

Whittacre Greer – Dilatometer Analysis  
NBRC 5511

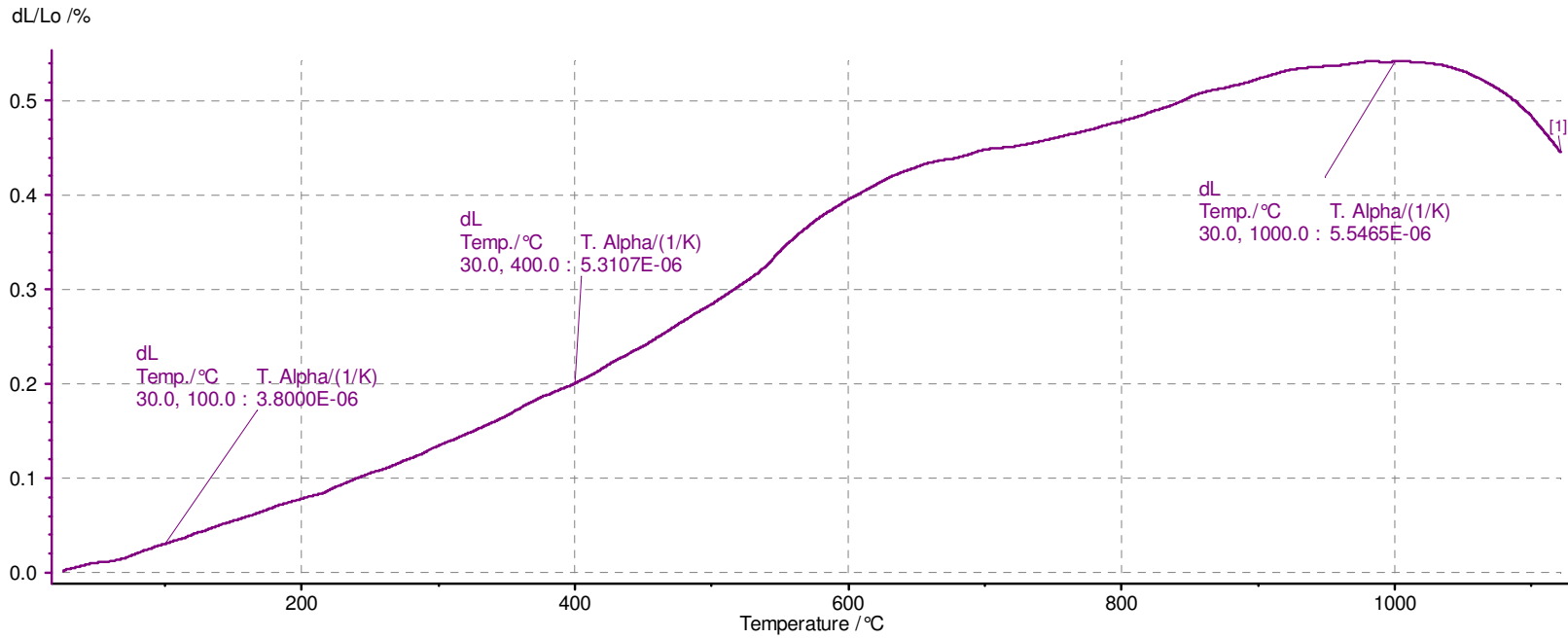


Figure 1 – Dilatometer Analysis of Fired Buff Firebrick

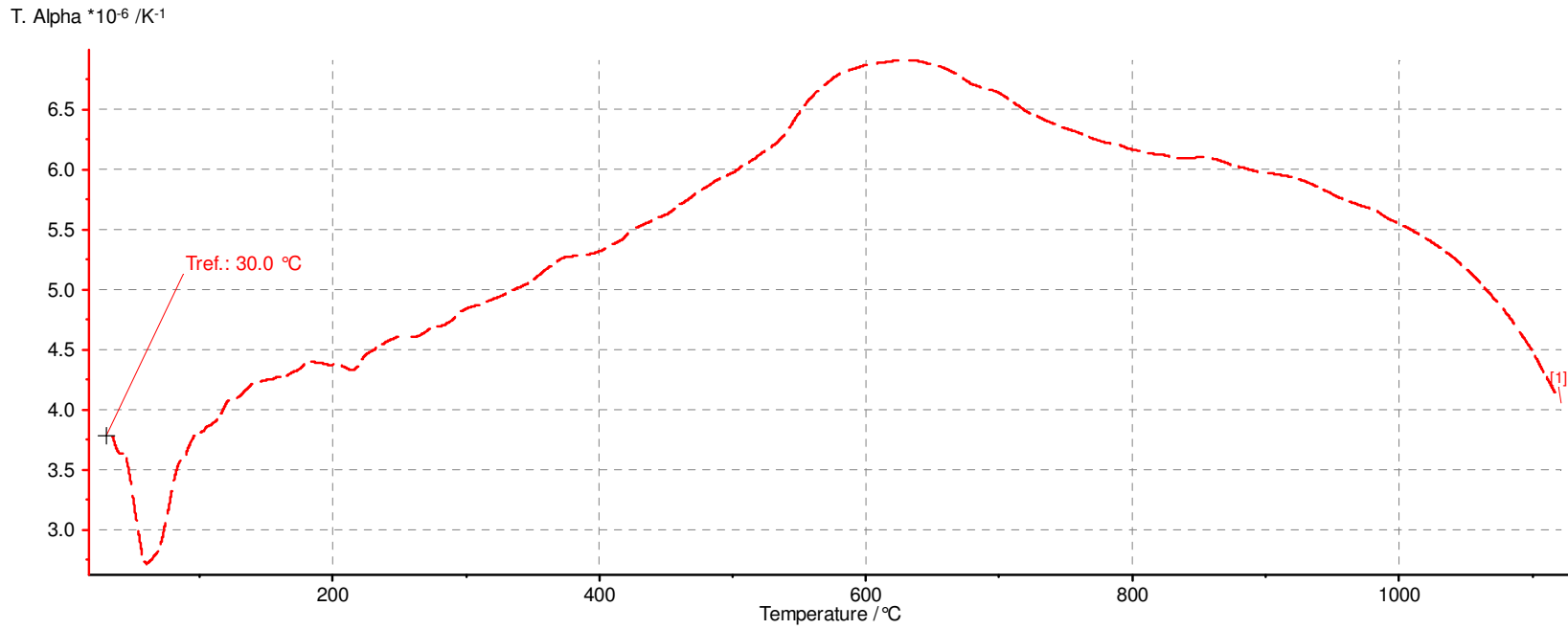


Figure 2 – Coefficient of Thermal Expansion for Fired Buff Firebrick

Temperature Range (°C)	Temperature Range (°F)	Coefficient of Thermal Expansion (in/in/°F or /°F)
30-100	86-212	2.11x10 <sup>-6</sup>
30-400	86-752	2.95x10 <sup>-6</sup>
30-1000	86-1832	3.08x10 <sup>-6</sup>