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W. M. White Geochemistry Chapter 7: Trace Elements November 21, 2007 263 typically 10⁻⁴ to 10⁻¹² STP cm³/g (10⁻¹ to 10⁻⁹ ppm).

Their solubility in silicate melts is a strong function of pressure, as well as both atomic radius and melt composition as is illustrated in Figure 7.4.

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William White teaches geochemistry as a Professor of earth and atmospheric sciences at Cornell University. He received a B.A. in geology from the University of California, Berkeley and a PhD in...

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In this chapter we will consider the behavior of trace elements, particularly in magmas, and introduce methods to model this behavior. Though trace elements, by definition, constitute only a small fraction of a system of interest, they provide geochemical and geological information out of proportion to their abundance.

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Professor of earth and atmospheric sciences at Cornell University. He received a B.A. in geology from the University of California, Berkeley and a PhD in oceanography from the University of Rhode Island. William M. White

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W. M. White Chapter 9: Stable Isotopes. Geochemistry 9.2.1.1 The Quantum Mechanical Origin of Isotopic Fractionations. It is fairly easy to understand, at a qualitative level at least, how some isotope fractionations can arise from vibrational motion.

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