



ROSEMONT COPPER

A Bridge to a Sustainable Future.



TAILINGS: REUSED MINE ROCK

THE FACTS

ROSEMONT COPPER will minimize the visual impact of the project through use of mined rock. The innovative facility design and reclamation efforts begin the first year of operation. In addition, the operational footprint will be less than half the size of current mines in Arizona.



What is mined rock? Rock that is dislodged by mining activity yet contains no economically recoverable ore minerals. It's sometimes referred to as waste rock, but it is an important part of the mining reclamation work.

What are tailings? Tailings are ground rock that remains after the desired minerals have been removed from the ore. Rosemont will have dry tailings, a mining process which maximizes water conservation and allows immediate reclamation work.

How will the mine rock be used? Rosemont Copper will use the mined rock innovatively in its reclamation efforts by creating landscaped earthen berms. This will minimize visual impact of the project from travelers on SR-83 and surrounding area. A berm is an engineered earthen wall, erected both as a structural support and as a landscaping screen. Prior to the placement of the mined rock berms around Rosemont, the top soil is removed from the site and saved for the reclamation work. The berms will be contoured to blend with the local landscape, covered with top soil and seeded with native grasses and plants. Periodic onsite geochemical testing will be performed on the rock to make sure it remains stable.

How will the tailings be stored? Rosemont Copper will use a dry tailings disposal method. This allows the mining process to maximize water conservation and allow the site to start reclamation immediately, helping control dust generation and manage stormwater runoff sediments.

Beginning the first year of operations, dry tailings will be placed behind perimeter berms made from the mined rock. The modern facility design will provide secure, long-term storage of dry tailings in the immediate area of the pit, minimizing the overall footprint of the mine while accounting for site-specific factors including climate, geology, hydrogeology and seismicity. Dust suppression measures will be accounted for in both state-of-the-art facility design and by using physical controls.

Rosemont will comply with all applicable groundwater and environmental rules that regulate discharges to the air, water, and onto the ground so that the operations are managed and discharges are within healthful standards established by law.