Mining and Geological Engineers, Including Mining Safety Engineers 17-2151.00

No.



Description: Conduct subsurface surveys to identify the characteristics of potential land or mining development sites.

Other Resources:

ONET Link

MyNextMove Link

Sample of Reported Job Titles: Mine Engineer, Mining Consultant, Mining Engineer

Job Zone

Title: 4 - Considerable Preparation Needed

Education: Require a four-year bachelor's

degree.

Experience: A considerable amount of work-related skill, knowledge, or experience is needed.

Training: Several years of work-related experience, on-the-job training, and/or vocational training needed.

Core Certifications: Certified Mine Safety

Professional

Hot Technologies: Autodesk AutoCAD, Carlson SurvCADD, Computer aided design and drafting CADD software, Enterprise resource planning ERP software, Microsoft Access

Region	Employment	Location Quotient	Median Wage
Illinois	100	0.35	\$79,640
USA	7,370	-	\$97,090



Importance Top 5 Core Tasks According to Current Job Holders Frequency (out of 100) More than Prepare technical reports for use by mining, engineering, and management personnel. monthly More than Inspect mining areas for unsafe structures, equipment, and working conditions. yearly Select or develop mineral location, extraction, and production methods, based on factors such More than as safety, cost, and deposit characteristics. yearly Select locations and plan underground or surface mining operations, specifying processes, More than labor usage, and equipment that will result in safe, economical, and environmentally sound yearly extraction of minerals and ores. More than Prepare schedules, reports, and estimates of the costs involved in developing and operating monthly mines.

