



Graphite

GRAPHITE OPERATIONAL READINESS PLAN

Client: *Black Rock Mining Limited*
 Duration: 3 months (2022)

Project Team:

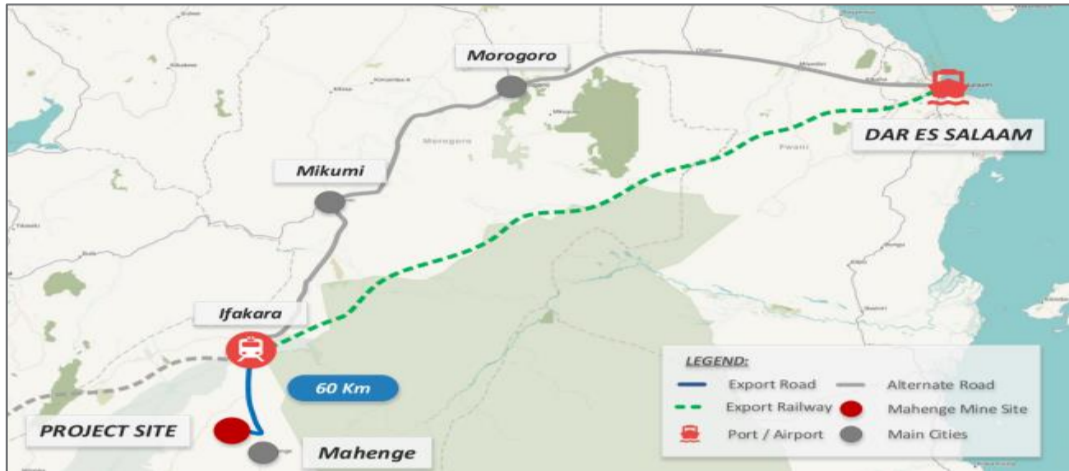


FIG 1: Image from the project



Strauss Oosthuizen
 PRINCIPAL INDUSTRIAL ENGINEER



Jaco Duvenhage
 PRINCIPAL PROJECT MANAGER



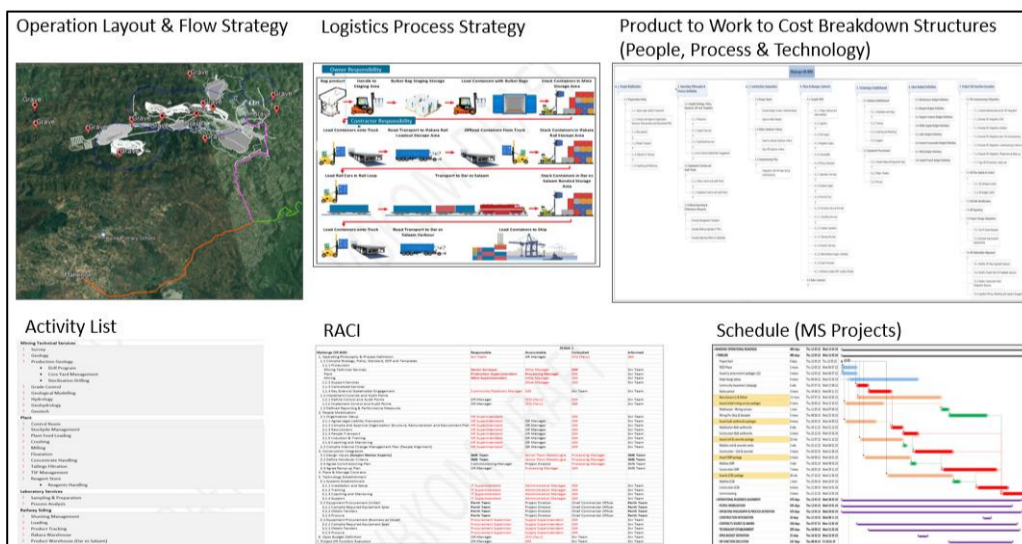
Tiaan Ackermann
 CONTRACT MANAGER

CLIENT NEED

VBKOM was appointed by Black Rock Mining Limited to provide an Operational Readiness Plan (ORP) and Project Execution Plan (PEP) for the Mahenge Graphite Project located in Tanzania.

APPROACH

The ORP addresses the operational preparation activities to prepare for the commissioning, ramp-up and steady state operation of the first stage of the project.



VALUE DELIVERED AND RESULTS

As part of the Operational Readiness Project Execution Plan (PEP) the following was delivered to the client:

- > OR WBS
- > OR actions with RACI allocations
- > OR Schedule (incorporated into the Project Schedule)
- > OR Budget
- > Weekly progress meetings with the client

FOCUS AREAS

- > Operational Readiness Philosophy, Policy, Processes and Procedures Definition
 - > Development of the main operating philosophy for all the operating areas of the mine
- > People Mobilisation
 - > Community Relocation and Grave Relocation
 - > Recruitment and appointment of staff
 - > Accommodation for the staff
 - > Transportation of the staff
 - > Site access and Induction for the staff and visitors
- > Construction integration
 - > Completion of the engineering designs and specifications
 - > Approval and preparation of construction drawings
 - > Appointment of contractors
- > Technology Establishment
 - > Selection of technology and IT infrastructure to successfully manage and control the operation after the construction phase, including human resources, operations, maintenance, supply, logistics and financial management
 - > Negotiations with the national telecommunications provider
- > Project Operational Readiness Function Execution
 - > OR Management and Control
 - > Commissioning Integration



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