



Utah's Critical Minerals



Utah is a key player in critical mineral production, and home to 43 of the 54 critical minerals identified by the U.S. Department of the Interior. These elements are used in various arenas, including manufacturing and medical industries and resources for electrical generation.

Utah's Bingham Canyon mine, a major copper producer, started recovering tellurium as a byproduct in 2022. This mine, located in one of the most productive mining areas in the U.S., also produces platinum and palladium as byproducts. Bingham Canyon is now one of only two tellurium producers in the United States.

Utah is
one of just two states
in the country that has
recently produced
LITHIUM
which is used in

which is used in rechargeable batteries.



Several of Utah's Critical Minerals are used in the **nuclear power industry**, including beryllium, vanadium and zirconium.

In 2023 Utah reported an estimated mineral production value of

\$4.0 BILLION

Utah is consistently in the top states in the country for metals mining.

Utah is the **primary global producer** of **BERYLLIUM**

which is used in the aerospace, electronics and medical industries. Beryllium is sourced from the Spor Mountain mining district in Juab County, which is estimated to support Beryllium production for at least 75 years.



Spor Mountain Mining District near Delta

MINERALS CURRENTLY PRODUCED IN UTAH

Beryllium Platinum and Palladium Tellurium

PROSPECTIVE MINERALS IN UTAH

Aluminum

Fluorspar

Germanium and Gallium

Indium

Lithium

Magnesium

Vanadium

Zinc

FORMERLY PRODUCED MINERALS IN UTAH

Antimony

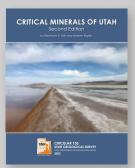
Arsenic

Barite

Bismuth

Manganese

Tungsten





Learn more about the types and applications of

the critical minerals found in Utah with the Utah Geological Survey 2023 Critical Minerals Report.



The first list of critical minerals in the United States was created during World War I. In 1917, the U.S. Geological Survey identified five key minerals - tin, nickel, platinum, nitrates, and potash - as scarce within the country and difficult to obtain due to the conflict.