



FACTS

- Creates 3,700 direct and indirect jobs
- \$61.4 billion in economic benefits to Arizona
- Ore body more than one mile below the surface
- Copper yield will meet 25 percent of U.S. demand
- Production expected to begin in 2021
- Technologically advanced underground mining method

The mine is expected to generate \$61.4 billion in economic benefits to Arizona over its lifetime...

PROJECT OVERVIEW

A modern engineering marvel is taking shape deep below the surface of Southeast Arizona, three miles east of Superior. There, a mile underground, where rock temperatures reach 175 degrees, we are preparing to mine one of the largest* copper ore bodies ever found.

There appears to be enough of the red metal underground that, at full production, the Resolution Copper Project will produce more than 1 billion pounds of copper per year. Based on current usage, that's enough to meet 25 percent or more of the annual US demand for copper. The productive life of this extraordinary resource is estimated to be at least 40 years.



Water is treated and delivered to a local irrigation district

While astounding in its size and depth, the discovery of this porphyry deposit in 1996 comes as no surprise. The state of Arizona has always been rich in copper, and the deposit is located in the heart of the historic Pioneer Mining District. The nearby Magma Mine produced copper from 1912 to 1996, though that deposit was much closer to the surface where a simpler mining method was employed.

** In March 2010, Rio Tinto, Resolution Copper's parent company, reported an Inferred Resource of 1.624 billion tonnes of ore at a grade of 1.47 percent copper and 0.037 percent molybdenum. An Inferred Resource assumes there is a continuous mineralized body present based on geological evidence, but the actual mass of the mineralization is still unproven.*

For more information visit:
resolutioncopper.com
securearizonasfuture.com



RESOLUTION COPPER PROJECT PROFILE

More than
500 employees
and contractors
are already at
work on the
project.

ABOUT RESOLUTION COPPER MINING

Resolution Copper Mining (RCM) is a limited liability company owned 55 percent by Resolution Copper Company, a Rio Tinto PLC subsidiary, and 45 percent by BHP Copper, Inc., a BHP-Billiton PLC subsidiary. Resolution Copper Company is the manager of RCM.

Rio Tinto is a world leader in mining and exploration. The company discovers, mines, processes and supplies metals and minerals that make modern life work. Rio Tinto has 77,000 employees worldwide and activities in more than 40 countries.



Sinking of the #10 shaft is underway

SIGNIFICANT ECONOMIC IMPACT

The Resolution Copper mine will be a significant economic engine for the region, employing an estimated 1,400 workers directly while creating another 2,300 jobs indirectly. These jobs are projected to generate total wages of approximately \$220 million a year. The mine is expected to generate \$61.4 billion in economic benefits to Arizona over its lifetime, adding nearly \$20 billion to local, state and federal tax coffers.

ENVIRONMENTAL STUDIES

Currently in its pre-feasibility stage, the project has numerous technical and environmental studies being conducted in order to evaluate every alternative and formulate the best possible mining plan. Pre-feasibility studies are expected to be completed by the end of 2012 and will be followed by the feasibility stage, a two-year period in which more extensive studies will be done in compliance with the National Environmental Policy Act (NEPA).

Once the necessary environmental and operating permits are obtained—and there are more than 50 required to ensure the protection of natural, cultural and historical resources—construction will begin. Construction is anticipated to take about six years and will employ approximately 3,000 people. More than \$5 billion will be invested in the project before the mine produces its first pound of copper, which is expected in 2021.

We have dewatered the historic Magma Mine and are rehabilitating and modernizing the No. 9 shaft. The water retrieved from this legacy mine was treated and delivered to local farmers for use in crop irrigation. We're also currently sinking an exploratory shaft to 7,000 feet below the surface. More than 500 employees and contractors are already at work on the project.

Once we're ready for production, we will use an underground mining method known as panel caving, a form of block caving. This method accesses the ore from underneath through a series of deep shafts and tunnels. When operational, the Resolution Copper Project at Superior will be the deepest mine of its type in the world.

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