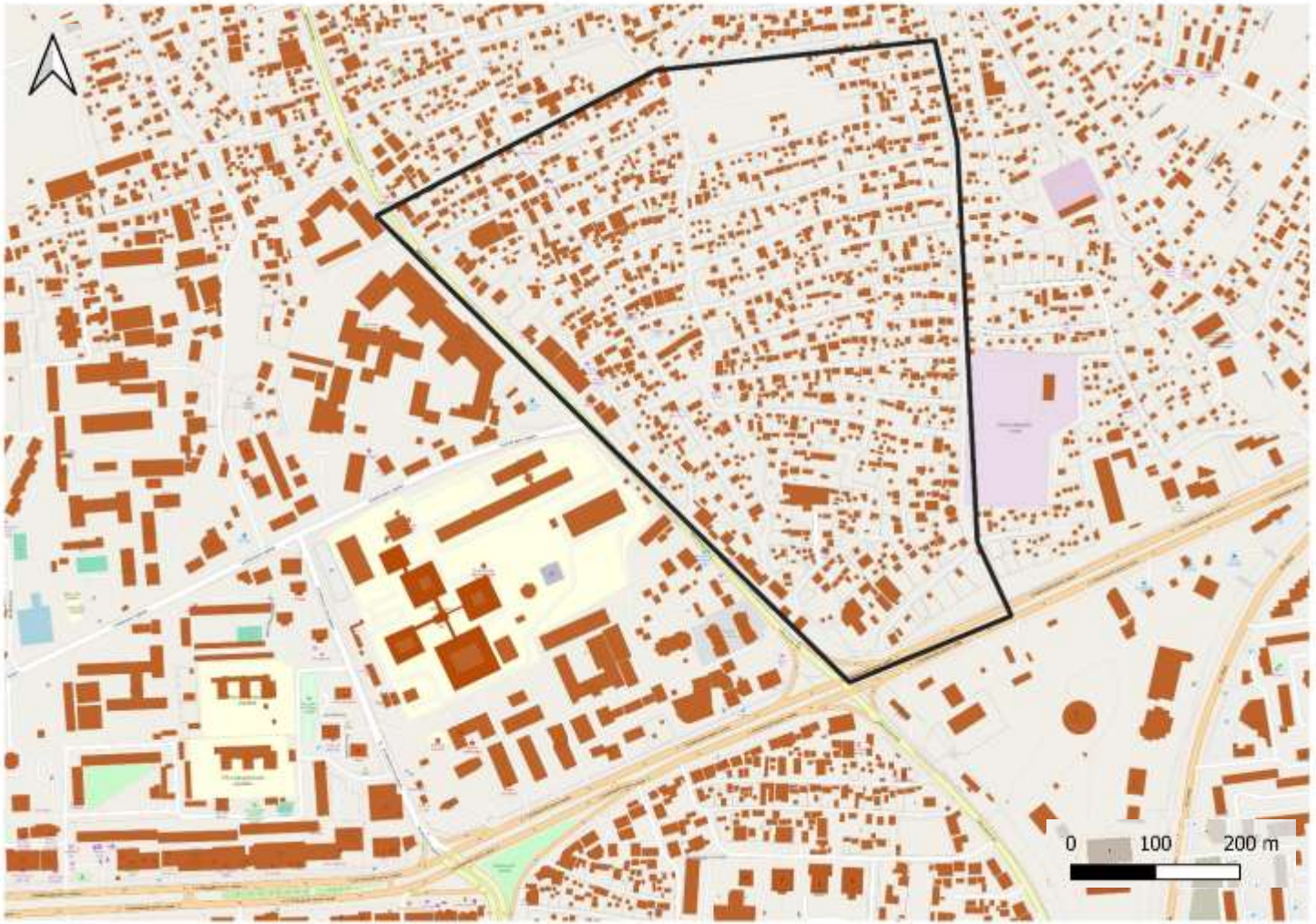


LANDFORMS, LANDSCAPES & LAND USE



Use only this map. Show all working on the map, then answer on your sheet. Answers without on-map evidence lose credit.

A) Sub-zones inside the ger district (1.5 pts)

Within the boundary, shade and label 3 sub-zones. For each sub-zone, write one concrete map clue.

Marking: 0.9 pts correct, sensible sub-zone boundaries (0.3×3), 0.6 pts three specific clues (0.2×3)

B) Access to services outside the boundary (2 pts)

Pick a central point you choose inside the boundary and mark it X.

1. Trace the shortest walkable route along streets from X to the nearest major paved road outside the boundary.
2. Using the scale bar, measure the route length (m) and estimate walking time at 4 km/h.

Marking: 0.5 pt clear route drawn, 0.7 pt correct distance, 0.8 pt time estimate shown with working

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C) Density sampling inside the ger district (2.5 pts)

Draw two 100 m × 100 m squares inside the boundary: square G1 near the edge by the arterial; square G2 in the upper/northern area. Count roofs in each square, compute dwellings per hectare, and compare which is denser and by how much? Each dwelling has average 4 person.

Marking: 0.7 pt squares to scale & in requested places, 0.9 pt counts per-hectare calculations, 0.9 pt quantitative comparison

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D) Community water kiosk (2 pts)

Mark two candidates S1 and S2 inside the boundary for new water kiosks. Rank them and justify with three map-read criteria. *Marking: 1 pt reasonable S1/S2 locations, 1.0 pt ranking 3 criteria tied to the map*

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E) Rain hazard spot (2 pt)

Mark $\triangle$ at one point inside the boundary where flash-runoff/erosion is more likely. Give one map-based reason.

Marking: 1 pt plausible spot + 1 pt clear reason

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