

**Earthenware – Bede Clarke**

\*currently using

**Clay Bodies:**

\*Dense Red Earthenware – good for functional work 4.7% porosity at Cone 03

Red Art Clay	60
Carbondale Red	10
Newman Red	10
Ball Clay	10
Talc	5
Wollastonite	5
ADD:	
Frit 3124	1.50
Bentonite	1.50
Silica Sand/Pyrophyllite	10

Lud's Earthenware – Better for larger forms – probably would go to cone 1 or even 2

Newman Red	35
Red Art	35
Fire Clay	10
Ball Clay	10
Talc	10
Medium Grog	10

***Slips:***

\*Stephenson Slip – can be used with mason stains, approximately 2 TBSP to cup of slip

EPK	12.50
Georgia Kaolin (Diamond Sub)	12.50
Ball Clay	25
Frit 3124	20
Talc	5
Flint	20
Pyrophyllite(flour)	5
Zircopax	5

Off White Add Rutile .25%

**Overglaze/Underglaze Stain Mix**

I use this as an underglaze right on top of white slip at leather hard. It can be used as an overglaze on bisqueware. I use it on earthenware but it works fine at cone 10 as an overglaze as well.

Gerstly Borate – 3-4 parts by volume

Mason Stain – 1 part by volume

**Clear Glazes: Use very thin**

**\*Altered Arbuckle Clear**

3124 Frit	60
3110 Frit	6
Minspar	17
EPK	11
Nepheline Syenite	6
Bentonite	2
Epsom Salt	Dash

**Ron Meyers:**

Frit 3124	80
EPK	10
Silica	10
Bentonite	2
Epsom Salt	Dash

Expansion Adjustable Glaze – Frit 3134 can be increased at the expense of 3124 if the glaze is shivering and vice versa if it is crazing

Frit 3124	40
Frit 3134	40
EPK	20
Bentonite	2
Epsom Salt	Dash

**DigitalFire Expansion Adjustable Clear,**      If crazing      if shivering

Frit 3195	65	65	65
Frit 3110	10	0	20
Frit 3249	10	20	0
Ball Clay (#5)	15	15	15

**Pinnell Clear Variation–Low Expansion**      CONE 03      Cone 2-6

Frit 3195	70	55
EPK	10	20
Silica	10	15
Mag Carb	10	10
Bentonite	2	2
Epsom Salt	Dash	dash