

© Д. чл. В. В. МОРОШКИН, Н. В. ЛЕДЕНЕВА, В. А. РАССУЛОВ

ФИОЛЕТОВО-СИНЯЯ ЛЮМИНЕСЦЕНЦИЯ КАЛЬЦИТА И ДОЛОМИТА КАК ИНДИКАТОР УРАНОВОГО ОРУДЕНЕНИЯ

V. V. MOROSHKIN, N. V. LEDENEVA, V. A. RASSULOV. VIOLET-BLUE LUMINESCENCE OF CALCITE
AND DOLOMITE AS AN INDICATOR OF URANIUM MINERALIZATION

Всероссийский институт минерального сырья 109017, Москва, Старомонетный пер., 31

Luminescence of Ca carbonates was studied in its violet-blue field related to their own defects of crystal lattice. It is shown that these defects have mainly radiation origin; it means that violet-blue photoluminescence of calcite and dolomite may be used as an indicator-sign while prospecting for uranium ore mineralization.