

Model to gauge the desirability of incorporating a specific parcel within the urban edge

	Score (1-10)	Weight	Weighted score
HERITAGE/NATURAL ENVIRONMENT			
Inevitable damage to prominent landform and character areas	6	-0.05	-0.30
Inevitable negative visual impact	6	-0.05	-0.30
Inevitable damage to cultural/heritage resource areas	6	-0.05	-0.30
Inevitable damage to conservation sites/ecological resources	10	-0.15	-1.50
AGRICULTURAL POTENTIAL			
Inevitable damage to potential high-intensity agriculture	3	-0.30	-0.90
BUILT ENVIRONMENT			
Services infrastructure in place (capacity and reach)	3	0.30	0.90
Within reach of higher order roads, access routes, transport infrastructure	6	0.05	0.30
Adjacent to existing built area	7	0.05	0.35
Ability to accommodate a specific urban land-use category (compared to other vacant land)	3	0.10	0.30
Contains informal settlements	1	0.10	0.10
Inevitable disaster risk	4	-0.30	-1.20
Urban structural integration ability	2	0.20	0.40
Natural absorption area/ will densify existing city or town	2	0.30	0.60
Inherent site-specific obstacle	1	0.10	0.10
POTENTIAL CONTRIBUTION TO ECONOMIC BASE	1	0.70	0.70
		1.00	-0.75

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Urban structural integration ability	3	0.20	0.60
Natural absorption area/ will densify existing city or town	2	0.30	0.60
Inherent site-specific obstacle	4	0.10	0.40
POTENTIAL CONTRIBUTION TO ECONOMIC BASE	3	0.70	2.10
		1.00	2.20

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Inevitable negative visual impact	4	-0.05	-0.20
Inevitable damage to cultural/heritage resource areas	2	-0.05	-0.10
Inevitable damage to conservation sites/ecological resources	7	-0.15	-1.05
AGRICULTURAL POTENTIAL			
Inevitable damage to potential high-intensity agriculture	3	-0.30	-0.90
BUILT ENVIRONMENT			
Services infrastructure in place (capacity and reach)	6	0.30	1.80
Within reach of higher order roads, access routes, transport infrastructure	9	0.05	0.45
Adjacent to existing built area	7	0.05	0.35
Ability to accommodate a specific urban land-use category (compared to other vacant land)	3	0.10	0.30
Contains informal settlements	1	0.10	0.10
Inevitable disaster risk	3	-0.30	-0.90
Urban structural integration ability	5	0.20	1.00
Natural absorption area/ will densify existing city or town	2	0.30	0.60
Inherent site-specific obstacle	8	0.10	0.80
POTENTIAL CONTRIBUTION TO ECONOMIC BASE	10	0.70	7.00
		1.00	9.05

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AGRICULTURAL POTENTIAL			
Inevitable damage to potential high-intensity agriculture	2	-0.30	-0.60
BUILT ENVIRONMENT			
Services infrastructure in place (capacity and reach)	6	0.30	1.80
Within reach of higher order roads, access routes, transport infrastructure	9	0.05	0.45
Adjacent to existing built area	7	0.05	0.35
Ability to accommodate a specific urban land-use category (compared to other vacant land)	8	0.10	0.80
Contains informal settlements	1	0.10	0.10
Inevitable disaster risk	6	-0.30	-1.80
Urban structural integration ability	4	0.20	0.80
Natural absorption area/ will densify existing city or town	2	0.30	0.60
Inherent site-specific obstacle	8	0.10	0.80
POTENTIAL CONTRIBUTION TO ECONOMIC BASE	10	0.70	7.00
		1.00	8.00

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north	-0.75
east north	2.20
east south	9.05
south	8.00

