

WHERE WILL MINING TAKE YOU?

A man with short brown hair, wearing clear safety glasses and a dark blue button-down shirt, is smiling at the camera. He is standing in a mining or industrial setting with various pieces of equipment and structures visible in the background. In the top right corner, there is a blue circular logo with the text "NSW MINING" in white. At the bottom, the text "University Qualified Metallurgist" is displayed in white.

**NSW
MINING**

University Qualified

Metallurgist

University Qualified



Metallurgist

Metallurgists are mineral experts specialising in the extraction of metals from their ores. They oversee, develop and test processes used in metal extraction and in the alloying and casting of materials to produce commercial metal products.

Metallurgists work in mines or mineral processing sites in collaboration with engineers and geologists, or in laboratories in a research capacity. Their role can include studying and applying physical methods for separating minerals from their ores using various techniques, working with operators of the plant to ensure efficiencies within the processes, develop and control methods of storing and treating waste material and preparing technical reports.

Metallurgists usually enjoy chemistry, physics, and mathematics, and have an interest in engineering. They also tend to be good communicators, verbally and in written form.

For this career, you'll need:

Bachelor's degree in Science with a major in Metallurgy or Engineering with a major in Metallurgical or Chemical Engineering.

Find out more: nswmining.com.au/education-and-careers