

1770K
 KONA F/4 FELDSPAR - 22
 CUSTER SPAR - 19
 WHITING - 8
 DOLOMITE - 10
 TALC - 7
 OMAX (CALCINED KAOLIN) - 14
 EPK - 5
 FLINT - 12
 BENTONITE - 2

AMBER" CELADON - GLOSSY
 QUELY HONEY, AMBER OVER
 WHITE SLIP. C/9-10 R.
 ALBANY SLIP - 33
 WOLLASTONITE - 13
 EPK - 3
 GERSTLEY BORATE - 3
 WHITING - 7
 FLINT - 13
 CUSTER FELDSPAR - 20
 + YELLOW OCHRE - 7

NOO YELLOW, STONE MATT,
 TRAW, NAPLES YELLOWISH W/
 PECKING. C/9-10 R. (1260°C)
 KONA F/4 Feldspar - 33
 BARIUM CARBONATE - 25
 DOLOMITE - 12
 (KAOLIN) - EPK - 7
 FLINT - 7
 ZIRCOPAX - 15
 3 % RED IRON OXIDE ...

T2 GREEN MATT C/9-10 R, DARK
 MOST BLACK WHERE THIN, GREEN → THICK.
 EPHELINE SYENITE - 70
 WHITING - 10
 GERSTLEY BORATE - 10
 PETALITE - 10
 EPK - 8
 COBALT CARB. - 1 %
 RUTILE - 1 %
 (THIS GLAZE
 SOMETIMES
 SHIVERS !!!)

SHAMO DARKISH BURNT
 ORANGE/RED MATT C/9-10 R
 (MOSSEY GREEN WHERE VERY HEAVY)
 C/9-10 R.
 This glaze is a combination of
 2 glazes mixed together (wet),
 the proportions are - - - - -
 SHANER RED - 60 %
 MAMO MATT - 40 %

as follows - - - - -
 MAMO } OXFORD SPAR - 50
 MATT } CALCINED KAOLIN - 15
 EPK - 10
 DOLOMITE - 20
 WHITING - 5
 + TIN OXIDE - 6 %
 SHANER } CUSTER FELDSPAR - 51
 RED } TALC - 4
 EPK - 23
 WHITING - 21
 + BONE ASH - 4 %
 RED IRON OXIDE - 4 %

T.S. SPODUMENE: STONEMATT, TANISH
 GOING RUSTY BROWN WHERE THIN, TO
 CREAMY TAN WHERE THICK. C/9-10 R
 CUSTER FELDSPAR - 28
 SPODUMENE - 19
 EPK - 25
 DOLOMITE - 21
 WHITING - 2
 ZIRCOPAX - 6

VO RICH MATT BLUE, SATIN MATT
 DARKER WHERE THINNER - - -
 C/9-9½ R.
 CUSTER SPAR - 36
 GERSTLEY BORATE - 4
 DOLOMITE - 18
 WHITING - 4
 EPK - 22
 FLINT - 16

+ COBALT CARB. - 1 %
 CHROME OXIDE - ¼ % (¼ %)
 MANGANESE DIOXIDE ¼ %

VO C/QR Glazes

VO Spod. C/QR

Custer Spar - 30
 Spodumene - 20
 Dolomite - 22
 EPK - 25
 Whiting - 4
 Tin oxide - 5

+ Wollastonite - 4
 Bone ash - 3

VO OSW C/QR

Custer Spar - 40
 Talc - 3
 Wollastonite - 3
 EPK - 20
 Whiting - 16
 Bone ash - 4
 Red Iron oxide - 4
 Rutile - 1

VO SMOOTH/SATIN/SILKY MATT. T. Matt White

F/4 Feldspar - 24
 Custer Spar - 19
 Whiting - 9
 Dolomite - 10
 Talc - 6
 EPK - 4
 Calcined Kao. - 14
 Flint - 12

+ Bentonite - 2 %

VOES - C/QR

Custer Spar - 50
 Whiting - 20
 Bar. Carb. - 16
 EPK - 14
 100

+ Yellow ochre - 5
 Rutile - 3
 Bone ash - 2

VKGC C/QR

Neph. Sparite - 23
 Lith Carbonate - 16
 Gerstley Borate - 6
 Wollastonite - 6
 Talc - 13
 Barium Carb. - 10
 EPK - 8
 Flint - 18
 100

+ Rutile - 4
 Yellow ochre - 4
 Bone ash - 4.

all matt stone/like glazes - all
 give earthy colors, from ----
 white, to creamy white, to
 tan, to orangish brown and
 red rust, to brownish.

GLAZES FOR 9/9-10 REDUCTION • ALFRED SUMMER SCHOOL 1976.

DRIELLY WHITE, SATIN MATT 9/9-10
SOMETIMES SHOWS BROWN IRON SPOTTING

CUSTER FELDSPAR —	50.00
KONA F/4 Feldspar —	3.00
DOLOMITE —	8.00
WHITING —	9.00
(Kaolin) EPK —	5.60
IRON OXIDE (RED) —	3.40
PETALITE —	3.00
ZIRCOPAX —	6.00
BARIUM CARB. —	2.00
FLINT —	10.00
	<u>100.00</u>

PERSIMON GLOSSY BLUE 9/9-10
DOES A RICH RUST COLOR WHERE THIN
DOES RICH BLUE WHERE THICK.

CUSTER FELDSPAR —	70
WHITING —	15
FLINT —	<u>15</u>

+ BENTONITE	3 %
IRON OXIDE	2 %
RUTILE	3 %

MAMO TAN MATT 9/9-10

CUSTER Feldspar —	25
KONA F/4 feldspar —	25
Calcined Kaolin —	15
KINGSLEY KAOLIN —	10
DOLOMITE —	20
WHITING —	<u>5</u>

Base is matt white

TAN →	RUTILE • 3 %
→	GRANULAR — 2 %

CUSHING APPLE ASH GLAZE 9/9-10

APPLE WOOD ASH —	65
PBX FIRE CLAY —	20
OCMULGEE RED CLAY —	5
WOLLASTONITE —	5
CALCINED KAOLIN —	<u>5</u>
	100

SATIN TO GLOSSY TAN-YELLOWISH TO BROWN, TEXTURED, SPOTTED, WITH STREAKS. (VO)

CUSHING SATURATED IRON 9/9-10
GLOSSY BLACK WHERE THICK —
BREAKING RED PLUM WHERE THIN

CUSTER FELDSPAR —	20
KONA F/4 spar —	14
WHITING —	17
BARIUM CARB. —	3
EPK —	15
FLINT —	<u>31</u>

+ IRON OXIDE (RED) • 10 % (VO)

LANMAN "FAKE" WOOD ASH. 9/9-10
GREENISH, DRIPPY, STREAKS-WEBS
LOOKS LIKE TYPICAL WOOD ASH.

CUSTER FELDSPAR —	14
DOLOMITE —	9
BARIUM CARB. —	9
WHITING —	29
BALL CLAY —	17
FLINT —	<u>18</u>
+ IRON OXIDE —	4 %

CUSHING SATIN DOLL BLACK 9/9-10

ALBANY SLIP GLAZE —	65
NEPHELINE SYENITE —	15
BARIUM CARBONATE —	10

SPODUMENE

to. .natt, Tan, going Rusty Brown
here thin, to creamy Tan where thick.

Material	%	Grams
USTER FELDSPAR	28	5600
PODUMENE	19	3800
PK	25	5000
LOMITE	21	4200
WHITING	2	400
IRCOPAX	6	1200
Total	101	20,200

WIRT SHINO

Material	%	Grams
CONA F/4 SPAR	18	3600
SPODUMENE	15	3000
SODA ASH	4	800
NEPH SYENITE	46	9200
TEHN. BALL CLAY	16	3200
BENTONITE	1	200
Total	100	20,000

• CHOY • CLEAR • TRANSPARENT

Material	%	Grams
CUSTER FELDSPAR	50	10,000
WHITING	6	1200
EPK	4	800
BARIUM CARBONATE	12	2400
FLINT	28	5600
Total	100	20,000

CHOY BLUE CELADON

Material	%	Grams
CUSTER FELDSPAR	50	10,000
WHITING	6	1200
EPK	4	800
BARIUM CARBONATE	16	3200
FLINT	24	4800
Total	100	20,000
+ RED IRON OXIDE	2	400

IRON SATURATE

Material	%	Grams
CL ER FELDSPAR	40	8000
FLINT	30	6000
WHITING	20	4000
EPK	10	2000
Total	100	20,000
+RED IRON OXIDE	10	2000

V.C. SPODUMENE #2

Material	%	Grams
CUSTER SPAR	30	6000
SPODUMENE	20	4000
DOLOMITE	22	4400
EPK	25	5000
WHITING	4	800
TIN OXIDE	5	1000
Total	106	21,200
+WOLLASTONITE	4	800
BONE ASH	3	600

V.C. OSW

Material	%	Grams
CUSTER SPAR	40	8000
TALC	3	600
WOLLASTONITE	3	600
EPK	20	4000
WHITING	16	3200

Plus		
BONE ASH	4%	
RED IRON OXIDE	4%	
RUTILE	1%	

V.C. ES

Material	%	Grams
CUSTER SPAR	50	10,000
WHITING	20	4000
BARIUM CARBONATE	16	3200
EPK	14	2800
Total	100	20,000

Plus		
YELLOW OCHRE	5	1000
RUTILE	3	600
BONE ASH	2	400

V.C. GC

Material	%	Grams
NEPH. SYENITE	23	4600
LITHIUM CARBONATE	16	3200
GERSTLEY BORATE	6	1200
WOLLASTONITE	6	1200
TALC	13	2600
BARIUM CARBONATE	10	2000
EPK	8	1600
FLINT	18	3600
Total	100	20,000

Plus		
RUTILE	4	800
YELLOW OCHRE	4	800
BONE ASH	4	800

NOTE: Glazes V.C.SP.D. #2, OSW,ES,
and GC are all matt stone/like glaze
all give earthy colors, from white,
creamy white, to tan, to orangish
brown and red rust, to brownish.

HENNESSY BLUE CELEDON

Material	#1	#2(*)
K-200 FELDSPAR	41	44
WOLLASTONITE	22	20
DOLOMITE	5	4
GROLLEG	13	12
FLINT	19	20
Totals	100	100
Plus		
RED IRON OXIDE	5%	5%

OHARATA RED

Made for salt but works in reduction
also.

Material	%	Grams
CUSTER SPAR	43.5	8700
FLINT	21	4200
EPK	6	1200
TALC	6	1200
WHITING	7	1400
BONE ASH	10	2000
RED IRON OXIDE	10.5	2100
Total	104	20,800

ST. JOHN'S BLUE

Very blue in salt, black in reduction

Material	#1	#2
CUSTER SPAR	48	50
FLINT	20	20
WOLLASTONITE	10	10
GERSTLEY BORATE	4	5
TEHN. BALL CLAY	6	5
ZINC OXIDE	2	--
RED IRON OXIDE	3	4
COBALT OXIDE	2	1
BENTONITE	2	2

Note: The St. John's Blue formula #2
is a more mellow variation.

USTIN SHINO - GLOSSY, CARBON
AP- GOING FROM PALE GREYISH WHITE, TO
1ST BRUNN, TO SHADES OF GREY IN CARBON
AP.

	100 %	20,000 G
EPH. SYENITE - 45	9000	
ONA F/4 SPAR - 11	2200	
PODUMENE - 15	3000	
BALL CLAY - 15	3000	
EPK - 10	2000	
SODA ASH - 4	800	
CARBON TRAP) 100 %	20,000	

ANGES ALL THE TIME, ACCORDING TO
MONT OF REDUCTION. THIN APPLICATIONS
RUSTY COLORS, BUT CAN BE OVERRULED BY
REYS OF CARBON TRAP - HEAVY APPLIC. CRAWLS

LOSSY WHITE OPAQUE - (4,3,2,1)
20,000 G.

USTER SPAR - 40	8000
FLINT - 30	6000
WHITING - 20	4000
EPK - 10	2000
100	

US
high, smooth, glossy, durable,
white, heavy application is very white.
very functional surface. (CALLED A
WHITE LINER)

RICH MATT BLUE (SATIN)
SEMI OPAQUE
thin → dark grey blue
red → deep red blue
thick → lighter blue (not as good)

	20,000 G
USTER SPAR - 36	7200
ERSTLEY BORATE - 4	800
DOLOMITE - 18	3600
WHITING - 4	800
EPK - 22	4400
FLINT - 16	3200
100	

PLUS +
COBALT CARBONATE 1 - 200 G.
MANGANESE DIOXIDE 1/4 % - 50 G.
MANGANESE DIOXIDE 1/2 % - 100 G
Tints to go glossy at C/10 - best
+ C/9 to C/1 1/2.

MARK'S TEMMOKU ★★★★★
black, Glossy opaque (THICK)
RUST, orange red (THIN)

	20,000
USTER SPAR - 46	9200
(K800 is best)	
WHITING - 17	3400
FLINT - 26	5200
GROLLEG - 11	2200
100	

PLUS +
RED IRON OXIDE - 10 % 2000
BENTONITE - 1 % 200
mix bentonite in water first,
then add grolleg, then add
clay -

VO SPODUMENE MATT. OPAQUE - SMOOTH
clearing buff color where thick -
thin ivory medium - rust brown, thin.

	100 %	20,000
CUSTER SPAR - 30	6000	G.
EPK - 24	4800	"
SPODUMENE - 20	4000	"
DOLOMITE - 22	4400	"
WHITING - 4	800	"
PLUS + 100		
ZIRCOPAX - 6 %	1200	"

add clay first & blunge, then add
other ingredients. This glaze will
break and change color over texture,
throwing lines etc.

VO RED, YELLOW MATT, SMOOTH.
SOFT RUST / BROWN breaking to soft
STRAW YELLOW, GREENISH where THICK.

	20,000 G
CUSTER SPAR - 50	10,000
EPK - 15	3000
BARIUM CARB. - 15	3000
WHITING - 20	4000
100	
YELLOW OCHRE - 5 %	1000
RUTILE - 2 %	400

good over texture, throwing lines etc.

VO L.P. MATT - OPAQUE, GREY-BLUE
BLACK-ORCHID

	20,000
KONA F/4 SPAR - 30	6000
DOLOMITE - 20	4000
BARIUM CARB. - 15	3000
EPK - 25	5000
FLINT - 10	2000
100	20,000

PLUS +
COBALT CARBONATE 1 % - 200 G.
GRANULAR MANG. 1/2 % - 100 G.
60 to 80 MESH.
MANGANESE DIOXIDE 1/4 % - 50 G.
thin → almost black, dark brown
med. → greenish / bluish
THICK → ORCHID, LAVENDER.

AMBER CELADON. GLOSSY - WARM
BROWN → THICK | THIN → YELLOW (OVER WHITE)
SLIP.

	20,000
ALBANY SLIP - 33	6600
WOLLASTONITE - 13	2600
EPK - 3	600
GERSTLEY BORATE - 3	600
WHITING - 7	1400
FLINT - 14	2800
CUSTER SPAR - 20	4000
100	

PLUS +
YELLOW OCHRE - 7 % 1400
mostly yellowish amber over
white clay or white slips -
darker browns over dark clay.
can go full matt in places.

SECRET CELADON. GLOSSY, PALE
BLUE GREEN
TRANSPARENT. GOOD OVER SLIP...

	20,000 G
CUSTER SPAR - 54	10,800
EPK - 6	1200
FLINT - 24	4800
WHITING - 12	2400
BARIUM CARB. - 2.5	500
ZINC OXIDE - 2.5	500
100	
PLUS, RED IRON OXIDE 2 %	400

The blue green is deeper and richer
in color when it is applied
thickly. color is brighter & more
intense over white slip or clay.

MAMO. SATIN, MATT (WHITE)
WHITE, ALMOST OPAQUE, SMOOTH, SOFT
BREAKS WHERE THIN, TO RUST, TAYST COLOR.

	20,000 G
KONA F/4 SPAR - 50	10,000
DOLOMITE - 19	3800
(CHINA) GROLLEG - 20	4000
WHITING - 5	1000
TIN OXIDE - 6	1200
100	

Do not use as an "inside" glaze
it is not a white liner type.

VO RIVULET (ASH LOOKING) HIGH
CALCIUM
This looks like a wood ash glaze - the
glaze separates and forms little
runny drips. Glossy and matt.

	20,000 G
BALL CLAY - 30	6000
WHITING - 30	6000
BARIUM CARB. - 15	3000
DOLOMITE - 15	3000
FLINT - 10	2000
100 %	

PLUS +
RED IRON OXIDE 4 % - 800
Do not use this glaze where the
application goes right to the foot -
it will run - stop the application
higher up on the form, or put a stop
in the form (ridge etc.)

TOMATOE RED: GLOSSY, OPAQUE
PLUM TO PERSIMON
ORANGE, RUST, RED

	20,000 G
KONA F/4 SPAR - 45	9000
FLINT - 24	4800
EPK - 7	1400
MAGNESIUM CARBONATE - 6	1200
WHITING - 7	1400
BONE ASH - 11	2200
100	20,000

PLUS +
RED IRON OXIDE - 8 % - 1600
BENTONITE 2 % 400
* You must add the bentonite
to water first, and blunge -
then add the other
ingredients

10/8/84

'9-10 Reduction Glazes - Valerishing

① GWTB - transparent / Glossy Base.

-200 feldspar - 40
 Whiting - 18
 Flint - 28
 EPK - 10
 Zinc Oxide - 2
 wollastonite - 2

for strong glossy white opaque

• Base glaze + } ZIRLOPAX - 12%

② TBZ - transparent / Base / Glossy.

-200 feldspar - 46
 Gerstley Borate - 12
 Dolomite - 8
 Zinc Oxide - 2
 Whiting - 2
 EPK - 2
 Flint - 28
 100

for glossy / white / opaque

• Base glaze + } ZIRLOPAX - 12%

• Reduction Black Glazes various types.

③ Albany Slip - 80
 Nephr. Syenite - 15
 Cobalt Carl. - 5

glossy, deep black,
 slightly textured (spots).

④ Flat / matt / Black (ox. on red.)

Cornwall Stone - 42
 Dolomite - 15
 Whiting - 10
 EPK - 23
 Flint - 10

+
 yellow oxide - 6%
 Cobalt Carl. - 2%
 Chrome Oxide - 1%

⑤ VOBB - Satin / matt Black.

Albany Slip - 30
 Cornwall Stone - 30
 Barium Carbonate - 30
 EPK - 10

+ Cobalt Carl. - 2%
 Red Iron Oxide - 4%
 Chrome Oxide - 1%

⑥ VOBMI - matt / Black / Dryish.

Albany Slip - 40
 Nephr. Syenite - 20
 Wollastonite - 10
 Zalt - 10
 Dolomite - 10
 Barium Carl. - 10

+
 Cobalt Carbonate - 2%
 Manganese Dioxide - 2%
 Copper Carbonate - 2%

10 "MIXED ASH" GLAZE.

C/9-10 Reduction
Drippy yellowish

CUSTER SPAR - 30
ANY MIXED WASHED ASH - 45
YELLOW OCHRE - 25
100

10 LUNG CHUAN TYPE
SOFT, SATIN GLOW -
C/9-10 R. (Green).

CUSTER SPAR - 30
WHITING - 18
FLINT - 30
EPK - 8
BARNARD CLAY - 4
ANY WOOD ASH - 6
Red IRON OXIDE - 1
BALL CLAY - 3

10 "Good Color" satin matt.
C/9-10 R.

Neph. Syenite - 27
Lith. Carbonate - 18
Serp. Borate - 5
Wollastonite - 8
Talc - 14
EPK - 8
Flint - 20

by various colorants -
IRON oxide } 2%
rutile } 4%

1/2 % Chrome →

1 % Copper carb →

10 INGERSON matt.
C/9-10 R.

F/4 Kona Spar - 50
Flint - 14
EPK - 10
Whiting - 16
Talc - 10

smooth, dryish matt.
darkens where thin.

8 % Rutile → orangish
straw w/
white specks.

1/4 % Maroon Black → medium dark
Grey blue w/
white specks.

10 revised KYLLIKKI' matt
C/9-10 R.

Custer spar - 50
Barium carb. - 30
Whiting - 10
EPK - 10

1 % cobalt carb → gives hard
deep strong blue-like inside
of early Amer. or 10 stoneware
mixing bowl blue.

2 % iron - yellowish green.

1/2 % Chrome - yellow green.
oxide

3 % Copper → speckled.

2 % iron } orangish
4 % rutile } brown.

C/9-10. OXIDATION GLAZES. Valenshine

10/8/84

(II)

DOMW2: Satin/Matt/white

Custer Feldspar - 36
 Gerstley Borate - 4
 Dolomite - 18
 Flint - 16
 EPK - 22
 Whiting - 4

to make this base glaze
 more (totally) opaque

• add ... ZIRLOPAX - 8 %

DOMW3: Matt/white/opaque

ONA Fl/4 feldspar - 22
 Custer Spar - 20
 Whiting - 8
 Dolomite - 10
 Talc - 8
 calcined Kaolin - 14
 EPK - 6
 Flint - 12
 Zirconite - 1 %

DOMW4: matt/white/

K-200 feldspar - 50
 calcined Kaolin - 16
 EPK - 10
 Dolomite - 20
 Whiting - 4
 100

DOMB: Matt/Black

Albany Slip - 65
 Veph. Syenite - 10 + Plus
 Barium Carbonate - 10
 Talc - 15

Chrome Oxide - 1 %
 Cobalt Carb. - 2 %
 Mang. Diopide - 1 %

GLOSSY BLACK:

Albany Slip - 80
 Veph. Syenite - 15
 Cobalt Carb. - 5
 100

FLAT/MATT/BLACK

Cornwall Stone - 42
 Dolomite - 15
 Whiting - 10
 EPK - 23
 Flint - 10
 100

• Base glaze +

YELLOW OCHRE - 6 %
 COBALT CARB. - 2 %
 CHROME OX. - 1 %