

GEOLOGIST ASSISTANTKind of Work

Responsible work of a technical nature assisting generally in Geological and Mining operations.

Distinguishing Features of Work

An employee in this class assists professional staff generally in the performance of a variety of more simply technical tasks relating to geological and mining operations. Most of the duties are learned on the job, both in the field and in the office. Emphasis is placed upon accuracy on the development of several technical skills. Assignments are generally performed in accordance with well defined procedures and work is reviewed by a professional superior for accuracy and conformity with established standards.

Examples of Work

Assists generally in Geological Surveys, evaluation and other related duties.

Assists a Mining Inspector generally and acts for him during his absence.

Prepares geological slides; gravimetric separation of rock particles.

Makes preliminary analyses of rock samples, catalogue samples from Geologist and Oil Companies and stores them properly.

Maintains laboratory geological equipment and ensures that they are repaired when necessary.

Clears from the Customs, Laboratory and field equipment and samples of laboratory equipment and transships when necessary.

Assists in keeping records of quarries on crown lands and other places.

Performs related work as required.

Required Knowledges, Skills and Abilities

Some knowledge of the principles and practices of geological and mining operations.

Some knowledge of the standard instruments, equipment and materials used in Geological and mining operations.

Ability to apply the basic theory and principles of geology to the performance of technical tasks.

Ability to perform basic and standard laboratory tests.

Ability to prepare and read plans and make calculations of varying complexities.

Ability to lay out and prepare geological and structural cross sections.

Ability to establish and maintain effective working relationships with other employees.

Minimum Experience and Training

Technical experience in geological laboratory work, engineering geology, surveying, or any related field; and training as evidenced by possession of a General Certificate of Education, Ordinary Level, with passes in five subjects including Mathematics, Chemistry and Physics; or any equivalent combination of experience and training.

