Peacock-Δ10

Lab 5b-Color Wheel 2

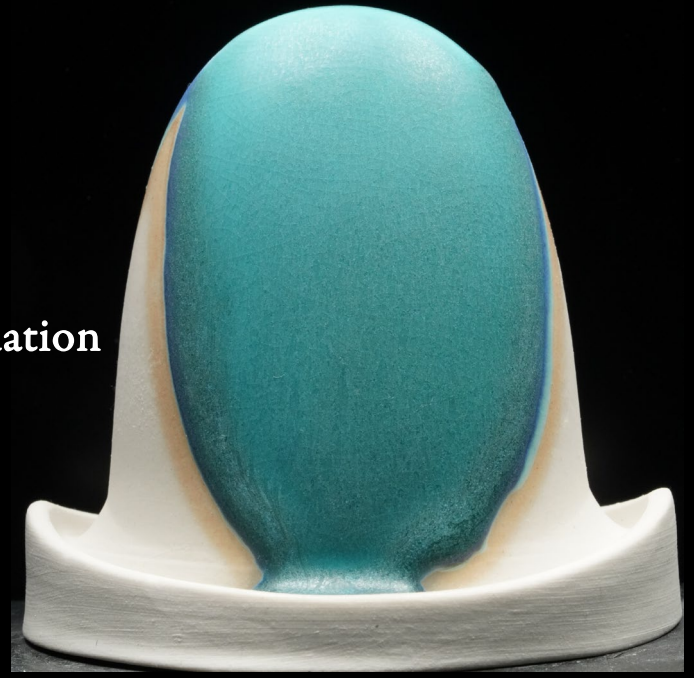
Peacock

Original
062922-1

Neph Sy	36.62
Barium Carb	46.57
EPK	6.63
Flint	10.19
Copper Carbonate	3.09
Water	60

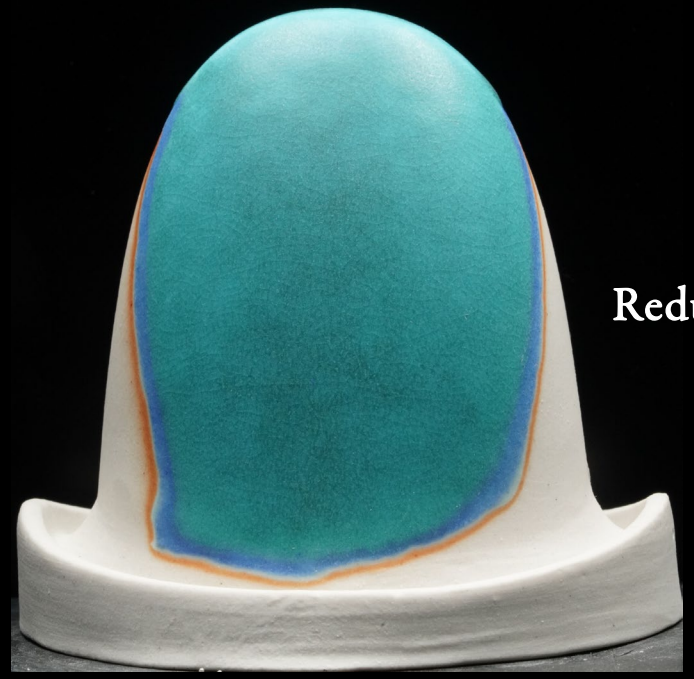
Oxidation

1-3 Second Dip



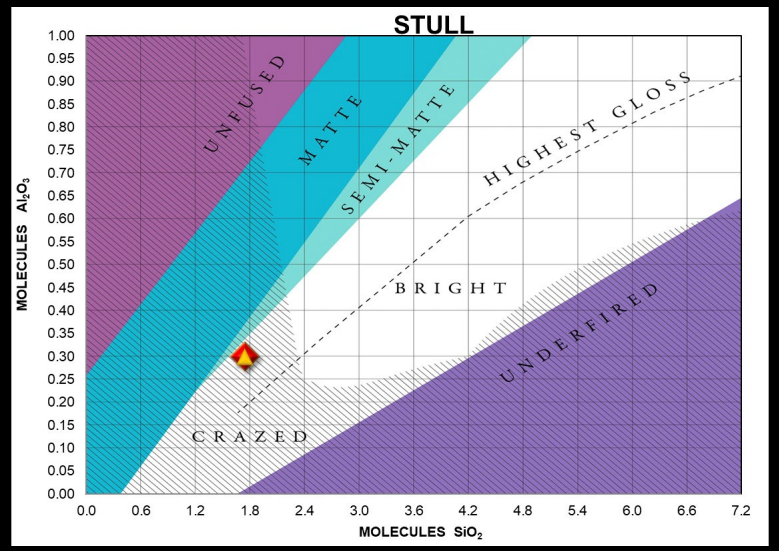
2-3 Second Dips

Reduction



UMF

$SiO_2:Al_2O_3$ Ratio 5.80 :1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO_2 1.88	Collective "Al_2O_3" 0.32	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.32	Li_2O	CuO	SrO	BaO 0.74
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



EUMF

$SiO_2:Al_2O_3$ Ratio 5.80 :1		Alkali Metals 0.30		Alkaline Earths 0.70	
SiO_2 1.74	Collective "Al_2O_3" 0.30	Na_2O 0.18	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.30	Li_2O	CuO 0.07	SrO	BaO 0.69
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO

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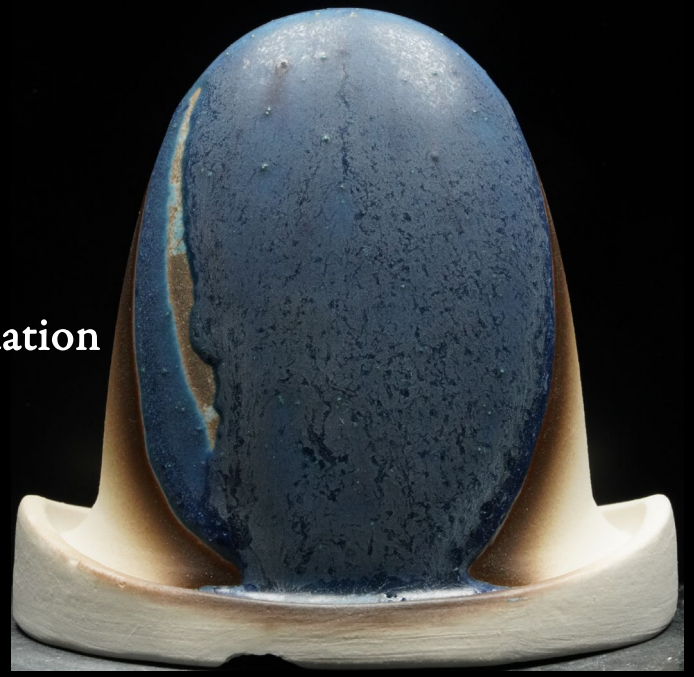
Peacock

Neph Sy	35.90
Barium Carb	45.65
EPK	6.50
Flint	9.99
Cobalt Carbonate	0.98
Chrome Oxide	0.98
Water	60

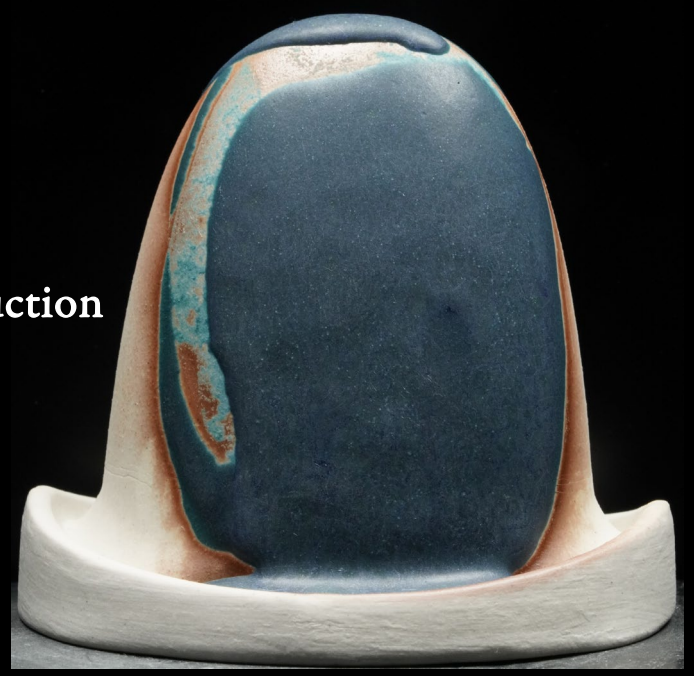
Oxidation

1-3 Second Dip

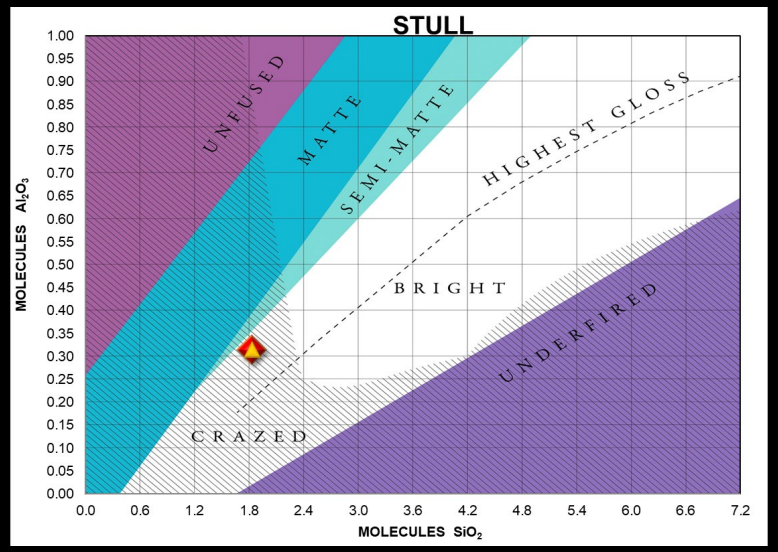


2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.24		Alkaline Earths 0.76	
SiO_2 1.83	Collective "Al_2O_3" 0.32	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.31	Li_2O	CuO	SrO	BaO 0.72
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3 0.02	ZrO_2	P_2O_5		MnO_2	CoO 0.03



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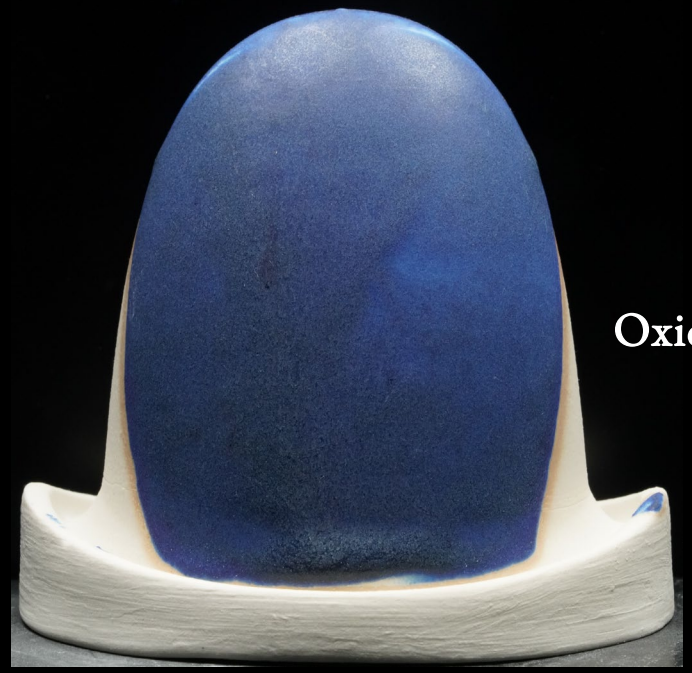
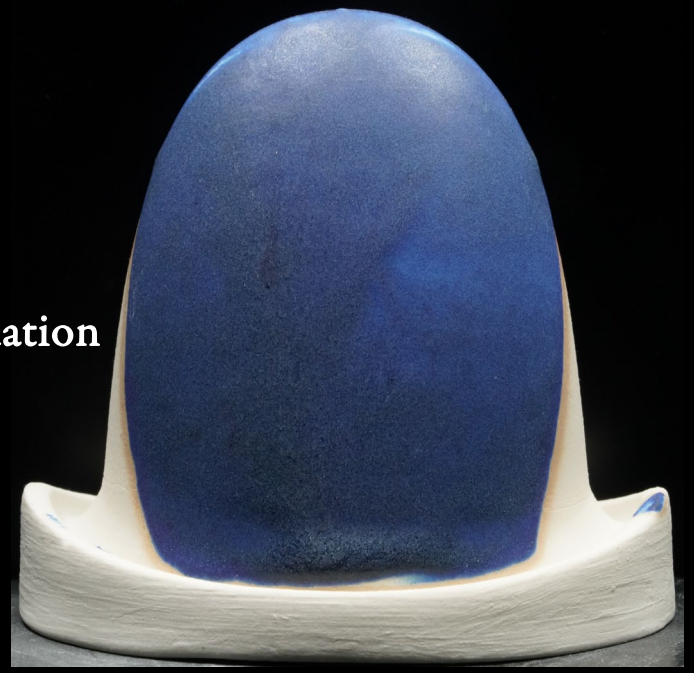
Peacock

Neph Sy	35.21
Barium Carb	44.77
EPK	6.37
Flint	9.80
Cobalt Carbonate	0.96
Copper Carbonate	2.88
Water	60

Oxidation



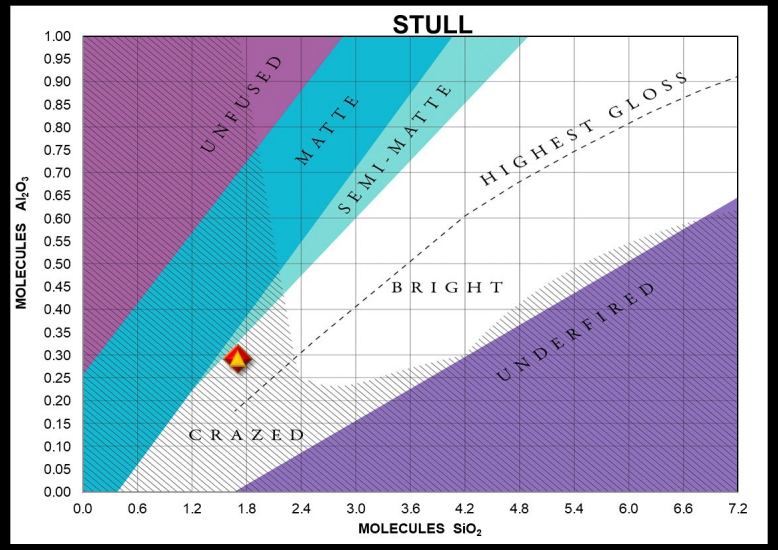
1-3 Second Dip



2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.29		Alkaline Earths 0.71	
SiO_2 1.71	Collective "Al_2O_3" 0.29	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO 0.07	SrO	BaO 0.67
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO 0.02



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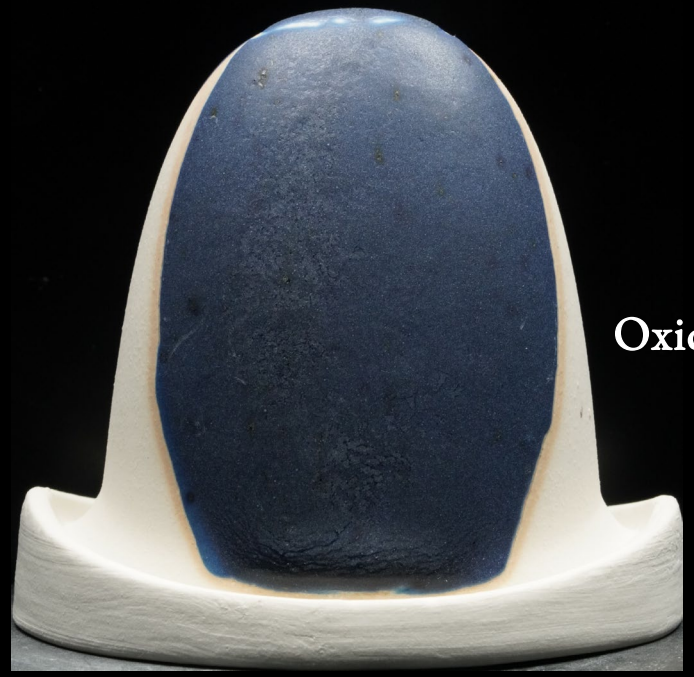
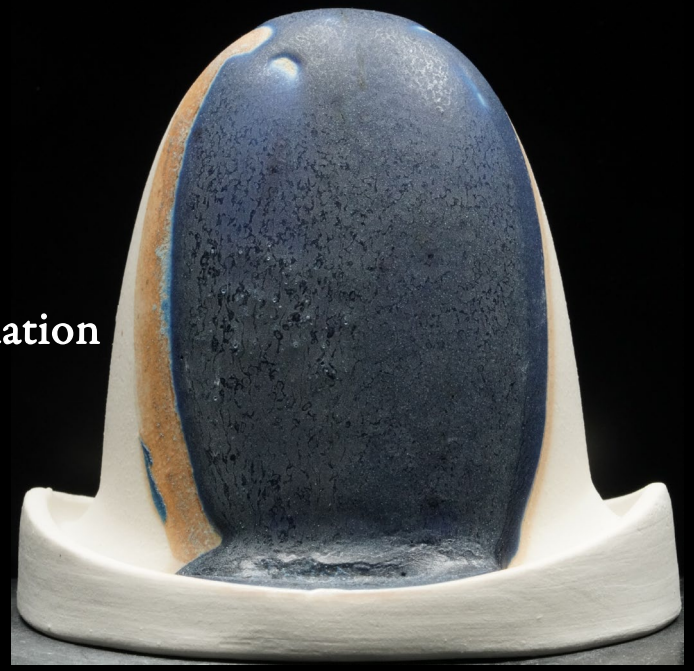
Peacock

Neph Sy	34.22
Barium Carb	43.52
EPK	6.20
Flint	9.52
Cobalt Carbonate	0.93
Red Iron Oxide	5.61
Water	60

Oxidation

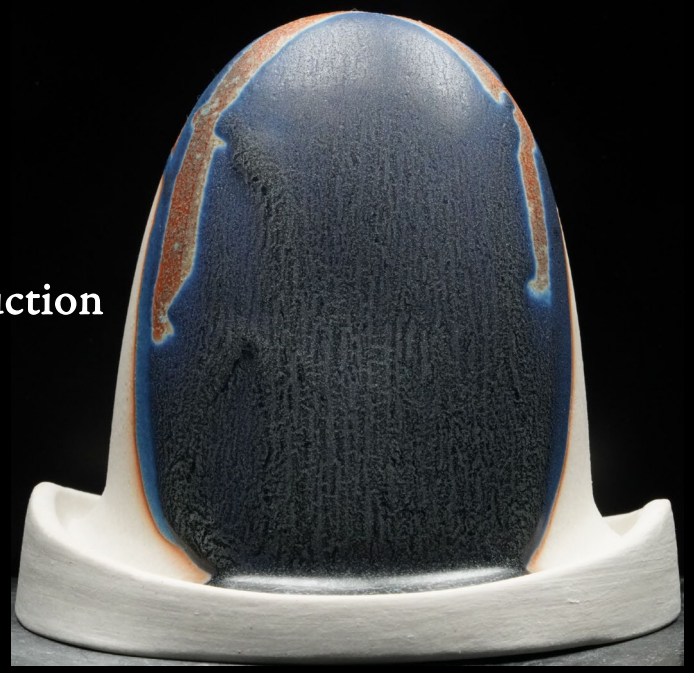


1-3 Second Dip

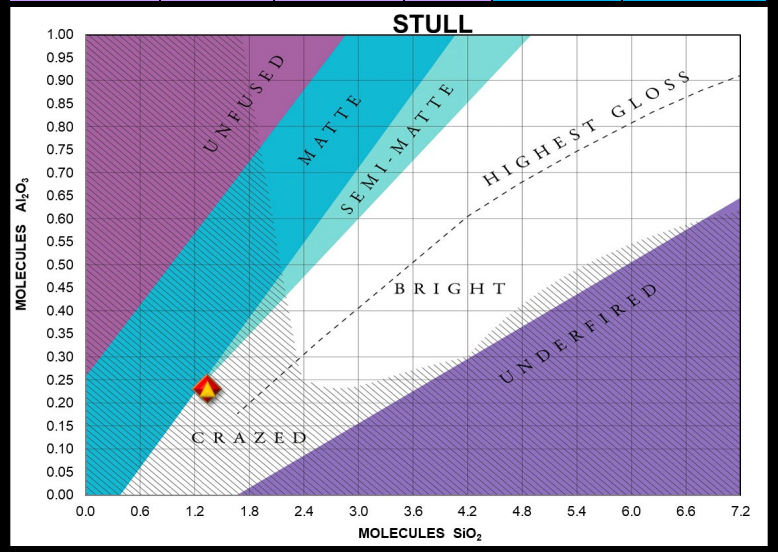


2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.17		Alkaline Earths 0.83	
SiO_2 1.34	Collective "Al_2O_3" 0.23	Na_2O 0.14	K_2O 0.04	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.23	Li_2O	CuO	SrO	BaO 0.53
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.27
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO 0.02



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Peacock

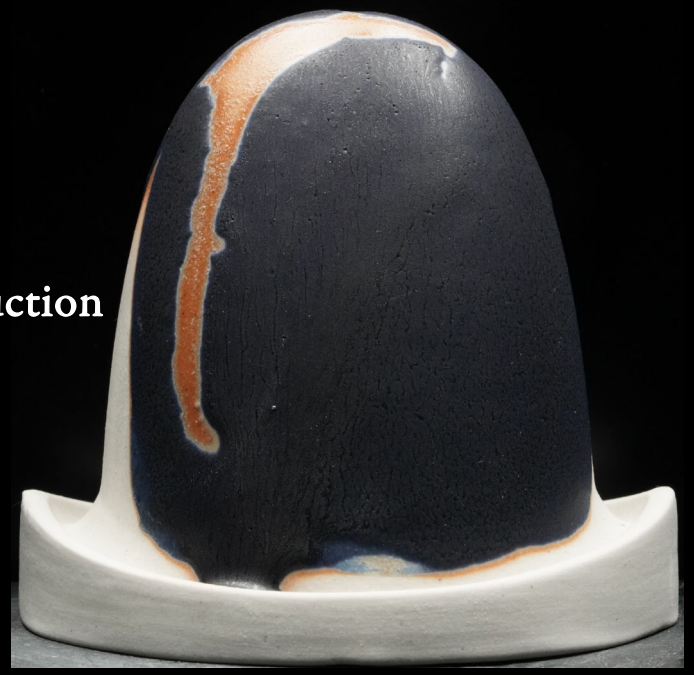
Neph Sy	35.21
Barium Carb	44.77
EPK	6.37
Flint	9.80
Cobalt Carbonate	0.96
Manganese Dioxide	2.88
Water	60

Oxidation

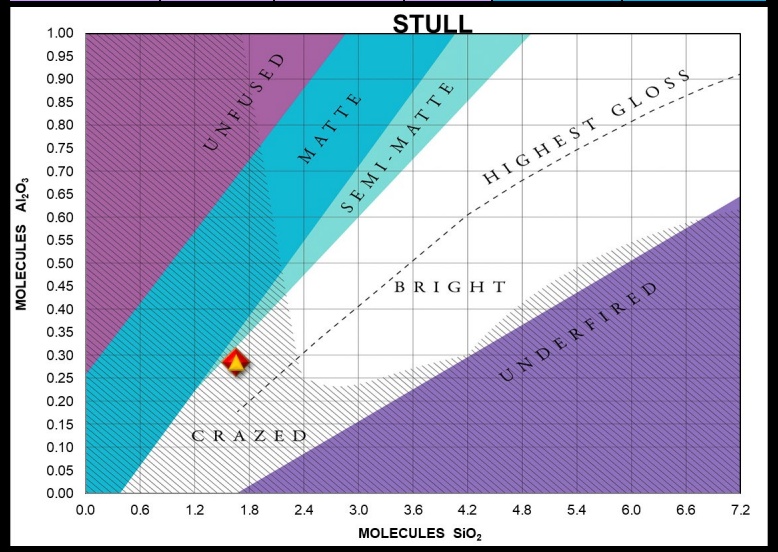
1-3 Second Dip

2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 1.66	Collective "Al_2O_3" 0.29	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.28	Li_2O	CuO	SrO	BaO 0.65
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2 0.10	CoO 0.02



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Peacock

Neph Sy	35.38
Barium Carb	44.99
EPK	6.40
Flint	9.84
Cobalt Carbonate	0.97
Nickel Carb (Green)	2.42
Water	60

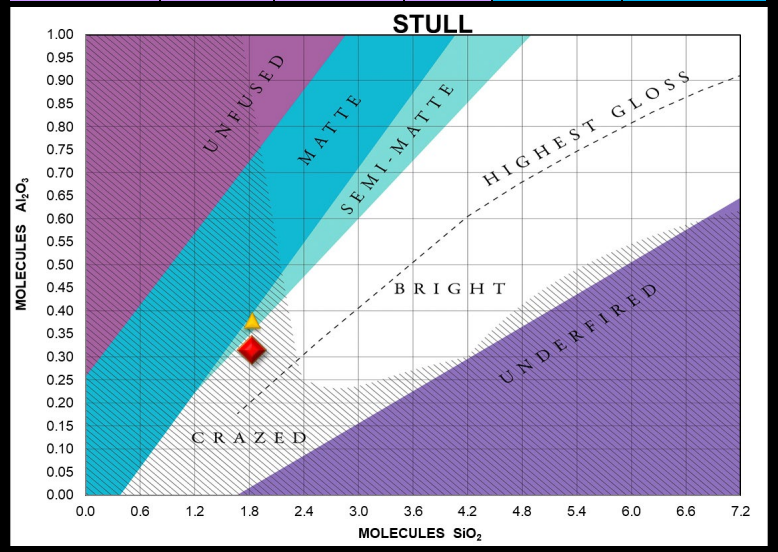
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 4.82 :1		Alkali Metals 0.24		Alkaline Earths 0.76	
SiO_2 1.83	Collective "Al_2O_3" 0.38	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.31	Li_2O	CuO	SrO	BaO 0.72
TiO_2 0.00	NiO 0.06	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO 0.03



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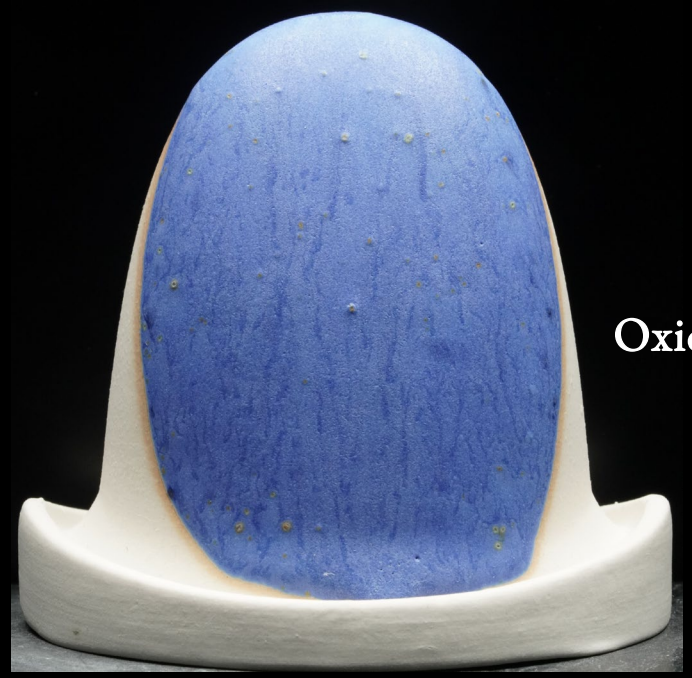
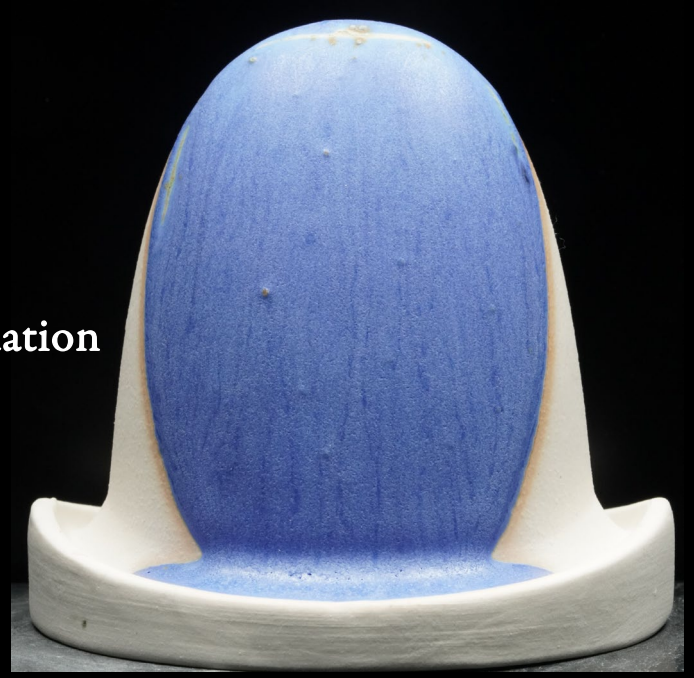
Peacock

Neph Sy	34.22
Barium Carb	43.52
EPK	6.20
Flint	9.52
Cobalt Carbonate	0.93
Titanium Dioxide	5.61
Water	60

Oxidation

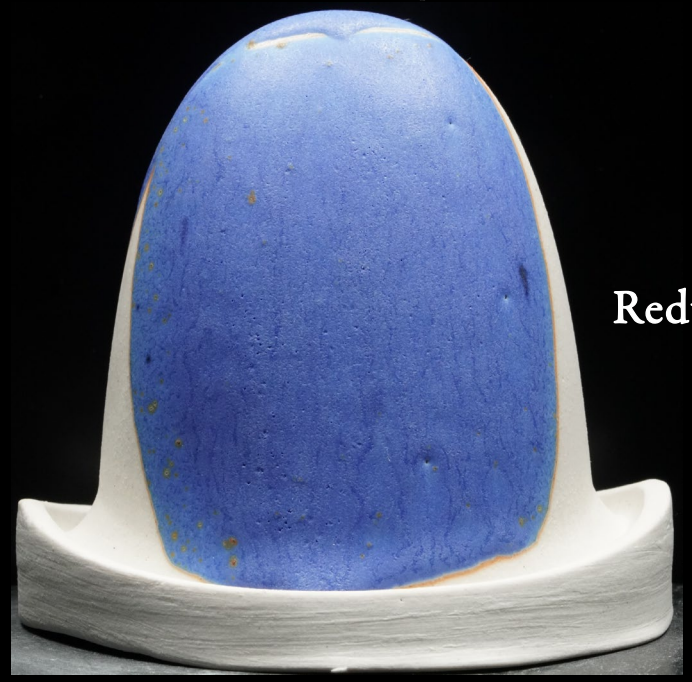


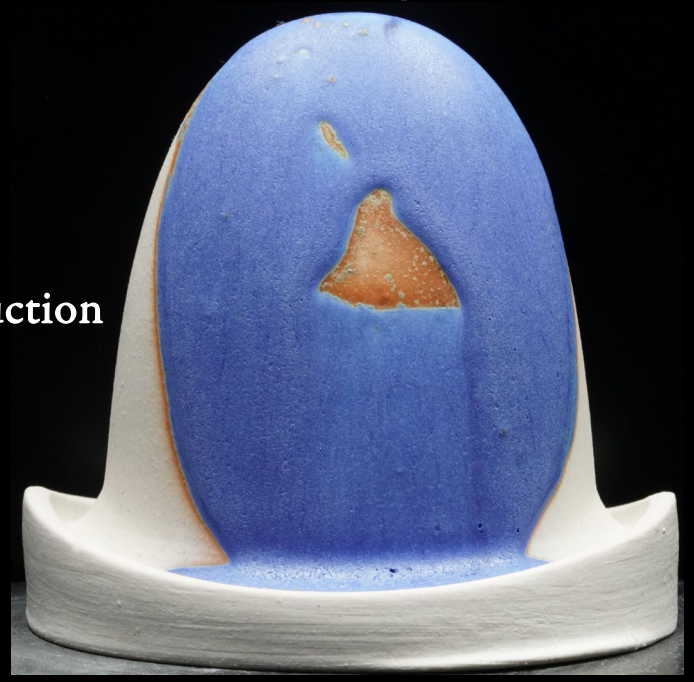
1-3 Second Dip



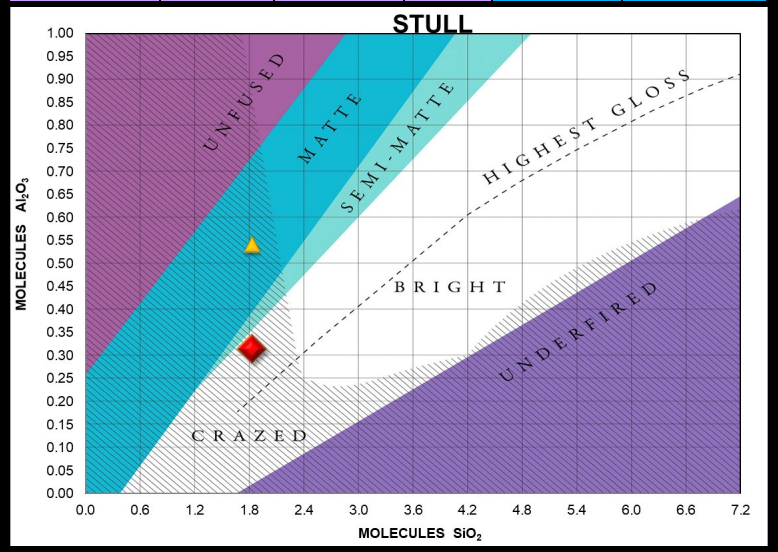
2-3 Second Dips

Reduction





SiO_2:Al_2O_3 Ratio 3.38 :1		Alkali Metals 0.24		Alkaline Earths 0.76	
SiO_2 1.83	Collective "Al_2O_3" 0.54	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.31	Li_2O	CuO	SrO	BaO 0.72
TiO_2 0.23	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO 0.03



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Peacock

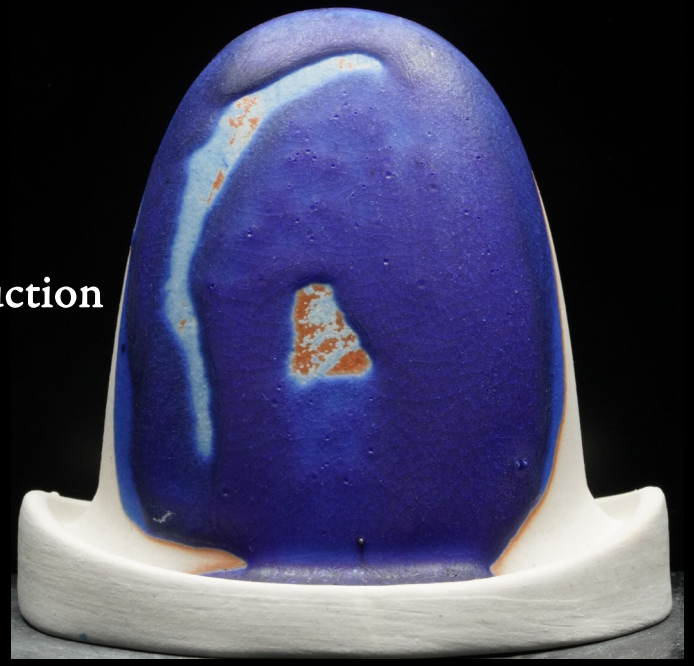
Neph Sy	34.55
Barium Carb	43.93
EPK	6.25
Flint	9.61
Cobalt Carbonate	0.94
Tin Oxide	4.72
Water	60

Oxidation

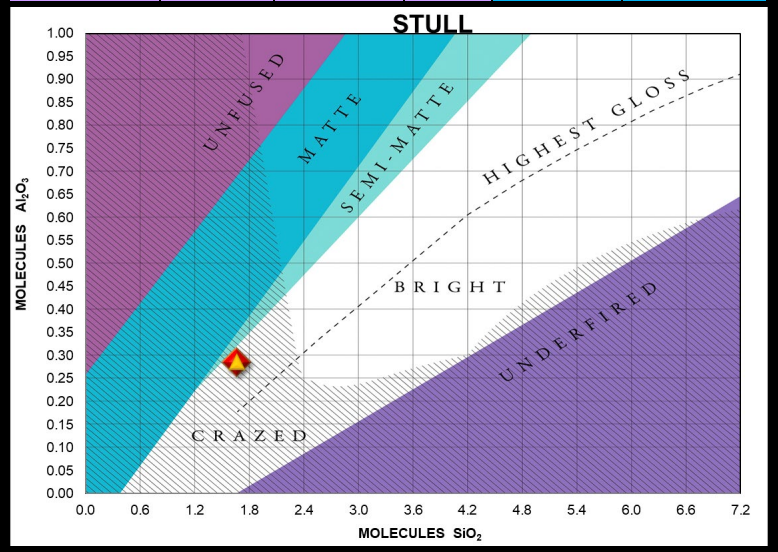
1-3 Second Dip

2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.31		Alkaline Earths 0.69	
SiO_2 1.66	Collective "Al_2O_3" 0.29	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO 0.66
TiO_2 0.00	NiO	Bi_2O_3	SnO_2 0.09	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO 0.02



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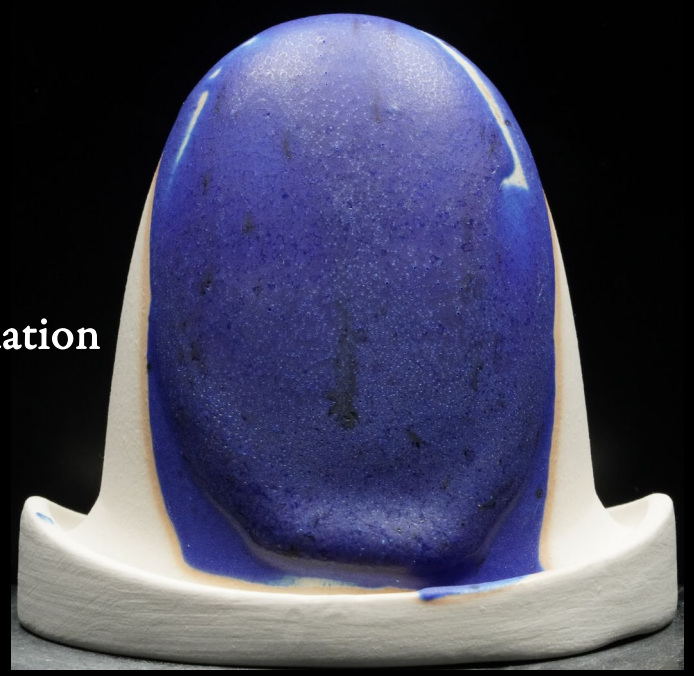
Peacock

Neph Sy	32.99
Barium Carb	41.95
EPK	5.97
Flint	9.18
Cobalt Carbonate	0.90
Ultrox (Zircopax)	9.01
Water	60

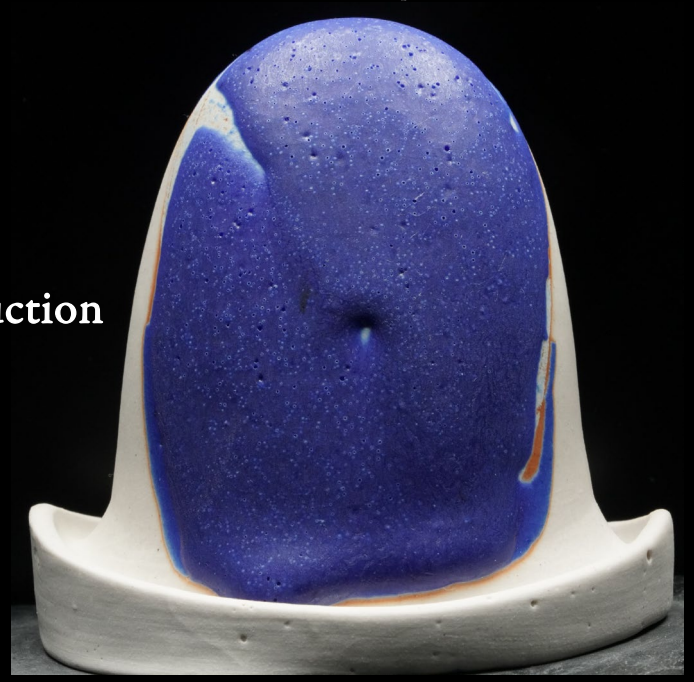
Oxidation

1-3 Second Dip

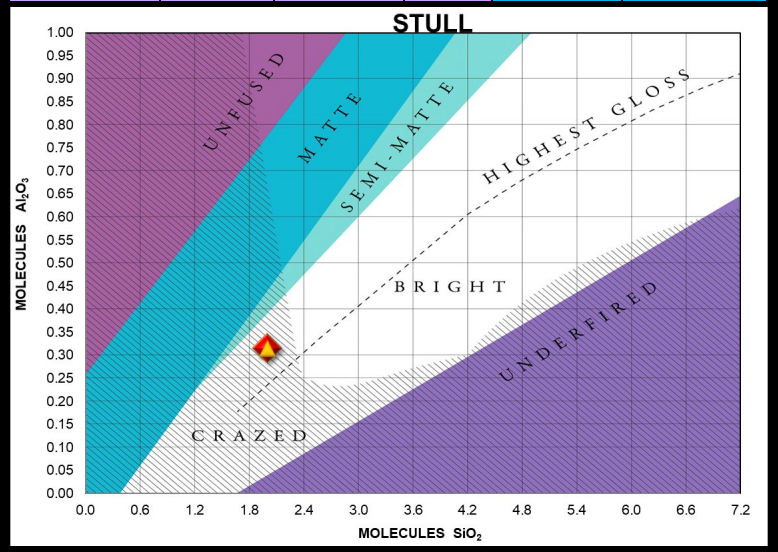


2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 6.33 :1		Alkali Metals 0.24		Alkaline Earths 0.76	
SiO_2 2.00	Collective "Al_2O_3" 0.32	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.31	Li_2O	CuO	SrO	BaO 0.72
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO 0.03



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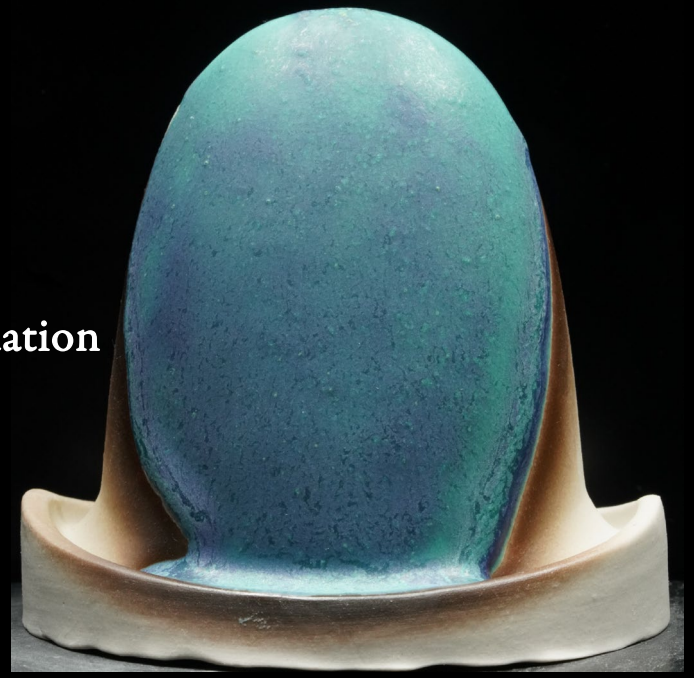
Peacock

Neph Sy	35.21
Barium Carb	44.77
EPK	6.37
Flint	9.80
Chrome Oxide	0.96
Copper Carbonate	2.86
Water	60

Oxidation

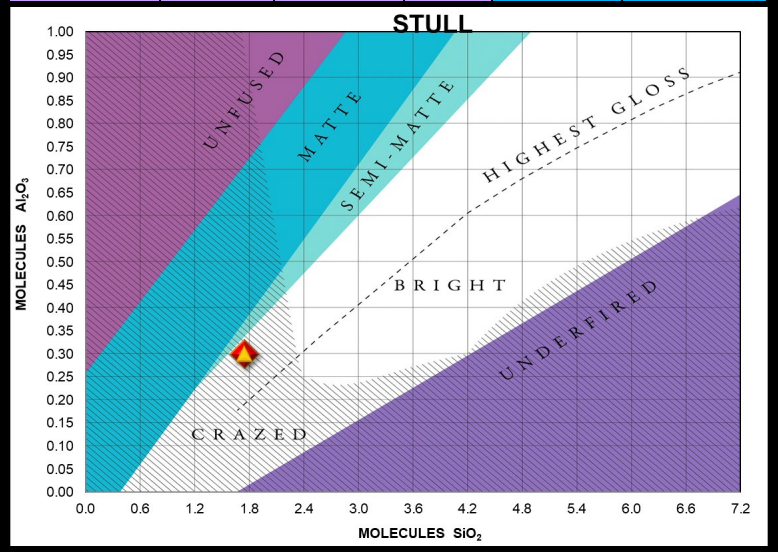
1-3 Second Dip



2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.30		Alkaline Earths 0.70	
SiO_2 1.75	Collective "Al_2O_3" 0.30	Na_2O 0.18	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.30	Li_2O	CuO 0.07	SrO	BaO 0.69
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3 0.02	ZrO_2	P_2O_5		MnO_2	CoO



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Peacock

Neph Sy	34.22
Barium Carb	43.52
EPK	6.20
Flint	9.52
Chrome Oxide	0.93
Red Iron Oxide	5.61
Water	60

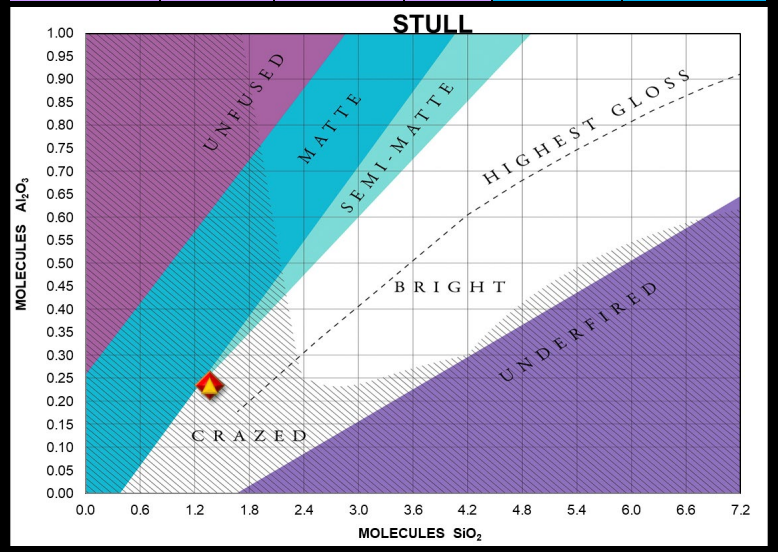
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.18		Alkaline Earths 0.82	
SiO_2 1.37	Collective "Al_2O_3" 0.24	Na_2O 0.14	K_2O 0.04	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.23	Li_2O	CuO	SrO	BaO 0.54
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.28
Cr_2O_3 0.02	ZrO_2	P_2O_5		MnO_2	CoO



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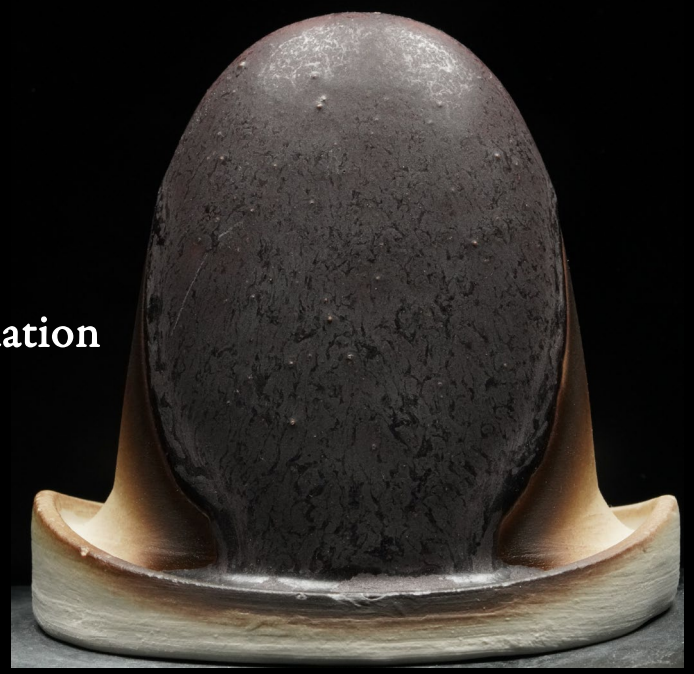
Peacock

Neph Sy	35.21
Barium Carb	44.77
EPK	6.37
Flint	9.80
Chrome Oxide	0.96
Manganese Dioxide	2.88
Water	60

Oxidation

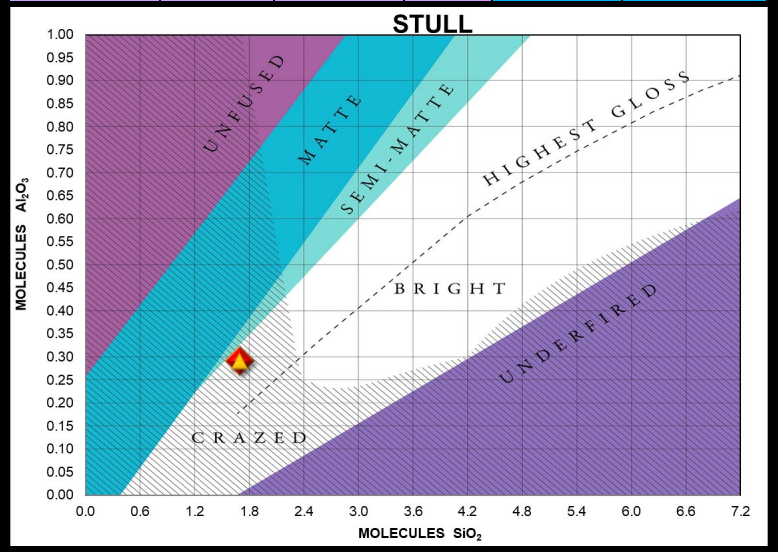
1-3 Second Dip



2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 1.70	Collective "Al_2O_3" 0.29	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO 0.67
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3 0.02	ZrO_2	P_2O_5		MnO_2 0.10	CoO



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Peacock

Neph Sy	35.38
Barium Carb	44.99
EPK	6.40
Flint	9.84
Chrome Oxide	0.97
Nickel Carb (Green)	2.42
Water	60

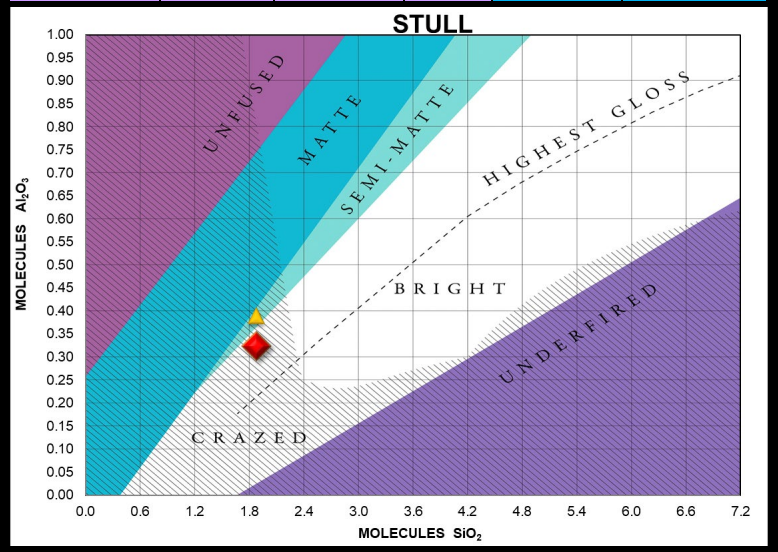
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 4.82 :1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO_2 1.88	Collective "Al_2O_3" 0.39	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.32	Li_2O	CuO	SrO	BaO 0.74
TiO_2 0.00	NiO 0.07	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3 0.02	ZrO_2	P_2O_5		MnO_2	CoO



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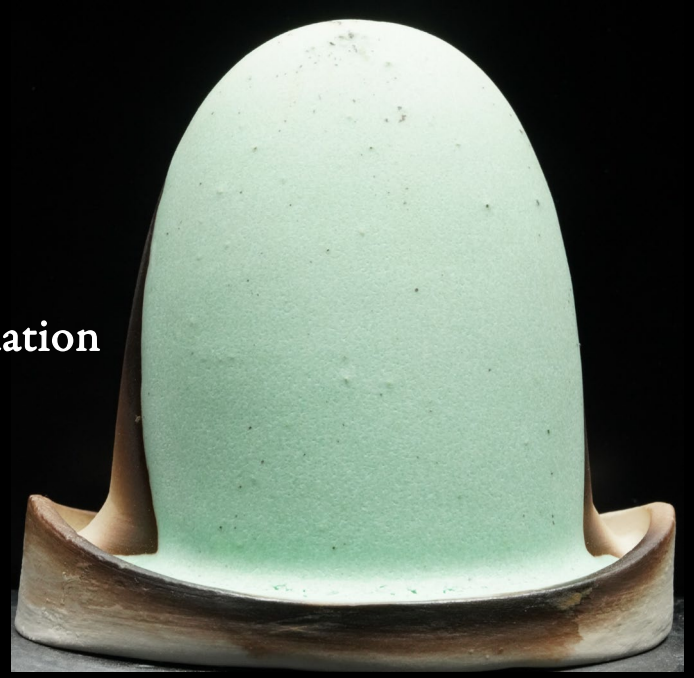
Peacock

Neph Sy	34.22
Barium Carb	43.52
EPK	6.20
Flint	9.52
Chrome Oxide	0.93
Titanium Oxide	5.61
Water	60

Oxidation

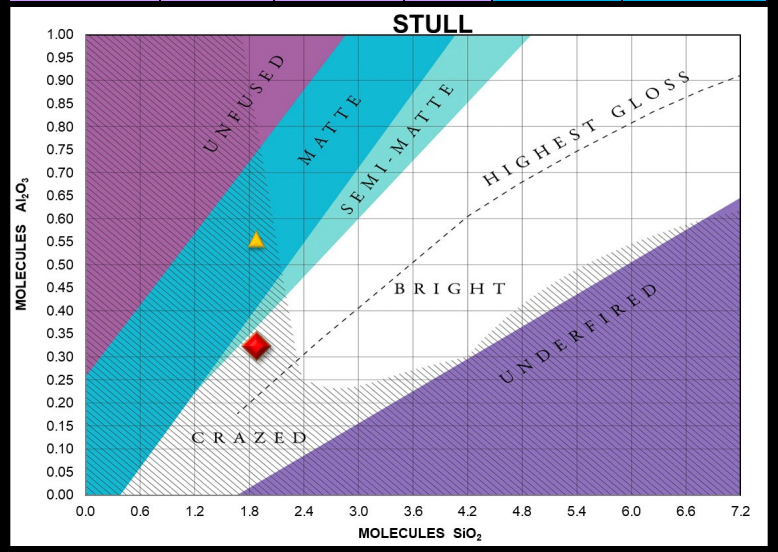
1-3 Second Dip



2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 3.38 :1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO_2 1.88	Collective "Al_2O_3" 0.56	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.32	Li_2O	CuO	SrO	BaO 0.74
TiO_2 0.23	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3 0.02	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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Peacock

Neph Sy	34.55
Barium Carb	43.93
EPK	6.25
Flint	9.61
Chrome Oxide	0.94
Tin Oxide	4.72
Water	60

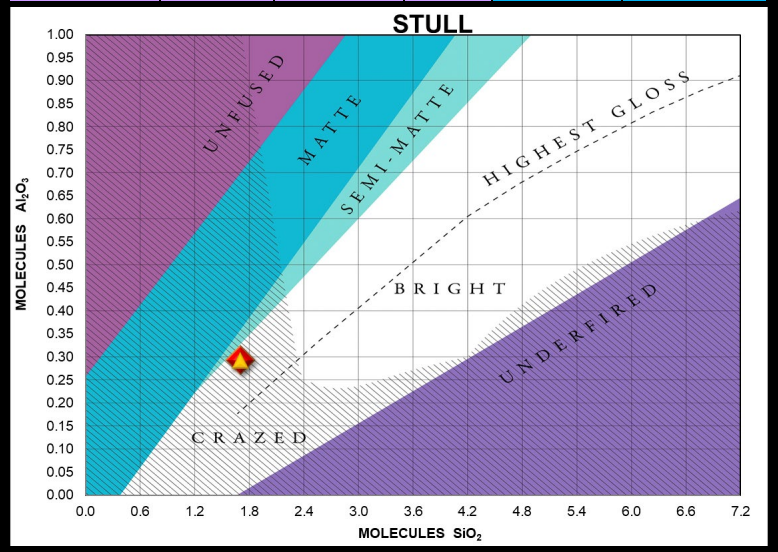
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.32		Alkaline Earths 0.68	
SiO_2 1.70	Collective "Al_2O_3" 0.29	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO 0.67
TiO_2 0.00	NiO	Bi_2O_3	SnO_2 0.09	ZnO	FeO 0.00
Cr_2O_3 0.02	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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Peacock

Neph Sy	32.99
Barium Carb	41.95
EPK	5.97
Flint	9.18
Chrome Oxide	0.90
Ultrox (Zircopax)	9.01
Water	60

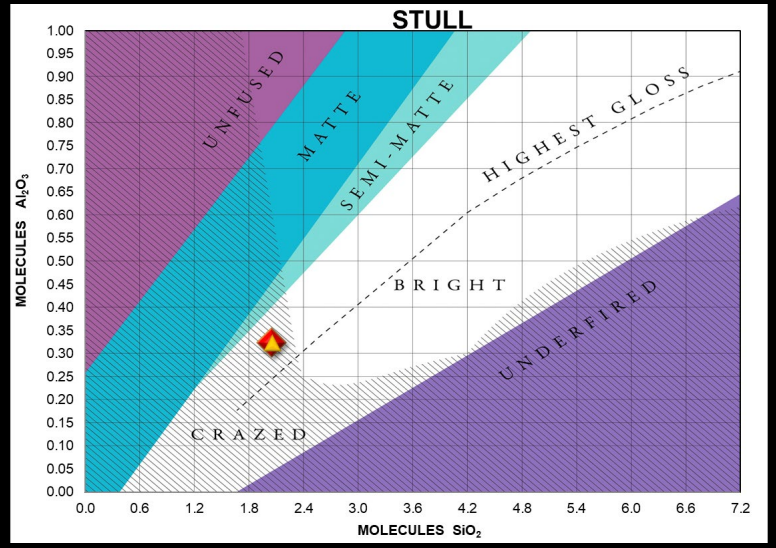
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 6.33 :1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO_2 2.05	Collective "Al_2O_3" 0.32	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.32	Li_2O	CuO	SrO	BaO 0.74
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3 0.02	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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Peacock

Neph Sy	33.59
Barium Carb	42.72
EPK	6.08
Flint	9.35
Copper Carbonate	2.75
Red Iron Oxide	5.50
Water	60

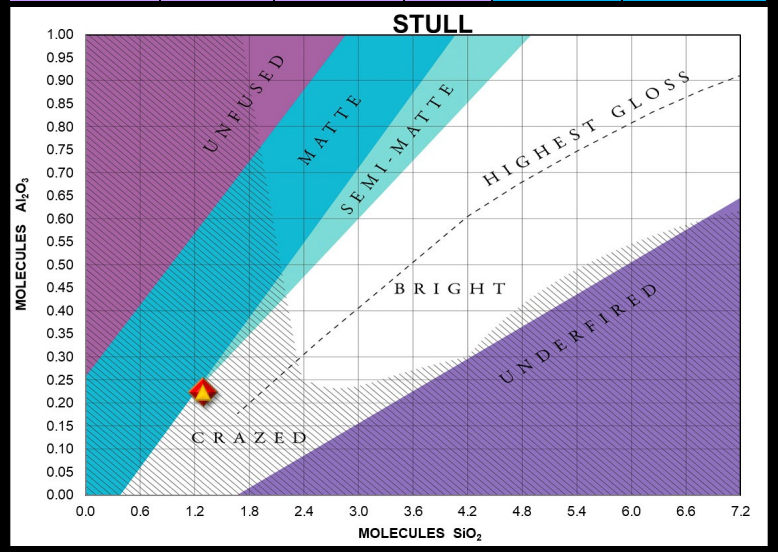
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 1.29	Collective "Al_2O_3" 0.22	Na_2O 0.13	K_2O 0.04	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.22	Li_2O	CuO 0.05	SrO	BaO 0.51
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.26
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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Peacock

Neph Sy	34.55
Barium Carb	43.93
EPK	6.25
Flint	9.61
Copper Carbonate	2.83
Manganese Dioxide	2.83
Water	60

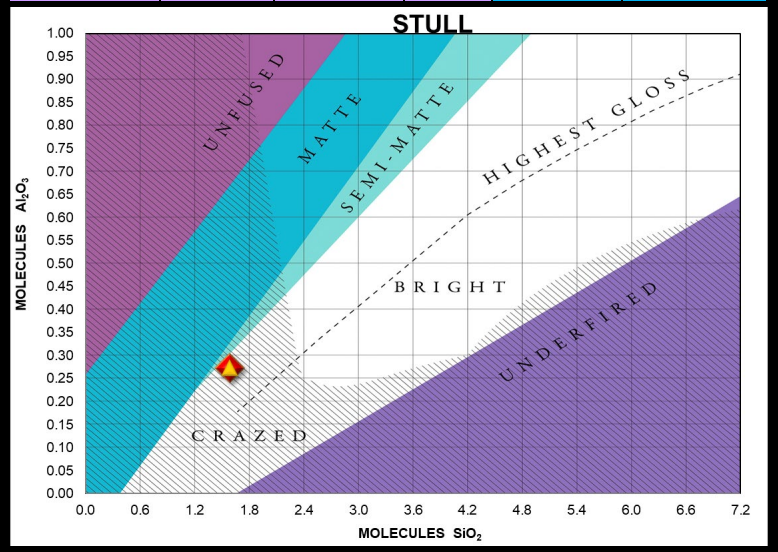
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.27		Alkaline Earths 0.73	
SiO_2 1.59	Collective "Al_2O_3" 0.27	Na_2O 0.16	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.27	Li_2O	CuO 0.06	SrO	BaO 0.63
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2 0.09	CoO



Ceramic Materials Workshop

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Peacock

Neph Sy	34.71
Barium Carb	44.14
EPK	6.28
Flint	9.66
Copper Carbonate	2.84
Nickel Carb (Green)	2.37
Water	60

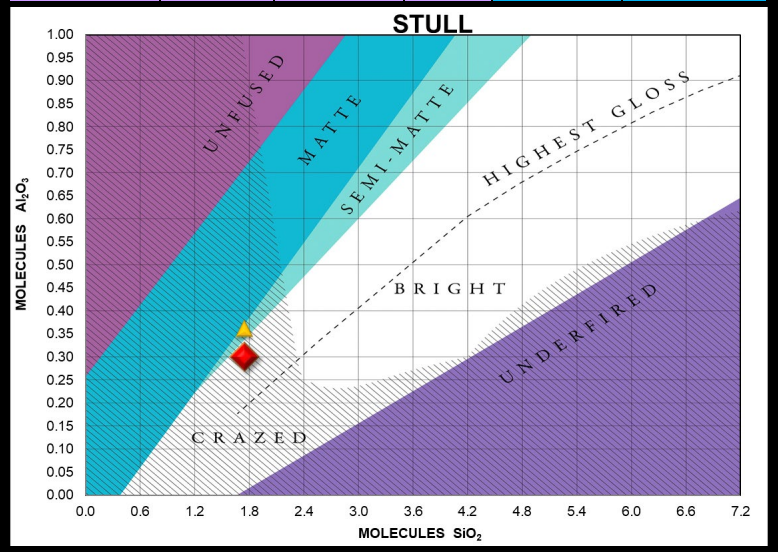
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 4.82 :1		Alkali Metals 0.30		Alkaline Earths 0.70	
SiO_2 1.75	Collective "Al_2O_3" 0.36	Na_2O 0.18	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.30	Li_2O	CuO 0.07	SrO	BaO 0.69
TiO_2 0.00	NiO 0.06	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



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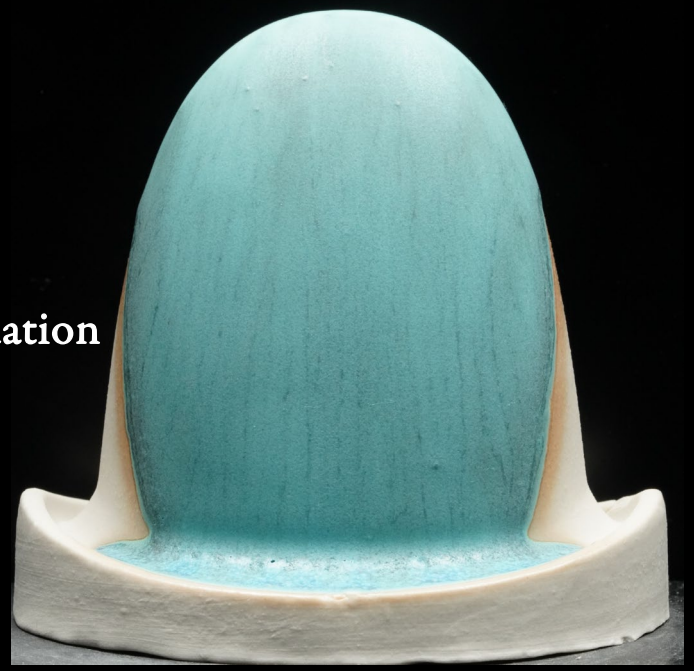
Peacock

Neph Sy	33.59
Barium Carb	42.72
EPK	6.08
Flint	9.35
Copper Carbonate	2.75
Titanium Dioxide	5.50
Water	60

Oxidation

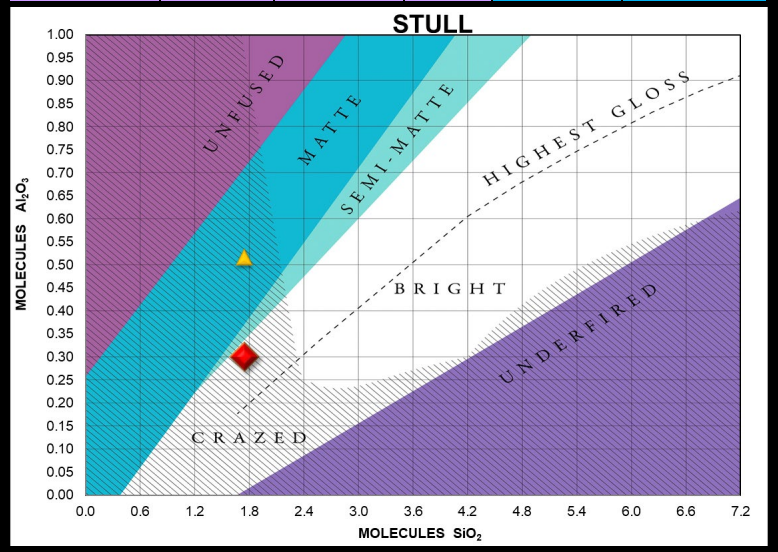
1-3 Second Dip



2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 3.38 :1		Alkali Metals 0.30		Alkaline Earths 0.70	
SiO_2 1.75	Collective "Al_2O_3" 0.52	Na_2O 0.18	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.30	Li_2O	CuO 0.07	SrO	BaO 0.69
TiO_2 0.22	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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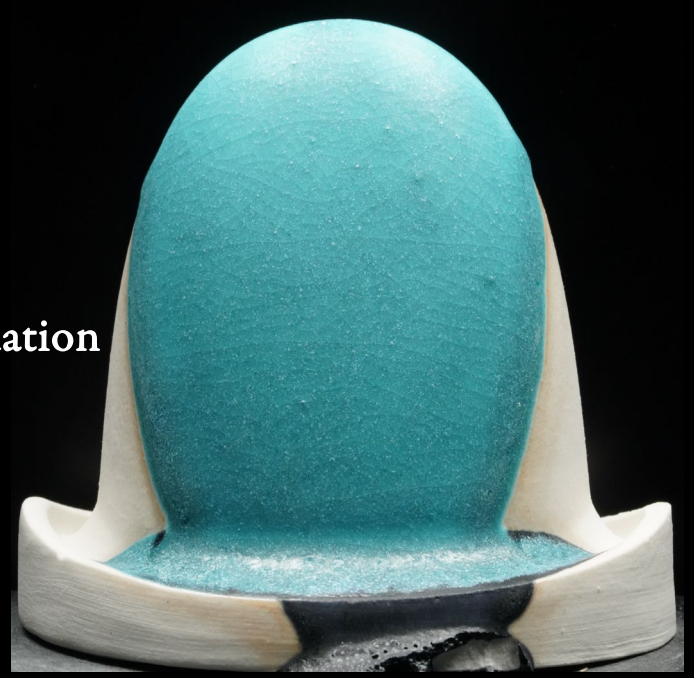
Peacock

Neph Sy	33.91
Barium Carb	43.12
EPK	6.14
Flint	9.43
Copper Carbonate	2.78
Tin Oxide	4.63
Water	60

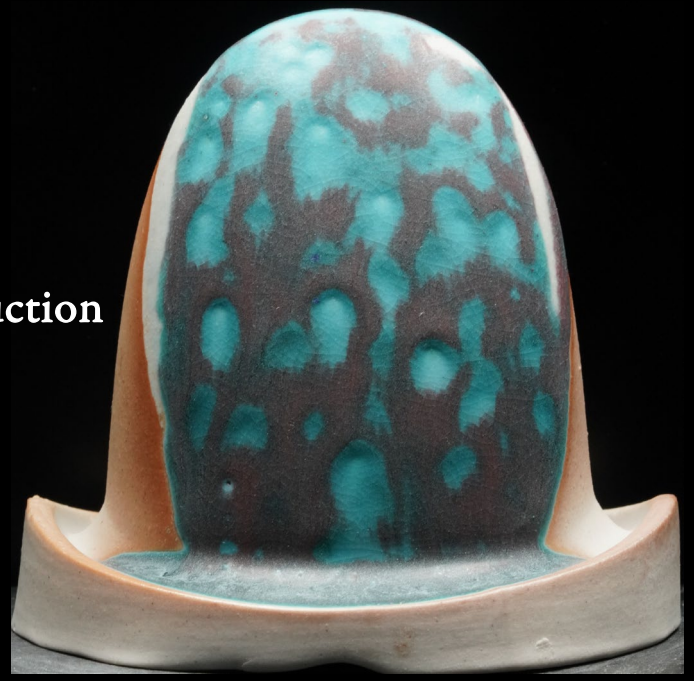
Oxidation

1-3 Second Dip

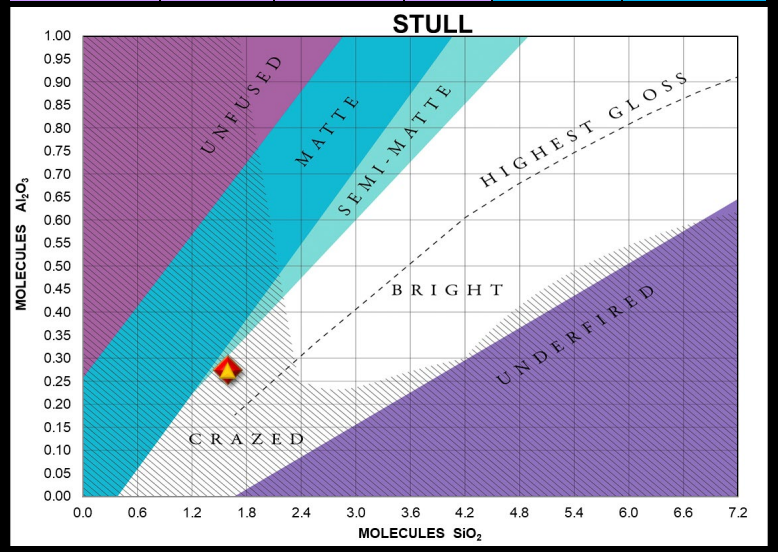


2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.36		Alkaline Earths 0.64	
SiO_2 1.59	Collective "Al_2O_3" 0.27	Na_2O 0.16	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.27	Li_2O	CuO 0.06	SrO	BaO 0.63
TiO_2 0.00	NiO	Bi_2O_3	SnO_2 0.09	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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Peacock

Neph Sy	32.41
Barium Carb	41.21
EPK	5.87
Flint	9.02
Copper Carbonate	2.65
Ultrox (Zircopax)	8.85
Water	60

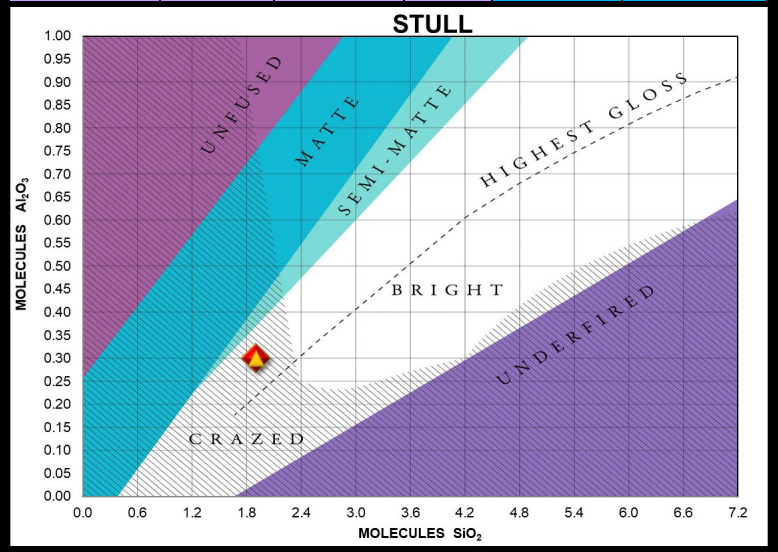
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 6.33 :1		Alkali Metals 0.30		Alkaline Earths 0.70	
SiO_2 1.91	Collective "Al_2O_3" 0.30	Na_2O 0.18	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.30	Li_2O	CuO 0.07	SrO	BaO 0.69
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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Peacock

Neph Sy	33.59
Barium Carb	42.72
EPK	6.08
Flint	9.35
Red Iron Oxide	5.50
Manganese Dioxide	2.75
Water	60

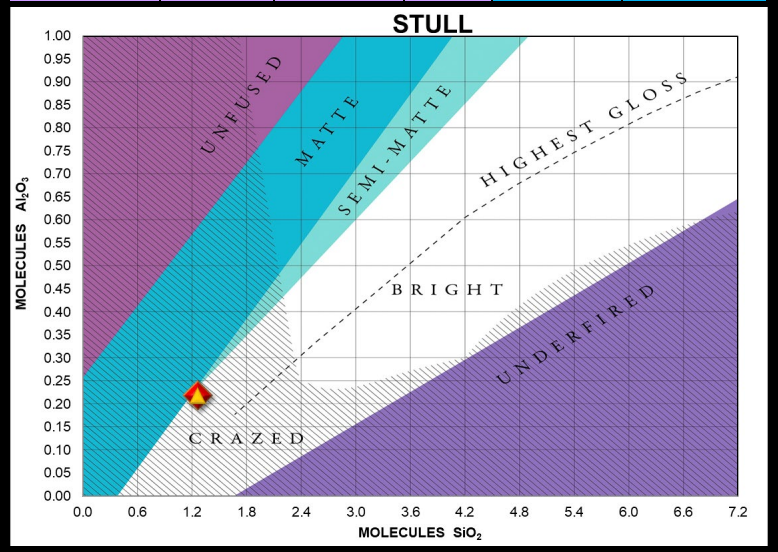
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.17		Alkaline Earths 0.83	
SiO_2 1.27	Collective "Al_2O_3" 0.22	Na_2O 0.13	K_2O 0.04	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.22	Li_2O	CuO	SrO	BaO 0.50
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.26
Cr_2O_3	ZrO_2	P_2O_5		MnO_2 0.07	CoO



Ceramic Materials Workshop

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Peacock

Neph Sy	33.75
Barium Carb	42.92
EPK	6.11
Flint	9.39
Red Iron Oxide	5.53
Nickel Carb (Green)	2.30
Water	60

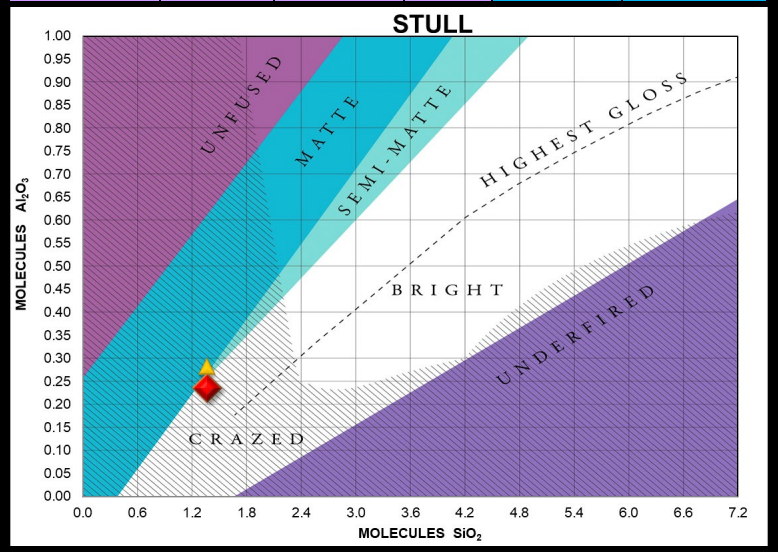
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 4.82 :1		Alkali Metals 0.18		Alkaline Earths 0.82	
SiO_2 1.37	Collective "Al_2O_3" 0.28	Na_2O 0.14	K_2O 0.04	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.23	Li_2O	CuO	SrO	BaO 0.54
TiO_2 0.00	NiO 0.05	Bi_2O_3	SnO_2	ZnO	FeO 0.28
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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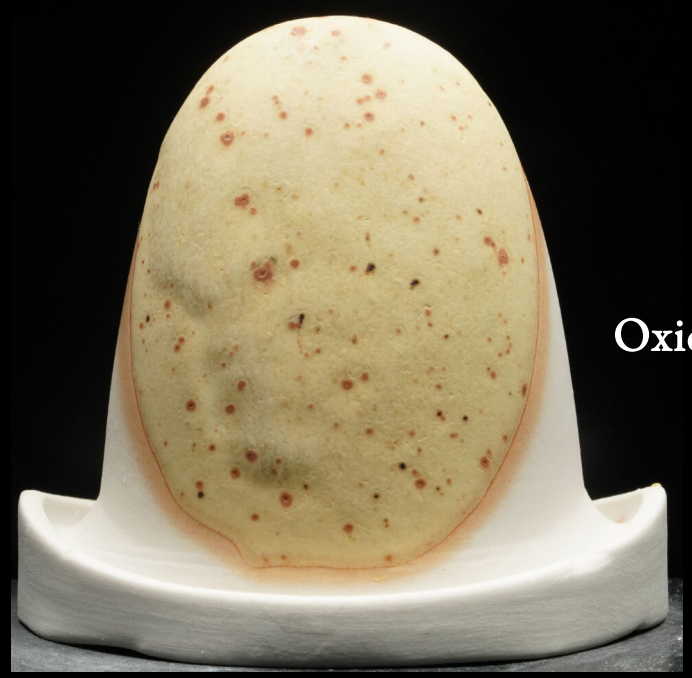
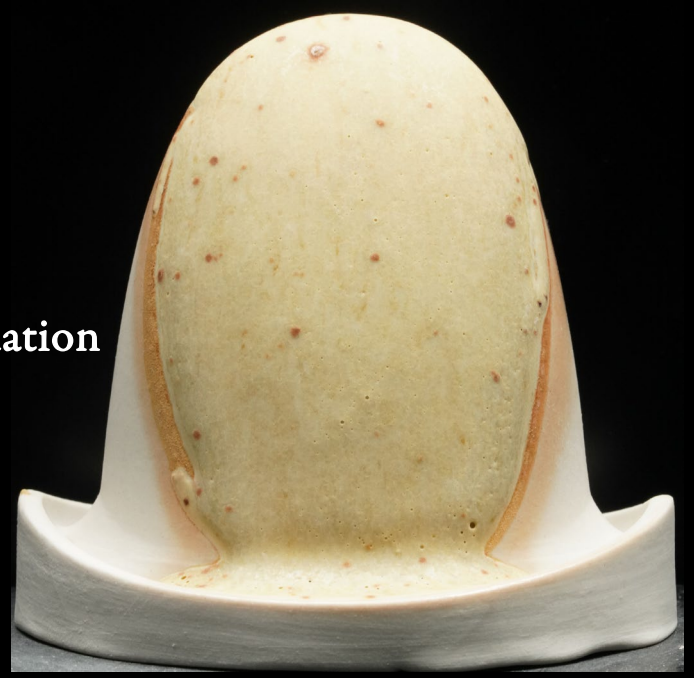
Peacock

Neph Sy	32.69
Barium Carb	41.58
EPK	5.92
Flint	9.10
Red Iron Oxide	5.36
Titanium Dioxide	5.36
Water	60

Oxidation



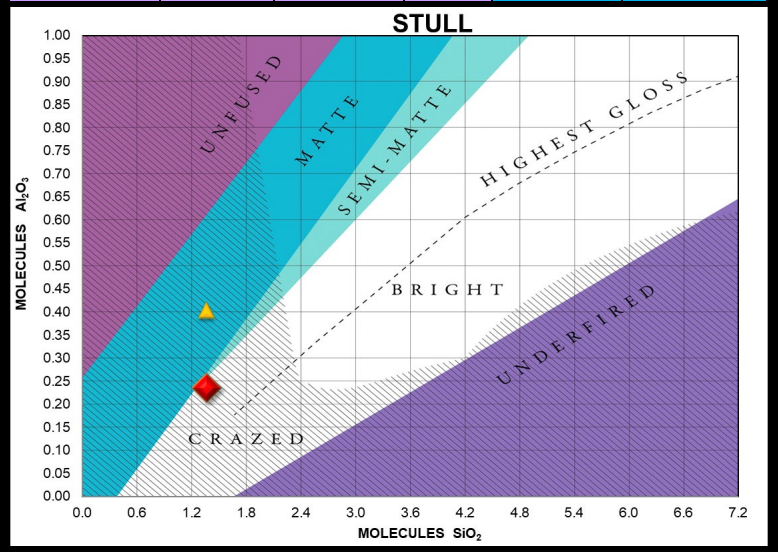
1-3 Second Dip



2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 3.38 :1		Alkali Metals 0.18		Alkaline Earths 0.82	
SiO_2 1.37	Collective "Al_2O_3" 0.40	Na_2O 0.14	K_2O 0.04	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.23	Li_2O	CuO	SrO	BaO 0.54
TiO_2 0.17	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.28
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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Peacock

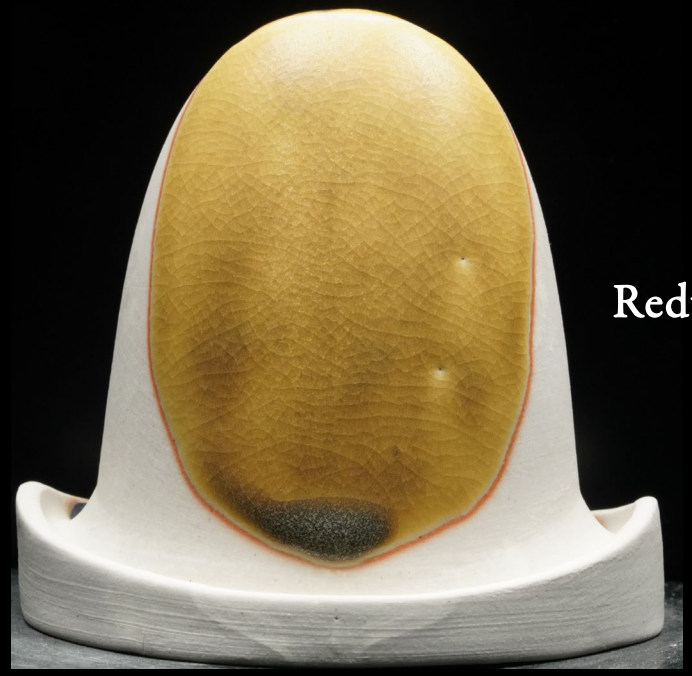
Neph Sy	32.99
Barium Carb	41.95
EPK	5.97
Flint	9.18
Red Iron Oxide	5.41
Tin Oxide	4.50
Water	60

Oxidation

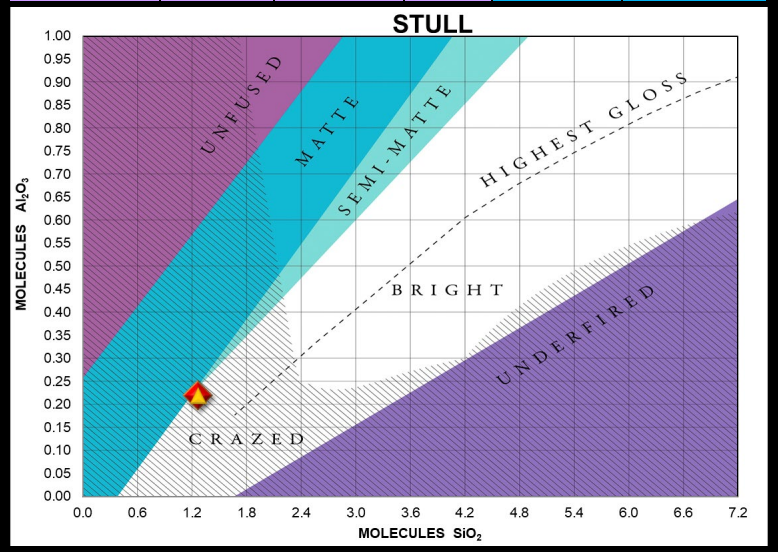
1-3 Second Dip

2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.24		Alkaline Earths 0.76	
SiO_2 1.27	Collective "Al_2O_3" 0.22	Na_2O 0.13	K_2O 0.04	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.22	Li_2O	CuO	SrO	BaO 0.50
TiO_2 0.00	NiO	Bi_2O_3	SnO_2 0.07	ZnO	FeO 0.26
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



Ceramic Materials Workshop

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Peacock

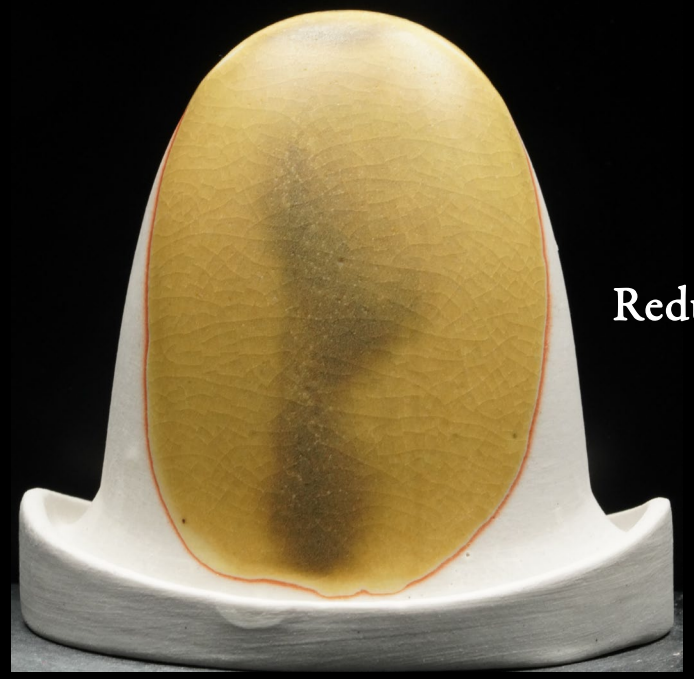
Neph Sy	31.57
Barium Carb	40.14
EPK	5.71
Flint	8.78
Red Iron Oxide	5.17
Ultrox (Zircopax)	8.62
Water	60

Oxidation

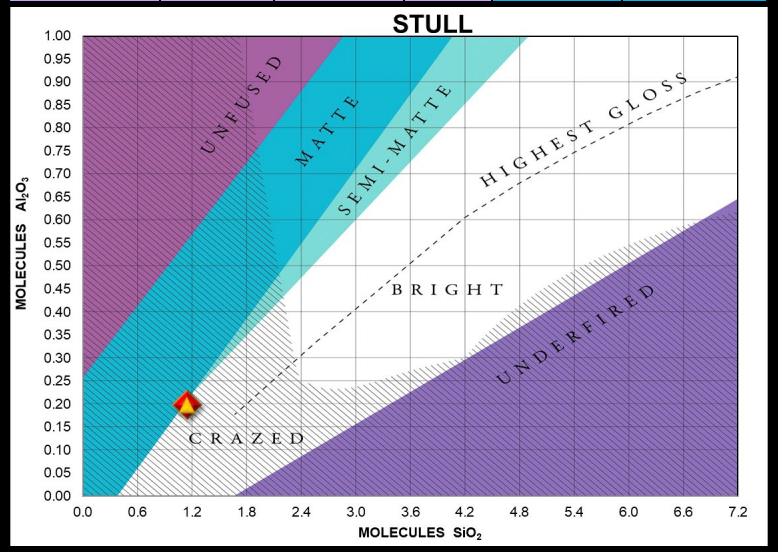
1-3 Second Dip

2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.15		Alkaline Earths 0.85	
SiO_2 1.15	Collective "Al_2O_3" 0.20	Na_2O 0.12	K_2O 0.03	MgO 0.00	CaO 0.00
B_2O_3	Al_2O_3 0.20	Li_2O	CuO	SrO	BaO 0.45
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.23
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO 0.16



Ceramic Materials Workshop

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Peacock

Neph Sy	34.71
Barium Carb	44.14
EPK	6.28
Flint	9.66
Manganese Dioxide	2.84
Nickel Carb (Green)	2.37
Water	60

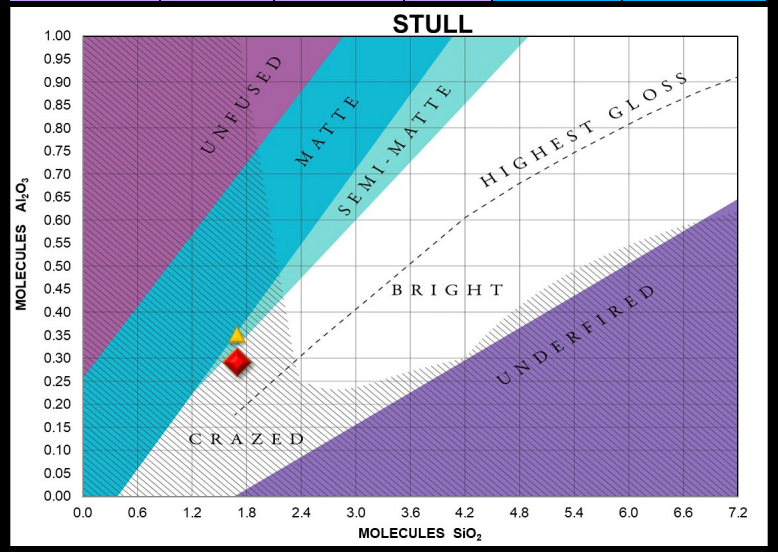
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 4.82 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 1.70	Collective "Al_2O_3" 0.35	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO 0.67
TiO_2 0.00	NiO 0.06	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2 0.10	CoO



Ceramic Materials Workshop

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Peacock

Neph Sy	33.59
Barium Carb	42.72
EPK	6.08
Flint	9.35
Manganese Dioxide	2.75
Titanium Dioxide	5.50
Water	60

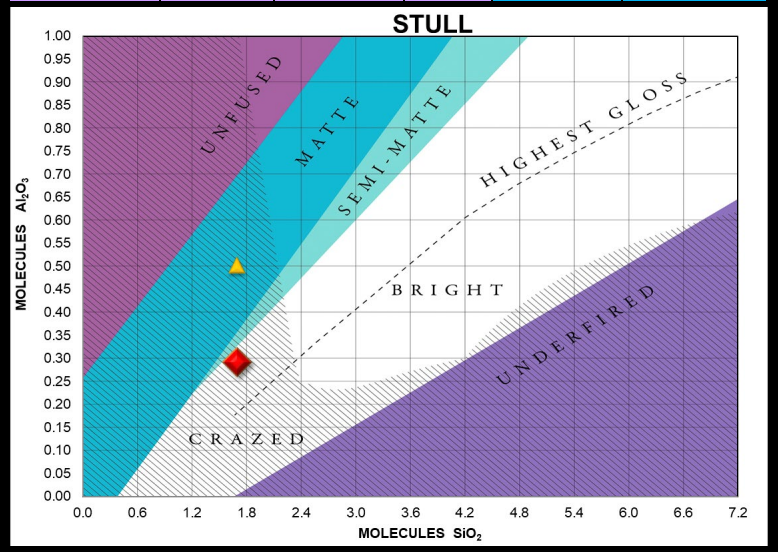
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 3.38 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 1.70	Collective "Al_2O_3" 0.50	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO 0.67
TiO_2 0.21	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2 0.10	CoO



Ceramic Materials Workshop

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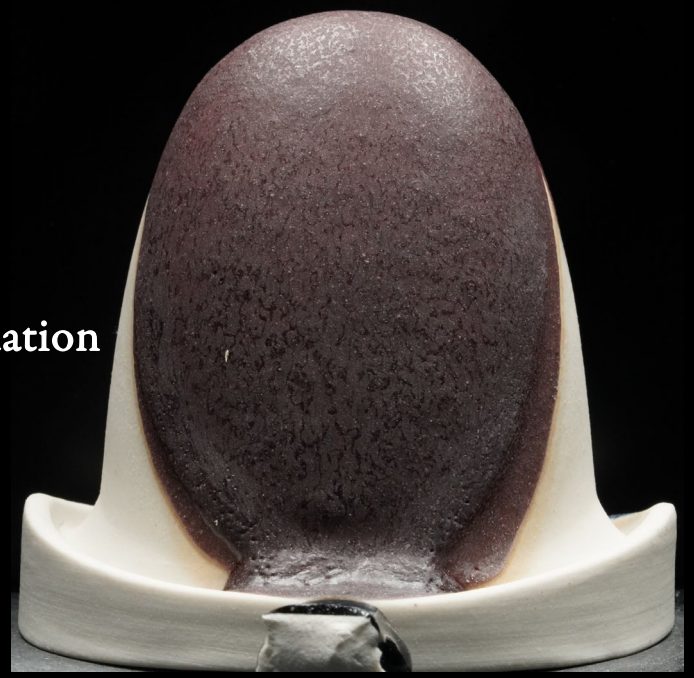
Peacock

Neph Sy	33.91
Barium Carb	43.12
EPK	6.14
Flint	9.43
Manganese Dioxide	2.78
Tin Oxide	4.63
Water	60

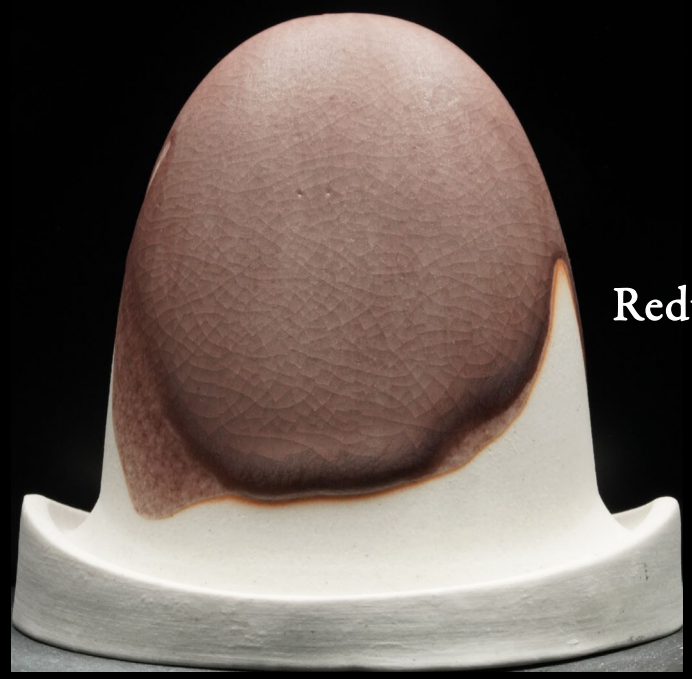
Oxidation

1-3 Second Dip

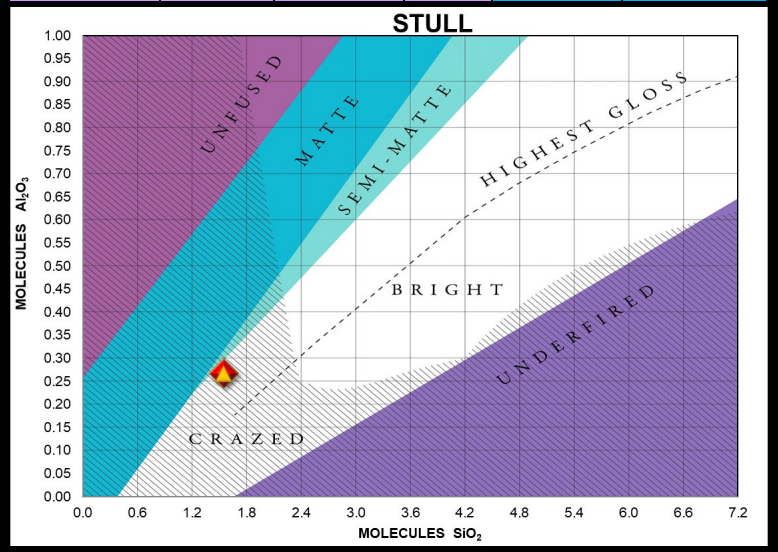


2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 5.80 :1		Alkali Metals 0.29		Alkaline Earths 0.71	
SiO_2 1.55	Collective "Al_2O_3" 0.27	Na_2O 0.16	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.27	Li_2O	CuO	SrO	BaO 0.61
TiO_2 0.00	NiO	Bi_2O_3	SnO_2 0.09	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2 0.09	CoO



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Peacock

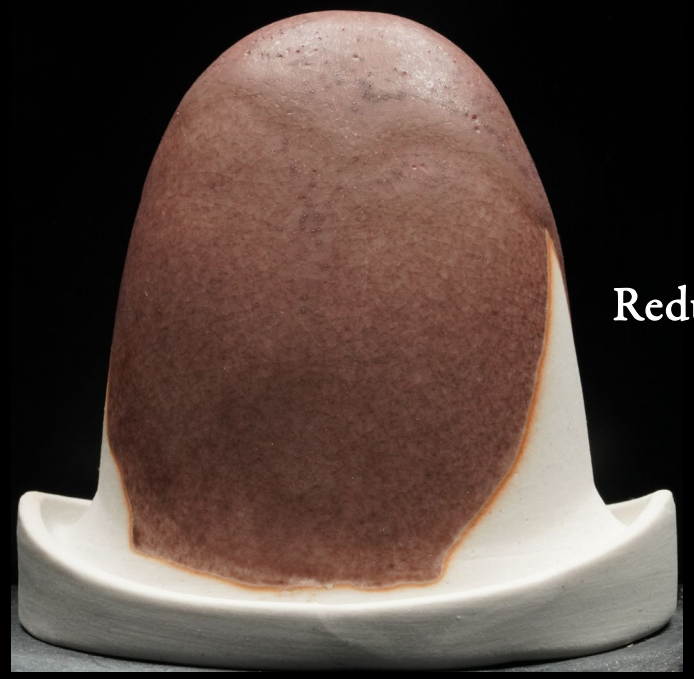
Neph Sy	32.41
Barium Carb	41.21
EPK	5.87
Flint	9.02
Manganese Dioxide	2.65
Ultrox (Zircopax)	8.85
Water	60

Oxidation

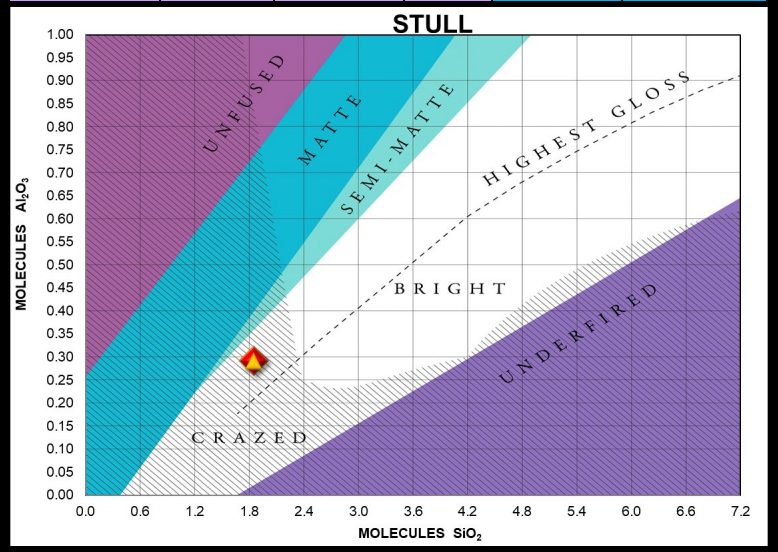
1-3 Second Dip

2-3 Second Dips

Reduction



SiO_2:Al_2O_3 Ratio 6.33 :1		Alkali Metals 0.22		Alkaline Earths 0.78	
SiO_2 1.85	Collective "Al_2O_3" 0.29	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO 0.67
TiO_2 0.00	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2 0.10	CoO



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Peacock

Neph Sy	33.75
Barium Carb	42.92
EPK	6.11
Flint	9.39
Nickel Carb (Green)	2.30
Titanium Dioxide	5.53
Water	60

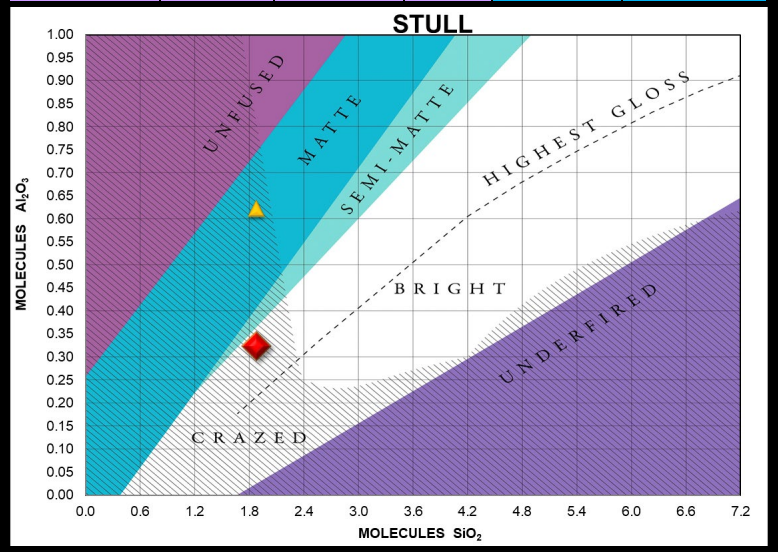
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 3.02 :1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO_2 1.88	Collective "Al_2O_3" 0.62	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.32	Li_2O	CuO	SrO	BaO 0.74
TiO_2 0.23	NiO 0.07	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



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Peacock

Neph Sy	34.06
Barium Carb	43.32
EPK	6.17
Flint	9.48
Nickel Carb (Green)	2.33
Tin Oxide	4.65
Water	60

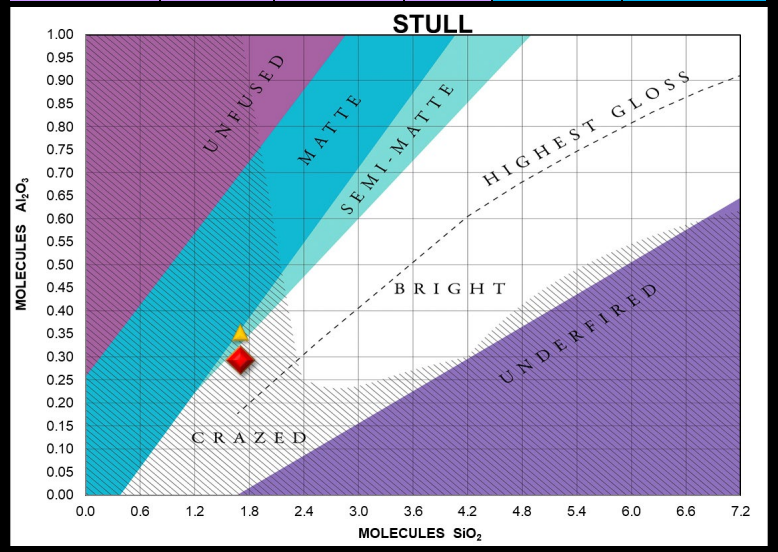
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 4.82 :1		Alkali Metals 0.32		Alkaline Earths 0.68	
SiO_2 1.70	Collective "Al_2O_3" 0.35	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO 0.67
TiO_2 0.00	NiO 0.06	Bi_2O_3	SnO_2 0.09	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



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Peacock

Neph Sy	32.55
Barium Carb	41.39
EPK	5.89
Flint	9.06
Nickel Carb (Green)	2.22
Ultrox (Zircopax)	8.89
Water	60

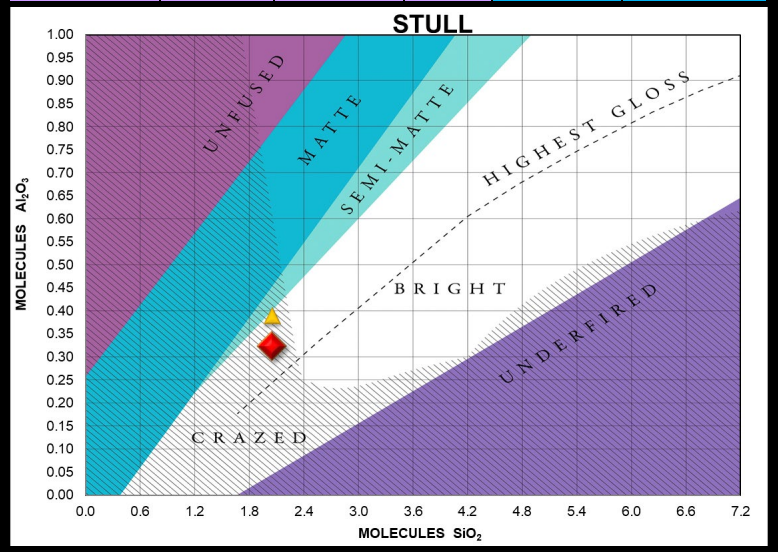
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 5.26 :1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO_2 2.05	Collective "Al_2O_3" 0.39	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.32	Li_2O	CuO	SrO	BaO 0.74
TiO_2 0.00	NiO 0.07	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



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Peacock

Neph Sy	32.99
Barium Carb	41.85
EPK	5.97
Flint	9.18
Titanium Dioxide	5.41
Tin Oxide	4.50
Water	60

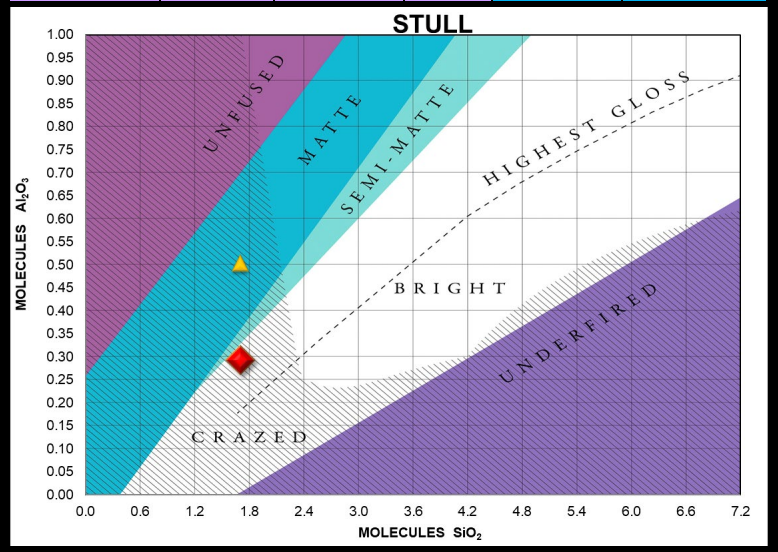
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 3.38 :1		Alkali Metals 0.32		Alkaline Earths 0.68	
SiO_2 1.70	Collective "Al_2O_3" 0.50	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO 0.67
TiO_2 0.21	NiO	Bi_2O_3	SnO_2 0.09	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



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Peacock

Neph Sy	31.55
Barium Carb	40.14
EPK	5.71
Flint	8.78
Titanium Dioxide	5.17
Ultrox (Zircopax)	8.62
Water	60

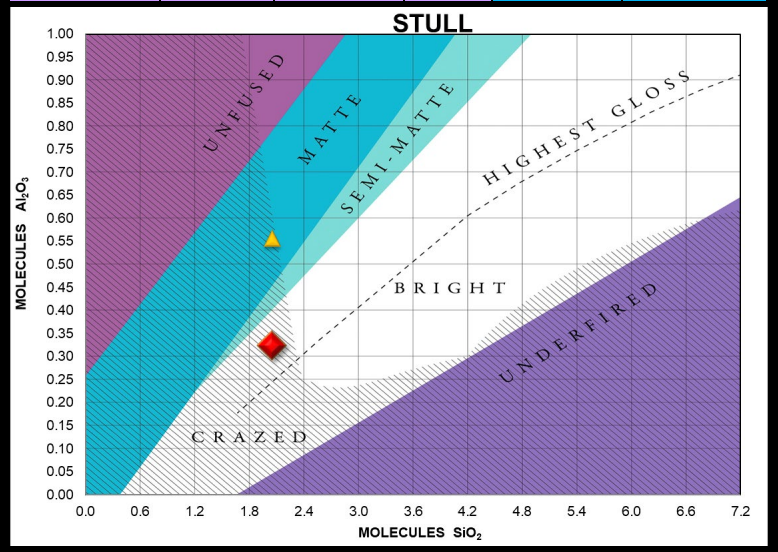
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 3.69 :1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO_2 2.05	Collective "Al_2O_3" 0.56	Na_2O 0.19	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.32	Li_2O	CuO	SrO	BaO 0.74
TiO_2 0.23	NiO	Bi_2O_3	SnO_2	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



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Peacock

Neph Sy	31.84
Barium Carb	40.49
EPK	5.76
Flint	8.86
Tin Oxide	4.35
Ultrox (Zircopax)	8.70
Water	60

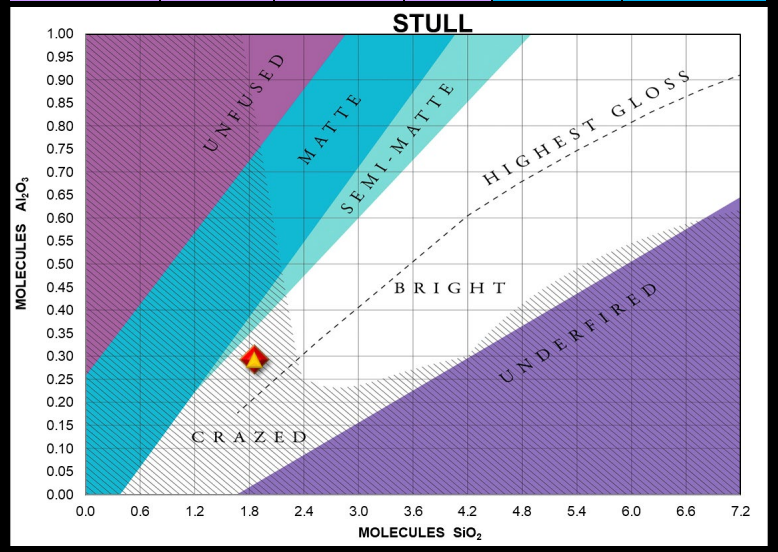
Oxidation

1-3 Second Dip

2-3 Second Dips

Reduction

SiO_2:Al_2O_3 Ratio 6.33 :1		Alkali Metals 0.32		Alkaline Earths 0.68	
SiO_2 1.86	Collective "Al_2O_3" 0.29	Na_2O 0.17	K_2O 0.05	MgO 0.00	CaO 0.01
B_2O_3	Al_2O_3 0.29	Li_2O	CuO	SrO	BaO 0.67
TiO_2 0.00	NiO	Bi_2O_3	SnO_2 0.09	ZnO	FeO 0.00
Cr_2O_3	ZrO_2	P_2O_5		MnO_2	CoO



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