

IMPACT DESCRIPTION			PRE - MITIGATION						POST - MITIGATION						IMPACT PRIORITISATION							
Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Post-mitigation ER	Confidence	Public response	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
Clearance/Disturbance of vegetation	Alternative 1	Construction	-1	2	1	2	3	4	-8	-1	1	1	2	3	4	-7	Medium	1	1	1	1,00	-7,00
Clearance/Disturbance of vegetation	Alternative 1	Operation	-1	2	1	2	3	4	-8	-1	1	1	2	3	4	-7	Medium	1	1	1	1,00	-7,00
Deterioration and damage to existing access roads and tracks	Alternative 1	Operation	-1	2	1	3	4	4	-10	-1	1	1	2	3	4	-7	Medium	1	1	1	1,00	-7,00
Compacting of Soils	Alternative 1	Construction	-1	1	1	2	3	3	-5,25	-1	1	1	1	2	3	-3,75	Medium	1	1	1	1,00	-3,75
Generation and disposal of waste	Alternative 1	Construction	-1	1	1	2	2	4	-6	-1	1	1	2	2	3	-4,5	Medium	1	1	1	1,00	-4,50
Compacting of Soils	Alternative 1	Operation	-1	1	1	2	3	3	-5,25	-1	1	1	1	2	3	-3,75	Medium	1	1	1	1,00	-3,75
Generation and disposal of waste	Alternative 1	Operation	-1	1	1	2	2	4	-6	-1	1	1	2	2	3	-4,5	Medium	1	1	1	1,00	-4,50
Compacting of Soils	Alternative 1	Decommissioning	-1	1	1	2	3	3	-5,25	-1	1	1	1	2	3	-3,75	Medium	1	1	1	1,00	-3,75
Impact on Fossil Heritage	Alternative 1	Construction	-1	1	1	1	5	1	-2	-1	1	1	1	5	1	-2	High	1	1	1	1,00	-2,00
Contamination of surface and ground water	Alternative 1	Construction	-1	2	2	3	4	3	-8,25	-1	2	1	1	3	2	-3,5	Medium	1	2	1	1,17	-4,08
Impact on heritage sites (Literature)	Alternative 1	Operation	-1	2	2	3	5	3	-9	-1	1	1	1	5	1	-2	High	1	2	3	1,50	-3,00
Contamination of surface and ground water	Alternative 1	Operation	-1	2	2	3	4	3	-8,25	-1	2	1	1	3	2	-3,5	Medium	1	2	1	1,17	-4,08
Interference with existing land use	Alternative 1	Operation	-1	2	2	1	2	4	-7	-1	2	2	1	2	4	-7	Medium	1	2	1	1,17	-8,17
Contamination of surface and ground water	Alternative 1	Decommissioning	-1	2	2	3	4	3	-8,25	-1	2	1	1	3	2	-3,5	Medium	1	2	1	1,17	-4,08
Safety and security risks to landowners and lawful occupiers	Alternative 1	Operation	-1	2	1	2	3	3	-6	-1	2	1	2	3	2	-4	Low	1	1	1	1,00	-4,00
Clearance of Vegetation	Alternative 1	Construction	-1	2	1	3	4	4	-10	-1	1	1	2	3	4	-7	Medium	1	1	1	1,00	-7,00
Contamination of surface and ground water	Alternative 1	Rehab and closure	-1	2	2	3	4	3	-8,25	-1	2	1	1	3	2	-3,5	Medium	1	2	1	1,17	-4,08
Contamination of surface water	Alternative 1	Construction	-1	2	1	2	4	3	-6,75	-1	2	1	1	3	2	-3,5	Medium	1	2	1	1,17	-4,08
Deterioration and damage to existing access roads and tracks	Alternative 1	Operation	-1	2	1	2	3	4	-8	-1	1	1	1	2	4	-5	Medium	1	1	1	1,00	-5,00
Introduction/invasion by alien species	Alternative 1	Rehab and closure	-1	2	1	2	3	3	-6	-1	2	1	1	2	2	-3	Medium	1	1	1	1,00	-3,00
Deterioration and damage to existing access roads and tracks	Alternative 1	Construction	-1	2	1	2	3	4	-8	-1	1	1	1	2	4	-5	Medium	1	1	1	1,00	-5,00
Noise	Alternative 1	Construction	-1	1	1	1	2	3	-3,75	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Deterioration and damage to existing access roads and tracks	Alternative 1	Decommissioning	-1	2	1	2	3	4	-8	-1	1	1	1	2	4	-5	Medium	1	1	1	1,00	-5,00
Pollution of Soils	Alternative 1	Construction	-1	1	1	1	3	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Deterioration and damage to existing access roads and tracks	Alternative 1	Rehab and closure	-1	2	1	2	3	4	-8	-1	1	1	1	2	4	-5	Medium	1	1	1	1,00	-5,00
Dust	Alternative 1	Operation	-1	2	1	1	2	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Dust	Alternative 1	Operation	-1	2	1	1	2	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Erosion due to improper rehabilitation	Alternative 1	Rehab and closure	-1	1	2	1	3	3	-5,25	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Dust	Alternative 1	Construction	-1	1	1	2	2	4	-6	-1	1	1	2	2	3	-4,5	Medium	1	1	1	1,00	-4,50
Generation and disposal of waste	Alternative 1	Operation	-1	1	1	2	2	4	-6	-1	1	1	2	2	3	-4,5	Medium	1	1	1	1,00	-4,50
Generation and disposal of waste	Alternative 1	Decommissioning	-1	1	1	2	2	4	-6	-1	1	1	2	2	3	-4,5	Medium	1	1	1	1,00	-4,50
Generation and disposal of waste	Alternative 1	Rehab and closure	-1	1	1	2	2	4	-6	-1	1	1	2	2	3	-4,5	Medium	1	1	1	1,00	-4,50
Impact on ground water	Alternative 1	Construction	-1	2	1	2	3	3	-6	-1	1	1	1	3	2	-3	Medium	1	1	1	1,00	-3,00
Impact on ground water	Alternative 1	Operation	-1	2	1	2	3	3	-6	-1	1	1	1	3	2	-3	Medium	1	1	1	1,00	-3,00
Impact on ground water	Alternative 1	Decommissioning	-1	2	1	2	3	3	-6	-1	1	1	1	3	2	-3	Medium	1	1	1	1,00	-3,00
Impact on ground water	Alternative 1	Rehab and closure	-1	2	1	2	3	3	-6	-1	1	1	1	3	2	-3	Medium	1	1	1	1,00	-3,00
Impact on identified heritage sites	Alternative 1	Construction	-1	1	1	1	5	1	-2	-1	1	1	1	5	1	-2	High	1	1	1	1,00	-2,00
Impact on identified heritage sites	Alternative 1	Operation	-1	1	1	1	5	1	-2	-1	1	1	1	5	1	-2	High	1	1	1	1,00	-2,00
Impact on identified heritage sites	Alternative 1	Decommissioning	-1	1	1	1	5	1	-2	-1	1	1	1	5	1	-2	High	1	1	1	1,00	-2,00
Impact on identified heritage sites	Alternative 1	Rehab and closure	-1	1	1	1	5	1	-2	-1	1	1	1	5	1	-2	High	1	1	1	1,00	-2,00
Impact on Surface Water	Alternative 1	Construction	-1	2	1	2	3	3	-6	-1	1	1	1	3	2	-3	Medium	1	1	1	1,00	-3,00
Impact on Surface Water	Alternative 1	Operation	-1	2	1	2	3	3	-6	-1	1	1	1	3	2	-3	Medium	1	1	1	1,00	-3,00
Impact on Surface Water	Alternative 1	Decommissioning	-1	2	1	2	3	3	-6	-1	1	1	1	3	2	-3	Medium	1	1	1	1,00	-3,00
Impact on Surface Water	Alternative 1	Rehab and closure	-1	2	1	2	3	3	-6	-1	1	1	1	3	2	-3	Medium	1	1	1	1,00	-3,00

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Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Post-mitigation ER	Confidence	Public response	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
Interference with existing land uses	Alternative 1	Operation	-1	2	2	1	2	4	-7	-1	1	1	1	2	4	-5	Medium	1	2	1	1,17	-5,83
Interference with existing land uses	Alternative 1	Construction	-1	2	2	1	2	4	-7	-1	1	1	1	2	4	-5	Medium	1	2	1	1,17	-5,83
Interference with existing land uses	Alternative 1	Decommissioning	-1	2	2	1	2	4	-7	-1	1	1	1	2	3	-3,75	Medium	1	2	1	1,17	-4,38
Interference with existing land uses	Alternative 1	Rehab and closure	-1	2	2	1	2	4	-7	-1	1	1	1	2	3	-3,75	Medium	1	2	1	1,17	-4,38
Introduction/invasion by alien species	Alternative 1	Rehab and closure	-1	2	1	2	3	3	-6	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Introduction/invasion by alien species	Alternative 1	Construction	-1	2	1	2	3	3	-6	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Introduction/invasion by alien species	Alternative 1	Operation	-1	2	1	2	3	3	-6	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Introduction/invasion by alien species	Alternative 1	Decommissioning	-1	2	1	2	3	3	-6	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Job Creation	Alternative 1	Planning	1	1	1	1	1	3	3	1	1	1	1	1	3	3	Medium	1	1	1	1,00	3,00
Job Creation	Alternative 1	Construction	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Medium	1	1	1	1,00	1,00
Job Creation	Alternative 1	Operation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Medium	1	1	1	1,00	1,00
Job Creation	Alternative 1	Decommissioning	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Medium	1	1	1	1,00	1,00
Job Creation	Alternative 1	Rehab and closure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Medium	1	1	1	1,00	1,00
Noise	Alternative 1	Construction	-1	1	1	2	2	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Noise	Alternative 1	Operation	-1	1	1	2	2	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Noise	Alternative 1	Decommissioning	-1	1	1	2	2	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Noise	Alternative 1	Rehab and closure	-1	1	1	2	2	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Pollution of Soils	Alternative 1	Construction	-1	1	1	1	3	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Pollution of Soils	Alternative 1	Operation	-1	1	1	1	3	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Pollution of Soils	Alternative 1	Decommissioning	-1	1	1	1	3	3	-4,5	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Pollution of Soils	Alternative 1	Rehab and closure	-1	1	1	1	3	2	-3	-1	1	1	1	2	2	-2,5	Medium	1	1	1	1,00	-2,50
Safety and security risks to landowners and lawful occupiers	Alternative 1	Operation	-1	2	1	2	3	3	-6	-1	2	1	2	3	2	-4	Low	1	1	1	1,00	-4,00
Safety and security risks to landowners and lawful occupiers	Alternative 1	Construction	-1	2	1	2	3	3	-6	-1	2	1	2	3	2	-4	Low	1	1	1	1,00	-4,00
Safety and security risks to landowners and lawful occupiers	Alternative 1	Decommissioning	-1	2	1	2	3	3	-6	-1	2	1	2	3	2	-4	Low	1	1	1	1,00	-4,00
Safety and security risks to landowners and lawful occupiers	Alternative 1	Rehab and closure	-1	2	1	2	3	3	-6	-1	2	1	2	3	2	-4	Low	1	1	1	1,00	-4,00