

# Arizona Mining Powers Tomorrow's Innovations

Arizona's mining history began in 1583 when Antonio de Espejo made the first major silver discovery south of the San Francisco Peaks, near what some believe is present-day Jerome. Today, the state is a major producer of non-fuel minerals and is home to more than 400 active mines and quarries, including copper, lithium, iron, manganese, molybdenum, potash, limestone, silver, zinc, uranium and more.

## INDUSTRY HIGHLIGHTS



## RANKINGS & GROWTH



## ARIZONA'S MINING LEADERS



AND MANY MORE

## ECOSYSTEM HIGHLIGHTS



### World Class Lithium Research Center in Tempe, Arizona

Arizona Lithium's Research Center in Tempe, Arizona is focused on technological advancements in lithium processing and includes a 3,982-square-foot research laboratory and a 16,469-square-foot processing facility for lithium chemicals. This is in addition to Arizona Lithium's Big Sandy Lithium Sedimentary Project located in northern Arizona which produces 99.8 percent purity battery-grade lithium carbonate.

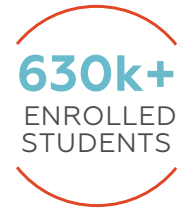


### South32's Hermosa Project in Southern Arizona

South32's Hermosa is currently the only advanced mining development project in the U.S. that could produce two federally designated critical minerals—manganese and zinc. South32's \$2.16 billion Hermosa project has the potential to be one of the world's largest zinc producers. Once completed, this infrastructure would support future development of other deposits at the site, including battery-grade manganese.

## WORLD-CLASS EDUCATION

Arizona's universities and colleges facilitate cutting-edge research and world-class programs, developing a highly skilled workforce to meet private sector needs.



### TOP OF THE CLASS



#1

METALLURGICAL ENGINEERING STUDIES IN THE NATION

CEO World Magazine, 2023

TOP 4

MINING ENGINEERING PROGRAMS IN THE NATION

QS World University Rankings, 2023



#1

MOST INNOVATIVE UNIVERSITY FOR 10 CONSECUTIVE YEARS

U.S. News & World Report 2016-2025

#1

GEOLOGICAL AND EARTH SCIENCES RESEARCH EXPENDITURES

National Science Foundation, 2021



AND MANY MORE



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