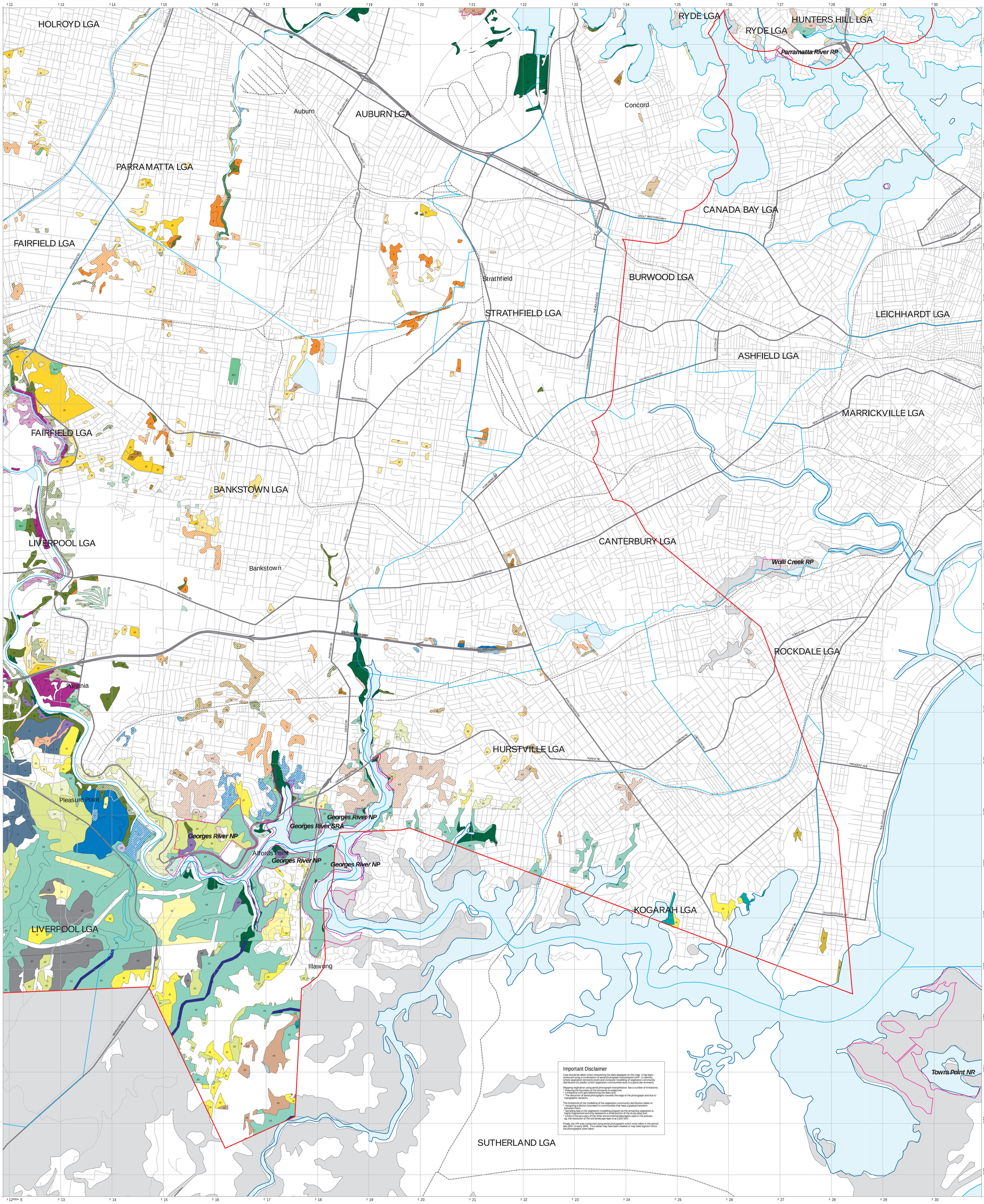

Important Disclaimer

Care should be taken when interpreting the data displayed on this map. It has been produced using a combination of aerial photograph interpretation (API - to identify where vegetation remnants exist) and computer modelling of vegetation community distribution (to predict which vegetation communities exist in a particular remnant).

Mapping vegetation using aerial photograph interpretation, has a number of limitations:
* Drawing the boundary of the remnants is subjective;
* Limitations with geo-referencing the data; and
* The distortion of aerial photographs towards the edge of the photograph and due to topographic variation.

The limitations of the modelling of the vegetation community distribution relate to:
* Assigning a distinct boundary to communities that have a gradual transition between them;
* Sampling bias in the vegetation modelling program as the remaining vegetation is highly fragmented and only represents a small portion of the study area; and,
* Limits in the accuracy of the other environmental data layers used in the process. eg. the resolution of the soil landscape layer is at 1:100 000.

Finally, the API was conducted using aerial photographs which were taken in the period late 1997 to early 1998. Thus areas may have been cleared or may have regrown since the photographs were taken.

Legend

Endangered ecological communities listed under the Threatened Species Conservation Act 1995 as of 1 June 2002

Shale/Sandstone Transition Forest
1 - Shale/Sandstone Transition Forest (Low Sandstone Influence)
2 - Shale/Sandstone Transition Forest (High Sandstone Influence)

Cooks River/Castlereagh Ironbark Forest
3 - Cooks River/Castlereagh Ironbark Forest

Castlereagh Swamp Woodland
4 - Castlereagh Swamp Woodland

Agnes Banks Woodland
8 - Agnes Banks Woodland

Cumberland Plain Woodland
9 - Shale Hills Woodland
10 - Shale Plains Woodland

Sydney Coastal River-flat Forest
11 - Alluvial Woodland
12 - Riparian Forest

Western Sydney Dry Rainforest
13 - Western Sydney Dry Rainforest

Moist Shale Woodland
14 - Moist Shale Woodland

Sydney Turpentine-Ironbark Forest
15 - Turpentine-Ironbark Forest
43 - Turpentine-Ironbark Margin Forest

Elderslie Banksia Scrub Forest
37 - Elderslie Banksia Scrub Forest

Shale Gravel Transition Forest
103 - Shale Gravel Transition Forest

Blue Gum High Forest
152 - Blue Gum High Forest

Ecological communities not listed under the Threatened Species Conservation Act 1995 as of 1 June 2002
6 - Castlereagh Scribbly Gum Woodland
31 - Sandstone Ridgetop Woodland
32 - Upper Georges River Sandstone Woodland
33 - Western Sandstone Gully Forest
34 - Mangrove/Salt marsh Complex
35 - Riparian Scrub
36 - Freshwater Wetlands
61 - Eastern Gully Forest
62 - Woodland Heath Complex
67 - Vegetation Of Volcanic Substrates
9999 - Unclassified Vegetation, or outside study area
No native vegetation overstorey
Water body

Vegetation Condition Classes
Canopy Cover > 10% (Unless Remnant > 5ha, Where Canopy Cover > 5%) (Areas mapped as classes: A, B, C, SA)
Canopy Cover < 10% (Areas mapped as classes: Cmin, Tx, Txr)
Canopy Cover < 10% (Urban Areas) (Areas mapped as class: Txu)

Note: Condition classes are shown as a shading over the ecological community color code. Example shown is for: 1 - Shale/Sandstone Transition Forest (Low Sandstone Influence)

Study Area Boundary
Local Government Area Boundary
NPWS Estate boundary

Native Vegetation of the Cumberland Plain

Map 8 of 16
Auburn LGA, Bankstown LGA, Canterbury LGA
Concord LGA, Hurstville LGA, Kogarah LGA
Rockdale LGA, Strathfield LGA & Sutherland LGA

Please view map in conjunction with report
"Interpretation Guidelines for the Native Vegetation of the Cumberland Plain, Western Sydney
NSW NPWS, Hurstville, October 2002"

Study Area

0 250 500 750 1000 1250 1500 1750 2000 2250 2500
metres

MAP ANGLE - GRID NORTH
HORIZONTAL DATUM: AUSTRALIAN GEODETIC DATUM 1966, ZONE 56
VERTICAL DATUM: AUSTRALIAN HEIGHT DATUM
TRANSVERSE MERCATOR PROJECTION
GRID INTERVAL 1000 METRES - ONE GRID SQUARE = 100 HECTARES

Vegetation data compiled by the Conservation, Assessment and Data Unit, Central CPRD, and the Biodiversity Research Group, Biodiversity Research and Management Division, NSW NPWS.

Base Mapping Data supplied by The Land Information Centre, Panorama Avenue, Bathurst 2795 NSW. (www.lic.gov.au).
Rail data provided by Australian Surveying & Land Information Group

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Conservation Programs & Planning Division
Central Directorate
NSW National Parks and Wildlife Service
October 2002

PO Box 1967
Hurstville NSW 2220
Ph:(02) 9585 6444

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Native Vegetation of the Cumberland Plain, Western Sydney