Glassy Eyed-Δ6

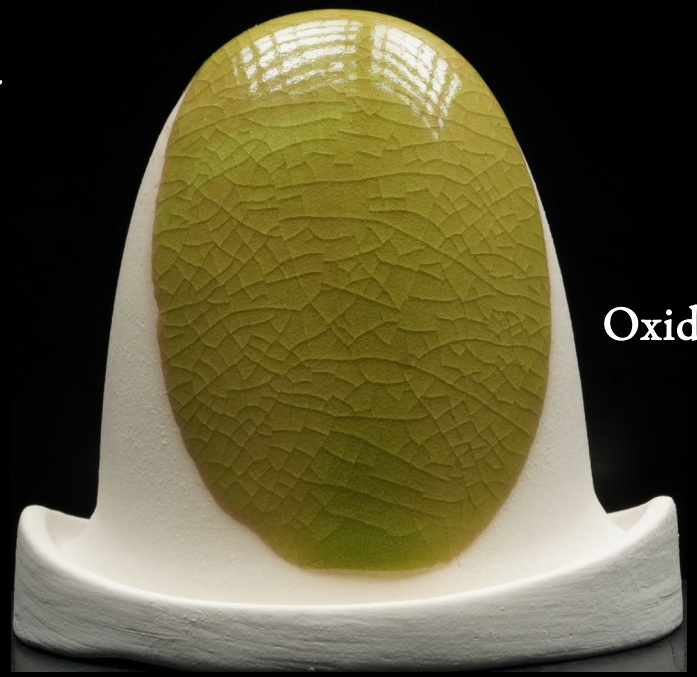
Lab 2-Flux Capacity

Glassy Eyed

Original

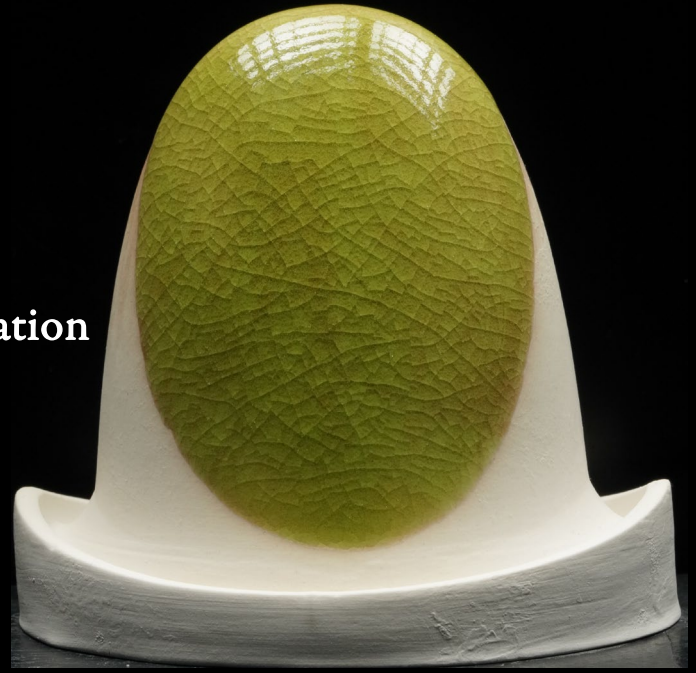
070422-1

G200 EU	25.52
Strontium Carb	20.75
EPK	19.81
Flint	26.41
3134	15.28
Chrome Oxide	0.33
Water	60

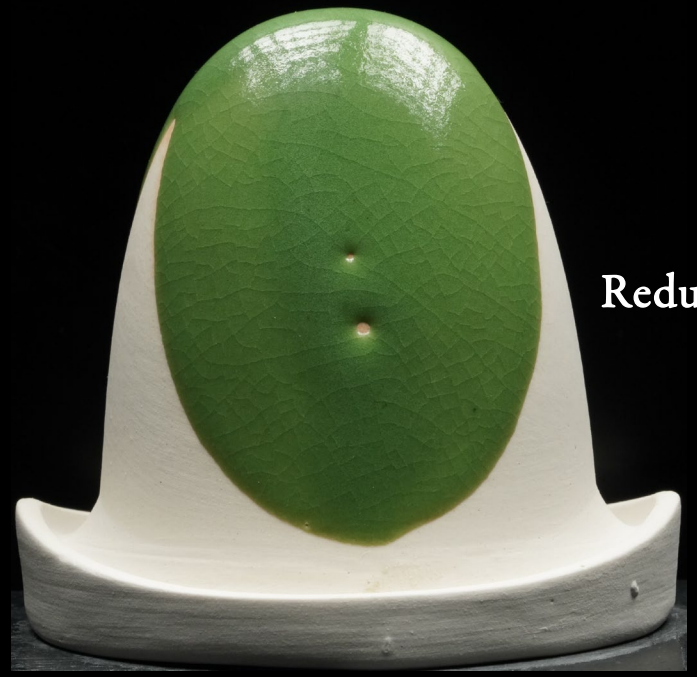


1-3 Second Dip

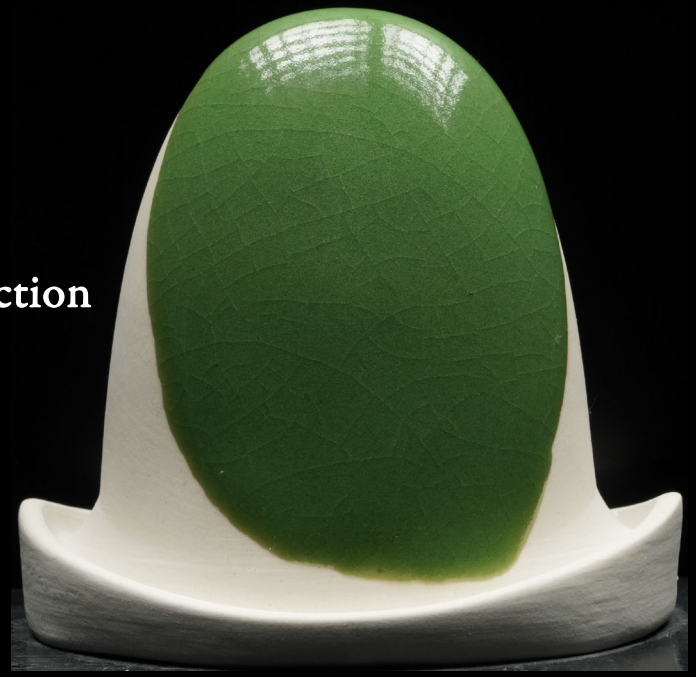
Oxidation



2-3 Second Dips



Reduction



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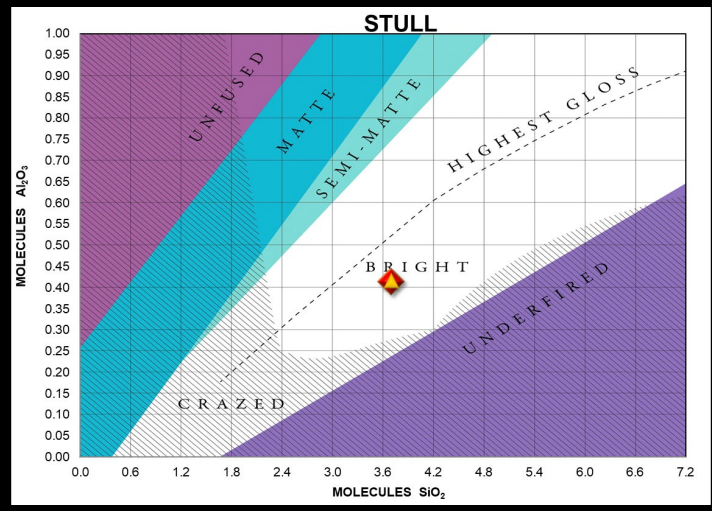
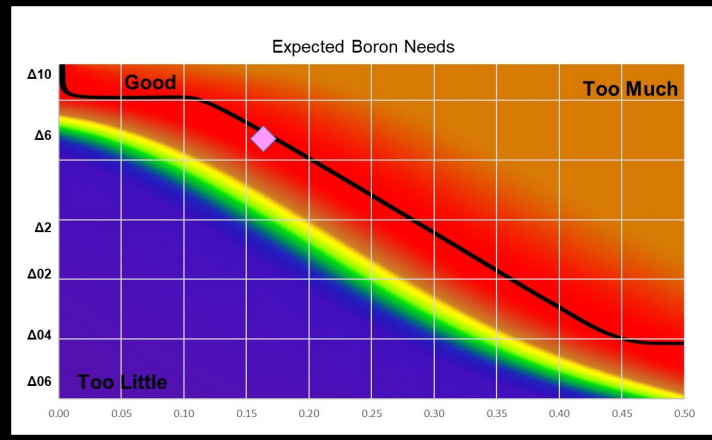
UMF

SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.24		Alkaline Earths 0.76	
SiO_2 3.70	Collective "Al_2O_3" 0.42	Na_2O 0.13	K_2O 0.11	MgO 0.00	CaO 0.23
B_2O_3 0.16	Al_2O_3 0.41	Li_2O	CuO	SrO 0.52	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.24		Alkaline Earths 0.76	
SiO_2 3.70	Collective "Al_2O_3" 0.42	Na_2O 0.13	K_2O 0.11	MgO 0.00	CaO 0.23
B_2O_3 0.16	Al_2O_3 0.41	Li_2O	CuO	SrO 0.52	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO



Lab 2-Alkali Metals-Oxidation

1-3 Second Dip


070422-1


070422-8


070422-9


070422-10

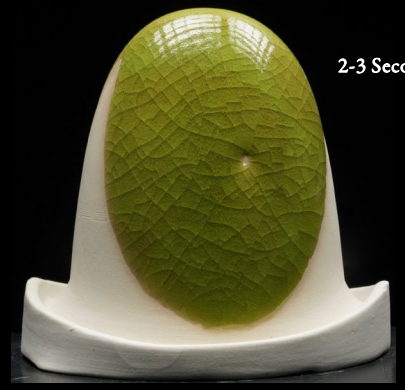

070422-11


070422-12

2-3 Second Dips


Original (G200 EU)


w/Custer


w/Mahavir


w/Minspar


w/Neph Sy


w/Spodumene

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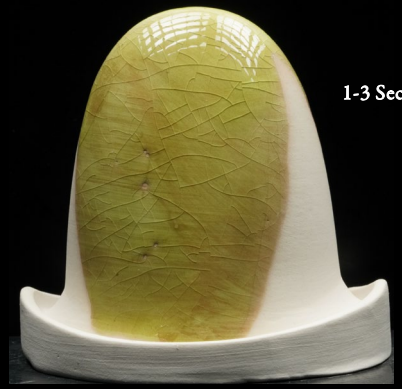
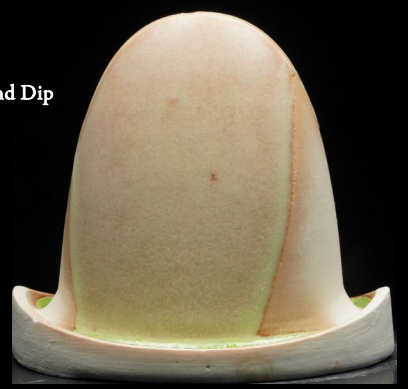
Lab 2-Alkali Metals-Oxidation

1-3 Second Dip

070422-1



070422-14



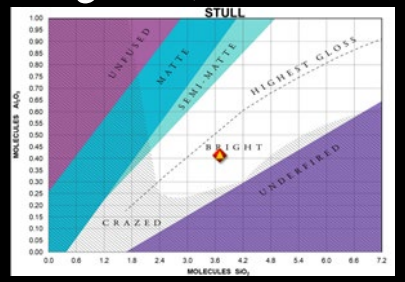
070422-15

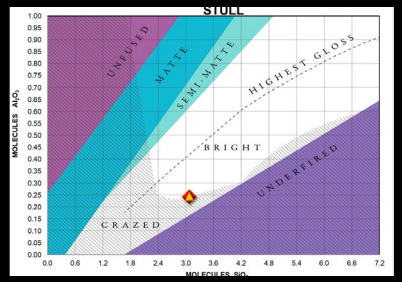
2-3 Second Dips

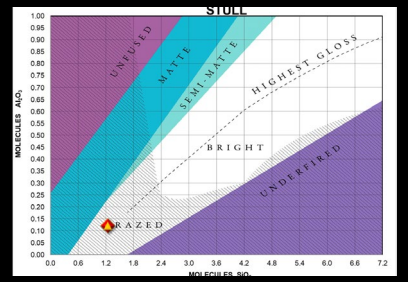
Original (G200 EU)

w/Frit 3110

w/Lithium Carbonate







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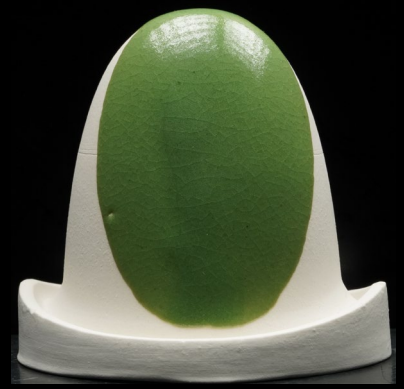
Lab 2-Alkali Metals-Reduction

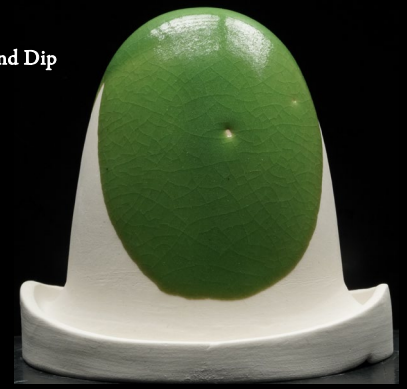
1-3 Second Dip

070422-1



070422-8

070422-9

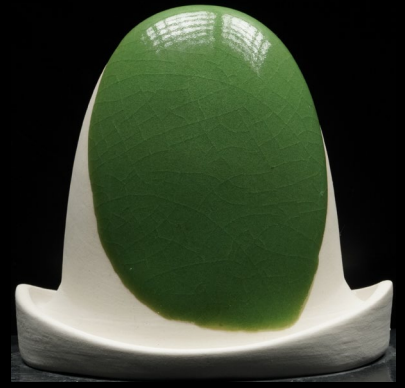


070422-10

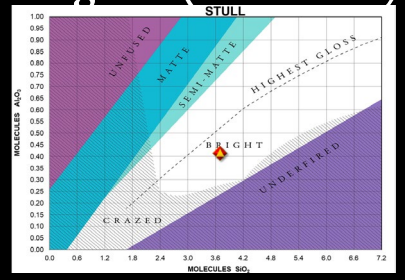
070422-11

070422-12

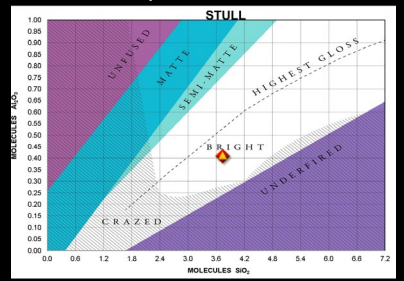
2-3 Second Dips



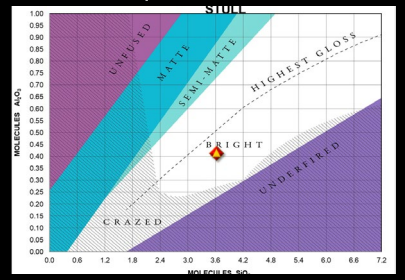
Original (G200 EU)

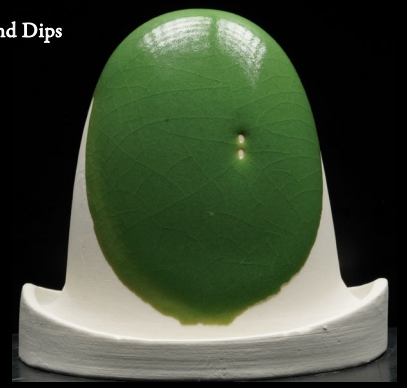


w/Custer

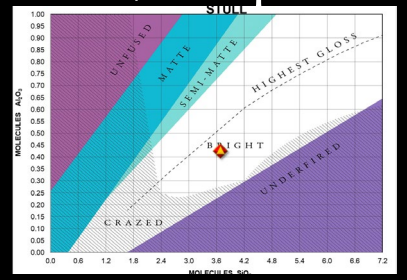


w/Mahavir

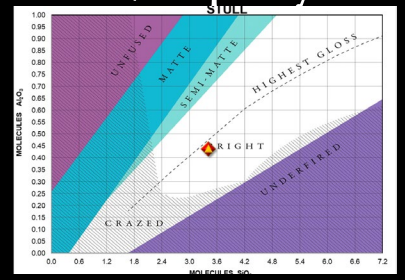




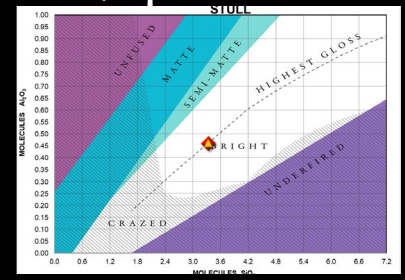
w/Minspar



w/Neph Sy



w/Spodumene



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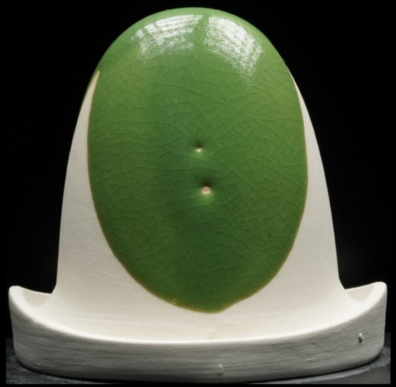
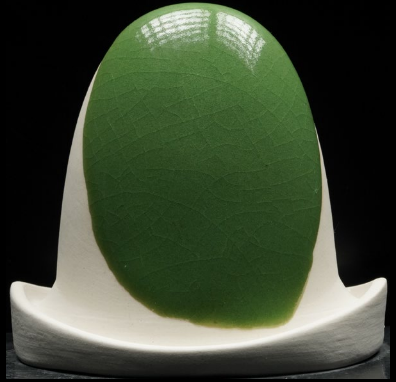
Lab 2-Alkali Metals-Reduction

1-3 Second Dip

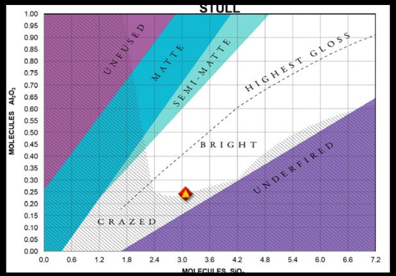


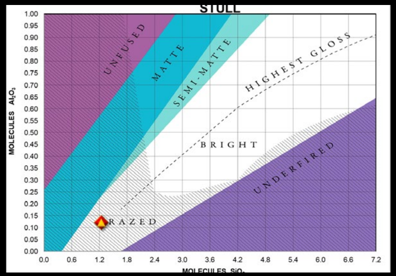
070422-1 070422-14 070422-15

2-3 Second Dips



Original (G200 EU) w/Frit 3110 w/Lithium Carbonate





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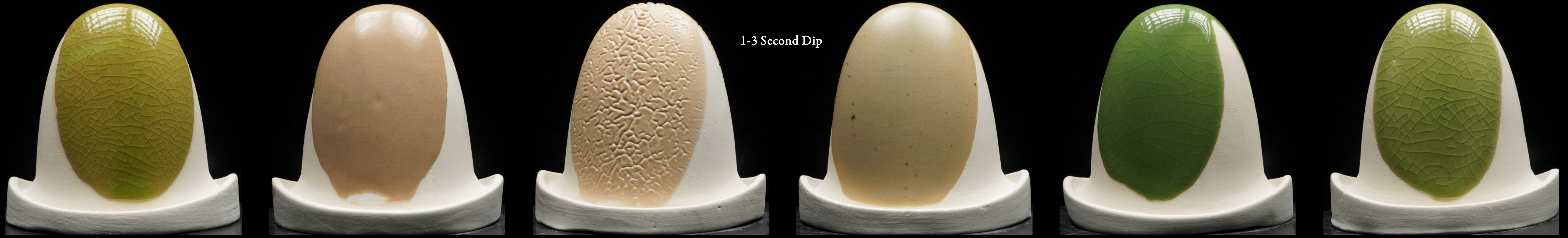
Lab 2-Alkaline Earth-Oxidation



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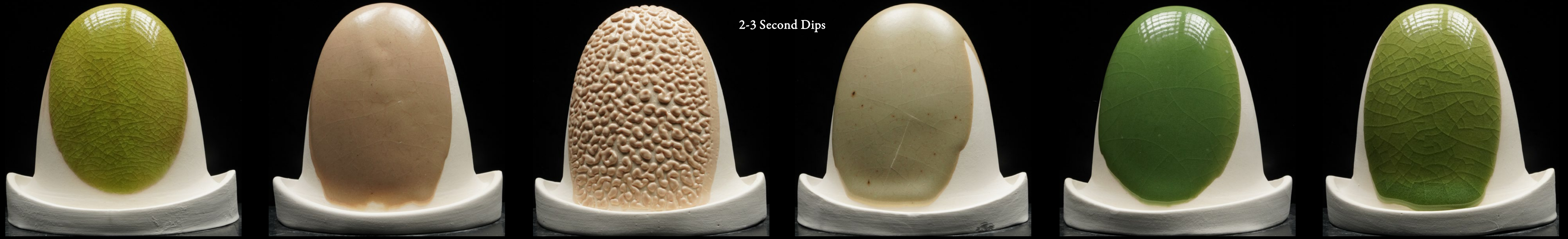
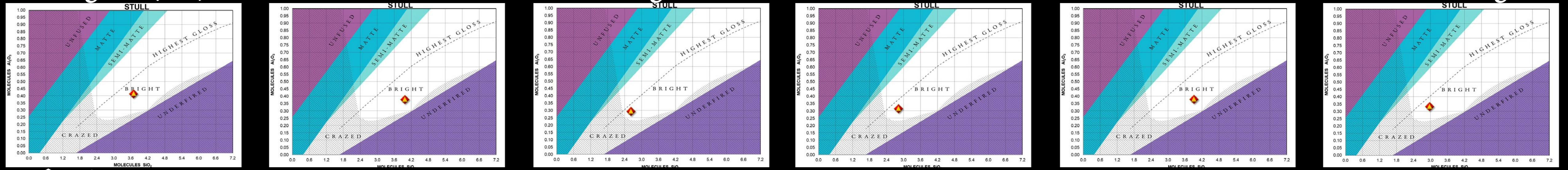


Original (SC) | w/Talc | w/Mag Carb | w/Dolomite | w/Wollastonite | w/Whiting



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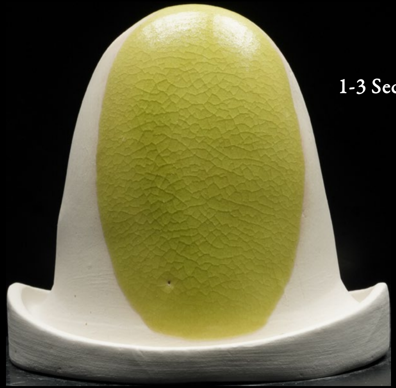
Lab 2-Alakline Earth-Oxidation

1-3 Second Dip

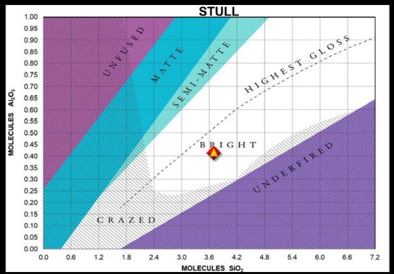



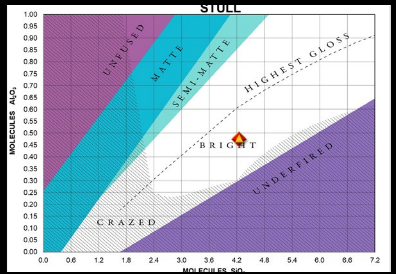
070422-1 | 070422-21 | 070422-22 | 070422-23

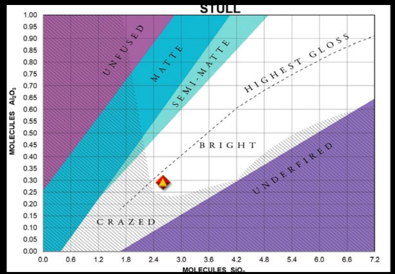
2-3 Second Dips

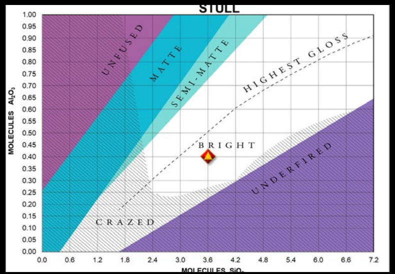



Original (SC) | w/Barium Carb | w/Zinc Oxide | w/Bone Ash





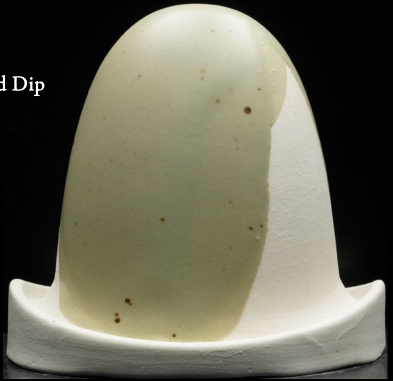
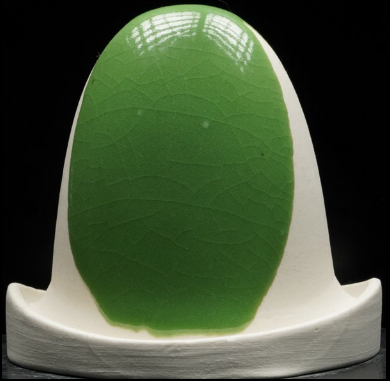




Lab 2-Alakline Earth-Reduction

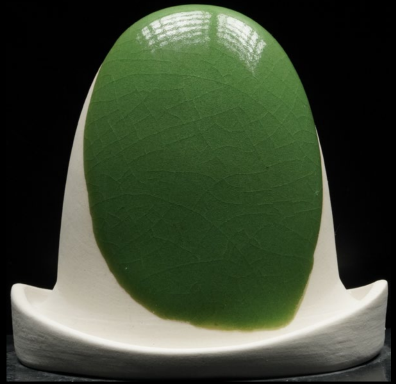
1-3 Second Dip



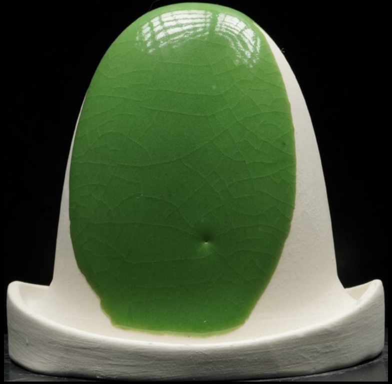





070422-1 | 070422-16 | 070422-17 | 070422-18 | 070422-19 | 070422-20

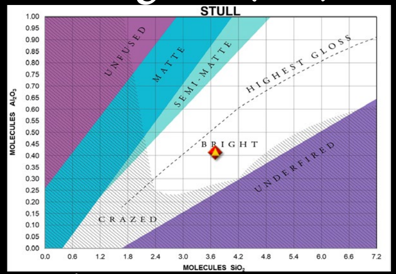
2-3 Second Dips

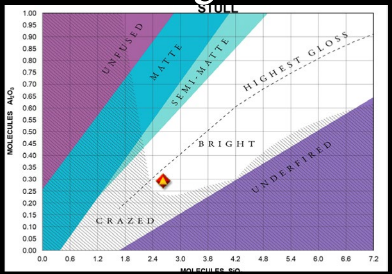


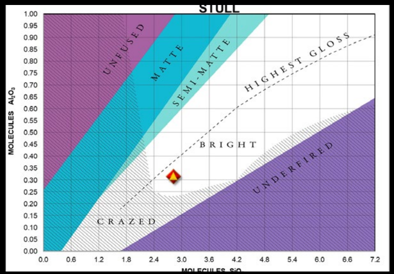


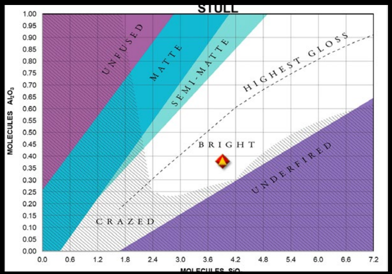


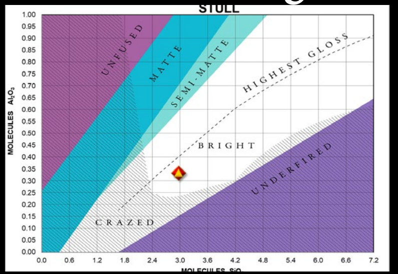

Original (SC) | w/Talc | w/Mag Carb | w/Dolomite | w/Wollastonite | w/Whiting











Lab 2-Alkaline Earth-Reduction

1-3 Second Dip

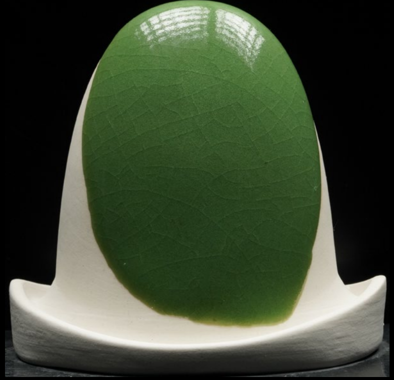
070422-1

070422-21

070422-22

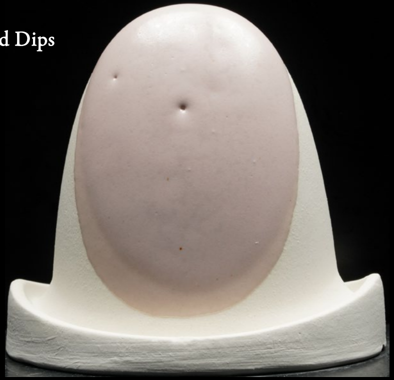
070422-23

2-3 Second Dips



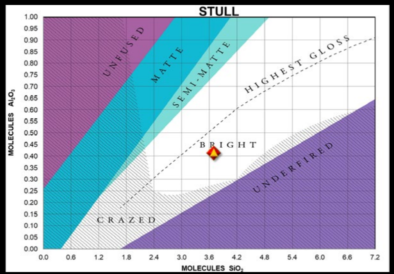
Original (SC)

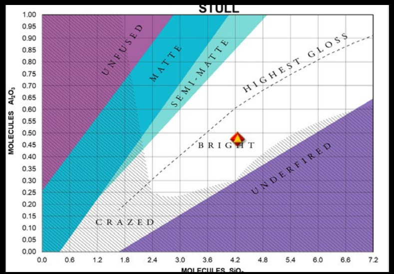
w/Barium Carb

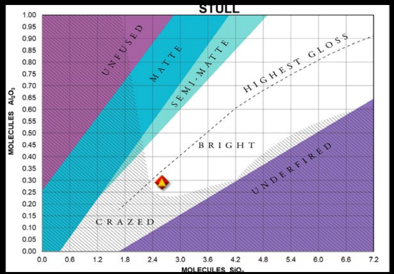


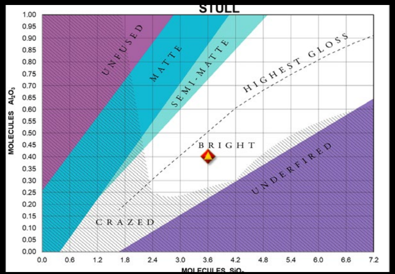
w/Zinc Oxide

w/Bone Ash









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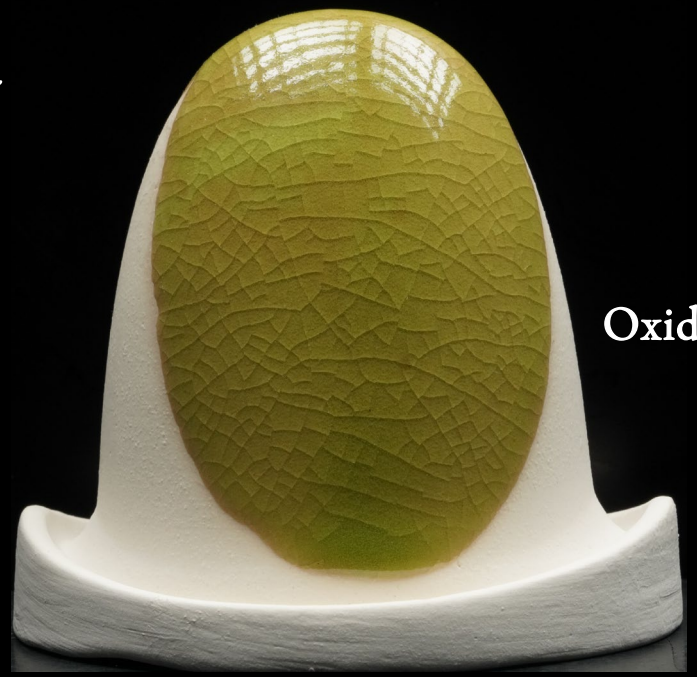
Glassy Eyed

Original

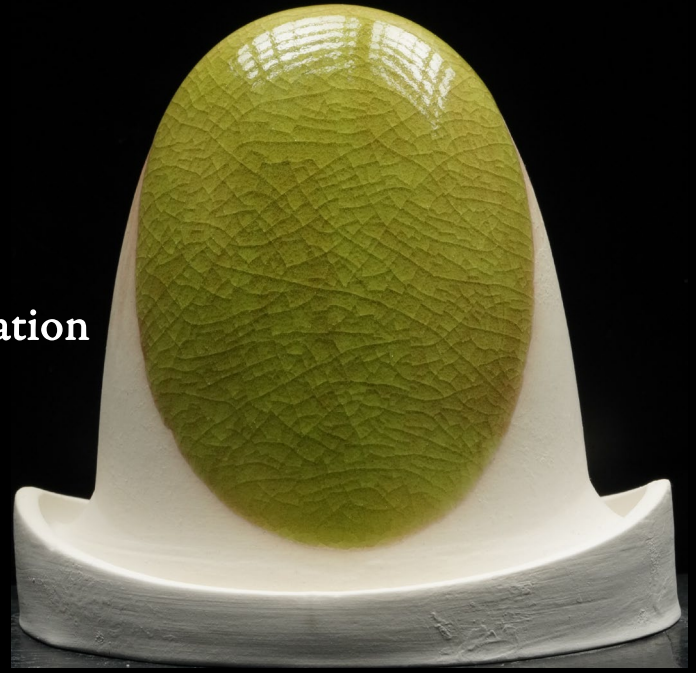
070422-1

G200 EU	25.52
Strontium Carb	20.75
EPK	19.81
Flint	26.41
3134	15.28
Chrome Oxide	0.33
Water	60

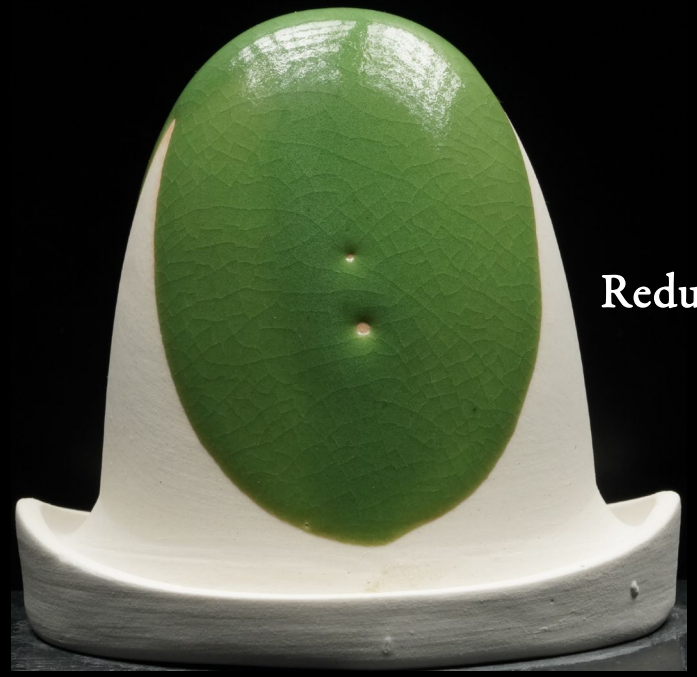


1-3 Second Dip

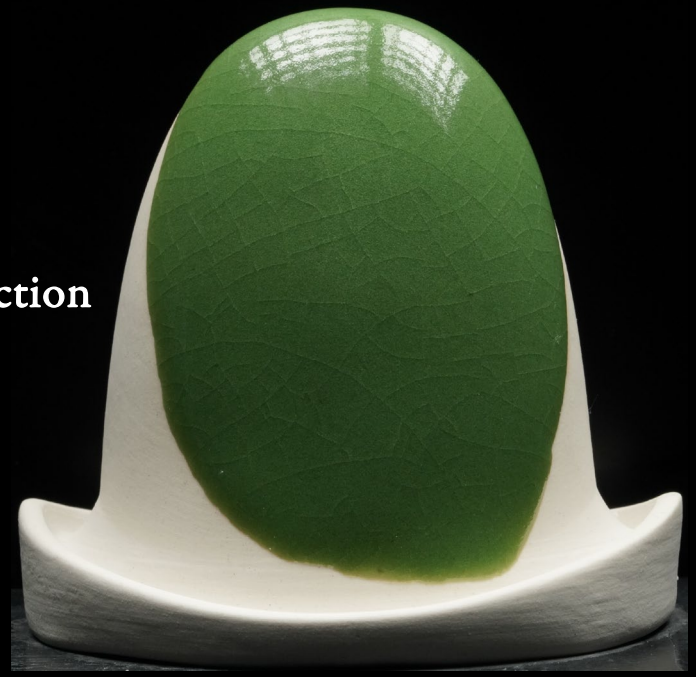
Oxidation



2-3 Second Dips



Reduction



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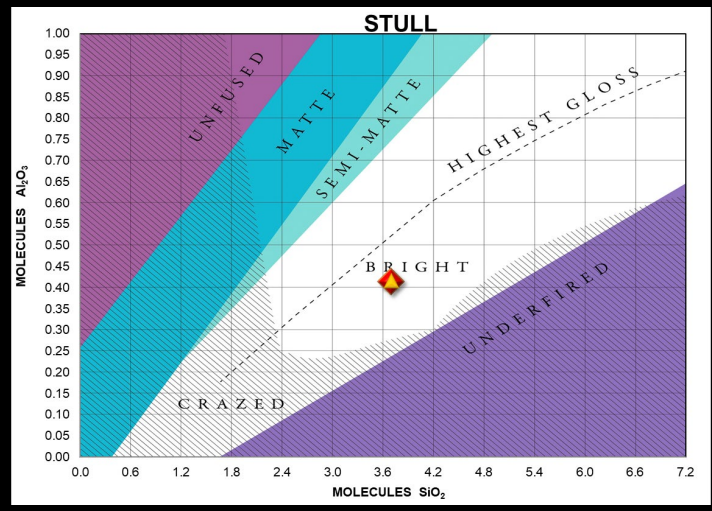
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

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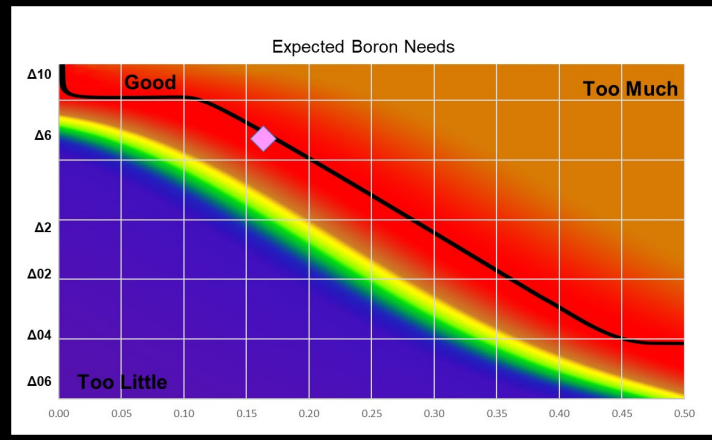
B_2O_3 0.16	Al_2O_3 0.41	Li_2O	CuO	SrO 0.52	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO



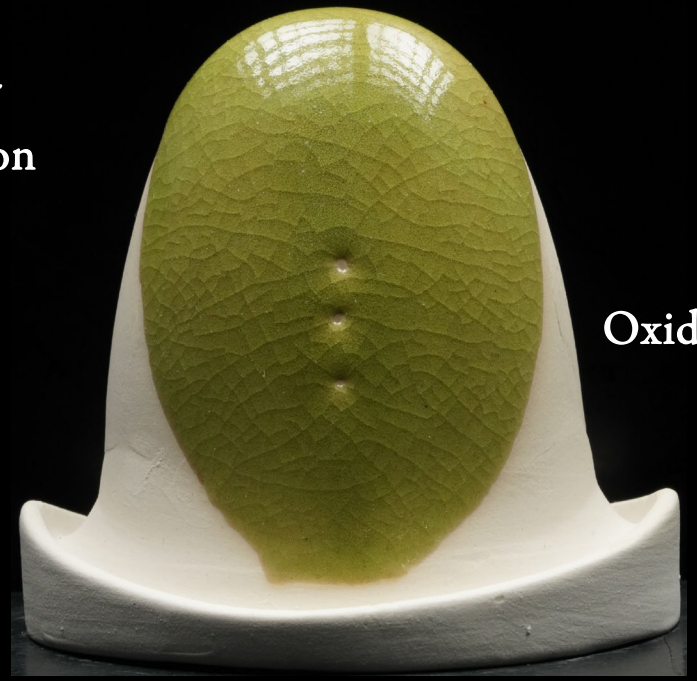
Glassy Eyed

Weight Substitution
Custer Feldspar

070422-8

Custer	23.68
Strontium Carb	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60

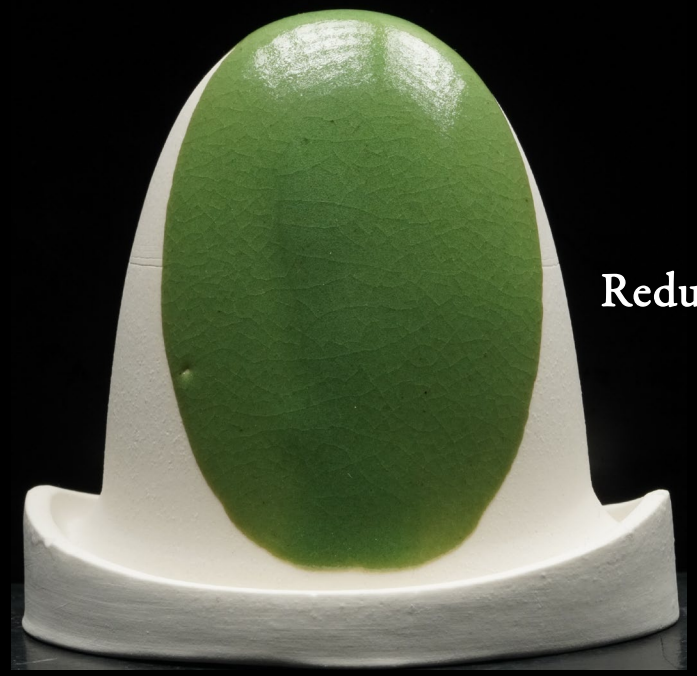
Oxidation

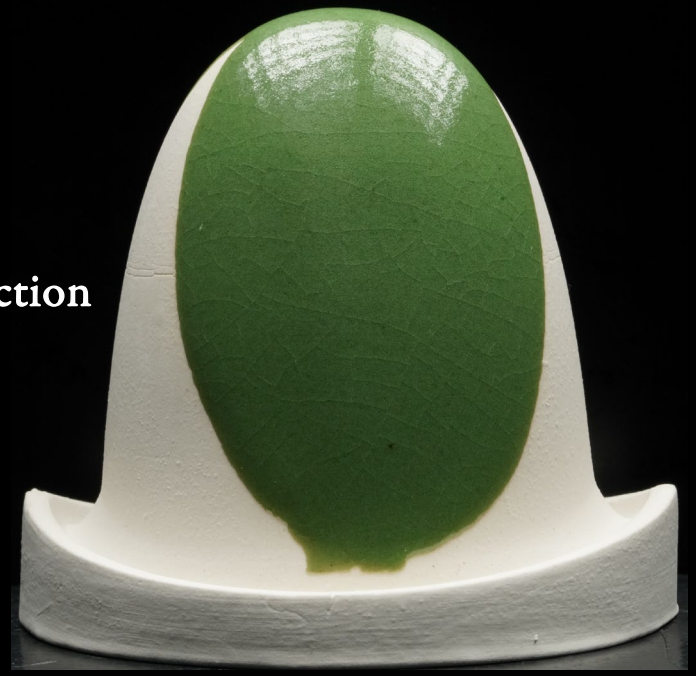


1-3 Second Dip

2-3 Second Dips

Reduction





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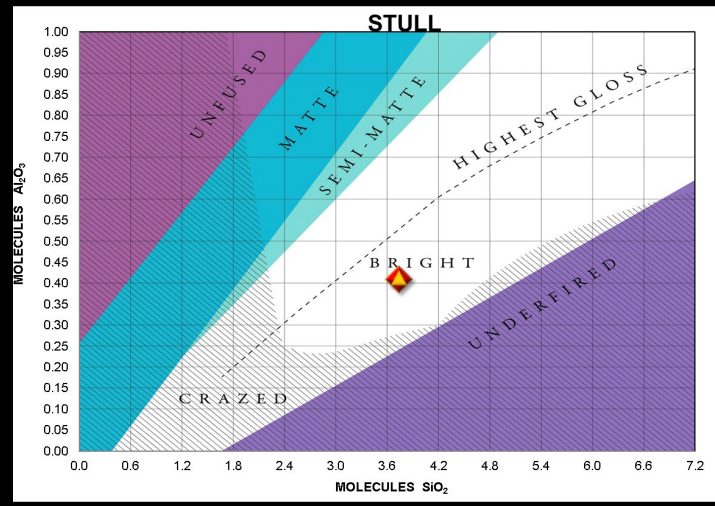
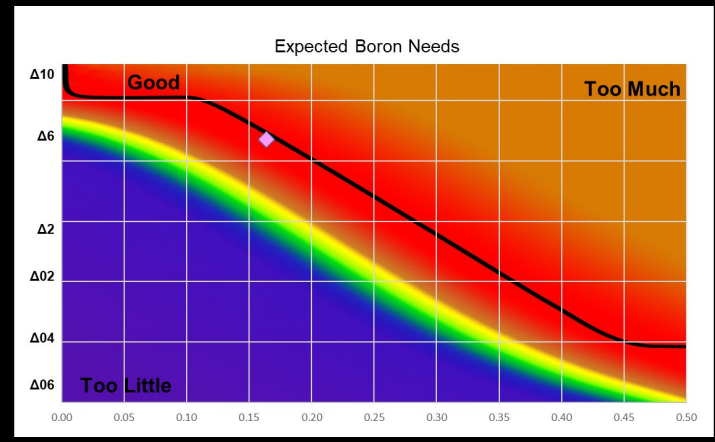
UMF

SiO_2:Al_2O_3 Ratio 9.03 :1		Alkali Metals 0.23		Alkaline Earths 0.77	
SiO_2 3.74	Collective "Al_2O_3" 0.41	Na_2O 0.13	K_2O 0.11	MgO 0.01	CaO 0.23
B_2O_3 0.16	Al_2O_3 0.41	Li_2O	CuO	SrO 0.52	BaO
TiO_2 0.01	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.02
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 9.03 :1		Alkali Metals 0.23		Alkaline Earths 0.77	
SiO_2 3.74	Collective "Al_2O_3" 0.41	Na_2O 0.13	K_2O 0.11	MgO 0.01	CaO 0.23
B_2O_3 0.16	Al_2O_3 0.41	Li_2O	CuO	SrO 0.52	BaO
TiO_2 0.01	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.02
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO

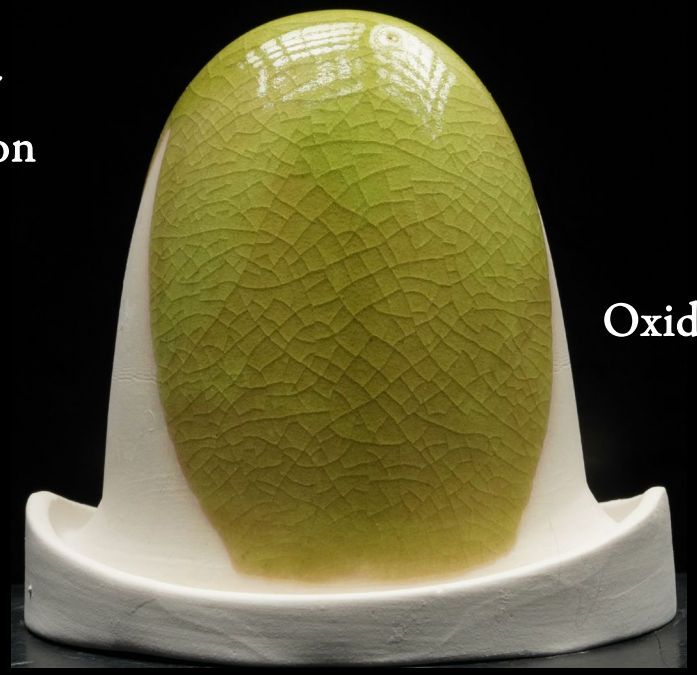


Glassy Eyed

Weight Substitution
Mahavir Feldspar

070422-9

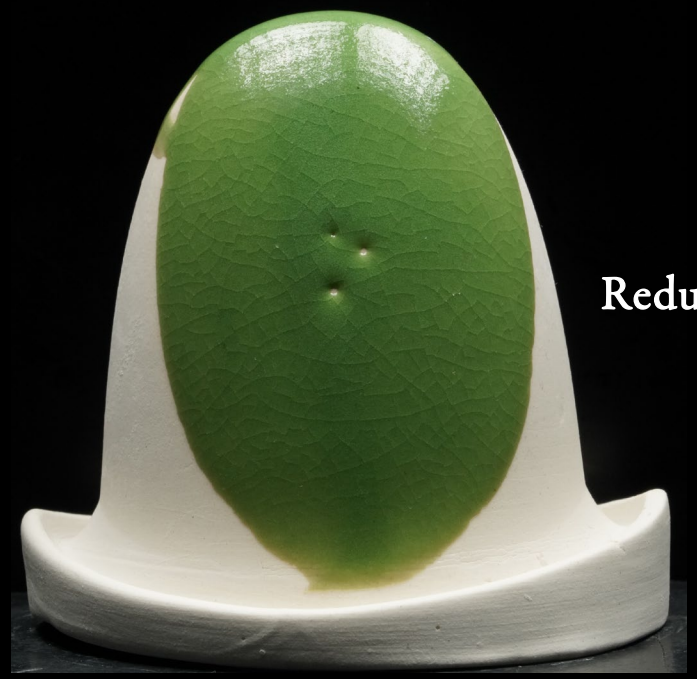
Mahavir	23.68
Strontium Carb	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60



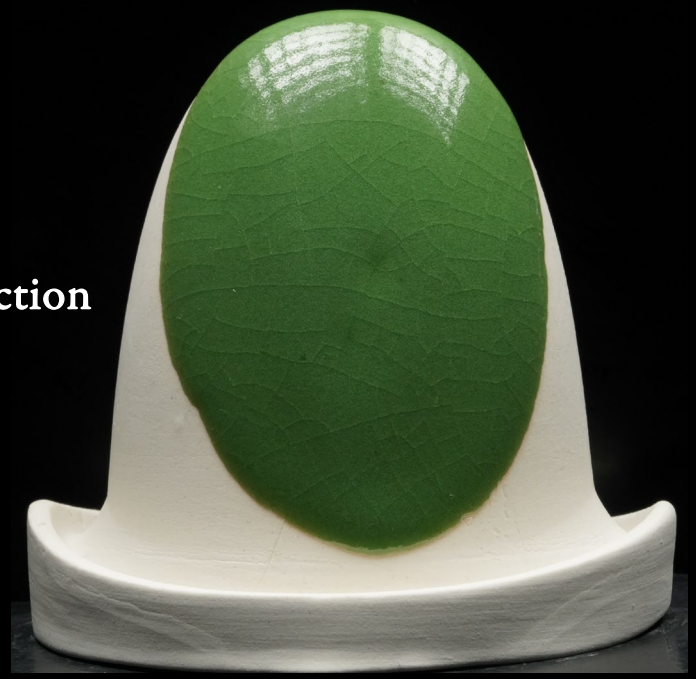
1-3 Second Dip

Oxidation

2-3 Second Dips



Reduction



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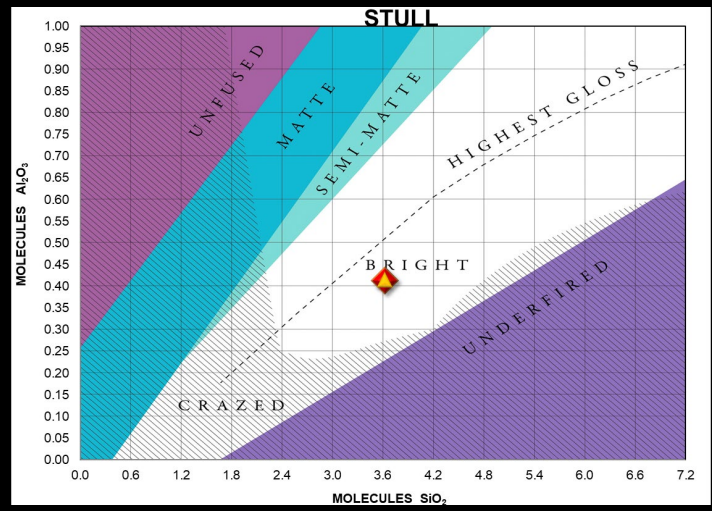
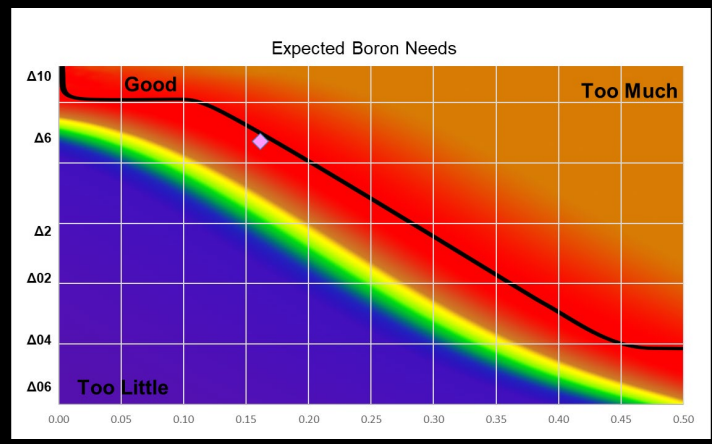
UMF

SiO_2:Al_2O_3 Ratio 8.72 :1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO_2 3.62	Collective "Al_2O_3" 0.42	Na_2O 0.14	K_2O 0.12	MgO 0.01	CaO 0.22
B_2O_3 0.16	Al_2O_3 0.41	Li_2O	CuO	SrO 0.51	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 8.72 :1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO_2 3.62	Collective "Al_2O_3" 0.42	Na_2O 0.14	K_2O 0.12	MgO 0.01	CaO 0.22
B_2O_3 0.16	Al_2O_3 0.41	Li_2O	CuO	SrO 0.51	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO

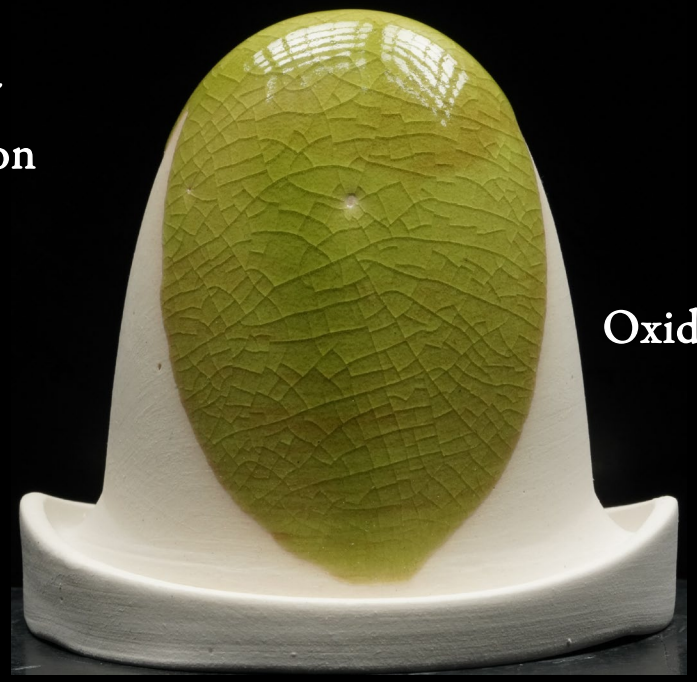


Glassy Eyed

Weight Substitution
Minspar Feldspar

070422-10

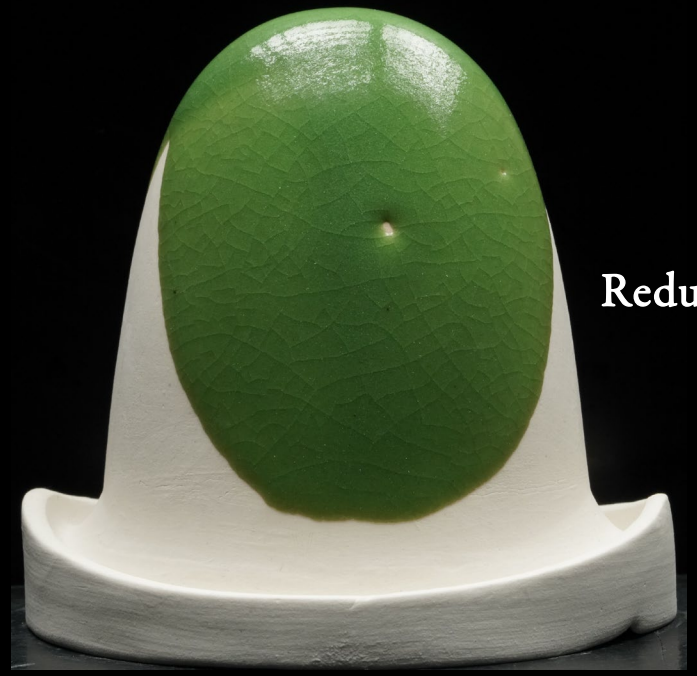
Minspar	23.68
Strontium Carb	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60



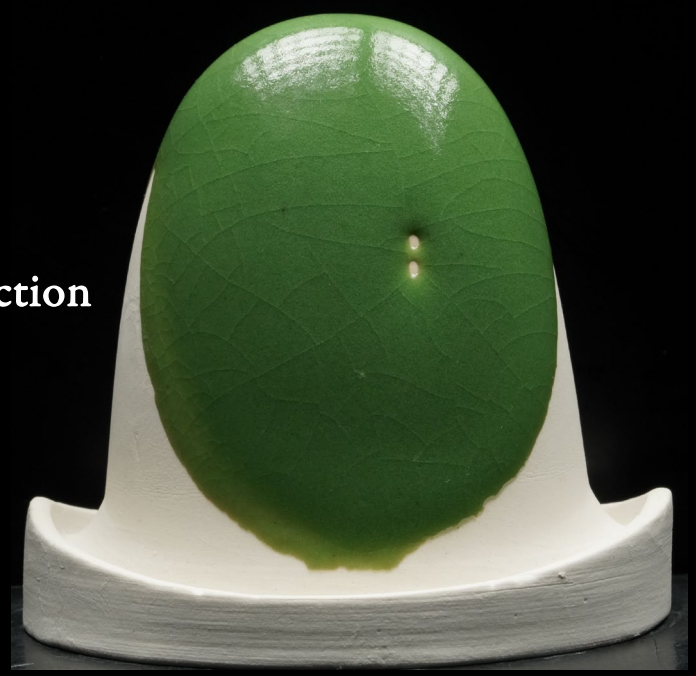
1-3 Second Dip

Oxidation

2-3 Second Dips



Reduction



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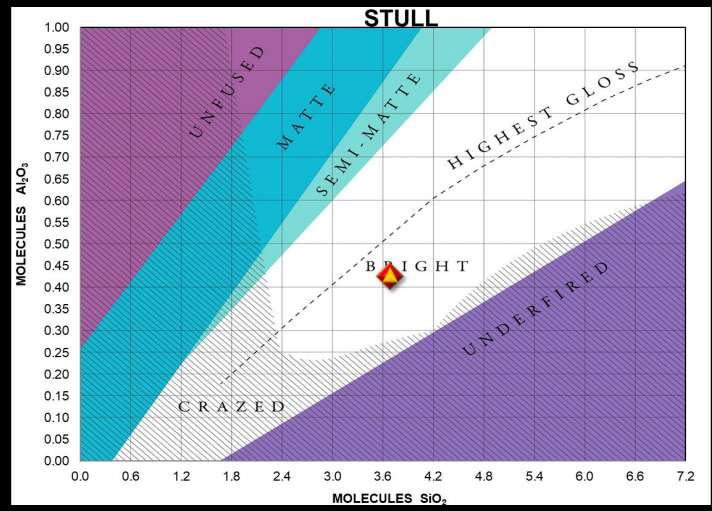
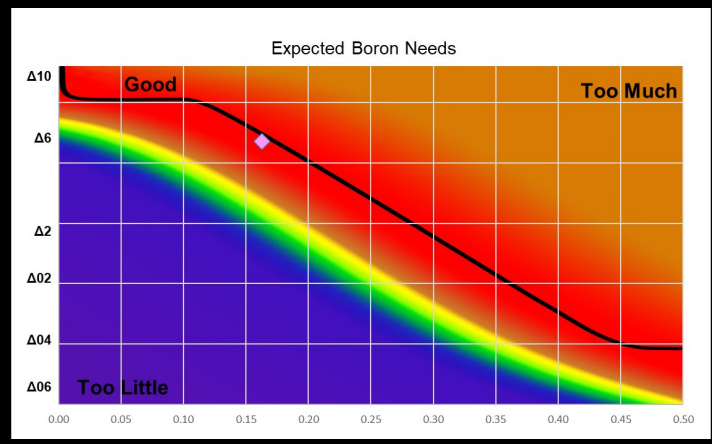
UMF

SiO_2:Al_2O_3 Ratio 8.58 :1		Alkali Metals 0.23		Alkaline Earths 0.77	
SiO_2 3.69	Collective "Al_2O_3" 0.43	Na_2O 0.19	K_2O 0.04	MgO 0.00	CaO 0.24
B_2O_3 0.16	Al_2O_3 0.43	Li_2O	CuO	SrO 0.51	BaO 0.00
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 8.58 :1		Alkali Metals 0.23		Alkaline Earths 0.77	
SiO_2 3.69	Collective "Al_2O_3" 0.43	Na_2O 0.19	K_2O 0.04	MgO 0.00	CaO 0.24
B_2O_3 0.16	Al_2O_3 0.43	Li_2O	CuO	SrO 0.51	BaO 0.00
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO

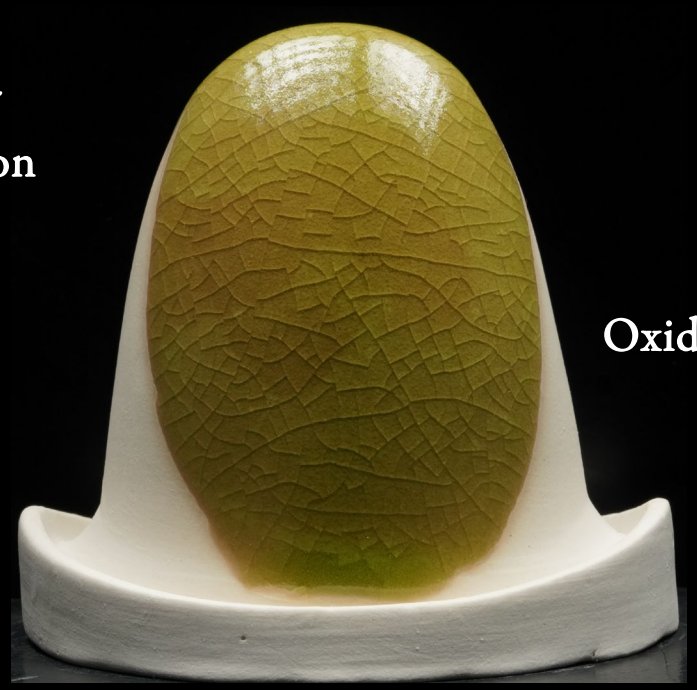


Glassy Eyed

Weight Substitution
Nepheline Syenite

070422-11

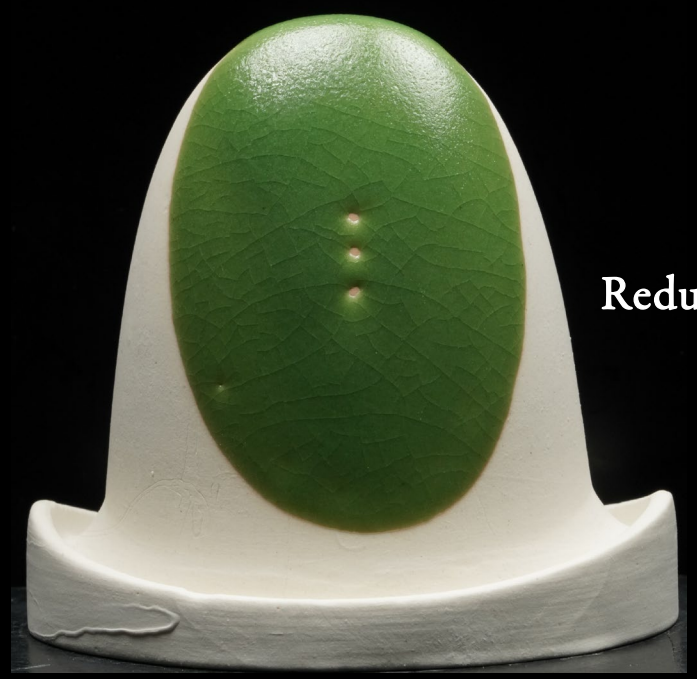
Neph Sy	23.68
Strontium Carb	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60



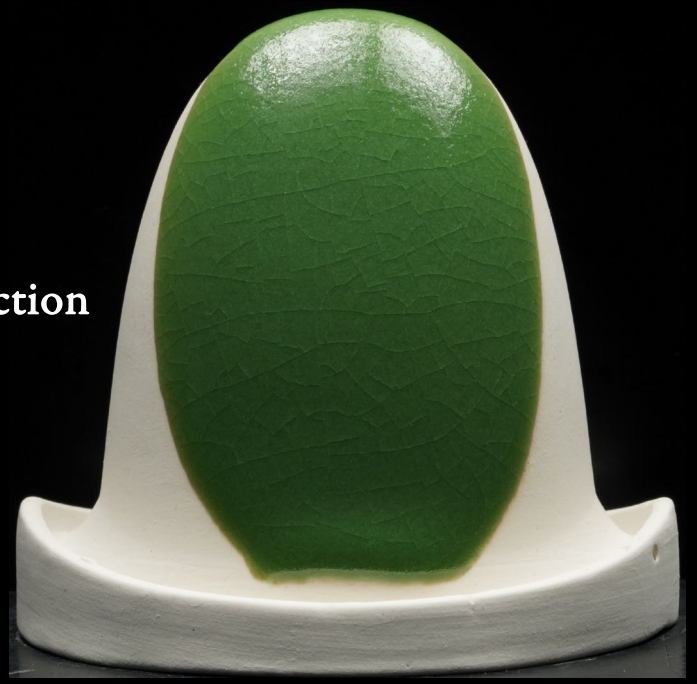
1-3 Second Dip

Oxidation

2-3 Second Dips



Reduction



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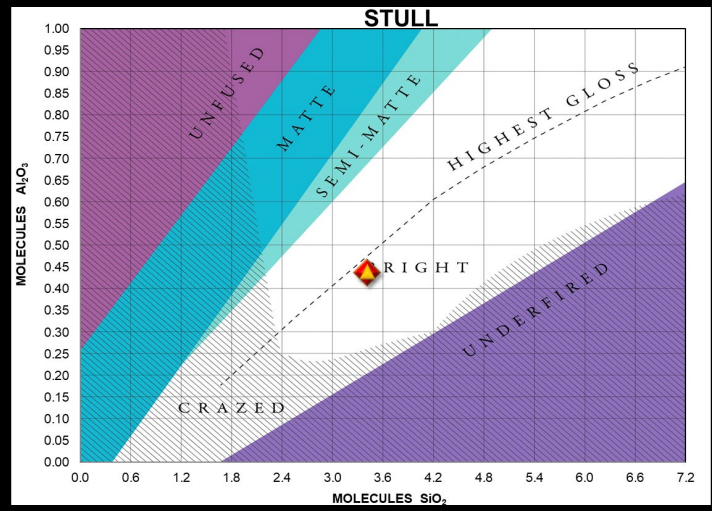
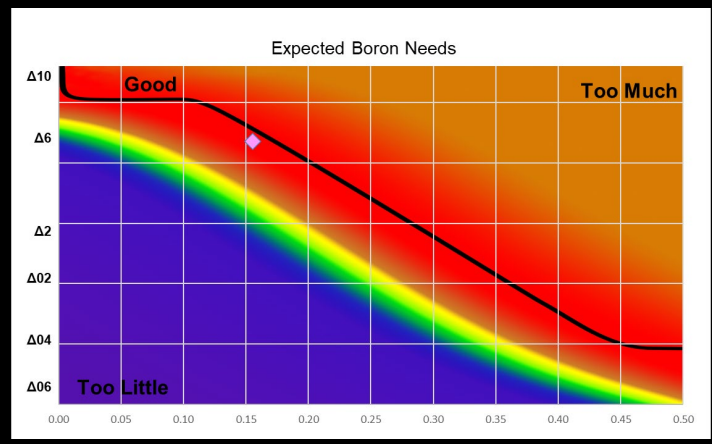
UMF

SiO_2:Al_2O_3 Ratio 7.75 :1		Alkali Metals 0.28		Alkaline Earths 0.72	
SiO_2 3.41	Collective "Al_2O_3" 0.44	Na_2O 0.24	K_2O 0.04	MgO 0.00	CaO 0.21
B_2O_3 0.16	Al_2O_3 0.44	Li_2O	CuO	SrO 0.49	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 7.75 :1		Alkali Metals 0.28		Alkaline Earths 0.72	
SiO_2 3.41	Collective "Al_2O_3" 0.44	Na_2O 0.24	K_2O 0.04	MgO 0.00	CaO 0.21
B_2O_3 0.16	Al_2O_3 0.44	Li_2O	CuO	SrO 0.49	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO



Glassy Eyed

Weight Substitution
Spodumene

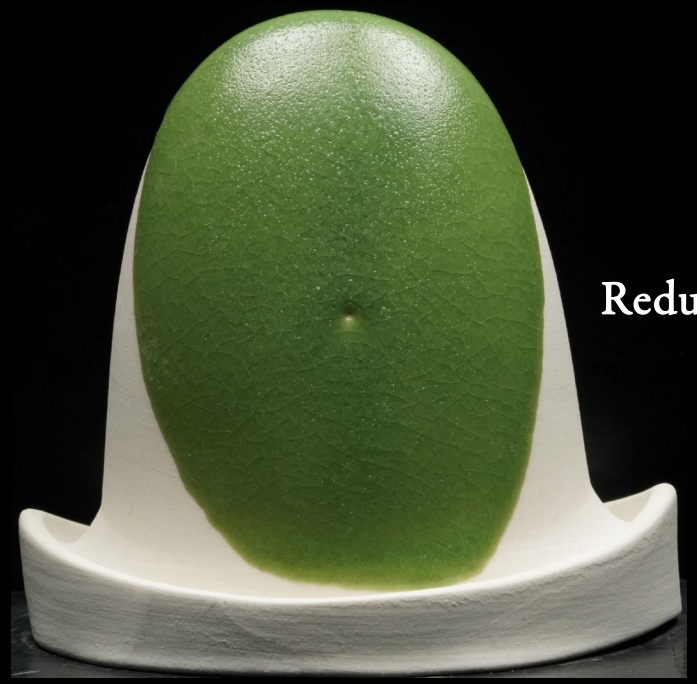
070422-12

Spodumene	23.68
Strontium Carb	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60

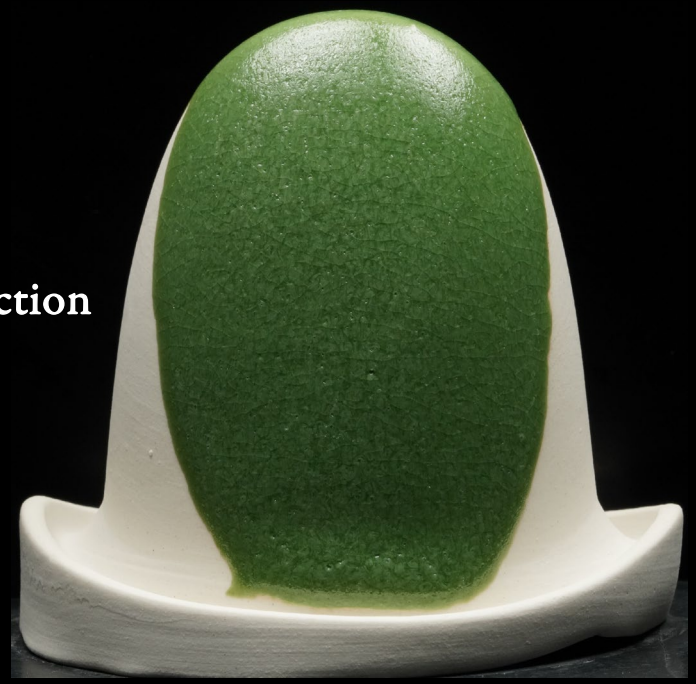
1-3 Second Dip

Oxidation

2-3 Second Dips



Reduction



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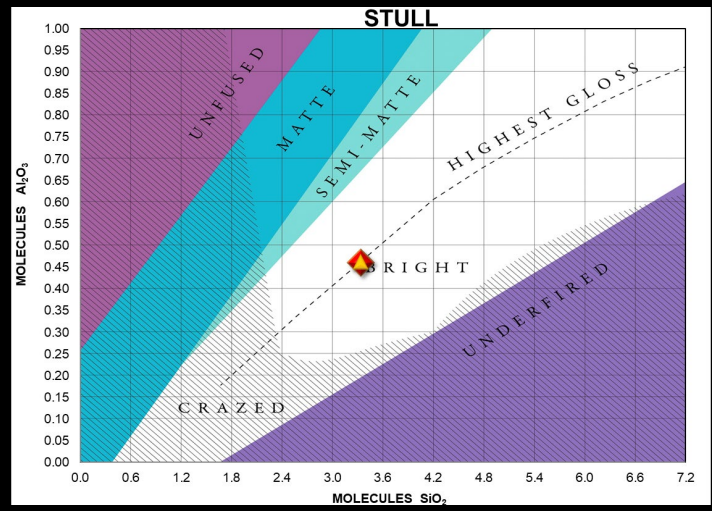
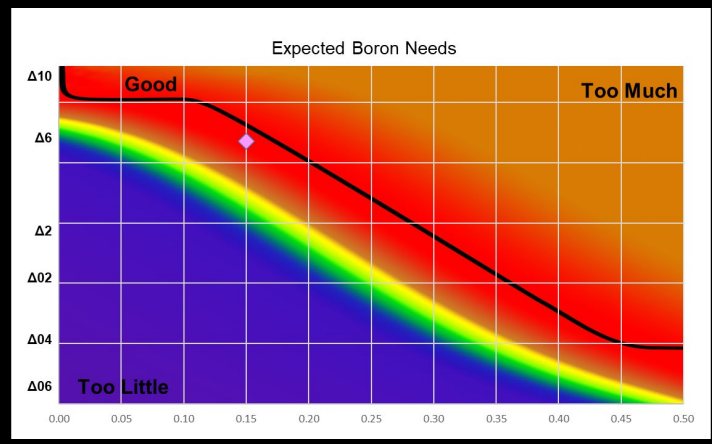
UMF

SiO_2:Al_2O_3 Ratio 7.20 :1		Alkali Metals 0.31		Alkaline Earths 0.69	
SiO_2 3.34	Collective "Al_2O_3" 0.46	Na_2O 0.09	K_2O 0.00	MgO 0.00	CaO 0.20
B_2O_3 0.15	Al_2O_3 0.46	Li_2O 0.22	CuO	SrO 0.47	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 7.20 :1		Alkali Metals 0.31		Alkaline Earths 0.69	
SiO_2 3.34	Collective "Al_2O_3" 0.46	Na_2O 0.09	K_2O 0.00	MgO 0.00	CaO 0.20
B_2O_3 0.15	Al_2O_3 0.46	Li_2O 0.22	CuO	SrO 0.47	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO

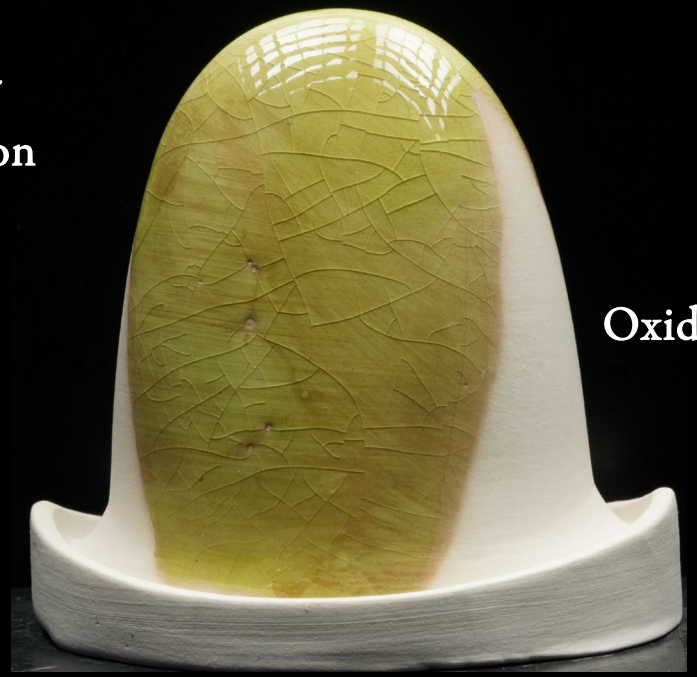


Glassy Eyed

Weight Substitution
Frit 3110

070422-14

3110	23.68
Strontium Carb	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60



1-3 Second Dip

Oxidation

2-3 Second Dips

Reduction

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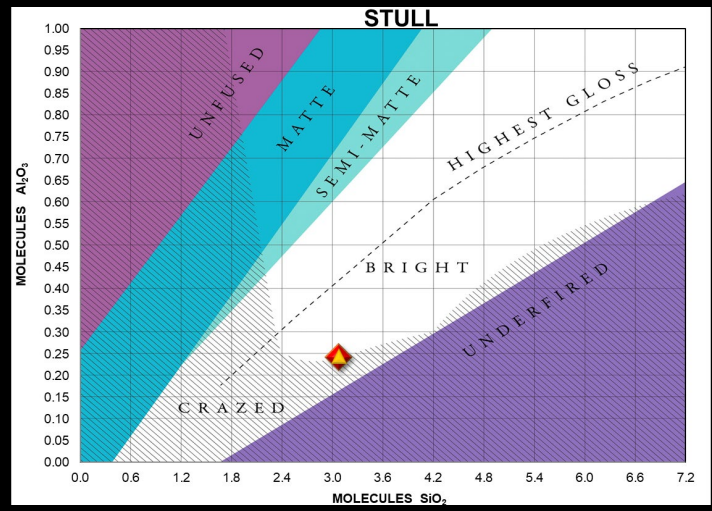
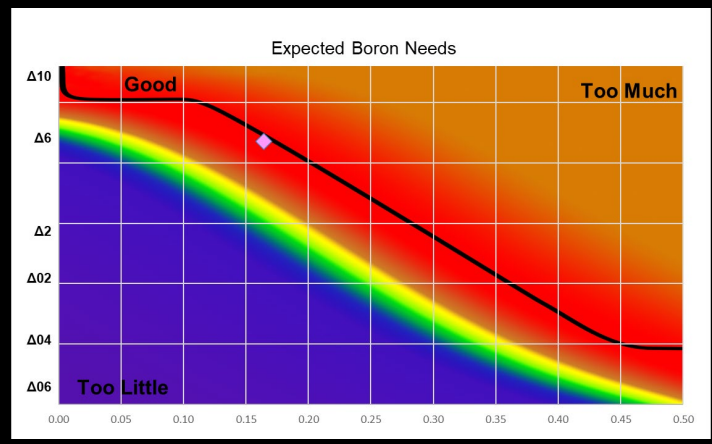
UMF

SiO_2:Al_2O_3 Ratio 12.50 :1		Alkali Metals 0.29		Alkaline Earths 0.71	
SiO_2 3.08	Collective "Al_2O_3" 0.25	Na_2O 0.27	K_2O 0.02	MgO 0.00	CaO 0.27
B_2O_3 0.16	Al_2O_3 0.24	Li_2O	CuO	SrO 0.43	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 12.50 :1		Alkali Metals 0.29		Alkaline Earths 0.71	
SiO_2 3.08	Collective "Al_2O_3" 0.25	Na_2O 0.27	K_2O 0.02	MgO 0.00	CaO 0.27
B_2O_3 0.16	Al_2O_3 0.24	Li_2O	CuO	SrO 0.43	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO

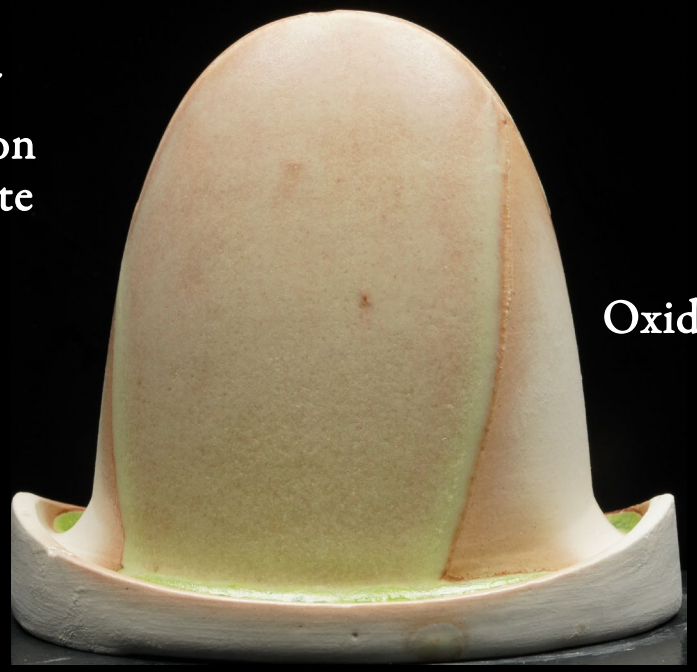


Glassy Eyed

Weight Substitution
Lithium Carbonate

070422-15

Lithium Carb	23.68
Strontium Carb	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60



1-3 Second Dip

Oxidation

2-3 Second Dips

Reduction

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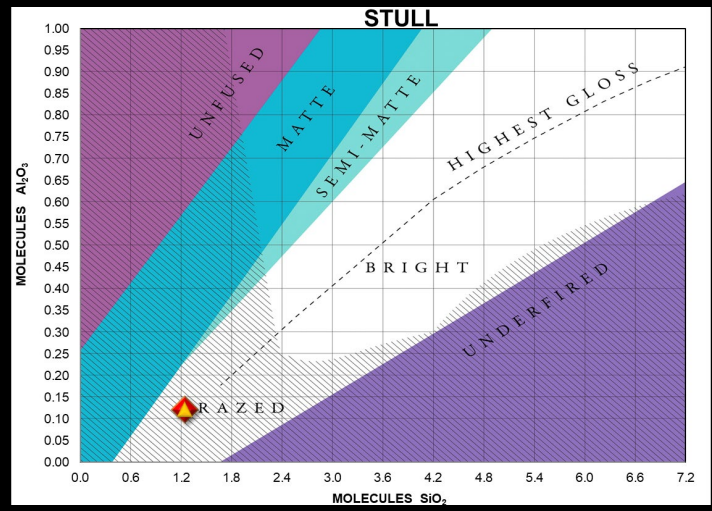
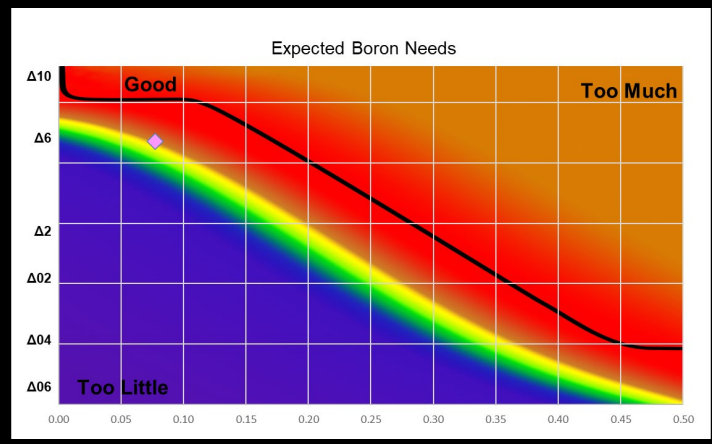
UMF

SiO_2:Al_2O_3 Ratio 10.08 :1		Alkali Metals 0.64		Alkaline Earths 0.36	
SiO_2 1.25	Collective "Al_2O_3" 0.12	Na_2O 0.04	K_2O 0.00	MgO 0.00	CaO 0.10
B_2O_3 0.08	Al_2O_3 0.12	Li_2O 0.60	CuO	SrO 0.24	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 10.08 :1		Alkali Metals 0.64		Alkaline Earths 0.36	
SiO_2 1.25	Collective "Al_2O_3" 0.12	Na_2O 0.04	K_2O 0.00	MgO 0.00	CaO 0.10
B_2O_3 0.08	Al_2O_3 0.12	Li_2O 0.60	CuO	SrO 0.24	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.00	ZrO_2	P_2O_5		MnO_2	CoO

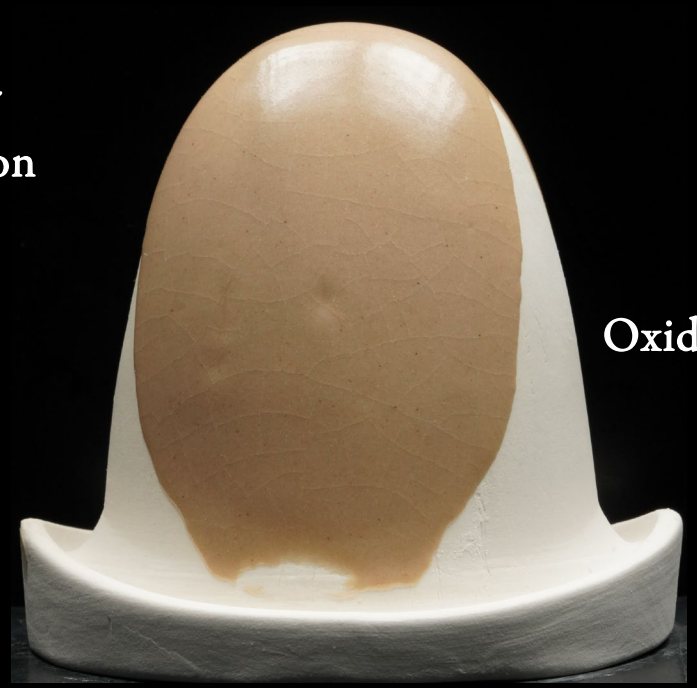


Glassy Eyed

Weight Substitution Talc

070422-16

G200 EU	23.68
Talc	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60



1-3 Second Dip

Oxidation

2-3 Second Dips

Reduction

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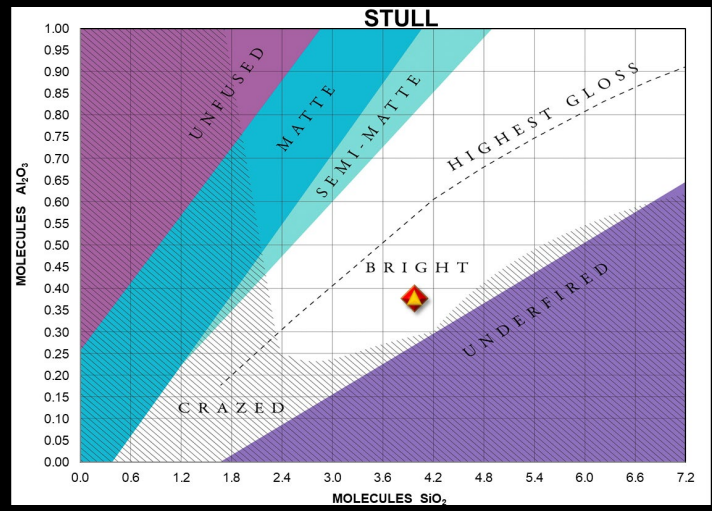
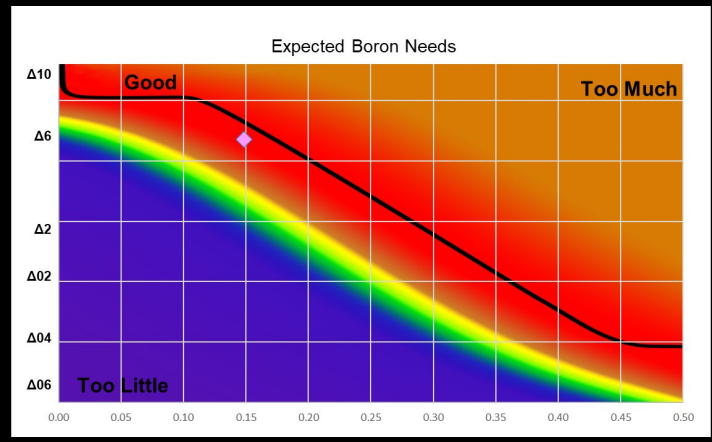
UMF

SiO_2:Al_2O_3 Ratio 10.43 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 3.98	Collective "Al_2O_3" 0.38	Na_2O 0.11	K_2O 0.10	MgO 0.51	CaO 0.25
B_2O_3 0.15	Al_2O_3 0.38	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.02
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 10.43 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 3.98	Collective "Al_2O_3" 0.38	Na_2O 0.11	K_2O 0.10	MgO 0.51	CaO 0.25
B_2O_3 0.15	Al_2O_3 0.38	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.02
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO

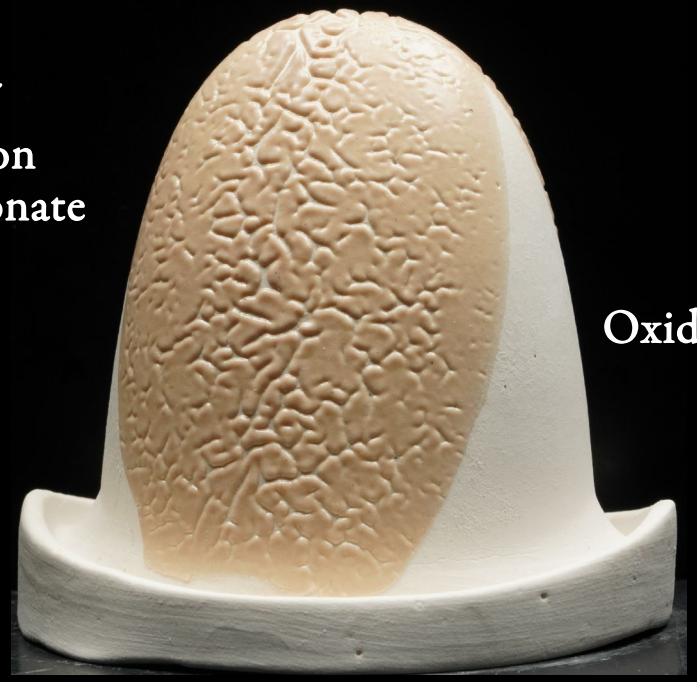


Glassy Eyed

Weight Substitution
Magnesium Carbonate

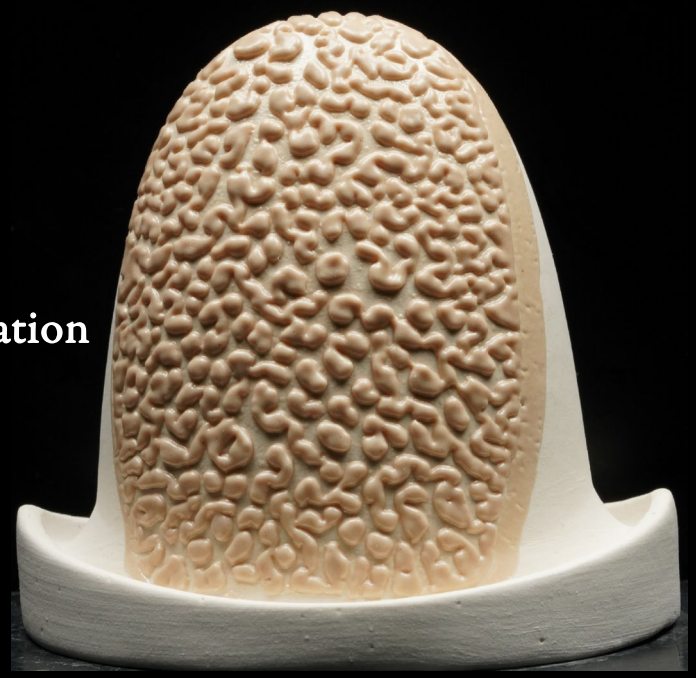
070422-17

G200 EU	23.68
Mag Carbonate	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	100



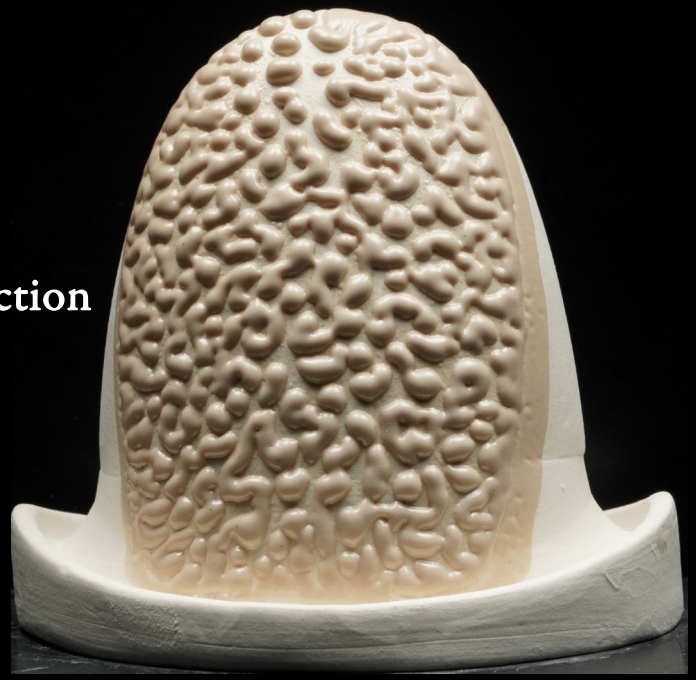
1-3 Second Dip

Oxidation



2-3 Second Dips

Reduction



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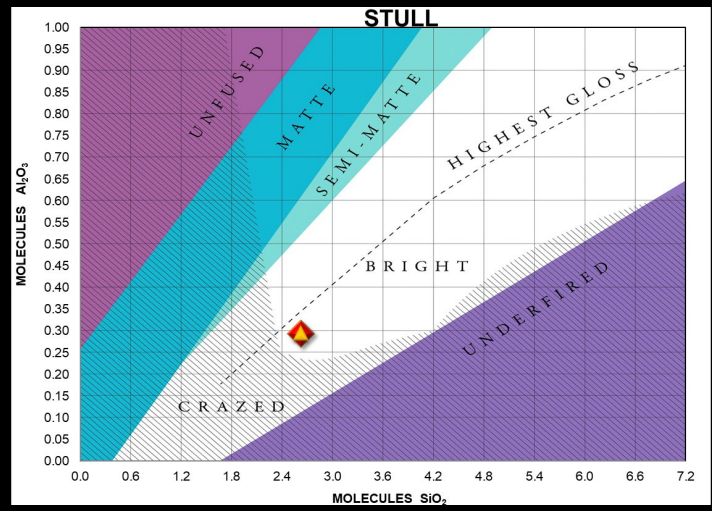
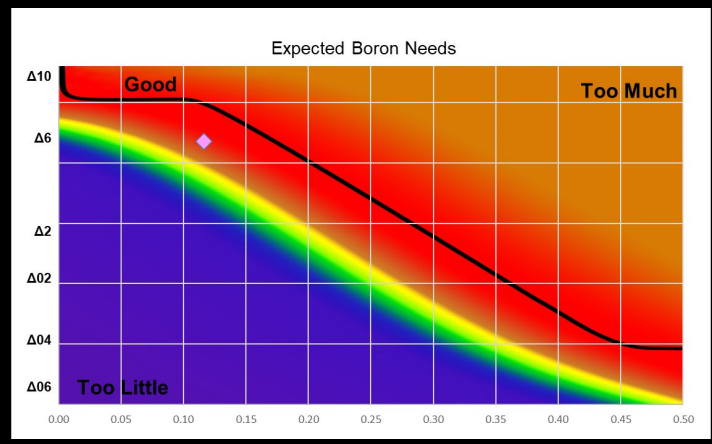
UMF

SiO_2:Al_2O_3 Ratio 8.85 :1		Alkali Metals 0.17		Alkaline Earths 0.83	
SiO_2 2.62	Collective "Al_2O_3" 0.30	Na_2O 0.09	K_2O 0.08	MgO 0.66	CaO 0.16
B_2O_3 0.12	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 8.85 :1		Alkali Metals 0.17		Alkaline Earths 0.83	
SiO_2 2.62	Collective "Al_2O_3" 0.30	Na_2O 0.09	K_2O 0.08	MgO 0.66	CaO 0.16
B_2O_3 0.12	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO



Glassy Eyed

Weight Substitution Dolomite

070422-18

G200 EU	23.68
Dolomite	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60

Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

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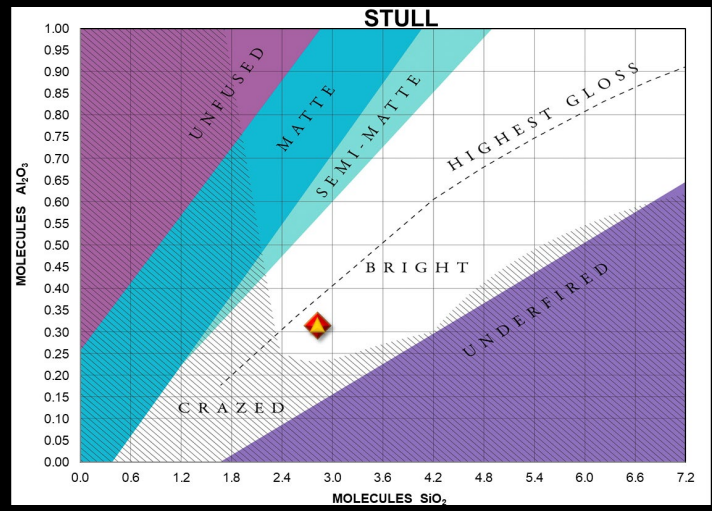
Ceramic Materials Workshop

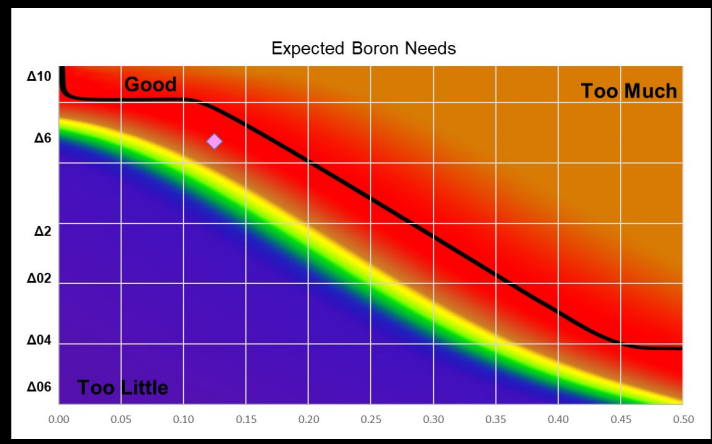
UMF

SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.18		Alkaline Earths 0.82	
SiO_2 2.82	Collective "Al_2O_3" 0.32	Na_2O 0.10	K_2O 0.09	MgO 0.32	CaO 0.49
B_2O_3 0.12	Al_2O_3 0.32	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.18		Alkaline Earths 0.82	
SiO_2 2.82	Collective "Al_2O_3" 0.32	Na_2O 0.10	K_2O 0.09	MgO 0.32	CaO 0.49
B_2O_3 0.12	Al_2O_3 0.32	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO

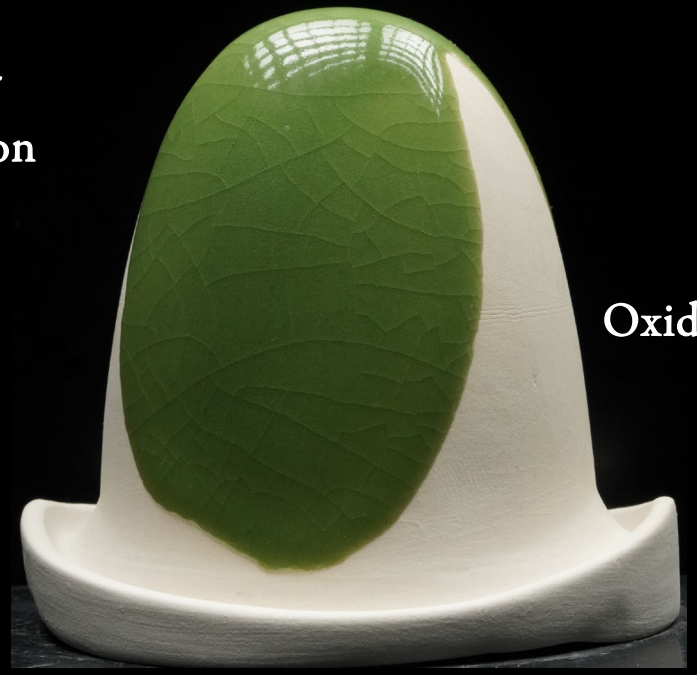


Glassy Eyed

Weight Substitution Wollastonite

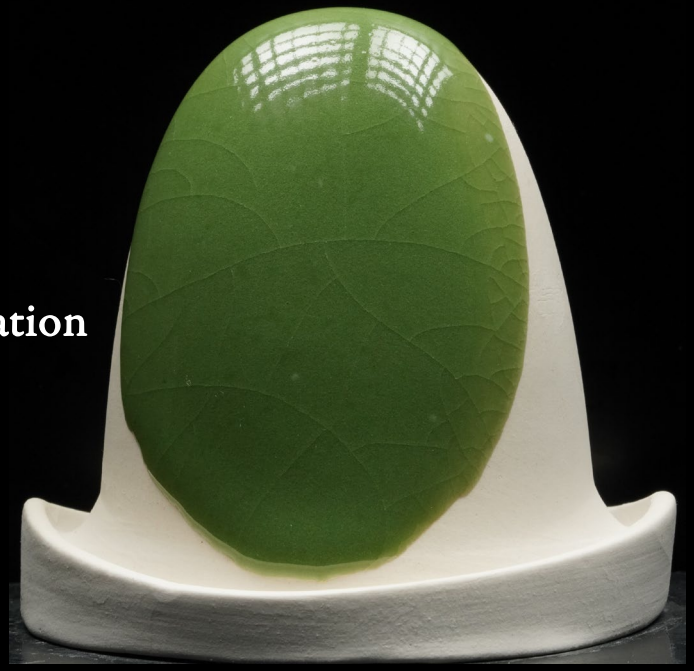
070422-19

G200 EU	23.68
Wollastonite	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60

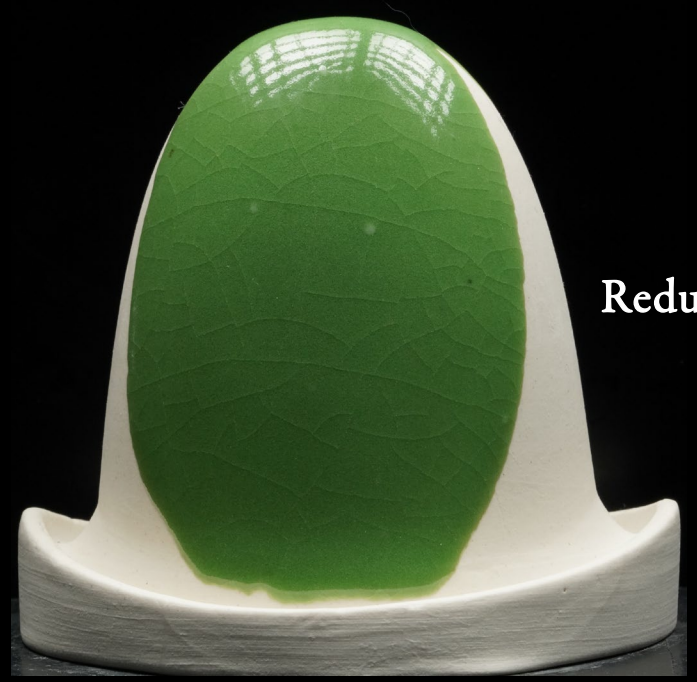


1-3 Second Dip

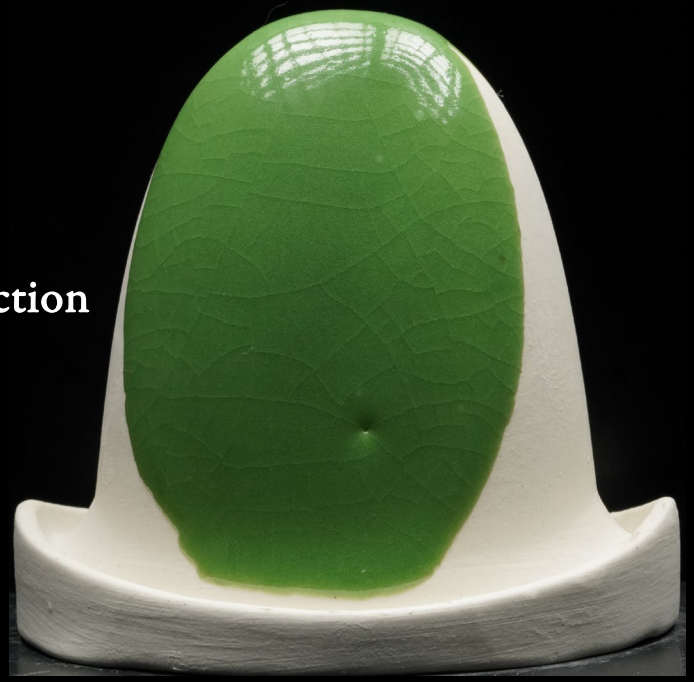
Oxidation



2-3 Second Dips



Reduction



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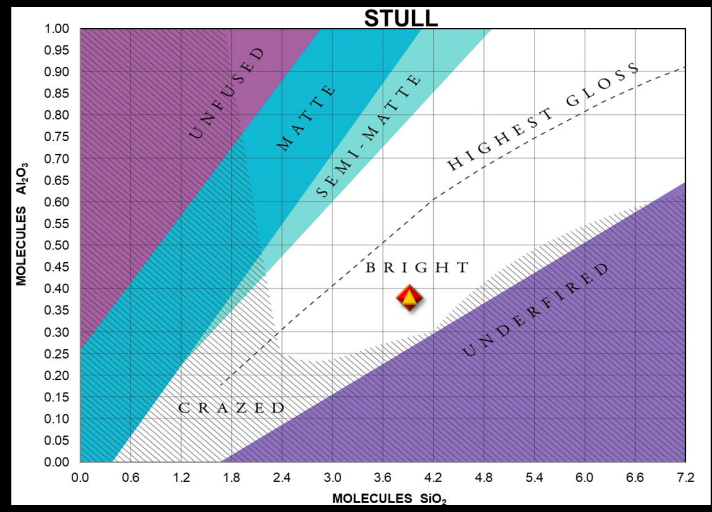
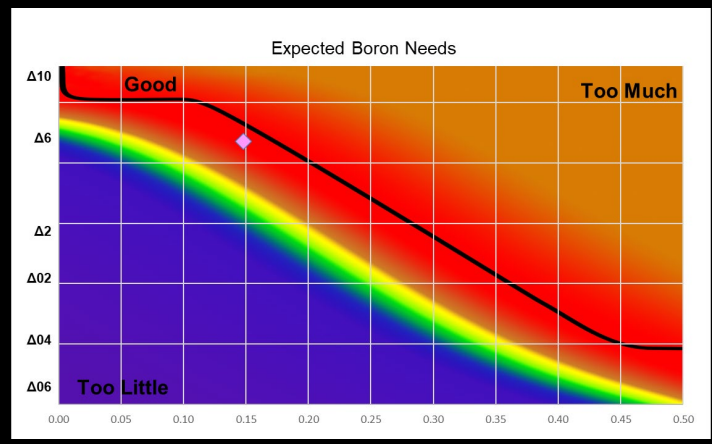
UMF

SiO_2:Al_2O_3 Ratio 10.25 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 3.92	Collective "Al_2O_3" 0.38	Na_2O 0.11	K_2O 0.10	MgO 0.02	CaO 0.74
B_2O_3 0.15	Al_2O_3 0.38	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.02
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

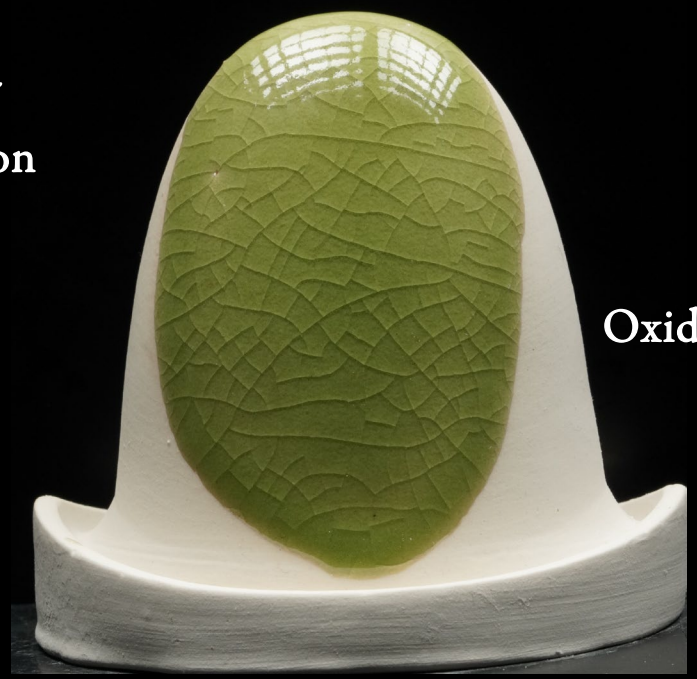
SiO_2:Al_2O_3 Ratio 10.25 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 3.92	Collective "Al_2O_3" 0.38	Na_2O 0.11	K_2O 0.10	MgO 0.02	CaO 0.74
B_2O_3 0.15	Al_2O_3 0.38	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.02
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO



Glassy Eyed

Weight Substitution
Whiting
070422-20

G200 EU	23.68
Whiting	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	60

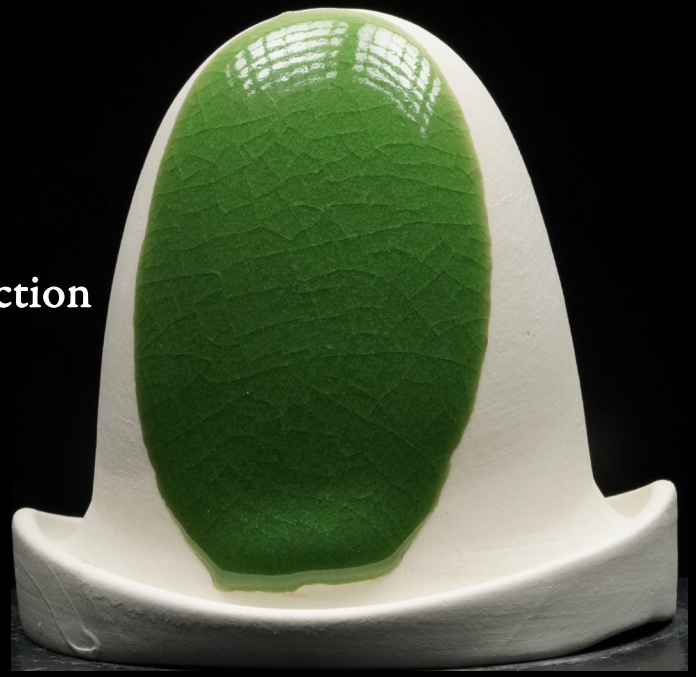


1-3 Second Dip

Oxidation

2-3 Second Dips

Reduction



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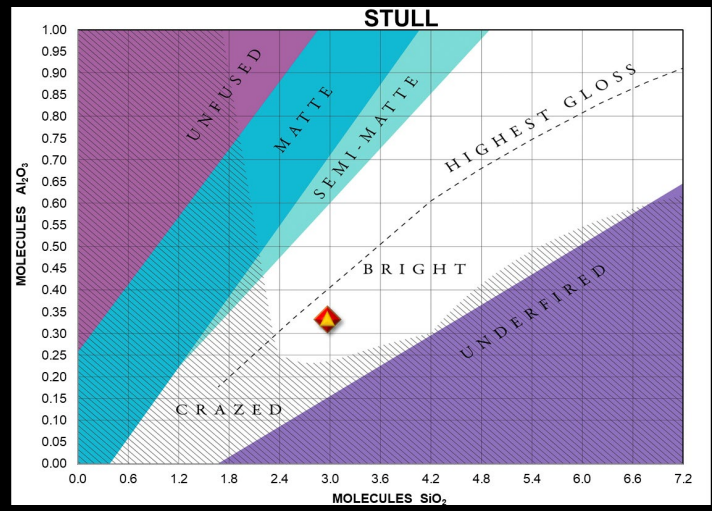
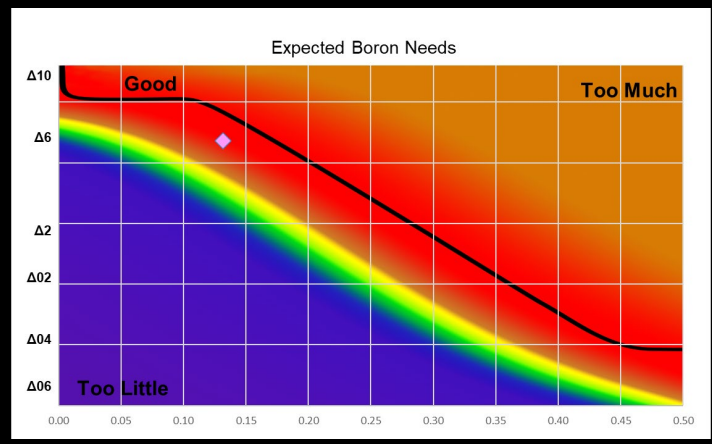
UMF

SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.19		Alkaline Earths 0.81	
SiO_2 2.97	Collective "Al_2O_3" 0.33	Na_2O 0.10	K_2O 0.09	MgO 0.00	CaO 0.79
B_2O_3 0.13	Al_2O_3 0.33	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.19		Alkaline Earths 0.81	
SiO_2 2.97	Collective "Al_2O_3" 0.33	Na_2O 0.10	K_2O 0.09	MgO 0.00	CaO 0.79
B_2O_3 0.13	Al_2O_3 0.33	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO

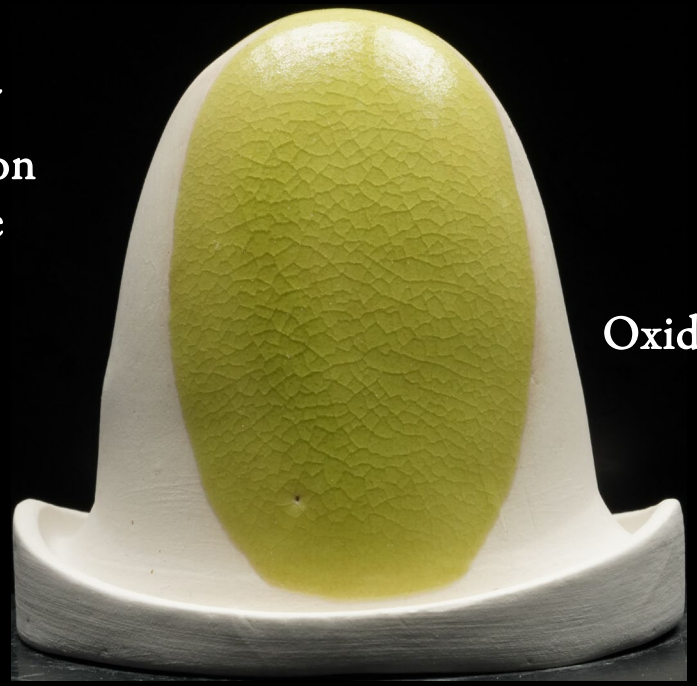


Glassy Eyed

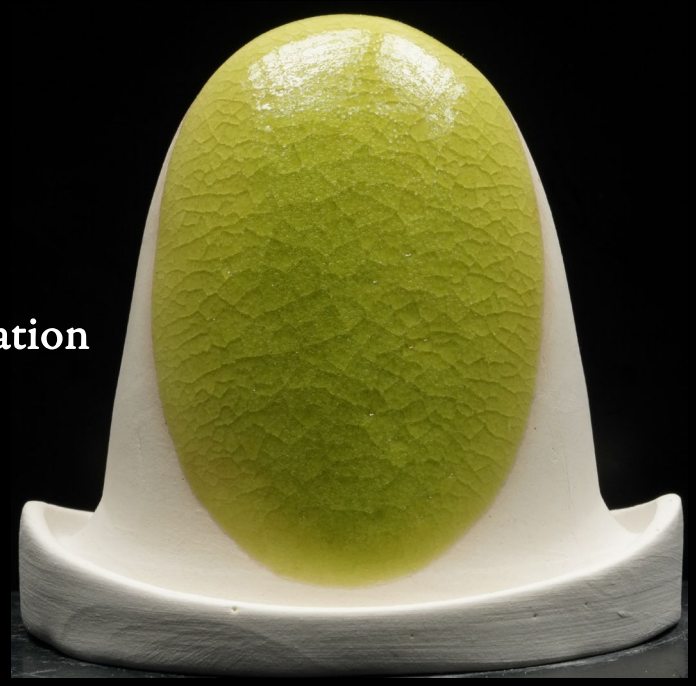
Weight Substitution
Barium Carbonate
070422-21

G200 EU	23.68
Barium Carb	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	75

Oxidation

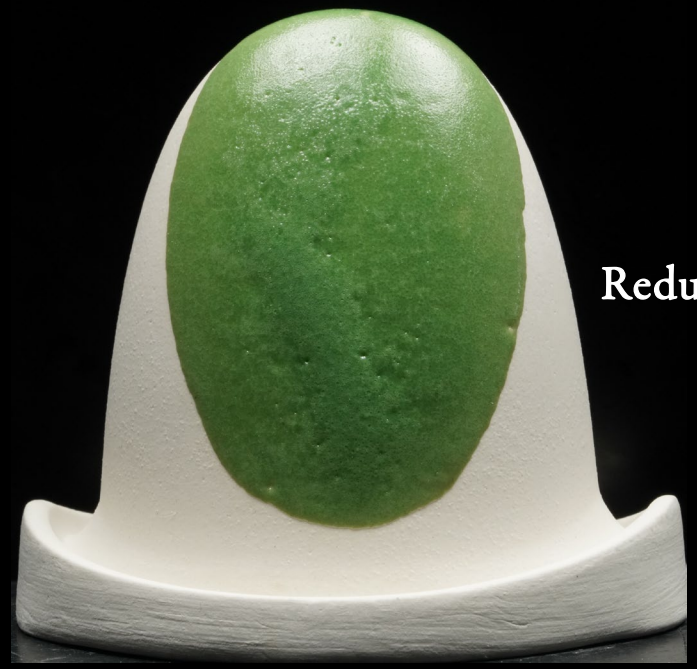


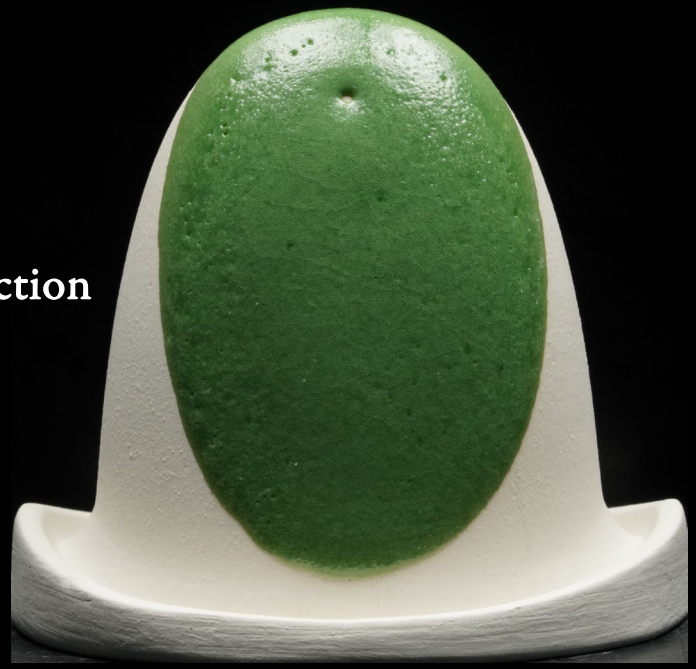
1-3 Second Dip



2-3 Second Dips

Reduction





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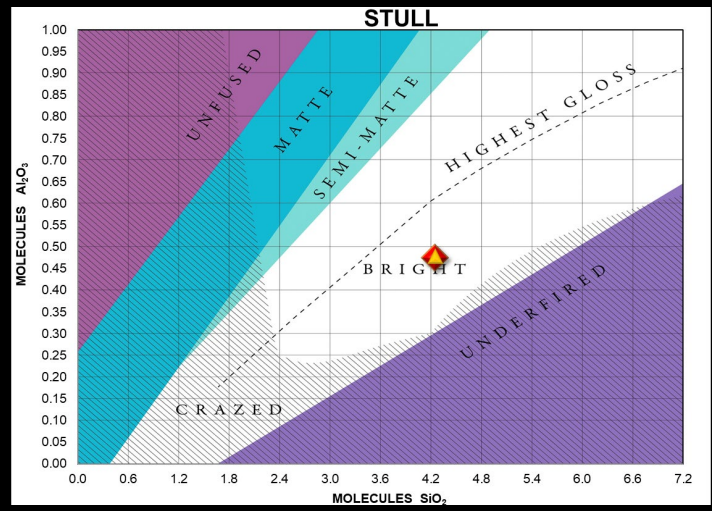
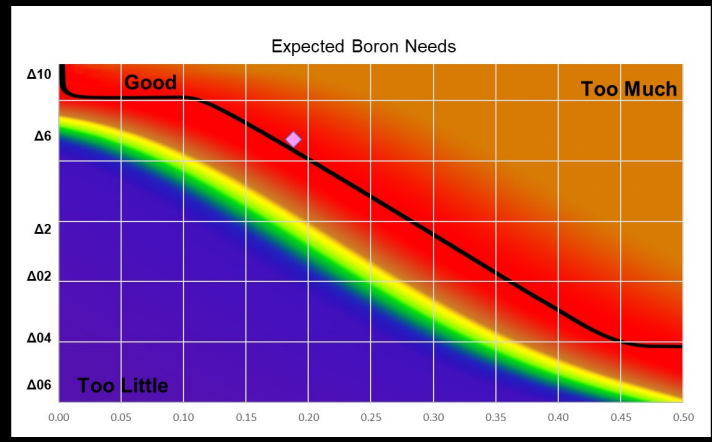
UMF

SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.27		Alkaline Earths 0.73	
SiO_2 4.25	Collective "Al_2O_3" 0.48	Na_2O 0.14	K_2O 0.13	MgO 0.01	CaO 0.26
B_2O_3 0.19	Al_2O_3 0.47	Li_2O	CuO	SrO	BaO 0.44
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.02
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

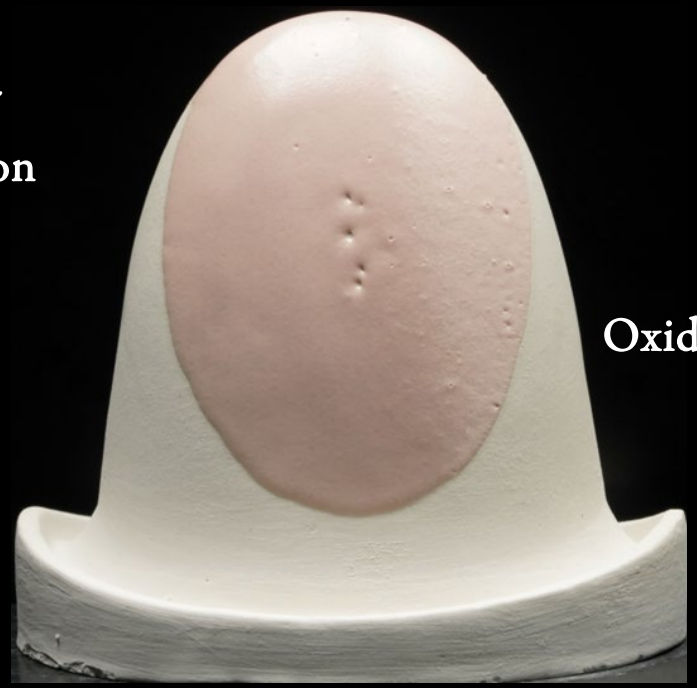
SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.27		Alkaline Earths 0.73	
SiO_2 4.25	Collective "Al_2O_3" 0.48	Na_2O 0.14	K_2O 0.13	MgO 0.01	CaO 0.26
B_2O_3 0.19	Al_2O_3 0.47	Li_2O	CuO	SrO	BaO 0.44
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.02
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO



Glassy Eyed

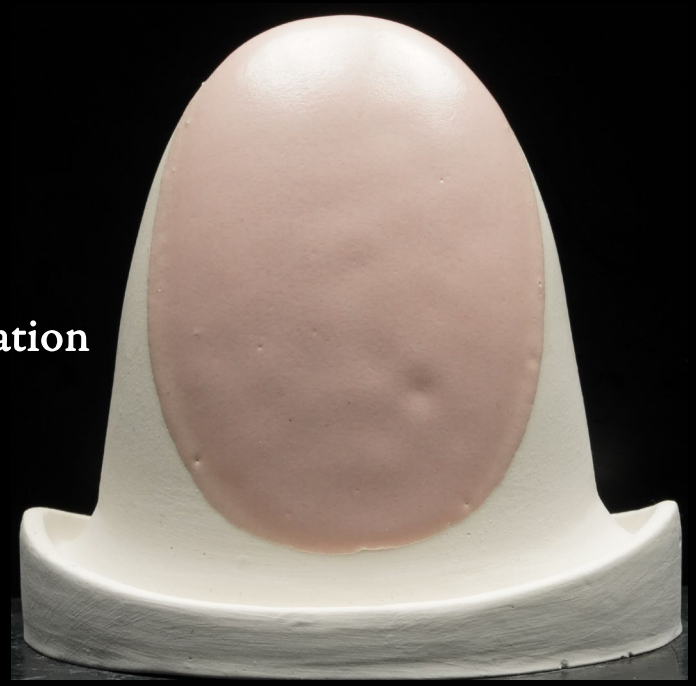
Weight Substitution
Zinc Oxide
070422-22

G200 EU	23.68
Zinc Oxide	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	85



1-3 Second Dip

Oxidation



2-3 Second Dips

Reduction

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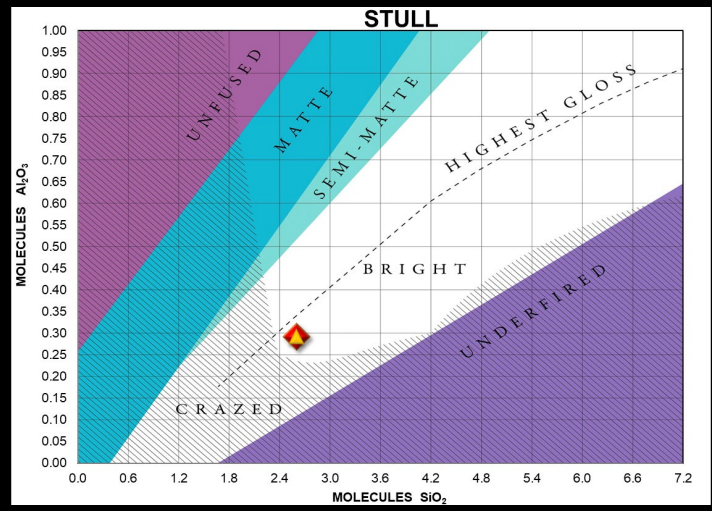
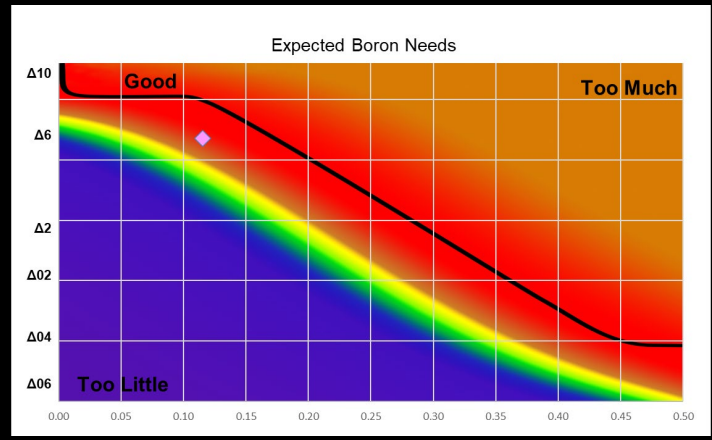
UMF

SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.17		Alkaline Earths 0.83	
SiO_2 2.61	Collective "Al_2O_3" 0.29	Na_2O 0.09	K_2O 0.08	MgO 0.00	CaO 0.16
B_2O_3 0.12	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO 0.66	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 8.87 :1		Alkali Metals 0.17		Alkaline Earths 0.83	
SiO_2 2.61	Collective "Al_2O_3" 0.29	Na_2O 0.09	K_2O 0.08	MgO 0.00	CaO 0.16
B_2O_3 0.12	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO 0.66	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5		MnO_2	CoO

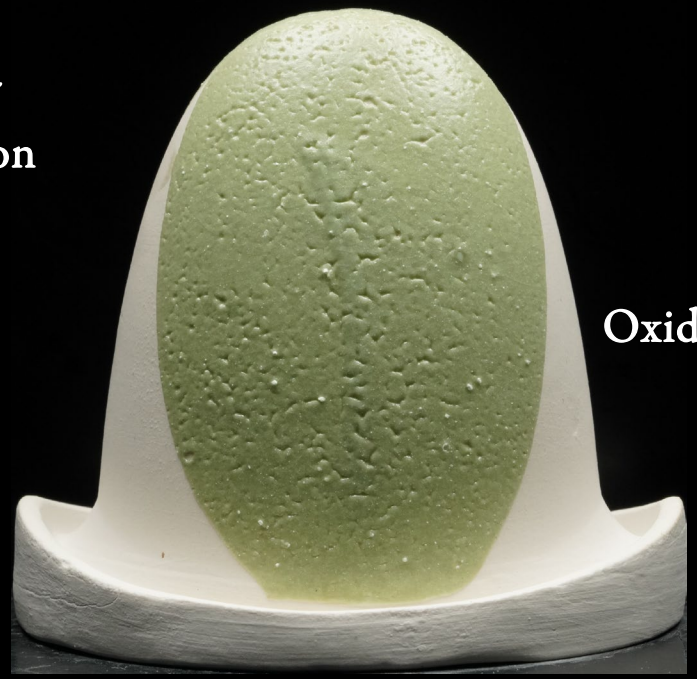


Glassy Eyed

Weight Substitution
Bone Ash

070422-23

G200 EU	23.68
Bone Ash	19.25
EPK	18.38
Flint	24.51
3134	14.18
Chrome Oxide	0.30
Water	75



1-3 Second Dip

Oxidation

2-3 Second Dips

Reduction

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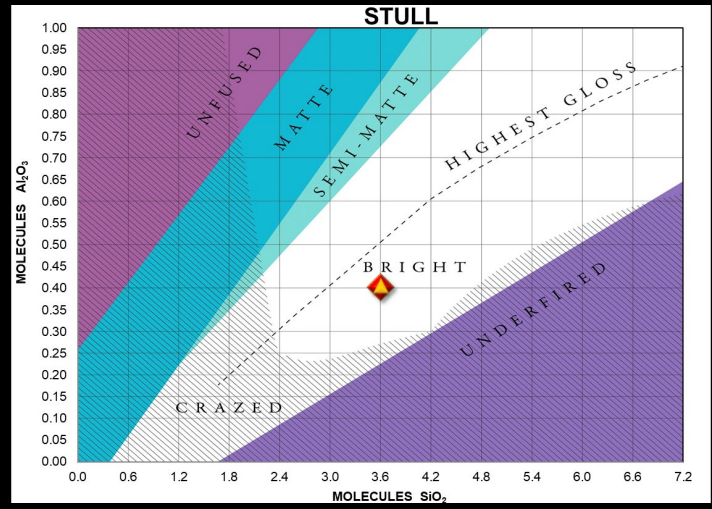
UMF

SiO_2:Al_2O_3 Ratio 8.88 :1		Alkali Metals 0.23		Alkaline Earths 0.77	
SiO_2 3.60	Collective "Al_2O_3" 0.41	Na_2O 0.12	K_2O 0.11	MgO 0.01	CaO 0.75
B_2O_3 0.16	Al_2O_3 0.40	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3	ZrO_2	P_2O_5 0.29		MnO_2	CoO



EUMF

SiO_2:Al_2O_3 Ratio 8.88 :1		Alkali Metals 0.23		Alkaline Earths 0.77	
SiO_2 3.60	Collective "Al_2O_3" 0.41	Na_2O 0.12	K_2O 0.11	MgO 0.01	CaO 0.75
B_2O_3 0.16	Al_2O_3 0.40	Li_2O	CuO	SrO	BaO
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.01
Cr_2O_3 0.01	ZrO_2	P_2O_5 0.29		MnO_2	CoO