

Rehabilitation Map

Legend

- Barriers**
— FENCE
- River**
■ NON-PERENNIAL CENTER LINE
- Roads**
· TRACK FOOTPATH
- Western Cape Province
■ Central Karoo - District Municipality
■ Beaufort West - Local Municipality
■ Wards no - 2
■ 100m buffer
■ Magisterial districts
■ Administrative regions
- Progressive & Final Rehabilitation**
■ Topsoil Management: Topsoil stockpiled for short periods and used quickly to rehabilitate mined blocks.
- ▽ Drainage Control: Mining floor shaped with a gentle slope to prevent water pooling.
- Excavation Slope: Steep edges flattened and blended with surrounding land.
- Topsoil Return: 300 mm of topsoil spread evenly over mined areas.
- Seasonal Seeding: Topsoil returned during optimal season to allow fast vegetation growth.
- △ Cover Crop: Planted and fertilised to reduce erosion and support new growth.
- Soil Correction: Fertilisation and soil chemical adjustments based on lab analysis.
- Erosion Monitoring: Monthly checks for erosion and stabilisation if needed.
- Invasive Plant Control: Monthly monitoring and active invasive species removal.
- Final Rehabilitation**
■ Site Clearing: Removal of equipment, infrastructure, and temporary materials.
- △ Land Shaping: Final levelling and contouring for stability and natural water flow.
- Sustainable Topography: No erosion or damming from permanent terrain changes.
- Excavation Safety: All excavations made safe and secured.
- Vegetation Restoration: Topsoil used effectively for re-vegetation; areas left self-sustaining.
- Weed Management: Ongoing alien plant removal for 12 months post-rehab.
- End Land Use: Site rehabilitated for return to agricultural use.

Proposed mining area coordinates:

A -32.238205°S; 22.87472°E
B -32.23742°S; 22.875877°E
C -32.239678°S; 22.878519°E
D -32.240529°S; 22.877416°E
A -32.238205°S; 22.87472°E

A 32°14'17,563"S; 22°52'28,945"E
B 32°14'14,708"S; 22°52'33,071"E
C 32°14'22,834"S; 22°52'42,679"E
D 32°14'25,93"S; 22°52'38,658"E
A 32°14'17,563"S; 22°52'28,945"E

Mining permit application area:
5 ha

Client:

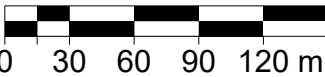
CZ Sand Mine (Pty)
Ltd
2025/190010/07

Consultant:



Please take note that the coordinates were derived from a GIS and not physically surveyed and is therefore an estimation only.

Scale 1:3500



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