11.6.0.02

Barton, P. B., Jr., 1956, Fixation of uranium in the oxidized base metal ores of the Goodsprings district, Clark County, Nevada: Econ. Geology, v.51, p. 178-191.

Many of the mines in the Goodsprings district, 30 miles SW of Las Vegas, exhibit anomalous radioactivity associated with limonite, hydrozincite, ferruginous chert and chrysocolla. Pennsylvanian dolomitized limestones are overlain by redbeds and aeolian sandstones. Pb and Zn occurs in the carbonates and uranium is associated with oxidized ore and gangue minerals. Laboratory studies indicate that uranyl complexes are absorbed by colloidal hydrous ferric oxide or basic zinc carbonate.

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Item 46

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ANALYSIS CARD

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