

PRE-CONSTRUCTION

Nature of project Impact	Spatial extent		Severity / intensity / magnitude		Duration		Resource loss	Reversibility		Probability		Significance without mitigation	Significance with mitigation
	Without	With	Without	With	Without	With		Without	With	Without	With		
Loss of biodiversity	2	2	2	2	1	1	2	1	1	0.1	0.1	0.8	0.8
Loss of soil resources	2	2	1	1	1	1	2	1	1	0.2	0.2	1.4	1.4
Increased risk of erosion	2	2	2	2	1	1	2	1	1	0.2	0.2	1.6	1.6
Increase in nuisance dust	2	2	2	2	1	1	2	1	1	0.1	0.1	0.8	0.8
Potential impact on heritage resources	1	1	2	2	1	1	1	1	1	0.1	0.1	0.6	0.6
Increase in traffic volumes on existing traffic network	3	3	2	2	1	1	1	1	1	0.2	0.2	1.6	1.6
Waste contamination pollution from construction equipment	2	2	2	2	1	1	2	1	1	0.1	0.1	0.8	0.8
TOTAL SIGNIFICANCE												1.1	1.1
												LOW	LOW

CONSTRUCTION

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	Without	With	Without	With	Without	With		Without	With	Without	With		
Loss of biodiversity	3	1	3	2	3	3	3	3	3	1	1	15	12
Loss of soil resources	3	1	3	2	3	3	3	3	3	1	1	15	12
Increased risk of erosion	2	1	5	3	3	3	3	3	1	0.5	0.3	8	3.3
Increase in nuisance dust	3	1	4	3	3	3	2	1	1	0.8	0.3	10.4	3
Increase in ambient noise levels	3	2	3	2	3	3	3	3	1	0.6	0.3	9	3.3
Potential impact on heritage resources	1	1	2	2	1	1	1	1	1	0.1	0.1	0.6	0.6
Increase in traffic volumes on existing traffic network	3	2	4	2	3	3	2	1	1	0.5	0.3	6.5	3
Waste contamination pollution from construction equipment	3	1	5	3	3	3	5	3	1	0.5	0.3	9.5	3.9
TOTAL SIGNIFICANCE												9.3	5.1
												MEDIUM	LOW

OPERATION

Nature of project Impact	Spatial extent		Severity / intensity / magnitude		Duration		Resource loss	Reversibility		Probability		Significance without mitigation	Significance with mitigation
	Without	With	Without	With	Without	With		Without	With	Without	With		
Health and safety impacts	1	1	4	2	3	3	4	3	3	0.4	0.2	6	2.6
Stormwater management	3	1	5	3	7	2	3	1	1	0.7	0.3	13.3	3
Noise impact associated with quarrying	3	2	4	3	3	3	3	3	1	0.6	0.5	9.6	6
Air quality / dust impact associated with quarrying	3	2	4	2	3	3	3	3	1	0.4	0.4	6.4	4.4
Increased risk of erosion	3	1	5	2	3	3	4	3	3	0.7	0.4	12.6	5.2
Potential impact on heritage resources	1	1	2	2	1	1	1	1	1	0.1	0.1	0.6	0.6
Waste contamination pollution from construction equipment	3	1	5	3	3	3	5	3	1	0.5	0.3	9.5	3.9
Employment opportunities	2	2	7	7	3	3	5	7	7	1	1	24	24
Loss of agricultural land	2	1	5	2	3	3	7	3	3	0.9	0.9	18	14.4
Alien vegetation encroachment	3	1	5	3	7	3	5	7	3	0.8	0.3	21.6	4.5
TOTAL SIGNIFICANCE												12.16	6.86
												MEDIUM	LOW

DECOMMISSIONING

Nature of project Impact	Spatial extent		Severity / intensity / magnitude		Duration		Resource loss	Reversibility		Probability		Significance without mitigation	Significance with mitigation
	Without	With	Without	With	Without	With		Without	With	Without	With		
Increased risk of erosion	2	1	5	2	3	1	4	7	3	0.6	0.2	12.6	2.2
Alien vegetation encroachment	2	1	5	2	3	1	4	3	1	0.6	0.1	10.2	0.9
TOTAL SIGNIFICANCE												11.4	1.6
												MEDIUM	LOW