



Client: OMI Solutions  
Services: Stormwater Management Plan & Engineering Design  
August 2022

## Spitzkop Mine - South Africa

SWMP & Engineering Design

### The Task

Nurizon was tasked with developing a Stormwater Management Plan, and Engineering Design for a Waste Rock Dump, which also included the design of associated infrastructure such as silt retention ponds and river diversion systems.

### Design Services

Nurizon's scope of services included the following:

- Geotechnical Investigation
- Stormwater Management Plan (SWMP)
- Flood line Determination
- Waste Rock Dump Design
- River Diversion Design
- Silt Retention Facilities

### Location

The proposed Spitzkop Platinum Mine is situated adjacent to the eastern foothills of the Leolo Mountain range, within the southern precincts of the Steelpoort Valley. This location not only provides an optimal and strategic geological setting for mining activities but also integrates within the surrounding environment and allows effective access to the mine utilising existing road infrastructure.