



Senior Resource Geologist

Description

To complete the tasks and responsibilities of a Senior Resource Geologist. Broadly this will involve working within multi-disciplinary project teams comprising civil, geotechnical and mining engineering and participating in workgroup initiatives including technical activities and business development.

Qualifications

Degree in geological sciences preferred; other qualifications may be acceptable. Post graduate qualifications preferred.

Competency and Experience

Highly competent in the aspects described in typical activities below, and will most likely to have held a Senior Resource Geologist position at a large mine site. Experience in one or more of base metals, precious metals, coal or industrial mineral resources is desirable.

Typical Activities

- Compositing and validating drillhole data suitable for database creation
- Auditing of drillhole databases as part of Scoping, Feasibility or due diligence studies
- Use of statistical tools to create summary reports, frequency tables and probability plots
- Use of geostatistical tools to generate variograms
- Grade estimation using both geostatistical and non-geostatistical methods
- Creating and manipulating wireframes of complex orebodies for 3D visualisation and volume calculations
- Creating block models containing geological, structural and grade information required for resource/reserve estimation and planning
- Evaluating block models and drillholes against strings or wireframes to calculate summary volumes, tonnes and grades within a defined volume

- Attending professional conferences and representing the organisation at other events
- Business development
- Build / manage a team of geologist under your supervision
- other related duties, provided that they are consistent with your skills, competencies and expertise

General Responsibilities

- Client liaison, presentation of both interim and final results
- Preparation of draft reports for review by the Project Manager or Principal Geologist

Key Performance Indicators

Key Performance Indicators include:

- Completion of allocated tasks within the time frame and budget set for the task
- Adherence to Quality and OHS procedures
- Focus - excellent time management skills
- Well developed technical report writing
- Well developed presentation, communication and teamwork skills