

Blue Glazes – Cone 5

SHINY BLUE & YELLOW

Kona F-4.....	48
Gerstly Borate.....	8
Whiting.....	7
Talc.....	2
Grolleg.....	9
Flint.....	21
Zinc ox.....	5
Bentonite.....	2

urant:

Blue//Cobalt carb.....	5
Yellow//Vanadium Stain.....	6

Matt Glaze 1
(Cone 6, reduction)

Dolomite	23.8%
Whiting	4.8
Custer Feldspar	23.8
Nepheline Syenite	23.8
Kentucky Ball Clay (OM 4) ..	23.8
	100.0%

For a light lavender variation, add 1% cobalt carbonate; for light olive green, add 1.5% cobalt carbonate.

Matt Gray/Pink/Blue Glaze
(Cone 6)

Barium Carbonate	4.00-8.00 grams
Lithium Carbonate	1.00-3.00
Whiting	18.00
Nepheline Syenite	40.00
6 Tile Kaolin	4.00-9.50
	67.00-78.50 grams
Add: Chrome Oxide	0.50 gram
Cobalt Carbonate ..	0.25 gram
Manganese Dioxide	0.50 gram
Tin Oxide	8.00 grams

A worn pebble matt gray/pink/steel

Gray to Blue (with Pink) Glaze
(Cone 6, oxidation)

Barium Carbonate	0.50 gram
Gerstley Borate	1.00
Talc	2.50
Cryolite	12.50
	16.50 grams
Add: Cobalt Carbonate	0.25 gram
Rutile	1.50-2.50 grams
Zincopax ...	10.00-16.50 grams

Hal's Dark Blue Gloss Glaze
(Cone 6)

Lithium Carbonate	2.62%
Magnesium Carbonate	14.48
Whiting	14.48
Zinc Oxide	1.17
Nepheline Syenite	35.62
Edgar Plastic Kaolin	7.47
Flint	24.16
	100.00%
Add: Cobalt Oxide	0.50%
Red Iron Oxide	1.00%

Hal's Bluish Gloss Glaze
(Cone 6)

Lithium Carbonate	11.38%
Magnesium Carbonate	7.21
Whiting	14.42
Nepheline Syenite	35.49
Edgar Plastic Kaolin	7.44
Flint	24.06
	100.00%
Add: Copper Carbonate	0.50%
Red Iron Oxide	1.00%

Penicillin Blue Glaze
(Cone 6)

Barium Carbonate	48.39%
Spodumene	27.96
Washed Wood Ash	8.60
Clay Body (any)	15.05
	100.00%
Add: Copper Carbonate	8.60%

Toubes Blue/Green Matte cone 6.

Grolleg.....	45
Whiting.....	45
Custer.....	10
Cobalt carb.....	1
Copper carb.....	1

Albany Blue-Green Glaze (Cone 6)

Albany Slip	63.2%
Gerstley Borate	10.5
Whiting	10.5
Cornwall Stone	15.8
	100.0%
Add: Red Iron Oxide	7.4%

Floating Blue (SEG 39) Base Glaze
provided by Martin Small and Dan Feibig

Nepheline Syenite	47.3%
Gerstley Borate	27.0
Silica	20.3
Kaolin (EPK)	5.4
TOTAL:	100.0%

plus, for Floating Blue

Red Iron Oxide	2.0%
Cobalt Oxide	1.0%
Rutile	4.0%
CMC	1 tsp.

Blue Rust Glaze
(Cone 4-5)

Barium Carbonate	32.55%
Dolomite	23.26
Custer Feldspar	37.21
Edgar Plastic Kaolin	6.98
	100.00%
Add: Copper Carbonate ..	2.33%

Midnight Blue Glaze
(Cone 6-8, oxidation or reduction)

Barium Carbonate	6.50%
Gerstley Borate	20.95
Whiting	1.55
Custer Feldspar	44.79
Edgar Plastic Kaolin	1.03
Flint	25.18
	100.00%
Add: Zinc Oxide	3.30%
Cobalt Oxide	1.55%
Manganese Dioxide	2.58%
Red Iron Oxide	2.58%

V.C. Denim Blue
Tested by Sheila Avruch

Custer Feldspar	40.0
Frit 3124	9.0
Whiting	16.0
Talc	9.0
EPK	10.0
Flint	16.0
TOTAL	100.0%

add colorants:

Cobalt Carbonate	1.2
Copper Carbonate	1.2
Titanium Dioxide	2.0

Straw Glaze

(Cone 6, oxidation or reduction)

Dolomite	13.1 %
Lithium Carbonate	3.3
Whiting	3.9
Frit 3134 (Ferro)	27.5
Edgar Plastic Kaolin	22.2
Flint	30.0
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	100.0 %
Add: Copper Carbonate	2.5 %
Red Iron Oxide	2.0 %

A mossy green glaze (in oxidation or reduction) with matt crystals suspended within glassy fields. Very promising when tested with other colorants, including white (adding no colorants) and blue (adding 1.5% cobalt carbonate).

SJC Turquoise/Red Glaze

(Cone 6, oxidation or reduction)

Gerstley Borate	5.1 %
Whiting	5.8
Custer Feldspar	34.9
Frit P-25 (Pemco)	25.3
Kentucky Ball Clay (OM 4)	3.6
Flint	25.3
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	100.0 %
Add: Copper Carbonate	3.0 %

Blue-Green/Copper Red Glaze

(Cone 6, oxidation or reduction)

Talc	3.30 %
Whiting	14.29
Frit 3134 (Ferro)	13.33
Kona F-4 Feldspar	46.16
Edgar Plastic Kaolin	6.40
Flint	16.52
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	100.00 %
Add: Tin Oxide	2.24 %
Zinc Oxide	4.37 %
Black Copper Oxide	1.07 %

Turquoise Glaze

(Cone 6, oxidation or reduction)

Talc	11.7 %
Whiting	11.1
Custer Feldspar	14.9
Frit 3134 (Ferro)	23.4
Edgar Plastic Kaolin	19.1
Flint	19.8
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	100.0 %
Add: Cobalt Oxide	0.5 %
Chrome Oxide	0.5 %

A lovely magnesium matt glaze that works well in oxidation or reduction; the base glaze also works well with other colorants.

Bronze Green Matt Glaze

(Cone 6, oxidation or reduction)

Whiting	24.20 %
Custer Feldspar	54.90
Edgar Plastic Kaolin	14.30
Flint	6.60
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	100.00 %
Add: Zinc Oxide	9.90 %
Cobalt Oxide	0.44 %
Copper Carbonate	2.97 %
Rutile	5.94 %

Blue/Gray Matt Glaze (Cone 6)	
Barium Carbonate	2.9%
Magnesium Carbonate	6.8
Whiting	7.9
Wood Ash	20.5
Zinc Oxide	0.5
Nepheline Syenite	31.7
Edgar Plastic Kaolin	23.0
Flint	6.7
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	100.0%

Add: Copper Oxide 4.2%
 Manganese Carbonate 3.6%

This very dark, almost black glaze is a waxy matt.

Blue-Green Dark Semigloss Glaze (Cone 6)	
Barium Carbonate	14.7%
Whiting	11.2
Wood Ash	14.9
Zinc Oxide	1.1
Nepheline Syenite	30.8
Edgar Plastic Kaolin	6.5
Flint	20.8
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	100.0%

Add: Copper Carbonate 6.8%

Speckled Blue Glaze (Cone 6)	
Gerstley Borate	50%
Edgar Plastic Kaolin	15
Flint	35
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	100%

Add: Cobalt Oxide 1%

This is a dark, opaque blue glaze with speckles.

Alfred Blue Glaze (Cone 6)	
Dolomite	5.9%
Gerstley Borate	13.5
Whiting	8.2
Zinc Oxide	3.9
Kona F-4 Feldspar	46.1
Edgar Plastic Kaolin	2.7
Flint	19.7
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	100.0%

Add: Cobalt Oxide 0.5%
 Copper Oxide 3.0%

This transparent blue glaze may tend to run.

Blue Speckle Semi-matte

2192°F - 2228°F (cone 5 to 6)

Potash Feldspar	55.0%
Lithium Carbonate	10.0
Whiting	10.0
Ball Clay	5.0
Silica	20.0
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TOTAL	100.0%
add Cobalt Oxide	.25%

Topaz Glaze (Cone 6-8)

Barium Carbonate	3.7%
Gerstley Borate	14.6
Whiting	1.7
Custer Feldspar	50.5
Edgar Plastic Kaolin	1.1
Flint	28.4
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	100.0%

Add: Zinc Oxide 3.7%
 Manganese Dioxide 2.3%
 Red Iron Oxide 2.3%
 Rutile 1.2%

This translucent, glossy glaze is purple to pink, with blue and brown speckles.

Broken Cream-Pearl Glaze

2192°F - 2228°F (cone 5 to 6)



Broken Cream-Pearl
on stoneware clay body

Potash Feldspar	28.0%
Whiting	14.0
Dolomite	14.0
Zinc Oxide	10.0
Lithium Carbonate	3.0
Bentonite	4.0
Silica	20.0
Rutile	2.0
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TOTAL	100.0%

A decorative, pale blue-grey, streaky pearl glaze. Don't overfire—it may run!