

## Mapping Exercise: Mildura

The following activities are based on the GTAV Mildura topographic map and aerial photo broadsheet. The activities were originally published in *Interaction*. Copies of this map can be purchased from the GTAV at the *special price* of \$1.10 each.

1. Using the small location map in the key, describe the location of Mildura.

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2. Describe the location of Irymple in relation to:

a. Mildura

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b. Kings Billabong

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3. What is the purpose of a scale on a map? What is the scale of this map?

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4. Identify which section of the topographical map is shown in the aerial photo. Give the grid squares covered by the photo.

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5. Study the aerial photo.

a. Identify and name five land uses along the banks of the river.

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b. Suggest reasons for their location.

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6. Locate and classify the resources found at the following grid references:

a. 105173

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b. 146114

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c. 075170

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d. 073176.

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7. Give grid references for the following sites:

- a. Mildura Bridge \_\_\_\_\_
- b. Irymple railway station \_\_\_\_\_
- c. Mildura ski club \_\_\_\_\_
- d. the intersection of Calder Highway and Cowra Ave. \_\_\_\_\_

8. In which direction does the Mildura/Yelk railway line run?

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9. If you were to stand on top of the water tower in Gol Gol (GR 119173) and looked towards the following sites, in which direction would you be facing?

- a. Mildura city centre \_\_\_\_\_
- b. Sandlong Park Racecourse \_\_\_\_\_
- c. Irymple \_\_\_\_\_
- d. Gol Gol township \_\_\_\_\_

10. Estimate the area covered by:

- a. Ornamental Lakes Park \_\_\_\_\_
- b. Sand Quarry (south east of Gol Gol). \_\_\_\_\_

11. Describe the main land uses in this region.

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12. Compare the main patterns of sealed roads on the southern and northern side of the river. Suggest reasons for these patterns.

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13. Estimate the distance that you would travel from:

- a. Mildura railway station to Irymple railway station (by rail)

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- b. Mildura bridge to Bruce Bend (by river).

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14. What is a contour line? What is the contour interval for this map?

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15. Describe the general topography (shape of the land) of the region covered by this map.

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\_\_\_\_\_

16. Construct a précis map showing the distribution of orchards and vineyards, as shown on the aerial photo. Include the river, bridge and one or two main roads. Complete your map with full BOLTTS.