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
Disturbance/ Destruction of Archaeological Sites or Historic Buildings	All	Construction	-1	2	4	4	5	3	-11.25	-1	1	4	2	5	2	-6	High	1	3	3	1.67	-10.00
Disturbance/ Destruction of Graves	All	Construction	-1	2	4	5	5	5	-20	-1	1	4	2	5	2	-6	High	1	2	3	1.50	-9.00
Disturbance/ Destruction of Fossil Material	All	Construction and operation	-1	2	5	2	3	3	-9	-1	2	5	1	2	1	-2.5	Medium	1	2	1	1.17	-2.92
Loss/ Destruction of Natural Habitat and removal of protected species	All	Construction	-1	2	5	4	4	5	-18.75	-1	2	3	3	4	2	-6	Medium	1	2	2	1.33	-8.00
Habitat Fragmentation and Edge Effects	All	Construction	-1	3	5	4	3	4	-15	-1	2	3	3	3	3	-8.25	Medium	1	2	2	1.33	-11.00
Displacement of Faunal Species	All	Construction	-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	All	Construction and operation	-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	All	Construction	-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	All	Construction	-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	All	Construction and operation	-1	3	5	3	4	4	-15	-1	2	3	3	3	3	-8.25	Medium	1	2	2	1.33	-11.00
Introduction/ Invasion by Alien Species	All	Rehab and closure	-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)	All	Construction and operation	-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	All	Operation	-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	All	Operation	-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	All	Rehab and closure	-1	4	5	4	4	4	-17	-1	3	3	2	2	3	-7.5	High	1	2	1	1.17	-8.75
Altered Hydrological Regime	All	All	-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	All	Construction and operation	-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	All	Construction	-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	All	Construction and operation	-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	All (Opencast)	Planning	-1	1	5	5	3	5	-17.5	-1	1	2	3	2	2	-4	High	1	2	3	1.50	-6.00
Reduction in agricultural potential and loss of fertility	All (Opencast)	Construction and operation	-1	2	5	4	5	5	-20	-1	2	4	5	4	4	-15	Medium	2	3	3	1.83	-27.50
Reduction in agricultural potential and loss of fertility	All (Opencast)	Decommissioning	-1	2	5	4	5	5	-20	-1	2	3	3	3	3	-8.25	Medium	2	3	3	1.83	-15.13
Reduction in agricultural potential and loss of fertility	All (Opencast)	Rehab and closure	-1	2	3	3	4	4	-12	-1	2	3	3	3	3	-8.25	Medium	2	1	3	1.50	-12.38
Reduction in agricultural potential and loss of fertility	All (Underground)	Planning	-1	1	5	5	3	4	-14	-1	1	2	3	2	2	-4	High	1	2	2	1.33	-5.33
Reduction in agricultural potential and loss of fertility	All (Underground)	Construction and operation	-1	2	5	4	3	4	-14	-1	2	4	3	3	3	-9	Medium	2	2	3	1.67	-15.00
Reduction in agricultural potential and loss of fertility	All (Underground)	Decommissioning	-1	2	5	5	3	5	-18.75	-1	2	3	3	2	3	-7.5	Medium	2	2	2	1.50	-11.25
Reduction in agricultural potential and loss of fertility	All (Underground)	Rehab and closure	-1	2	3	5	3	3	-9.75	-1	2	2	2	2	2	-4	Medium	2	1	2	1.33	-5.33
Reduction in agricultural potential and loss of fertility	Stockpiles and discard dump	Planning	-1	1	5	4	3	4	-13	-1	1	2	3	2	2	-4	High	1	2	3	1.50	-6.00
Reduction in agricultural potential and loss of fertility	Stockpiles and discard dump	Construction and operation	-1	2	5	3	4	4	-14	-1	2	4	2	3	3	-8.25	High	2	3	3	1.83	-15.13
Reduction in agricultural potential and loss of fertility	Stockpiles and discard dump	Decommissioning	-1	2	5	3	4	4	-14	-1	2	3	2	3	2	-5	Medium	2	2	3	1.67	-8.33
Reduction in agricultural potential and loss of fertility	Stockpiles and discard dump	Rehab and closure	-1	2	3	4	3	4	-12	-1	2	2	2	2	2	-4	Medium	2	1	3	1.50	-6.00
Reduction in agricultural potential and loss of fertility	Wash plant	Planning	-1	1	5	5	3	4	-14	-1	1	2	4	2	3	-6.75	High	1	2	3	1.50	-10.13
Reduction in agricultural potential and loss of fertility	Wash plant	Construction and operation	-1	2	5	4	4	4	-15	-1	2	4	3	3	3	-9	High	2	3	3	1.83	-16.50
Reduction in agricultural potential and loss of fertility	Wash plant	Decommissioning	-1	2	5	5	4	4	-16	-1	2	3	3	3	3	-8.25	Medium	2	3	3	1.83	-15.13
Reduction in agricultural potential and loss of fertility	Wash plant	Rehab and closure	-1	2	3	4	3	4	-12	-1	2	2	2	2	3	-6	Medium	2	1	2	1.33	-8.00
Loss/ Disturbance of Topsoil (including contamination, erosion and compaction)	All	Construction	-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	All	Construction	-1	2	2	3	2	4	-9	-1	2	2	3	1	4	-8	Medium	2	2	1	1.33	-10.67
Gaseous and particulate emissions (including VOCs); fugitive dust	All	Operation	-1	4	4	3	3	4	-14	-1	3	4	3	1	4	-11	Medium	3	2	1	1.50	-16.50
Gaseous and particulate emissions (including VOCs); fugitive dust	All	Decommissioning	-1	3	2	3	3	4	-11	-1	2	2	3	1	4	-8	Medium	2	1	1	1.17	-9.33
Gaseous and particulate emissions (including VOCs); fugitive dust	All	Rehab and closure	-1	2	2	3	3	4	-10	-1	2	2	3	1	4	-8	Medium	2	1	1	1.17	-9.33
Visual Impacts	All	Construction and operation	-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	All	Construction and operation	-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)	All	Operation	-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	All	Construction and operation	-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.)	All	Construction and operation	-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.).	All	Construction and operation	-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.)	All	Construction and operation	-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.)	All	Construction and operation	-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	All	All	-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	All	All	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	All	All	1	5	4	3	3	4	15	1	5	4	3	3	4	15	Medium	1	1	1	1.00	15.00