

IMPACT DESCRIPTION				Pre-Mitigation						Post Mitigation						Priority Factor Criteria						
Identifier	Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Post-mitigation ER	Confidence	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
7.1	Destruction, loss and fragmentation of habitats (including wetlands), functional ecosystems and the vegetation community (including protected flora)	Alternative 1	Construction	-1	4	5	5	3	4	-17	-1	2	3	2	2	3	-6.75	Medium	1	1	1.00	-6.75
7.2	Introduction of IAP species and invasive fauna	Alternative 1	Construction	-1	3	5	3	3	4	-14	-1	2	3	2	3	3	-7.5	Medium	2	1	1.13	-8.4375
7.3	Displacement of the indigenous faunal community (including SCC) due to habitat loss, direct mortalities, and disturbance (road collisions, noise, dust, light, vibration, and poaching)	Alternative 1	Construction	-1	4	5	4	4	3	-12.75	-1	3	4	3	3	2	-6.5	High	1	2	1.13	-7.3125
7.4	Spilling of hazardous chemicals into the receiving environment, and the penetrating of these into sensitive habitats	Alternative 1	Construction	-1	5	4	5	4	4	-18	-1	3	3	3	2	2	-5.5	Medium	1	2	1.13	-6.1875
7.5	Continued fragmentation and degradation of functional habitats and ecosystems (including that caused by spill events)	Alternative 1	Operation	-1	5	5	5	4	4	-19	-1	3	3	3	3	2	-6	Medium	2	2	1.25	-7.5
7.6	Continuing spread of IAP and weed species	Alternative 1	Operation	-1	3	4	4	3	3	-10.5	-1	2	2	2	2	3	-6	High	1	1	1.00	-6
7.7	Ongoing displacement and direct mortalities of the faunal community (including SCC) due to continued disturbance (road collisions, noise, light, dust, vibration, poaching, etc)	Alternative 1	Operation	-1	4	4	4	4	3	-12	-1	3	3	3	3	2	-6	Medium	1	2	1.13	-6.75
7.8	Increased erosion (high velocity surface run-off due to an increase in impervious surfaces, and the presence of bare land)	Alternative 1	Operation	-1	3	4	3	3	4	-13	-1	2	3	3	2	2	-5	Medium	1	1	1.00	-5
7.9	Bird collisions and electrocutions with newly established powerlines	Alternative 1	Operation	-1	5	5	5	5	4	-20	-1	3	4	3	3	3	-9.75	Medium	2	3	1.38	-13.40625
8	Destruction, loss and fragmentation of habitats (including wetlands), functional ecosystems and the vegetation community (including protected flora)	Alternative 2	Construction	-1	4	5	5	4	4	-18	-1	2	3	3	2	3	-7.5	Medium	1	1	1.00	-7.5
8.1	Introduction of IAP species and invasive fauna	Alternative 2	Construction	-1	3	5	3	3	4	-14	-1	2	3	2	3	3	-7.5	Medium	2	1	1.13	-8.4375
8.2	Displacement of the indigenous faunal community (including SCC) due to habitat loss, direct mortalities, and disturbance (road collisions, noise, dust, light, vibration, and poaching)	Alternative 2	Construction	-1	4	5	4	4	3	-12.75	-1	3	4	3	3	2	-6.5	High	1	2	1.13	-7.3125
8.3	Spilling of hazardous chemicals into the receiving environment, and the penetrating of these into sensitive habitats	Alternative 2	Construction	-1	5	4	5	4	4	-18	-1	3	3	3	2	2	-5.5	Medium	1	2	1.13	-6.1875
8.4	Continued fragmentation and degradation of functional habitats and ecosystems (including that caused by spill events)	Alternative 2	Operation	-1	5	5	5	4	4	-19	-1	3	3	3	3	3	-9	Medium	2	2	1.25	-11.25
8.5	Continuing spread of IAP and weed species	Alternative 2	Operation	-1	3	4	4	3	3	-10.5	-1	2	2	2	2	3	-6	High	1	1	1.00	-6
8.6	Ongoing displacement and direct mortalities of the faunal community (including SCC) due to continued disturbance (road collisions, noise, light, dust, vibration, poaching, etc)	Alternative 2	Operation	-1	4	4	4	4	3	-12	-1	3	3	3	3	2	-6	Medium	1	2	1.13	-6.75
8.7	Increased erosion (high velocity surface run-off due to an increase in impervious surfaces, and the presence of bare land)	Alternative 2	Operation	-1	3	4	3	3	4	-13	-1	2	3	3	2	2	-5	Medium	1	1	1.00	-5
8.8	Bird collisions and electrocutions with newly established powerlines	Alternative 2	Operation	-1	5	5	5	5	4	-20	-1	3	4	3	3	3	-9.75	Medium	2	3	1.38	-13.40625
8.9	Impact on heritage resources	Alternative 1	Planning	-1	-1	2	1	3	2	-2.5	-1	1	2	1	2	1	-1.5	High	1	1	1.00	-1.5
9	Impact on heritage resources	Alternative 1	Construction	-1	-1	2	1	3	2	-2.5	-1	1	2	1	2	1	-1.5	High	1	1	1.00	-1.5
9.1	Impact on palaeontology	Alternative 1	Planning	-1	-1	4	2	2	2	-3.5	-1	1	4	2	1	1	-2	High	1	1	1.00	-2
9.2	Impact on palaeontology	Alternative 1	Construction	-1	-1	4	2	2	2	-3.5	-1	1	4	2	1	1	-2	High	1	1	1.00	-2
9.3	Limited Job creation	Alternative 1	Construction	1	3	2	2	2	4	9	1	3	2	2	2	4	9	High	1	1	1.00	9
9.4	Noise	Alternative 1	Construction	-1	3	2	2	2	3	-6.75	-1	3	2	2	2	3	-6.75	High	1	1	1.00	-6.75
9.6	Air Quality (Dust)	Alternative 1	Construction	-1	2	1	1	2	3	-4.5	-1	1	1	1	2	2	-2.5	High	1	1	1	-2.5
9.7	Community Safety	Alternative 1	Construction	-1	3	2	2	2	2	-4.5	-1	3	2	2	2	2	-4.5	High	1	1	1.00	-4.5
9.8	Interference with existing land uses	Alternative 1	Construction	-1	2	2	1	2	4	-7	-1	1	1	1	2	4	-5	high	1	1	1	-5
9.9	Generation of waste	Alternative 1	Construction	-1	1	1	2	2	4	-6	-1	1	1	2	2	3	-4.5	High	1	1	1	-4.5
10	Increased capacity and flexibility to the network	Alternative 1	Operation	1	4	4	4	2	4	14	1	4	4	4	2	4	14	High	1	1	1.00	14
10.1	Decreased strain on existing network	Alternative 1	Operation	1	4	4	4	2	4	14	1	4	4	4	2	4	14	High	1	1	1.00	14
10.2										0							0				#N/A	#N/A