



THUNDERBOX PASTE PLANT PROJECT

SCOPE OF WORK

Saracen Gold Mines Pty Ltd (SGM) has engaged GR Engineering to undertake the design, engineering, procurement, construction and commissioning works for the Thunderbox Operation Paste Plant Project. Thunderbox is located in the North Eastern Goldfields region of Western Australia, 41 km south-east of the town of Leinster immediately adjacent to the sealed Goldfields Highway.

The scope of works for the Project to be performed by GR Engineering is to design and construct a new paste plant facility capable of producing 150 m³/h of cemented paste for filling stopes underground.

The scope of work comprises the design, supply, fabrication, installation, commissioning and handover of all works necessary to construct the paste plant facility. Works will include but not be limited to:

- Bulk earthworks;
- Concrete works including the establishment of concrete batching facilities and the supply of materials as required;
- Structural steel and plate work supply, surface treatment and erection;
- Piping supply, surface treatment and installation;
- Electrical and control system supply and installation;
- Commissioning and vendor attendance at commissioning;
- Supply of temporary construction power.

Commodity: Paste Fill

Region: Australia

Location: 41 km south-east of Leinster,
Western Australia

Project Type: Brownfields, EPC design and
construct

Client: Saracen Gold Mines Pty Ltd

Award Date: June 2020

Completion Date: April 2021

Project Manager: Peter Parsons

Process Manager: Kane McDiarmid