DALGARANGA GOLD PROJECT

SCOPE OF WORK

GR Engineering was appointed by Gascoyne Resources to undertake the engineering, design, procurement and commissioning of its new gold processing facilities for the Dalgaranga Gold Project. The project required the development of a process plant capable of treating 2.5 Mtpa of ore.

The scope of work consisted of the design, procurement, construction and commissioning of a single stage crushing circuit, a fine ore bin and emergency reclaim stockpile and a grinding circuit consisting of a 6,500 kW SAG Mill. The gold recovery circuit consists of both a gravity circuit containing a gravity concentrator and intensive cyanidation unit and a conventional Carbon in Leach (CIL) arrangement consisting of six CIL tanks. The stripping circuit is a 8 tonne capacity Split Anglo (AARL) elution circuit and gold is ultimately recovered from the cathodes of the gravity and elution electrowinning cells located in a purpose built gold room.

Other infrastructure that formed part of the scope included tailing transfer and distribution pipework, decant water pumps and pipework, pit dewatering pumps and associated piping, workshop and stores buildings and HV power distribution network.

Commodity: Gold
Region: Australia
Location: 70 km west of Mt Magnet in the Mid West region of Western Australia
Project Type: Greenfields, lump sum contract

Client: GNT Resources Pty Ltd, a subsidiary of Gascoyne Resources Limited (ASX: GCY)
Award Date: March 2017
Completion Date: May 2018
Project Manager: Andrew Bennett
Process Manager: Bill Gosling