

SURVEYOR

DO YOU LIKE TO BE DETAILED AND ACCURATE? WOULD IT BE SATISFYING TO TAKE MEASUREMENTS THAT LET GEOLOGISTS AND MINING ENGINEERS DO THEIR JOB PROPERLY? WOULD YOU FIND IT COOL TO WORK UNDERGROUND EXPLORING THE INSIDE OF THE EARTH?

Mine surveyors are responsible for preparing and updating the entire surface and underground plans of a mine on a monthly basis. They plan the direction and extent of all underground workings, and use advanced surveying techniques and instruments to give these directions underground.

JOB DESCRIPTION

SURVEYORS CAN WORK IN THE EXPLORATION SIDE OF MINING OR AT A MINE SITE.

EXPLORATION

- The surveyor may assist with exploration programs in laying out survey grids, drill hole locations, claims boundaries, etc.
- They may also survey town sites, claims, surface infrastructure, etc.

MINE SITE

- Mining surveyors are technicians who carry out various tasks to assist the geologists and the mining engineers in an underground or open-pit mine.
- An operating mine is a site on which the configuration of the ground constantly changes as material is excavated. The engineers and geologists need to have maps and topography constantly updated with the changes. Surveyors go out into the pit or underground on a shift by shift basis to take measurements to provide updates on mining progress.

COMPENSATION

2007 CHIEF SURVEYOR

Average Annual Salary: **\$65,000**

WHY ARE PEOPLE ATTRACTED TO THIS CAREER?

- The opportunity to **work anywhere in Canada (or the world)**. (Relocation allowances are generally provided.)
- Independent thought and work.
- **Financial rewards** for high achievers.
- Opportunities for training and **career advancement and continuous learning**
- Chance to provide detailed, accurate reports that are essential to mining production

LIFESTYLE EXPECTATIONS

[WITH SOME POSITIONS IN SOME COMPANIES]

- **BE WILLING TO WORK IN AND TRAVEL TO REMOTE LOCATIONS. LIVING CONDITIONS FOR EXPLORATION SURVEYORS MAY SOMETIMES BE QUITE BASIC.**
- **READY TO WORK SHIFTS**
- **IF MINE IS IN REMOTE LOCATION:**
 - i) Time away from family for extended periods
 - ii) Live with work colleagues on a 24/7 basis for 2-3 weeks at a time, with 2-3 weeks off between work schedules
- **MINE MAY BE IN A RURAL COMMUNITY, WITH AN OPPORTUNITY TO ENJOY THE OUTDOORS, HUNTING, FISHING, HIKING AND SO FORTH**

PERSONAL ATTRIBUTES

SOMEONE GOING INTO THIS LINE OF WORK SHOULD:

- i) Have a strong orientation to detail and accuracy
- ii) Have an excellent spatial orientation-sense of space/direction/elevation, etc.
- iii) Be a team player and communicate well with others
- iv) Enjoy working with people from different cultures
- v) Possess a strong procedural orientation -like following steps in order
- vi) Have good computer skills
- vii) Be hands-on, problem-oriented, methodical, cautious
- viii) Have a high level of respect for established safety procedures and regulations
- ix) Accept challenges (such as a variety of working conditions, some severe) with patience, flexibility, adaptability, and fortitude
- x) Be adaptable to established work practice and standards
- xi) Embrace new techniques and technologies
- xii) Be organized and neat in their work habits
- xiii) Be physically fit and mobile

CAREER PROGRESSION OPTIONS: SURVEYOR

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EDUCATION AND TRAINING

- Mine Technician/Technologist diploma
- Initial positions will be considered junior until after 1 – 2 years experience.
- Specialized on-site training as needed

