

CBC Navigation Training Exercise Callum Brae Nature Reserve

What to bring: Base plate compass, 8727-3N Canberra 1:25000 topographic map or printed map segment (see how in the PrintMapSegment sheet), pencil/pen, clothing suitable for the weather, gaiters, water and snack, hat and sun screen

How long will it take? Around 4 hours. Distance around 7km through open woodland

What to do?

Print the Route Card

Use your map to determine a GR if it is not given. Mark the location on your map/segment

For each leg, use map and compass to measure the Grid bearing. Convert to Magnetic bearing (GMS) using grid-magnetic angle of 14°

If a bearing and distance is given, use map and compass to project the To wpt

Have fun!

Route Card

Wpt # From	Description	GR	Wpt # To	Description	GR	Grid bearing to next?	Magnetic bearing to next?	Straight line distance for leg?
1	Entrance to NR on Narrabundah Lane		2	Big butt tree	942856			
2	Big butt tree	942856	3	Northern Explosives Store				
	Walk to the Southern Explosives Store, view the signage, walk to the Central Explosives Store							
3	Centre Explosives Store		4	Symonston Pumping Station				
4	Symonston Pumping Station	942850	5	Crest of spur What's the elevation here?	946849			
5	Crest of spur	946849	6	SW extent of Callum Brae NR Don't cross the NR boundary	942841			
6	SW extent of Callum Brae NR	942841	7	Power pole at first bend Power line, fence are handrails				775m
7	Power pole at first bend		8	Dam			343°	290m
8	Dam		9	Horizontal tree	952847			
9	Horizontal tree	952847	10	Gate	953847			
10	Gate	953847	11	Creek line Don't cross into 'Callum Brae'			328°	595m
11	Creek line		12	Back to start Don't cross into private property				

Grid-Magnetic angle = 14°

GMS

MGA

After you're finished

Scan or photograph your completed route card and email to the CBC Walks Sec