

## **Sandstone-Hosted Uranium Deposits of the Cebolleta Uranium Project, Cibola County, New Mexico USA**

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The Cebolleta uranium project is situated in the Laguna mining district of west-central New Mexico, USA. The district, which is the site of the very large Jackpile-Paguate uranium deposit, is the southeastern-most area of significant uranium production within the prolific Grants Mineral Belt, one of the largest concentrations of sandstone-hosted uranium deposits in the world.

The Cebolleta uranium project is the site of five discrete sandstone-hosted uranium deposits contained within the Jackpile Sandstone Member of the upper Jurassic Morrison Formation. The Cebolleta deposits are the northeasterly continuation of the Jackpile and Paguate uranium deposits that produced in excess of 80 million pounds of U<sub>3</sub>O<sub>8</sub>. The Cebolleta uranium mineralization, which has been defined by extensive historical drilling, two former open pit and three underground mines, occurs as a series of tabular shaped bodies that were deposited within individual sandstone lenses of the Jackpile Sandstone, which is a complex of sandstone channels deposited as part of an extensive braided stream environment. Uranium mineralization in the project area exhibits characteristics of “trend”, “redistributed”, and “remnant-type” deposits elsewhere within the Grants Mineral Belt. Significant uranium resources are present in the project area.