



Name: _____

Date: _____

Chart for Option 2: Area of Land Coverage

Land coverage	Map A 100 years ago		Map B 50 years ago		Map C Present	
	km ²	%	km ²	%	km ²	%
Forest						
Grasslands						
Wetlands						
Residential						
Agricultural						
Stream						

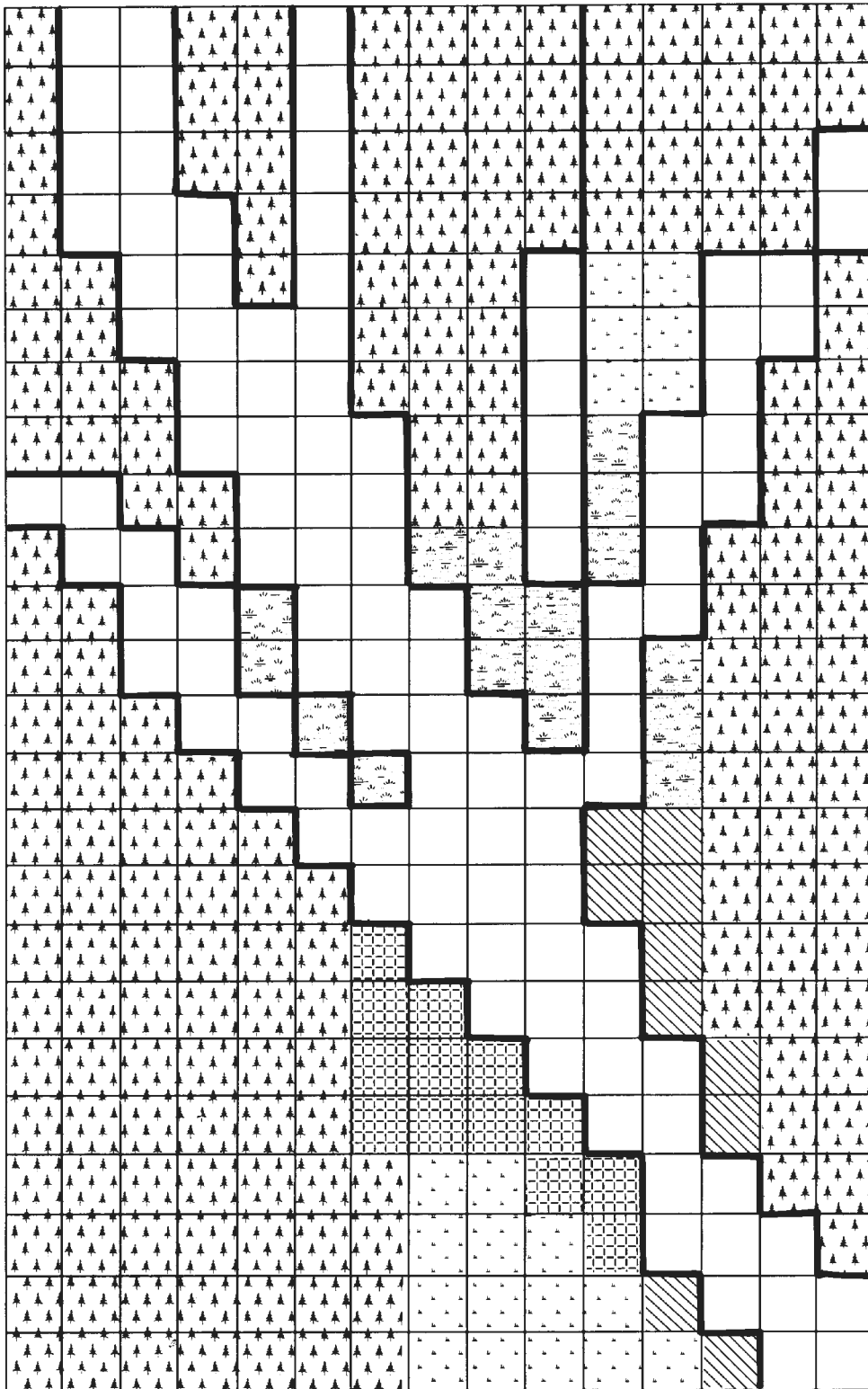
Chart for Option 3: Volume of Rain and Volume of Runoff

Land coverage and % runoff	Map A 100 years ago		Map B 50 years ago		Map C Present	
	volume m ³	runoff m ³	volume m ³	runoff m ³	volume m ³	runoff m ³
Forest 20% runoff						
Grasslands 10% runoff						
Wetlands 5% runoff						
Residential 90% runoff						
Agricultural 30% runoff						
Total runoff						
Total runoff plus stream discharge (5,550,000 m ³)						





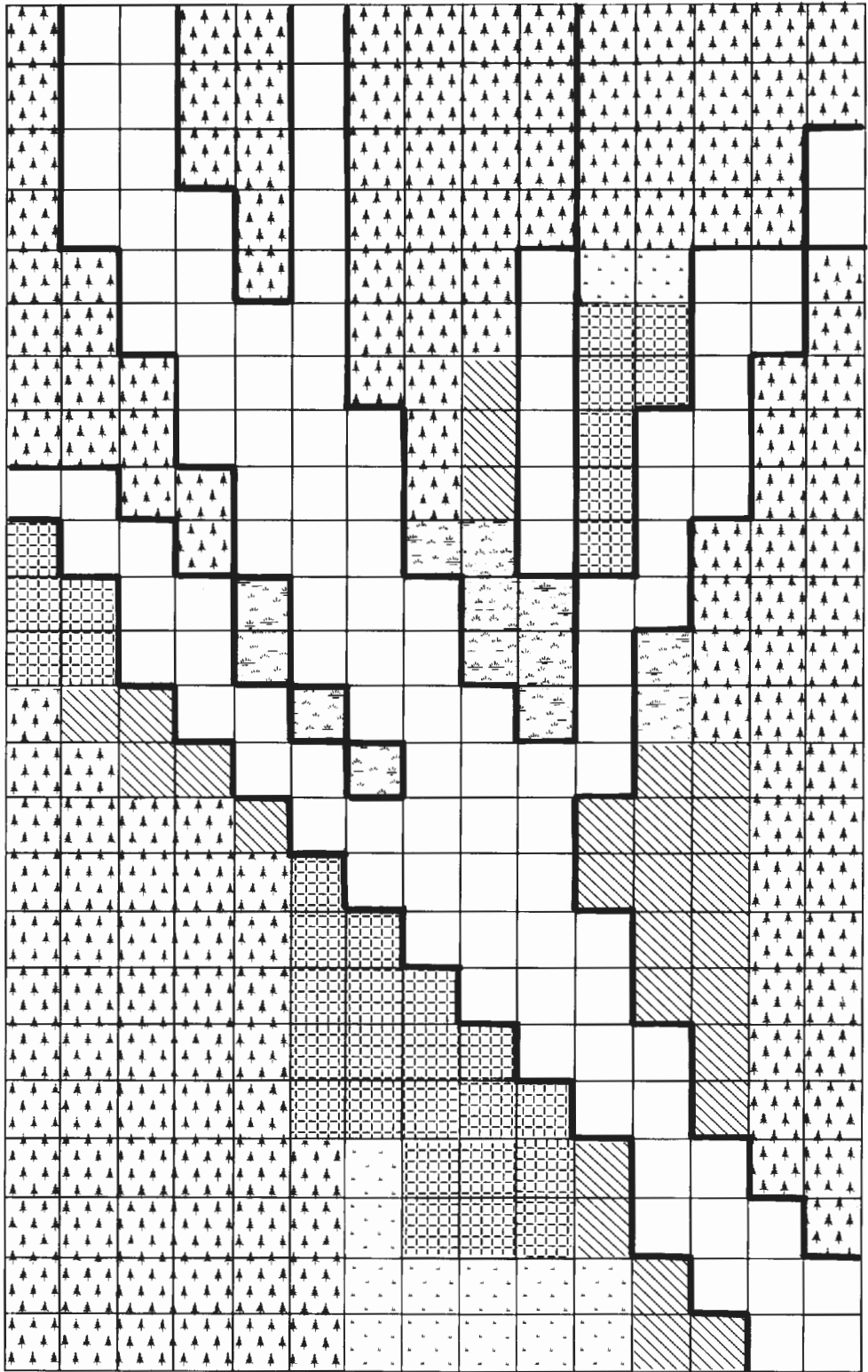
Map A: 100 Years Ago









KEY

	FOREST
	GRASSLANDS
	WETLANDS
	RESIDENTIAL
	AGRICULTURAL
	STREAM

Map B: 50 Years Ago

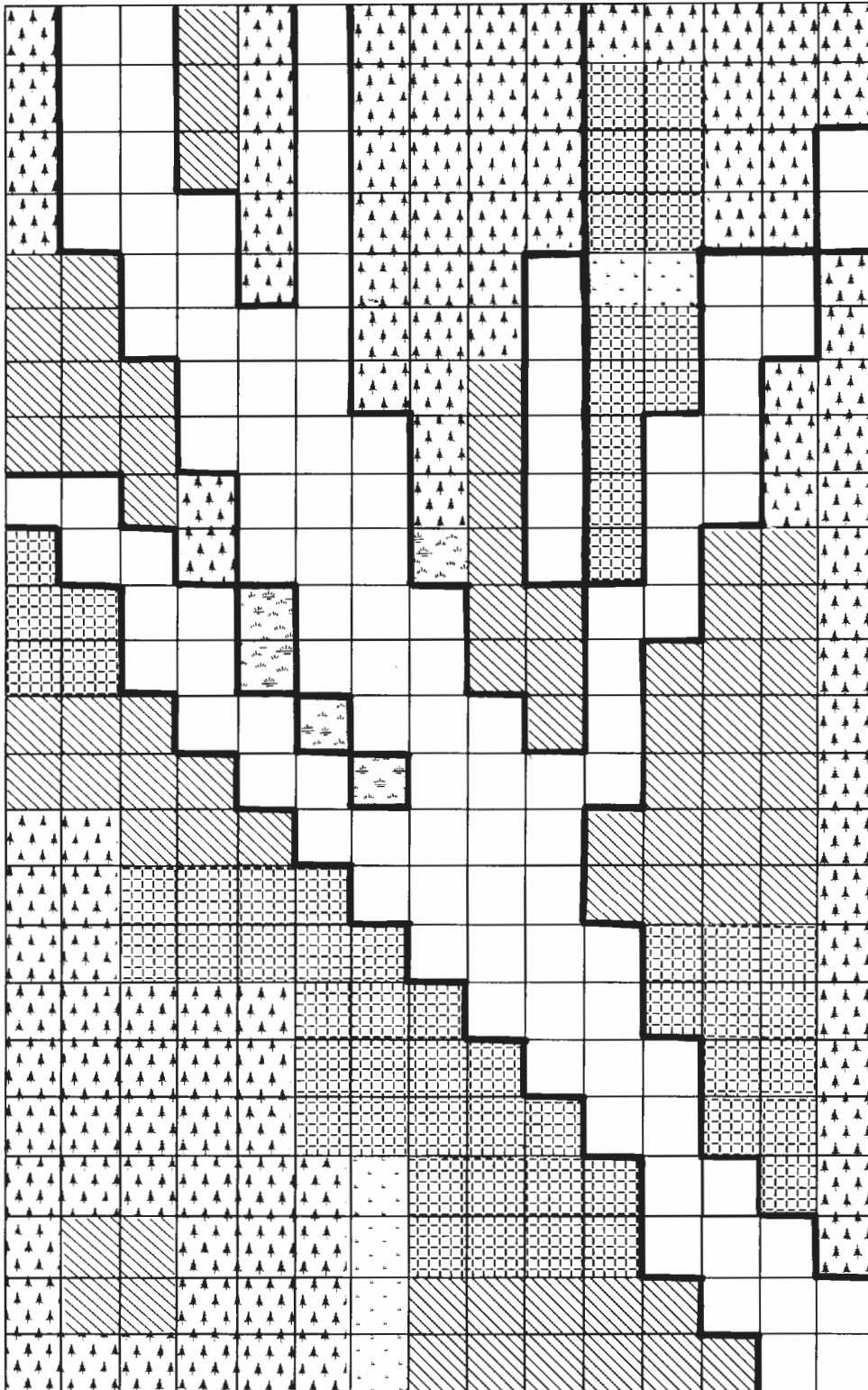


KEY

	FOREST
	GRASSLANDS
	WETLANDS
	RESIDENTIAL
	AGRICULTURAL
	STREAM



Map C: Present



KEY

	FOREST
	GRASSLANDS
	WETLANDS
	RESIDENTIAL
	AGRICULTURAL
	STREAM