

Table 1: Criteria and suitability ratings for the housing suitability analysis.

Criteria	Reclassification Criteria	Suitability
Distance to Water Network	1 (0 - 600 M)	Lowest Suitability
	9 (600 - 900 M)	Highest Suitability
	8 (900 - 1200 M)	Very High Suitability
	7 (1200 - 1500 M)	High Suitability
	6 (1500 - 1800 M)	Moderately High Suitability
	5 (1800 - 2100 M)	Moderate Suitability
	4 (2100 -2400 M)	Moderately Low Suitability
	3 (2400 - 2700 M)	Low Suitability
	2 (2700 - 3000 M)	Very Low Suitability
	1 (3000 < M)	Lowest Suitability
Distance to Social Infrastructure	1 (0 - 900 M)	Lowest Suitability
	9 (900 -1500 M)	Highest Suitability
	6 (1500 - 3000 M)	Moderately High Suitability
	3 (3000 - 4500 M)	Low Suitability
	1 (4500 < M)	Lowest Suitability
Distance to Road Network	1 (0 - 300 M)	Lowest Suitability
	9 (300 - 600 m)	Highest Suitability
	8 (600 - 900 M)	Very High Suitability
	7 (900 - 1200 M)	High Suitability
	6 (1200 - 1500 M)	Moderately High Suitability
	5 (1500 - 1800 M)	Moderate Suitability
	4 (1800 - 2100 M)	Moderately Low Suitability
	3 (2100 -2160 M)	Low Suitability
	2 (2160 - 2250 M)	Very Low Suitability
	1 (2250 < M)	Lowest Suitability
Slope	1 (0 - 3 M)	Lowest Suitability
	9 (3 - 6 M)	Highest Suitability
	6 (6 - 9 M)	Moderately High Suitability
	3 (9 - 15 M)	Low Suitability
	1 (15 < M)	Lowest Suitability
Distance to Commercial Facilities	1 (0 - 300 M)	Lowest Suitability
	9 (300 - 600 m)	Highest Suitability
	8 (600 - 900 M)	Very High Suitability
	7 (900 - 1200 M)	High Suitability
	6 (1200 - 1500 M)	Moderately High Suitability
	5 (1500 - 1800 M)	Moderate Suitability
	4 (1800 - 2100 M)	Moderately Low Suitability
	3 (2100 -2160 M)	Low Suitability
	2 (2160 - 2250 M)	Very Low Suitability
	1 (2250 < M)	Lowest Suitability