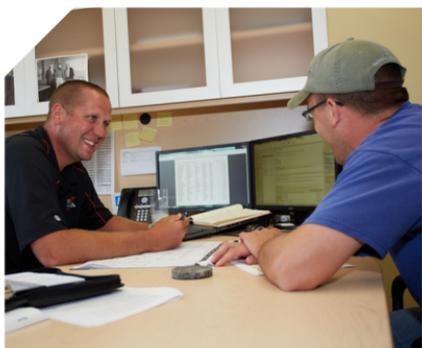


Careers in the mining industry: Part 1

Twin Metals Minnesota's proposed underground mining project will create thousands of construction jobs and hundreds – potentially thousands – of long-term mining jobs for generations of Minnesotans. Over the course of project development and mine operation, Twin Metals will employ Minnesotans within a variety of professions: geologists, engineers, carpenters, safety inspectors, mine designers, mapping experts, mechanics, electricians, miners, truck drivers, drillers, IT professionals, business administrators and more.

Twin Metals is already working with regional and state educational leaders to help prepare the proper training for the next generation of workers. In a two part series, we will highlight some of the careers in the mining industry that will be available during the lifetime of the project.

Geologists – Geologists study the composition, structure and history of the Earth's crust by collecting, examining, measuring and classifying samples of core. They help generate an understanding of what minerals are below the earth's surface and provide information for use in site selection and project design.



Mining and Geological Engineers – Mining and geological engineers do everything from designing mines to supervising mine construction, and are responsible for the safe, economical and environmentally sound operation of mines. They work closely with geologists to locate and appraise new ore deposits and use math and science to develop and implement improved ways of extracting minerals.

Safety Inspectors – A major role of the safety inspector is regular training, often focused on a company's health, wellness and safety plan, new safety rules and work practices that are designed to keep all employees safe and healthy while at work. The safety inspector is also responsible for conducting and documenting routine inspections of all work areas.

Electricians – Electricians install and maintain complex electrical systems to supply power for mine operations. They follow state and local codes to keep all equipment, wiring and fixtures safe and in operating order. This often involves inspecting electrical components, using testing devices to identify problems, and repairing or replacing parts of systems using hand and power tools.