

# Dewitt's Raku Glazes

These glazes were collected by Dewitt Gimblet 12/31/98.

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## Glaze name: 1 2 3 Clear

**Cone:** 08 - 06

**Firing:** Raku

**Surface texture:** Shiny or Glossy

**Color:** Transparent Clear

**Testing:** Untested

**Date:** 7/19/95

**Recipe:** (Percent, Batch)

Gerstley borate	50.00	50.00
EPK	33.33	33.33
Silica	16.67	16.67

Totals:	100.00	100.00
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**Comments:**

Quantities are given in 'parts' but not stated whether this is parts by weight or volume.

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## Glaze name: Alligator

**Firing:** Raku

**Color:** metallic patina

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	50.00	4.00
Bone ash	25.00	2.00
Nepheline syenite	12.50	1.00
Copper carbonate	12.50	1.00

Totals:	100.00	8.00
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**Comments:**

Recipe in parts by volume.

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## Glaze name: Barium White

**Firing:** Raku

**Color:** White

**Date:** 07/22/98

**Recipe:** (Percent, Batch)

Gerstley borate	62.66	990.00
Potash Spar (G-200)	12.66	200.00
Silica (Flint)	12.03	190.00
Ball clay (OM-4)	6.33	100.00
Barium carbonate	6.33	100.00

Totals:	100.00	1580.00
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**Comments:**

(Pure to smoky white, depending on clay body, will crackle a bit, but surface remains smooth, will get a beautiful smoky color in the cracks).

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## Glaze name: Basic white crackle

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	65.00	65.00
Tennessee ball clay	5.00	5.00

Nepheline syenite	15.00	15.00
Tin oxide	10.00	10.00
Flint	5.00	5.00

Totals:	100.00	100.00
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**Comments:**

Branfman's regular white glaze. Apply it thick and you will get a nice bright, opaque white. Also a good base to experiment with.

## Glaze name: Beads

**Cone:** 06-04

**Firing:** raku

**Surface texture:** matt

**Date:** 12/17/98

**Recipe:** (Percent, Batch)

Magnesium carb	31.25	50.00
Borax	25.00	40.00
Gerstley borate	31.25	50.00
Flint	6.25	10.00
Zircopax	6.25	10.00

Totals:	100.00	160.00
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**Comments:**

## Glaze name: Black Gloss

**Firing:** Raku

**Surface texture:** Gloss

**Color:** Black

**Date:** 06/11/98

**Recipe:** (Percent, Batch)

Borax	10.00	10.00
Gerstley borate	40.00	40.00
Soda ash	20.00	20.00
Nepheline syenite	10.00	10.00
Barnard clay	20.00	20.00

Totals:	100.00	100.00
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**Also add:**

Cobalt carbonate	4.00	4.00
Copper carbonate	2.00	2.00

**Comments:**

## Glaze name: Black Raku

**Firing:** Raku

**Color:** Black

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	43.14	44.00
Soda ash	21.57	22.00
Barnard clay	18.63	19.00
Nepheline syenite	10.78	11.00
Cobalt carbonate	3.92	4.00
Copper carbonate	1.96	2.00

Totals:	100.00	102.00
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**Comments:**

From Piepenburg's Book "Raku Pottery"

## Glaze name: Blue Black Purple

**Glaze type:** Ca B MidRoad

**Cone:** 08 - 06

**Firing:** Raku

**Color:** silver blue to silver bronze

**Testing:** Untested

**Date:** 7/19/95

**Recipe:** (Percent, Batch)

Gerstley borate	50.00	50.00
Nepheline syenite	50.00	50.00
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Totals:	100.00	100.00

**Also add:**

Copper carbonate	50.00	50.00
Rutile	50.00	50.00

**Comments:**

NOTE that recipe is in parts - not stated whether that's parts by weight or volume We have been using these two glazes along with white crackle and copper wash and have gotten VERY NICE results. Apply 1 coat. Stie glaze with each brush stroke to keep rutile in suspension. Our raku kiln is fired between 1830 and 1900 degrees. Reduce in very heavy pine needles, broken pine cones and some sawdust. The surface effect is like a 100 grit sandpaper. Colors range from a silver blue to silver/bronze with flashes of color that can run the full spectrum. Lots of bright teal and purple with halos of fuschia and mustard. Every now and then I get splotches of tomato red! Can be refired over and over until you love it or ugly it too death!!

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## Glaze name: Blue crackle

**Firing:** Raku

**Color:** Blue

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	75.47	80.00
Cornwall Stone	18.87	20.00
Cobalt carbonate	5.66	6.00
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Totals:	100.00	106.00

**Comments:**

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## Glaze name: Blue Velvet

**Firing:** Raku

**Color:** Blue

**Date:** 07/22/98

**Recipe:** (Percent, Batch)

Gerstley Borate	30.00	300.00
Nepheline Sy	10.00	100.00
Alumina Ox	20.00	200.00
Cobalt Carb	20.00	200.00
Rutile	20.00	200.00
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Totals:	100.00	1000.00

**Comments:**

(beautiful deep multicolor blue, especially if you scrub it)

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## Glaze name: Bob's Copper Red

**Firing:** Raku

**Color:** red

**Date:** 06/11/98

**Recipe:** (Percent, Batch)

Gerstley borate	59.32	70.00
G-200 Feldspar	25.42	30.00
Frit 3110	8.47	10.00
Black copper oxide	6.78	8.00
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Totals:	100.00	118.00

**Comments:**

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## Glaze name: Carbon

**Cone:** 06-04

**Firing:** raku

**Surface texture:** matt

**Date:** 12/17/98

**Recipe:** (Percent, Batch)

Magnesium carb	12.15	30.00
Borax	32.39	80.00
Gerstley borate	24.29	60.00
Rutile	12.15	30.00
Red iron oxide	16.19	40.00
Cobalt oxide	2.83	7.00
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Totals:	100.00	247.00

**Comments:**

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## Glaze name: Carole's Perfect White

**Cone:** 08 - 06

**Firing:** Raku

**Surface texture:** ?

**Color:** White

**Testing:** Untested

**Date:** 7/19/95

**Recipe:** (Percent, Batch)

Colemanite	52.63	52.63
Lithium carbonate	10.53	10.53
Nepheline syenite	31.58	31.58
EPK	5.26	5.26
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Totals:	100.00	100.00

**Also add:**

Tin oxide	5.26	5.26
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**Comments:**

NOTE: originally specified 'tin oxide or zircopax' but if using zircopax a larger quantity (8-10%?) may be required.

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## Glaze name: Charlie Riggs Opaque Gloss Crackle

**Cone:** 06-04

**Firing:** Raku

**Date:** 06/16/98

**Recipe:** (Percent, Batch)

Gerstley borate	41.90	41.90
Potash feldspar	32.40	32.40
Pemco Frit #625	14.90	14.90
Flint	10.80	10.80
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Totals:	100.00	100.00

**Comments:**

Either Pemco Frit #625 or Ferro #3289

Variations --

For Blue, add cobalt carbonate-1/2% to 1%

For Green, add copper carbonate-3% to 6%

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## Glaze name: Chris Thompson's Black

**Firing:** Raku

**Color:** Black

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Frit 3110	25.75	30.00
Nepheline syenite	17.17	20.00
Gerstley borate	42.92	50.00
Manganese dioxide	3.86	4.50
Cobalt oxide	3.43	4.00

Copper oxide	3.86	4.50
iron oxide	3.00	3.50
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Totals:	100.00	116.50

**Comments:**

Can omit manganese dioxide and still get a nice black.

### Glaze name: Clear (Soldner's)

**Cone:** 08 - 06

**Firing:** Raku

**Color:** Clear

**Testing:** Untested

**Date:** 7/19/95

**Recipe:** (Percent, Batch)

Colemanite	80.00	80.00
Nepheline syenite	20.00	20.00
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Totals:	100.00	100.00

**Comments:**

### Glaze name: Clear Base

**Firing:** Raku

**Color:** Clear

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Gerstley borate	67.00	67.00
Frit 3403	8.00	8.00
Nepheline syenite	17.00	17.00
Kaolin	8.00	8.00
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Totals:	100.00	100.00

**Comments:**

For color variations, add 10% commercial stain.

### Glaze name: Clement Dolphin Blue

**Firing:** Raku

**Color:** Blue

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	47.46	7.00
Bone ash	20.34	3.00
Nepheline syenite	13.56	2.00
Cornwall Stone	6.78	1.00
Copper carbonate	6.78	1.00
Cobalt oxide	5.08	0.75
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Totals:	100.00	14.75

**Comments:**

Recipe in parts by volume.

From Piepenburg's book "Raku Pottery"

### Glaze name: Cloud White

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	75.00	75.00
Feldspar	25.00	25.00
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Totals:	100.00	100.00

**Comments:**

From Piepenburg's book "Raku Pottery"

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## Glaze name: Copper Blue

**Firing:** Raku

**Color:** turquoise to reddish

**Date:** 07/22/98

**Recipe:** (Percent, Batch)

Frit 3110	66.67	700.00
Gerstley Borate	6.67	70.00
Silica (Flint)	9.52	100.00
Soda Ash	9.52	100.00
Kaolin (EPK)	4.76	50.00
Copper Carb	2.86	30.00
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Totals:	100.00	1050.00

**Comments:**

(solid turquoise to reddish depending on how you reduce)

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## Glaze name: Copper Luster

**Firing:** Raku

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Gerstley borate	80.00	80.00
Nepheline syenite	20.00	20.00
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Totals:	100.00	100.00

**Also add:**

Cobalt oxide	1.10	1.10
copper oxide	2.10	2.10
yellow ochre	7.80	7.80

**Comments:**

Variations --

This glaze looks best when applied thin. I generally dip the pot once in a thin mixture. The glaze has a dark cranberry luster in appearance. I place pieces glazed with Copper Luster in a lidded trash can filled with newspaper, since this seems to make the colors shine a bit brighter.

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## Glaze name: Copper Matt

**Firing:** Raku

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Red copper oxide	78.00	78.00
Red iron oxide	9.00	9.00
Frit 3110	13.00	13.00
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Totals:	100.00	100.00

**Comments:**

Adding a drop or two of dishwasher detergent to the liquid batch facilitates mixing.

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## Glaze name: Copper Matte

**Firing:** raku

**Color:** copper

**Date:** 06/11/98

**Recipe:** (Percent, Batch)

Copper carbonate	82.47	80.00
Frit 3110	10.31	10.00
Red iron oxide	7.22	7.00
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Totals:	100.00	97.00

**Comments:**

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**Glaze name: Copper Penny**

**Cone:** 012 - 06

**Firing:** Raku

**Surface texture:** Shiny or Glossy

**Color:** opaque copper metallic

**Testing:** Untested

**Date:** 7/19/95

**Recipe: (Percent, Batch)**

Gerstley borate	80.00	80.00
Potash feldspar	20.00	20.00

Totals:	100.00	100.00
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**Also add:**

Copper carbonate	2.00	2.00
Cobalt carbonate	1.00	1.00
Yellow Ochre	7.00	7.00

**Comments:**

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**Glaze name: Copper Red Luster**

**Cone:** 08

**Firing:** Raku

**Date:** 10/18/98

**Recipe: (Percent, Batch)**

Gerstley borate	80.00	80.00
Nepheline syenite	20.00	20.00

Totals:	100.00	100.00
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**Also add:**

Black copper oxide	3.00	3.00
Cobalt oxide	1.00	1.00

**Comments:**

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**Glaze name: Copper Sand**

**Firing:** Raku

**Color:** Metallic patina

**Date:** 05/13/98

**Recipe: (Percent, Batch)**

Gerstley borate	74.42	8.00
Bone ash	18.60	2.00
Copper carbonate	4.65	0.50
Cobalt oxide	2.33	0.25

Totals:	100.00	10.75
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**Comments:**

Recipe in parts by volume.

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**Glaze name: Copper Stain**

**Firing:** raku

**Date:** 10/18/98

**Recipe: (Percent, Batch)**

Frit 3110	10.00	10.00
Copper carbonate	90.00	90.00

Totals:	100.00	100.00
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**Comments:**

Variations --

Apply stain to pot then wipe off with a sponge leaving stain just in the crevices.

Coat with Piepenburg's Clear.

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## Glaze name: Craters

**Cone:** 06-04

**Firing:** raku

**Surface texture:** matt

**Date:** 12/17/98

**Recipe:** (Percent, Batch)

Magnesium carb	9.43	20.00
Kaolin	9.43	20.00
Lithium carbonate	28.30	60.00
Borax	14.15	30.00
Copper carbonate	5.66	12.00
Flint	28.30	60.00
Bentonite	4.72	10.00
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Totals:	100.00	212.00

**Comments:**

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## Glaze name: Crusty Rusty

**Cone:** 08 - 06

**Firing:** Raku

**Testing:** Untested

**Date:** 7/19/95

**Recipe:** (Percent, Batch)

Colemanite	80.00	80.00
Bone ash	20.00	20.00
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Totals:	100.00	100.00

**Also add:**

Copper carbonate	5.00	5.00
Cobalt	2.50	2.50

**Comments:**

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## Glaze name: Dark Blue Luster

**Cone:** 08

**Firing:** raku

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Gerstley borate	80.00	80.00
Nepheline syenite	20.00	20.00
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Totals:	100.00	100.00

**Also add:**

Cobalt carbonate	3.00	3.00
Iron chromate	5.00	5.00
silver nitrate	1.50	1.50

**Comments:**

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## Glaze name: Deep Blue Crackle

**Firing:** raku

**Color:** blue

**Date:** 06/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	69.50	69.50
Nepheline syenite	17.50	17.50
Zircopax	8.70	8.70
Kaolin	4.30	4.30
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Totals:	100.00	100.00

**Also add:**

Cobalt oxide	1.50	1.50
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**Comments:**

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## Glaze name: Deg white Crackle - experimental only

**Firing:** Raku

**Color:** White

**Date:** 11/17/98

**Recipe:** (Percent, Batch)

Frit 3269	65.00	65.00
Gerstley borate	30.00	30.00
Silica 325 Mesh	5.00	5.00

Totals:	100.00	100.00
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**Also add:**

Tin oxide	10.00	10.00
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**Comments:**

Can use Frit P-23 instead of Ferro 3269

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## Glaze name: Del Favero Luster

**Firing:** Raku

**Color:** Turquoise to copper penny luster

**Date:** 09/04/98

**Recipe:** (Percent, Batch)

Gerstley borate	78.43	80.00
Cornwall Stone	19.61	20.00
Copper carbonate	1.96	2.00

Totals:	100.00	102.00
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**Comments:**

A turquoise glaze that turns to a rich copper penny luster under strong postfiring reduction (From Piepenburg)

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## Glaze name: Donna's White

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	40.00	1.00
Nepheline syenite	40.00	1.00
Superpax	20.00	0.50

Totals:	100.00	2.50
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**Comments:**

Recipe in parts by volume.

From Piepenburg's book "Raku Pottery"

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## Glaze name: Dragonfly

**Cone:** 08 - 06

**Firing:** Raku

**Testing:** Untested

**Date:** 7/19/95

**Recipe:** (Percent, Batch)

Ferro Frit 3134	45.00	45.00
Colemanite	40.00	40.00
EPK	8.00	8.00
Silica	7.00	7.00

Totals:	100.00	100.00
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**Also add:**

Copper carbonate	6.00	6.00
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**Comments:**

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## Glaze name: Earthmother

**Cone:** 06-04

**Firing:** raku

**Surface texture:** matt

**Date:** 12/17/98

**Recipe:** (Percent, Batch)

Lithium carbonate	28.04	30.00
Gerstley borate	28.04	30.00
Copper carbonate	2.80	3.00
Flint	18.69	20.00
Cobalt carbonate	0.93	1.00
Ball clay	9.35	10.00
Talc	9.35	10.00
Manganese dioxide	2.80	3.00
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Totals:	100.00	107.00

**Comments:**

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## Glaze name: Eggshell Blue

**Firing:** Raku

**Color:** blue

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Borax	48.49	48.49
Gerstley borate	48.49	48.49
Red iron oxide	0.51	0.51
Copper carbonate	1.01	1.01
Cobalt carbonate	1.52	1.52
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Totals:	100.00	100.00

**Comments:**

Mottled blue to gold orange peel. Recipe calls for granular borax.

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## Glaze name: Egyptian Blue

**Firing:** Raku

**Color:** Blue

**Date:** 06/11/98

**Recipe:** (Percent, Batch)

Soda ash	29.47	30.50
Lithium carbonate	8.21	8.50
EPK	21.74	22.50
Flint	37.20	38.50
Black copper oxide	2.42	2.50
Bentonite	0.97	1.00
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Totals:	100.00	103.50

**Comments:**

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## Glaze name: Fantasy

**Firing:** Raku

**Color:** metallic patina

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	73.56	80.00
Bone ash	18.39	20.00
Tin oxide	1.15	1.25
Cobalt oxide	2.30	2.50
Black copper oxide	4.60	5.00
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Totals:	100.00	108.75

**Comments:**

From Cap Brook's handout

Variations --

Almost identical to Hawaiian Copper Blue

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## Glaze name: Fatty white crackle

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Frit 3134	74.07	80.00
Ball clay	8.33	9.00
Silica	8.33	9.00
Zircopax	9.26	10.00
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Totals:	100.00	108.00

**Comments:**

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## Glaze name: Faux Celadon

**Glaze type:** Ca B

**Cone:** 08

**Firing:** raku

**Surface texture:** Shiny or Glossy

**Color:** greenish blue

**Testing:** Untested

**Date:** 9/20/95

**Recipe:** (Percent, Batch)

Gerstley borate	75.00	75.00
EPK	10.00	10.00
Silica	15.00	15.00
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Totals:	100.00	100.00

**Also add:**

Red iron oxide	2.00	2.00
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**Comments:**

You can also use Black Iron Oxide. I, too, am restricted to an electric kiln and a Raku garbage can kiln in the backyard. Using the Raku kiln for reduction (closing the damper and tiger torch port completely after seeing the glaze melt), I have produced some greenish blue celadon-like bowls. Similar results have been obtained with a straight forward raku firing.. Try the following which is more or less a cone 08 glaze and can be easily modified.

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## Glaze name: Flamedrops

**Cone:** 06-04

**Firing:** raku

**Surface texture:** matt

**Date:** 12/17/98

**Recipe:** (Percent, Batch)

Magnesium carb	29.35	40.00
Lithium carbonate	14.67	20.00
Gerstley borate	51.36	70.00
Copper carbonate	4.40	6.00
chrome oxide	0.22	0.30
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Totals:	100.00	136.30

**Comments:**

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## Glaze name: Flat Black

**Firing:** Raku

**Color:** Black

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	40.98	50.00
Borax	40.98	50.00
Cobalt oxide	1.64	2.00

Iron oxide	8.20	10.00
Rutile	8.20	10.00
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Totals:	100.00	122.00

**Comments:**

From Capp Brook's handout.

## Glaze name: Glass Red

**Firing:** Raku

**Color:** Red

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	31.25	50.00
Borax	31.25	50.00
Iron oxide	6.25	10.00
copper oxide	31.25	50.00
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Totals:	100.00	160.00
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**Comments:**

From Capp Brook's handout, he said it looked great on porcelain

## Glaze name: Gold Raku

**Firing:** raku

**Color:** silver-gold

**Date:** 09/04/98

**Recipe:** (Percent, Batch)

Gerstley borate	77.67	80.00
Cornwall Stone	19.42	20.00
Tin oxide	0.97	1.00
silver nitrate	1.94	2.00
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Totals:	100.00	103.00
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**Comments:**

A silver-gold glaze that is very reliable. Mix up only the amount you need and use it immediately. From Piepenburg.

## Glaze name: Great Metallic Red

**Firing:** Raku

**Color:** red

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	63.64	63.00
Custer feldspar	12.12	12.00
Flint	12.12	12.00
Ball clay	6.06	6.00
Barium carbonate	6.06	6.00
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Totals:	100.00	99.00
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**Also add:**

Copper carbonate	12.12	12.00
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**Comments:**

## Glaze name: Green to Maroon Luster

**Cone:** 08

**Firing:** Raku

**Color:** Green to Maroon

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Gerstley borate	80.00	80.00
Nepheline syenite	20.00	20.00
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Totals:	100.00	100.00
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**Also add:**

Copper carbonate 3.00 3.00

**Comments:**

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### Glaze name: Hasselle Copper Matt

**Firing:** Raku

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Black copper oxide 80.00 80.00

Ball clay 20.00 20.00

Totals: 100.00 100.00

**Also add:**

Bentonite 2.00 2.00

**Comments:**

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### Glaze name: Hawaiian Copper Blue

**Cone:** 06

**Firing:** raku

**Color:** Blue

**Testing:** Untested

**Date:** 3/26/96

**Recipe:** (Percent, Batch)

Bone ash 20.00 20.00

Gerstley borate 80.00 80.00

Totals: 100.00 100.00

**Also add:**

Tin oxide 1.30 1.30

Copper carbonate 5.00 5.00

Cobalt oxide 2.50 2.50

**Comments:**

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### Glaze name: Higby Water Blue

**Firing:** Raku

**Color:** blue-turquoise-aqua

**Date:** 09/04/98

**Recipe:** (Percent, Batch)

Frit 3110 71.43 70.00

Gerstley borate 5.10 5.00

Silica 5.10 5.00

Soda ash 10.20 10.00

EPK 5.10 5.00

Copper carbonate 3.06 3.00

Totals: 100.00 98.00

**Comments:**

Beautiful blue-turquoise-aqua glaze that trends toward red when applied thinly and fired in reduction

Variations --

Recipe gives copper carb range of 3-6%

For lime green, increase copper to 8%

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### Glaze name: Hines Patina

**Firing:** Raku

**Color:** metallic patina

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate 50.00 7.00

Bone ash 21.43 3.00

Nepheline syenite 14.29 2.00

Cornwall Stone 7.14 1.00

Copper carbonate 7.14 1.00

-----

Totals: 100.00 14.00

**Comments:**

Recipe in parts by volume.

From Piepenburg's book "Raku Pottery"

---

**Glaze name: Hutchens Copper Matt**

**Firing:** Raku

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Gerstley borate 80.00 80.00

Nepheline syenite 20.00 20.00

-----  
Totals: 100.00 100.00

**Also add:**

Bone ash 20.00 20.00

Cobalt carbonate 3.00 3.00

Copper carbonate 7.00 7.00

**Comments:**

(from Gordon Hutchens)

This glaze seems to produce the best results in terms of color density and brilliance if applied in a thin coat. I generally dab on two coats with a sponge or dip the piece once into a thin mixture.

---

**Glaze name: Kuentzel Blue/Black/Purple**

**Firing:** Raku

**Color:** Black

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate 25.00 1.00

Nepheline syenite 25.00 1.00

Copper carbonate 25.00 1.00

Rutile 25.00 1.00

-----  
Totals: 100.00 4.00

**Comments:**

Recipe in parts by volume.

From Piepenburg's book "Raku Pottery"

---

**Glaze name: Large Crackle**

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate 60.00 60.00

Spodumene 35.00 35.00

Ball clay 5.00 5.00

-----  
Totals: 100.00 100.00

**Comments:**

A bit higher temp than most raku glaze. Medium application, doesn't run, don't apply to heavily (ugly surface). - Mishy

---

**Glaze name: Large craze glaze**

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Frit 3304 80.00 80.00

EPK 5.00 5.00

Borax 10.00 10.00

Colemanite 5.00 5.00

Totals:	-----	-----
	100.00	100.00
Comments:		

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### Glaze name: Lichens

**Cone:** 06-04

**Firing:** raku

**Surface texture:** matt

**Date:** 12/17/98

**Recipe:** (Percent, Batch)

Magnesium carb	34.63	50.00
Lithium carbonate	6.93	10.00
Borax	34.63	50.00
Gerstley borate	20.78	30.00
Copper carbonate	2.77	4.00
Cobalt carbonate	0.28	0.40

Totals:	-----	-----
	100.00	144.40

Comments:

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### Glaze name: Lisa Orr's Transparent

**Cone:** 05-05

**Firing:** Raku

**Color:** Clear

**Date:** 11/10/98

**Recipe:** (Percent, Batch)

Frit 3110	64.04	73.00
Gerstley borate	8.77	10.00
Soda ash	14.04	16.00
EPK	4.39	5.00
Flint	7.02	8.00
Bentonite	1.75	2.00

Totals:	-----	-----
	100.00	114.00

Comments:

Variations --

Light blue - add .25 cobalt oxide

Turquoise - add 3-8% copper carbonate

---

### Glaze name: Lori's Surprise Purple

**Cone:** 08

**Firing:** raku

**Color:** Purple

**Testing:** Untested

**Date:** 6/3/96

**Recipe:** (Percent, Batch)

Ferro Frit 3110	100.00	100.00
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Totals:	-----	-----
	100.00	100.00

**Also add:**

Copper carbonate	600.00	600.00
Red iron oxide	66.67	66.67
Cobalt oxide	33.33	33.33

Comments:

Some one on the list recently asked for a purple raku glaze. What I thought I had here when I was mixing it was a copper matt untill I lifted it out from under the reduction can. At first it was almost black but inside of 15 mins it is the deepest prettiest purple I have ever seen and I have no idea who gave the receipe to me. They sure do deserve credit. I sprayed this on JM5, a buff colored ^5 stoneware I had bisqued to ^08. I fired it in a small old electric I sometimes use for raku to 1830. After pulling it we went right to a pile of sand with 8' x8' piece of slick newspaper on the botton and as we covered it we threw in another the same size on top of the pot, covered it with the can sealing the edges, waited about an hour

untill it was cool enough to touch and got the purple surprise. If someone uses this glaze I would really like to hear about their results.

---

## Glaze name: Lubbock Red Black Blue

**Cone:** 08-06

**Firing:** Raku

**Surface texture:** Gloss

**Color:** Shiny Metallic Red, Blue, Black

**Date:** 07/19/98

**Recipe: (Percent, Batch)**

Colemanite	70.00	70.00
Ball clay	30.00	30.00
	-----	-----
Totals:	100.00	100.00

**Also add:**

Tin oxide	1.50	1.50
Copper carbonate	5.00	5.00

**Comments:**

Comments: Glaze type: Raku (Reduction) Transparency: OpaqueColor: Shiny Metallic Red, Blue, Black and Silver Visual texture: Random colors Flow: Slight Date: 07/07/97 Comments: This is one of the most beautiful Raku glazes I've ever seen. There is a lot of metallic silver with a little gold and the reds, blues, and blacks mingle in with it (they are metallic too). Proper reduction in an airtight container is a must. I fire the piece until the glaze is shiny. Immediately I place it in a trash can filled with shredded newspaper and throw more on top after the piece is in. Then quickly secure the lid over it. Seems to work even better if the paper is really blazing good before the lid is put on. The colors are random but nearly all are always present somewhere if reduced properly. I use a galvanized trash can with a lid that fits securely occasionally I'll use a sand pit with a metal bucket. \*Variations: Can replace Copper Carb 5 with Black Copper Oxide 2.5 - I have gotten the same results \*How long have you been using this glaze? About 4 years \*Where is it used? Texas Tech University \*What do you like most about this glaze? The metallic look \*Is this glaze reliable? Yes \*How do different firing temperatures/atmospheres affect the glaze? We always do it the same. \*How does the glaze behave on different clay bodies? Pretty much the same effect. Colors are brighter on white clays. \*What consistency should the glaze be for pouring/dipping? About the consistency of chocolate milk. \*How thickly should the glaze be applied to the pot? Medium. I use two quick dips. \*What is your kiln type and size? We use a gas burning Raku kiln. It is about 24 in diameter. The base is made from a section of an old electric kiln. There is a hole in the side for the burner. The top lifts off and is made of a wire frame with flame blanket for the insulation. (I dont know if flame Blanket is the real name but it is a fibrous white material.) \*How do you typically fire? We fire the pot till the glazes becomes shiny, then kill the burner, lift off the lid and place the pot in containers filled with shredded paper. When it ignites (instantly) we throw more paper on top and close the lid. We leave it in there about 15 minutes before taking it out to cool.

---

## Glaze name: Lustrous Blue

**Cone:** 04

**Firing:** Raku

**Color:** metallic blue

**Date:** 06/14/98

**Recipe: (Percent, Batch)**

Gerstley borate	44.44	80.00
Custer feldspar	11.11	20.00
Superpax	11.11	20.00
copper oxide	22.22	40.00
Cobalt oxide	11.11	20.00
	-----	-----
Totals:	100.00	180.00

**Comments:**



This glaze yields a metallic blue surface with variations of magenta, yellow, and green. After firing, use tongs to place the red-hot pot in a pile of shredded newspaper for a about a minute, then a) cover and let cool completely or b) remove from newspaper and quench in water.

---

### Glaze name: Mark's Copper Matt

**Firing:** Raku

**Date:** 09/04/98

**Recipe:** (Percent, Batch)

Frit 3110	9.52	10.00
Copper carbonate	85.71	90.00
Red iron oxide	4.76	5.00
	-----	-----
Totals:	100.00	105.00

**Comments:**

Variations --

Adding 2-5% cobalt and/or manganese can enhance color development.

---

### Glaze name: Matt burgundy red

**Firing:** Raku

**Color:** red

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	48.54	50.00
Nepheline syenite	19.42	20.00
Talc	29.13	30.00
Copper carbonate	2.91	3.00
	-----	-----
Totals:	100.00	103.00

**Comments:**

Reduce heavily. May need to be fired to slightly lower temperature.

---

### Glaze name: Mecham White

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	80.00	80.00
Cornwall Stone	20.00	20.00
	-----	-----
Totals:	100.00	100.00

**Comments:**

From Piepenburg's book "Raku Pottery"

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### Glaze name: Mecham White - Deep Purple

**Firing:** Raku

**Color:** Purple

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	76.19	80.00
Cornwall Stone	19.05	20.00
Manganese dioxide	3.81	4.00
Cobalt oxide	0.95	1.00
	-----	-----
Totals:	100.00	105.00

**Comments:**

From Piepenburg's book "Raku Pottery"

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### Glaze name: Mecham White - DelFavero Luster

**Firing:** Raku

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	78.43	80.00
Cornwall Stone	19.61	20.00
Copper carbonate	1.96	2.00

Totals: 100.00 102.00

**Comments:**

From Piepenburg's book "Raku Pottery"

### Glaze name: Mecham White - Dragon Gray

**Firing:** Raku

**Color:** Gray

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	79.01	80.00
Cornwall Stone	19.75	20.00
Red iron oxide	0.99	1.00
Cobalt carbonate	0.25	0.25

Totals: 100.00 101.25

**Comments:**

From Piepenburg's book "Raku Pottery"

### Glaze name: Mecham White - Gold Luster

**Firing:** Raku

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	77.67	80.00
Cornwall Stone	19.42	20.00
Silver Nitrate	1.94	2.00
Tin oxide	0.97	1.00

Totals: 100.00 103.00

**Comments:**

From Piepenburg's book "Raku Pottery"

### Glaze name: Meisel Blue

**Firing:** Raku

**Color:** Blue

**Date:** 11/09/98

**Recipe:** (Percent, Batch)

Frit 3110	86.96	100.00
Tin oxide	8.70	10.00
Kaolin	4.35	5.00

Totals: 100.00 115.00

**Also add:**

Copper carbonate	0.87	1.00
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**Comments:**

Notes: This glaze coagulates quickly. If a batch of it is allowed to stand for a long time, let the contents dry completely, then add 1-2% bentonite, then introduce water. Be sure to stir this glaze well before applying. When firing, be sure the ware is "white hot" before pulling it from the kiln. Smoke the ware thoroughly (10-15 minutes). Do not place the ware in water to facilitate a "quick cool-down" after reduction smoking.

### Glaze name: Meisel White

**Firing:** Raku

**Color:** White

**Date:** 11/09/98

**Recipe:** (Percent, Batch)

Frit 3110	79.37	100.00
Kaolin	3.97	5.00
Gerstley borate	7.94	10.00

CMC Gum	0.79	1.00
Zircopax	7.94	10.00
	-----	-----
Totals:	100.00	126.00

**Comments:**

## Glaze name: Michigan Patina

**Firing:** Raku

**Color:** Metallic patina

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	51.06	3.00
Cornwall Stone	17.02	1.00
Nepheline syenite	17.02	1.00
Copper carbonate	8.51	0.50
Tin oxide	4.26	0.25
Black nickel oxide	2.13	0.13
	-----	-----

Totals:	100.00	5.88
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**Comments:**

Recipe in parts by volume.

From Piepenburg's book "Raku Pottery"

## Glaze name: Middlebrook's Crackle White

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	40.54	60.00
Potash feldspar	33.78	50.00
Barium carbonate	14.86	22.00
Silica	10.81	16.00
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Totals:	100.00	148.00
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**Comments:**

From Piepenburg's book "Raku Pottery"

## Glaze name: Moon

**Cone:** 06-04

**Firing:** raku

**Surface texture:** matt

**Date:** 12/17/98

**Recipe:** (Percent, Batch)

Magnesium carb	33.33	50.00
Kaolin	13.33	20.00
Lithium carbonate	6.67	10.00
Borax	26.67	40.00
Gerstley borate	13.33	20.00
Copper carbonate	6.67	10.00
	-----	-----

Totals:	100.00	150.00
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**Comments:**

## Glaze name: Moondust

**Cone:** 08 - 06

**Firing:** Raku

**Testing:** Untested

**Date:** 7/19/95

**Recipe:** (Percent, Batch)

Magnesium carbonate	37.00	37.00
Borax	28.00	28.00
EPK	14.00	14.00
Lithium carbonate	7.00	7.00

Colemanite	14.00	14.00
	-----	-----
Totals:	100.00	100.00
<b>Also add:</b>		
Copper carbonate	10.00	10.00
<b>Comments:</b>		

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## Glaze name: Mr. King's Sculpture Raku

**Cone:** 07

**Firing:** Raku

**Surface texture:** Lichen

**Color:** Red to Green

**Date:** 07/19/98

**Recipe: (Percent, Batch)**

Frit 3110	100.00	100.00
	-----	-----
Totals:	100.00	100.00
<b>Also add:</b>		
Black copper oxide	400.00	400.00
Red iron oxide	25.00	25.00

**Comments:**

Comments: Glaze type: Raku (Reduction) Transparency: Opaque Visual texture: very much mottled and variable Bubbles: Few Flow: Slight Durability: Medium Date: 03/31/97 Comments: Be aware of flaky underfired surface it can often give. \*Variations: Try Cobalt in place of copper for an interesting flaky blue glaze. This glaze is almost bordering on a stain of sorts, and the addition of a boron source (e.g. Gerstley Borate) might make it more of a glaze per se. I like the odd, dry and aged look it gives large sculptural works. \*What do you like most about this glaze? aged/varied surface texture. \*Is this glaze reliable? Dependability varies in direct proportion to the reliability of the person firing it. Overfire or deeply underfire and it's not so pretty. \*Does this glaze tend to craze/crawl/pinhole/etc.? Watch out for flakes. \*How do different firing temperatures/atmospheres affect the glaze? Tip: Reduce not only in postfire red., but also in the kiln during last twenty min of raku (close the damper, cut off primary air) \*How does the glaze behave on different clay bodies? It likes groggy clay. \*What consistency should the glaze be for pouring/dipping? THICK \*How thickly should the glaze be applied to the pot? two to three thick, uneven, coats is best. \*How does this glaze interact with other glazes? avoid much combination with glossy glazes. Good partner with copper matt. \*What is your kiln type and size? 3 cubic foot fiber and brick raku top hat kiln. Dual Venturi system. \*How do you typically fire? One hour raku, starting at 3psi, and increasing at 1psi per 10 min until 9psi is reached. Ten to twenty min at end of firing is in med. red. Soak moderately at cone 06 or so. \*Do you experience problems with the raw glaze? add bentonite to solve settling. Otherwise, best advice is to mix fresh and fire soon thereafter, otherwise dry cracking results. \*Any other comments? I want my electric kiln to fire in reduction.

---

## Glaze name: Ocean Oil

**Cone:** 06-04

**Firing:** raku

**Surface texture:** matt

**Date:** 12/17/98

**Recipe: (Percent, Batch)**

Kaolin	6.85	10.00
Lithium carbonate	20.55	30.00
Borax	13.70	20.00
Gerstley borate	27.40	40.00
Copper carbonate	4.11	6.00
Whiting	27.40	40.00
	-----	-----
Totals:	100.00	146.00

**Comments:**

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**Glaze name: Patty's Copper Crap**

**Cone:** 08 - 06

**Firing:** Raku

**Surface texture:** ?

**Testing:** Untested

**Date:** 7/19/95

**Recipe:** (Percent, Batch)

Gerstley borate	75.00	75.00
C-6 Soda Feldspar	20.00	20.00
Borax	5.00	5.00

Totals:	100.00	100.00
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**Also add:**

Copper carbonate	5.00	5.00
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**Comments:**

On that copper Raku vein going on I thought I should throw in my two cents worth. I like this glaze because it is a little shiny and no pocket squeezing cobalt. Fire a little hotter (I don't raku with cones, so I keep an eye on when it 'slicks off' good) or it does a bizzare bubbly green mess that won't reduce.

---

**Glaze name: Piepenburg 50-50**

**Firing:** Raku

**Color:** Clear

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Frit 3134	50.00	50.00
Gerstley borate	50.00	50.00

Totals:	100.00	100.00
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**Comments:**

A clear glaze. Apply over stain.

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**Glaze name: Piepenburg Patina**

**Firing:** Raku

**Color:** metallic patina

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	40.00	4.00
Bone ash	30.00	3.00
Nepheline syenite	20.00	2.00
Copper carbonate	10.00	1.00

Totals:	100.00	10.00
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**Comments:**

Recipe in parts by volume.

From Piepenburg's book "Raku Pottery. Should be the consistency of very thin milk.

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**Glaze name: Piepenburg Red Bronze**

**Firing:** Raku

**Color:** Red

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	50.00	50.00
Frit 3134	45.00	45.00
Tin oxide	3.00	3.00
Black copper oxide	2.00	2.00

Totals:	100.00	100.00
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**Comments:**

From Piepenburg's book "Raku Pottery"

Under reducing atmosphere conditions, the result is a blood red. In strong postfiring reduction the result is a bronze-like copper luster.

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## Glaze name: Piepenburg White

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	70.00	70.00
Cornwall Stone	15.00	15.00
Tin oxide	10.00	10.00
Flint	5.00	5.00
	-----	-----
Totals:	100.00	100.00

**Comments:**

From Piepenburg's book "Raku Pottery"

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## Glaze name: Plate Tectonic

**Cone:** 05-04

**Firing:** Raku

**Visual texture:** Crusty

**Date:** 11/10/98

**Recipe:** (Percent, Batch)

Gerstley borate	20.00	20.00
Lithium carbonate	30.00	30.00
Cryolite	10.00	10.00
Zircopax	25.00	25.00
Spodumene	15.00	15.00
	-----	-----
Totals:	100.00	100.00

**Also add:**

Rutile	8.00	8.00
Copper carbonate	1.00	1.00

**Comments:**

This is a super-duper, awesome, yummy glaze! It is a bit crusty and then when you get the firing just hot enough (cone 04+) some it begins to glassify while other bits of it float on the surface much like oceanic plates in the magmatic(stet) melt. Sometimes I layer a coat of copper carbonate on top before I fire it give it a metallic/bronzy finish(05).

---

## Glaze name: Post-Pac-Man

**Firing:** Raku

**Color:** Metallic patina

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	61.54	5.00
Bone ash	12.31	1.00
Nepheline syenite	12.31	1.00
Copper carbonate	12.31	1.00
Red iron oxide	1.54	0.13
	-----	-----
Totals:	100.00	8.13

**Comments:**

Recipe in parts by volume.

From Piepenburg's book "Raku Pottery"

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## Glaze name: Purple

**Firing:** Raku

**Color:** Purple

**Date:** 06/22/98

**Recipe:** (Percent, Batch)

Copper carbonate	75.00	90.00
Red iron oxide	8.33	10.00
Cobalt oxide	4.17	5.00
Frit 3110	12.50	15.00
	-----	-----
Totals:	100.00	120.00

**Comments:**

From www.potters.org Lori Wilkinson. After pulling it we went right to a pile of sand with a 8 x 8 inch piece of slick newspaper on the bottom and as we covered it we threw in another the same size on top of the pot, covered it with the can sealing the edges, waited about an hour until it was cool enough to touch and got the purple surprise. A deepest prettiest purple I have ever seen.

## Glaze name: Rainbow

**Firing:** Raku

**Color:** Metallic patina

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	74.42	74.42
Bone ash	18.60	18.60
Copper carbonate	4.65	4.65
Cobalt oxide	2.33	2.33
	-----	-----
Totals:	100.00	100.00

**Comments:**

Fast pull for matt rainbow effect. Slow pull for rich matt blue.

## Glaze name: Rainbow Peacock

**Cone:** 07-06

**Firing:** Raku

**Color:** Turquoise

**Date:** 06/12/98

**Recipe:** (Percent, Batch)

Gerstley borate	50.63	40.00
Nepheline syenite	16.46	13.00
Flint	16.46	13.00
Lithium	16.46	13.00
	-----	-----
Totals:	100.00	79.00

**Also add:**

Copper carbonate	3.80	3.00
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**Comments:**

Turquoise Crackle with beautiful copper accents if reduced and smoked  
 Variations --  
 One recipe listing called for Spodumene 20% in this recipe. ???

## Glaze name: Raku #1

**Cone:** 08

**Firing:** raku

**Color:** White

**Testing:** Untested

**Date:** 12/6/96

**Recipe:** (Percent, Batch)

Gerstley borate	62.65	62.66
Potash feldspar	12.66	12.66
Flint	12.03	12.03
Ball clay	6.33	6.33
Barium carb	6.33	6.33
	-----	-----
Totals:	100.00	100.01

**Comments:**

## Glaze name: Raku #2

**Cone:** 08

**Firing:** raku

**Color:** White

**Testing:** Untested

**Date:** 12/6/96

**Recipe:** (Percent, Batch)

Frit 3195	65.00	65.00
Feldspar	20.00	20.00
Kaolin	5.00	5.00
Whiting	10.00	10.00
	-----	-----
Totals:	100.00	100.00

**Comments:**

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## Glaze name: Raku Love

**Firing:** Raku

**Color:** Turquoise

**Date:** 07/10/98

**Recipe:** (Percent, Batch)

Pemco Frit 25	41.63	42.50
Frit 3134	26.93	27.50
Lithium carbonate	9.60	9.80
EPK	6.17	6.30
Silica	13.71	14.00
Bentonite	1.96	2.00
	-----	-----
Totals:	100.00	102.10

**Also add:**

Copper carbonate	4.41	4.50
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**Comments:**

Reduce heavily for copper/greenish/yellowish  
reduce lightly for beautiful turquoise crackle

Can add cucarb anywhere between 2 and 5 g.

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## Glaze name: Red Lustre Buck #7

**Cone:** 06 - 07

**Firing:** raku

**Surface texture:** matt

**Color:** red

**Testing:** Untested

**Date:** 1/13/96

**Recipe:** (Percent, Batch)

Borax	35.00	35.00
Ferro Frit 3278	34.00	34.00
Gerstley borate	23.00	23.00
Kaolin	8.00	8.00
	-----	-----
Totals:	100.00	100.00

**Also add:**

Red copper oxide	10.00	10.00
Red iron oxide	10.00	10.00

**Comments:**

Use Borax Decahydrate. Here, designed by me, are two copper red matt lustres. This one is for fresh mix daily, or dry mix and wet only what you can use in a day. The borax is washing machine borax. Pemco frit 830 or Hommel frit K3 will work also. Use a few drops of detergent to disperse colorant oxides. The above glaze is quite fluid at C07/06 and needs to be heavily reduced. Move from kiln to reduction medium as quickly as possible and leave 20 minutes or so. It produces brilliant reds with some blue flashes. High gloss finish most of the time. There you go. I have used these glazes with good results. They are BTW variations of Carol Townsend's original 'Tomats



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**Glaze name: Red Lustre Buck #8****Cone:** 06 - 07**Firing:** raku**Surface texture:** matt**Color:** red**Testing:** Untested**Date:** 1/13/96**Recipe: (Percent, Batch)**

Gerstley borate	38.00	38.00
Ferro Frit 3134	31.00	31.00
Ferro Frit 3195	31.00	31.00
	-----	-----
Totals:	100.00	100.00

**Also add:**

Red copper oxide	10.00	10.00
Red iron oxide	10.00	10.00

**Comments:**

Here, designed by me, are two copper red matt lustres. Use a few drops of detergent to disperse colorant oxides. A non-soluble (mostly) mix that can go on shelf. This version is much more matt and gives various hues of red no blues worth mentioning. It needs heavy reduction. There you go. I have used these glazes with good results. They are BTW variations of Carol Townsend's original 'Tomats Red'.

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**Glaze name: Red Raku (from Ken Vavrek)****Firing:** Raku**Color:** Red**Date:** 09/27/98**Recipe: (Percent, Batch)**

Nepheline syenite	30.00	30.00
Frit 3230	20.00	20.00
Flint	20.00	20.00
Frit 3191	25.00	25.00
Whiting	5.00	5.00
	-----	-----
Totals:	100.00	100.00

**Also add:**

Tin oxide	5.00	5.00
Copper carbonate	3.00	3.00
Red iron oxide	0.50	0.50
Bentonite	1.00	1.00

**Comments:**

Note: to produce a good red, this glaze needs to be reduced first in the kiln and then again in post firing reduction.

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**Glaze name: Revised Molly Blanding****Cone:** 06**Firing:** Raku**Color:** copper matte which flashes burgundy, blue and red**Date:** 06/14/98**Recipe: (Percent, Batch)**

Bone ash	24.24	2.00
Colemanite	60.61	5.00
Frit 3124	3.03	0.25
Nepheline syenite	12.12	1.00
	-----	-----
Totals:	100.00	8.25

**Also add:**

Cobalt carbonate	1.52	0.13
Copper carbonate	12.12	1.00

**Comments:**

Recipe in parts by volume.

Increase the cobalt for deeper blue, or add a little manganese to encourage purples. Like most raku glazed, the higher it's fired, the glossier the surface.

---

## Glaze name: Reynold's Rap

**Cone:** 08 - 06

**Firing:** Raku

**Color:** Green to gold

**Testing:** Untested

**Date:** 7/19/95

**Recipe:** (Percent, Batch)

Gerstley borate	63.64	63.64
Custer feldspar	12.12	12.12
Silica	12.12	12.12
Ball clay	6.06	6.06
Barium carbonate	6.06	6.06

Totals:	100.00	100.00
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**Also add:**

Copper carbonate	12.12	12.12
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**Comments:**

green to gold; good in cracks..use thickly, reduce heavily

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## Glaze name: Roger's Black

**Firing:** Raku

**Color:** Black

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	61.54	80.00
Custer feldspar	15.38	20.00
Cobalt oxide	7.69	10.00
Red iron oxide	7.69	10.00
Black copper oxide	7.69	10.00

Totals:	100.00	130.00
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**Comments:**

From Capp Brook's handout

A dark blue glaze that develops a nice copper luster in strong postfiring reduction.

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## Glaze name: Roger's White

**Cone:** 08

**Firing:** raku

**Color:** Clear

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Spodumene	35.00	35.00
Gerstley borate	60.00	60.00
Tennessee Ball Clay	5.00	5.00

Totals:	100.00	100.00
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**Comments:**

This is actually a clear (not white) base recipe. It can be used as is or you can add colorants on an experimental basis. Add 5% tin oxide for a white glaze. (From Steven Branfman, PMI, Jan. 1994)

Variations --

For purple add manganese carbonate 3% and tin oxide 5%

For gray-blue add RIO 1% and cobalt carb .5%

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## Glaze name: Seth's Luster

**Firing:** Raku

**Color:** metallic patina

**Date:** 05/25/98

**Recipe:** (Percent, Batch)

Gerstley borate	68.82	688.17
Bone ash	17.20	172.04
Copper carbonate	8.60	86.02
Cobalt carbonate	4.30	43.01
Tin oxide	1.08	10.75
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Totals: 100.00 1000.00

**Comments:**

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## Glaze name: Shadow raku slip glaze

**Firing:** Raku

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

EPK	5.00	5.00
Copper carbonate	90.00	90.00
Soda ash	5.00	5.00
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Totals: 100.00 100.00

**Comments:**

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## Glaze name: Silver Nitrate Wash

**Firing:** Raku

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Silver Nitrate	1.96	1.00
Water	98.04	50.00
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Totals: 100.00 51.00

**Comments:**

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## Glaze name: Silver Raku luster

**Cone:** 08 - 07 - 06

**Firing:** raku

**Surface texture:** glossy luster

**Color:** silvery luster

**Testing:** Untested

**Date:** 12/7/96

**Recipe:** (Percent, Batch)

Pemco frit P-25	42.07	42.07
Ferro frit 3134	27.13	27.13
Lithium carbonate	9.71	9.71
EPK	6.24	6.24
Silica	13.86	13.86
Soda ash	0.99	0.99
	-----	-----

Totals: 100.00 100.00

**Also add:**

Bentonite	1.98	1.98
Silver nitrate	2.08	2.08

**Comments:**

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## Glaze name: Silver White Base

**Firing:** Raku

**Color:** White

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	50.00	5.00
Nepheline syenite	30.00	3.00
Lithium carbonate	20.00	2.00

Totals:	100.00	10.00
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**Comments:**

Recipe in parts by volume.  
From Piepenburg's book "Raku Pottery"

## Glaze name: Soda Blue

**Cone:** 06-04

**Firing:** Raku

**Color:** Blue

**Date:** 06/11/98

**Recipe:** (Percent, Batch)

Gerstley borate	42.42	3500.00
Soda ash	6.06	500.00
Frit 3110	42.42	3500.00
Kaolin	3.03	250.00
Flint	6.06	500.00

Totals:	100.00	8250.00
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**Also add:**

Copper carbonate	1.82	150.00
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**Comments:**

Produces a beautiful translucent water blue; also works well as a raku glaze.

## Glaze name: Soldner Base

**Firing:** Raku

**Color:** Clear

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	80.00	80.00
Nepheline syenite	20.00	20.00

Totals:	100.00	100.00
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**Comments:**

From Piepenburg's book "Raku Pottery"

## Glaze name: Soldner's Red

**Firing:** Raku

**Color:** Red

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	41.67	50.00
Borax	41.67	50.00
Copper carbonate	8.33	10.00
Rutile	8.33	10.00

Totals:	100.00	120.00
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**Comments:**

## Glaze name: Superstition

**Cone:** 06-04

**Firing:** Raku

**Surface texture:** Matt

**Date:** 12/17/98

**Recipe:** (Percent, Batch)

Lithium carbonate	26.43	30.00
Gerstley borate	35.24	40.00
Copper carbonate	2.64	3.00
Cobalt carbonate	0.44	0.50
Talc	26.43	30.00

Nepheline syenite	8.81	10.00
	-----	-----
Totals:	100.00	113.50

**Comments:**

## Glaze name: Tak

**Firing:** Raku

**Color:** White

**Date:** 08/14/98

**Recipe:** (Percent, Batch)

Frit 3134	79.37	100.00
Silica	4.76	6.00
EPK	7.94	10.00
Tin oxide	7.94	10.00
	-----	-----
Totals:	100.00	126.00

**Comments:**

fat white...big crackle  
give it time to cool just a second/deep reduction

frit 3134 100  
silica 6  
epk 10  
tin or opax 10 if you want a clear leave this out. bentonite pinch

obviously all it is is 3134 with some things to stabilize it a bit.  
nice glaze...takes copper well, i have a wonderful blue/green to  
red/blood tea bowl....that shows all things copper does in one pot.

mel jacobson/mn.  
Variations --  
Takes copper well  
Leave out tin for clear

## Glaze name: Tin Can

**Firing:** Raku

**Color:** metallic patina

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	48.48	4.00
Nepheline syenite	36.36	3.00
Copper carbonate	12.12	1.00
Black nickel oxide	3.03	0.25
	-----	-----
Totals:	100.00	8.25

**Comments:**

Recipe in parts by volume.  
From Piepenburg's book "Raku Pottery". Should be the consistency of very thin milk.

## Glaze name: Tom Buck Clear Crackle

**Firing:** Raku

**Color:** Clear

**Date:** 08/28/98

**Recipe:** (Percent, Batch)

Frit 3191	80.00	80.00
EPK	20.00	20.00
	-----	-----
Totals:	100.00	100.00

**Comments:**

From Tom Buck on ClayNet - high expansion & therefore good crackle

## Glaze name: Tomat's Red Raku

**Cone:** 08

**Firing:** raku

**Color:** Red

**Date:** 10/18/98

**Recipe:** (Percent, Batch)

Borax	50.00	50.00
Gerstley borate	50.00	50.00

Totals:	100.00	100.00
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**Also add:**

Copper carbonate	40.00	40.00
Red iron oxide	10.00	10.00

**Comments:**

Apply stain to pot then wipe off with a sponge leaving stain just in the crevices. Coat with Piepenburg's Clear. (From Brother Don Smith, CM, Nov. 1994)

Similar to Tomato Red, but twice the cucarb and rio

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## Glaze name: Tomato Red

**Cone:** 08

**Firing:** raku

**Surface texture:** Shiny or Glossy

**Color:** Opaque coppery Red

**Testing:** Untested

**Date:** 9/20/95

**Recipe:** (Percent, Batch)

Gerstley borate	50.00	50.00
Borax	50.00	50.00

Totals:	100.00	100.00
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**Also add:**

Copper Oxide	20.00	20.00
Red iron oxide	5.00	5.00

**Comments:**

For a blue variation.... copper oxide 3% cobalt oxide 3% instead of the previous colorants.

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## Glaze name: Unknown Matt

**Cone:** 08-06

**Firing:** Raku

**Date:** 11/10/98

**Recipe:** (Percent, Batch)

Lithium carbonate	35.00	35.00
Gerstley borate	30.00	30.00
Bone ash	35.00	35.00

Totals:	100.00	100.00
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**Also add:**

Copper carbonate	6.00	6.00
Rutile	2.00	2.00
Cobalt carbonate	0.50	0.50

**Comments:**

The lithium and gerstley borate may need to be adjusted. More gerstley borate will make it less matt and less likely to run. Firing in light reduction or oxidation gives brighter colors.

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## Glaze name: Vanna White

**Firing:** Raku

**Surface texture:** Semi-gloss

**Color:** White

**Date:** 07/17/98

**Recipe:** (Percent, Batch)

Frit P-311	66.70	68.00
Custer feldspar	24.52	25.00
Ball clay	7.06	7.20
Tin oxide	1.72	1.75
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Totals: 100.00 101.95

**Comments:**

White, large crackle

Can substitute Frit 3124 for P-311

Much higher firer than typical 80/20 raku glaze.

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## Glaze name: White Matt

**Firing:** Raku

**Color:** White (or rather clear, I'll bet)

**Date:** 11/23/98

**Recipe:** (Percent, Batch)

Gerstley borate	67.80	3200.00
Nepheline syenite	16.95	800.00
Bone ash	15.25	720.00
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Totals: 100.00 4720.00

**Comments:**

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## Glaze name: Wood Ash Crackle

**Firing:** Raku

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	45.00	45.00
Wood ash	35.00	35.00
Flint	15.00	15.00
Zinc oxide	5.00	5.00
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Totals: 100.00 100.00

**Comments:**

From Piepenburg's book "Raku Pottery"

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## Glaze name: Worthington

**Firing:** Raku

**Color:** Clear

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	55.00	55.00
EPK	30.00	30.00
Flint	15.00	15.00
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Totals: 100.00 100.00

**Comments:**

From Piepenburg's book "Raku Pottery"

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## Glaze name: Yellow crackle

**Firing:** Raku

**Color:** Yellow

**Date:** 05/13/98

**Recipe:** (Percent, Batch)

Gerstley borate	75.47	80.00
Cornwall Stone	18.87	20.00
Vanadium stain	5.66	6.00
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Totals: 100.00 106.00

**Comments:**

Vanadium stain 3-6%

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**Glaze name: Yukio's Rainbow Sand**

**Firing:** Raku

**Color:** metallic patina

**Date:** 06/14/98

**Recipe:** (Percent, Batch)

Colemanite	70.00	70.00
Bone ash	20.00	20.00
Nepheline syenite	10.00	10.00

Totals:	----- 100.00	----- 100.00
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**Also add:**

Lithium carbonate	3.00	3.00
Copper carbonate	5.00	5.00
Cobalt carbonate	0.50	0.50

**Comments:**

Not enough redux(?)= yellow green just right=sandy rainbows

applied thick=lizard like scales too thick=falls off when cool, not sharp pieces.