

Shaping the future

Principal Advisor: Geometallurgical Projects (Fixed term – 1 year)

An exciting opportunity exists for a Principal Advisor: Geometallurgical Projects reporting to the Manager: Mining Operations. The primary purpose of this role is to effectively manage improvement projects at the mining-processing interface by ensuring all geological/geochemical, ore handling, metallurgical and infrastructure factors are adequately considered throughout the different stages of the projects. The role will assess suitability of proposed solutions for mitigating the identified risks, which will include the design, co-ordination and implementation of suitable proof-of-concept test-work programmes leading up to implementation of the projects.

Key performance areas

- Ensure that the section complies with and adheres to all company HSEC policies, standards and objectives;
- Plan and co-ordinate Geometallurgical improvement projects;
- Lead and support the development and adaptation of innovations to existing processes;
- Develop and co-ordinate Geometallurgical test-work programmes for ore-feed quality control improvement projects;
- Design and manage QAQC programmes for test-work operations and post-implementation;
- Manage test-work database, project documentation and conducting data analytics;
- Review project cost on a monthly basis and address variances; and
- Identify and implement HSE and productivity improvements plus cash generation.

Minimum qualifications

- Grade 12 with 20 points;
- A recognised Bachelor's degree with Honours in Geology, Chemical, Metallurgical or Mineral Process Engineering;
- Ten years' work experience in mining production geology or metallurgical/process engineering of which five years should have been practical experience in mining and processing systems, grade control and reconciliation;
- Three to five years' work experience in granite hosted uranium or similar deposits is desirable;
- Previous experience in a Geometallurgical role is a definite advantage;
- Experience in feasibility studies or project evaluation/development;
- Strong project and contract management experience; and
- Valid code BE (08) driver's licence.

To apply

Please go to the following website www.riotinto.com/careers/ and search for Principal Advisor: Geometallurgical Projects

Application closing date: 14 December 2018