYO 69 Coarse ware Cave Layer 1A (no mark) ~~Coarse~~ Medium grit red fabric, much mica.  
Z

Reen 334

Old Oyo Fine Grey Block Ware (Bag 2)

B 0Y023

F 0Y024

Old Oyo Dingun Ware (Bag 8)

G 0Y082

H 0Y083

I 0Y084

K 0Y085

M 0Y086

N 0Y087

O 0Y088

P 0Y089

Run 334

Fine Grey Black Ware (Bag 11)

R ESI-1 site - ESI/E

R ILO-1 site ilorin

S Fine Grey Black Ware (Bag 12)

EFT site TFE

IFE-1

T EFT-2

EFT  
IFE-2

Fine Grey Black Ware (Bag #13)

U EFT3  
IFE-3

✓ EFT4  
IFE-4

✓ EFT5  
IFE-5

✓ EFT6  
IFE-6

✓ EFT7  
IFE-7

✓ EFT8  
IFE-8

Run 338 338?

Old Oyo Coarse Ware Bag 7

P OYO 71

R OYO 72

G OYO 73

M OYO 74

F OYO 75

K OYO 76

U OYO 77

W OYO 78

O OYO 79

P OYO 80

Ran 38 (cont) 338 ?  
D'ingun  
Old Oyo D'ingun Ware (Bag 8)

Q 0Y090

R 0Y091

S 0Y092

T 0Y093

U 0Y094

V 0Y095

W 0Y096

X 0Y097

Y 0Y098

Z 0Y099

Ran 340

~~340~~

Ale Fine Gray Black Ware Bag 13

B ILE 9

C ILE 10

D ILE 11

Alaska Coarse Ware Bag 15

E ILE 34

F ILE 36

G ILE 37

H ILE 38

I ILE 39

J ILE 40

K ILE 41

Run 3  
240 (cont)

~~350~~

Alesha Coarse Ware Bag 16

✓ ILE 44

W ILE 45

X ILE 46

Y ILE 47

Z ILE 48

Ale Coarse Ware Bag 17

H IFE 12

J IFE 13

K IFE 14

M IFE 15

N IFE 16

Ren 355

flesha sculptures Bag 21 & 22

ILPOX 134

P ILE 54 Sculpture Bag 21, Medium grit quartz, brown  
fabric

ILPOX 136

P ILE 55 Sculpture Bag 21, Black fabric

C ILE 56 Sculpture Bag 21 ILPOX 136 Medium grit brown fabric

P ILE 57 Sculpture Bag 21 ILPOX 138 Fine grit brown fabric

C ILE 58 Sculpture Bag 21 ILPOX 138 Fine grit brown fabric

H ILE 59 Sculpture Bag 21 ILPOX 138 Fine grit pink fabric

M ILE 60 Sculpture Bag 21 ILPOX 138 Medium grit brown & black  
fabric

N ILE 61 Sculpture Bag 21 ILPOX 138 Black fabric

M ILE 62 Sculpture Bag 21 ILPOX 140 Black fabric

P ILE 63 Sculpture Bag 21 ILPOX 140 Medium & coarse grit brown fabric

H ILE 65 Sculpture Bag 21 ILPOX 140 Medium & coarse grit brown & black fabric

K ILE 64 Sculpture Bag 21 ILPOX 140 Fine grit brown fabric

G ILE 66 Sculpture Bag 21 ILPOX 143 Medium grit brown & red brown fabric

Run 355 (cont)

✓ ILE67 Sculpture Bag 21 ILPOX 103 Medium grit grey brown fabric

✓ ILE68 Sculpture Bag 21 ILPOX 136 or 137? Medium grit pink fabric

✓ ILE69 Sculpture Bag 21 ILPOX 136 or 137? Black fabric

W ILE70 Sculpture Bag 22 ILPOX 140 Medium grit pink fabric

N ILE71 Unfired clay from round pit ILPOX 166 Bag 23

Y ILE72 Unfired grey liner of round pit ILPOX 168 Bag 24

X ILE73 Unfired clay in rectangular pit ILPOX 189 Bag 25

Run 377

C IFE17 Bag17 Af St. Denis coarse ware STD224

E IFE18 Bag17 Af St. Denis coarse ware STD224

G IFE19 Bag17 Af St. Denis coarse ware STD224

H IFE20 Bag17 Af St. Denis coarse ware STD224

J IFE21 Bag17 Af St. Denis coarse ware STD224

I IFE22 Bag18 Af coarse ware IY1194

O IFE23 Bag18 Af coarse ware IY1194

M NIFE24 Bag18 Af coarse ware IY1194

O IFE25 Bag18 Af coarse ware IY1194

P IFE26 Bag18 Af coarse ware IY1194

377  
Run ~~380~~

Q IFE 27 Bag 18 Afe coarse ware IY/194

R IFE 28 Bag 18 Afe coarse ware (no mark)

S IFE 29 Bag 18 Afe coarse ware (no mark)

T IFE 30 Bag 18 Afe coarse ware (no mark)

U IFE 31 Bag 18 Afe coarse ware (no mark)

✓ IFE 32 Bag 19 Adagba Cmpd coarse ware 122/61

V IFE 33 Bag 19 Adagba Cmpd coarse ware 122/61

X IFE 34 Bag 19 Adagba Cmpd coarse ware 122/61  
ADAGBA

Y IFE 35 Bag 19 Adagba Cmpd coarse ware 122/61

Z IFE 36 Bag 19 Adagba Cmpd coarse ware (no mark)

C

Run 378

B IFE 37 Aug 20 159/61 IFE WUNMONIE CORP  
COTTONSEED WIRE

F IFE 38

G IFE 39 unashed

H IFE 40 159/61

J IFE 41

K IFE 42

L IFE 43

M

N IFE 44

O IFE 45

P IFE 46

Q

Run 378 (cont)

C IFE 47 Bag 31 SITE - IFE 7 OGTO OYA  
terracotta

P IFE 48 Bag 31

S IFE 49 Bag 31

T IFE 50 Bag 30 SITE - IFE IWINIW HUT  
TERRACOTTA

U IFE 51 Bag 30

V IFE 52 Bag 36

W IFE 53 Bag 36

X IFE 54 Bag 30

Y IFE 55 Bag 30

Z IFE 56 Bag 30

7/31/70

Run 385

Bag 26

Ilesha

Fused fragments

E ILE - 74

Ilpox T.C.  
Ilpox 174

red brown innerfill

F ILE - 75

Ilpox 174

G ILE - 76

Ilpox 174?

" "

H ILE - 77

Ilpox 174

" "

J ILE - 78

174

" "

Bag 27

Ilpox 172, 184, 185

Grove pit filling  
T.C.

K ILE - 79

Ilpox 184

brown

M ILE - 80

Ilpox 172

red brown

N ILE - 81

Ilpox 185

E9?

red brown

O ILE - 82

Ilpox

185

E7

red brown

P ILE - 83

Ilpox

172

" "

7/31/70

Run - 385

Bag 28

Epoxy Brown pottery clay

177, 182, 187, 190 I.C.

Q ILE - 84

Epoxy 182

red brown

R ILE - 85

Epoxy 190

red brown

S ILE - 86

Epoxy 182

T ILE - 87

Epoxy 187

U ILE - 88

Epoxy 187

Bag 29

Epoxy 290

V ILE - 89

no label

W ILE - 90

Epoxy 290

X ILE - 91

Epoxy 290

Y ILE - 92

Epoxy 290

shot type label stuck on

Z ILE - 93

Bug. 3/22 + Bag 26-25 (rest)

8/7/70

Run 390

Bag 22

Ilesha - sculpture fragments

E ILE-99 no # on shed red outside + black inside - hard

F ILE-94

Ilpoj  $\Delta$  140

G ILE-95

unnumbered

H ILE-96

unnumbered

I ILE-97

unnumbered

K ILE-98

unnumbered black

L ILE-99

unnumbered

M ILE-100

$\Delta$  138? , 33? or 38?

N ILE-101

unnumbered

O ILE-102

unnumbered

P ILE-103

unnumbered

R ILE-104

unnumbered

S ILE-105

unnumbered

Run 390

Bag 22 continued Dpox samples + c.

T ILE - 106 unnumbered

U ILE - 107 unnumbered

V ILE - 108 unnumbered

W ILE - 109 unnumbered

X ILE - 110 unnumbered black

Y ILE - 111 unnumbered

Z ILE - 112 unnumbered duff

Ram 391

Bag 22 Slesha sculpture fragments

E ILE - 113 unnumbered

~~Bag 26~~ - Bag 26 T.C. Elpox Red brown  
inner fill 14.9, 16.5, 16.6, 17.4

E ILE - 114 Elpox / 174 red with mica inclusions

G ILE - 115 unnumbered very soft

Bag 27 - Elpox 17.2, 18.4, 18.5  
Brave Pit filling T.C.

H DLB - 116 unnumbered very soft

J ILE - 117 unnumbered very soft

Rim 391

Bag 28

Elpox

Brown pottery clay

177, 182, 187, 190

T.C.

ILE - 118

182

mica inclusions

M

ILE - 119

187

Elpox

W

ILE - 120

187

Elpox

Bag 8 Old Oyo Dugout Ware

~~Bag 29~~

O OYO - 100

f D

P OYO - 101

f D

Q OYO - 102

f D

R OYO - 103

f D

S OYO - 104

f D

T OYO - 105

f D

U OYO - 106

f D

V OYO - 107

f D

Run 391 (cont.)

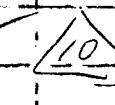
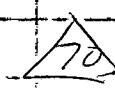
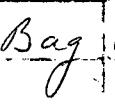
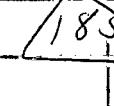
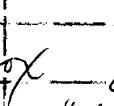
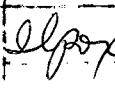
X 040-108 f.D.

X 040-109 f.D.

Y 040-110 unmarked

Z 040-111 (no label) ~~red~~ black

Run 393

	Bag 30	T.C. fragments	Lwin Hut f
393 E	IFE - 62	no marks	
393 F	- 63	Lwin hut f	
393 G	- 64	" "	
393 K	- 65	" "	
393 M	- 66	Lwin hut f	
393 N	0 Y.O - 49	Bag 5  10	Coarse ware; Layer 1, old Oyo Cave.
393 O	- 58	"  70	" " "
393 P	- 59	"  71	" " "
393 Q	0 Y.O - 70	Bag 6  unmarked	Coarse ware <del>Layer 1A</del> , old Oyo layer 1A <del>cave</del> .
393 R	I LE - 512	Ilpox E 9  183	Bag 15 Coarse ware Ilesha grave pit filling
393 S	I LE - 43	Ilpox E 9  185	Bag 15 " " " black - mica inclusion
393 T	P LE - 49	Ilpox  182	Bag 16 Ilesha coarse ware (listed as "day from rectangle pit" in letter).
393 U	I LE - 50	Ilpox  187	Bag 16 " " " mica

Run 393 cont.

393 J	ILE - 51	Dgpx	187	Bag 16	Ilesha coarse ware mica inclusions
393 W	ILE - 52	Dgpx	190	Bag 16	" "
393 X	ILE - 53	ILP		Bag 16	" " mica incl.
393 Y	OYO - 53	?	40	Bag 5	Coarse ware Layer 1 Old Oyo Cave
393 Z	OYO - 81		55+	Bag 7	Old Oyo Cave layer 2 Coarse ware

B0U-1	400 E	S 152/70 1	Wall sherd, gross-tempered, small rocker stamped GREY SHERD <del>FAUCETED</del> 5 mm. 400 F
B0U-2	400 F	S 152/70 2	Wall sherd, quit-tempered, cord-impressed 8 mm. BROWN-SRAY <del>FAUCETED</del> BLACK Nodules
B0U-3	400 G	S 152/70 3	Rim sherd gross-tempered, without lip, sample Dark core - Brown pink outside unimpressed <del>FAUCETED</del> shard Firm. decoration
B0U-4	400 H	S 152/70 4	Pink Body - Darker core <del>FAUCETED</del> sherd quit-tempered 10.5 mm.
B0U-5	400 J	S 152/70 5	Wall sherd gross-tempered, cord-impressed, 7 mm. GREY <del>FAUCETED</del> SHERD Dark core
B0U-6	400 K	S 152/70 6	gross-tempered, wall sherd montain-funk ship Dark fabric - Pink <del>sherd</del> Hard <del>core</del> dark core 6 mm.
B0U-7	400 H	S 152/70 7	Dark core - Red a pat surface ~30 mils gross-tempered thick <del>some</del> <sup>5 ft</sup> cord-impression Some inclusions Rim sherd w/ single line
B0U-8	400 N	S 152/70 8	Well sherd gross-tempered undecorated 5.5 mm. Grey Surface - Dark core
B0U-9	400 O	S 152/70 9	Well sherd, gross-tempered rocker-stamped by undecorated Buff Surface - Dark core 8 mm.
B0U-10	400 P	S 152/70 10	Body/micke sherd undecorated Buff surface - Dark core gross-tempered 6 mm.
B0U-11	400 Q	S 152/70 11	Pat. Base gross-tempered, undecorated Buff pink surface Dark Core thickness at point of base 11.5 mm.
B0U-12	400 R	S 152/70 12	Body/micke rim? dark, very weathered, gross-quit Buff pink surface - Dark <sup>3.5 mm</sup> decorated
B0U-13	400 S	S 152/70 13	Gross-tempered 6 mm, Rim sherd w/ interior lip undecorated Grey-Buff Surface Dark core
B0U-14	400 T	S 66/70 1	Wall sherd, quit-tempered cord-impressed, 7.5 mm. Buff sherd soft & dull Firm
B0U-15	400 U	S 66/70 2	Wall sherd, gross & quit-tempered comb on paddle Dark grey powder <del>stamped</del> Some inclusion Firm

BOU

## ADRAR BOVS . NORTHEAST V

MAD

## ADRAR MADET

S 66 170 E S 94 170 N.E. VALLEY, Area 5, NEOLITHIC

SITE			
BOU-16	400 V	S/66/70 3	Wall-sherd, grit tempered, cord impressed, 9 mm. Buff pink - <del>exterior</del>
BOU-17	400 W	S/66/70 - 4	Rim-sherd single incised line along lip, undecorated Pink outside dark inside grass & grit tempered 6 mm.
BOU-18	400 X	S/66/70 - 5	Wall sherd, grit tempered, cord impressed, Buff grey outside, darker inside 6.5 mm. <del>exterior</del>
BOU-19	400 Y	S/66/70 - 6	Wall-sherd, grass & grit tempered, roller stamped, 8.5 mm. Buff exterior Dark interior <del>exterior</del>
BOU-20	400 Z	S/66/70 - 7	Rim sherd, interior lip w/ simple incised decoration on interior Pink exterior Dark interior grass tempered thickness of wall 8 mm.
BOU-21	401 E	S/66/70 - 8	Rim sherd, grass & grit tempered, roller stamped on wall Grey darker inside <del>exterior</del> interior lip, w/ cord impressions 9 mm.
BOU-22	401 F	S/66/70 - 9	Pink - grey interior, rim sherd, grit tempered interior lip, cord impressed on outside of wall 8 mm.
BOU-23	401 G	S/66/70 10	grey, rim sherd, grass & grit tempered, roller stamped, 7 mm.
BOU-24	401 H	S/66/70 11	Buff, wall sherd, grass tempered, roller <del>impressed</del> simple decoration, single band 4.5 mm.
BOU-25	401 J	S/66/70 12	Pink <del>surface</del> , black inside (eroded outside) surface, rim sherd grass & grit tempered, rim decorated w/ straight roller impression, body decorated w/ curved roller impression, 7 mm.
BOU-26	401 K	S/66/70 13	grey, rim sherd, grass & grit tempered, top of rim: roller impressed, edge of rim: roller stamped, wall: comb stamped 6 mm.
BOU-27	401 M	S/66/70 14	wall sherd, grass & grit tempered, roller stamped (possibly w/ wavy line impressions) 6 mm.

Bou 30	401 P	S78/70-3 3x3b	grey rim sherd, <u>gross &amp; grit tempered</u> , rim rolled impressed, well rocker stamped wall thickness 9 mm.
Bou 31	401 Q	S78/70-4 4x4b	Buff surface, grey inside, <u>Body / Rim sherd, gross &amp; grit tempered</u> , upper part of vessel <u>cord stamped</u> , rim thickness 7 mm.
Bou 32	401 R	S94/70-1	Brown surface, grey inside, <u>Body / Rim sherd, gross &amp; grit tempered, undecorated</u> 5.5 mm
Bou 33	401 S	S94/70-2	Brown, rim sherd, <u>gross &amp; grit tempered, rocker stamped body, comb stamped under rim, cross-hatched incised lip</u> . 10.5 mm.
Bou 34	401 T	S94/70-3	Brown, rim sherd, <u>gross &amp; grit tempered, comb stamped body, cross-hatched incisions below rim, simple incised rim</u> . 7.5 mm.
Bou 35	401 U	S94/70-4	Brown surface, grey interior, <u>gross &amp; grit tempered, 2 bands visible one cross-hatched incised, the other undecorated</u> . 8 mm.
Bou 36	401 V	S40/70-1	Brown surface, grey inside, <u>gross &amp; grit tempered, rocker stamped, wall sherd</u> 8 mm.
Bou 37	401 W	S95/70-1	Buff, well sherd, <u>gross tempered, undecorated</u> , 5.5 mm.
Bou 38	401 X	S119/70-1	Red / Buff surface, black inside, <u>wall sherd grit &amp; gross tempered, undecorated</u> , 6 mm.

P	MAD-12	S191/70 [T.480] 1	Brown surface, grey inside, wall sherd, grit tempered, cord impressed, 6.5 mm. ground
Q	MAD-13	S191/70 [T.480] 2	Brown/grey surface, black inside, wall sherd. grey tempered, curved rolled impressed, 10.5 mm.
R	14	S191/70 [T.480] 3	Brown/pink surface, grey inside, wall sherd grit tempered, cord impressed, 8 mm.
S	15	S191/70 [T.480] 4	Brown/pink surface, grey inside, wall sherd grit tempered, rocker stamped, 8 mm.
X	16	S191/70 [T.480] 5	Brown surface, gray inside, grey & grit tempered wall sherd, rocker stamped, 13.5 mm.
U	17	S191/70 [T.480] 6	Brown surface, grey inside, grit tempered, wall sherd, stamped & rolled impressed (curved) 11 mm.
V	21	Brown surface only	Brown/yellow surface, grey inside, wall sherd, grit tempered, rocker stamped, 11 mm.
V	18	S191/70 [T.480] 7	Brown/yellow surface, grey inside, wall sherd, grit tempered, rocker stamped, 11 mm.
W	22	Brown yellow surface only	Pink surface, grey inside, wall sherd, grey & grit tempered, <del>curved</del> curved roller <del>impressed</del> impressed, 10 mm.
W	19	S191/70 [T.480] 8	Pink surface, grey inside, wall sherd, grey & grit tempered, <del>curved</del> curved roller <del>impressed</del> impressed, 10 mm.
X	20	S191/70 [T.480] 9	Brown/yellow surface, grey inside, wall sherd, grit tempered, rocker stamped, 7.5 mm.
		S78/70 - 1.	Buff, rim sherd (red painted on outside?) interior lip, grey and grit tempered, rocker stamped on both exterior and interior of vessel, exterior has also some undecorated bands, lip roller <del>impressed</del> impressed 8.5 mm.
		{ taken to 2232 Piedmont }	
BOV 29 44	401 "O"	S78/70 2	Pink surface, buff inside, rim sherd, interior lip, grit tempered, lip roller <sup>impressed</sup> well rocker stamped, wall thickness 8.5 mm Black inside

BOU 28	401-N	S66/70-15	Brown surface, grey interior Wall sherd (possibly rim sherd w/ edge of lip missing) gross-tempered, oblique incised decoration on "lip", wall undecorated 5 mm.
MAD-1	401-X	S191/70[T-409]1	Brown/yellow rim sherd, gross tempered, roller impressions on lip, comb stamped wall. 5.5 mm
MAD-2	401-Z	S191/70[T-409]2	Brown inside, grey outside, <del>wall</del> wall sherd, gross-tempered roller stamped 6.5 mm
MAD-3		S191/70[T-409]3	Pink interior, grey/brown exterior, rim sherd, dotted wavy line on rim, w/ simple <u>impressions</u> on body, roller stamping on lip, gross tempered 9 mm.
MAD-4		S191/70[T-409]4	Pink/yellow, gross tempered, dotted wavy line, rim sherd. 9.5 mm.
MAD-5		S191/70[T-409]5	Buff surface, grey inside, rim sherd, gross tempered, wavy-line below lip, <u>roller impressed</u> lip, comb stamped body. 9 mm.
MAD-6		S191/70[T-409]6	Pink inside, grey/brown outside, wall sherd, gross tempered, Comb-stamped 9.5 mm.
MAD-7		S191/70[T-409]7	Grey/yellow, rim sherd, wavy line under lip roller stamping on lip, cord-impressed body.
MAD-8		S191/70[T-409]8	Brown, wall sherd, gross & grit tempered, incised decoration, 7.5 mm.
MAD-9		S191/70[T-403]1	Brown/Pink outside, grey inside, wall sherd, grit tempered, incised decoration, 7 mm.
MAD-10		S191/70[T-403]2	Brown/Pink wall sherd, gross & grit tempered, roller stamped, 9 mm. ground
MAD-11		S191/70[T-403]3	Brown surface, grey inside, wall sherd, gross & grit tempered, incised "herring-bone" decoration 9 mm. ground