



Grande Cote Project - Civil Earthworks, Senegal

PDLA10

Following the successful completion of the first phase of the Grande Cote Operations project, the DIG IG team also completed works on the second phase of the works. A significant portion of the project involved the excavation and structural concrete works for the mineral separation plant. This consisted of concrete structures for a wet and dry mill (including suspended slabs), product handling facility, illmenite storage and a train load out; the total volume of the works exceeding 10,000m³ of structural concrete. In order to meet the demands of the project as well as the strict quality standards defined by the Client, the DIG IG team set up their own independent batching plant which, at peak, was able to consistently batch an average of 50m³ per hour.

In addition to the structural concrete works, the DIG IG team also installed and tested over 7500m of high pressure HDPE pipelines varying from 50mm to 600mm in diameter. The underground services were a vital part of the project, supplying fire, potable and process water lines to key areas of the site as well as carbon steel fuel lines for the on-site power station.

Due to the location of the project, the DIG IG team was constantly presented with a number of logistical challenges but by working closely with a dedicated logistical department both in the UK and Senegal we were consistently able to meet very strict deadlines and supply vital resources to the remote project.



Client: Grande Cote Operations

Value: \$18,000,000

Duration: 48 weeks