

IMPACT DESCRIPTION			PRE - MITIGATION							POST - MITIGATION							IMPACT PRIORITISATION					
Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature2	Extent3	Duration4	Magnitude5	Reversibility	Probability7	Post-mitigation ER	Confidence	Public resp	Cumulative	Irreplaceabl	Priority Factor	Final score
Clearance/Disturbance of vegetation	Alternative 2	Construction	-1	2	1	2	3	4	-8.00	-1	1	1	2	3	4	-7	Medium	1	1	1	1.00	-7.00
Clearance/Disturbance of vegetation	Alternative 2	Operation	-1	2	1	2	3	4	-8.00	-1	1	1	2	3	4	-7	Medium	1	1	1	1.00	-7.00
Compacting of Soils	Alternative 2	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
Compacting of Soils	Alternative 2	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
Compacting of Soils	Alternative 2	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
Contamination of surface and ground water	Alternative 2	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
Contamination of surface and ground water	Alternative 2	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
Contamination of surface and ground water	Alternative 2	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
Contamination of surface and ground water	Alternative 2	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
Deterioration and damage to existing access roads and tracks	Alternative 2	Operation	-1	2	1	2	3	4	-8.00	-1	1	1	1	2	4	-5	Medium	1	1	1	1.00	-5.00
Deterioration and damage to existing access roads and tracks	Alternative 2	Construction	-1	2	1	2	3	4	-8.00	-1	1	1	1	2	4	-5	Medium	1	1	1	1.00	-5.00
Deterioration and damage to existing access roads and tracks	Alternative 2	Decommissioning	-1	2	1	2	3	4	-8.00	-1	1	1	1	2	4	-5	Medium	1	1	1	1.00	-5.00
Deterioration and damage to existing access roads and tracks	Alternative 2	Rehab and closure	-1	2	1	2	3	4	-8.00	-1	1	1	1	2	4	-5	Medium	1	1	1	1.00	-5.00
Dust	Alternative 2	Operation	-1	2	1	1	2	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Dust	Alternative 2	Construction	-1	2	1	1	2	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Dust	Alternative 2	Decommissioning	-1	2	1	1	2	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Dust	Alternative 2	Rehab and closure	-1	2	1	1	2	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Erosion due to improper rehabilitation	Alternative 2	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
Generation and disposal of waste	Alternative 2	Construction	-1	1	1	2	2	4	-6.00	-1	1	1	2	2	3	-4.5	Medium	1	1	1	1.00	-4.50
Generation and disposal of waste	Alternative 2	Operation	-1	1	1	2	2	4	-6.00	-1	1	1	2	2	3	-4.5	Medium	1	1	1	1.00	-4.50
Generation and disposal of waste	Alternative 2	Decommissioning	-1	1	1	2	2	4	-6.00	-1	1	1	2	2	3	-4.5	Medium	1	1	1	1.00	-4.50
Generation and disposal of waste	Alternative 2	Rehab and closure	-1	1	1	2	2	4	-6.00	-1	1	1	2	2	3	-4.5	Medium	1	1	1	1.00	-4.50
Impact on ground water	Alternative 2	Construction	-1	2	1	2	3	3	-6.00	-1	1	1	1	3	2	-3	Medium	1	1	1	1.00	-3.00
Impact on ground water	Alternative 2	Operation	-1	2	1	2	3	3	-6.00	-1	1	1	1	3	2	-3	Medium	1	1	1	1.00	-3.00
Impact on ground water	Alternative 2	Decommissioning	-1	2	1	2	3	3	-6.00	-1	1	1	1	3	2	-3	Medium	1	1	1	1.00	-3.00
Impact on ground water	Alternative 2	Rehab and closure	-1	2	1	2	3	3	-6.00	-1	1	1	1	3	2	-3	Medium	1	1	1	1.00	-3.00
Drilling impact on identified lithic scatters	Alternative 2	Construction	-1	1	1	1	5	1	-2.00	-1	1	1	1	5	1	-2	High	1	1	1	1.00	-2.00
Drilling impact on identified lithic scatters	Alternative 2	Operation	-1	1	1	1	5	1	-2.00	-1	1	1	1	5	1	-2	High	1	1	1	1.00	-2.00
Drilling impact on identified lithic scatters	Alternative 2	Decommissioning	-1	1	1	1	5	1	-2.00	-1	1	1	1	5	1	-2	High	1	1	1	1.00	-2.00
Drilling impact on identified lithic scatters	Alternative 2	Rehab and closure	-1	1	1	1	5	1	-2.00	-1	1	1	1	5	1	-2	High	1	1	1	1.00	-2.00
Impact on Surface Water	Alternative 2	Construction	-1	2	1	2	3	3	-6.00	-1	1	1	1	3	2	-3	Medium	1	1	1	1.00	-3.00
Impact on Surface Water	Alternative 2	Operation	-1	2	1	2	3	3	-6.00	-1	1	1	1	3	2	-3	Medium	1	1	1	1.00	-3.00
Impact on Surface Water	Alternative 2	Decommissioning	-1	2	1	2	3	3	-6.00	-1	1	1	1	3	2	-3	Medium	1	1	1	1.00	-3.00
Impact on Surface Water	Alternative 2	Rehab and closure	-1	2	1	2	3	3	-6.00	-1	1	1	1	3	2	-3	Medium	1	1	1	1.00	-3.00
Interference with existing land uses	Alternative 2	Operation	-1	2	2	1	2	4	-7.00	-1	1	1	1	2	4	-5	Medium	1	2	1	1.17	-5.83
Interference with existing land uses	Alternative 2	Construction	-1	2	2	1	2	4	-7.00	-1	1	1	1	2	4	-5	Medium	1	2	1	1.17	-5.83
Interference with existing land uses	Alternative 2	Decommissioning	-1	2	2	1	2	4	-7.00	-1	1	1	1	2	3	-3.75	Medium	1	2	1	1.17	-4.38
Interference with existing land uses	Alternative 2	Rehab and closure	-1	2	2	1	2	4	-7.00	-1	1	1	1	2	3	-3.75	Medium	1	2	1	1.17	-4.38
Introduction/invasion by alien species	Alternative 2	Rehab and closure	-1	2	1	2	3	3	-6.00	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Introduction/invasion by alien species	Alternative 2	Construction	-1	2	1	2	3	3	-6.00	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Introduction/invasion by alien species	Alternative 2	Operation	-1	2	1	2	3	3	-6.00	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Introduction/invasion by alien species	Alternative 2	Decommissioning	-1	2	1	2	3	3	-6.00	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Job Creation	Alternative 2	Planning	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	Medium	1	1	1	1.00	1.00
Job Creation	Alternative 2	Construction	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	Medium	1	1	1	1.00	1.00
Job Creation	Alternative 2	Operation	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	Medium	1	1	1	1.00	1.00
Job Creation	Alternative 2	Decommissioning	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	Medium	1	1	1	1.00	1.00
Job Creation	Alternative 2	Rehab and closure	1	1	1	1	1	1	1.00	1	1	1	1	1	1	1	Medium	1	1	1	1.00	1.00
Noise	Alternative 2	Construction	-1	1	1	2	2	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Noise	Alternative 2	Operation	-1	1	1	2	2	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Noise	Alternative 2	Decommissioning	-1	1	1	2	2	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Noise	Alternative 2	Rehab and closure	-1	1	1	2	2	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Pollution of Soils	Alternative 2	Construction	-1	1	1	1	3	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Pollution of Soils	Alternative 2	Operation	-1	1	1	1	3	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Pollution of Soils	Alternative 2	Decommissioning	-1	1	1	1	3	3	-4.50	-1	1	1	1	2	2	-2.5	Medium	1	1	1	1.00	-2.50
Pollution of Soils	Alternative 2	Rehab and closure	-1	1	1	1	3	2	-3.00	-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 2	Operation	-1	2	1	2	3	3	-6.00	-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 2	Construction	-1	2	1	2	3	3	-6.00	-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 2	Decommissioning	-1	2	1	2	3	3	-6.00	-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 2	Rehab and closure	-1	2	1	2	3	3	-6.00	-1	2	1	2	3	2	-4	Low	1	1	1	1.00	-4.00
Impact on Fuana	Alternative 2	Operation	-1	3	2	2	2	3	-6.75	-1	2	2	2	2	3	-6	Medium	1	1	2	1.17	-7.00
Impact on Fuana	Alternative 2	Construction	-1	3	2	2	2	3	-6.75	-1	2	2	2	2	3	-6	Medium	1	1	2	1.17	-7.00
Impact on Fuana	Alternative 2	Decommissioning	-1	3	2	2	2	3	-6.75	-1	2	2	2	2	3	-6	Medium	1	1	2	1.17	-7.00
Impact on Fuana	Alternative 2	Rehab and closure	-1	3	2	2	2	3	-6.75	-1	2	2	2	2	3	-6	Medium	1	1	2	1.17	-7.00
Conservation of Heritage Features	Alternative 2	Operation	-1	1	1	1	5	1	-2.00	1	1	1	1	5	1	2	High	1	1	1	1.00	2.00
Conservation of Heritage Features	Alternative 2	Construction	-1	1	1	1	5	1	-2.00	1	1	1	1	5	1	2	High	1	1	1	1.00	2.00

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IMPACT DESCRIPTION			PRE - MITIGATION							POST - MITIGATION							IMPACT PRIORITISATION					
Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature2	Extent3	Duration4	Magnitude5	Reversibility	Probability7	Post-mitigation ER	Confidence	Public respd	Cumulative	Irreplaceabl	Priority Factor	Final score
Conservation of Heritage Features	Alternative 2	Decommissioning	-1	1	1	1	5	1	-2.00	1	1	1	1	5	1	2	High	1	1	1	1.00	2.00
Conservation of Heritage Features	Alternative 2	Rehab and closure	-1	1	1	1	5	1	-2.00	1	1	1	1	5	1	2	High	1	1	1	1.00	2.00