














# GLAZE TESTS 9-2019 CONE 6

Base Glaze = White Liner: 23% Nepheline Syenite, 23% Frit 3124, 14" Whiting, 17% EPK, 23% Flint, add 16% Zircopax  
 50 gram quantities WL / test

Bottled Glazes: (BG) Western Burgundy Gloss 452-9  
 (CC) Coyote Crazed Copper MBG036  
 (RR) Coyote Real Red MBG07  
 (TM) Coyote Turquoise Matt MBG033  
 (SG) Amaco Saturated Gold PC-2  
 (TC) Amaco True Celedon PC-40





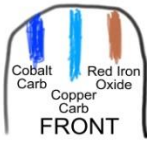
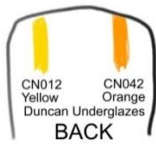

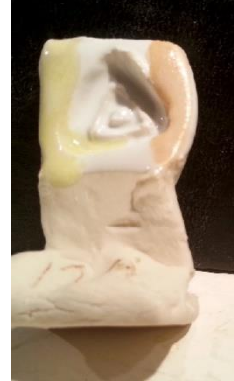


ID	ADDED	CLAY	COMMENT	IMAGE
1A	0	Sandstone Buff Quyle	Unsieved, -1 1A-2 = sieved	
2A	Cobalt Carb 0.25%	Sandstone Buff Quyle	Light blue, matt, some iron interference from clay, esp single dip.	
2B	"	Santa Barbara White	Light blue, matt, slightly lighter single dip.	
2C	Cobalt Carb 0.5%	Sandstone Buff Quyle	More of a denim blue, Slight Navy color, matt	
2D	"	Santa Barbara White	Denim blue, Bit lighter than Quyle, matt	




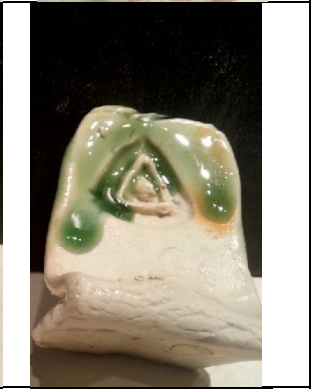

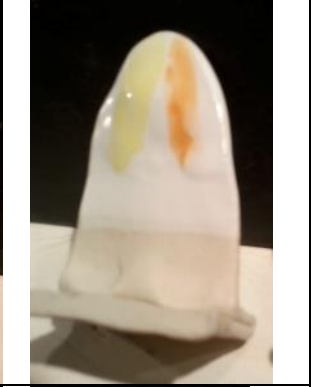


3A	Copper Carb 2.5%	Sandstone Buff Quyle	Deep Green, gloss Darker/brown break thru where thin		
3B	"	Santa Barbara White	Dark Green, gloss		
3C	Copper Carb 5%	Sandstone Buff Quyle	Darker green, gloss Some areas of reduction (where thin) – pinkish		
3D	"	Santa Barbara White	Sea Green, gloss		
4A	Rutile 2.5%	Sandstone Buff Quyle	White, semi-gloss, not quite as matt as no additives, interaction with iron where thin		
4B	"	Santa Barbara White	White semi-gloss, not quite as matt as no additives		
4C	Rutile 5%	Sandstone Buff Quyle	Semi-gloss, tannish		
4D	"	Santa Barbara White	Semi-gloss, white (no tan)		

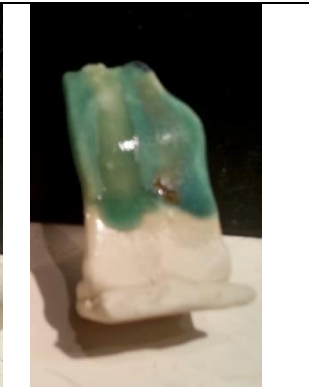

5A	Cobalt Carb: Rutile 0.25%:2%	Santa Barbara White	Light light blue, semi-gloss		
5B	" 0.5%:2%	"	Slightly bluer, semi-gloss		
5C	" 0.25%:5%	"	Light lighter blue		
5D	" 0.5%:5%	"	A bit darker – going almost denim		
6A	Copper Carb: Rutile 2.5%:2%	Santa Barbara White	6A = unsieved 6A1 = sieved Deep green, gloss, breaks darker where thin, sieved is more even, lighter green  Sieved because the copper carbonate was not dissolving easily.		
6B	" 5%:5%	"	6B = unsieved 6B1 = sieved Darker "kelp" green, breaks darker where thin, sieved is more even, lighter green		

7A	Red Iron Oxide 3%	Santa Barbara White	Off-white, semi-gloss, brown speckles		
7B	" 5%	"	Tan, semi-gloss, darker brown speckles		
8A	? 1%	Santa Barbara White	Thought this was a black iron oxide (NOT); best guess is black copper oxide. Light green with a tinge of blue		
8C	" 3%	"	Darker green with a hint of blue		
9A	Frit 3124: Rutile 2%:2%	Santa Barbara White	White semi-gloss with a tinge of cool grey		
9B	4%:4%	"	White semi-gloss with a tinge of cool bluish grey		

16A	WL/BG	<p>Left Image = Santa Barbara White</p> <p>Rt Image 16A-1 = Quyle Sandstone Buff</p>	<p>1<sup>ST</sup> dip White Liner (WL), second dip bottle glaze, ID's at top of doc</p> <p>16A = red wine red, semi-gloss 16A-1 = red blush, semi-gloss</p>		
16B	WL/CC	<p>Left Image = Santa Barbara White</p> <p>Rt Image 16A-1 = Quyle Sandstone Buff</p>	<p>Light turquoise, gloss, a bit runny where thick</p>		
16C	WL/RR	<p>Left Image = Santa Barbara White</p> <p>Rt Image 16A-1 = Quyle Sandstone Buff</p>	<p>Bright red gloss, some transparency where thinner/breaking</p>		
16D	WL/TM	<p>Left Image = Santa Barbara White</p> <p>Rt Image 16A-1 = Quyle Sandstone Buff</p>	<p>Blue-green, semi-gloss, breaking /transparency where thinner</p>		

16E	WL/SG	Left Image = Santa Barbara White  Rt Image 16A-1 = Quyle Sandstone Buff	Dark brown/black with warm "goldish" overtone		
16F	WL/TC	Left Image = Santa Barbara White  Rt Image 16A-1 = Quyle Sandstone Buff	Light Blue-green, glossy, transparent where thinner/breaking		
			<p>The following tiles, 17 A-17D, have the colorants applied UNDER the various glazes.</p> <p>18A – 18D, have the colorants striped on TOP of the various glazes.</p>	<p>Colorant stripe order on test tiles</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Cobalt Carb    Red Iron Oxide Copper Carb <b>FRONT</b></p> </div> <div style="text-align: center;">  <p>CN012    CN042 Yellow    Orange Duncan Underglazes <b>BACK</b></p> </div> </div>	
17A	WL	Santa Barbara White	The Duncan underglazes under the WL look good – clear, defined....better than on top		
17B	CC	“	Runny!		

17C	TM	“			
17D	TC	“	Runny!		
18A	WL	“	The colorants on top of the WL show best of all. The iron oxide was too dilute to show. Underglazes on top of WL not as defined as when used under WL		
18B	CC	“	Runny!		

18C	TM	“			
18D	TC	“	Runny!		
19A	BG/WL	Santa Barbara White	<p>For comparison purposes, the image on the right is tiles with the WL dipped first (under) the bottle glaze</p> <p>BG under WL is very transparent          BG over WL is brighter, more “solid”</p>		
19B	CC/WL	“	<p>CC dipped first (under WL) is runny.          CC over WL nice color and breaks nicely</p>		



19C	RR/WL	“	RR dipped first (under WL) is pretty shiny/thick. On top of the WL is a little less “fire engine red”, more carmine		
19D	TM/WL	“	TM under WL is less glossy than TM by itself, and has nice variation. TM on top looks thinner, glossier		
19E	SG/WL	“	SG under WL is a uniform golden dark brown. On tip, it is a darker brown		
19F	TC/WL	“	TC under the WL still glossy, and breaks nicely, a bit darker blue green. On top, breaks nicely, glossy, a bit bluer.		