

Appendix E

Assessment Spreadsheets

Scenario 1: Air and water quality weighting of 6

Specialist Assessment	Option 1 - Do Nothing		Option 2 - Permitted Activity Development		Option 3 - Five Stage Development		Option 4 - Area 2B Maximum Expansion		Workshop Weighting
	R	W	R	W	R	W	R	W	
Quarry Operations	-3.0	-3.0	-1.0	-1.0	2.0	2.0	3.0	3.0	1
Geo-technical	0	0.0	2.5	0.8	3.0	0.9	2.0	0.6	0.3
Landscape	0	0.0	-2.0	-1.8	-3.0	-2.7	-3.0	-2.7	0.9
Terrestrial Ecology	0	0.0	-1.0	-0.8	-2.0	-1.6	-2.0	-1.6	0.8
Air Quality	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Water Quality	0	0.0	-0.3	-0.2	-1.0	-0.6	-1.0	-0.6	0.6
Aggregate Raw Scores	-3.0		-1.8		-1.0		-1.0		
Raw Score Rank	4		3		1		1		
Aggregate Weighted Scores*	-3.0		-3.0		-2.0		-1.3		
Weighted Score Rank	4		3		2		1		

Weighting Method: To obtain aggregate weighted scores, individual raw scores have been multiplied by the workshop weighting value (with a workshop weighting value of 10 being multiplied by a factor of 1, a workshop weighting value of 9 being multiplied by a factor of 0.9 and so on). Individual weighted scores for each option have then been aggregated to produce final aggregate weighted scores.

Note: All scores have been rounded to a single decimal place.

Scenario 2: Landscape weighting of 10

Specialist Assessment	Option 1 - Do Nothing		Option 2 - Permitted Activity Development		Option 3 - Five Stage Development		Option 4 - Area 2B Maximum Expansion		Workshop Weighting
	R	W	R	W	R	W	R	W	
Quarry Operations	-3.0	-3.0	-1.0	-1.0	2.0	2.0	3.0	3.0	1
Geo-technical	0	0.0	2.5	0.8	3.0	0.9	2.0	0.6	0.3
Landscape	0	0.0	-2.0	-2.0	-3.0	-3.0	-3.0	-3.0	1
Terrestrial Ecology	0	0.0	-1.0	-0.8	-2.0	-1.6	-2.0	-1.6	0.8
Air Quality	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Water Quality	0	0.0	-0.3	-0.1	-1.0	-0.3	-1.0	-0.3	0.3
Aggregate Raw Scores	-3.0		-1.8		-1.0		-1.0		
Raw Score Rank	4		3		1		1		
Aggregate Weighted Scores*	-3.0		-3.1		-2.0		-1.3		
Weighted Score Rank	3		4		2		1		

*Weighting Method: To obtain aggregate weighted scores, individual raw scores have been multiplied by the workshop weighting value (with a workshop weighting value of 10 being multiplied by a factor of 1, a workshop weighting value of 9 being multiplied by a factor of 0.9 and so on). Individual weighted scores for each option have then been aggregated to produce final aggregate weighted scores.

Note: All scores have been rounded to a single decimal place.

Scenario 3: Landscape and terrestrial ecology weighting of 10

Specialist Assessment	Option 1 - Do Nothing		Option 2 - Permitted Activity Development		Option 3 - Five Stage Development		Option 4 - Area 2B Maximum Expansion		Workshop Weighting
	R	W	R	W	R	W	R	W	
Quarry Operations	-3.0	-3.0	-1.0	-1.0	2.0	2.0	3.0	3.0	1
Geo-technical	0	0.0	2.5	0.8	3.0	0.9	2.0	0.6	0.3
Landscape	0	0.0	-2.0	-2.0	-3.0	-3.0	-3.0	-3.0	1
Terrestrial Ecology	0	0.0	-1.0	-1.0	-2.0	-2.0	-2.0	-2.0	1
Air Quality	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Water Quality	0	0.0	-0.3	-0.1	-1.0	-0.3	-1.0	-0.3	0.3
Aggregate Raw Scores	-3.0		-1.8		-1.0		-1.0		
Raw Score Rank	4		3		1		1		
Aggregate Weighted Scores*	-3.0		-3.3		-2.4		-1.7		
Weighted Score Rank	3		4		2		1		

*Weighting Method: To obtain aggregate weighted scores, individual raw scores have been multiplied by the workshop weighting value (with a workshop weighting value of 10 being multiplied by a factor of 1, a workshop weighting value of 9 being multiplied by a factor of 0.9 and so on). Individual weighted scores for each option have then been aggregated to produce final aggregate weighted scores.

Note: All scores have been rounded to a single decimal place.

Scenario 4: Geotechnical weighting of 8

Specialist Assessment	Option 1 - Do Nothing		Option 2 - Permitted Activity Development		Option 3 - Five Stage Development		Option 4 - Area 2B Maximum Expansion		Workshop Weighting
	R	W	R	W	R	W	R	W	
Quarry Operations	-3.0	-3.0	-1.0	-1.0	2.0	2.0	3.0	3.0	1
Geo-technical	0	0.0	2.5	2.0	3.0	2.4	2.0	1.6	0.8
Landscape	0	0.0	-2.0	-1.8	-3.0	-2.7	-3.0	-2.7	0.9
Terrestrial Ecology	0	0.0	-1.0	-0.8	-2.0	-1.6	-2.0	-1.6	0.8
Air Quality	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Water Quality	0	0.0	-0.3	-0.1	-1.0	-0.3	-1.0	-0.3	0.3
Aggregate Raw Scores	-3.0		-1.8		-1.0		-1.0		
Raw Score Rank	4		3		1		1		
Aggregate Weighted Scores	-3.0		-1.7		-0.2		0.0		
Weighted Score Rank	4		3		2		1		

*Weighting Method: To obtain aggregate weighted scores, individual raw scores have been multiplied by the workshop weighting value (with a workshop weighting value of 10 being multiplied by a factor of 1, a workshop weighting value of 9 being multiplied by a factor of 0.9 and so on). Individual weighted scores for each option have then been aggregated to produce final aggregate weighted scores.

Note: All scores have been rounded to a single decimal place.

Scenario 5: Maximum weightings

Specialist Assessment	Option 1 - Do Nothing		Option 2 - Permitted Activity Development		Option 3 - Five Stage Development		Option 4 - Area 2B Maximum Expansion		Workshop Weighting
	R	W	R	W	R	W	R	W	
Quarry Operations	-3.0	-3.0	-1.0	-1.0	2.0	2.0	3.0	3.0	1
Geo-technical	0	0.0	2.5	2.0	3.0	2.4	2.0	1.6	0.8
Landscape	0	0.0	-2.0	-2.0	-3.0	-3.0	-3.0	-3.0	1
Terrestrial Ecology	0	0.0	-1.0	-1.0	-2.0	-2.0	-2.0	-2.0	1
Air Quality	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Water Quality	0	0.0	-0.3	-0.2	-1.0	-0.6	-1.0	-0.6	0.6
Aggregate Raw Scores	-3.0		-1.8		-1.0		-1.0		
Raw Score Rank	4		3		1		1		
Aggregate Weighted Scores	-3.0		-2.2		-1.2		-1.0		
Weighted Score Rank	4		3		2		1		

*Weighting Method: To obtain aggregate weighted scores, individual raw scores have been multiplied by the workshop weighting value (with a workshop weighting value of 10 being multiplied by a factor of 1, a workshop weighting value of 9 being multiplied by a factor of 0.9 and so on). Individual weighted scores for each option have then been aggregated to produce final aggregate weighted scores.

Note: All scores have been rounded to a single decimal place.

Scenario 6: Quarry Operations 5

Specialist Assessment	Option 1 - Do Nothing		Option 2 - Permitted Activity Development		Option 3 - Five Stage Development		Option 4 - Area 2B Maximum Expansion		Workshop Weighting
	R	W	R	W	R	W	R	W	
Quarry Operations	-3.0	-1.5	-1.0	-0.5	2.0	1.0	3.0	1.5	0.5
Geo-technical	0	0.0	2.5	0.8	3.0	0.9	2.0	0.6	0.3
Landscape	0	0.0	-2.0	-1.8	-3.0	-2.7	-3.0	-2.7	0.9
Terrestrial Ecology	0	0.0	-1.0	-0.8	-2.0	-1.6	-2.0	-1.6	0.8
Air Quality	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Water Quality	0	0.0	-0.3	-0.1	-1.0	-0.3	-1.0	-0.3	0.3
Aggregate Raw Scores	-3.0		-1.8		-1.0		-1.0		
Raw Score Rank	4		3		1		1		
Aggregate Weighted Scores	-1.5		-2.4		-2.7		-2.5		
Weighted Score Rank	1		2		4		3		

*Weighting Method: To obtain aggregate weighted scores, individual raw scores have been multiplied by the workshop weighting value (with a workshop weighting value of 10 being multiplied by a factor of 1, a workshop weighting value of 9 being multiplied by a factor of 0.9 and so on). Individual weighted scores for each option have then been aggregated to produce final aggregate weighted scores.

Note: All scores have been rounded to a single decimal place.