

# RESOLUTION COPPER AND SAN CARLOS APACHE RESERVATION WATER RESOURCES



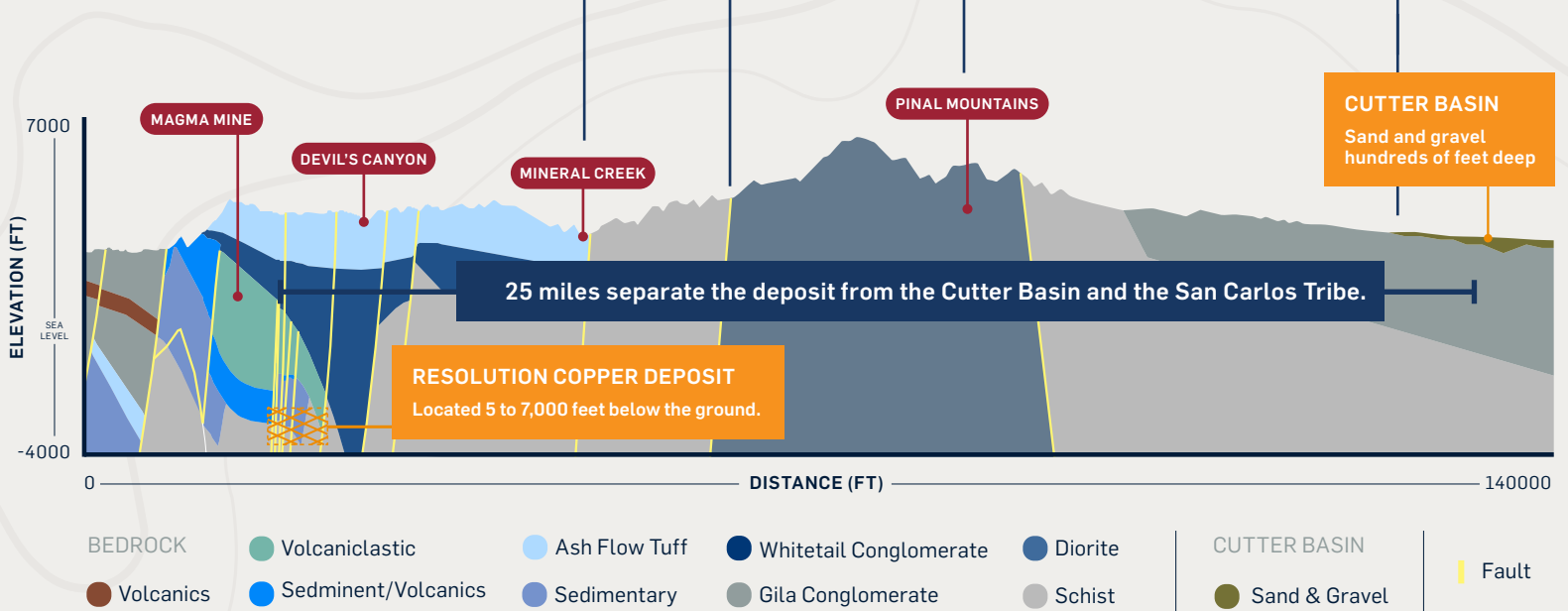
## Resolution Copper does not and will not withdraw water from within the San Carlos Apache Reservation or the Cutter Basin.

Resolution Copper does not have the physical infrastructure or legal authority to withdraw water from within the boundaries of the San Carlos Apache Reservation or the Cutter Basin. The Project's future water supply is from groundwater collected from approximately 7,000 feet deep in the mine and an area located 25 miles away from the San Carlos community.

Resolution Copper deposit and Cutter Basin have a completely different type of geology.

The deposit and Cutter Basin are separated by extreme topography, bounding faults and a major mountain range.

Cutter Basin is a completely separate and distinct groundwater basin with no hydrologic connection to the deposit.



# RESOLUTION COPPER WILL

Our project will use less than five gallons of water per pound of copper meaning every drop of water used at Resolution Copper goes further and brings more benefits to the region.



This means 2 to 10 times less water than other copper mines use in the region to produce the same amount of copper.



**Provided more than 7 billion gallons of water** to farmers in the New Magma Irrigation District, leaving more water in the ground for future use.



Apply the latest technology proven at our scale to increase water recycling and **reduce water consumption.**



**Transfer more than 5,400 acres of land** with critical water ways for nature to the federal government.



**Active and ongoing water monitoring** with Tribal members and local Community Working Group on baseline ground water.

## STATE OF THE ART WATER TECHNOLOGY

Resolution Copper's owners BHP and Rio Tinto announced a partnership agreement to accelerate the development of technology that could significantly reduce water and increase recycling.

The first project involves testing the application of an innovative large-volume filter unit at a BHP copper mine in Chile, which would recover and recycle up to 80% of water from tailings.

For its part, Rio Tinto will bring its experience in implementing smaller-scale tailings filters for bauxite residues at alumina refineries since 2005.

Both BHP and Rio Tinto agreed to work collaboratively with leading technology and equipment providers, technical experts, research groups and the academic sector.

More than just a plan on paper, the manufacturing of the filter unit is underway for pilot testing of larger scale, cost effective mining operations.

The additional water recovered from tailings by filtration can be re-used in processing facilities, reducing overall water consumption.



### Committed to transparency

Resolution Copper keeps our community informed using social media, mailers, and our website.

Email [info@resolutioncopper.com](mailto:info@resolutioncopper.com) or call **520.689.3409** with any comments, questions or concerns.

