South Dakota School of Mines & Technology
Department of Materials and Metallurgical Engineering

MET 321 Homework #12

Characterize a batch composition of 70 wt% MgO, 20 wt % Al_2O_3, and the balance SiO_2 at

a) 2000 °C
b) 1800 °C

$MgO–Al_2O_3–SiO_2$

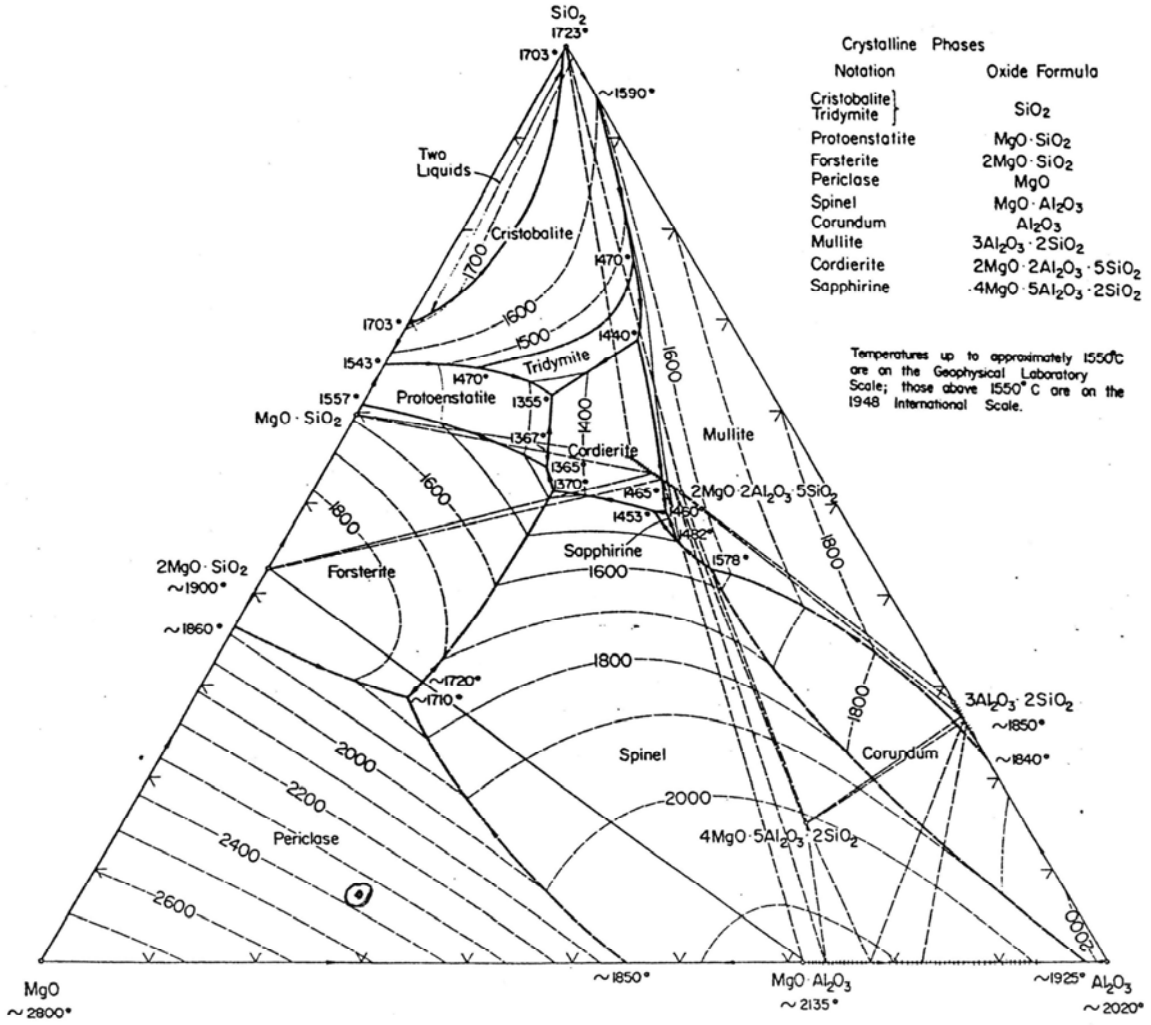

FIG. 712.—System $MgO–Al_2O_3–SiO_2$; composite.

E. F. Osborn and Arnulf Muan, revised and redrawn "Phase Equilibrium Diagrams of Oxide Systems," Plate 3, published by the American Ceramic Society and the Edward Orton, Jr., Ceramic Foundation, 1960.

Principal References

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