

# EQ RESOURCES

## ESG CASE STUDY

**EQ Resources decouples economic growth from environmental degradation by implementing a circular economy approach to its operations**

EQ Resources Limited (“EQR”) in Australia uses high-tech sensor-based sorting (X-ray transmission) to process historical stockpiles with low tungsten content. The ground-breaking technology enables us to economically extract the valuable raw material tungsten from the historic stockpiles and recycle the waste material, reducing the environmental footprint.

The application of sensor-based sorting allows the operation to maintain a large portion of the feed material in a larger size fraction which significantly reduces energy and water consumption on the downstream processes while producing aggregates for the EQR-owned quarry.

Together our experts are continuously working on optimising the process to maximise the recovery of tungsten and beneficially reuse the final waste rock as aggregates through EQR’s long-established quarry business. This operation focuses on a circular economy approach to the reprocessing of the historical stockpiles driving the production of tungsten as a critical mineral and quarry products for the development of the Far North Queensland region.

