

13th April 2011

Southbank Land P/L

Huntingdale Developments P/L

Our ref: 12947

Re: Lot 24 Warrah Road, North Nowra – Hollow Bearing Tree Survey

Dear Sir,

Please find below the following report referring to Hollow Bearing Tree surveys undertaken on the 6th and 7th of January and the 14th February, 2011 at Lot 24 Warrah Road, North Nowra.

Background

Biosis Research was commissioned by Southbank Lands Pty. Ltd. and Huntingdale Developments Pty. Ltd. to undertake a comprehensive Hollow Bearing Tree (hereafter 'HBT') survey to inform rezoning investigations of Lot 24, DP 714096 (Subject Site), North Nowra in the Shoalhaven Local Government Area (LGA). The Study Area of this survey includes the Subject Site and a 5m buffer. These surveys follow flora and fauna surveys carried out by Biosis Research in April 2010 (Biosis Research 2010) which documented the occurrence of numerous HBTs in both the Open Woodland and Open Forest habitats of the Subject Site. Alison Hunt and Associates surveyed a portion of the Subject Site in 2008 (AHA 2008) and also documented a number of HBTs.

The Subject Site, just under 74ha, is currently zoned for rural use. Further to the current zoning of the Subject Site, Shoalhaven City Council (SCC) has prepared a revised draft Local Environmental Plan 2009 (DLEP 2009) according to the 'Standard Instrument' gazetted by the NSW Government in 2006. The Subject Site is being investigated by the land owners to determine what parts are suitable for residential development with the remainder to be zoned environmental.

Field Methodology

A structured parallel-line foot-based traverse of the Subject Site was undertaken by two zoologists on the 6th and 7th January 2011, and again on the 14th February 2011, to search for HBTs and to assess their potential for fauna occupancy.

During the 46 person hours of survey effort, a significant area of the Subject Site was covered (Figure 1). Survey effort was focused on areas supporting significant habitat features with a representative sample of vegetation communities across the site being surveyed. Areas of grassland and shrubland in the eastern portion of the Subject Site, subject to clearing historically, were not surveyed due to a lack of canopy trees. Other areas of long-range visibility, such as in the south-west corner and parts of the north-western arm, there was no need to survey as it was possible to determine whether trees had hollows from a distance.

HBTs were inspected for viable hollows using a pair of 10x42mm binoculars. Recently fallen limbs and branches were also inspected to obtain further information on the viability of hollows. All dead and alive HBTs observed were recorded where they met the following criteria:

- Hollow entrance visible
- Hollow appears to have depth
- Hollow appears to be at least 1 metre above the ground.

Information gathered on each potential HBT included:

- Tree status (i.e. living or dead);
- Diameter at Breast Height (DBH);
- Number of visible hollows per tree;
- Size of hollows;
- Evidence of fauna occupation;
- Proximity to creekline; and
- Suitability for threatened species to use as nesting habitat.

This information was then incorporated into the scoring system established by Gibbons and Lindenmayer (2002) to assist in identifying trees with the highest conservation significance across the Subject Site.

HBT's were located during field surveys using a non - differential hand held GPS unit. Accuracy during the field surveys was generally between +/- 3 to 5m and up to 8m.

Data Analysis

Location and tree data was downloaded into an excel spreadsheet and was subsequently analysed using an adapted method of the Gibbons and Lindenmayer

(2002) HBT scoring system. The scoring system serves to rank the HBT between 0 and 18 (0 being of lowest conservation significance and 18 being of highest conservation significance). Scores are formulated based on the criteria of Table 1. The full inventory of HBT's of the current survey and their numerical ranking is provided in Appendix 1.

Table 1: Hollow-bearing assessment criteria and scoring

HBT Assessment Criteria	Score
Diameter at Breast Height (DBH)	80-100cm = 3; 60-80cm = 1.5; <60cm = 0
Status	Living Tree = 3; Dead Tree = 1
Number of visible hollows	>5 = 3; 2-4 = 1.5; 0-1 = 0
Visible Hollow(s) Score	1 or more > 100mm = 3; 1 or more >50mm = 2; 1 or more < 50mm = 1
Proximity to waterbody	< 50 meters = 3; > 50 meters = 0
Potential for fauna occupancy	Suitable for threatened species occupancy = 3; suitable for other fauna occupancy = 2; unsuitable for fauna occupancy = 0 (see Appendix 2 for suitable hollow sizes for threatened species)

Note: This scoring system was used as a tool to identify the more important trees of the Subject Site and does not intend on diminishing the underlying importance of HBTs in the Australian landscape.

After each HBT was allocated a score, it was then classed into one of three conservation significance categories (low scores being between 0-6; medium scores 6.5-11; and high scores 11.5-18). HBT's with their conservation categories are mapped in Figure 2 using ESRI ArcMap version 10. A geo-referenced 1:25,000 topographic map has been used as the base map for this project.

In view of the accuracy of the GPS, the HBT's recorded in the current surveys include those that occur in the Subject Site and 5m buffer. Data presented in the Results have been extracted from the GIS.

Results

Number, Type and Size of Potential HBT

Over the 3 days of field survey, a total of 412 HBTs were recorded containing 1106 hollows. Thirty one of these trees are beyond the boundary of the Study Area and not considered in the analysis but are shown in Figures 2 and 3. Accordingly the total number of HBT's in the Study Area for this assessment is

381. An inventory of all HBTs recorded during the field investigation including tree data and conservation ranking has been included in Appendix 1.

Hollows were recorded in six main tree species including *Eucalyptus punctata* Grey Gum, *Eucalyptus sclerophylla* Hard-leaved Scribbly Gum, *Corymbia maculata* Spotted Gum, *Syncarpia glomulifera subsp. glomulifera* Turpentine, *Eucalyptus sieberi* Silvertop Ash and *Corymbia gummifera* Red Bloodwood. These HBTs were distributed across the majority of habitat types in the Study Area.

Distribution of HBTs

HBTs were generally restricted to the Woodland and Open Forest habitats of the Study Area with the two main clusters in the western and central areas (Figures 2 and 3). Table 2 below summarises the data of Appendix 1 to highlight HBT's of the current surveys to be included in the two proposed zonings.

Table 2: Summary HBT data and analysis

HBT Rating	Proposed Residential Zoning	Proposed Environmental Zoning	Totals
Low	29 (7.6%)	27 (7.1%)	56 (14.7%)
Medium	96 (25.2%)	153 (40.2%)	249 (65.3%)
High	14 (3.7%)	62 (16.3%)	76 (20.0%)
Totals	139 (36.5%)	242 (63.5%)	381 (100%)

(Figures in brackets are percentage of each category as percentage of the total HBT)

From Table 2 the medium ranked HBT's have the highest abundance within the Study Area, followed by the high then low categories. Over half of medium ranked HBT's occur in the proposed environmental zoning area.

More than half (64%) of all HBTs in the Study Area were recorded in the proposed environmental zone and 5m buffer (Figure 3). Of these 16.3% have been ranked as having high conservation significance, which is over four times as many high ranked HBTs as occurs in the residential zones (3.7%).

Discussion

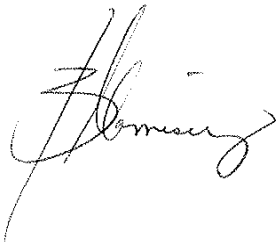
In general, hollows occurring in large, remnant Hard-leaved Scribbly Gum and Grey Gum located near waterways scored the highest and are therefore of highest conservation significance. Due to little past clearance in these areas, many of the HBTs contain large branch and trunk hollows. Trees containing larger hollows suitable for forest owls and large arboreal mammals were located in remnant vegetation along creeklines and in the north-west arm of the Subject Site.

These areas of higher conservation significance fall within the proposed environmental zoning.

HBTs located in the regenerating or younger Scribbly Gum Woodland contain many small pipe and spout hollows due to the branch-shedding nature of Hard-leaved Scribbly Gum. These HBTs are generally of lower conservation significance and are located in the proposed residential zones.

Please call Brett Morrissey or Kylie Reed at the Biosis Research Wollongong office on (02) 4229 5222 if you have any questions regarding this report.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'B. Morrissey', with a stylized, cursive script.

Brett Morrissey

Consultant Botanist

Biosis Research Pty Ltd

References

- AHA (2008) *Threatened Biodiversity Survey and Assessment, Nowra Bomaderry Structure Plan Area*. Report prepared for Shoalhaven City Council. Author: Alison Hunt & Associates.
- Biosis Research (2010) *Flora and Fauna Assessment and Constraints Analysis Lot 24, DP 714096, North Nowra*. Report prepared for Peter Taranto. Authors: Roberts, M. and Morrissey, B.
- Gibbons, P. and Lindenmayer, D. (2002) *Tree Hollows and Wildlife Conservation in Australia*. CSIRO Publishing
- Shoalhaven City Council (2009) *Draft Shoalhaven Local Environmental Plan 2009*.

Appendix 1

Hollow bearing tree data and conservation assessment score

Waypoint	Easting	Northing	Tree Species		DBH		Height (m)	Status Score	Number of Hollows		Size Score	Potential Threatened Species Habitat Score	Within 50m of Creekline		Total Score
			Scientific Name	Common Name	(cm)	Score			Number of Hollows	Score			Within 50m of Creekline	Score	
1	277842.7	6140522	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	18	3	2	1.5	1	0	N	0	5.5
2	277824.9	6140545	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	17	3	5	3	1	0	N	0	10
3	277819	6140546	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	17	3	3	1.5	1	0	N	0	7
4	277794.8	6140555	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	20	3	2	1.5	2	0	N	0	9.5
5	277789.3	6140551	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	40	0	18	3	1	0	1	0	N	0	4
6	277762.6	6140531	Eucalyptus sieberi	Stringy bark	80	3	18	3	1	0	3	0	N	0	9
7	277749.1	6140586	Eucalyptus sieberi	Stringy bark	110	0	16	1	2	1.5	3	0	Y	3	8.5
8	277762.7	6140594	Eucalyptus sieberi	Stringy bark	40	0	15	1	1	0	1	0	Y	3	5
9	277773.8	6140577	Eucalyptus sieberi	Stringy bark	90	3	18	3	2	1.5	2	3	Y	3	15.5
10	277779.3	6140573	Eucalyptus sieberi	Stringy bark	120	3	18	3	2	1.5	1	0	Y	3	11.5
11	277788.4	6140570	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	15	3	1	0	3	0	Y	3	10.5
12	277849.4	6140540	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	150	0	11	1	2	1.5	3	0	N	0	5.5
13	277854.6	6140566	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	0	18	1	3	1.5	3	0	N	0	5.5
14	277852.2	6140559	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	0	14	1	2	1.5	2	0	N	0	4.5
15	277858.3	6140583	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	12	3	5	3	3	0	N	0	10.5
16	277863.5	6140595	Eucalyptus punctata	Grey Gum	80	3	17	3	1	0	3	3	N	0	12
17	277711.4	6140671	Eucalyptus sieberi	Stringy bark	70	0	8	1	1	0	3	0	Y	3	7
18	277759.8	6140658	Eucalyptus sieberi	Stringy bark	25	0	11	3	1	0	1	0	Y	3	7
19	277807.4	6140748	Eucalyptus sieberi	Stringy bark	110	3	15	3	3	1.5	3	0	N	0	10.5
20	277768.5	6140811	Eucalyptus sieberi	Stringy bark	90	0	10	1	1	0	3	0	N	0	4
21	277773.7	6140808	Eucalyptus sieberi	Stringy bark	70	1.5	14	3	1	0	2	0	N	0	6.5
22	277751.8	6140820	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	18	3	4	1.5	2	0	N	0	9.5
23	277719	6140833	Eucalyptus sieberi	Stringy bark	80	0	16	1	3	1.5	2	0	N	0	4.5
24	277701.2	6140805	Eucalyptus sieberi	Stringy bark	70	1.5	16	3	2	1.5	3	0	N	0	9
25	277695.1	6140776	Eucalyptus sieberi	Stringy bark	60	0	12	1	1	0	3	0	N	0	4
26	277827.6	6140789	Eucalyptus sieberi	Stringy bark	110	3	16	3	2	1.5	3	0	N	0	10.5
27	277822.4	6140770	Eucalyptus sieberi	Stringy bark	140	0	10	1	1	0	1	0	N	0	2
28	277649.2	6140848	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	14	3	2	1.5	2	0	N	0	8
29	277633.9	6140859	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	14	3	1	0	3	0	N	0	7.5
30	277629.4	6140842	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	15	3	1	0	3	0	N	0	9
31	277623.3	6140772	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	18	3	1	0	3	3	N	0	12
32	277622.4	6140799	Eucalyptus sieberi	Stringy bark	50	0	18	3	2	1.5	2	0	N	0	6.5
33	277332.2	6140686	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	16	3	1	0	3	0	N	0	6
34	277455	6140693	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	150	3	12	3	1	0	3	0	N	0	9
35	277492.7	6140629	Eucalyptus sieberi	Stringy bark	80	3	20	3	1	0	3	0	Y	3	12
36	277550.4	6140638	Eucalyptus sieberi	Stringy bark	50	0	10	1	2	1.5	3	0	Y	3	8.5
37	277455.7	6140612	Eucalyptus sieberi	Stringy bark	60	0	8	1	2	1.5	3	0	Y	3	8.5
38	277404.4	6140616	Eucalyptus sieberi	Stringy bark	120	3	20	3	1	0	3	0	Y	3	12
39	277259.9	6140717	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	130	3	22	3	3	1.5	3	0	N	0	10.5
40	277284.4	6140748	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	0	12	1	1	0	3	0	N	0	4
41	277289.9	6140741	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	11	3	1	0	3	0	N	0	6
42	277301.9	6140741	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	17	3	2	1.5	3	0	N	0	9
43	277295.8	6140762	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	14	1	3	1.5	3	0	N	0	5.5
44	277301.1	6140764	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	40	0	15	3	1	0	3	0	N	0	6
45	277307.3	6140766	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	40	0	15	3	1	0	3	0	N	0	6
46	277295.6	6140760	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	15	3	1	0	3	0	N	0	7.5
47	277287.2	6140773	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	13	3	1	0	2	0	N	0	5
48	277275.8	6140804	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	15	3	2	1.5	3	0	N	0	9

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Waypoint	Easting	Northing	Tree Species		DBH		Height (m)	Status Score	Number of Hollows		Size Score	Potential Threatened Species Habitat Score	Within 50m of Creekline		Total Score
			Scientific Name	Common Name	(cm)	Score			Number of Hollows	Score			Within 50m of Creekline	Score	
49	277322.5	6140695	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	16	3	1	0	3	0	N	0	7.5
50	277321.8	6140726	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	11	1	2	1.5	2	0	N	0	4.5
51	277326	6140731	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	13	3	3	1.5	2	0	N	0	6.5
52	277330.3	6140763	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	10	3	3	1.5	3	0	N	0	9
53	277346.4	6140764	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	9	3	2	1.5	2	0	N	0	6.5
54	277335.9	6140752	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	30	0	14	3	1	0	1	0	N	0	4
55	277354.7	6140791	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	16	3	2	1.5	2	0	N	0	6.5
56	277392.6	6140817	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	18	3	5	3	2	0	N	0	9.5
57	277379.7	6140819	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	25	0	15	3	1	0	1	0	N	0	4
58	277394.6	6140813	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	13	3	1	0	3	0	N	0	7.5
59	277519.2	6140890	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	12	3	2	1.5	2	0	N	0	8
60	277586.3	6140915	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	16	3	5	3	3	0	N	0	12
61	277588.9	6140919	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	17	3	2	1.5	3	0	N	0	9
62	277580	6140904	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	15	3	4	1.5	3	3	N	0	13.5
63	277620.3	6140923	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	15	3	9	3	3	0	N	0	12
64	276767.1	6141270	Syncarpia glomulifera subsp. glomulifera	Tupentine	60	1.5	22	3	1	0	2	0	Y	3	9.5
65	276744.1	6141269	Melaluca sp.	Paperbark	30	0	10	3	3	1.5	3	0	Y	3	10.5
66	276730.3	6141292	Corymbia gymmifera	Red Blood	85	3	16	3	2	1.5	2	0	Y	3	12.5
67	276660.9	6141271	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	17	3	2	1.5	2	0	N	0	8
68	276642.1	6141264	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	20	3	1	0	3	0	N	0	9
69	276651.2	6141228	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	0	13	1	1	0	3	0	N	0	4
70	276602.7	6141234	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	150	3	13	3	1	0	3	0	N	0	9
71	276602.3	6141224	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	0	7	1	1	0	3	0	N	0	4
72	276604.5	6141197	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	13	3	2	1.5	3	0	N	0	9
73	276603.2	6141188	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	12	3	8	3	3	0	N	0	10.5
74	276601.5	6141180	Eucalyptus sp.		120	3	15	3	3	1.5	3	0	N	0	10.5
75	276559.1	6141184	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	10	3	1	0	3	0	N	0	7.5
76	276532.2	6141192	Eucalyptus sp.		45	0	12	1	3	1.5	3	0	N	0	5.5
77	276497.3	6141191	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	12	3	2	1.5	3	0	N	0	10.5
78	276500.8	6141204	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	100	3	20	3	3	1.5	3	0	N	0	10.5
79	276485.8	6141182	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	100	3	17	3	4	1.5	3	0	N	0	10.5
80	276464.2	6141211	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	15	3	2	1.5	2	0	N	0	8
81	276456.7	6141224	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	16	3	2	1.5	2	0	N	0	8
82	276428.6	6141218	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	14	3	3	1.5	3	0	N	0	10.5
83	276408.4	6141230	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	16	3	1	0	3	0	N	0	7.5
84	276405	6141240	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	13	3	3	1.5	3	0	N	0	10.5
85	276390.5	6141233	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	11	1	2	1.5	3	0	N	0	5.5
86	276358.1	6141247	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	0	18	1	3	1.5	3	0	N	0	5.5
87	276368.4	6141268	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	20	3	4	1.5	3	0	N	0	9
88	276356.7	6141298	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	17	3	1	0	3	0	N	0	7.5
89	276355.3	6141310	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	40	0	12	1	3	1.5	2	0	N	0	4.5
90	276320.3	6141294	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	16	3	1	0	3	0	N	0	9
91	276303.4	6141296	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	0	10	1	4	1.5	3	0	N	0	5.5
92	276317.2	6141254	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	11	3	1	0	3	0	N	0	6
93	276319.9	6141242	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	0	8	1	2	1.5	3	0	N	0	5.5
94	276329.4	6141251	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	13	3	2	1.5	3	0	N	0	9
95	276335.9	6141261	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	15	3	2	1.5	3	3	N	0	13.5
96	276362	6141226	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	0	11	1	2	1.5	2	0	N	0	4.5

Appendix 1

Hollow bearing tree data and conservation assessment score

Waypoint	Easting	Northing	Tree Species		DBH		Height (m)	Status Score	Number of Hollows		Size Score	Potential Threatened Species Habitat Score	Within 50m of Creekline		Total Score
			Scientific Name	Common Name	(cm)	Score			Number of Hollows	Score			Within 50m of Creekline	Score	
97	276308.2	6141208	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	13	3	4	1.5	3	0	N	0	9
98	276320.7	6141187	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	95	3	12	3	5	3	3	0	N	0	12
99	276334.6	6141173	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	16	3	5	3	3	0	N	0	10.5
100	276337.9	6141166	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	16	3	2	1.5	2	0	N	0	8
101	276350.9	6141198	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	14	3	3	1.5	3	0	N	0	10.5
102	276375.2	6141213	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	100	3	11	3	3	1.5	2	0	N	0	9.5
103	276377.7	6141208	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	100	3	14	3	4	1.5	3	3	N	0	13.5
104	276386.5	6141185	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	11	3	3	1.5	3	0	N	0	9
105	276437.8	6141169	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	12	3	2	1.5	3	2	N	0	11
106	276421.5	6141169	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	14	3	1	0	3	0	N	0	9
107	276434.4	6141154	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	16	3	1	0	3	2	N	0	9.5
108	276511.2	6141150	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	12	3	2	1.5	3	0	N	0	9
109	276508.6	6141157	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	1.5	11	3	2	1.5	3	0	N	0	9
110	276515.1	6141134	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	10	3	2	1.5	3	0	N	0	10.5
111	276512	6141134	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	12	3	3	1.5	3	3	N	0	12
112	276613	6141146	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	0	22	1	2	1.5	3	0	N	0	5.5
113	276627.9	6141158	Eucalyptus punctata	Grey Gum	75	0	17	1	2	1.5	3	0	N	0	5.5
115	276662.2	6141195	Eucalyptus punctata	Grey Gum	70	1.5	16	3	1	0	3	0	N	0	7.5
116	276691.6	6141212	Eucalyptus punctata	Grey Gum	110	3	18	3	4	1.5	3	0	N	0	10.5
117	276704.6	6141206	Syncarpia glomulifera subsp. glomulifera	Turpentine	140	3	25	3	3	1.5	3	0	Y	3	13.5
118	277041.5	6141185	Eucalyptus sp.		65	1.5	14	3	2	1.5	3	3	N	0	12
119	277054.7	6141198	Eucalyptus sp.		70	0	18	1	1	0	3	0	N	0	4
120	277050.2	6141200	Eucalyptus sp.		80	3	18	3	4	1.5	3	3	N	0	13.5
121	277073.2	6141221	Eucalyptus sp.		70	1.5	14	3	3	1.5	3	0	N	0	9
122	277083.3	6141222	Eucalyptus sp.		80	3	18	3	3	1.5	3	3	N	0	13.5
123	277083.9	6141231	Eucalyptus sp.		35	0	15	1	2	1.5	3	0	N	0	5.5
124	276959	6141249	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	18	3	2	1.5	2	3	Y	3	15.5
125	276970.9	6141211	Eucalyptus sp.		75	0	17	1	3	1.5	3	0	Y	3	8.5
126	276972.6	6141218	Eucalyptus sp.		60	1.5	12	3	3	1.5	2	0	Y	3	11
127	276950	6141182	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	14	3	3	1.5	2	0	Y	3	11
128	276895.1	6141219	Eucalyptus sp.		85	3	20	3	2	1.5	3	0	Y	3	13.5
129	276888	6141190	Eucalyptus sp.		55	0	19	3	1	0	1	0	Y	3	7
130	276885.9	6141169	Eucalyptus sp.		70	1.5	18	3	3	1.5	2	3	Y	3	14
131	276911.9	6141138	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	17	3	1	0	3	0	N	0	7.5
132	276923.2	6141140	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	15	3	2	1.5	3	0	N	0	9
133	276933.2	6141144	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	16	3	5	3	3	0	N	0	12
134	276957.5	6141165	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	18	3	1	0	3	0	N	0	9
135	276943.3	6141130	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	13	3	1	0	3	0	N	0	7.5
136	276866.1	6141064	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	11	3	1	0	2	0	N	0	5
137	276832	6141048	Eucalyptus punctata	Grey Gum	50	0	12	3	3	1.5	2	0	N	0	6.5
138	276825	6141041	Eucalyptus punctata	Grey Gum	50	0	13	3	2	1.5	3	2	N	0	9.5
139	276813.9	6141029	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	13	3	2	1.5	3	0	N	0	7.5
140	276797.8	6140979	Eucalyptus sp.		60	0	8	1	2	1.5	3	0	N	0	5.5
141	276827.8	6140939	Eucalyptus punctata	Grey Gum	55	0	16	3	1	0	2	0	N	0	5
142	276814.7	6140888	Eucalyptus sp.		90	0	16	1	4	1.5	3	0	N	0	5.5
143	276775.9	6140854	Eucalyptus sp.		75	1.5	15	3	2	1.5	3	0	Y	3	12
144	276775.7	6140854	Eucalyptus sp.		70	0	12	1	2	1.5	3	0	Y	3	8.5
145	276810.2	6140830	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	19	3	1	0	3	0	Y	3	12

Appendix 1

Hollow bearing tree data and conservation assessment score

Waypoint	Easting	Northing	Tree Species		DBH		Height (m)	Status Score	Number of Hollows		Size Score	Potential Threatened Species Habitat Score	Within 50m of Creekline		Total Score
			Scientific Name	Common Name	(cm)	Score			Number of Hollows	Score			Within 50m of Creekline	Score	
146	276791.6	6140815	Eucalyptus sp.		100	0	9	1	1	0	3	0	Y	3	7
147	276775.5	6140801	Corymbia maculata	Spotted Gum	80	3	14	3	4	1.5	2	0	Y	3	12.5
148	276791.9	6140732	Corymbia maculata	Spotted Gum	110	3	18	3	1	0	2	0	N	0	8
149	276743.5	6140664	Eucalyptus sp.		120	0	17	1	4	1.5	3	0	N	0	5.5
150	276762.7	6140637	Eucalyptus sp.		85	3	16	3	3	1.5	3	0	N	0	10.5
151	276763.8	6140635	Eucalyptus sp.		80	0	7	1	2	1.5	3	0	N	0	5.5
152	277087.8	6140631	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	17	3	2	1.5	3	3	Y	3	16.5
153	277072.9	6140631	Eucalyptus sp.		50	0	10	1	2	1.5	3	0	Y	3	8.5
154	277053.6	6140635	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	130	3	18	3	2	1.5	3	0	Y	3	13.5
155	277060.9	6140649	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	135	3	16	3	1	0	1	0	Y	3	10
156	277066.6	6140659	Eucalyptus punctata	Grey Gum	75	1.5	12	3	5	3	2	0	Y	3	12.5
157	277056.6	6140662	Eucalyptus sp.		105	0	22	1	5	3	3	0	Y	3	10
158	277026.7	6140670	Eucalyptus punctata	Grey Gum	85	3	17	3	2	1.5	3	0	Y	3	13.5
159	277024.7	6140685	Eucalyptus sp.		70	1.5	17	3	2	1.5	3	0	Y	3	12
160	277003.8	6140693	Eucalyptus punctata	Grey Gum	95	3	18	3	4	1.5	3	0	Y	3	13.5
161	276995.4	6140699	Eucalyptus sp.		80	3	15	3	1	0	3	0	Y	3	12
162	276980.6	6140708	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	130	3	13	3	2	1.5	2	0	Y	3	12.5
163	276966.9	6140719	Eucalyptus sp.		20	0	12	3	1	0	1	3	Y	3	10
164	276985.5	6140723	Eucalyptus sp.		85	0	19	1	3	1.5	3	0	Y	3	8.5
165	276946.4	6140731	Eucalyptus punctata	Grey Gum	70	1.5	17	3	2	1.5	2	0	Y	3	11
166	276936.1	6140734	Eucalyptus sp.		50	0	16	3	1	0	2	0	Y	3	8
167	276917.5	6140713	Eucalyptus sp.		70	0	9	1	1	0	3	0	Y	3	7
168	276923.1	6140733	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	15	3	1	0	1	0	Y	3	8.5
169	276922.7	6140742	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	16	3	2	1.5	3	0	Y	3	12
170	276909.6	6140736	Eucalyptus sp.		50	0	12	1	1	0	3	0	Y	3	7
171	276943	6140762	Eucalyptus sp.		75	0	11	1	3	1.5	3	3	Y	3	11.5
172	276942.5	6140756	Eucalyptus sp.		70	0	12	1	1	0	2	0	Y	3	6
173	276899.2	6140760	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	12	3	2	1.5	3	0	Y	3	12
174	276892.2	6140754	Eucalyptus sp.		60	0	13	1	1	0	3	0	Y	3	7
175	276847.5	6140776	Eucalyptus punctata	Grey Gum	145	3	20	3	4	1.5	3	0	Y	3	13.5
176	276848.6	6140920	Eucalyptus sp.		70	0	8	1	1	0	3	0	N	0	4
177	276858.2	6140961	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	16	3	1	0	3	0	N	0	9
178	276882.2	6140972	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	16	3	2	1.5	3	0	N	0	9
179	276889.9	6140980	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	100	3	18	3	4	1.5	3	0	N	0	10.5
180	276885.1	6140982	Eucalyptus punctata	Grey Gum	60	1.5	14	3	2	1.5	3	0	N	0	9
181	276881.8	6140979	Eucalyptus punctata	Grey Gum	50	0	14	3	1	0	1	0	N	0	4
182	276913.2	6141024	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	14	3	2	1.5	3	0	N	0	9
183	276896.6	6141035	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	12	3	1	0	3	0	N	0	9
184	276894	6141050	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	16	3	2	1.5	2	0	N	0	9.5
185	276894.5	6141071	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	14	3	2	1.5	3	0	N	0	9
186	277039.2	6140755	Eucalyptus sp.		70	1.5	20	3	2	1.5	2	0	Y	3	11
187	276984.3	6140764	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	16	3	3	1.5	2	0	N	0	9.5
188	276955.3	6140834	Eucalyptus sp.		85	3	15	3	1	0	2	0	Y	3	11
189	276948.8	6140940	Eucalyptus sp.		70	1.5	14	3	2	1.5	2	0	Y	3	11
190	276968.7	6140952	Eucalyptus punctata	Grey Gum	50	0	14	3	3	1.5	2	0	Y	3	9.5
191	276928.2	6141036	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	115	3	15	3	4	1.5	3	0	N	0	10.5
192	276940.8	6141049	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	13	3	3	1.5	2	0	N	0	9.5
193	276951.4	6141049	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	130	3	17	3	4	1.5	3	3	N	0	13.5

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Hollow bearing tree data and conservation assessment score

Waypoint	Easting	Northing	Tree Species		DBH		Height (m)	Status Score	Number of Hollows		Size Score	Potential Threatened Species Habitat Score	Within 50m of Creekline		Total Score
			Scientific Name	Common Name	(cm)	Score			Number of Hollows	Score			Within 50m of Creekline	Score	
194	276970.9	6141035	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	100	3	16	3	5	3	3	0	N	0	12
195	276977.2	6141033	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	15	3	2	1.5	3	0	N	0	10.5
196	276953.5	6141084	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	17	3	5	3	3	0	N	0	10.5
197	276938.9	6141082	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	15	3	1	0	2	0	N	0	6.5
198	276933.9	6141088	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	16	3	3	1.5	3	0	N	0	9
199	276958.2	6141098	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	19	3	2	1.5	3	0	N	0	9
200	276952.4	6141100	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	17	3	2	1.5	3	0	N	0	9
201	276991	6141110	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	15	3	3	1.5	2	3	N	0	9.5
202	276983	6141107	Eucalyptus punctata	Grey Gum	75	1.5	15	3	2	1.5	3	0	N	0	9
203	277009.4	6141104	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	18	3	2	1.5	3	0	N	0	9
204	276991.2	6141082	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	13	3	2	1.5	2	3	N	0	9.5
205	277007.1	6141096	Eucalyptus punctata	Grey Gum	55	0	16	3	4	1.5	3	0	N	0	7.5
206	277008.9	6141070	Eucalyptus punctata	Grey Gum	55	0	15	3	2	1.5	2	0	N	0	6.5
207	277024	6141061	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	16	3	1	0	2	0	N	0	6.5
208	277030	6141053	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	20	3	6	3	3	0	N	0	12
209	277044.6	6141032	Eucalyptus sp.		60	0	13	1	2	1.5	2	0	Y	3	7.5
210	277038.3	6141011	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	18	3	4	1.5	2	0	Y	3	11
211	277036.1	6140994	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	17	3	5	3	3	0	Y	3	13.5
212	277003.1	6141000	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	100	3	20	3	7	3	3	0	N	0	12
213	277013.6	6140975	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	13	3	2	1.5	2	0	Y	3	11
214	277045.3	6140931	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	16	3	3	1.5	1	0	Y	3	10
215	277280.4	6141058	Eucalyptus sp.		55	0	12	3	2	1.5	3	0	N	0	7.5
216	277274.9	6141065	Eucalyptus punctata	Grey Gum	75	1.5	17	3	4	1.5	3	0	N	0	9
217	277292.7	6141026	Eucalyptus punctata	Grey Gum	55	0	14	3	2	1.5	3	0	N	0	7.5
218	277268	6141006	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	22	3	1	0	3	0	N	0	9
219	277286.1	6140990	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	22	3	5	3	3	0	Y	3	15
220	277289.3	6140982	Eucalyptus sp.		50	0	19	3	2	1.5	2	3	Y	3	12.5
221	277279.9	6140967	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	23	3	3	1.5	3	0	Y	3	12
222	277275.5	6140942	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	19	3	4	1.5	3	0	Y	3	13.5
223	277248.7	6140931	Eucalyptus sp.		50	0	18	3	1	0	3	0	Y	3	9
224	277250.5	6140932	Eucalyptus sp.		55	0	12	1	2	1.5	2	0	Y	3	7.5
225	277257	6140915	Eucalyptus punctata	Grey Gum	120	3	17	3	9	3	3	0	Y	3	15
226	277229.5	6140902	Eucalyptus punctata	Grey Gum	110	3	18	3	2	1.5	3	0	Y	3	13.5
227	277208	6140857	Eucalyptus sp.		50	0	16	1	2	1.5	2	0	Y	3	7.5
228	277176.7	6140833	Eucalyptus sp.		90	3	19	3	6	3	3	0	Y	3	15
229	277169.1	6140830	Eucalyptus punctata	Grey Gum	50	0	18	3	1	0	2	3	Y	3	11
230	277155.5	6140836	Eucalyptus punctata	Grey Gum	50	0	16	3	1	0	1	0	Y	3	7
231	277122.6	6140825	Eucalyptus punctata	Grey Gum	65	1.5	16	3	3	1.5	2	0	Y	3	11
232	277077.2	6140717	Eucalyptus punctata	Grey Gum	55	0	15	3	3	1.5	3	0	Y	3	10.5
233	277060.2	6140720	Eucalyptus punctata	Grey Gum	120	3	14	3	6	3	3	0	Y	3	15
234	277191.6	6140631	Eucalyptus punctata	Grey Gum	85	3	20	3	6	3	3	0	Y	3	15
235	277290.2	6140657	Eucalyptus punctata	Grey Gum	35	0	15	3	1	0	1	0	Y	3	7
236	277235.2	6140845	Eucalyptus punctata	Grey Gum	80	3	18	3	3	1.5	3	0	Y	3	13.5
237	277291.8	6140865	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	15	3	1	0	1	3	N	0	7
238	277314.3	6140869	Eucalyptus sp.		70	0	13	1	8	3	3	2	N	0	9
239	277483.4	6140917	Eucalyptus sp.		70	0	12	1	1	0	3	0	N	0	4
240	277484.8	6140978	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	15	3	4	1.5	3	0	N	0	10.5
241	277482.9	6140983	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	115	3	17	3	5	3	3	0	N	0	12

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Hollow bearing tree data and conservation assessment score

Waypoint	Easting	Northing	Tree Species		DBH		Height (m)	Status Score	Number of Hollows		Size Score	Potential Threatened Species Habitat Score	Within 50m of Creekline		Total Score
			Scientific Name	Common Name	(cm)	Score			Number of Hollows	Score			Within 50m of Creekline	Score	
242	277473.2	6140994	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	110	0	17	1	6	3	3	0	N	0	7
243	277514	6140995	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	19	3	5	3	3	0	N	0	10.5
244	277526.1	6140992	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	110	0	19	1	3	1.5	3	0	N	0	5.5
245	277535.7	6140981	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	21	3	3	1.5	3	0	N	0	10.5
246	277551.9	6141018	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	100	3	19	3	3	1.5	3	0	N	0	10.5
247	277520	6141025	Eucalyptus sp.		110	3	20	3	5	3	3	0	N	0	12
248	277435.4	6141049	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	105	3	21	3	6	3	3	0	Y	3	15
249	277354.5	6141002	Eucalyptus punctata	Grey Gum	75	1.5	18	3	5	3	3	0	Y	3	13.5
250	277367.1	6141006	Eucalyptus punctata	Grey Gum	65	1.5	19	3	1	0	2	0	Y	3	9.5
251	277325.7	6141073	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	17	3	4	1.5	3	3	N	0	13.5
252	277243.1	6141047	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	16	3	4	1.5	3	0	N	0	7.5
253	277237.4	6141063	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	14	3	1	0	3	0	N	0	6
254	277232.8	6141064	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	16	3	4	1.5	3	0	N	0	9
255	277219.7	6141052	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	17	3	4	1.5	3	0	N	0	9
256	277202.5	6141042	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	17	3	5	3	3	0	N	0	10.5
257	277198.4	6141017	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	7	3	1	0	3	0	N	0	6
258	277189.1	6141010	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	12	3	1	0	3	0	N	0	6
259	277182.9	6140999	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	12	3	3	1.5	3	3	N	0	12
260	277186.8	6140979	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	12	3	2	1.5	2	0	N	0	8
261	277188.6	6140986	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	15	3	3	1.5	2	0	N	0	8
262	277177.2	6140992	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	14	3	4	1.5	3	0	N	0	9
263	277172.5	6140984	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	13	3	1	0	2	0	N	0	6.5
264	277156.6	6140987	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	15	3	2	1.5	2	0	N	0	8
265	277149.9	6141012	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	19	3	5	3	2	0	N	0	9.5
266	277147.7	6141014	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	17	3	2	1.5	3	0	N	0	9
267	277146	6141020	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	15	3	4	1.5	3	0	N	0	10.5
268	277128	6141133	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	18	3	3	1.5	2	3	N	0	12.5
269	277164.1	6141149	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	10	3	2	1.5	3	0	N	0	9
270	277164	6141128	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	17	3	1	0	2	0	N	0	6.5
271	277171.4	6141134	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	15	3	2	1.5	3	0	N	0	7.5
272	277181.9	6141121	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	12	3	2	1.5	3	0	N	0	7.5
273	277206.5	6141118	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	20	3	4	1.5	3	0	N	0	10.5
274	277210.1	6141131	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	20	3	7	3	3	0	N	0	12
275	277219.3	6141113	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	16	3	2	1.5	3	0	N	0	10.5
276	277251.8	6141094	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	14	3	2	1.5	2	0	N	0	9.5
277	277259.1	6141111	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	17	3	2	1.5	2	0	N	0	6.5
278	277278.3	6141096	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	17	3	3	1.5	3	0	N	0	10.5
279	277291	6141189	Eucalyptus sp.		70	0	19	1	4	1.5	3	0	N	0	5.5
280	277282.6	6141181	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	17	3	3	1.5	3	0	N	0	9
281	277285.4	6141195	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	16	3	2	1.5	2	0	N	0	6.5
282	277255.1	6141199	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	19	3	2	1.5	3	0	N	0	10.5
283	277220.7	6141195	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	18	3	5	3	2	0	N	0	11
284	277225.3	6141205	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	20	3	3	1.5	3	0	N	0	9
285	276672.2	6141296	Eucalyptus sieberi	Stringy bark	75	1.5	17	3	2	1.5	3	0	N	0	9
286	276630.3	6141305	Eucalyptus sieberi	Stringy bark	90	3	13	1	6	3	3	0	N	0	10
287	276569.7	6141297	Eucalyptus sieberi	Stringy bark	80	3	14	1	3	1.5	3	0	N	0	8.5
288	276538.7	6141319	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	17	3	6	3	3	0	N	0	10.5
289	276506.2	6141318	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	16	1	4	1.5	3	0	N	0	8.5

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Hollow bearing tree data and conservation assessment score

Waypoint	Easting	Northing	Tree Species		DBH		Height (m)	Status Score	Number of Hollows		Size Score	Potential Threatened Species Habitat Score	Within 50m of Creekline		Total Score
			Scientific Name	Common Name	(cm)	Score			Number of Hollows	Score			Within 50m of Creekline	Score	
290	276496.4	6141296	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	10	1	1	0	3	0	N	0	4
291	276496.9	6141288	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	12	3	2	1.5	2	0	N	0	8
292	276513.7	6141282	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	8	3	3	1.5	2	0	N	0	6.5
293	276497.4	6141271	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	14	3	2	1.5	3	0	N	0	10.5
294	276482.6	6141280	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	8	3	1	0	3	0	N	0	6
295	276467.9	6141268	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	13	1	2	1.5	3	0	N	0	7
296	276440.8	6141269	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	14	3	2	1.5	3	0	N	0	9
297	276434.3	6141260	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	40	0	12	3	1	0	3	0	N	0	6
298	276422.8	6141261	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	15	3	2	1.5	3	0	N	0	10.5
299	276406.5	6141281	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	14	3	3	1.5	3	3	N	0	13.5
300	276416.6	6141294	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	16	3	3	1.5	3	0	N	0	9
301	276396.3	6141289	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	15	1	3	1.5	3	0	N	0	7
302	276351.4	6141305	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	16	3	1	0	3	0	N	0	7.5
303	276346.2	6141308	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	14	3	2	1.5	3	0	N	0	7.5
304	276326.9	6141153	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	110	3	14	3	4	1.5	3	2	N	0	12.5
305	276368.8	6141148	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	15	3	3	1.5	3	0	N	0	10.5
306	276405.3	6141143	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	18	3	1	0	3	0	N	0	7.5
307	276684.5	6141152	Syncarpia glomulifera subsp. glomulifera	Tupentine	60	1.5	14	1	3	1.5	3	0	N	0	7
308	276718.5	6141169	Syncarpia glomulifera subsp. glomulifera	Tupentine	65	1.5	15	1	1	0	3	0	Y	3	8.5
309	276768.8	6141209	Eucalyptus punctata	Grey Gum	60	1.5	18	3	3	1.5	2	2	Y	3	13
310	276768.5	6141175	Syncarpia glomulifera subsp. glomulifera	Tupentine	50	0	11	1	2	1.5	3	0	Y	3	8.5
311	276756.3	6141163	Syncarpia glomulifera subsp. glomulifera	Tupentine	70	1.5	10	1	3	1.5	3	2	Y	3	12
312	276814.9	6141119	Syncarpia glomulifera subsp. glomulifera	Tupentine	70	1.5	14	1	4	1.5	3	0	Y	3	10
313	276860.4	6141210	Syncarpia glomulifera subsp. glomulifera	Tupentine	60	1.5	12	1	1	0	3	2	Y	3	10.5
314	277066.7	6140937	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	15	3	4	1.5	3	0	Y	3	12
315	277062.9	6140917	Eucalyptus punctata	Grey Gum	30	0	12	3	1	0	3	0	Y	3	9
316	277073.1	6140911	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	15	3	3	1.5	2	0	N	0	8
317	277153.1	6140866	Eucalyptus sieberi	Stringy bark	30	0	7	1	1	0	3	0	N	0	4
318	277163.7	6140904	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	15	3	3	1.5	3	0	N	0	7.5
319	277167.1	6140907	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	15	3	3	1.5	2	0	N	0	8
320	277161.4	6140906	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	13	1	4	1.5	3	2	N	0	7.5
321	277153.9	6140905	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	16	3	5	3	3	0	N	0	10.5
322	277147.5	6140924	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	30	0	11	1	2	1.5	3	0	N	0	5.5
323	277125.4	6140914	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	30	0	14	3	1	0	3	0	N	0	6
324	277111.5	6140936	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	15	3	5	3	3	0	N	0	12
325	277086.3	6140952	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	17	3	3	1.5	3	0	Y	3	13.5
326	277077.7	6140951	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	16	3	4	1.5	3	0	Y	3	12
327	277076.4	6140974	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	35	0	7	1	1	0	3	0	Y	3	7
328	277051.1	6141016	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	6	1	1	0	3	0	Y	3	8.5
329	277049.6	6141026	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	14	3	3	1.5	2	0	Y	3	9.5
330	277065	6141044	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	40	0	17	3	1	0	1	0	Y	3	7
331	277086.7	6141046	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	18	3	3	1.5	3	0	Y	3	12
332	277089.6	6141042	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	16	3	4	1.5	2	0	Y	3	9.5
333	277120.8	6140985	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	13	3	2	1.5	3	0	Y	3	10.5
334	277145.3	6140991	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	18	3	5	3	3	0	N	0	12
335	277156.2	6140988	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	17	3	4	1.5	3	0	N	0	9
336	277167.7	6140983	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	17	3	2	1.5	3	0	N	0	9
337	277180.4	6141020	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	16	3	4	1.5	3	0	N	0	7.5

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Hollow bearing tree data and conservation assessment score

Waypoint	Easting	Northing	Tree Species		DBH		Height (m)	Status Score	Number of Hollows		Size Score	Potential Threatened Species Habitat Score	Within 50m of Creekline		Total Score
			Scientific Name	Common Name	(cm)	Score			Number of Hollows	Score			Within 50m of Creekline	Score	
338	277132.5	6141058	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	13	1	2	1.5	3	3	N	0	8.5
339	277108.2	6141066	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	21	3	8	3	3	0	N	0	12
340	277105.4	6141089	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	14	3	4	1.5	3	0	N	0	7.5
341	277096.5	6141098	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	17	3	9	3	3	0	N	0	12
342	277057.8	6141116	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	16	3	5	3	3	0	N	0	12
343	277049.4	6141098	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	16	3	2	1.5	2	0	N	0	6.5
344	277046.9	6141102	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	21	3	2	1.5	3	0	N	0	9
345	277066.6	6141079	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	18	3	1	0	2	0	N	0	5
346	277069.6	6141073	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	17	3	4	1.5	3	0	N	0	7.5
347	277082.3	6141080	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	19	3	3	1.5	1	0	N	0	7
348	277080.7	6141076	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	21	3	2	1.5	1	0	N	0	7
349	277098.4	6141060	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	25	3	5	3	3	2	N	0	14
350	277097.1	6141046	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	16	3	5	3	2	0	Y	3	11
351	277104.9	6141036	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	22	3	4	1.5	2	0	Y	3	12.5
352	277109.2	6141032	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	14	3	4	1.5	3	0	Y	3	12
353	277194.2	6140994	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	18	3	5	3	2	0	N	0	9.5
354	277209.9	6140991	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	13	3	3	1.5	3	0	N	0	7.5
355	277214.2	6140985	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	14	1	2	1.5	2	0	N	0	4.5
356	277221.2	6140985	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	40	0	16	3	3	1.5	2	0	N	0	6.5
357	277241.1	6140969	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	18	3	4	1.5	3	0	Y	3	10.5
358	277239.8	6140972	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	17	3	4	1.5	3	0	Y	3	12
359	277225.1	6140955	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	18	3	3	1.5	2	0	Y	3	11
360	277192	6140927	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	18	3	3	1.5	2	0	N	0	9.5
361	277198	6140913	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	16	3	3	1.5	1	0	Y	3	8.5
362	277148.4	6140820	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	15	1	2	1.5	3	0	Y	3	11.5
363	277175.6	6140769	Eucalyptus punctata	Grey Gum	70	1.5	15	3	4	1.5	2	0	Y	3	11
364	277203	6140761	Eucalyptus punctata	Grey Gum	50	0	13	3	1	0	3	0	N	0	6
365	277231.3	6140767	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	58	0	18	3	5	3	3	2	N	0	11
366	277236.7	6140775	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	12	1	3	1.5	3	0	N	0	5.5
367	277198.1	6140695	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	8	1	1	0	3	0	N	0	4
368	277196.1	6140694	Eucalyptus punctata	Grey Gum	50	0	14	3	4	1.5	1	0	N	0	5.5
369	277191.5	6140820	Eucalyptus sieberi	Stringy bark	80	3	16	1	1	0	3	0	Y	3	10
370	277205.3	6140836	Eucalyptus sieberi	Stringy bark	60	1.5	15	3	2	1.5	2	0	Y	3	11
371	277316.5	6141057	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	95	3	18	3	5	3	3	3	N	0	15
372	277316.4	6141026	Eucalyptus punctata	Grey Gum	50	0	19	3	3	1.5	2	0	Y	3	9.5
373	277322.1	6141021	Eucalyptus punctata	Grey Gum	55	0	1	3	3	1.5	2	0	Y	3	9.5
374	277310.6	6141015	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	18	3	2	1.5	2	0	Y	3	9.5
375	277350.9	6140951	Eucalyptus punctata	Grey Gum	120	3	17	3	8	3	2	0	Y	3	14
376	277364.3	6140897	Eucalyptus punctata	Grey Gum	60	1.5	22	3	1	0	3	0	N	0	7.5
377	277333.5	6140918	Eucalyptus punctata	Grey Gum	70	1.5	24	1	4	1.5	2	0	N	0	6
378	277302.3	6140914	Eucalyptus punctata	Grey Gum	80	3	20	3	7	3	3	0	Y	3	15
379	277296.9	6141135	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	35	0	11	1	1	0	3	0	N	0	4
380	277289.8	6141130	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	19	3	4	1.5	3	0	N	0	10.5
381	277285.9	6141141	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	75	1.5	21	3	3	1.5	3	3	N	0	12
382	277245	6141151	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	65	1.5	20	3	5	3	3	0	N	0	10.5
383	277222	6141151	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	21	3	3	1.5	3	3	N	0	12
384	277206.6	6141156	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	19	3	4	1.5	2	0	N	0	8
385	277205.3	6141170	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	20	3	3	1.5	3	0	N	0	7.5

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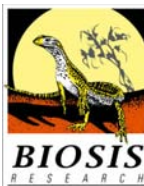
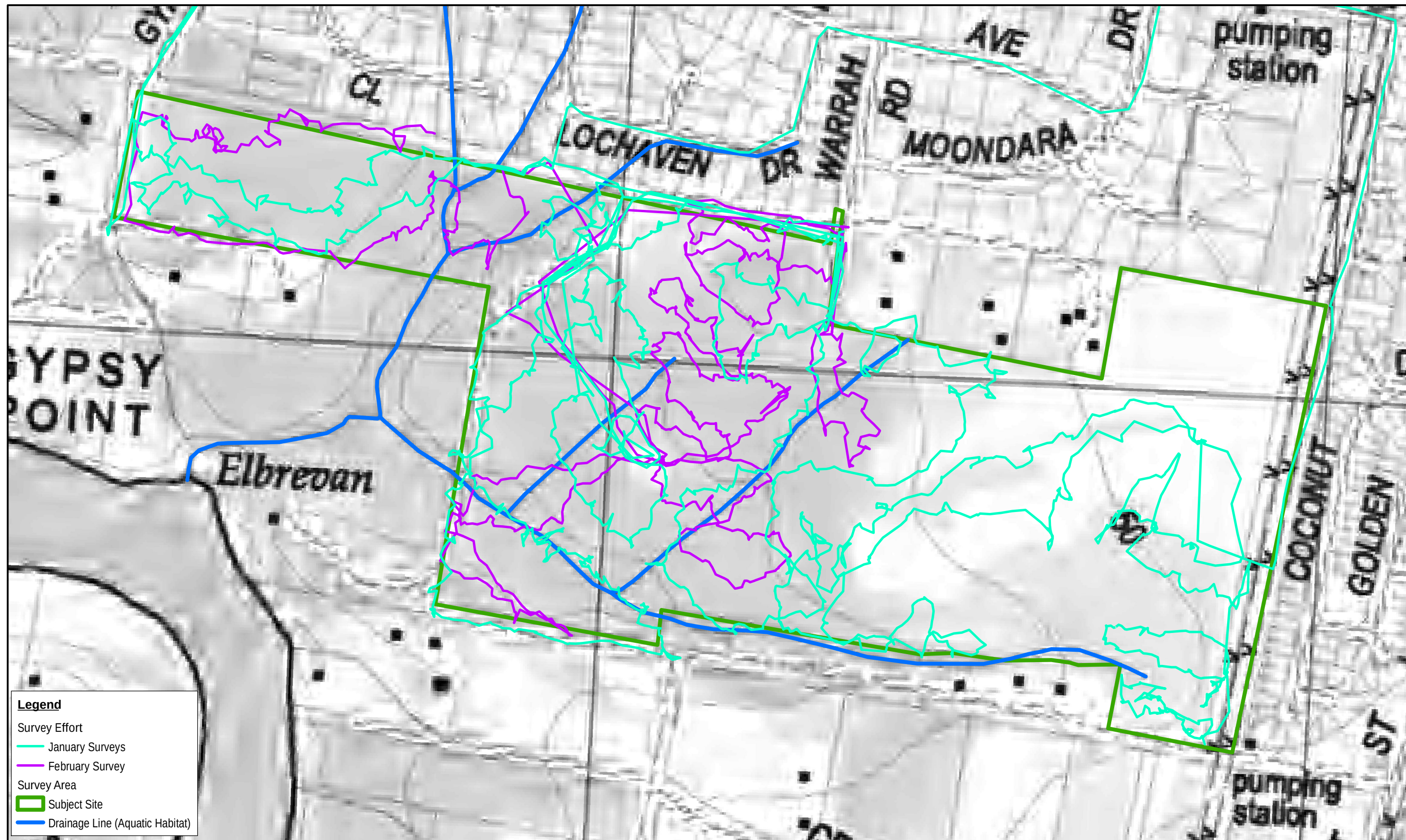
Hollow bearing tree data and conservation assessment score

Waypoint	Easting	Northing	Tree Species		DBH		Height (m)	Status Score	Number of Hollows		Size Score	Potential Threatened Species Habitat Score	Within 50m of Creekline		Total Score
			Scientific Name	Common Name	(cm)	Score			Number of Hollows	Score			Within 50m of Creekline	Score	
386	277192.7	6141158	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	18	3	4	1.5	3	0	N	0	10.5
387	277180.4	6141154	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	30	0	13	3	3	1.5	2	0	N	0	6.5
388	277175.8	6141167	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	18	3	5	3	3	3	N	0	13.5
389	277166.3	6141149	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	12	3	2	1.5	3	0	N	0	9
390	277164.4	6141173	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	15	3	2	1.5	3	0	N	0	7.5
391	277149.9	6141179	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	120	3	17	3	2	1.5	2	0	N	0	9.5
392	277106.3	6141163	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	18	3	3	1.5	3	2	N	0	11
393	277090.6	6141156	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	17	3	4	1.5	2	0	N	0	6.5
394	277089.5	6141169	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	85	3	20	3	4	1.5	3	0	N	0	10.5
395	277104.9	6141134	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	17	3	2	1.5	3	0	N	0	7.5
396	277114.9	6141112	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	80	3	16	3	3	1.5	2	0	N	0	9.5
397	277167.7	6141080	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	20	3	2	1.5	2	0	N	0	8
398	277187.3	6141075	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	45	0	18	3	3	1.5	2	0	N	0	6.5
399	277190.5	6141060	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	17	3	2	1.5	2	0	N	0	9.5
400	277206.4	6141206	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	40	0	16	3	1	0	1	0	N	0	4
401	277206.1	6141182	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	1.5	16	3	6	3	2	0	N	0	9.5
402	277182.8	6141190	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	90	3	21	3	4	1.5	3	0	N	0	10.5
403	277174.6	6141198	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	70	1.5	19	3	4	1.5	2	0	N	0	8
404	277165.2	6141198	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	17	3	1	0	1	0	N	0	4
405	277159.3	6141204	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	19	3	3	1.5	3	0	N	0	7.5
406	277147.2	6141212	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	18	3	3	1.5	2	0	N	0	6.5
407	277130.6	6141186	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	18	3	3	1.5	3	0	N	0	7.5
408	277110.2	6141187	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	55	0	17	3	2	1.5	2	0	N	0	6.5
409	277110.6	6141177	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	16	3	2	1.5	3	0	N	0	7.5
410	277097.1	6141174	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	40	0	15	3	1	0	3	0	N	0	6
411	277099	6141184	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	19	3	3	1.5	3	0	N	0	7.5
412	277093.8	6141194	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	60	0	18	3	2	1.5	2	0	N	0	6.5
413	277092.8	6141206	Eucalyptus sclerophylla	Hard leaved Scribbly Gum	50	0	17	3	2	1.5	3	0	N	0	7.5

Appendix 2

Hollow requirements for threatened fauna species known from the Locality

Species	TSC Act Listing	EPBC Act Listing	Hollow Size Requirement
Barking Owl	Vulnerable	-	>20cm
Eastern False Pipistrelle	Vulnerable	-	Pipes, fissures and small hollows
Eastern Freetail Bat	Vulnerable	-	Pipes, fissures and small hollows
Eastern Pygmy-possum	Vulnerable	-	-
Gang-gang Cockatoo	Vulnerable	-	>15cm
Glossy Black-cockatoo	Vulnerable	-	>15cm
Greater Broad-nosed Bat	Vulnerable	-	Pipes, fissures and small hollows
Large-footed Myotis	Vulnerable	-	Pipes, fissures and small hollows
Masked Owl	Vulnerable	-	>40cm
Powerful Owl	Vulnerable	-	>45cm
Spotted-tailed Quoll (southeastern mainland)	Vulnerable	Endangered	-
Squirrel Glider	Vulnerable	-	Pipes, fissures and small hollows
Turquoise Parrot	Vulnerable	-	> 5cm
Yellow-bellied Glider	Vulnerable	-	-
Yellow-bellied Sheathtail Bat	Vulnerable	-	Pipes, fissures and small hollows



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Figure 1: Survey Effort.

Date: 23 February 2011

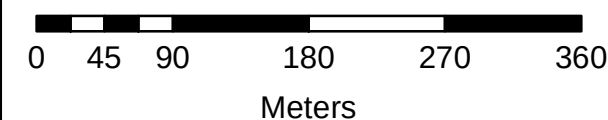
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Job number: 12947

Checked by: KJR

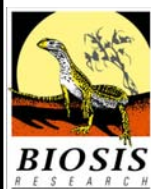
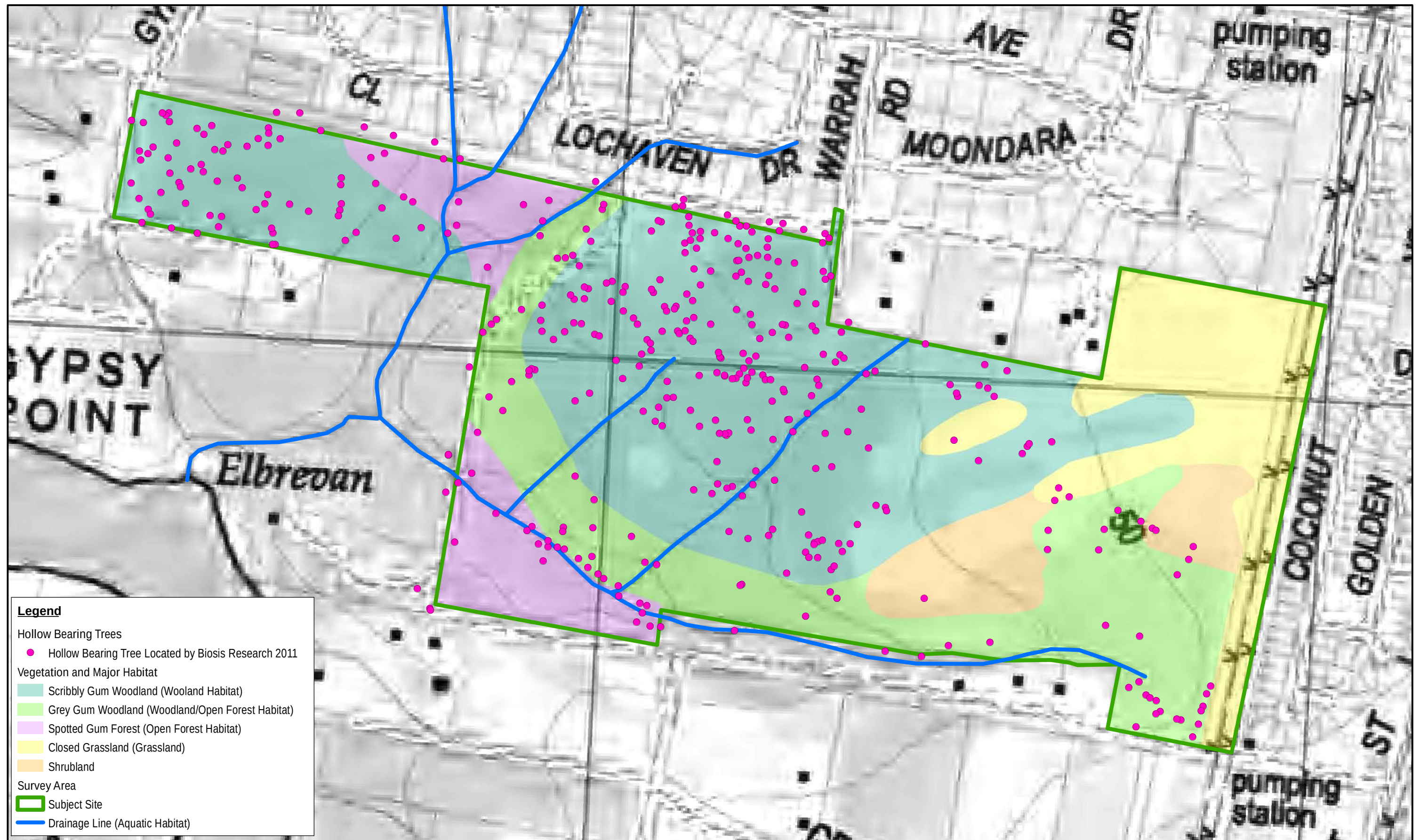
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Acknowledgements:
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Scale: 1:5,000 at A3
Map Projection: Transverse Mercator
Horizontal Datum: Geocentric Datum of Australia 1994
Grid: Map Grid of Australia, Zone 56





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Figure 2: Location of Hollow Bearing Trees.

Date: 14 March 2011

Drawn by: ANP

Job number: 12947

Checked by: KJR

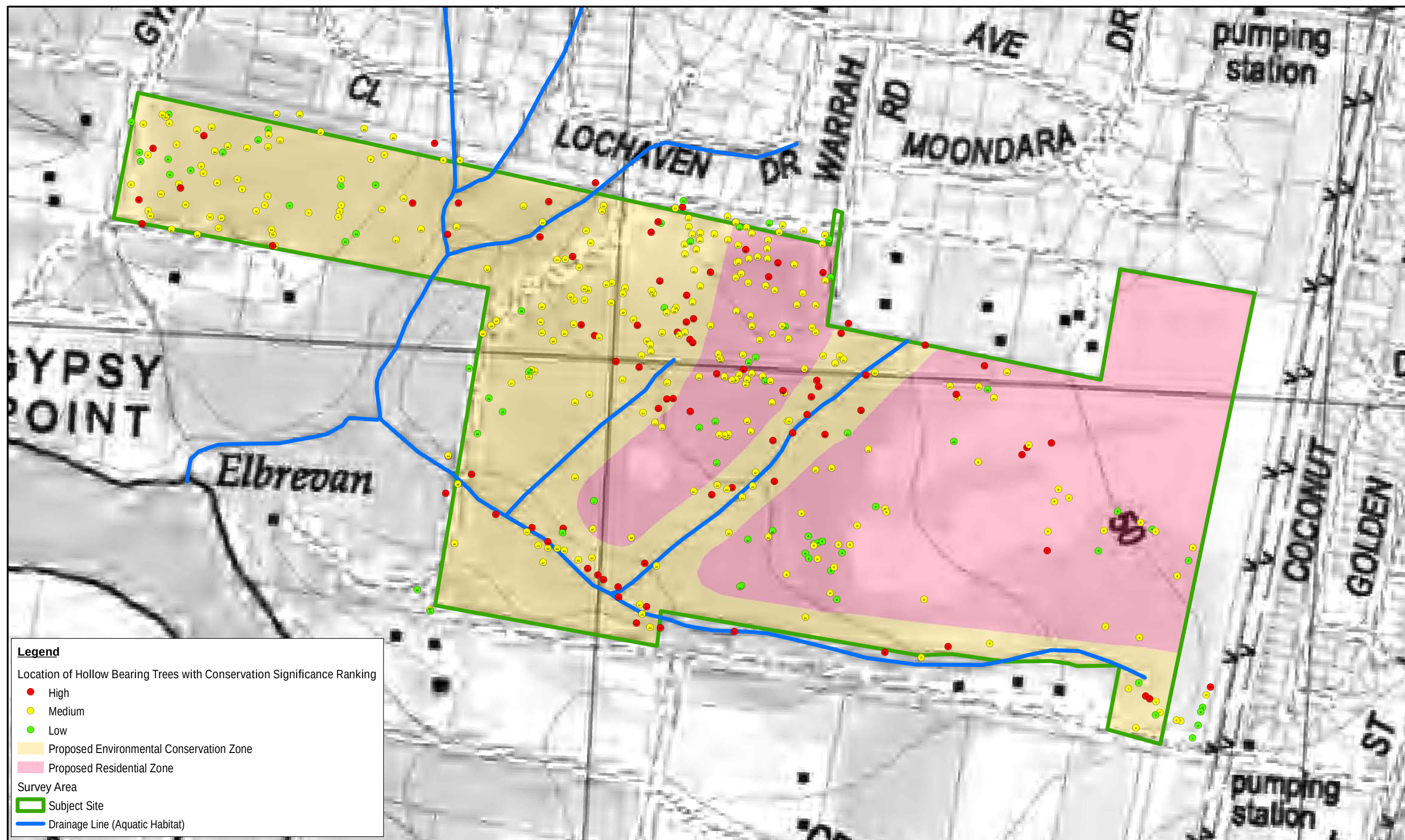
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Acknowledgements:
Topographic Image from Land and Property Management Authority
1:25000 topographic map series (2006)
This product incorporates Data which is copyright to
the Commonwealth of Australia (c.2003-)

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Meters

Scale: 1:5,000 at A3
Map Projection: Transverse Mercator
Horizontal Datum: Geocentric Datum of Australia 1994
Grid: Map Grid of Australia, Zone 56





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Figure 3: Conservation Significance of Hollow Bearing Trees and Location within Proposed Zonings.

Date: 14 April 2011

Drawn by: ANP

Job number: 12947

Checked by: KJR

Location: P:\12900s\12947\Mapping\12947 F3 HBT and Zoning_Rev3.mxd

Note - Zoom to point to view waypoint ID

Acknowledgements:
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the Commonwealth of Australia (c.2003-)

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Meters

Scale: 1:5,000 at A3
Map Projection: Transverse Mercator
Horizontal Datum: Geocentric Datum of Australia 1994
Grid: Map Grid of Australia, Zone 56

