

# 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

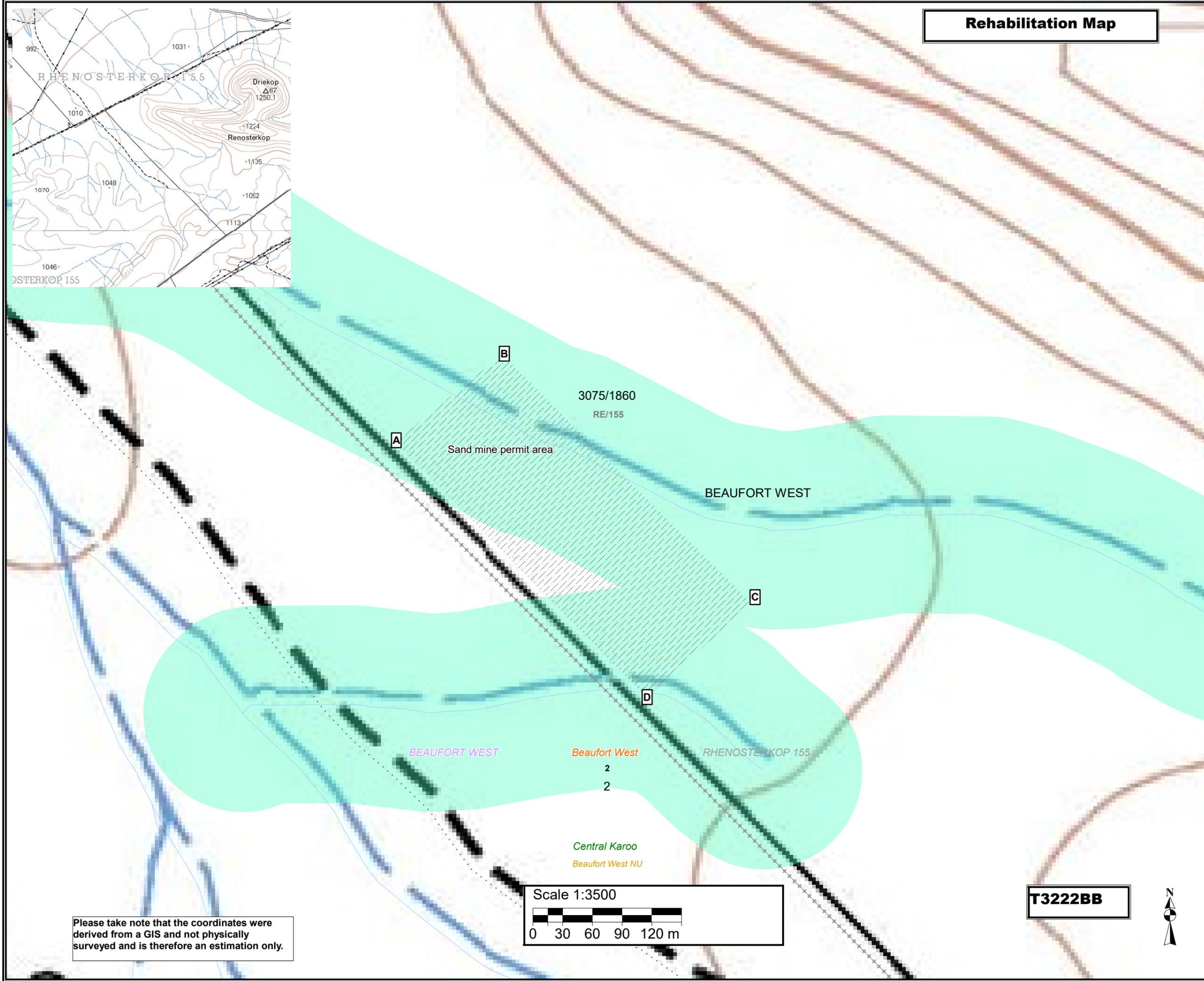
A 32°14'17,563"S; 22°52'28,945"E  
 B 32°14'14,708"S; 22°52'33,071"E  
 C 32°14'22,834"S; 22°52'42,679"E  
 D 32°14'25,93"S; 22°52'38,658"E  
 A 32°14'17,563"S; 22°52'28,945"E

**Mining permit application area:**  
 5 ha

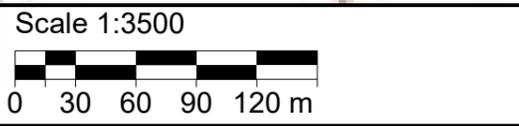
**Client:**

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.



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