

## MINING AIDE

### KIND OF WORK

Beginning para-professional, technical mining engineering work.

### NATURE AND PURPOSE

Under general supervision, an employee in this class performs routine and moderately difficult duties to assist resource specialists on in a wide range of field, laboratory, and office assignments such as field reconnaissance and drilling projects, including sample preparation and data entry. Assists Division staff on survey projects, construction of research projects, tasks associated with the drill core library, organization of Division data and maps, and other miscellaneous projects.

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.)

Works with resource specialists in conducting geological, geophysical, and geochemical studies and surveys by assisting on all phases of field work, such as operating field equipment; collecting and labeling of drill core samples, rock outcrop samples, geochemical samples and geophysical data; splitting and processing samples and keeping accurate detailed sample reports.

Catalogs and organizes samples so appropriate sample preparation methods may be conducted.

Makes technical computations in compiling test results; inventories and archives sample data; and enters data and scans maps into appropriate databases to assist in making reports and maps.

### KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Basic knowledge of geological or engineering practices, field surveying, drafting, sampling and reading technical instruments sufficient to assist resource specialists.

Knowledge of computer data bases sufficient to enter field and sample data, and computer software to sufficient to transfer files to make maps for projects.

Ability to use surveying, drafting and most commonly used laboratory instruments and to maintain and repair drill rigs and other equipment associated with field projects.

Ability to perform technical computations and compile data, making use of simple statistics sufficient to support mining engineering efforts.

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

#### LEGAL AND LICENSURE REQUIREMENTS

Class A driver's license.

#### 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.: 7/5/76

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T.C.:

Former Title(s):