

Mining Surveyor

A Mining Surveyor measures and collects data about land boundaries, and about the size, shape, position and contour of natural and man-made features.



Overview

Mining Surveyors are involved in the accurate measurement and recording of mine workings. They are critical to the design, planning and safety of surface and underground mining activities, and relied on for accurate representation.

It is a job well suited to those who are good at maths and science, enjoy analysing and interpreting geographical data and have good physical fitness.



Day-to-day

- Responsible for the development and maintenance of the surface and underground mapping of a mine
- Provide and maintain the direction of underground workings using advanced surveying techniques and instruments, including drones
- Map where excavations are to be undertaken by pegging out drill patterns in open cut mines
- Undertake surveys to calculate ore stock volumes, tailings dam capacities and similar areas where materials are being moved and are critical to business operations
- Prepares reports for conveyance and land ownership

To become a Surveyor

There are many avenues to commencing a career in mining surveying. Typically, you would complete a degree in surveying, spatial or geospatial science, or geographical information systems at university. A tertiary education often covers a diverse range of surveying specialties however graduates who choose mining surveying as a career usually gain mining surveying knowledge from practical exposure at a mine site.

www.minesurveyors.com.au

www.yourcareer.gov.au



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