

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	1	-0.05	-0.05
Inevitable negative visual impact	1	-0.05	-0.05
Inevitable damage to cultural/heritage resource areas	1	-0.05	-0.05
Inevitable damage to conservation sites/ecological resources	1	-0.15	-0.15
AGRICULTURAL POTENTIAL			
Inevitable damage to potential high-intensity agriculture	4	-0.30	-1.20
BUILT ENVIRONMENT			
Services infrastructure in place (capacity and reach)	4	0.30	1.20
Within reach of higher order roads, access routes, transport infrastructure	3	0.05	0.15
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	1	-0.30	-0.30
Urban structural integration ability	1	0.20	0.20
Natural absorption area/ will densify existing city or town	1	0.30	0.30
Inherent site-specific obstacle	10	0.10	1.00
POTENTIAL CONTRIBUTION TO ECONOMIC BASE	2	0.70	1.40
		1.00	3.70

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AGRICULTURAL POTENTIAL			
Inevitable damage to potential high-intensity agriculture	5	-0.30	-1.50
BUILT ENVIRONMENT			
Services infrastructure in place (capacity and reach)	8	0.30	2.40
Within reach of higher order roads, access routes, transport infrastructure	8	0.05	0.40
Adjacent to existing built area	10	0.05	0.50
Ability to accommodate a specific urban land-use category (compared to other vacant land)	10	0.10	1.00
Contains informal settlements	1	0.10	0.10
Inevitable disaster risk	1	-0.30	-0.30
Urban structural integration ability	6	0.20	1.20
Natural absorption area/ will densify existing city or town	6	0.30	1.80
Inherent site-specific obstacle	10	0.10	1.00
POTENTIAL CONTRIBUTION TO ECONOMIC BASE	7	0.70	4.90
		1.00	11.20

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Inevitable disaster risk	1	-0.30	-0.30
Urban structural integration ability	10	0.20	2.00
Natural absorption area/ will densify existing city or town	9	0.30	2.70
Inherent site-specific obstacle	6	0.10	0.60
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Natural absorption area/ will densify existing city or town	2	0.30	0.60
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Urban Edge Measurement: Porterville

