

# Assorted Glazes – Cone 5

<b>Albany Blue-Green Glaze (Cone 6)</b> Albany Slip ..... 63.2% Gerstley Borate ..... 10.5 Whiting ..... 10.5 Cornwall Stone ..... 15.8 100.0% Add: Red Iron Oxide ..... 7.4%		<b>Blue/Green Moss Matt Δ6 Reduct</b> Grolleg ..... 45 Whiting ..... 45 Custer Feldspar ..... 10 Cobalt Carb ..... 1% Copper Carb ..... 1%	
<b>Blue B-Glaze (Cone 6)</b> Frit 33 (Honnell) ..... 60% Magnesium Zirconium Silicate ..... 20 Custer Feldspar ..... 10 Ball Clay ..... 10 100% Add: Cobalt Oxide ..... 2%		<b>J.C.V.C. SLATE LIKE OPAQUE MAT</b> ALBANY SLIP CLAY-40 WOLLASTONITE-20 NEPH. SYENITE-15 (CLAY) KENTUCKY BALL-25 + COBALT CARB.— 6%	
<b>Blue/Gray Matt Glaze (Cone 6)</b> 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 ..... 6.7 100.0% Add: Copper Oxide ..... 4.2% Manganese Carbonate ..... 3.6% This very dark, almost black glaze is a waxy matt.		<b>St. John's Black Δ6 Reduction</b> Albany ..... 65 Neph Sy ..... 10 Barium Carb ..... 10 Talc ..... 15 Chrome ..... 1% Mang. Dioxide ..... 2% Cobalt Carb. .... 2% Bentonite ..... 2%	
<b>Blue-Green Dark Semigloss Glaze (Cone 6)</b> 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 ..... 20.8 100.0% Add: Copper Carbonate ..... 6.8%		<b>Mirjana's Pink Glaze (Cone 6)</b> Barium Carbonate ..... 2.3% Gerstley Borate ..... 7.4 Lithium Carbonate ..... 2.3 Magnesium Carbonate ..... 8.6 Whiting ..... 16.4 Nepheline Syenite ..... 27.3 Flint ..... 35.7 100.0% Add: Tin Oxide ..... 3.5% Rutile (Dark) ..... 3.0%	
<b>Speckled Blue Glaze (Cone 6)</b> Gerstley Borate ..... 50% Edgar Plastic Kaolin ..... 15 Flint ..... 35 100% Add: Cobalt Oxide ..... 1% This is a dark, opaque blue glaze with speckles.			
<b>BOYD/PAULAUSKY #1 Δ6R</b> Cornwall Stone 570 Gerstley Borate 380 Magnesium Carb. 50 Zircopax 140 + 2% Iron Oxide 23.8		<b>BOYD/PAULAUSKY #2 Δ6R</b> Cornwall Stone 570 Gerstley Borate 380 Magnesium Carb. 50 Zircopax 140 + 8% Iron Oxide 91.2	
<b>BOYD/PAULAUSKY #3 Δ6R</b> +1/4% Cobalt Oxide 2.9 4% Rutile 47.2		<b>BOYD/PAULAUSKY #4 Δ6R</b> +4% Manganese Di. 47.2 1/2% Cobalt Ox. 5.9	
		<b>BOYD/PAULAUSKY #5 Δ6R</b> Cornwall Stone 570 Gerstley borate 380 Magnesium Carb. 50 Zircopax 140 + 6% Rutile 68.4	
		<b>BOYD/PAULAUSKY #6 Δ6R</b> +2% Copper Carb. 23.8	

OME C/5.6 REDUCTION GLAZES A  
• CLASS PROJECT GLAZES PLUS OTHER GLAZES

P.V.C. #6 DARK MOSS GREEN TRANSLUCENT

ALBANY SLIP-40 SATIN GLOSS  
PETALITE-18  
WHITING-16  
EPK-10  
FLINT-16

M.V.C. #3 ALBANY SLIP-40

BARIUM CARB.-16  
WHITING-16

GREEN CELADON.

EPK-10  
FLINT-18

FERNGREEN-  
2 90 IRON OX.

AMBER → 4 90 IRON OX.  
(TRY YELLOW OCHRE).

T.B.V.C. (CLEAR, TRANSPARENT, GLOSSY)

VEPH. SY. — 20 COLORS TEND TO  
ALBANY SLIP-10 MAKE THIS BASE  
PODUMENE-10 OPAQUE AND  
FRITT 3124-18 TEXTURED & MATT  
WHITING-16 (THE BASE IS MORE  
EPK-10 SEMI OPAQUE.  
FLINT-16

OLD GOLD" ALBANY. Satin Glossy

ALBANY SLIP-78  
LITHIUM CARB.-10  
ZIRCONIUM-12

ALBANY BLACK. SATIN

ALBANY SLIP-75  
NEPH. SYENITE-20  
GERSTLEY BORATE-5  
COBALT OXIDE-5

B.J. (KAWAI CELADON TO C/6)

NEPH. SYENITE-60  
WHITING-10  
EPK-7

(LOVELY GLOSSY) FLINT-25  
(TO SATIN BASE) TALC-7

GREEN → IRON OX. 1%.

BLACK/BROWN → IRON OXIDE 10%

Burlington Base Glaze

(Cone 6)

Lithium Carbonate	2.03%
Strontium Carbonate	5.39
Whiting	12.21
Soda Feldspar	20.35
Albany Slip	22.38
Ball Clay	25.43
Zircopax	12.21

GLENS HALLOWEEN.

CLUSTER SPAR-53  
WHITING-22  
BARIUM CARBONATE-16  
EPK-9  
YELLOW OCHRE-5  
RUTILE-2

SATIN TO MATT  
MULTI COLORED.  
YELLOW/BROWNS  
ETC.

(BEAUTIFUL)

ES. (HAWAIIAN REDUCED TO

MATT BASE FOR IRON REDS, ETC.

CLUSTER FELDSPAR-30  
NEPH. SYENITE-30  
WHITING-20  
TALC-4  
EPK-9

FOR  
RED

\*-  
SAME R.  
GLAZE  
4 TONE,  
4 IRON  
GIVES R  
42RY

LIKE SHAWER

GOLD ORANGE  
BROWN-LIVAMMOU  
BONEASH-6  
IRON OX.-4  
RUTILE-4

(B2)

Fu6 Base

CORWALL

Nephoyne-30  
EPK-24  
Ferro 3110-18  
CaCO<sub>3</sub>-18  
SiO<sub>2</sub>-12  
LiCo<sub>3</sub>-6  
Bentonite-1.5%  
Epsom Salt-5%

Fu6 Black

Base plus  
Copper Carb-3.5%  
Manganese Diox-4.5%

Fu6 Green

Base plus  
Iron Ox-4.5%

T.B.V.C. SATIN MATT BASE #1

USTER SPAR-40  
FRITT 3124-18  
WHITING -16  
EPK -10  
FLINT-16

TRANSPARENT GLOSSY #3.

USTER SPAR-40  
ERSTLEY BORATE-18  
WHITING -16  
EPK-10  
FLINT-16

MATT BASE #5

USTER SPAR-40  
FRITT 3124-9  
TALC-9  
WHITING-16  
EPK-10  
FLINT-16

\*E.V.C. WASHED APPLE ASH-50  
APPLE ASH GERSTLEY BORATE-20  
SATIN-SHINY WHITING-12  
MOTTLED. (BEAUTIFUL) EPK-8  
FLINT-10

S.C.V.C. #5 SATIN, WAXY MATT.

CORNWALL STONE-40  
FRITT 3124-9  
TALC-9  
WHITING-16  
EPK-10  
FLINT-16

T.A.V.C. SATIN MATT

NEPH. SYENITE-40  
FRITT 3110-9  
BARIUM CARB. -9  
WHITING-16  
EPK-10  
FLINT-16

GLOSSY DEEP GREEN → 5% IRON OX  
TANISH GREY MATT → 3% RUTILE

continued →  
4% IRON OXIDE-YELLOWY GREEN

H.V.C. #8 WHITE OPAQUE GLOSSY

ASTER SPAR - 40  
ZINC OXIDE - 9  
ZIRCOPAX - 9  
WHITING - 16  
EPK - 10  
FLINT - 16

L.V.C. GLOSS, SEMI OPAQUE

CORNWALL STONE - 40  
GERSTLEY BORATE - 9  
ZIRCOPAX - 9  
WHITING - 16  
EPK - 10  
FLINT - 16

ME GREEN → 1/2 % CITRONE OX.  
EARL, OFF WHITE → 5% RUTILE.

NI-IT Δ 6R

Cornwall Stone	500
Frit 44-314	200
Magnesium Carbonate	20
Zinc Oxide	90
Talc	80
Cryolite	80
Flint	100
Bentonite	30
	1090

TRANSLUCENT BASE, SATIN/GLOSSY

EPH. SYENITE - 44  
ZINC OXIDE - 13  
WHITING - 7  
EPK - 8  
FLINT - 28

C. STONE MATT. (GOOD FOR COLOR).

EPHELINE SYENITE - 50 2%  $\text{CuCO}_3$   
BARIUM CARB. - 10 (BLUE/GREEN)  
FERRO FRIT 3124 - 5  
WHITING - 5 1%  $\text{CrO}$   
PETALITE - 5 (YELLOW/GREEN)  
EPK - 10  
FLINT - 15

ND CLAY BODIES. JUNIOR CLASS. 197  
IZES FROM INDIVIDUALS. CUSHING CLASS.

S.G. "DRYISH" STONE MATT

NEPH. SYENITE - 42  
GERSTLEY BORATE - 12  
DOLOMITE - 7  
TALC - 14  
EPK - 5  
FLINT - 20

PEACOCK BLUE → add 1/2  $\text{CoCO}_3$   
1/2  $\text{CrO}$   
1/2  $\text{Fe}_2\text{O}_3$

N.D.V.C. SATIN MATT BASE (RUNNY  
GREYISH, BREAKING WHITE

SPODUMENE	40
FRIT 3110	6
DOLOMITE	12
WHITING	14
EPK	12
FLINT	16

YELLOW BROWN → 5% IRON OX. <sup>NONE USED</sup>  
GREEN LAVENDER TO OFF WHITE → 1%  $\text{COCl}_2$

Speckled Semigloss Glaze (Cone 6)

Whiting	14.0%
Epheline Syenite	31.0
Talc	20.0
Flint	35.0
	100.0%
add: Zinc Oxide	18.0%
Granular Rutile	3.5%

GLAZES LISTED BELOW WERE DEVELOPED BY KYLLINKI SALMISTENHÄNÄ  
 THEY ARE MEANT FOR C/6 REDUCTION.\* (FINNISH POTTER)

THEY WILL GO UP TO C/9 R. THEY HAVE ALL BEEN TESTED AND AL-  
 THOUGH - BUT YOU MUST TEST THEM YOURSELF TO SEE WHICH ONES HAVE  
 THE QUALITIES YOU WANT. NATURALLY THEY WILL CHANGE, AS GLAZES  
 CHANGE, ACCORDING TO DIFFERENT FIRING SYSTEMS AND ATMOSPHERES.

	KS-HU1	KS-HU2	KS-HU3	KS-HU4	KS-HU5	KS-HU6	KS-HU7
W. SYENITE							
FELDSPAR	62	42	26	28	35	55	45
FRITT # 3134	22	20	28	22	10		10
FRITT # 3110				4	15	20	10
BARIUM CARB.		5	5	10	5		5
ZINC OXIDE				4	4		
WHITING	10	10	10		5	10	
TIN OXIDE	2	2	2	2	1	2	1
FLINT	2	17	22	30	25	9	26
ROLIN) E.P.K.	4	6	9			4	
P # 41 FRITT							3
COPPER CARB.	.5%	.5%	.5%	.5%	.5%	.5%	.5%

ALL THE GLAZES ABOVE ARE "OXBLOOD" COPPER REDS. GLOSSY. TRANSPARENT

THESE ARE C/5.6 REDUCTION, COPPER REDS.  
 IN C/5.6 OXIDATION THESE SAME GLAZES  
 WILL PRODUCE GLOSSY. LIGHT BLUES & BLUE  
 GREENS.

Glazes for C/4.5.6 <sup>BEST</sup> "Oxidation"  
 (ELECTRIC)

6/15/85

① ② ③ SM. (BASE GLAZES WORK IN REDUCTION TOO.)

Neph. Syenite - 30  
 K. Feldspar - 18  
 Barium Carb. - 30  
 Wallastonite - 18  
 Flint - 4

Rich Satin matt to stone m &  
 develops strong colours.

Good to test for other colours.  
 (try iron, copper, cobalt,  
 manganese, rutile, chrome,  
 etc.)

Bentonite - 2%

Rich Blue Green : 2% Copper carbonate  
 4% Cobalt carbonate.

# Warm Tan Glaze (Cone 6)

3819 (Ferro)	46.8%
Gerstley Borate	9.6
Magnesium Carbonate	10.6
Whiting	18.1
Kaolin	14.9

100.0%

add: Zircopax	21.3%
Red Iron Oxide	1.5%
Rutile	7.0%

This is a warm, yellow, translucent matt glaze with speckles.

# Brown Magnesia Matt Glaze (Cone 6)

Barium Carbonate	2.7%
Magnesium Carbonate	7.3
Whiting	7.2
Wood Ash	18.8
Nepheline Syenite	20.5
Refined Kaolin	14.7
High Plastic Kaolin	7.3
Flint	21.3

100.0%

add: Tin Oxide	4.1%
Zinc Oxide	4.7%
Rutile	0.8%

This is a pale tan, waxy matt glaze with darker brown speckles.

# Light Brown Gloss Glaze (Cone 6)

Barium Carbonate	3.3%
Magnesium Carbonate	0.6
Whiting	19.5
Wood Ash	15.3
Zinc Oxide	0.6
Nepheline Syenite	26.1
High Plastic Kaolin	14.0
Flint	20.1

100.0%

add: Manganese Dioxide	1.2%
Red Iron Oxide	0.9%

This is a tan, semigloss glaze with brown speckles.

# CELEDON #4 Δ6R

Nepheline Synite	350
Whiting	200
Gerstley Borate	100
Barium Carbonate	50
Volcanic Ash	50
EP Kaolin	25
Flint	250
Red Iron Oxide	15
Bentonite	25
Bone Ash	55

1120

+ 4% Manganese Dioxide	44.8
.5% Cobalt Oxide	5.6

# ORANGE PLUM Δ6R

Custer Spar	300
Whiting	150
Talc	100
Frit 14-3134	175
Bone Ash	85
EP Kaolin	125
Red Iron Oxide	95
Bentonite	30

1060

# TELEPOKU Δ6R

Nepheline Synite	350
Whiting	200
Gerstley Borate	100
Barium Carbonate	50
Volcanic Ash	50
EP Kaolin	25
Flint	250
Red Iron Oxide	120
Bentonite	25
Bone Ash	55

1215

# MJ BROWN Δ6R

F-4 Spar	500
Whiting	200
Zinc Oxide	100
Bone Ash	80
Red Iron Oxide	80
EP Kaolin	80
Flint	120

1060



② Heavy Matt, Satin - lovely surface @ 5EM

Neph. Syenite	- 65	2% Iron - Cream breaking rust, over dark clay.
Dolomite	- 20	
OH#5 Ball Clay	- 5	
Bentonite	- 2	
Tin Oxide	- 7	
	<u>100</u>	

④ Black Slip Glaze. "Satin" @ 6ESGB. - POT  
DATE

Albany Slip	- 85
Gerstley Borate	- 5
Manganese Dioxide	- 5
Iron Oxide	- 5

- ALTERNATE -	
Albany Slip	- 75
Neph. Syenite	- 20
Gerstley Borate	- 5
Colnet Carb.	- 5
	<u>105</u>

next page →

③ Matt, Gold, tan, Brown. @ 6EMG.

Custer Spar	- 30	6% Red Iron - Brown, Gold.
Neph. Syenite	- 35	
Whitening	- 10	2% Copper Carb. - deep green.
EPK	- 9	
Talc	- 6	8% Red Iron - Richer Brown to Gold to Straw.
Bone ash	- 4	
Barium Carb.	- 5	
	<u>100</u>	

#### RB SATURATED IRON Δ6R

Custer Spar	300
Gerstley Borate	150
Frit 443134	75
Red Iron Oxide	150
Bone Ash	75
Flint	100
Bentonite	15
	<u>865</u>

#### Yellow/Green Δ6 Reduction

Neph Sy	60
Barium Carbonate	22
Lithium Carbonate	5
Tenn #9 Ball	7
Flint	6
Vanadium	7%

#### Persimmon Glaze (Cone 6)

Custer Feldspar	34%
Whiting	17
High Plastic Kaolin	3
Flint	41
	<u>100%</u>
add: Red Iron Oxide	13%