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 +++ BSB Bartel Engobe Base +++  
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Range: Cone 1-3  
 Date: 06/19/05

Borax	18	4.5%
EPK	109.2	27.3%
Kentucky OM #4	54.4	13.6%
Gerstley borate	36.4	9.1%
Frit 3110	127.6	31.9%
Flint	54.4	13.6%
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	400	100 %

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 Chemical Analysis  
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Na2O	0.53	Al2O3	0.83	SiO2	5.03
K2O	0.05	B2O3	0.39	TiO2	0.02
MgO	0.05			Fe2O3	0.00
CaO	0.37				

Alumina:Silica ratio is 1.00 : 6.07  
 Neutral:Acid ratio is 1.00 : 4.14  
 Alkali:Neutral:Acid ratio is 1.00 : 1.22 : 5.05

Expansion coefficient: 72.3 x 10e-7 per degree C  
 Oxides causing abnormal expansion effects: B2O3