



## WASSA PASTE BACKFILL PROJECT

### SCOPE OF WORK

Golden Star Resources Limited (GSR) owns and operates the Wassa gold project located 150 km west of Accra, the capital of Ghana in West Africa. After participating in a tender process, GR Engineering Services was awarded an EPC contract to undertake all design works (including a substantial underground reticulation network to gravitate paste to stopes) and supply all equipment and materials necessary to construct and commission the paste plant. GSR are responsible for the supply and installation of all concrete works and the erection of the facility - with technical assistance from GRES personnel who will also assist with commissioning.

The paste plant is designed to produce 133 m<sup>3</sup>/h of backfill and incorporates two duty and one standby 120 m<sup>2</sup> ceramic disc filters. The ceramic filters are more power efficient than traditional fabric bag disc filters and require less routine maintenance. The paste plant also includes a 25 m diameter thickener, a 1,000 tonne capacity binder silo and associated binder dosing systems.



**Commodity:** Paste Backfill  
**Region:** Africa  
**Location:** 150 km west of Accra, Ghana  
**Project Type:** Brownfields, lump sum contract

**Client:** Golden Star Resources Limited (TSE: GSC)  
**Award Date:** July 2019  
**Completion Date:** August 2020  
**Project Manager:** Peter Parsons  
**Process Manager:** Mark Roberts