

CANBERRA TOPOGRAPHIC MAP EXTRACT

2.1

ACTIVITIES

- 1 What is the scale of the map extract?
- 2 What is the contour interval used on the map extract?
- 3 Using the map extract and Figure 2.1a, identify the features labelled a to l on the aerial photograph of Canberra.
- 4 Identify the feature of the physical environment located at:
 - a GR 985985
 - b GR 848834
 - c GR 860790
 - d GR 878951.
- 5 Identify the feature of the built environment located at:
 - a GR 904983
 - b GR 948918
 - c GR 883918
 - d GR 912974.
- 6 Give the grid reference of five recreational activities found on the map extract.
- 7 What river has been dammed to form Lake Burley Griffin?
- 8 What type of vegetation is found in AR 8489?
- 9 What type of landuse is found at GR 893937?
- 10 Identify the feature of the built environment located 5.2 km to the south-west of the summit of Mount Ainslie (GR 964949).
- 11 What is the direction of Black Mountain (GR 908946) from Parliament House (AR 9390)?
- 12 What is the aspect of the slope in AR 9193?
- 13 What is the bearing of Parliament House from the Australian War Memorial (AR 9593)?
- 14 What is the length of the north-south runway at Fairbairn Airport?
- 15 What is the straight-line distance between Parliament House and the Australian War Memorial?
- 16 Estimate the distance by road from the showground (GR 956994) to Parliament House.
- 17 Calculate the time it would take to travel from the showground to Parliament House at an average speed of 60 km/h.
- 18 Estimate the density of buildings in AR 9880.
- 19 What is the height of the landform feature at GR 994033?
- 20 Estimate the height of the landform feature at GR 979034.
- 21 What is the difference in elevation of Black Mountain and Mount Ainslie?
- 22 What is the difference in elevation of Mount Majura (GR 984984) and Mount Arawang (GR 859844)?
- 23 What is the local relief in AR 9678?
- 24 Is Red Hill (AR 9288) visible from the summit of Mount Ainslie?
- 25 Is Majura (AR 9994) visible from the summit of Black Mountain?
- 26 Calculate the gradient of the slope between GR 965785 and GR 968795.
- 27 What evidence is there that Canberra is a planned city?
- 28 Undertake library research. When was Canberra founded? Outline the process involved in the selection of the site. Who was Walter Burley Griffin? What role did he play in the development of Canberra?
- 29 Working in groups, brainstorm the advantages and disadvantages of living in a planned city such as Canberra. Share your group's findings with the rest of the class.

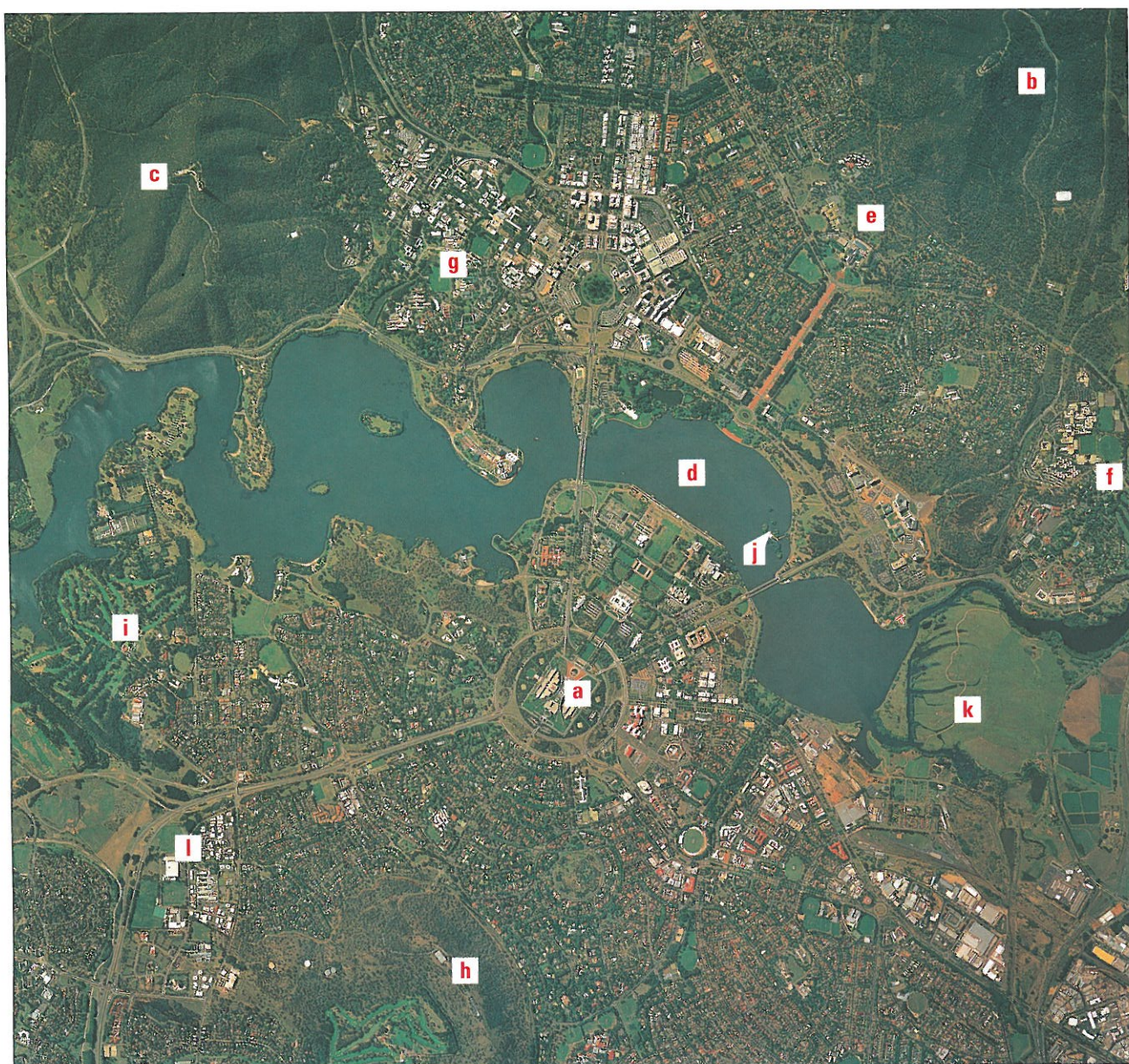
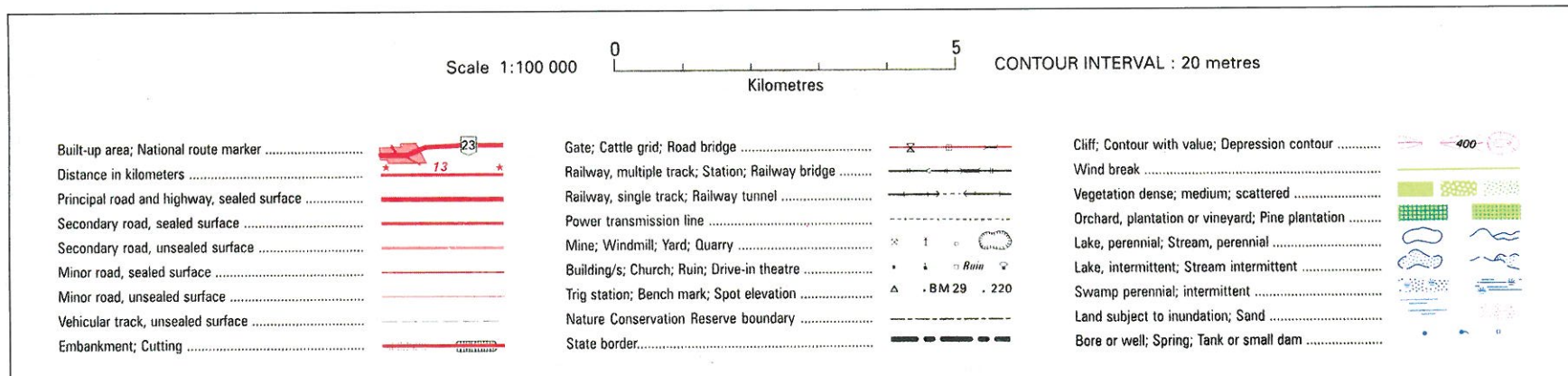


Figure 2.1a Aerial photograph of central Canberra.



Canberra topog

