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Most magmatic Ni–Cu–PGE sulphide deposits occur within long-lived magma pathways fed by high degree partial melts of the mantle. Holistic mineral-system analysis for such deposits has some parallels with dominantly hydrothermal systems, but also some. Economic geology is a mixtum compositum of all geoscientific disciplines focused on one goal, finding new mineral deposits and enhancing their exploitation. The keystones of this 451 Carlin-Type Gold Deposits in Nevada: Critical Geologic Characteristics and Viable Models JEAN S. CLINE, † University of Nevada, Las Vegas, 4505 Maryland Parkway, Box 454010, Las Vegas, Nevada 89154-4010 The primary uranium ore mineral is uraninite (UO₂) (previously known as pitchblende). A range of other uranium minerals can be found in various deposits. These include carnotite, tyuyamunite, torbernite and autunite. The davidite-brannerite-absite type uranium titanates, and the euxenite-fergusonite-samarskite group are other uranium minerals. A large variety of secondary uranium minerals are ... - Mineral Deposits Of China: Volume 1 & 2, 1990