

# Shaping the future

## Engineer Tailings Storage Facility

An exciting opportunity exists for an Engineer: Tailings Storage Facility (TSF) reporting to the Manager, Processing. The primary purpose of the role is the responsibility of day to day monitoring of piezometers and all the Quality Assurance/Quality Control (QA/QC) aspects of TSF, sequencing of paddocks and regular update of deposition plans, freeboard assessments, design reviews and dam break studies, implementation and commissioning of operational and capital projects.

### Key performance areas

- Adheres to all Health, Safety and Environmental (HSE) policies and procedures;
- Provide technical support and advise to the Superintendent Tailings Storage Facility and Water Management and the Foreman Tailings Dam Operations;
- Plan and schedule management of change to ensure that designs eliminate or mitigate HSE risks that are identified during the various project stages;
- CPTU testing and installation/monitoring of Piezometers;
- Implementation and monitoring of QA/QC protocols for TSF operation;
- Freeboard assessment;
- Dam break study assessment and reviews
- Initiate cost saving ideas aimed at reducing overall area and mine costs; and
- Recommends improvements to processes and discuss these with relevant parties involved in the process.

### Minimum qualifications

- Grade 12;
- A recognised Bachelor Engineering (B Eng) or B Tech degree in Civil Engineering or Geotechnical Engineering;
- A minimum of three years' post qualification working experience is required;
- Experience in tailings storage facility design and operations will be an added advantage; and
- A Code BE driver's licence.

### To apply

Please go to the following website: [www.riotinto.com/careers/](http://www.riotinto.com/careers/) and search for Engineer: Tailings Storage Facility (TSF)

**Application closing date – 16 February 2018**