



V3 CONSULTING
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Our Ref: 11755009

| PROJECT: CapeNature Condition Assessment | | | | | DATE: 2025-06-18 |
|--|-------------|----------|-------------|---|---|
| DESCRIPTION: Grootvadersbosch Nature Reserve - Redwood Management Road | | | | | |
| Photo ID | Stake Value | Distance | Rating | Description | Erosion Control and Drainage Measures |
| | 0 | | | | |
| 6 | 350 | | 3.Average | The management road is in poor condition, with significant rutting and muddy wheel tracks, indicating poor drainage and a surface prone to softening during wet conditions. Standing water and saturated soil increase the risk of vehicle slippage, compromising safe access. The road is critical for access to the Redwoods hiking route, as well as for infrastructure management and ecological monitoring. Additionally, the surface remains uneven and stony, with loose rocks and exposed aggregate contributing to rough driving conditions. | Install side drains, cross-drains, and water bars to redirect surface runoff away from the track. Regrade the road surface to restore proper camber and eliminate rutting. Import G5 gravel layer to reinforce the track and reduce softening in wet conditions. |
| 7 | 530 | | | | |
| 8 | 640 | | | | |
| 9 | 640 | 640 | | | |
| | 640 | | | | |
| 10 | 755 | | 3.Average | The management road is in poor condition, with significant rutting and muddy sections, especially in the wheel tracks. These features indicate inadequate drainage and a surface prone to softening and damage during wet weather. Standing water and saturated soil increase the risk of vehicles slipping, reducing accessibility and posing safety concerns for routine operations. The surface remains uneven and stony, with loose rocks and exposed aggregate further hindering access. | Open side drains and construct waterbars to divert surface runoff. Fill eroded areas with compacted rocks and gravel to restore surface integrity. Regrade and reshape the road to improve drainage and reduce rutting. Stabilize the surface using a suitable gravel layer, and implement routine maintenance to ensure ongoing accessibility. |
| 11 | 755 | | | | |
| | 790 | 150 | | | |
| 13 | 790 | | 1.Excellent | At the time of the assessment, the field ranger (Sam Pinzi) confirmed that a contractor has been appointed to address the stormwater-related damage at the Redwood Maintenance Road bridge. | No remedial work is required in this section. Repair and rehabilitation work is reportedly underway or scheduled to commence shortly. |