The Young Mining Engineer

By Prof. C. E. Locke

Mineralogy may be looked upon as one of the oldest professions if we consider the beginnings of the mining industry. Even in the days of Rome, gold and silver weresearched for and mined. In modern times, mining has become a highly specialized field, requiring a thorough understanding of geology, metallurgy, and engineering. The professional mining engineer is responsible for the exploration, extraction, and processing of mineral deposits.

The mining industry is crucial to the economy, providing essential raw materials for various industries. From steel production to electronic devices, iron and copper are indispensable. The mining engineer plays a vital role in ensuring the sustainability of these resources.

Undergraduate Education

The mining engineering program at Tech is designed to prepare students for a successful career in the mining industry. The curriculum includes courses in geology, mineralogy, and mining engineering, equipping students with the knowledge and skills necessary to succeed.

Graduates of the mining engineering program are in demand in the mining industry, with opportunities in exploration, mining, and processing. Many graduates also pursue advanced degrees in engineering, business, or related fields. The demand for mining engineers continues to grow, making this field a rewarding career choice.