



## MT MORGANS GOLD PROJECT

### SCOPE OF WORK

GR Engineering was appointed by Dacian Gold Limited (DCN) to undertake the engineering, design, procurement, construction and commissioning of the Mt Morgans Gold Project (MMGP) consisting of a gold processing plant and its associated infrastructure.

The processing plant is designed to treat an ore throughput of 2.5 Mtpa. The grinding and wet plant circuits are designed to process ore at the treatment rate of 313 tph. Ore will be processed through a single stage crushing circuit, with the crushed ore stored on a coarse ore stockpile with a live capacity of approximately 5,000 tonnes. Coarse ore is ground in a two stage grinding circuit that comprises both a SAG mill and a ball mill. The ore slurry from the grinding circuit is classified via the hydro cyclones and the cyclone underflow reports to the gravity circuit comprising of gravity concentrators and an intensive cyanidation unit.

Overflow pulp from the cyclones flows via a trash screen to the leach feed thickener where it is thickened and then pumped to the leach and adsorption area where it is leached with cyanide in a seven stage Carbon in Leach (CIL) circuit. Gold is stripped from the loaded carbon using a split AARL elution system and electrowinning cells.

The \$107.5 million Guaranteed Maximum Price (GMP) contract was awarded to GR Engineering in January 2017, with completion successfully achieved in March 2018.

The scope included the turnkey delivery of the project including project management, design, procurement, construction and commissioning of the process plant facilities, tailings storage dam, raw water borefields, mining infrastructure and roads.

**Commodity:** Gold

**Region:** Australia

**Location:** Laverton, Western Australia

**Project Type:** Greenfields, EPC design and construct

**Client:** Dacian Gold Limited (ASX: DCN)

**Award Date:** January 2017

**Completion Date:** March 2018

**Project Manager:** Peter Yates

**Process Manager:** Bill Gosling