

IMPACT DESCRIPTION	PRE - MITIGATION						POST - MITIGATION						IMPACT PRIORITISATION							
	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
Disturbance/ Destruction of Archaeological Sites or Historic Buildings	-1	2	4	2	5	3	-9.75	-1	2	2	2	5	1	-2.75	Low	1	2	2	1.33	-3.67
Disturbance/ Destruction of Graves	-1	2	4	4	5	4	-15	-1	2	3	3	5	2	-6.5	Low	1	2	2	1.33	-8.67
Disturbance/ Destruction of Fossil Material	-1	2	3	3	5	3	-9.75	-1	2	3	3	5	1	-3.25	Low	1	1	2	1.17	-3.79
Loss/ Destruction of Natural Habitat and removal of protected species	-1	2	5	4	4	5	-18.75	-1	2	3	3	4	2	-6	Low	1	2	2	1.33	-8.00
Habitat Fragmentation and Edge Effects	-1	3	5	4	3	4	-15	-1	2	3	3	3	3	-8.25	Low	1	2	2	1.33	-11.00
Displacement of Faunal Species	-1	3	4	4	3	3	-10.5	-1	2	3	3	2	2	-5	Low	1	2	2	1.33	-6.67
Blockage of Seasonal and Dispersal Movements	-1	3	5	4	4	3	-12	-1	3	3	2	4	2	-6	Low	1	2	2	1.33	-8.00
Flora Direct and Indirect Mortality	-1	2	4	4	5	5	-18.75	-1	2	3	3	5	2	-6.5	Low	1	2	1	1.17	-7.58
Fauna Direct and Indirect Mortality	-1	2	4	4	5	4	-15	-1	2	3	3	5	2	-6.5	Low	1	2	2	1.33	-8.67
Pollution of Habitats	-1	3	5	3	4	4	-15	-1	2	3	3	3	3	-8.25	Low	1	2	2	1.33	-11.00
Introduction/ Invasion by Alien Species	-1	3	4	3	3	4	-13	-1	2	3	3	2	3	-7.5	Medium	1	2	1	1.17	-8.75
Contamination of Groundwater (i.e. chemicals, fuel, wastes, sedimentation)	-1	4	4	4	4	4	-16	-1	3	3	4	2	3	-9	Low	1	2	1	1.17	-10.50
Reduction of stream Baseflow	-1	4	4	4	4	3	-12	-1	4	3	2	3	2	-6	Low	1	2	1	1.17	-7.00
Reduction of groundwater reserves	-1	3	4	3	4	4	-14	-1	3	3	2	4	3	-9	Low	1	1	1	1.00	-9.00
Acid Mine Drainage	-1	4	5	4	4	4	-17	-1	3	3	2	2	3	-7.5	Low	1	2	1	1.17	-8.75
Altered Hydrological Regime	-1	3	4	4	4	5	-18.75	-1	3	3	3	3	4	-12	Low	1	2	1	1.17	-14.00
Surface Water Contamination	-1	3	4	4	4	4	-15	-1	3	3	2	3	3	-8.25	Low	1	2	1	1.17	-9.63
Impact on Wetlands/ Drainage Lines	-1	3	4	5	4	4	-16	-1	3	3	4	4	3	-10.5	Low	1	2	2	1.33	-14.00
Increased sediment movement off the site	-1	3	3	3	4	4	-13	-1	3	3	2	2	3	-7.5	Low	1	1	1	1.00	-7.50
Reduction in agricultural potential and loss of fertility	-1	2	4	4	4	4	-14	-1	2	4	2	3	2	-5.5	Low	1	2	1	1.17	-6.42
Loss/ Disturbance of Topsoil (including contamination, erosion and compaction)	-1	2	4	4	4	4	-14	-1	2	4	2	3	2	-5.5	Low	1	2	2	1.33	-7.33
Gaseous and particulate emissions (including VOCs); fugitive dust	-1	4	4	3	4	5	-18.75	-1	3	4	2	2	2	-5.5	Low	1	1	1	1.00	-5.50
Visual Impacts	-1	3	4	2	2	4	-11	-1	3	4	2	1	2	-5	Low	1	1	1	1.00	-5.00
Blasting and vibration	-1	3	4	4	3	5	-17.5	-1	3	4	3	2	3	-9	Low	1	2	1	1.17	-10.50
Reduction in Quantity of Water (i.e. Water Consumption)	-1	3	3	4	3	4	-13	-1	3	3	2	2	2	-5	Low	2	2	1	1.33	-6.67
Interference with Existing Land Uses	-1	3	4	4	3	4	-14	-1	3	3	3	2	2	-5.5	Low	2	2	1	1.33	-7.33
Nuisance and Impact on Sense of Place (i.e. noise, dust, etc.)	-1	3	4	2	3	4	-12	-1	3	4	1	2	2	-5	Low	2	1	1	1.17	-5.83
Safety and Security (i.e. access to properties, theft, fire hazards, etc.)	-1	3	4	3	4	3	-10.5	-1	3	2	3	3	2	-5.5	Low	1	1	1	1.00	-5.50
Damage/ Disruption of Services (i.e. water, electricity, sewage, etc.)	-1	3	3	4	3	4	-13	-1	3	2	2	3	2	-5	Low	1	2	1	1.17	-5.83
Impact on Existing Infrastructure (i.e. roads, fences, etc.)	-1	3	3	4	3	4	-13	-1	3	2	2	3	2	-5	Low	1	2	1	1.17	-5.83
Perceptions and Expectations	-1	3	3	3	3	4	-12	-1	3	2	2	2	3	-6.75	Low	1	1	1	1.00	-6.75
Employment Opportunities	1	3	3	1	2	1	2.25	1	4	4	2	2	2	6	Medium	1	1	1	1.00	6.00
Coal supply for energy security	1	5	4	3	3	4	15	1	5	4	3	3	4	15	Medium	1	1	1	1.00	15.00