

Kalabasfontein Project Impact Significance Ratings-Heritage and Palaeontology

IMPACT DESCRIPTION			PRE - MITIGATION							POST - MITIGATION							IMPACT PRIORITISATION					
Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Post-mitigation	Confidence	Public response	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
Disturbance/Destruction of Archaeological Sites	Alternative 3	Construction	-1	2	5	3	3	4	-13	-1	1	5	2	3	2	-5.5	Medium	1	1	1	1.00	-5.50
Disturbance/Destruction of Historic Buildings or Structures	Alternative 3	Construction	-1	2	5	3	3	4	-13	-1	1	5	2	3	2	-5.5	Medium	1	1	1	1.00	-5.50
Disturbance/ Destruction of Graves and Cemeteries	Alternative 3	Construction	-1	2	5	4	3	4	-14	-1	2	5	2	3	2	-6	Medium	1	1	1	1.00	-6.00
Disturbance/ Destruction of Unmarked Graves	Alternative 3	Construction	-1	2	5	3	3	4	-13	-1	1	5	2	3	2	-5.5	Medium	1	1	1	1.00	-5.50
Potential damage of Palaeontological material	Alternative 3	Construction	-1	2	5	5	3	4	-15	-1	2	5	2	3	2	-6	Medium	1	1	1	1.00	-6.00
Disturbance/Destruction of Archaeological Sites	Alternative 3	Operation	-1	2	5	3	3	4	-13	-1	1	5	2	3	2	-5.5	Medium	1	1	1	1.00	-5.50
Disturbance/Destruction of Historic Buildings or Structures	Alternative 3	Operation	-1	2	5	3	3	4	-13	-1	1	5	2	3	2	-5.5	Medium	1	1	1	1.00	-5.50
Disturbance/ Destruction of Graves and Cemeteries	Alternative 3	Operation	-1	2	5	4	3	4	-14	-1	2	5	2	3	2	-6	Medium	1	1	1	1.00	-6.00
Disturbance/ Destruction of Unmarked Graves	Alternative 3	Operation	-1	2	5	3	3	4	-13	-1	1	5	2	3	2	-5.5	Medium	1	1	1	1.00	-5.50
Potential damage of Palaeontological material	Alternative 3	Operation	-1	2	5	5	3	4	-15	-1	2	5	2	3	2	-6	Medium	1	1	1	1.00	-6.00
Disturbance/Destruction of Archaeological Sites	Alternative 2	Construction	-1	2	5	4	5	5	-20	-1	1	5	2	2	5	-12.5	Medium	1	1	1	1.00	-12.50
Disturbance/Destruction of Historic Buildings or Structures	Alternative 2	Construction	-1	2	5	4	3	5	-17.5	-1	1	2	2	3	5	-10	Medium	1	1	1	1.00	-10.00
Disturbance/ Destruction of Graves and Cemeteries	Alternative 2	Construction	-1	2	5	4	3	5	-17.5	-1	2	5	3	3	5	-16.25	Medium	1	1	1	1.00	-16.25
Disturbance/ Destruction of Unmarked Graves	Alternative 2	Construction	-1	2	5	4	3	5	-17.5	-1	1	1	3	3	5	-10	Medium	1	1	1	1.00	-10.00
Potential damage of Palaeontological material	Alternative 2	Construction	-1	2	5	4	5	5	-20	-1	2	5	3	4	5	-17.5	Medium	1	1	1	1.00	-17.50
Disturbance/Destruction of Archaeological Sites	Alternative 2	Operation	-1	2	5	4	5	5	-20	-1	1	5	2	2	5	-12.5	Medium	1	1	1	1.00	-12.50
Disturbance/Destruction of Historic Buildings or Structures	Alternative 2	Operation	-1	2	5	4	3	5	-17.5	-1	1	2	2	3	5	-10	Medium	1	1	1	1.00	-10.00
Disturbance/ Destruction of Graves and Cemeteries	Alternative 2	Operation	-1	2	5	4	3	5	-17.5	-1	2	5	3	3	5	-16.25	Medium	1	1	1	1.00	-16.25
Disturbance/ Destruction of Unmarked Graves	Alternative 2	Operation	-1	2	5	4	3	5	-17.5	-1	1	1	3	3	5	-10	Medium	1	1	1	1.00	-10.00
Potential damage of Palaeontological material	Alternative 2	Operation	-1	2	5	4	5	5	-20	-1	2	5	3	4	5	-17.5	Medium	1	1	1	1.00	-17.50
Disturbance/Destruction of Archaeological Sites	Alternative 1	Construction	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Disturbance/Destruction of Historic Buildings or Structures	Alternative 1	Construction	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Disturbance/ Destruction of Graves and Cemeteries	Alternative 1	Construction	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Disturbance/ Destruction of Unmarked Graves	Alternative 1	Construction	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Potential damage of Palaeontological material	Alternative 1	Construction	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Disturbance/Destruction of Archaeological Sites	Alternative 1	Operation	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Disturbance/Destruction of Historic Buildings or Structures	Alternative 1	Operation	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Disturbance/ Destruction of Graves and Cemeteries	Alternative 1	Operation	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Disturbance/ Destruction of Unmarked Graves	Alternative 1	Operation	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Potential damage of Palaeontological material	Alternative 1	Operation	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00