
Assessment of Places of Aesthetic Significance in the Eden CRA Region

A report undertaken for the NSW CRA/RFA Steering Committee

11 March 2001

ASSESSMENT OF PLACES OF AESTHETIC SIGNIFICANCE IN THE EDEN CRA REGION

ENVIRONMENT AUSTRALIA

**A report undertaken for the NSW CRA/RFA Steering Committee
project number NA 15/EH**

11 March 2001

Report Status

This report has been prepared as a working paper for the NSW CRA/RFA Steering Committee under the direction of the Environment and Heritage Technical Committee. It is recognised that it may contain errors that require correction but it is released to be consistent with the principle that information related to the comprehensive regional assessment process in New South Wales will be made publicly available.

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This project has been jointly funded by the New South Wales and Commonwealth Governments. The work undertaken within this project has been managed by the joint NSW / Commonwealth CRA/RFA Steering Committee which includes representatives from the NSW and Commonwealth Governments and stakeholder groups.

The project has been overseen and the methodology has been developed through the Environment and Heritage Technical Committee which includes representatives from the NSW and Commonwealth Governments and stakeholder groups.

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EXECUTIVE SUMMARY

Development of Regional Forest Agreements (RFAs) is the primary mechanism for implementing the National Forest Policy Statement (NFPS). The NFPS was agreed between the Commonwealth and State Governments (Commonwealth 1992). To implement the NFPS the New South Wales (NSW) and Commonwealth Governments signed a Scoping Agreement in 1996.

The Scoping Agreement commits the State and Commonwealth Governments to undertake a series of comprehensive regional assessments (CRAs) of forested areas to create a comprehensive, adequate and representative (CAR) forest reserve system. A significant conservation aim of the NFPS is the development of a CAR reserve system to protect biodiversity, old growth forests and wilderness. It also requires the assessment of values important for identifying places of national estate significance.

The CRAs provide the scientific basis on which the State and Commonwealth Governments will negotiate regional forest agreements for the major forests of NSW. These agreements will determine the future of the State's forests, providing a balance between conservation and ecologically sustainable use of forest resources.

This report details the work undertaken in the assessment of aesthetic values and places in the Eden CRA process. This work was undertaken as part of the cultural heritage assessments within the NSW CRAs. The cultural heritage assessments are based on the Scoping Agreement which requires both Governments to address heritage issues consistent with State and Commonwealth legislation. This includes the identification, assessment and documentation of national estate and State cultural heritage values, to satisfy Commonwealth obligation under the Australian Heritage Commission Act 1975 and State

obligations under the NSW Heritage Act 1977 and the National Parks and Wildlife Act 1974.

Forty three of the areas identified were considered to be of national estate and State heritage value. These areas include Newtons Crossing Camping Area, Jingera Rock, Pheasant's Peak and Nethercote Falls. Most of these values are already protected in existing national parks or within working forests by the application of forest management prescriptions or inclusion in Preferred Management Priority (PMP) categories.

All the areas identified in this report are considered to have national estate value. However, aesthetic values are only one of the values that will be used to identify national estate places for listing in the Register of the National Estate. Areas identified as National Estate will remain indicative until they have been considered by the Australian Heritage Commission. The Commission will also consider the extent of protection of the identified values under the RFA.

1. INTRODUCTION

Development of Regional Forest Agreements (RFAs) is the primary mechanism for implementing the National Forests Policy Statement (NFPS) agreed between the Commonwealth and State Governments (Commonwealth 1992). In 1996, the NSW and Commonwealth Governments signed a Scoping Agreement to undertake Comprehensive Regional Assessments (CRAs) of NSW forests to achieve RFAs.

Attachment 1 of the Scoping Agreement (Commonwealth 1996) requires CRAs to ‘identify, assess and document national estate values, including natural and cultural heritage, to satisfy Commonwealth obligations under the *Australian Heritage Commission Act 1975*.’

The Australian Heritage Commission criteria for the Register of the National Estate provide the basis for the identification of national estate values.

The criterion of relevance to the assessment of aesthetic values is:

Criterion E: Its importance in exhibiting particular aesthetic characteristics valued by the community or a cultural group.

E1 Important for a community for aesthetic characteristics held in high esteem or otherwise valued by the community.

The relevant criterion under the State Heritage Act is:

Significant for strong visual, or sensory appeal or cohesion, landmark qualities; creative and/or technical (including architectural excellence) qualities; creative and/or technical (including architectural) excellence.

These State and Commonwealth criteria have sufficiently common concepts to enable a joint assessment to be undertaken that will satisfy both sets of legislation.

The project encompassed a desktop data audit, targeted additional data gathering through research, expert and community workshops and limited field survey. Assessment of heritage significance was undertaken according to criteria for aesthetic value for the Register of the National Estate and NSW State Heritage Inventory. For those places above threshold, documentation sufficient for Interim Listing on the Register National Estate or inclusion in the NSW State Heritage Inventory was prepared

The study area was the Eden CRA region, although the focus was on public forested lands. Private land was only considered where data was publicly available as a context for the assessment of aesthetic places and values on public land.

This project was managed by Environment Australia and oversighted by the Cultural Heritage Working Group of the NSW Environment and Heritage Technical Committee.

2. METHODS

2.1 BACKGROUND

The approach used for the Eden CRA aesthetic assessment was based on previous forest studies elsewhere and reflects the limitations of method development in this field.

Methods for assessing aesthetic significance are continually being refined, with perhaps no single established method being acknowledged as an objective and satisfactory approach.

A definition of aesthetic value for the East Gippsland and Central Highlands regional assessment projects was developed and endorsed at an expert peer review workshop in Melbourne in 1993. The definition is as follows:

Aesthetic value is the response derived from the experience of the environment or particular natural and cultural attributes within it. This response can be either to visual or non-visual elements and can embrace emotional response, sense of place, sound, smell and any other factors having a strong impact on human thoughts, feelings and attitudes.

This definition was used as a basis for developing indicators for assessing significance which were applied in the forest studies in the Victorian CRAs.

Stage 1 of this project consisted of an Expert Workshop which reviewed data sources and methods used in the forest assessments elsewhere and established a preliminary method for the NSW CRAs (see Appendix 1: Expert Workshop Agenda and list of participants).

At the Expert Workshop, there was broad agreement that the definition of aesthetic significance called for a wide range of community and expert data sources to be used in heritage assessments. These sources include art and literature, tourism information, applied landscape research, community perception studies and information held by land and natural resource managers. Past studies have also shown that local communities are a rich source of information.

Preliminary discussion of approaches to establishing thresholds for the identification and assessment of heritage significance identified this as an area where more work was required.

It was agreed that the method developed for NSW CRAs will need to encompass the aesthetic qualities of all forested lands. Participants recognised that this would be difficult given the limited budget and extensive area to be covered. It was agreed that further work would be required in the future and that CRA assessments would give preliminary results for setting priorities for land allocation and management decisions.

2.2 METHOD

A method for the Eden CRA was developed as follows:

- Existing information on places of aesthetic significance was collated, building on the sources identified in the *Statewide Cultural Heritage Data Audit (non-Indigenous) project NA 02/EH*
- Major gaps in data or in site type represented were identified and filled through a limited collection of art, literature and tourism sources
- Analysis of data gathered in the Community Heritage Workshops held at 7 locations within the Eden CRA Region
- Data from all sources was combined and sifted to yield places of aesthetic value using the indicators listed in Table 3
- Interviews held to draw on knowledge of agency field staff, identifying gaps and delineating and mapping boundaries of aesthetic areas identified through other sources
- Threshold setting and areas identified validated by Cultural Heritage Working Group
- Assessments finalised and GIS layer produced for Integration and Options development process

- Assessments documented and information entered into NSW CRA Inventory database

2.3 DATA GATHERING

The following data sources were used in this assessment:

- Current places entered in the Register of the National Estate or NSW State Heritage Inventory. (Within the Eden CRA Region, only Green Cape lighthouse is currently entered in the Register of the National Estate as significant for aesthetic values - though a number of other places have aesthetic attributes noted in the listing information).

TABLE 1: PLACES CURRENTLY ENTERED IN THE REGISTER OF THE NATIONAL ESTATE

Place name	Criteria satisfied
Bittangabee Ruins	Historic
Edrom Lodge	Historic
Green Cape	Historic and Aesthetic significance
Mumbulla Mtn, Creek Water fall and picnic ground	Aboriginal
Nethercote Waterfall	Natural
Panbula Goldfields	Historic

- Review of potentially significant aesthetic places and values identified and documented at the 7 Eden CRA Region Community Heritage Workshops (see Appendix 2)
- Published sources including tourism, art and literature sources
- Documents held by NSW SF and NPWS including EIS reports, maps, PMP data

2.4 DATA QUALITY:

Art, literature and tourism sources

Data sources were evaluated and sorted into the following groupings:

- Published texts containing qualitative information about particular aesthetic features; photographs and drawings from recognised published sources; good quality travel maps, commentaries, photographs, paintings or drawings. These qualitative sources were analysed and included in the data compilation.
- Ephemeral material, promotional items which are prolifically re-produced, generalised tourism material - these sources often do not represent aesthetic qualities in a definitive or specific way, and therefore were excluded as sources.

Community Heritage Workshop data

Data gathered at the Workshops relating to aesthetic values was analysed and included in the data compilation.

Table 2: Matrix of Data Sources Used for the Identification of Aesthetic Values

Place Name / Region	Community Heritage Workshops	State Agency Statute Forests National Parks	Sources of Identification														
			RNE DB	Eden EIS pp 3-178	Barrrow, G. (1993) Walking the South Coast Tracks	DUAP (1997) Lower South Coast Region. Strat	NPWS Photography Michael Ewijk	Harri (1989) Town Improvement and Tourism	NPWS Self Drive Brochure	NPWS Camping Area Leaflets	NPWS Walking Track Maps	NPWS South East Forest Guide	NPWS Visitor Guide Brochure	SFNSW Recreation Brochure	Tathra Forest Wildlife Reserve	SFNSW Eden Map	SFNSW Camping Recreation in State Forests
Barmouth Beach Pambula River /Ben Boyd National Park		NP															
Bittangabee Bay, ruins & old brick building / Ben Boyd NP	M	NP	L/h	•				•	•	•	•	•					
Bittangabee Salt Water creek Walking track / Ben Boyd NP		NP		•				•		•	•						
Bounda Lagoon, Beach, Bondi Lake /Bounda National Park		NP								•			•				
Boyd's Tower / Ben Boyd National Park	H	NP								•		•					
Burrawang Picnic Ground / Mt Imlay		SF		•												•	
Cow Bail Trail/Big Jack / Coolangubra State Forest	M	NP															
Davidson Whaling Station /Twofold Bay	H	SF/ NP							•			•					
Edrom Lodge /Twofold Bay		SF	L/h	•								•			•	•	
Fisheries Beach Walk /Twofold Bay		SF											•				
Goodenia Rainforest / Yurammie State Forest		SF														•	
Green Cape Lighthouse & build / Ben Boyd National Park	H	NP	L/h						•								
Haycock Point / Ben Boyd National Park		NP							•								
Heffernan's Hut / Tantawanglo State Forest	H	NP															
Indian Head / Bemboka	M	NP															
Jingara Rock / Wyndham and Burragate	H	NP															
Kangarutha Track / Bounda National Park		NP			•							•					
Kingfisher old growth forest / Wyndham	H	SF															
Ludwigs Creek / Nadgee State Forest		SF		•								•	•		•	•	
Mallacoota Lookout Picnic Area / Nadgee Nature Reserve		SF/ NP											•		•	•	

2.5 VERIFICATION AND ANALYSIS

The assessment method was based on cross referencing data from a range of expert and community sources.

Gaps in data or place types were identified and filled through interviews with NSW SF and NPWS field staff. Eight additional places were identified by agency staff as areas of consistently high public usage and regard (see Table 2). Agency staff were also able to help delineate and map appropriate boundaries for aesthetic values identified from the range of data sources.

Related areas or features in close proximity were amalgamated and treated as a single place. These include, for example, Bounda Lagoon / Beach and Bondi Lake; and Mumbulla Mtn, Picnic Ground and Falls.

Some places were not followed up because there was insufficient data on which to base an assessment of significance. These included Jane Spiers Beach in Nadgee Nature Reserve, Nalbaugh Falls in Nalbaugh State Forests, Wonboyn in Wonboyn State Forest and Pambula River Picnic Ground in Yurammie State Forest.

2.6 SETTING THRESHOLDS FOR HERITAGE SIGNIFICANCE

Data from all sources was combined, and places identified from multiple data sources highlighted as potentially significant. Thresholds were set on the basis of the indicators contained in Table 3. A total of 146 identified areas was refined to yield a list of 43 places above threshold. The following rulesets were used:

- places that were nominated through one community heritage workshop at a medium level were supported by other sources
- tourism and literature sources were evaluated for use as supporting sources. Identification of the place in literature sources alone was insufficient to nominate a site to the list
- no expert field study was undertaken in the Eden region in accordance with threshold indicator 5.

The Cultural Heritage Working Group reviewed and confirmed the final list of places that were recommended as above threshold for heritage listing.

Table 3: Thresholds for the Eden CRA

Aesthetic value components (from definition)	Types of places	Threshold Indicators
<ul style="list-style-type: none"> • Meanings, evocative qualities, symbolic values (eg inspirational, awe, majestic, untouched, pristine, fearful, age/time depth, naturalness, lushness, peace, tranquillity, mystery etc.) 	<ul style="list-style-type: none"> • Cultural features, natural features or landscapes with evocative or symbolic qualities or other associated meanings recognised and regarded as outstanding by community groups. 	<p>1 Identified at workshops by 2 or more different workshop sub-groups and ranked high</p> <p>2 Identified at 2 or more different workshops and ranked high.</p> <p>3 Identified at workshops and ranked medium, supported by at least one other evaluated source.</p>
<ul style="list-style-type: none"> • Symbolic landmark (eg represented in art, poetry, photography, literature, folk-art, local identity imagery, folklore, mythology etc) 	<ul style="list-style-type: none"> • Important as a local landmark valued by a community or cultural group 	<p>4 Identified or supported by 2 or more evaluated sources - one of which is agency field staff.</p>
<ul style="list-style-type: none"> • Outstanding landform or feature (eg dramatic, sublime, unusual shape, strong colour etc) 	<ul style="list-style-type: none"> • An unusual or prominent landform or feature which has distinct form, is prominent in the local area, or has symbolic importance. 	
<ul style="list-style-type: none"> • Attribute and compositional qualities (combinations of colour, form, texture, detail, movement, unity, animals, sounds, spatial definition, etc) 	<ul style="list-style-type: none"> • When compared with other like place or landscapes of similar character or characteristics the strength of the aesthetic attributes is high. • Qualifying as forest with <i>special meaning</i> or <i>aesthetic appeal</i>. 	

3. RESULTS

Forty three aesthetic areas of national estate and State heritage significance were identified. These ranged from forest lookouts such as Myrtle Mountain Lookout, to scenic touring routes through the forest, such as Wog Way Forest Drive, to waterfalls and picnic spots.

Delineated areas of aesthetic value are listed in Table 4 and shown on the accompanying map, (Map 1).

Twenty two of the aesthetic areas identified are on NSW State Forest and of these eleven are currently managed under the Preferred Management Priority System (see Table 4).

Preferred Management Priority (PMP) System

The PMP system has been implemented on State Forests in NSW since 1980. The system is a map-based system of area classification which indicates management intent within State Forests. Areas are identified as having particular values and appropriate management prescriptions are applied to maintain or enhance such values. The PMP maps (available for most areas on GIS at 1:25 000 scale) together with Management Plans, are strategic plans for State Forests Management Areas. The strategies are refined further in detailed operational plans, including harvesting plans, hazard reduction burning plans, roading and recreational plans and plans for the management of Flora Reserves.

The PMP system is a three tiered system. The first level categorises forest into indigenous, exotic or non-forestry use. The second level under the indigenous heading has categories of multiple use native forest; undeveloped native forest; preserved native forest and native species plantation. The third level incorporates the special emphasis categories for management, which include

categories of relevance to aesthetic values. These include:

- recreation - areas which have natural features of special significance to forest recreation;
- education - areas which have special natural or cultural features, which demonstrate forest values and forestry practices or promote environmental awareness;
- visual resource protection - areas of particular visual sensitivity such as areas of vegetation along roadsides, escarpments or hillsides, which form noticeable landscape components and require special consideration to maintain visual quality;
- flora and/or fauna protection - areas containing habitats of flora or fauna of special significance and areas reserved for general habitat protection, where the preservation of an area as preserved native forest (2nd level PMP) is not warranted or is under consideration;
- historical values - areas containing structures, ruins or artefacts of significance to the history of exploration or settlement of Australia;
- Aboriginal sites - areas of established significance to Aboriginal history or culture.

Management of the special emphasis categories aims to protect or maintain the values identified. Special emphasis categories are applied to any areas where special values are known to exist and where such values need to be formally recognised.

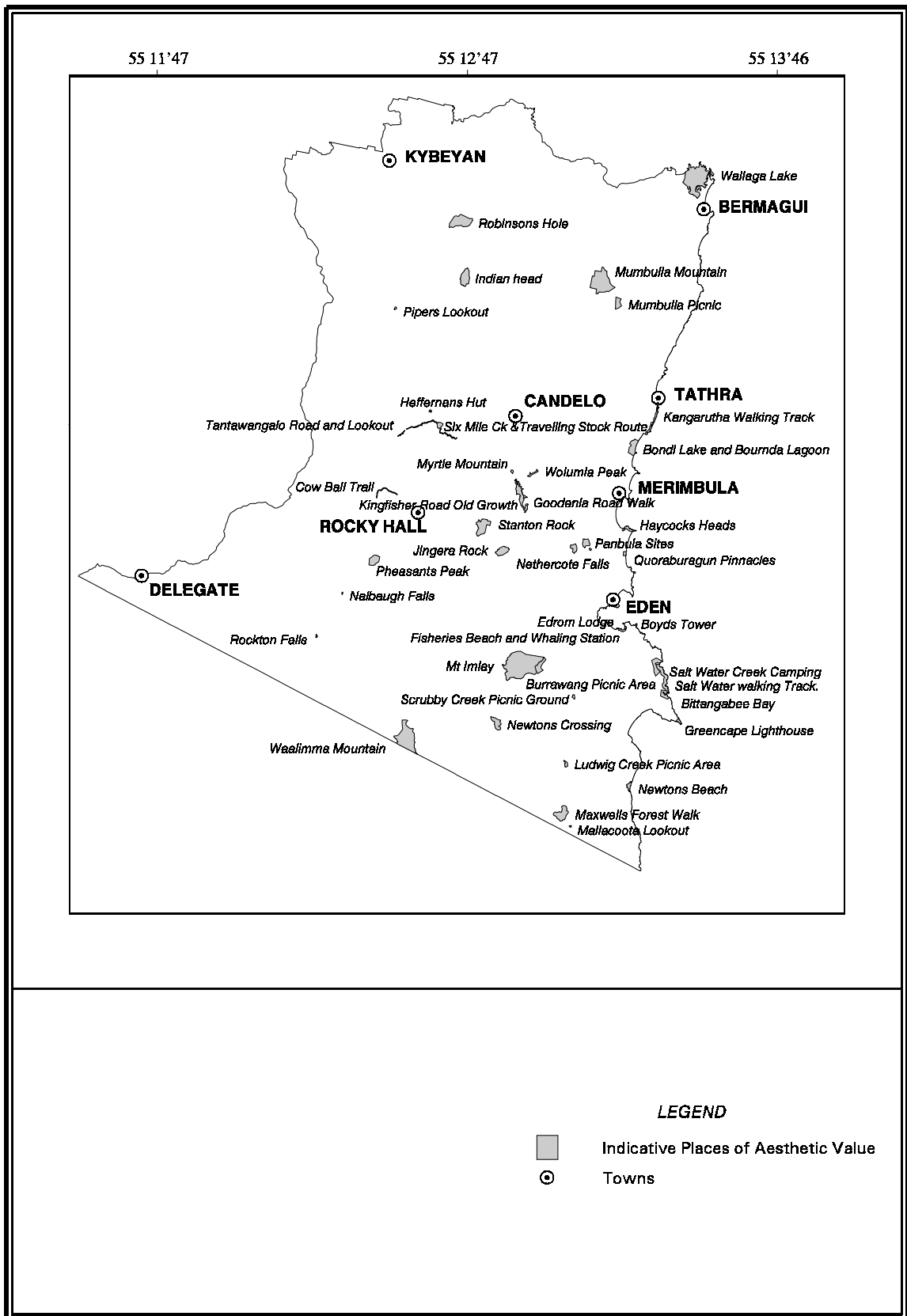
Where appropriate, the existing PMP boundaries have been used to delineate aesthetic areas.

TABLE 4: INDICATIVE AREAS OF AESTHETIC VALUE

Indicative Areas	Theme or Description
Barmouth Beach Pambula River / Ben Boyd National Park	Aesthetic
Bittangabee Bay, ruins & old brick building / Ben Boyd National Park	Pioneering remains and remote yet popular coastal recreation site
Bittangabee Salt Water creek Walking track / Ben Boyd National Park	Coastal camping area and termination point for walking track to Bittangabee Bay
Bounda Lagoon, Beach, Bondi Lake / Bounda National Park	Serene natural lagoon and a remote pristine beach
Boyd's Tower / Ben Boyd National Park	Historic structure on the southern limit of Twofold Bay
Burrawang Picnic Ground / Mt Imlay	Picnic ground and starting point for the Mount Imlay climb
Cow Bail Trail/Big Jack / Coolangubra State Forest	An early trail linking the lowlands with the highlands. Excellent views over the Towamba Valley
Davidson Whaling Station / Twofold Bay	The remains of whaling activity on the shores of Twofold Bay
Edrom Lodge / Twofold Bay	Early residence linked with the whaling activity on the shores of Twofold Bay
Fisheries Beach Walk / Twofold Bay	The remains of whaling activity on the shores of Twofold Bay
Goodenia Rainforest / Yurammie State Forest	Outstanding forest. Aesthetic values
Green Cape Lighthouse & build / Ben Boyd National Park	Aesthetic social and historic values related to the theme moving goods and people to and from ports
Haycock Point / Ben Boyd National Park	Northern sea promontory of Ben Boyd NP. Extensive views of coastal scenery
Heffernan's Hut / Tantawanglo State Forest	Links with early stock grazing and movement is now a remote picnic and fishing location
Indian Head / Bemboka	Distinctive visual landmark on the skyline north from Bemboka
Jingara Rock / Wyndham and Burragate	Aesthetic and social values of experiencing the natural environment
Kangarutha Track / Bounda National Park	Coastal walk with views of rugged coastal scenery
Kingfisher old growth forest / Wyndham	Outstanding native forest setting
Ludwigs Creek / Nadgee State Forest	Picnic ground in a forest setting
Mallacoota Lookout Picnic Area / Nadgee Nature Reserve	Lookout with broad southern views across Mallacoota Lookout
Maxwells Forest Walk / Vic Border Princes Hwy	Outstanding forest scenic values
Mount Imlay / Eden	Landmark visible from the sea and much of the coastal strip. Summit views across the region
Mumbulla Mtn. Ck., W. Fall, W. Hole & Picnic Ground / Biamanga National Park	Aesthetic, historical and social values related to the theme experiencing the natural environment and recreating in the outdoors
Myrtle Mountain Lookout / Wyndham	Looking to the Bega Valley from within a forested setting. Aesthetic social and historic value related to the theme experiencing the natural environment and recreating in the outdoors
Nalbaugh falls / Nalbaugh State Forest	Water falls adjacent to pine forest
Nethercote Falls / Yowaka River	Popular recreation place and beauty spot
Newtons Beach / Nadgee National Park	Aesthetic, historical and social value related to the theme experiencing the natural environment and recreating in the outdoors
Newtons Crossing Camping Area / Timbillica State Forest	Camping area, picnic ground and popular swimming place
Pambula Goldfield/ Pambula	Aesthetic, historical values related to the mining of gold
Pheasant's Peak / Coolangubra State Forest	Moss covered boulder formation at the escarpment edge. Tall attractive and photogenic forest
Pinnacles / Ben Boyd National Park	Coloured sandy cliffs amid Long Beach
Pipers Lookout / Brown Mountain	Tall forest surrounds the lookout. Photogenic spectacular east views to the Bega Valley

Robinsons Hole / Wadbilliga National Park	Social value relating to the theme recreating in the outdoors
Rockton Falls 1,2,3 & Hites Sawmill site / Bondi SF	Water fall in a contained river gorge with traces of historic development. Aesthetic, historic and social themes related to the theme experiencing the natural environment and recreating in the outdoors
Salt Water Creek Camping Area / Ben Boyd National Park	Coastal camping area and termination point for walking track to Bittangabee Bay
Scrubby Creek Picnic Area / Princes Hwy & Wonboyn Road	Picnic place among forest area, adjacent to Princes Highway. Bellbirds
Six mile Creek / Tantawangalo Mtn road	Scenic drive through various forest types. Views out to the Bega Valley
Stanton Rock / Wyndham	Visual landmark in close proximity to Wyndham village
Tantawangalo Mountain Road / Tantawangalo State Forest	Scenic drive through various forest types. Views out to the Bega Valley
Waalimma Mtn / Victorian Border & Nungatta	Magnificent stand of cool temperate rainforest
Wallaga Lake / Bermagui	Aesthetic and social values related to the themes experiencing the natural environment and recreating in the outdoors
Wog Way / Coolangubra State Forest	Scenic
Wolumla Peak / Wolumla	Elevated and central with circumferential views to coastal escarpment and much of the Eden CRA

Map 1: Indicative Areas of Aesthetic Value in Eden CRA Region



4. CONCLUSIONS

This report presents the outcomes of the national estate and state heritage assessment of aesthetic areas in the Eden CRA. This assessment contributes to meeting the Scoping Agreement requirements in relation to the National Estate and contributes to the development of options for a CAR reserve system and RFA for Eden.

The results of the assessment show that the majority of the expressions of the value are already protected in existing national parks or by off reserve management such as inclusion in PMPs.

All the areas identified are considered to have national estate value. However, aesthetic value is only one of the values that will be used to identify national estate places for listing in the Register of the National Estate.

These areas will also be included in the NSW State Heritage Inventory database and may be relevant for inclusion on Section 170 registers maintained by State agencies to meet statutory requirements under the NSW Heritage Act.

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APPENDIX 1

EXPERT WORKSHOP AGENDA, PARTICIPANTS AND SUMMARY OUTCOMES IDENTIFYING AND ASSESSING AESTHETIC VALUES AND PLACE IN NSW FORESTS

EXPERT WORKSHOP THURSDAY 5 JUNE 1997

**Board Room, Level 20 RACAC
Governor Macquarie Tower
1 Farrer Place, Sydney (Cnr Bent and Phillip Streets)**

9.30am - 9.45am: Welcome

Chair Prof Helen Armstrong - review of workshop objectives and introduce participants

9.45am - 10.45am: Works to date in the forests: approaches, issues and outcomes

Juliet Ramsay & Phillipa Watt, Environment Forest Taskforce

Overview of aesthetic assessments within the CRA/RFA process - the forests of Victoria and Tasmania

Dr Richard Lamb, University of Sydney

A pilot study of aesthetic qualities of Old-growth in the Upper North East of NSW - outcomes and wider application

SFNSW (Kathy Lyons)

Scenic quality mapping: management approaches and issues, work to date, eg. Morrisset EIS

10.45am - 11.00am: Morning Tea

11.00am - 12.30pm: Proposed method for NSW CRA/RFAs and comment on data sources, assessment criteria and methods

Dr Sandy Blair

Brief introduction to the proposed method, outcomes required, constraints and issues

Prof Elizabeth Webby & State Librarian (not confirmed)

Associative values - art, literature and other media as sources

Andrew Story, Environment Forest Taskforce

Using tourism sources for the aesthetic assessment project in the Southern Forests of Western Australia

Heritage Office

Heritage criteria for assessing significance and comment on work to date by HO

12.30pm - 1.30pm: Lunch provided

1.30pm - 3.00pm: Refining proposed method for NSW RFAs

Workshop discussion session - see focus questions

3.00pm - 3.30pm: Conservation and management issues

Workshop discussion session - see focus questions

3.30pm - 4.00pm: Conclusion and review of outcomes

FOCUS QUESTIONS**Data sources**

What range of data sources is needed to fulfil the State and National Estate heritage criteria?

How can art, literature and other media be used?

How can tourism sources be used?

How can the data from the community heritage workshops be integrated with other data sources?

How can the expert knowledge of agency field staff be used effectively?

What qualitative data can be collected eg. use of focus groups?

How can generic information about community perceptions of forest types, eg. Old-growth, be used?

What other data sources are there?

Application of criteria

How can the criteria be implemented? What range of attributes need to direct the assessment?

Is the 1993 Aesthetic Workshop definition still appropriate?

Wording of the criteria implies the use of both expert and community based data sources - how can this be achieved?

Methods

Is the somewhat eclectic method proposed the best response to the constraints of time and resources, the need for coverage of all forested areas and the variety of data sources available?

What are the alternatives?

IDENTIFYING AND ASSESSING AESTHETIC VALUES AND PLACE IN NSW FORESTS

**EXPERT WORKSHOP
THURSDAY 5 JUNE 1997
Board Room, Level 20 RACAC
Governor MacQuarie Tower
1 Farrer Place, Sydney (Cnr Bent and Phillip Streets)**

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Summary Outcomes

At the Expert Workshop, there was broad agreement that:

- The definition of aesthetic significance called for a wide range of community and expert data sources to be used in heritage assessments. These sources include art and literature, tourism information, applied landscape research, community perception studies and information held by land and natural resource managers.
- Past studies have also shown that local communities are a rich source of information.
- Preliminary discussion of approaches to establishing thresholds for the identification and assessment of heritage significance identified this as an area where more work was required.
- It was agreed that the method developed for NSW CRAs will need to encompass the aesthetic qualities of all forested lands.

- Participants recognised that this would be difficult given the limited budget and extensive area to be covered.
- It was agreed that further work would be required in the future and that CRA assessments would give preliminary results for setting priorities for land allocation and management decisions.

APPENDIX 2

Eden CRA Region, National Estate and State Community Heritage Values, Identification and Assessment Project

List of Places identified at Workshops with Aesthetic Value

Number	Name	Location	Value	Place Type	Group Vote	Workshop Vote	Social Value
CBG01 CBY14 CBR1 CBY08	Dromedary/Gulaga Mountain	near Tilba Tilba	aesthetic, historic, natural, social, Koori	natural, Koori	4+5+1 +1	13 (6+6+1+0)	high
CBY10 CBY22 CBY07	Murrah State Forest	Murrah State Forest, Coast to Quaama	aesthetic, historic, natural, social?	natural	0+1+2	5 (1+0+4)	high
BKY15 BKB08 BKR08	Nunnock River Waterfall	Brown Mountain, Bemboka	aesthetic, historic, natural, social	Experiencing the natural environment, Recreating in the outdoors, natural	3+2+2	9 (2+2+5)	high
WY02 WY10 WG07	Old Growth Forest	Kingfisher, Myrtle Mountain and Wolumla Peak	aesthetic, natural, social	Experiencing the natural environment, Recreating in the outdoors, natural	2+1+3	42 (10+5+27)	high
CBG03 CBB09 CBR15	Peak Alone	Peak Alone	aesthetic, natural, social	Experiencing the natural environment, Recreating in the outdoors, natural	4+4+1	17 (11+2+4)	high
CBY15 CBG09	Cuttagee Creek and Lake and catchment	Cuttagee Creek and lake, S of Bermagui	aesthetic, natural, social	natural?	1+2	4 (4+0)	medium
WG05	Rainforest Gullies	Bobbins Road	aesthetic, natural	Experiencing the natural environment, natural	2	11	medium
BKB03	Robinsons Hole Track	From Yankees Flat to Robinsons Creek, Wadbilliga	aesthetic, historic, social	Moving goods and people by road	3	4	medium

WY11 WR03 WB05 WG02	Stanton Rock	Gnupa Forest, SW of Wyndham	aesthetic, social, Koori	Experiencing the natural environment, Recreating in the outdoors, Koori	1+3+5 +3	12 (0+9+3 +0)	medium
CB05 CG03	Wolumla Peak	Wolumla Peak	aesthetic	Experiencing the natural environment	5+1	4 (3+1)	medium
BGY19	Ackland Street Northern Part	Bega	aesthetic, historic	Settling	0	0	low
BGG09	Aragunnu Beach	Mimosa Rocks National Park	aesthetic, historic, social, Koori	Experiencing the natural environment, Recreating in the outdoors, Moving goods and people to and from Australian ports, Koori	3	2	low
EB06	Aslings Beach	Calle Calle Bay, Twofold Bay	aesthetic, historic, social, Koori	Disposing of dead bodies, Recreating in the outdoors, Koori	1	1	low
CR10	Back Creek Waterfall	Nethercote	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	0	0	low
CR04	Beaches	Ben Boyd National Park, Pambula River S to Disaster Bay	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	1	0	low
BGR09	Bega River	Bega Valley	aesthetic, historic, natural, social	Developing sheep and cattle industries, Moving goods and people on inland waterways, Experiencing the natural environment, Recreating in the outdoors	2	2	low
EB32	Bell Bird Creek	N of Eden	aesthetic, natural	Experiencing the natural environment, natural	0	0	low
BG13	Big Jack Mountain Lookout	Big Jack Mountain, Coolangubra	aesthetic, natural	Experiencing the natural environment, natural	2	3	low
EG26 EY25	Big Jack Mountain Road	Wyndham, Rocky Hall, Cathcart	aesthetic, historic, social	Experiencing the natural environment, Recreating in the outdoors, Moving goods and people by road	0+1	1 (0+1)	low

WR12	Big Trees	Chalkhills Road Fire Trail W of Myrtle Mountain	aesthetic	Experiencing the natural environment	1	6	low
BGR04	Black Range	SE of Bega	aesthetic, historic	Experiencing the natural environment, Mining for other resources	1	1	low
BGG24	Blackfellas Lagoon	Bega River	aesthetic, historic, social	Experiencing the natural environment, Recreating in the outdoors	1	0	low
CBY25	Blue Pool, Horseshoe Bay to Three Brothers	S of Bermagui	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	1	1	low
EG09 ER11	Boydton, Seahorse Inn	Ben Boyd National Park	aesthetic, historic, natural, social	Settling ,Fishing and whaling, Developing sheep and cattle industries	2+0	1 (1+0)	low
CR08	Brittens Fire Trail	Tantawanglo Lane	aesthetic	Experiencing the natural environment	0	0	low
CBG23 CBB14 BKB01 BKG23	Brogo Dam Brown Mountain	Brogo River Brown Mountain	aesthetic, social, historic aesthetic, historic	Recreating in the outdoors Experiencing the natural environment, Moving goods and people by road	1+2 2+1	3 3 (2+1)	low low
BB15	Bruin Mountain	Coolangubra	aesthetic, historic	Experiencing the natural environment, Mining for gold	1	0	low
WB19	Campbells Peak, Heath and Sedge Swamp	Reedy Creek catchment	aesthetic, historic, natural	Experiencing the natural environment, natural	0	0	low
BB11 BKR01	Cathedral Cattlemans Track Camping Area	Wog Way near bridge over Tantawanglo River on Cattlemans Track	aesthetic aesthetic	natural? Recreating in the outdoors	3 1	5 1	low low
BB04	Causeway, Wog Wog Creek	opposite Woe Mountain	aesthetic	natural?	1	2	low
CBR27	Caves	Digmers Creek, Caves Road	aesthetic, historic	Experiencing the natural environment, ?	2	1	low
WR11 WG08 BGR12	Coal Hole and Pond Coastline	Head of Towamba River from Tathra to Bermagui	aesthetic, historic?, natural aesthetic	?, natural Experiencing the natural environment	1+2 1	6 1 (1+5)	low low

BGG03	Coastline	Eden region	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	1	0	low
CBG19	Coppins Creek orchid sites and rainforest	S side of Mount Dromedary	aesthetic, natural	Experiencing the natural environment, natural	0	0	low
BGY07 BGR02	Dr George Mountain	E of Bega	aesthetic, historic, natural	Mining for gold, Working in the forest, natural	2+3	2 (0+2)	low
BB03	Genoa River area near Bridge	Genoa River	aesthetic, social	Recreating in the outdoors	1	0	low
BB12	Gold Mine	Honeysuckle Creek	aesthetic, historic	Mining for gold	0	0	low
WG09	Goldmine Creek	Tantawanglo State Forest to outflow at Mataganah River	aesthetic, natural, social	Experiencing the natural environment, Recreating in the outdoors, natural	2	0	low
EY06	Granite Cascades and Falls on Pericoe Creek	Pericoe Creek on both sides of Pericoe Road, up and downstream	aesthetic, historic, social	Experiencing the natural environment, Recreating in the outdoors	2	0	low
BGG07	Granite Tors and Archaeological Sites	Portion 140 Murrabrine	aesthetic, Koori	Experiencing the natural environment, Koori	0	0	low
ER15	Gulaga Mountain including West Summit	Tilba area	aesthetic, historic, natural, social, Koori	Experiencing the natural environment, Recreating in the outdoors, Mining for gold, natural, Koori	1	0	low
ER01	Hanging Swamps in Coolangubra	Top of Reedy Creek near Wog Way, including catchment	aesthetic, natural, social, economic	Experiencing the natural environment, Recreating in the outdoors, natural	1	0	low
ER03	Harry's Hut	Nadgee River, Nadgee Wilderness	aesthetic, historic	Settling	3	3	low
EB08	Haycock Point Dam	Haycock Point, North Ben Boyd National Park, end of Haycock Road	aesthetic, historic, social	Recreating in the outdoors, Providing water	2	2	low
BGB16	Hidden Valley	Bunga Head N of Arraganu, Mimosa Rocks National Park	aesthetic, historic, natural, social	Experiencing the natural environment, Recreating in the outdoors, natural	1	0	low
BKY07	Indian Head	South East Forest National Park	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	0	2	low

BGR15	Jiguma - mouth of the Pambula River	mouth of the Pambula River	aesthetic	Experiencing the natural environment, natural	0	0	low
WB21	Jingo Creek Waterfall	Jingera-Lea	aesthetic	Experiencing the natural environment	1	2	low
BGR01	Kidnning(?) Bay	Tathra	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	2	0	low
WY09	Kununa Road and Wog Way	Coolangubra National Park and State Forest	aesthetic	Experiencing the natural environment	2	0	low
ER07	Leonards Island North to Haycock	N of Eden, S of Pambula	aesthetic, historic, social	Experiencing the natural environment, Recreating in the outdoors	1	1	low
BKB13	Mimosa Rocks National Park, southern part	Mimosa Rocks National Park	aesthetic	Experiencing the natural environment, natural	1	0	low
BGY02	Mimosa Rocks/Bournda National Park and corridors including Tathra Forest Reserve		aesthetic, natural, economic	Experiencing the natural environment, natural	1	1	low
EY22	Moreton Bay Fig Tree	Pine Plantation, Burragate Road	aesthetic	?	0	0	low
CBY06	Mount Dromedary West Side/Coppin Creek	Mount Dromedary west side	aesthetic	Experiencing the natural environment	0	0	low
EG13 EB15	Mount Imlay	Mount Imlay National Park, S of Eden	aesthetic	Experiencing the natural environment	2+1	1 (1+0)	low
EG10	Mount Tumbledown Lookout	Nadgee nature Reserve	aesthetic	Experiencing the natural environment	0	0	low
EB04	Mowary Point	S of Eden	aesthetic, historic, social	Experiencing the natural environment, Recreating in the outdoors	0	2	low
CBY28	Murrabrine and Wandella old forests	Murrabrine and Wandella State Forests	aesthetic, natural	Experiencing the natural environment, natural	2	2	low
BGG10	Murrabrine Mountain Trig area	Murrabrine Mountain	aesthetic	Experiencing the natural environment, natural	1	1	low
BGG05	Murrah River Wildlife Corridor	from Mumbulla Mountain to the coast	aesthetic, natural, social	Experiencing the natural environment, Recreating in the outdoors, natural	3	1	low

CBG15	Murrumbidgee Mountain - old growth forest and flora reserve		aesthetic	natural	1	0	low
BB16 BG12	Myamba Gorge	Myamba Creek off Kanoonah Road	aesthetic, historic, social	Experiencing the natural environment, Mining for other resources	0+5	0 (0+0)	low
WR18	Myamba Falls	South East Forests National Park	aesthetic	Experiencing the natural environment	1	1	low
BG11	Nalbaugh Falls	Nalbaugh	aesthetic, social	Experiencing the natural environment	5	0	low
CBY17	Nelson Lagoon	Tanja, Mimosa Rocks National Park	aesthetic	natural	1	0	low
BGB15 BGG26	Nethercote Falls	Yowaka River, Nethercote Falls Flora Reserve, W of Pambula	aesthetic, natural, social	Experiencing the natural environment, Recreating in the outdoors, natural	1+0	0 (0+0)	low
BKY13 BKB19	Numbugga Walls	NE of Bemboka, SE Forests	aesthetic, natural?	Experiencing the natural environment, natural	2+1	3 (1+2)	low
CY02	Numbulla Falls	Numbulla Creek Road	aesthetic, social, Koori	Experiencing the natural environment, Recreating in the outdoors, Koori	3	2	low
BGY18	Old Bega Hospital and Hill Site	Bega	aesthetic, historic	Settling	0	0	low
CBR25	Old Growth Forest	Murrumbidgee and Dampier	aesthetic	natural	1	1	low
EB28	Old Growth Forest	Coolangubra	aesthetic	Experiencing the natural environment	1	3	low
EG16	Old Hut Creek Gorge	headwaters of the Yowaka River	aesthetic	Experiencing the natural environment	2	1	low
BKR16	Old Sassafras Forest	near XI Road and Bemboka River Road intersection	aesthetic, natural	Experiencing the natural environment, natural	3	3	low
ER22	Pambula Creamery	Pambula-Wyndham Road, 5 kms from Princes Highway	aesthetic, historic	Developing sheep and cattle industries	1	2	low
EB33	Pambula Lake Midden Sites	Pambula Lake	aesthetic, historic	Koori	0	0	low
WR16	Pheasants Peak	Coolangubra National Park	aesthetic	Experiencing the natural environment	1	6	low
BKR06	Pigeon Box	Wadbilliga National Park - N of Bemboka	aesthetic	Experiencing the natural environment	1	1	low
CBG17	Pipers Lookout	Brown Mountain	aesthetic	Recreating in the outdoors	1	2	low

CB08	Plum Creek Catchment	Area bounded by Postmans Track, Brittens Fire track and Tanta Creek	aesthetic, natural	Experiencing the natural environment, natural	2	0	low
CBY02	Rainforest in Bodalla State Forest	Dignams Creek	aesthetic	natural	1	0	low
BGG01	Remnant Old Growth Forest	Mumbulla State Forest	aesthetic, natural	Experiencing the natural environment, natural	2	2	low
WR10	Russell Creek Waterhole	Coolangubra National Park	aesthetic	Experiencing the natural environment	2	9	low
WB12	Russell Falls	Below Big Jack, Coolangubra National Park	aesthetic	Experiencing the natural environment	1	0	low
BKY09	Rutherford Creek Rockpool and Waterfall	Brown Mountain escarpment	aesthetic	Experiencing the natural environment, natural	0	0	low
ER16	Saltwater Creek	Ben Boyd National Park	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	1	0	low
EB29	Saltwater to Bittangabee Walking Track	?	aesthetic, natural	Experiencing the natural environment, natural	0	3	low
BGG16	Spotted Gums	Gillards Beach, Mimosa Rocks National Park	aesthetic	Experiencing the natural environment	1	0	low
CB03	Tantawanglo Gorge	Tantawanglo Creek	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	1	0	low
CG11	Tantawanglo River	Area below junction of Six Mile Creek and Tantawanglo River	aesthetic, natural, social,	Experiencing the natural environment, Recreating in the outdoors, natural	3	0	low
BKB11	Tathra Wharf	Tathra	aesthetic, historic, social	Moving goods and people to and from Australian ports	1	0	low
EB01 EG30	The Pinnacles	Haycock Road, North Ben Boyd/South Ben Boyd National Park?	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	1+0	0 (0+0)	low
CY13	Tuross River	Wadbilliga National Park	aesthetic, natural	Experiencing the natural environment, natural	1	0	low
EY07	Two Mile Lookout over Towamba Valley	Pericoe Road, Towamba	aesthetic	Experiencing the natural environment	1	0	low

EB05	Twofold Bay Harbour and Wharves	Snug Cove, Eden	aesthetic, historic, natural, social	Moving goods and people to and from Australian ports	2	2	low
BGR10	Wadbilliga and other endangered species habitat	Brogo Wilderness and National Park	aesthetic, natural, social	Experiencing the natural environment, Recreating in the outdoors, natural	1	1	low
BGY04	Wadbilliga National Park/Wilderness		aesthetic, natural	Experiencing the natural environment, natural	2	2	low
CBY13	Wadbilliga Picnic Site	Wadbilliga National Park, river crossing	aesthetic	Experiencing the natural environment	0	2	low
BKY18	Wadbilliga Road	Wadbilliga National Park	aesthetic	Recreating in the outdoors, Moving goods and people by road	1	0	low
CBY03	Wallaga Lake-Bermagui Coast Walk	Wallaga Lake-Bermagui coast	aesthetic?, social?	Experiencing the natural environment, Recreating in the outdoors	1	1	low
EB07 ER20	Wallagaraugh River	NSW-Victoria Border, SW of Eden	aesthetic, social	Experiencing the natural environment, Recreating in the outdoors	1+0	0 (0+0)	low
CBR03	Wandello Creek and Tuross River junction, Port Phillip Neddy's grave site, Wandella Bridle Track	Wandella State Forest	aesthetic, historic	?, Disposing of dead bodies, Moving goods and people by road	2	3	low
ER06	Waratahs on Letts Mountain	Letts Mountain, Yambula State Forest	aesthetic, natural	Experiencing the natural environment, natural	1	0	low
WB22	Waterfall	Causeway Road, Dingo(?) Creek	aesthetic	Experiencing the natural environment	0	0	low
EY23	White Gum Flat	extension of Pericoe Road, Towamba	aesthetic	Experiencing the natural environment	3	0	low
BGB09	Yellow Pinch and Wolumla Peak Fire Trail and Wolumla Peak Road	Yurramie State Forest, Myrtle Mountain	aesthetic, natural	Experiencing the natural environment, natural	1	0	low

APPENDIX 3

Cultural Heritage Places in the Eden CRA Region Areas & Places within State Forests (for inclusion in Cplan)

Place Name	Value	Tenure	Boundary	Management Implications for SFNSW	Resource Implications	Comments
Old Growth Forest Patches - Kingfisher Road, Myrtle Mt, Wolumla Peak	Social Aesthetic	SFNSW	Await outcomes of Nat assessments but use current PMP 1.2 boundary to indicate community interest.			Can't be delineated as related to natural values in area
Panbula Goldfield	Social Historic Aesthetic	SFNSW	Current RNE boundary	Forest management by prescription	Nil additional impact on resource - area already identified and managed as PMP 1.1.8 Forest management by prescription and has conservation plan	SFNSW needs to review and implement current conservation plan
Goodenia Rainforest	Aesthetic	SFNSW	Indicative boundary as delineated by GH to highlight aesthetic value during integration	Forest management by prescription Maintenance of viewing lines	Moderate impact on surrounding eucalypt forest	
Tannery Site, Gnupa SF	Historic	SFNSW	As delineated by DG as an indicative boundary	Forest management by prescription	Moderate - conservation of representative area of forest around site sought, needs to be clearly delineated, included in PMP and managed by prescription	Requires conservation assessment

Place Name	Value	Tenure	Boundary	Management Implications for SFNSW	Resource Implications	Comments
Yambulla Goldfields & Township	Historic	SFNSW	As delineated by DG as an indicative boundary	Forest management by prescription	Substantial - some areas within area delineated by DG currently PMP 1.1.8 Forest management by prescription, 1.2 excluded from harvesting, 1.3 excluded from harvesting, and 1.1.7 excluded from harvesting	SFNSW concerned whether whole area as delineated is significant and considers that current reservation is adequate. Significant features should be delineated clearly and managed appropriately under prescription. Requires further assessment if considering extending outside current PMP areas

Whipstick mines and village site	Historic	SFNSW	As delineated by DG as an indicative boundary	Forest management by prescription	Moderate - needs to be clearly delineated, included in PMP and managed by prescription	SFNSW expressed some concern about extent of mine boundary as delineated by DG would like significant areas to be clearly delineated and boundary reduced to the minimum size necessary to protect significant sites. Further investigation and conservation assessment required.
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**Cultural Heritage Places in the Eden CRA Region
Areas & Places within State Forests
(for inclusion in Context layers)**

Place Name	Value	Tenure	Boundary	Management Implications for SFNSW	Resource Implications	Comments
Hites Waterwheel Sawmill Site & Rockton Falls	Social Historic Aesthetic	SFNSW	As delineated by DM	Maintenance of value in delineated area Maintenance of viewing lines	Nil, currently protected by streamside buffer and excluded from harvesting.	Currently not on PMP system. Located within Pine Plantation acquired by SFNSW
Murrah State Forest	Social Aesthetic	SFNSW	Await outcomes of Nat assessments			Can't be delineated as related to natural values in area.
Myrtle Mountain Lookout	Social Aesthetic	SFNSW	Current PMP boundary	Maintenance of value in delineated area	Nil, currently PMP 1.1.2 and excluded from harvesting.	
Wallaga Lake	Social Aesthetic	SFNSW, Crown land & NPWS	Current PMP 1.1.6 boundary to be partially extended by 200m.	Forest management by prescription Maintenance of viewing lines	Moderate impact on resource due to extensions of PMP 1.1.6 boundary outside current delineated area and if it is intended that current management prescriptions be changed to entail exclusion from harvesting or stricter prescriptions than currently exist	Concern expressed by SFNSW over extent of boundary as originally delineated by DM & GH. Agreed to high water mark eastern and northern portions of lake, field visitation was undertaken and a negotiated extension of current PMP visual boundary was agreed.
Davidson's Whaling Station	Social Historic Aesthetic	NPWS & SFNSW	As delineated by DG	Forest management by prescription	Nil - Moderate if it is proposed that current management prescriptions be changed - boundary contained within current PMP 1.1.6 area	

Place Name	Value	Tenure	Boundary	Management Implications for SFNSW	Resource Implications	Comments
Cow bail trail / Chimneys trail / cuttings	Historic Aesthetic	NPWS & SFNSW	Indicative boundary as delineated by GH for aesthetic value as delineated by DG for historic value	Forest management by prescription	Moderate - 5m buffer for pine areas within State Forest, 20m buffer for native forest areas within State Forest - requires identification as PMP 1.1.6 harvesting by prescription	Small portion of aesthetic boundary falls in area of native forest recently acquired by SFNSW requires site visitation to finalise boundary 5m for pine, 20m for native forest.
Edrom Lodge	Historic Aesthetic	SFNSW	As delineated by DG	Forest management by prescription Maintain historic values Maintain viewing lines	Nil, currently PMP 1.1.3 education harvesting by prescription.	Conservation Plan required for site
Burrawang Picnic Ground	Aesthetic	SFNSW	Current PMP 1.1.2 and 1.1.6 boundary	Forest management by prescription Maintain viewing lines	Nil - Moderate if it is proposed that current management prescriptions be changed - boundary contained within current PMP 1.1.6 and 1.1.2 harvesting by prescription.	SFNSW was concerned about extension of boundary beyond current PMP area - site visitation has been undertaken and agreement met on using the current PMP boundaries.
Fisheries Beach walk	Aesthetic	SFNSW	As contained with DG's Davidson whaling station boundary	Forest management by prescription Maintain viewing lines	Nil - Moderate if it is proposed that current management prescriptions be changed - boundary contained within current PMP 1.1.6 harvesting by prescription.	

Place Name	Value	Tenure	Boundary	Management Implications for SFNSW	Resource Implications	Comments
Ludwigs Creek	Aesthetic	SFNSW	As delineated by GH	Maintenance of value Maintenance of viewing lines	Nil - contained within current PMP 1.1.7 boundary and excluded from harvesting	
Maxwells forest walk	Aesthetic	SFNSW	As delineated by GH	Maintenance of value Maintenance of viewing lines	Nil - contained within current forest preserve and excluded from harvesting	
Newtons Crossing camping area	Aesthetic	SFNSW	As delineated by GH	Maintenance of value Maintenance of viewing lines	Nil - contained within current PMP 1.1.7 boundary and excluded from harvesting	
Scrubby Creek picnic area	Aesthetic	SFNSW	As negotiated during meeting	Forest management by prescription Maintenance of viewing lines	Nil - Moderate if it is proposed that current management prescriptions be changed - contained within current PMP 1.1.6 & 1.1.2 boundary, harvesting by prescription	
Nethercote Falls	Aesthetic	SFNSW	Current RNE & Flora reserve boundary	Maintenance of value Maintenance of viewing lines	Nil - current flora reserve, excluded from harvesting	
Nalbaugh Falls	Aesthetic	SFNSW	Current PMP boundaries 1.1.7 and 1.1.2.	Forest management by prescription Maintenance of viewing lines	Nil - Moderate if it is proposed that current management prescriptions be changed - contained within current PMP 1.1.6 & 1.1.2 boundary, harvesting by prescription	SFNSW disputed need to include native forest beyond immediate gully surrounding falls. Site visitation was undertaken to determine whether areas of native forest need to be included. Agreed existing boundaries sufficient.

Place Name	Value	Tenure	Boundary	Management Implications for SFNSW	Management & Resource Implications	Comments
Wog Way Forest Drive	Aesthetic	NPWS & SFNSW	As delineated by GH - PMP 1.1.6 buffer on area of native forest.	Forest Management by prescription Maintenance of value Maintenance of viewing lines	Significant depending on nature of reservation and extent of buffer.	Wog Way is contained within National Park and State Forests but road and easement is currently under management of SFNSW. SFNSW agreed to a visual PMP1.1.6 buffer in native forest as per Imlay road with harvesting by prescription
Montreal Goldfields	Historic	SFNSW, Crown Land & Private	As delineated by DG	Forest management by prescription	Mostly private & crown land issue, if determined to be partly on State Forest may require PMP	Requires further investigation to determine tenure Conservation assessment required
Prison Farm, Bondi SF	Historic	SFNSW	As delineated by DG	Maintenance of value	Nil - on cleared land within pine plantation	Needs conservation assessment within delineated area
Quarry Site	Historic	SFNSW	As delineated by DG	Unrestricted logging	Nil - no change to current management practices	
Razor-back Fire Trail	Historic	SFNSW & NPWS	As delineated by DG	Unrestricted forestry	Nil - no change to current management practices	
Sleeper cutter camps, Murrah SF	Historic	SFNSW	As delineated by DG	Forest management by prescription	Negligible - needs to be clearly delineated included in PMP and managed by prescription	Requires further investigation & assessment of significant areas Conservation plan and management guidelines

Place Name	Value	Tenure	Boundary	Management Implications for SFNSW	Management & Resource Implications	Comments
Wolumla goldfield	Historic	SFNSW, and possibly some private	As delineated by DG as an indicative boundary	Forest management by prescription	Potentially substantial if entire boundary as delineated by DG applied - some of the area is currently PMP 1.1.6 harvesting by prescription	SFNSW has some concern about extent of mine boundary as delineated by DG can current PMP 1.1.6 boundary suffice rather than 1km radius. Mines appear to extend west into private property .
Woolingubrah Inn	Historic	SFNSW	As delineated by DG as an indicative boundary - requires further discussion	Forest management by prescription	Potentially substantial on pine resource) if buffer suggested by DG (300m) is considered, site currently has 50 - 100m buffer.	Highly significant site urgently requiring stabilisation and conservation plan.
Tantawangalo Road and Lookout	Aesthetic Historic	SFNSW & NPWS	As delineated by GH and negotiated at meeting	Forest management by prescription Maintenance of viewing lines	Nil - moderate if it is proposed that current management prescriptions be changed - within current PMP 1.1.6 boundary harvesting by prescription	

APPENDIX 4

AUSTRALIAN HERITAGE COMMISSION CRITERIA FOR THE REGISTER OF THE NATIONAL ESTATE

Without limiting the generality of sub-section (1) of the *Australian Heritage Commission Act 1975*, a place that is a component of the natural or cultural environment of Australia is to be taken to be a place included in the national estate if it has significance or other special value for future generations as well as for the present community because of:

Criterion A: Its importance in the course, or pattern, of Australia's natural or cultural history.

A.1 Importance in the evolution of Australian flora, fauna, landscapes or climate.

A.2 Importance in maintaining existing processes or natural systems at the regional or national scale.

A.3 Importance in exhibiting unusual richness or diversity of flora, fauna, landscapes or cultural features.

A.4 Importance for association with events, developments or cultural phases which have had a significant role in the human occupation and evolution of the nation, State, region or community.

Criterion B: Its possession of uncommon, rare or endangered aspects of Australia's natural or cultural history.

B.1 Importance for rare, endangered or uncommon flora, fauna, communities, ecosystems, natural landscapes or phenomena, or as a wilderness.

B.2 Importance in demonstrating a distinctive way of life, custom, process, land-use, function or design no longer practiced, in danger of being lost, or of exceptional interest.

Criterion C: Its potential to yield information that will contribute to an understanding of Australia's natural or cultural history.

C.1 Importance for information contributing to a wider understanding of Australian natural history, by virtue of its use as a research site, teaching site, type locality, reference or benchmark site.

C.2 Importance for information contributing to a wider understanding of the history of human occupation of Australia.

Criterion D: Its importance in demonstrating the principal characteristics of:

(i) a class of Australia's natural or cultural places; or
(ii) a class of Australia's natural or cultural environments.

D.1 Importance in demonstrating the principal characteristics of the range of landscapes, environments or ecosystems, the attributes of which identify them as being characteristic of their class.

D.2 Importance in demonstrating the principal characteristics of the range of human activities in the Australian environment (including way of life, custom, process, land-use, function, design or technique).

Criterion E: Its importance in exhibiting particular aesthetic characteristics valued by a community or cultural group.

E.1 Importance for a community for aesthetic characteristics held in high esteem or otherwise valued by the community.

Criterion F: Its importance in demonstrating a high degree of creative or technical achievement at a particular period.

F.1 Importance for its technical, creative, design or artistic excellence, innovation or achievement.

Criterion G: Its strong or special associations with a particular community

or cultural group for social, cultural or spiritual reasons.

G.1 Importance as a place highly valued by a community for reasons of religious, spiritual, symbolic, cultural, educational, or social associations.

Criterion H: Its special association with the life or works of a person, or group of persons, of importance in Australia's natural or cultural history.

H.1 Importance for close associations with individuals whose activities have been significant within the history of the nation, State or region.

APPENDIX 5:

Completed Assessments Documented for the CRA Inventory Database

The final assessment of places of aesthetic value in the Eden CRA Region is still occurring. It is anticipated that the final version of this report will contain these assessments.