

| IMPACT DESCRIPTION | | PRE - MITIGATION | | | | | | | POST - MITIGATION | | | | | | | IMPACT PRIORITISATION | | | | | |
|----------------------------------------------------------------------------------|-----------|------------------|--------|----------|-----------|---------------|-------------|----------------|-------------------|--------|----------|-----------|---------------|-------------|-----------------|-----------------------|-----------------|-------------------|--------------------|-----------------|-------------|
| Impact | 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 |
| Safety and security risks to landowners and lawful occupiers | Planning | -1 | 3 | 2 | 4 | 3 | 4 | -12,00 | -1 | 3 | 1 | 2 | 2 | 4 | -8,00 | Medium | 1 | 1 | 2 | 1,17 | -9,33 |
| Interference with land use | Planning | -1 | 2 | 2 | 4 | 3 | 4 | -11,00 | -1 | 2 | 1 | 2 | 2 | 4 | -7,00 | Medium | 1 | 2 | 1 | 1,17 | -8,17 |
| Safety and security risks to landowners and lawful occupiers | Operation | -1 | 3 | 2 | 4 | 3 | 4 | -12,00 | -1 | 3 | 1 | 2 | 2 | 4 | -8,00 | Medium | 1 | 1 | 2 | 1,17 | -9,33 |
| Interference with land use | Planning | -1 | 2 | 2 | 4 | 3 | 4 | -11,00 | -1 | 2 | 1 | 2 | 2 | 4 | -7,00 | Medium | 1 | 2 | 1 | 1,17 | -8,17 |
| Sense of place | Operation | -1 | 2 | 2 | 2 | 3 | 3 | -6,75 | -1 | 2 | 1 | 2 | 2 | 2 | -3,50 | Medium | 1 | 1 | 1 | 1,00 | -3,50 |
| Damage/disruption of services and existing infrastructure | Operation | -1 | 3 | 2 | 4 | 4 | 4 | -13,00 | -1 | 3 | 1 | 3 | 3 | 2 | -5,00 | Medium | 1 | 2 | 1 | 1,17 | -5,83 |
| Perceptions and expectations | Operation | -1 | 3 | 2 | 3 | 3 | 4 | -11,00 | -1 | 3 | 1 | 2 | 2 | 2 | -4,00 | Medium | 2 | 1 | 1 | 1,17 | -4,67 |
| Job creation | Operation | 1 | 3 | 2 | 2 | 2 | 4 | 9,00 | 1 | 3 | 1 | 3 | 3 | 4 | 10,00 | Medium | 2 | 2 | 1 | 1,33 | 13,33 |
| Discovery of economy viable minerals | Operation | 1 | 5 | 4 | 5 | 5 | 5 | 23,75 | 1 | 5 | 4 | 5 | 5 | 5 | 23,75 | Medium | 1 | 2 | 3 | 1,50 | 35,63 |
| Fugitive emissions (dust) | Operation | -1 | 1 | 1 | 3 | 3 | 3 | -6,00 | -1 | 1 | 1 | 2 | 2 | 2 | -3,00 | Medium | 1 | 1 | 1 | 1,00 | -3,00 |
| Noise | Operation | -1 | 2 | 2 | 3 | 3 | 3 | -7,50 | -1 | 2 | 1 | 2 | 2 | 2 | -3,50 | Medium | 1 | 1 | 1 | 1,00 | -3,50 |
| Disturbance/damage/destruction of cultural, archaeological and heritage features | Operation | -1 | 4 | 4 | 4 | 4 | 4 | -16,00 | -1 | 4 | 4 | 3 | 3 | 2 | -7,00 | Medium | 1 | 2 | 2 | 1,33 | -9,33 |
| Clearance of vegetation | Operation | -1 | 1 | 2 | 4 | 4 | 5 | -13,75 | -1 | 1 | 1 | 3 | 3 | 3 | -6,00 | Medium | 1 | 2 | 1 | 1,17 | -7,00 |
| Habitat loss/destruction for fauna and flora species | Operation | -1 | 3 | 2 | 4 | 4 | 3 | -9,75 | -1 | 3 | 2 | 2 | 2 | 2 | -4,50 | Medium | 1 | 2 | 1 | 1,17 | -5,25 |
| Habitat fragmentation and edge effect | Operation | -1 | 3 | 2 | 4 | 4 | 2 | -6,50 | -1 | 3 | 1 | 2 | 2 | 2 | -4,00 | Medium | 1 | 1 | 1 | 1,00 | -4,00 |
| Loss of species of conservation significance | Operation | -1 | 5 | 2 | 5 | 5 | 4 | -17,00 | -1 | 5 | 2 | 2 | 2 | 2 | -5,50 | Medium | 1 | 2 | 1 | 1,17 | -6,42 |
| Introduction of alien species | Operation | -1 | 3 | 2 | 4 | 4 | 4 | -13,00 | -1 | 3 | 1 | 2 | 2 | 2 | -4,00 | Medium | 1 | 2 | 1 | 1,17 | -4,67 |

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|-----------------------------------------------------------------------|-------------------|------------------|--------|----------|-----------|---------------|-------------|----------------|-------------------|--------|----------|-----------|---------------|-------------|-----------------|-----------------------|-----------------|-------------------|--------------------|-----------------|-------------|
| Impact | 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 |
| Degradation and/or destruction of wetland habitats | Operation | -1 | 1 | 2 | 1 | 2 | 3 | -4,50 | -1 | 1 | 1 | 1 | 1 | 2 | -2,00 | High | 1 | 2 | 1 | 1,17 | -2,33 |
| Loss of indigenous fauna and flora diversity associated with wetlands | Operation | -1 | 2 | 2 | 2 | 4 | 2 | -5,00 | -1 | 1 | 2 | 1 | 2 | 1 | -1,50 | High | 1 | 2 | 2 | 1,33 | -2,00 |
| Spillage of oils, fuels and chemicals | Operation | -1 | 4 | 2 | 4 | 4 | 3 | -10,50 | -1 | 2 | 2 | 2 | 3 | 2 | -4,50 | Medium | 1 | 2 | 2 | 1,33 | -6,00 |
| Groundwater contamination from surface spills | Operation | -1 | 4 | 2 | 4 | 4 | 3 | -10,50 | -1 | 2 | 2 | 2 | 3 | 2 | -4,50 | Medium | 1 | 2 | 2 | 1,33 | -6,00 |
| Erosion and sedimentation | Operation | -1 | 1 | 2 | 3 | 2 | 3 | -6,00 | -1 | 1 | 1 | 2 | 2 | 2 | -3,00 | Medium | 1 | 2 | 2 | 1,33 | -4,00 |
| Hydrocarbon spills | Operation | -1 | 1 | 2 | 3 | 2 | 3 | -6,00 | -1 | 1 | 2 | 2 | 2 | 2 | -3,50 | Medium | 1 | 2 | 2 | 1,33 | -4,67 |
| Contamination of groundwater (water quality and quantity) | Decommissioning | -1 | 4 | 3 | 4 | 4 | 4 | -15,00 | -1 | 3 | 2 | 2 | 2 | 2 | -4,50 | Medium | 1 | 2 | 2 | 1,33 | -6,00 |
| Damage/disruption of services and existing infrastructure | Decommissioning | -1 | 3 | 2 | 4 | 4 | 4 | -13,00 | -1 | 3 | 1 | 3 | 3 | 2 | -5,00 | Medium | 1 | 2 | 1 | 1,17 | -5,83 |
| Fugitive emissions (dust) | Decommissioning | -1 | 1 | 1 | 3 | 3 | 3 | -6,00 | -1 | 1 | 1 | 2 | 2 | 2 | -3,00 | Medium | 1 | 1 | 1 | 1,00 | -3,00 |
| Noise | Decommissioning | -1 | 2 | 2 | 3 | 3 | 3 | -7,50 | -1 | 2 | 1 | 2 | 2 | 2 | -3,50 | Medium | 1 | 1 | 1 | 1,00 | -3,50 |
| Soil instability | Rehab and closure | -1 | 1 | 2 | 3 | 3 | 3 | -6,75 | -1 | 1 | 1 | 2 | 2 | 2 | -3,00 | Medium | 1 | 2 | 2 | 1,33 | -4,00 |
| Soil pollution/contamination | Rehab and closure | -1 | 1 | 2 | 3 | 2 | 3 | -6,00 | -1 | 1 | 2 | 2 | 2 | 2 | -3,50 | Medium | 1 | 2 | 2 | 1,33 | -4,67 |
| Disturbance to communities in the vicinity | Rehab and closure | -1 | 2 | 1 | 2 | 2 | 2 | -3,50 | -1 | 1 | 2 | 2 | 1 | 2 | -3,00 | Medium | 1 | 1 | 1 | 1,00 | -3,00 |
| Genration and disposal of waste | Rehab and closure | -1 | 2 | 3 | 3 | 3 | 3 | -8,25 | -1 | 1 | 2 | 2 | 2 | 2 | -3,50 | Medium | 2 | 1 | 1 | 1,17 | -4,08 |