Rydal

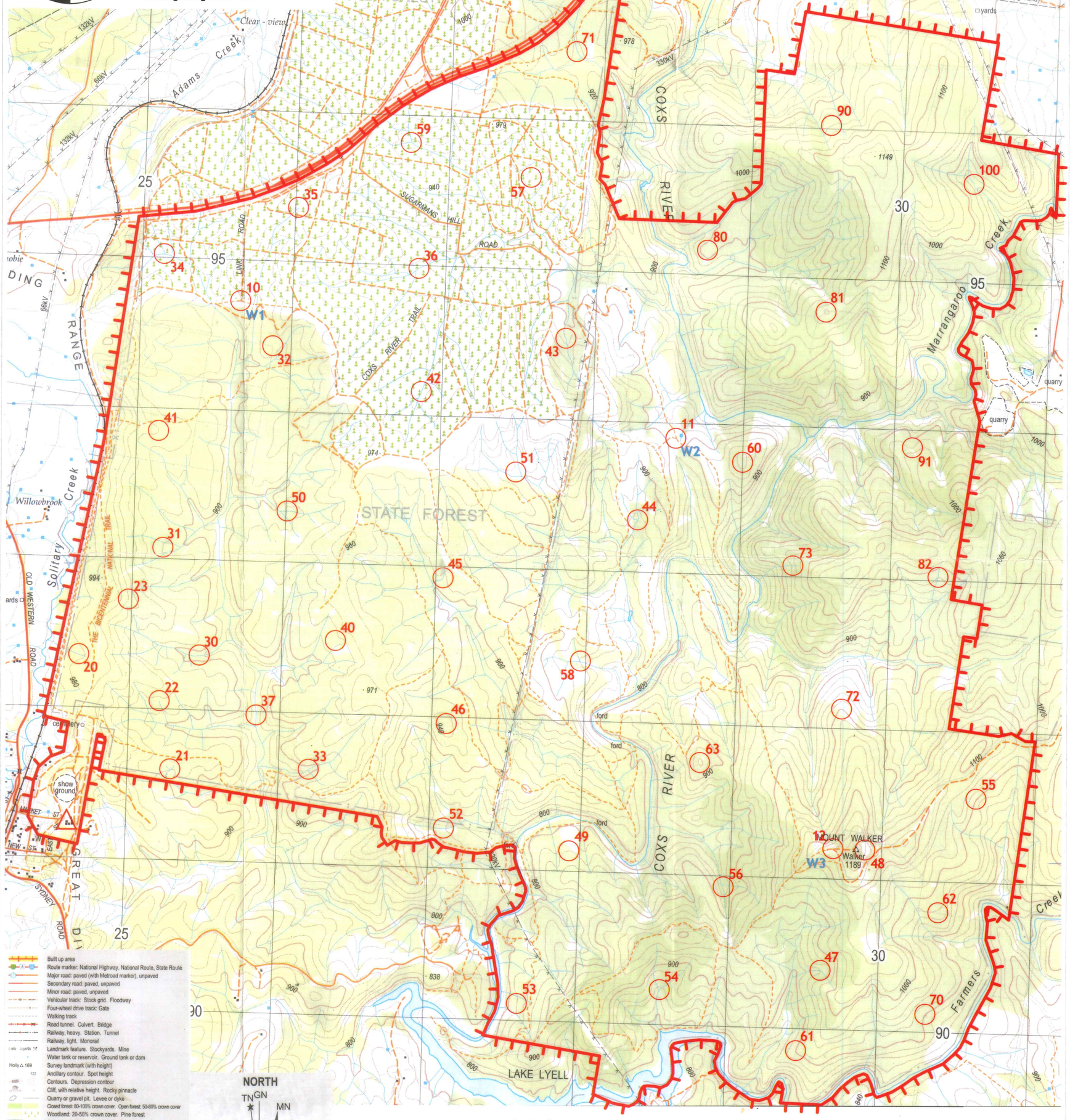
Welcome to the 44th

Paddy Pallin

Rogaine, 17th June 2007

Organised by:
NSW Rogaining Association

The Bathurst Copper Butterfly
The rare and endangered Bathurst Copper Butterfly was one reason for the reservation of Marrangaroo National Park. This exquisite creature only lives in small and isolated colonies on very exclusive real estate - woodland and open forest above 900m in the Lithgow-Bathurst area. The caterpillars feed only on Blackthorn plants, attended by a species of small ant. It is thought the ants protect the caterpillars who in return feed the ants with secretions. The butterfly has a wingspan of 2-3 cm. The upper sides of its wings are black or deep brown but shine in the sun with a bronze-green iridescence.



Built up area
Route marker: National Highway, National Route, State Route
Major road: paved (with Metroad marker), unpaved
Secondary road: paved, unpaved
Minor road: paved, unpaved
Vehicular track: Stock grid. Floodway
Four-wheel drive track: Gate
Walking track
Road tunnel. Culvert. Bridge
Railway, heavy. Station. Tunnel
Railway, light. Monorail
Landmark feature. Stockyards. Mine
Water tank or reservoir. Ground tank or dam
Survey landmark (with height)
Ancillary contour. Spot height
Contours. Depression contour
Cliff, with relative height. Rocky pinnacle
Quarry or gravel pit. Levee or dyke
Closed forest: 80-100% crown cover. Open forest: 50-80% crown cover
Woodland: 20-50% crown cover. Pine forest
Orchard, plantation or vineyard. Mangrove
Power transmission line (33kV and above)
Cableway
Pipeline, water. Pipeline, other
Perennial lake. Intermittent lake. Land subject to inundation
Wet swamp. Dry swamp
Intertidal flat. Sand
Intermittent stream, with waterfall
Perennial stream
Large dam or weir
Ferry route
Lighthouse or beacon. Breakwater
Jetty or wharf
Slipway. Anchorage. Wreck
Rock shelf. Reef
Rocky shoreline. Rock, bare or awash
Building, small. Building, large. Homestead
Place of worship. School. State Emergency Service
Ambulance station. Police station. Emergency headquarters
Fire station. Telephone exchange. Post office
Electricity substation, small. Electricity substation, large. Hospital

NORTH
TN GN MN
Grid Convergence 1.6 degrees
Grid-Magnetic Angle 10.6 degrees

True North, Grid North and Magnetic North are shown diagrammatically for the centre of the map.

Magnetic North value is correct for 2006 and moves Easterly by less than 0.00 degrees per annum.

Out-of-Bounds — In-Bounds

SCALE 1:25 000
0 km 0.5 1 2 km

CONTOUR INTERVAL 20 METRES

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Acknowledgements:
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Administrator: Belinda Pope
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