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Insley and was published as the October, 1933, issue of The Journal of The American Ceramic Society. These authors then followed with a supplement, published as the April, 1938, issue of the same Journal, and with another complete compilation which was published as Part I1 of the November, 1947, issue of this Journal.

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The partial vitrification process can be analyzed through a phase diagram such as that shown in Traditional ceramics - Traditional ceramics - Vitrification: The ultimate purpose of firing is to achieve some measure of bonding of the particles (for strength) and consolidation or reduction in porosity (e.g., for impermeability to fluids).

Traditional ceramics - Vitrification | Britannica

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Inorganic Phase Equilibrium Data | NIST

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Property Modification - Alloying - Phase Diagrams

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Negas, and Lawrence P. Cook (compiled by Geraldine Smith) Published by American Ceramic Society, (1981)

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