

# Locally-Made Coarse Earthenware

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# Roadmap

- Ways to Identify Coarse Earthenwares in DAACS
  - Ware Type
  - Coarse Earthenware Type
- Euro-style Coarse Earthenware Types
- Locally-Produced, Non-Industrial CEWs
  - CEW Module
  - Attributes/Diagnostics



# Ware Types

- Well defined attributes
- Formally published
- Known production origins
- Widely distributed

Examples:

Buckley-type

North Devon

Iberian Coarse Earthenware (aka Olive Jar)

Vallauris



# Coarse Earthenware Types

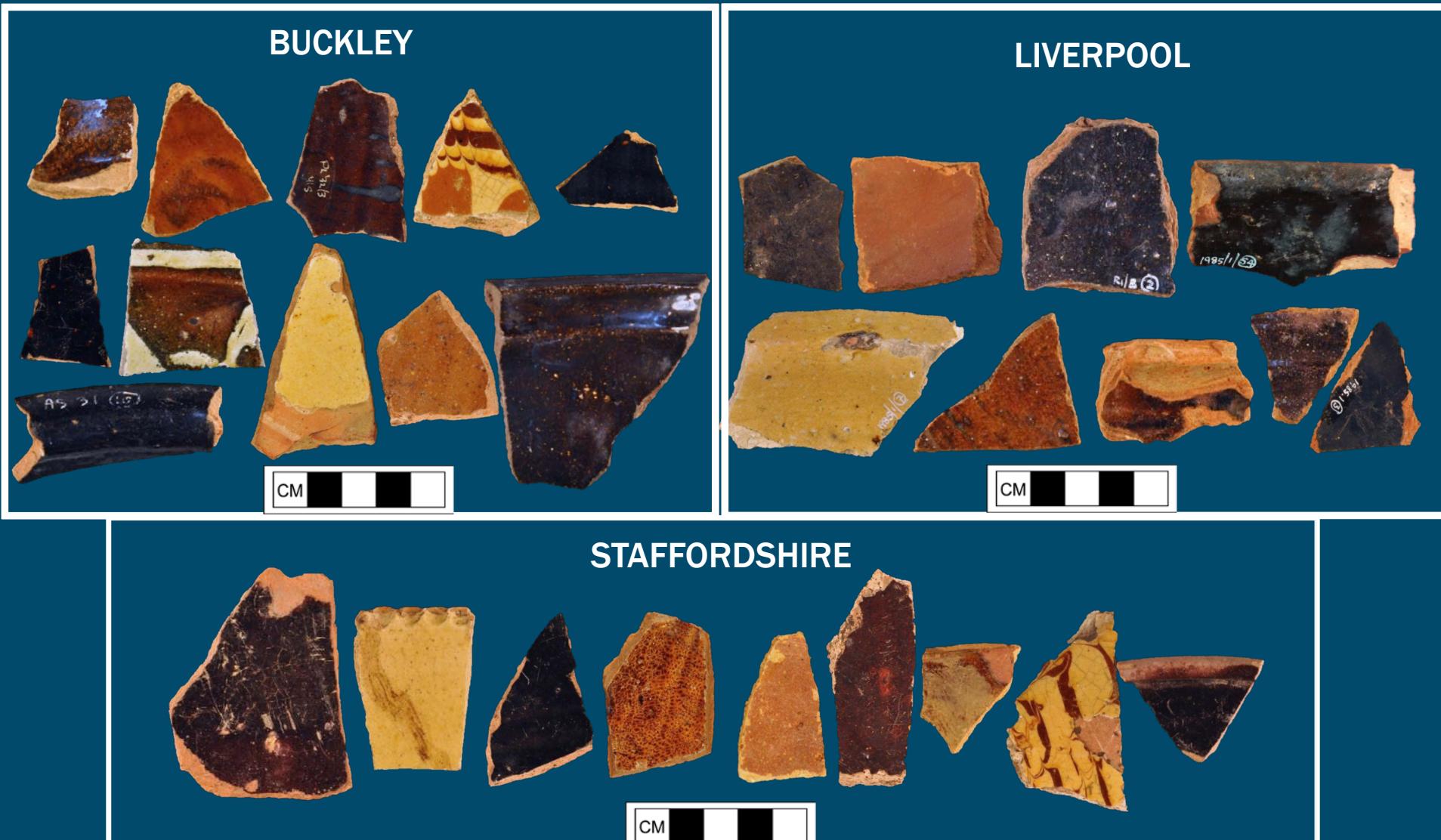
- Classification below Ware
- May be preliminary
- Distinctive attributes
- Identified locally w/in region or site
- Known or unknown production origins
- Examples:
  - William Rogers (aka Yorktown; Ware=Redware)
  - Catawba (Ware=Colonoware)
  - Morne Patate Types 1 and 2 (Ware= Caribbean Coarse Earthenware)
  - Gaston-type (Ware= Native American)



# European Tradition CEW Types

- Typically wheel-thrown
- Variation that does not rise to the level of Ware type differences or is in process of formal definition/testing
- Reflect local variation in raw materials, technology

# Example “Coal Measures Type”



Photos by the author. Images courtesy Museum of Liverpool.

# Paste and Inclusions

(20x magnification)



BUCKLEY



LIVERPOOL



STAFFORDSHIRE



## *Coal Measures Region (Buckley, Liverpool, Staffordshire)*

Coarse earthenwares from the Coal Measures typically exhibit marbled paste. On tableware forms, this marbling may be very fine or absent. Paste color can range from predominantly buff or pink, to the more common red or an almost purple reddish brown. In all variants, the paste is highly fired, creating clean breaks with straight edges. White rock inclusions are typically present, as well as small spherical hematite nodules and quartz sand.



Black or dark brown glazes are most common on these wares, though occasionally clear or translucent glazes are present. Due to high firing, the glaze generally remains well adhered to the sherd surface. Wares from this region with decorative techniques such as slip trailing are rarely found in America, except for North Midlands/Staffordshire slipwares. Utilitarian forms, glazed on the interior only, are most common. Black glazed tableware forms, glazed on both interior and exterior mostly come from Liverpool.



# Non-Industrial CEW

- Often made by hand (no wheel, no kiln)
- For household use or more local marketing
- Greater variability than industrially produced wares
- Ware Types:
  - Native American/Indigenous
  - Caribbean Coarse Earthenware
  - Colonoware
  - Coarse Earthenware, unid

# Attributes

1. Manufacturing Technique/Form
2. Shape
3. Paste Characteristics
4. Decoration/Surface Treatments
5. Wear/Condition

# 1. Manutech: Coiling



# 1. Manutech: Coiling



Interior with visible coil stack



Top edge (convex)



Lower edge (concave)

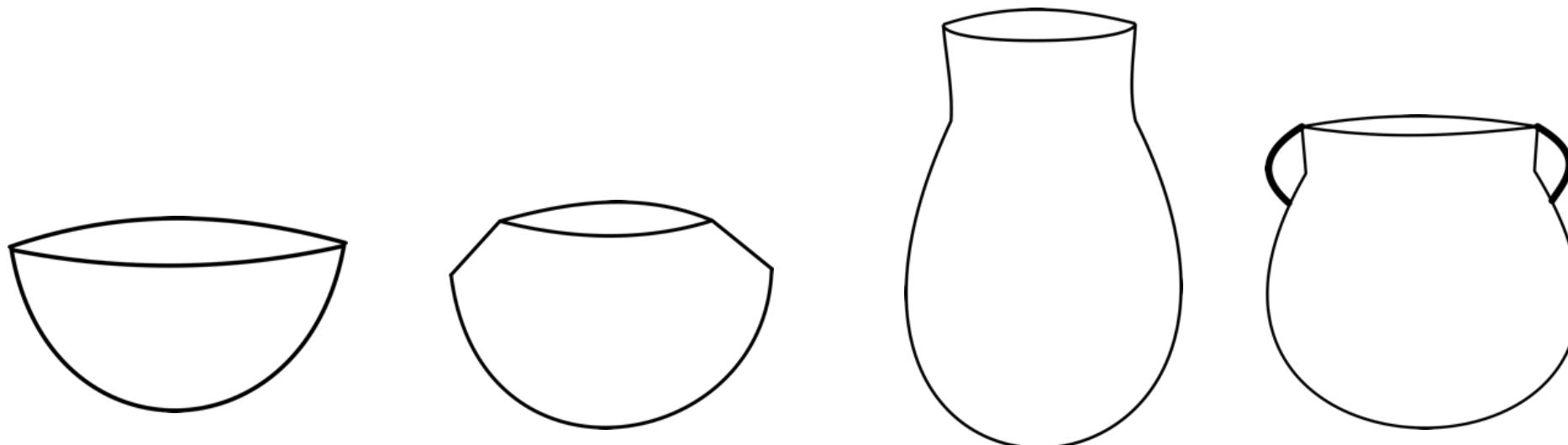
# 1. Manutech: Coiling



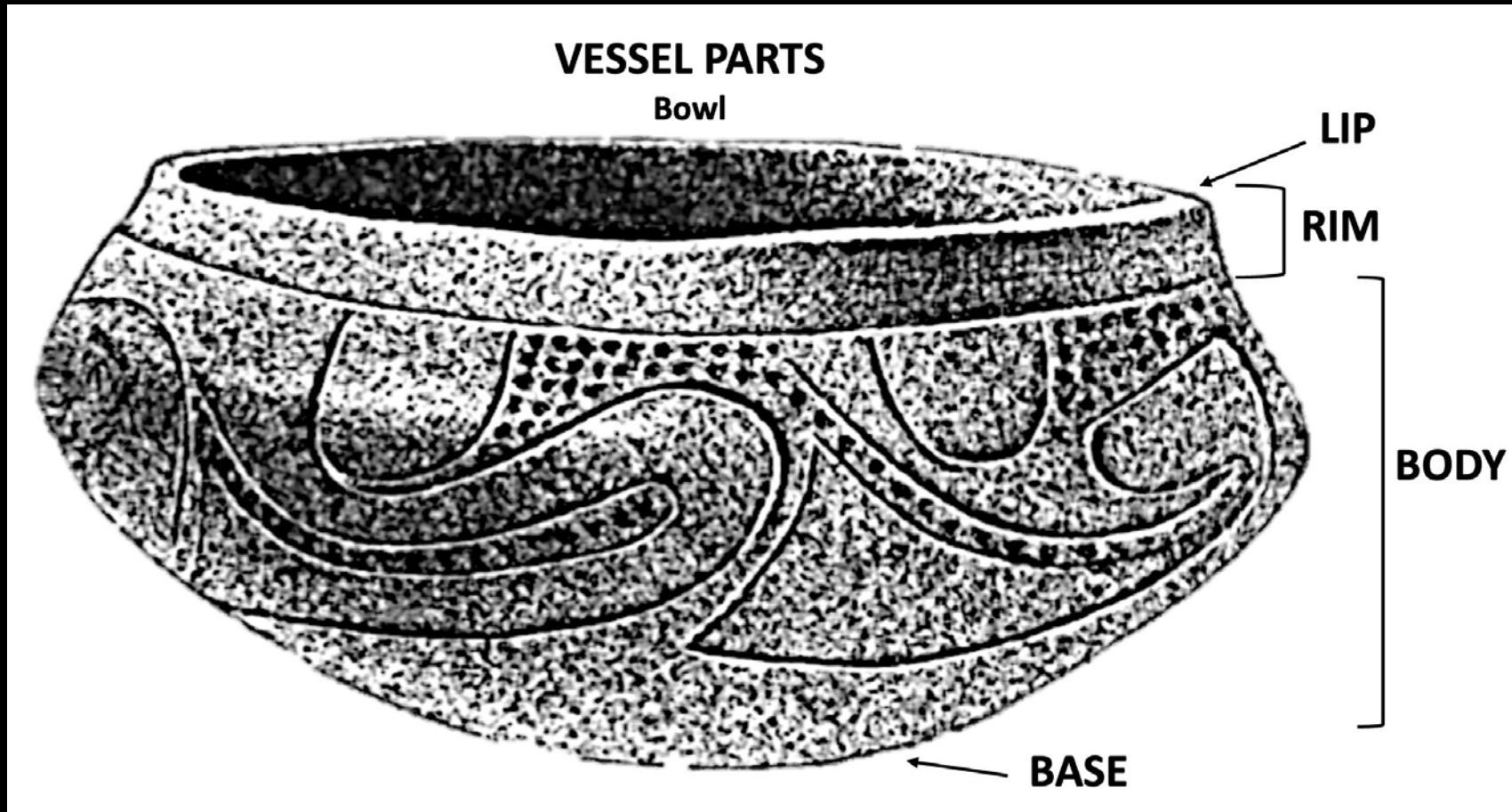
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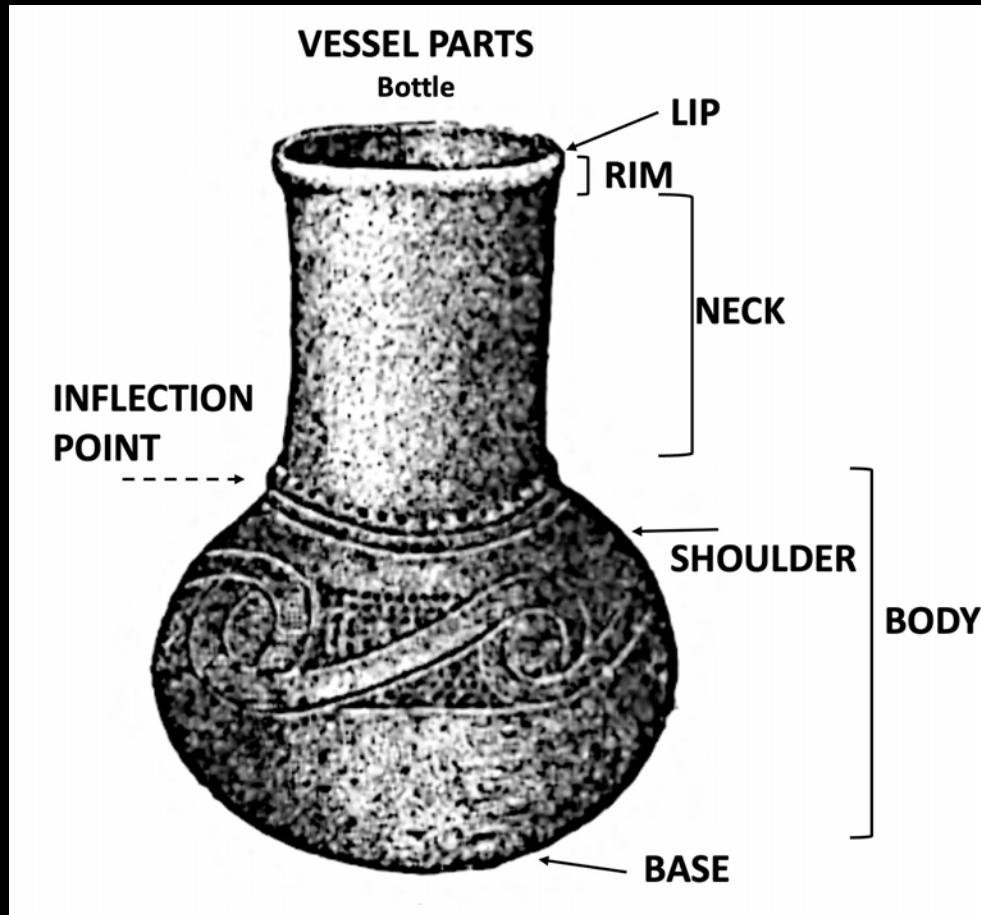
# 1. Forms



# 1. Vessel Form and Completeness



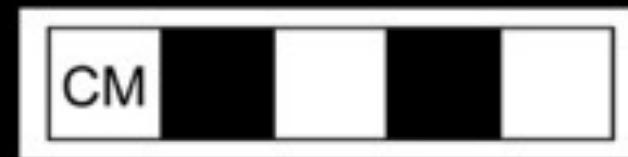
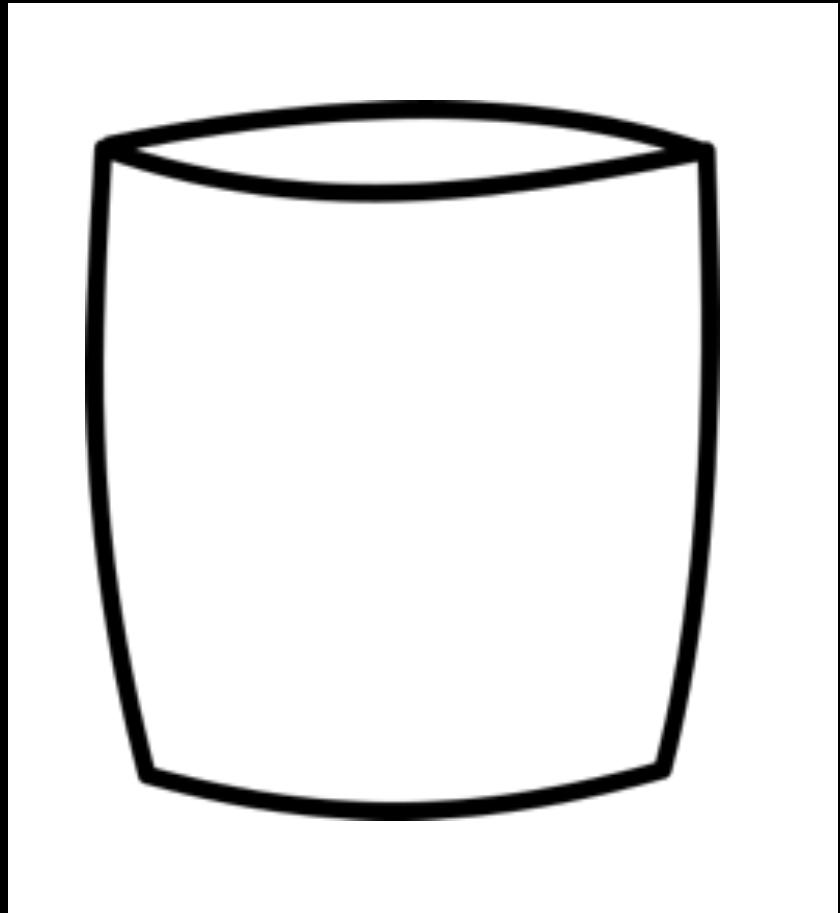
# 1. Vessel Form and Completeness



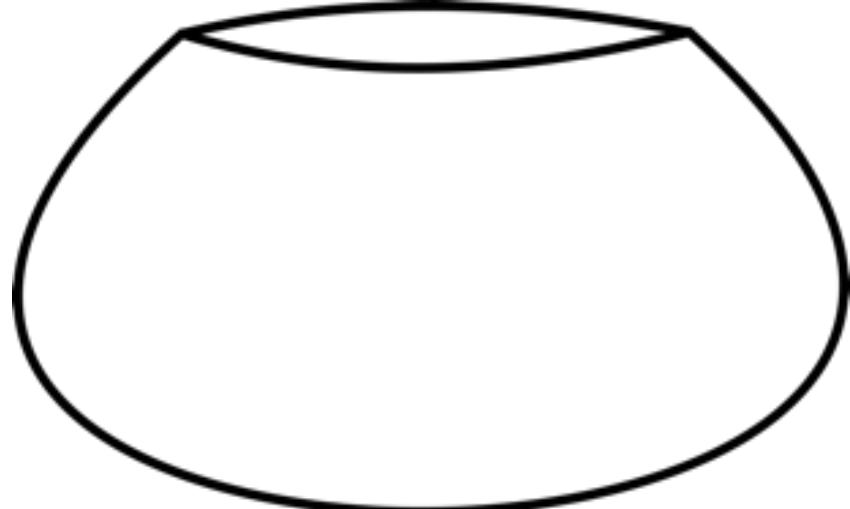
# 1. Vessel Form



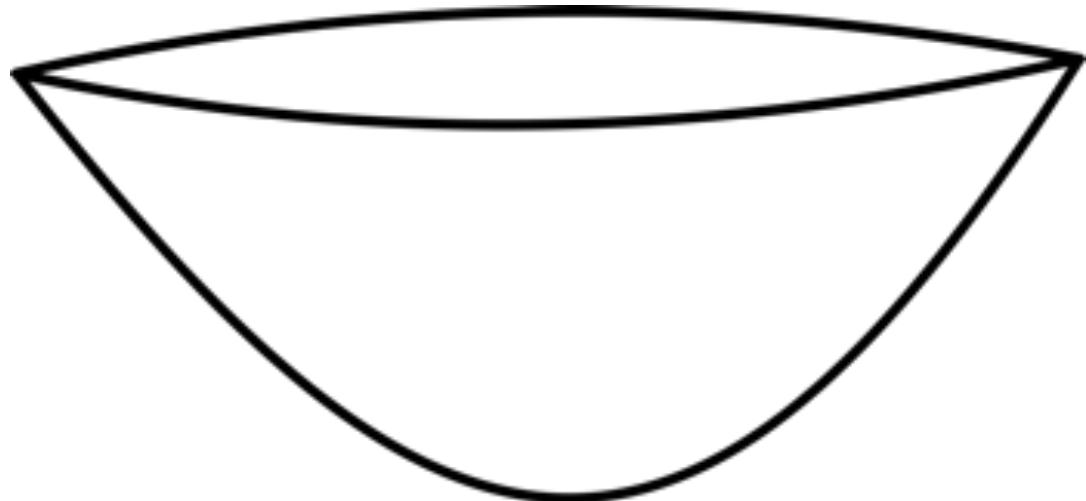
## 2. Vessel Shape: Cylindrical



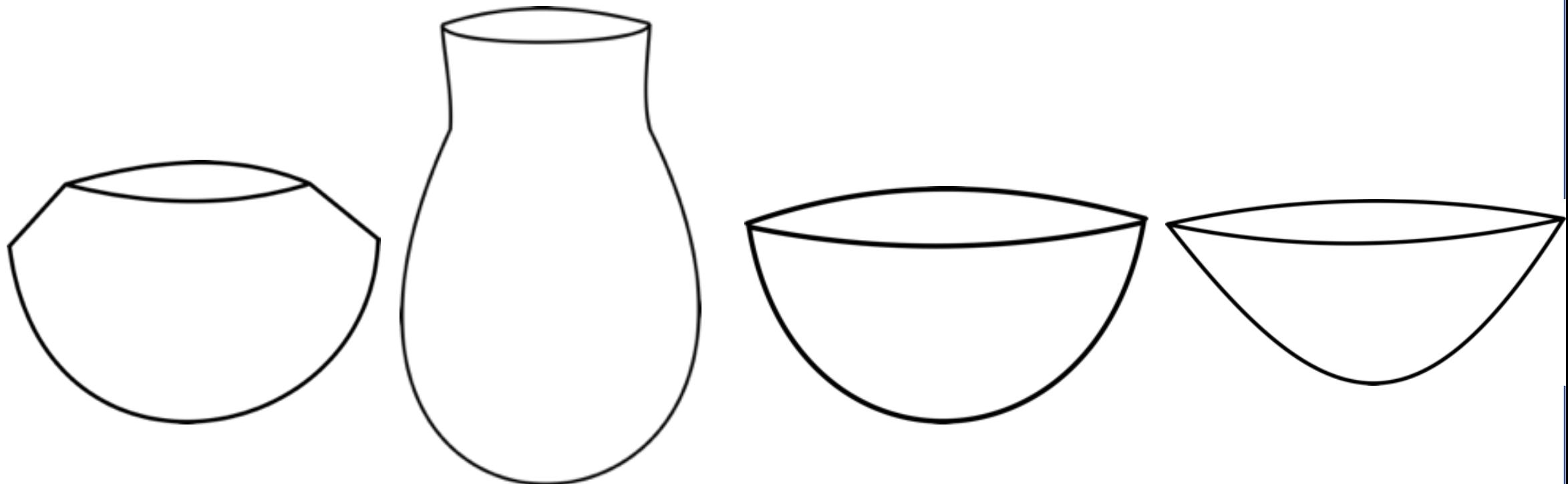
## 2. Vessel Shape: Globular



## 2. Vessel Shape: Sloping



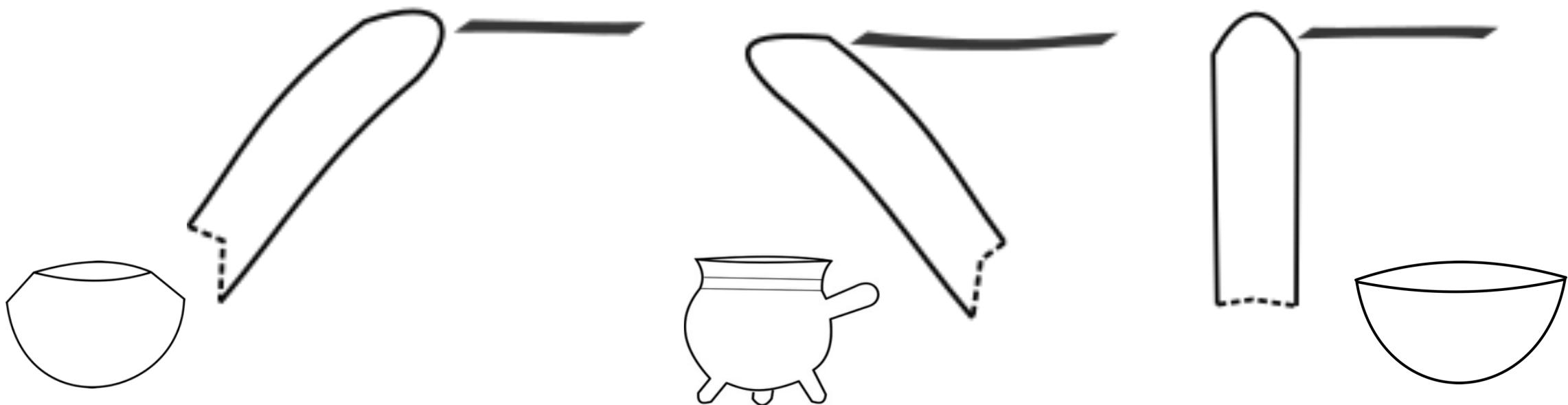
## 2. Orifice



Restricted

Unrestricted

## 2. Shape- Rims



## 2. Shape: Base



Conical/Rounded



Feet



Plain/Flat



Footring

Pedestal



## 2. Shape: Handles



Tubular/Round



Lug



Strap



Knob



### 3. Paste: Color



<https://twitter.com/CeramicTechLab/status/1430166780442447888>

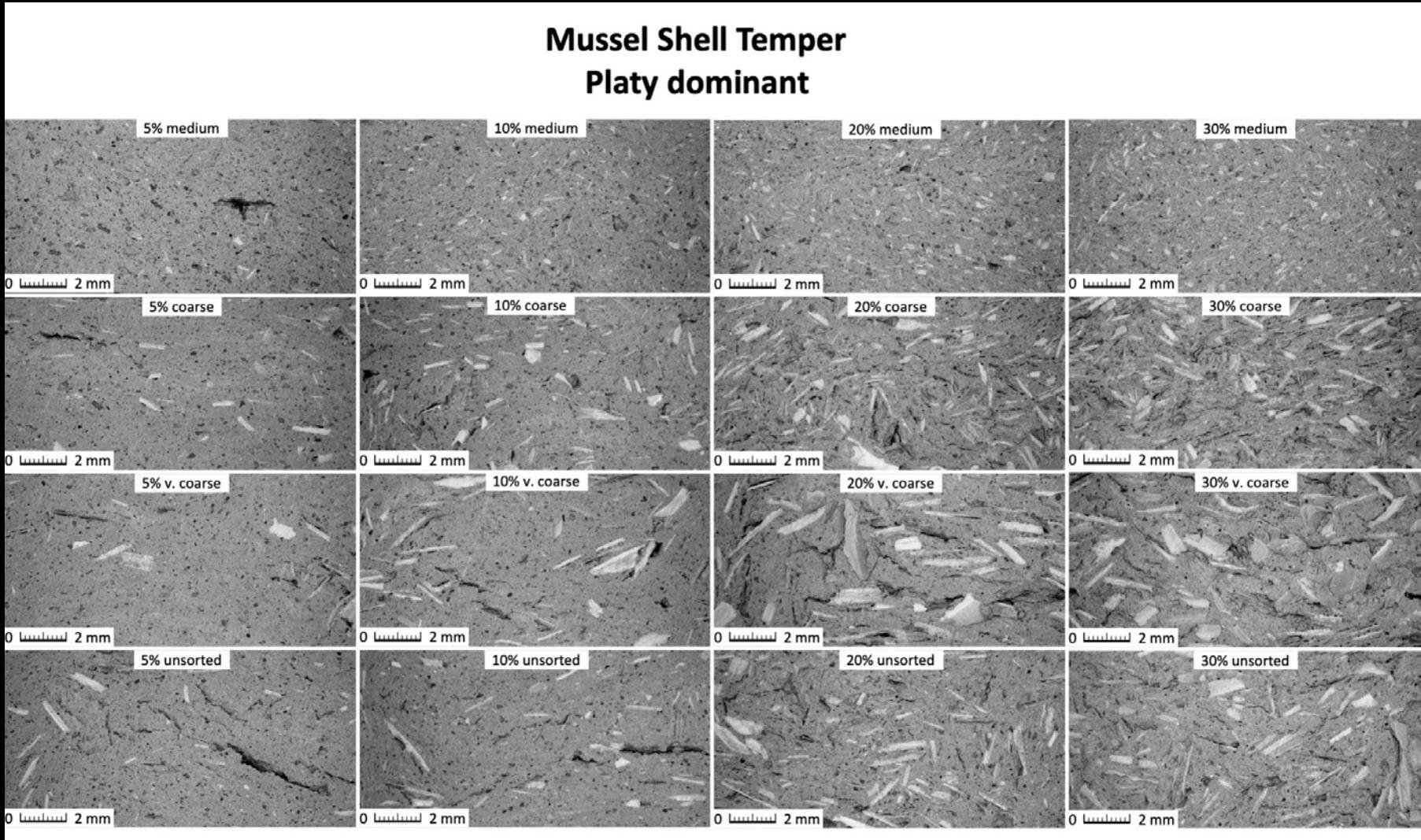
### 3. Paste: Color



### 3. Paste: Reduction

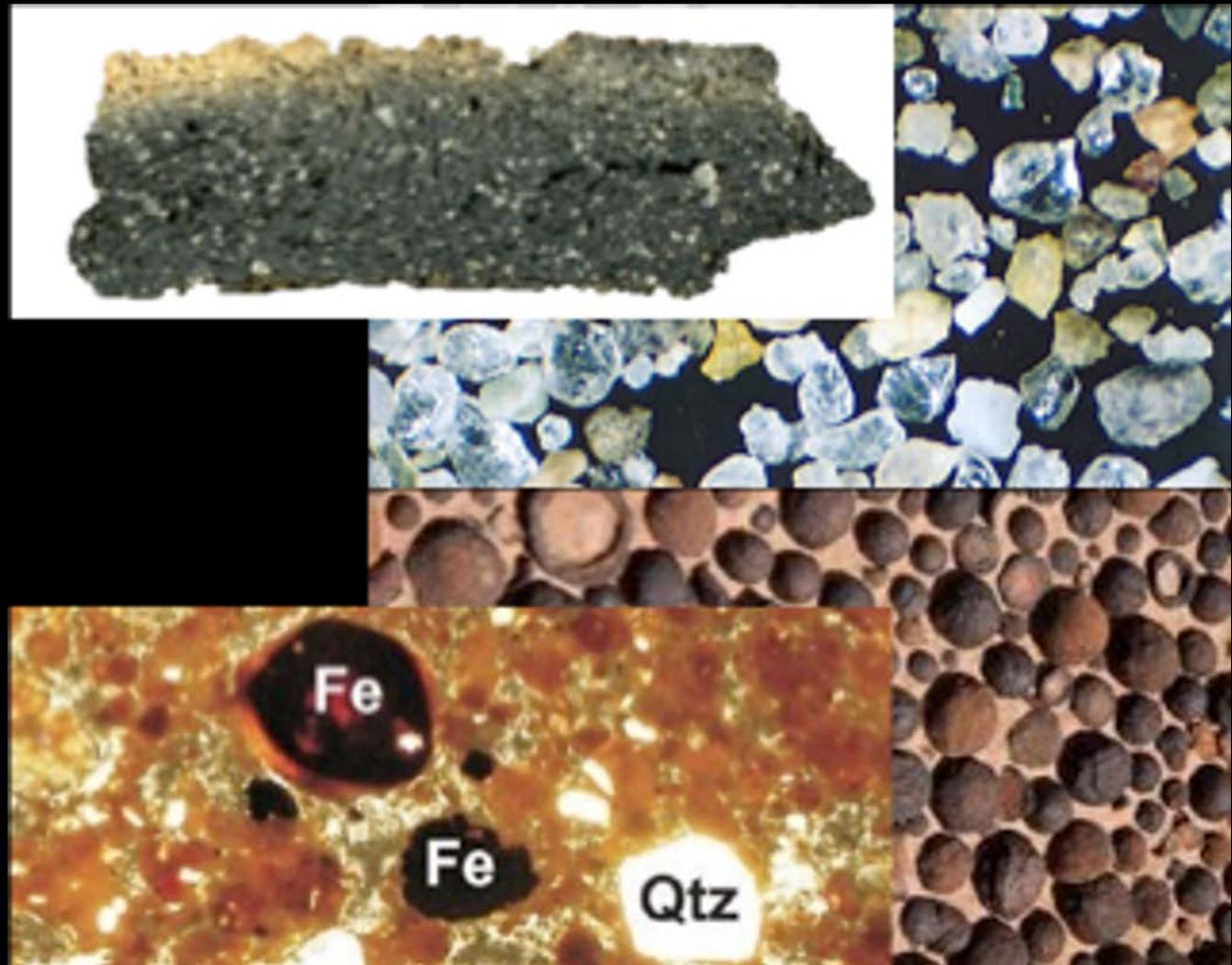


### 3. Paste: Inclusion Density



### 3. Paste: Inclusion Type

- Quartz
- Hematite
- Grog
- Shell



# 3. Paste: Inclusion Type



- Quartz
  - Hematite
  - Grog
  - Shell  
  - Wentworth Scale



PHI - mm COVERAGE $\phi = \log_2 (d \text{ in mm})$ $1\mu\text{m} = 0.001\text{mm}$		Fractional mm and Decimal inches	SIZE TERMS (after Wentworth, 1922)	SIEVE SIZES		Number of grains per mg	Settling Velocity (Quartz, 20°C)	Threshold Velocity for traction cm/sec
$\phi$	mm			ASTM No. (U.S. Standard)	Tyler Mesh No.			
-8	256	-10.1"	BOULDERS ( $\geq -8\phi$ )					
-7	200	-5.04"	COBBLES					
-6	128	-5.04"	PEBBLES		very coarse	-2 1/2" -2.12" -1 1/2" -1 1/4" -1.06"	2" 1 1/2" 1.05" .742" .525"	
-5	100	-2.52"			coarse	-3/4" -5/8" -7/16" -3/8" -5/16" -.265"	.525" .371" 3	
-4	64.0	-1.26"			medium	-4	4	
-3	53.9	-0.63"			fine	-5	5	
-2	45.3	-0.32"			very fine	-6	6	
-1	33.1	-0.16"			Granules	-7	7	
0	20.0	-.08" inches	SAND		very coarse	-8	8	
1	16.0	mm			coarse	-10	9	
2	13.4				medium	-12	10	
3	11.3				fine	-14	12	
4	9.52				very fine	-16	14	
5	8.00				Granules	-18	16	
6	6.73				very coarse	-20	20	
7	5.66				coarse	-25	24	
8	4.76				medium	-30	28	
9	4.00				fine	-40	32	
10	3.36				very fine	-45	35	
11	2.83				Granules	-50	42	
12	2.38				very coarse	-60	48	
13	2.00				coarse	-70	60	
14	1.63				medium	-80	65	
15	1.41				fine	-100	80	
16	1.19				very fine	-120	100	
17	1.00				Granules	-140	115	
18	.840				very coarse	-170	150	
19	.707				coarse	-200	170	
20	.545				medium	-230	200	
21	.500				fine	-270	250	
22	.420				very fine	-325	270	
23	.354				Granules	-400	325	
24	.297		SILT		very coarse			
25	.250				coarse			
26	.210				medium			
27	.177				fine			
28	.149				very fine			
29	.125				Granules			
30	.105				very coarse			
31	.088				coarse			
32	.074				medium			
33	.062				fine			
34	.053				very fine			
35	.044				Granules			
36	.037				very coarse			
37	.031				coarse			
38	.022				medium			
39	.016				fine			
40	.008				very fine			
41	.004		CLAY		Granules			
42	.002				very coarse			
43	.001				coarse			
44	.001				medium			
45	.001				fine			
46	.001				very fine			
47	.001				Granules			
48	.001				very coarse			
49	.001				coarse			
50	.001				medium			
51	.001				fine			
52	.001				very fine			
53	.001				Granules			
54	.001				very coarse			
55	.001				coarse			
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58	.001				very fine			
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67	.001				coarse			
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70	.001				very fine			
71	.001				Granules			
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120	.001				very coarse			
121	.001				coarse			
122	.001				medium			
123	.001				fine			
124	.001				very fine			
125	.001				Granules			
126	.001				very coarse			
127	.001				coarse			
128	.001				medium			
129	.001				fine			
130	.001				very fine			
131	.001				Granules			
132	.001				very coarse			
133	.001				coarse			
134	.001				medium			
135	.001				fine			
136	.001				very fine			
137	.001				Granules			
138	.001				very coarse			
139	.001				coarse			
140	.001				medium			
141	.001				fine			
142	.001				very fine			
143	.001				Granules			
144	.001				very coarse			
145	.001				coarse			
146	.001				medium			
147	.001				fine			
148	.001				very fine			
149	.001				Granules			

# 4. Decoration

## Surface Treatment or Decoration?



### Common Stamped Designs on Florida Pottery

**Simple stamped:**  
paddle carved with parallel lines used to create a pattern of grooves



**Complicated stamped:** designs carved into a wooden paddle. Called complicated as there are typically multiple repeating elements (beyond straight lines), or a complex form such as animal iconography



**Cross-simple stamped:**  
Simple stamped paddle marks overlaid at 90° angle. One set of lines clearly under the other.  
Paddle forms raised squares on vessel surface.



**Check stamped:** paddle carved with a regularly spaced cross-hatched pattern. Paddle forms indented squares on vessel surface



**Line block stamped:** a variety of complicated stamping with alternating squares of simple stamping (occ. other designs) carved onto the same paddle.



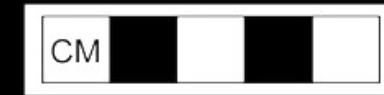
**Linear check stamped:**  
paddle carved with parallel lines, with shallower lines at 90° angle, so that checks only appear within the indented bands on vessel surface.



**Cob marked:** a corn cob rolled across the surface, creating a repeating roughened appearance. Often discontinuous or curving due to irregularities in the cob.

## 4. Decoration

- Punctuation
- Incising
- Burnishing
- Paint/Slip
- Appliqué



## 5. Wear/Condition: Fire Clouding



## 5. Wear/Condition: Residue/Soot



## 5. Wear/Condition: Residue



## 5. Surface: Smudging



## 5. Wear/Condition: Post-Manufacturing Mod



FM  
FLORIDA  
MUSEUM

## 5. Wear/Condition: Post-Manufacturing Mod

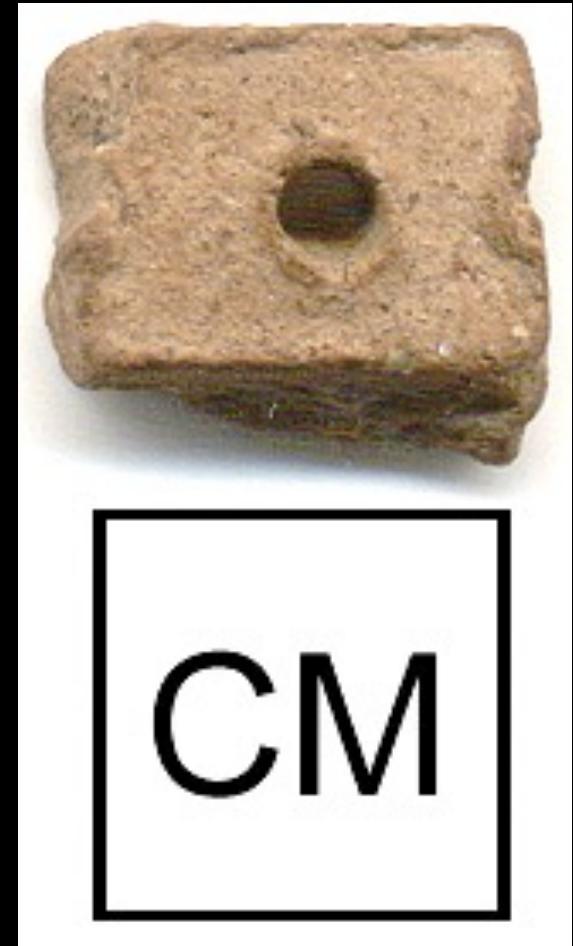




## 5. Wear/Condition: Post-Manufacturing Mod



Drilled hole



Manufacturing hole