



MINING & METALS

Northwest Demolition has broad experience in the decommissioning of mining and metal processing facilities. Although our emphasis is demolition and dismantling we have performed a wide variety of roles including; consulting assignments, remediation/environmental cleanup projects and asset sales/management.

The mining and metal industry is strongly focused on safety and quality of operations which aligns strongly with Northwest Demolition's core values. We understand the language of mining and metals and strive to provide a dependable outcome with our MSHA trained crews and our fleet of highly specialized machines. Northwest Demolition is part of the BROWZ contractor management program and is proficient in its workings as it relates to maintaining the supplier tracking system, and the management of subcontractors.

Mining and metals projects often involve work in remote locations with limited availability of contractor support. Northwest Demolition has decades of experience in planning and logistics for efforts in extremely remote settings.

EXAMPLE MINING & METALS PROJECTS



Cleaning & Demolition of Aluminum Smelter (British Columbia – Rio Tinto)

This 18-month project involved heavy rigging for equipment removal, building cleaning (vacuuming), hazardous materials abatement, hazardous waste management and full structural demolition of over 800,000 sf of heavy structures. Specialized equipment was used for the demolition; a high reach excavator played a key role in demolishing structures more than 120' in height eliminating the need for a crane on the project. The demolition produced approximately 24,000 tons of steel and 120,000 tons of concrete. The remote location and harsh climate made equipment maintenance, productivity and safety a challenge. Northwest Demolition was proud to be part of 1 million-man hours without a lost time injury on the project.



Molybdenum Processing Facility Decommissioning (Utah – Rio Tinto)

Included in the overall decommissioning project was the removal, marketing and sale of assets. More than \$8M in assets were sold for the owner prior to and in concert with the demolition process. The rigging and removal of assets was closely managed by Northwest Demolition. 54,000-man hours were worked on the site without a single recordable issue or first aid incident, making it an injury free project. As a result, Northwest Demolition was nominated as 2017 Rio Tinto Global Contractor of the Year.





Autoclave and Support Facilities Demolition (Nevada – Barrick)

Pacific Steel and Recycling contracted Northwest Demolition to demolish an autoclave building, oxygen plant, mill foundations, boiler, and a series of large tanks and mixers in Golconda, Nevada, for Barrick Gold. The demolition coincided with the removal of hazardous waste as well as recoverable materials.



Copper Mine Facilities Decommissioning Assessment (Utah – Kennecott)

Northwest Demolition was hired to perform a total decommissioning assessment of the Bingham Mine and infrastructure. This included abatement, decontamination and demolition of structures and involved a full take off of material quantities and recyclable values. The study included the Power House, the Mine Infrastructure, the Concentrator, the Refinery and the Smelter Complex.



Dolomite & Limestone Mine Decommissioning (Texada Island, Canada – Ash Grove Cement)

The project involved the removal of installed crushers, screens, transfer conveyors and truck dumps. Because of the remote nature of the project, Northwest Demolition crews were totally self-sufficient and all equipment and materials were delivered via barge. Per Canada Ministry of Mines, Northwest Demolition crews were required to staff the project with a Class 1 medic at all times.



Crusher Complex & Infrastructure Demolition (Round Mountain, Nevada – Kinross Gold Company)

Northwest Demolition was selected as part of a large mine expansion and modernization project. The project included the demolition and removal of significant facilities including crusher complexes, maintenance installations and other infrastructure. A portion of the work was required to be done with unmanned remote controlled demolition equipment due to hazardous site conditions.

