

Georgia Regents University GLAZE LIST (HOLLINGSWORTH/CERAMICS)

## RAKU GLAZES

### Higby Water Blue

70 frit 31 1 0  
5 gerstley borate  
5 flint  
5 EPK

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85

Add copper carbonate 3-6%. A blue-turquoise glaze that reduces to copper penny. For lime green color increase copper to 8%.

### Seth Blue Luster

2000 gerstley borate  
500 nepheline syenite  
31 tin oxide  
250 copper carbonate  
125 cobalt carbonate

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2906

### Rick's Turquoise

982 gerstley borate  
495 nepheline syenite  
505 spodumene  
515 lithium  
477 zircopax  
65 copper carbonate

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3039

Add 2% bentonite to this batch. A delicate turquoise color with eggshell texture. Delicate copper reduction effects.

### Crimson Glaze

80 gerstley borate  
20 nepheline syenite  
5 kaolin  
10 zircopax

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115

Add 15% crimson stain. Use this glaze for accents. It has no reduction effects - it's pink no matter what. Firing it too high can cause the pink to burn to white in spots.

### **Mottled Brown**

80 gerstley borate  
20 nepheline syenite  
5 kaolin

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105

Add copper carbonate 5%.

Add red iron oxide 10%

Also known as "Green/Red Glaze." Depending on reduction treatment, this glaze shows a variety of color effects.

### **Sunday Copper Matte**

90 copper carbonate  
10 frit 3110

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100

Add 3% bentonite.

A dry surface with the full range of iridescent colors.

### **Robert Bazemore's Sunday Copper Matte Variations:**

1) Bubba's Secret Sauce: One layer of Sunday Copper Matte over one layer of Mottled Brown. Result: reds & oranges with cracking of glaze.

2) Bubba's Secret Sauce, Cajun Style: One layer of Mottled Brown over one layer of Sunday Copper Matte. Result: Strong yellows with reds and oranges.

3) The Flying Toe-Hold: First, a layer of Rick's Turquoise, then a layer of Mottled Brown, then last a layer of Sunday Copper Matte. Thin layers are best! Result: reds, oranges, greens, some silver.

For all of Robert's variations, use heavy postfiring reduction.

### **Clear Glaze**

80 gerstley borate  
20 G-200 feldspar

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100

### **Turquoise Crackle Raku**

80 gerstley borate  
20 titanium dioxide

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100

Add 4% copper carbonate

### **CRM-3 (Crusty & Iridescent)**

#### **PARTS BY WEIGHT**

8 gerstley borate  
2 bone ash  
1/4 cobalt carbonate  
1/2 copper carbonate

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10 ¾ parts

Iridescent, matt, luster effects. A crusty blue glaze with iridescent patina. Good layered over shiny glazes or used alone.

### **Sam's Bubble Gum Glaze**

80 gerstley borate  
15 G-200 feldspar  
5 whiting  
5 zircopax

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105

Add 12% mulberry stain.

This glaze is best if fired in its lower ranges, just after the bubbles clear in the raku kiln - then it's a satin matt shading from soft gray-blue to flashes of purple-pink. If fired higher, it turns into a mottled burgundy gloss - fine, but not as exciting.

### **Alligator Crawl**

2500 gerstley borate  
1250 bone ash  
625 nepheline syenite  
625 copper carbonate  
535 tin oxide

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5535

A very dry glaze.

### **Turquoise Alkaline Matt**

55 nepheline syenite  
26 barium carbonate  
2 lithium carbonate  
7 flint  
6 china clay  
4 copper carbonate

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100

A very dry matt surface, turquoise when completely oxidized. Reduces very easily (spots of yellow, burgundy, and black).

### **Copper Zuppo**

45.0 gerstley borate  
11.0 nepheline syenite  
16.5 EPK  
27.5 borax

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100

Add copper carbonate 10%. Remove from the kiln quickly and reduce thoroughly - yields amazing satin matt luster effects.

### **Glass Bead Raku**

50 gerstley borate  
40 borax  
10 flint  
50 magnesium carbonate  
10 zircopax

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160

### **White Crackle Raku**

80 gerstley borate  
20 G-200  
5 EPK  
10 Zircopax

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115

### **Metallic Red Raku**

50 borax  
50 gerstley borate  
5 copper carbonate  
10 red iron oxide

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115

### **Tomato Red Raku**

50 borax  
50 gerstley borate  
20 copper carbonate  
5 iron oxide

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125

### **Kansas City Red Raku**

50 borax  
50 gerstley borate

10 copper carbonate  
50 rutile

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160

**Lizard Skin Raku**

10 borax  
15 lithium  
70 gerstley borate  
20 nepheline syenite  
40 magnesium carbonate  
5 copper carbonate  
.4 chrome

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160.4

**Darwin Raku**

2500 gerstley borate  
2500 3134  
255 tin oxide  
322.5 copper carbonate

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5577.5

**Flaming Moondrops Raku**

20 lithium  
40 magnesium carbonate  
70 gerstley borate  
6 copper carbonate  
.30 chrome

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136.30

-apply thickly-

**Hawaiian Copper Blue Raku**

20 bone ash  
80 gerstley borate

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100

Add 1.3% tin oxide  
5.0% copper carbonate  
2.5% cobalt oxide

This glaze is on the matte side.

**Craters of the Moon Raku**

50 lithium carbonate

20 kaolin  
20 magnesium carbonate  
60 flint  
10 bentonite  
30 borax  
12 copper carbonate

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202

Lots of iridescence, sort of shiny.

**Earthmother Raku**

30 lithium carbonate  
30 gerstley borate  
20 silica  
10 ball clay  
10 talc

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100

Add: 1% cobalt carbonate  
3% copper carbonate  
1% manganese dioxide

Shiny glaze, brown base with red flashes.

**Red Hot Raku**

50 nepheline syenite  
30 frit 3819  
4 tin oxide  
1 black copper oxide

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84

Near-matte surface, dull red in color.

**Ocean Oil Texture Raku**

30 lithium carbonate  
40 gerstley borate  
10 kaolin  
20 borax  
6 copper carbonate  
40 whiting

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**Weiser Rust - raku**

5.5 gerstley borate  
1.25 nepheline syenite  
1.875 copper carbonate

.5 nickel oxide  
.5 tin oxide

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9.625

These are parts by VOLUME. The author of the recipe suggests using a cup as the unit of measure. Note that 1.875 is 1 cup plus 7/8 of another cup.

**Black Raku**

3.22 borax  
43.01 gerstley borate  
21.51 soda ash  
10.75 nepheline syenite  
21.51 barnard clay

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100.00

Add: 4.30% cobalt carbonate  
2.15% copper carbonate

**'Shroom Brown raku**

85 frit 3110  
7.5 ball clay  
7.5 calcium carbonate

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100.0

Add: 1.5% copper oxide  
6% iron oxide

**Mary Jane Blue raku**

85 frit 3110  
7.5 ball clay  
7.5 calcium carbonate

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100.0

Add 5% cobalt oxide  
5% tin oxide

**Honey Yellow raku**

55 gerstley borate  
30 EPK  
5 flint  
5 zircopax  
1 manganese dioxide  
2 vanadium pentoxide

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**Wally's Slip raku**

50 Hawthorne Bond  
30 EPK  
20 Silica

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100

**Wally's Glaze Layer raku**

35 gerstley borate  
65 frit 3110

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100

*The two Wally's recipes are used together.* Put the slip on pre-bisqued piece, then apply glaze. Fire in raku kiln until the glaze looks pebbly rather than molten. Take the piece out and smoke it (post-fire reduction in combustible material). Submerge the piece in water while it is still fairly hot, or spray water on a hot pot. This should make the slip/glaze combo crack off, revealing smoked crack lines on a smooth piece.



