

CASE STUDY

Subgrade Stabilisation | Access Roads | Sere Wind Farm, North West of Vredendal, West Coast July 2014

Client Eskom

Contractor Asla

Product **Multi-Cell® 100mm** | 12 200m²
RockGrid® PC 50/50 | 27 157m²

Consultant Eskom In House Contractor

Rep Norrin Stone

Problem

The local area of the Sere Wind Farm, located north west of Vredendal near the Olifants River on the West Coast, consists of sandy soil material with inherently low CBR qualities which was considered inadequate for the construction of access roads necessary for the maintenance area of the wind farm.

Solution

To remedy the problem, **RockGrid® PC** and **Multi-Cell®** were specified as the reinforcement solutions.

The area for construction was stripped of all vegetation and a cut operation performed. **RockGrid® PC 50/50** was laid over the cut area.

A layer of **Multi-Cell® 100mm** was then placed over the **RockGrid® PC** and filled with a crusher run G3 material.

Benefits

The economical and effective system, allowed quick, simple and easy installation, even using unskilled labour.



Sandy soil road with inherently low CBR qualities at Sere Wind Farm.



Multi-Cell® and RockGrid® PC were used to reinforce the access road.