

MINING AIDE INTERMEDIATE

KIND OF WORK

Intermediate para-professional, technical mining engineering work.

NATURE AND PURPOSE

Under general supervision, an employee in this class is responsible for performing routine and moderately difficult duties in a wide range of field, laboratory, and office assignments assisting professional and technical mining engineering personnel. Assignments are specific in nature and require use of some independent judgment. Work is reviewed for technical accuracy, quality, and quantity by higher level Mining Aides or engineers. Performs related work as required.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Performs moderately difficult survey work by taking cross sections, locating drill holes, shovel cuts, stockpiles, property and section lines, and subdivision corners.

Inspects less difficult mining projects or assigned portion of other major mining projects.

Performs responsible sampling of pit, stockpile, plant or field investigative studies.

Performs moderately difficult drafting so that mining maps and plat may be prepared.

Performs responsible sizing, grinding, gravity and magnetic separation tests and assists in the quantitative and qualitative analysis of ore samples.

Assists in moderately difficult geological, geophysical, and geochemical studies and surveys.

Makes technical computations in compiling test results and assisting in making reports.

### KNOWLEDGE, SKILLS AND ABILITIES

#### Knowledge of:

Ores and technical mining engineering practices sufficient to perform moderately difficult tests and surveys.

Technical mining engineering design and field survey principles sufficient to perform moderately difficult design and survey support work.

Laboratory instruments and equipment sufficient to set up and prepare samples for testing and assist in analysis.

#### Ability to:

Perform moderately difficult technical computations and compile data, making use of statistical analysis sufficient to provide accurate information to support mining engineering efforts.

Understand and follow oral and written instructions sufficient to carry out assignments.

### SPECIAL WORK CONDITIONS

Positions in this class may require the employee to lift and handle light to medium weight materials, such as tools, equipment, and ore samples. The work environment may include exposure to dust, dampness, heat, noise, as well as occasional exposure to adverse weather conditions (cold, heat, snow, rain, wind).

Est: 04/75

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