

| SHABBY FUFU               |               |   |                               |        |                      |                                |  |                                     |                          |        |                      |                                |  |   |
|---------------------------|---------------|---|-------------------------------|--------|----------------------|--------------------------------|--|-------------------------------------|--------------------------|--------|----------------------|--------------------------------|--|---|
| Nature of Impact          |               |   | Without Mitigation (Baseline) |        |                      |                                |  | With Mitigation                     |                          |        |                      |                                |  |   |
| Number                    | Aspect        | Impact  | Probability (Likelihood)      | Extent | Duration (Frequency) | Magnitude (Intensity/Severity) | Receiving Environment (Significance/Consequence) | Without Mitigation Score (Baseline) | Probability (Likelihood) | Extent | Duration (Frequency) | Magnitude (Intensity/Severity) | Receiving Environment (Significance/Consequence) | With Mitigation Score (Impact Assessment) |
| <b>CONSTRUCTION PHASE</b> |               |   |                               |        |                      |                                |  |                                     |                          |        |                      |                                |  |   |
| 1                         | Biodiversity  | <b>Special habitats:</b> Potential impact on special habitats (e.g. true quartz or "heuweltjies")         | -2                            | -1     | -4                   | -1                             | -2   | -2                                  | -1                       | -1     | -4                   | -1                             | -1   | -1  |
|                           |               | <b>Landuse and cover:</b> Potential impact on socio-economic activities.                                  | -1                            | -1     | -4                   | -1                             | -2   | -1                                  | -1                       | -1     | -4                   | -1                             | -1   | -1  |
| 2                         |               | <b>Vegetation status:</b> Loss of vulnerable or endangered vegetation and associated habitat.             | -1                            | -1     | -4                   | -1                             | -2   | -2                                  | -1                       | -1     | -4                   | -1                             | -1   | -2  |
| 3                         |               | <b>Conservation priority:</b> Potential impact on protected areas, CBA's, ESA's or Centre's of Endemism.  | -2                            | -1     | -4                   | -1                             | -2   | -2                                  | -1                       | -1     | -4                   | -1                             | -1   | -2  |
| 4                         |               | <b>Connectivity:</b> Potential loss of ecological migration corridors.                                    | -1                            | -1     | -4                   | -1                             | -1   | -1                                  | -1                       | -1     | -4                   | -1                             | -1   | -1  |
| 5                         |               | <b>Protected and Endangered plant species:</b> Potential impact on threatened or protected plant species. | -2                            | -1     | -4                   | -1                             | -2   | -2                                  | -1                       | -1     | -4                   | -1                             | -1   | -1  |
| 6                         |               | <b>Fauna and avi-fauna:</b> Potential impact on mammals, reptiles, amphibians and birds                   | -2                            | -1     | -4                   | -1                             | -4   | -2                                  | -1                       | -1     | -4                   | -1                             | -4   | -2  |
| 7                         |               | <b>Cumulative impact</b> associated with proposed activity.   | -2                            | -1     | -4                   | -1                             | -4   | -3                                  | -1                       | -1     | -4                   | -1                             | -4   | -3  |
| 8                         | Heritage      | No impact   |                               |        |                      |                                |  |                                     |                          |        |                      |                                |  |   |
| 9                         | Palaeontology | No impact   |                               |        |                      |                                |  |                                     |                          |        |                      |                                |  |   |
| 10                        | Agriculture   | Loss of grazing land  | -1                            | -1     | -4                   | -1                             | -1   | -1                                  | -1                       | -1     | -4                   | -1                             | -1   | -1  |
| <b>OPERATIONAL PHASE</b>  |               |   |                               |        |                      |                                |  |                                     |                          |        |                      |                                |  |   |
| 11                        | Freshwater    | Impact on aquatic environment   | -8                            | -2     | -8                   | -4                             | -4   | -6                                  | -8                       | -2     | -8                   | -2                             | -2   | -4  |