

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
Groundwater: Impacts on groundwater levels		Rehab and closure	-1	2	2	1	1	2	-3	-1	2	2	1	1	2	-3	High	1	2	2	1,33	-4,00
Groundwater: Impacts on groundwater quality		Rehab and closure	-1	2	4	1	5	1	-3	-1	2	4	1	5	1	-3	High	1	2	2	1,33	-4,00
Contamination: Impacts on land contamination		Rehab and closure	-1	2	3	1	1	2	-3,5	-1	2	3	1	1	2	-3,5	High	1	2	1	1,17	-4,08
									0							0					#N/A	#N/A
Hydrological: Pollutants Entering the Surface Water Environ		Rehab and closure	-1	3	4	3	3	4	-13	-1	3	1	1	3	1	-2	High	1	2	2	1,33	-2,67
Hydrological: Decrease in Runoff		Rehab and closure	-1	1	4	1	2	5	-10	-1	1	4	1	2	5	-10	High	1	2	2	1,33	-13,33
Hydrological: Soil erosion		Rehab and closure	-1	3	3	3	3	4	-12	-1	2	1	1	2	2	-3	High	1	2	2	1,33	-4,00
Safety: Injury or death due to open shaft		Rehab and closure	-1	1	5	5	5	3	-12	-1	2	4	5	3	2	-7	High	1	2	2	1,33	-9,33
Safety: Impacts of methane - explosion risk		Rehab and closure	-1	2	5	5	5	3	-12,75	-1	2	4	4	4	3	-10,5	High	1	2	2	1,33	-14,00
Soil: Loss of land capability - Removal of all infrastructure		Decommissioning	-1	2	3	3	4	3	-9	-1	2	3	2	3	3	-7,5	High	1	2	2	1,33	-10,00
Soil: Loss of land capability - Backfilling of voids		Decommissioning	-1	2	3	3	4	3	-9	-1	2	3	2	3	3	-7,5	High	1	2	2	1,33	-10,00
Soil: Loss of land capability - Application of lime, fertilizer		Rehab and closure	1	2	4	2	2	2	5	1	2	4	3	2	3	8,25	High	1	2	2	1,33	11,00
Soil: Loss of land capability - Reseeding		Rehab and closure	-1	3	2	1	2	1	-2	1	2	2	4	1	3	6,75	High	1	2	2	1,33	9,00
Soil: Loss of land capability - ripping of compacted areas		Rehab and closure	-1	1	1	1	1	1	-1	1	2	2	3	1	3	6	High	1	2	2	1,33	8,00