## Dark Cushing \( \Delta 10 \)

**Recipe:**
- OM-4 \( 12\% \)
- Goldart \( 32 \)
- Hawthorn 50 \( 32 \)
- Custer Feldspar \( 10 \)
- Lizella \( 6 \)
- Barnard Sub \( 4 \)
- Alumina \( 4 \)

Revised from Val Cushing’s Handbook.

## Necroterrene \( \Delta 5 \)

**Recipe:**
- Lizella \( 34\% \)
- EPK \( 33 \)
- Alberta Sub \( 33 \)

Add:
- Fine Grog \( 10 \)
- Granular Manganese 20M \( 10 \)
- Cobalt Oxide \( 1 \)

Experimental black clay body. Very narrow firing range. It would probably make a better slip than a clay body.

## White Lightning \( \Delta 10 \)

**Recipe:**
- New Zealand Kaolin \( 25\% \)
- Super Standard Porcelain \( 25 \)
- Mahavir \( 20 \)
- Nephline Syenite \( 10 \)
- Silica \( 20 \)

Add:
- Molochite 200 \( 15 \)
- Bentolite \( 4 \)
- Cotton Liner \( 1 \)

Experimental super white porcelain paper clay for small objects. Consider substituting with toilet paper if cotton liner is not available.

## Yi Xing Red \( \Delta 6 \ Ox \)

**Recipe:**
- OM-4 \( 40\% \)
- Redart \( 60 \)

Add:
- Barium Carbonate \( 0.5 \)

One of Richard Notkin’s Yi Xing clay bodies. Good for small wares – shrinks a lot.

## Microblue \( \Delta 10 \)

*We used CC 1525 – Mason 6371 is a possible sub

**Recipe:**
- Tile 6 \( 45\% \)
- Tennessee 10 \( 10 \)
- Mahavir \( 25 \)
- Blue Ceramic Stain* \( 20 \)

Add:
- Molochite 80 \( 5 \)
- Molochite 120 \( 5 \)
- Bentonite \( 2 \)

Designed to introduce color into another clay body. Mix a small batch and then wedge it into white porcelain.

## Alfred Gold \( \Delta 6 \)

**Recipe:**
- Alfred Clay* \( 50\% \)
- Goldart \( 50 \)

Add:
- Barium Carbonate \( 0.5 \)

*sourced and processed in Alfred, NY

We dug a few hundred pounds of clay out from the foundation of the Alfred Ceramic Art Museum. It was not very plastic, so we mixed it with Goldart which made it a nice mid-range throwing body.
**Microblue 2 \(\Delta 10\)**

**Recipe:**
- Grolleg 56%
- Custer Feldspar 18
- Silica 15
- Pyrax 5
- Molochite 200 3
- Bentonite 3

Add:
- Mason Dark Teal #6371 25

Designed to introduce color into another clay body. Mix a small batch and then wedge it into white porcelain.

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**Alfred Shale \(\Delta 1\)**

**Recipe:**
- Shale* 100%

Add:
- Barium Carbonate 0.5

*sourced and processed in Alfred, NY

Shale that was dug and then crushed in a Hammer Mill at Alfred University.

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**Strawberry Shortcake \(\Delta 10\)**

**Recipe:**
- Grolleg 50%
- Flint 25
- Mahavir 25

Add:
- Veegum 1
- MN AL Pink Stain 6.66
- Red Grog 6

**Red Grog Recipe:**
- Minspar 86.5
- Ferro 3195 4.5
- Veegum 9
- Dark Red #6021 7

We wanted to make a glaze into a grog. The grog recipe was prepared and cast into plaster block molds, fired to cone 1, and crushed to 16 mesh. Then it was mixed with a pink porcelain clay body.

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**V.C. 66\(\Delta 10\)**

**Recipe:**
- Grolleg 50%
- G-200 HP 25
- Silica 25

Add:
- Veegum 3
- Val Cushing Glaze Grog* 5

*The glaze grog is a combination of all the cone 10 glaze recipes from the third edition of Cushing's Handbook

**Fire on sand**

We wanted to make a glaze into a grog. The grog recipe was prepared and cast into plaster block molds, fired to cone 1, and crushed to 16 mesh. Then it was mixed with a pink porcelain clay body.
Purple Ray Δ10

Recipe:
- Grolleg 55.56%
- Custer Feldspar 18.18
- Flint 15.15
- Pyrax 5.05
- Molochite 200M 3.03

Add:
- Bentonite 3.03
- Dark Red #6021 5.25
- Wedgewood #6310 5.25

Description:
- Cone 10
- Porcelain with Roof Tile Grog
- Must be fired on sand

Sugar Rocky Δ10

Body Recipe:
- Grolleg 50
- Custer 25
- Silica 25

Add:
- Veegum 2
- Bentolite 2
- CTCC Roof Tile Grog 15

Grog Details:
Celadon Terra Cotta Company Roof Tiles made of Alfred Shale. Grog bloats when overfired. 10-5 Mesh.

Description:
- Cone 10
- Porcelain with Roof Tile Grog
- Must be fired on sand

Red Rover Δ04-1

Body Recipe:
- Newman Red Clay 50
- Talc 25
- Yellow Iron Oxide 25
- Silica 25
- Whiting 25

Add:
- Bentonite 4

Clay Details:
Designed to mimic the fired chemical chemistry of Martian soil samples as analyzed by NASA.

Description:
- Cone 04-1
- Rich Red Body