

Project Summary

Step Change Project

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| CLIENT | Rio Tinto |
| LOCATION | NSW |
| PROJECT VALUE | Undisclosed |

Project Description

Prefeasibility design of preferred water source option for expansion of Rio's Northparkes Mine. Hydraulic modelling, water hammer analysis, concept design, control philosophy, drawings, estimates and report for 75 km of DN 750 and 35 km of DN 600/450 trunk pipelines, tanks, pumping stations, river intake and bore fields.

Facets of work completed include:

- Pipeline hydraulics and modelling
- Water hammer/Surge/Transient analysis
- Preliminary Pipeline design and documentation
- Preliminary Pump station design

