City of Kwinana

Local Biodiversity Strategy **2022**

PUBLIC VERSION

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Executive Summary

The City of Kwinana (the City) is a thriving and expanding local government area located approximately 25 km south of the Perth Central Business District and contains diverse land uses including heavy industry, urban residential, rural and commercial areas. The City has grown rapidly from a population of 23,986 in 2006 to an estimated residential population of 41,866 in 2017 (City of Kwinana 2018) and has the second fastest growing population within any local government area within Western Australia (City of Kwinana 2021c). Kwinana's population is anticipated to grow by approximately 45,000 additional people and 15,000 new dwellings over the next 15 years (City of Kwinana 2021a). By 2036, the population of Kwinana is expected to be approximately 85,000 people. Due to the anticipated population growth and residential land and housing requirements, the conservation and protection of biodiversity must be a priority, so that current and future generations can appreciate existing natural environments and biodiversity.

The south-west of Western Australia is one of 36 global biodiversity hotspots, with high levels of species endemism. Biodiversity underpins the ecological processes necessary for maintaining marine and estuarine quality, soil fertility and clean fresh water and air (City of Kwinana 2019) and is a fundamental quality and character of the landscape, provides recreational opportunities, aesthetic value and cultural identity (City of Kwinana 2019).

The City of Kwinana contains a variety of landforms including dune systems from Kwinana Beach, wetlands including "The Spectacles" and extends out into the Bassendean Dune system east of the Kwinana Freeway containing the Banksia Woodlands of the Swan Coastal Plain Threatened Ecological Community (TEC) (City of Kwinana 2018). A total of seven Commonwealth or State-listed TECs occur within the City, as well as two Priority Ecological Communities (PECs). Numerous Department of Biodiversity Conservation and Attractions (DBCA) Managed Reserves and Regional Parks (Beeliar and Jandakot Regional Parks), as well as 11 Bush Forever sites occur within the City.

Numerous factors threaten biodiversity within the City, including:

- weed invasion
- fragmentation of remnant vegetation and habitat loss through land clearing
- poor land-use planning and development
- altered hydrology and erosion
- pathogens
- feral animals preying on native animals and reducing habitat (loss of nesting hollows to more aggressive introduced birds and feral bees)
- degradation of natural areas through illegal dumping, vandalism of native flora during wood collection, off road motor bikes and 4WD vehicles
- global and regional threats such as climate change.

The City of Kwinana's Draft Local Planning Strategy (2021a) recommended the preparation of this Local Biodiversity Strategy (LBS) to provide a framework for the protection and management of significant local natural areas (LNAs) within the City, in addition to those already set aside for protection by the State Government. The LBS was developed in response to the continuing decline of natural environments and native biodiversity (Ironbark Environmental 2017).

The City's LBS outlines strategic directions and actions, with the vision to 'Prioritise, protect and enhance the City's natural areas'. The LBS has been developed to achieve the City's vision through the following strategic directions:

1. Increase the protection status of significant biodiversity in the City, including on local government managed or owned lands, and on private land.
2. Appropriately manage LNAs to reduce identified threats.
3. Increase the viability and resilience of LNAs by establishing or enhancing buffers and regional and local ecological linkages.
4. Achieve long-term community engagement in local biodiversity management.
5. Embed the consideration of biodiversity as standard in all decisions and activities of the City.

1 Introduction

1.1 BIODIVERSITY

Biodiversity can be described as the variety of all living things such as plants, animals, micro-organisms, the genetic information they contain and the ecosystems they form, which exists at three main levels (Australian Museum 2021):

Genetic diversity – the variety of genetic information contained in all living things which varies within and between populations of organisms comprising single species or wider groups.

Species diversity – the variety of species on Earth.

Ecosystem diversity – the variety of the Earth's habitats, ecosystems and ecological processes (National Biodiversity Strategy Review Task Group 2009).

The southwest of Western Australia is one of 36 global biodiversity hotspots with high levels of species endemism and loss of habitat. To qualify as a biodiversity hotspot, at least 1,500 vascular flora species must be endemic and 30% or less of its original native vegetation remains (Conservation International 2021). There are 812 genera from 232 flora plant families (Gioia 2010) which are endemic to southwest Western Australia, where many species have restricted distributions and species and subspecies are still to be described (Hopper and Gioia 2004).

Approximately 34.77% of the original extent of native vegetation remains within the City of Kwinana, with only 3.77% under formal protection.

Why Conserve and Protect Biodiversity?

Conservation has been defined by the World Conservation Strategy (IUCN 1980) as:

"The management of human use of the biosphere so that it may yield the greatest sustainable benefit to present generations while maintaining its potential to meet the needs and aspirations of future generations."

Biodiversity conservation and protection can be influenced by underlying human influences and philosophies or ethical positions that can differ between individuals, communities and organisations (Lindenmayer and Burgman 2005). These values and ethical positions are summarised in **Table 1**.

Table 1 – Values and Ethical Positions in Relation to Biodiversity Conservation (Lindenmayer and Burgman 2005)

Utilitarian Value
- Consumptive value
- Productive use value
- Service value
- Scientific and educational value
- Cultural, spiritual, experiential and existence value
- Aesthetic, recreational and tourist use

Intrinsic Value
- Ecocentric ethic
- Biocentric ethic

Futuristic Option Value
- Future discoveries of utilitarian and/or intrinsic value

Precautionary Principle

Ecosystem services are processes by which natural ecosystems sustain human life and include, but are not limited to, producing goods and services (DEWHA 2009). These services and processes can be further broadly categorised as:

- *Production of goods: e.g., food, pharmaceuticals, durable materials, energy, industrial products and genetic resources*
- *Regenerative process: e.g., cycling and filtration processes*
- *Stabilisation processes: e.g., coastal and riverbank stability and the control of pest species*
- *Life-fulfilling processes: e.g., aesthetic beauty and serenity*
- *Preservation of future options: e.g., new goods and services awaiting discovery* (Lovett *et al., 2004).*

As well as providing these services, natural environments that are relatively undisturbed can add to scientific and educational value. For example, students understanding a wetland as a natural ecosystem in a practical sense. There may also be areas or sites of spiritual and cultural significance for indigenous people. Even the existence of natural areas and high level of biodiversity in these areas may provide aesthetic, recreational and tourist appeal that both provides conservation and protection of biodiversity as well as contributes to the economy through tourism (Lindenmayer and Burgman 2005).

Conservation and protection of biodiversity at any scale, including Global, National, State, and Local should be a priority. At a local level the importance is more relevant as it is happening in our own backyard, and we can see we are making a difference (Ironbark Environmental 2007). Due to this, the City prepared a Local Biodiversity Strategy (LBS) and revised it so that current and future generations can appreciate the existing natural environment and biodiversity.

1.2 LOCAL BIODIVERSITY STRATEGY

1.2.1 Context

The City of Kwinana developed the first stage of their LBS which was prepared by Ironbark Environmental in 2007. The LBS followed the biodiversity planning guidelines prepared by the Western Australian Local Government Association (WALGA) supported by the State Government (Del Marco *et. al.* 2004). Ironbark Environmental was commissioned to prepare a paper, 'Natural Area Conservation in the City of Kwinana Paper' (NACKP) in 2013, which reviewed and updated key components of the City's LBS and was incorporated into the City's Draft Local Planning Strategy (LPS) (City of Kwinana 2021a; 2021b).

1.2.2 Importance of a Local Biodiversity Strategy

A biodiversity strategy is developed in response to the continuing decline of natural environments and native biodiversity, with the overall goal to recover and conserve the existing biodiversity and environment. An LBS allows for a more detailed focus on the natural environment that exists within the City's municipality (Ironbark Environmental 2007). The previous strategy provided an overarching set of goals and targets summarised in an action plan at a local level to benefit both the environment and local community and allowed for community contribution in the decision-making process and identification of LNAs they consider important for current and future conservation and preservation (Ironbark Environmental 2007).

1.2.3 Strategy Framework

A LBS is a local planning policy that has been developed in accordance with the Local Government Biodiversity Planning Guidelines (Del Marco et. al. 2004) designed to identify and prioritise local natural areas (LNAs) for conservation. It also meets the requirements of a local bushland protection strategy, as referred to in State Planning Policy 2.8 (Government of Western Australia 2010).

A LBS will inform the LPS, and the LPS will in-turn inform the LBS, in relation to the potential issues associated with the City's biodiversity values and LNAs and provide guidance to the future conservation, preservation, and environmental management (City of Kwinana 2019). These documents in current existence, and all other relevant statutory requirements related to biodiversity conservation within the City are discussed in detail in Section 2.

This LBS forms part of the City's vision, where from a community's perspective it's "a unique and liveable City, celebrated for, and connected by, its diverse community, natural beauty and economic opportunities" and from a planning view, "effective planning today, helps to shape the Kwinana of tomorrow". Both visions will ensure any future planning and directions for the City incorporate biodiversity conservation, with an increase in community awareness of their surroundings and environment.

A vision for biodiversity protection and conservation has been developed as the basis of this LBS, and in support of this vision, strategic directions have been derived, with strategic actions determined in order to achieve each of the strategic directions.

The framework for this LBS is designed to update and complement past strategies and relevant City documents relating to the protection of its natural environment and biodiversity. The LBS methodology utilised to develop this framework is broadly summarised in **Figure 1.**

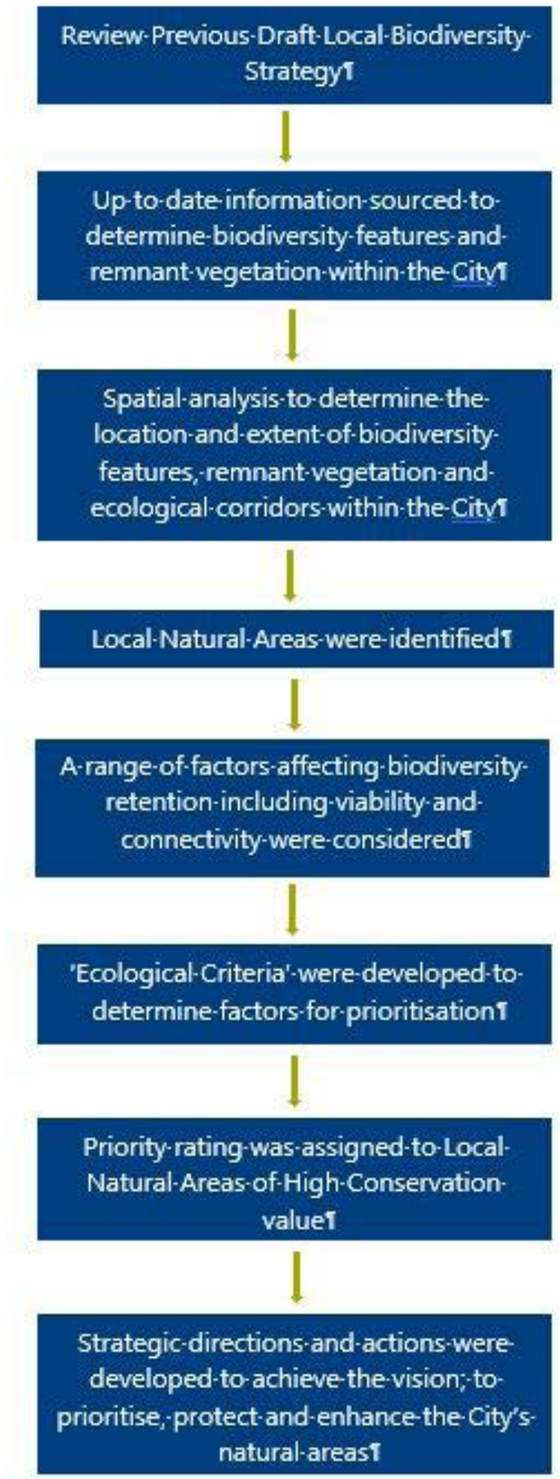


Figure 1 – Methodology for Development of the LBS

1.2.4 Local Natural Areas

LNAs are defined as natural areas excluding the DBCA Managed Estate, Regional Parks and Bush Forever sites (Del Marco et al. 2004). They are areas the City has greatest control of and influence over (Ironbark Environmental 2007). The City's LNAs include bushland, wetlands, foreshores, coastal areas and any areas in a near-natural state with native species, excluding Bush Forever sites, DBCA managed lands, and Regional Parks. The LNAs within the City are presented in **Figure 2**. As these areas are the responsibility of the City, and where there are opportunities to protect and enhance biodiversity, the LBS will help identify them and achieve the vision of the LBS. Achievement of the vision will be via the implementation of strategic actions, which have been formulated based on prioritised LNAs. The LNAs have been prioritised in reference to categories developed by Del Marco et al. (2004). The prioritisation process is discussed in more detail in **Section 5**.

The City of Kwinana comprises a total area of 12,005.68 ha. Of this, 4,174.62 ha (34.77%) of the pre-European extent of vegetation currently remains. A summary of the remaining vegetation extent by administrative planning categories is presented in **Table 2**.

Table 2 – Summary of Remaining Vegetation in the City

Administrative Planning Category	Area (ha)	% of Total
Total City Area	12,005.68	100
Urban/Non-vegetated area	7,831.06	65.23
2020 Native vegetation extent	4,174.62	34.77
Bush Forever	2,378.90	19.81
DBCA Conservation Estate	915.30	7.62
Existing City Managed Reserves	419.45	3.49
Local Natural Areas	2,140.70	17.83
Local Natural Areas (excluding existing City Managed Reserves and current residential development areas)	1,941.04	16.17

Figure 2 – LNAs in the City of Kwinana

2 Legislation, Policies and Plans

2.1 LEGISLATION

In Western Australia, biodiversity conservation and protection of the natural environment is achieved through a hierarchy of legislation, policy, and planning frameworks. Both statutory and non-statutory planning processes and tools address matters in relation to the retention of remnant vegetation, protection of flora and fauna species, and management of their habitats. This LBS draws upon existing legislative and government policies across National, State and Local levels that are summarised below **(Table 3).**

Table 3 – Summary of Legislative, Policy, and Planning Frameworks

Government Jurisdiction	Statutory Mechanisms/ Legislation	Key Strategic, Policy, and Planning Documents
National	• *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)	• National Local Government Biodiversity Strategy (Berwick and Thorman 1999) • National Objectives and Targets for Biodiversity Conservation 2001-2005 (Commonwealth of Australia 2001) • Australia's Strategy for Nature 2019-2030 (Commonwealth of Australia 2019) • National Wildlife Corridors Plan 2012 (DESWPC 2012)

Government Jurisdiction	Statutory Mechanisms/ Legislation	Key Strategic, Policy, and Planning Documents
State	*Environmental Protection Act 1986* (EP Act) *Conservation and Land Management Act 1984* (CALM Act) *Wildlife Conservation Act 1950* (WC Act) *Planning and Development Act 2005* (PD Act) *Biodiversity Conservation Act 2016* (BC Act) *Soil and Land Conservation Act 1945* (SLC Act)	A 100-year Biodiversity Conservation Strategy for Western Australia DRAFT Phase One: Blueprint to the Bicentenary in 2029 (DEC 2006) Perth and Peel @ 3.5 Million: Environmental Impacts, Risk and Remedies (EPA 2015) South Metropolitan Peel Sub-Regional Planning Framework (DPLH 2018) Bush Forever – Volume 1: Policies, Principles and Processes and Bush Forever – Volume 2: Directory of Bush Forever sites (Government of Western Australia 2000a & 2000b) WA Environmental Offsets Policy and Guidelines (Government of Western Australia 2011 & 2014) Wetlands Conservation Policy for Western Australia (Department of Conservation and Land Management 1997) Metropolitan Region Scheme (WAPC 1984/2014) Towards Establishing a Green Network (South West Group 2014) State Planning Policy 2.0 – Environment and Natural Resources Policy State Planning Policy 2.1 – The Peel-Harvey Coastal Plain Catchment State Planning Policy 2.3 – Jandakot Groundwater Protection State Planning Policy 2.4 – Basic Raw Materials State Planning Policy 2.5 – Rural Planning State Planning Policy 2.6 – State Coastal Planning State Planning Policy 2.7 – Public Drinking Water Source State Planning Policy 2.8 – Bushland Policy for the Perth Metropolitan Region State Planning Policy 2.9 – Water Resources State Planning Policy 3.0 – Urban Growth and Settlement State Planning Policy 4.1 – State Industrial Buffer
Local		Local Government Biodiversity Planning Guidelines for Perth Metropolitan Region (Del Marco *et al*. 2004) City of Kwinana Local Planning Scheme No. 2 (1992)

2.2 CITY OF KWINANA

The City has prepared policies, and strategic and planning documents that identify and address biodiversity, planning and operational aspects, as well as how to implement and monitor the progress and changes across the municipality (listed in **Table 3**). In addition to the LBS, other relevant documents address the protection and conservation of biodiversity and the management of LNAs and native vegetation within the local area.

2.2.1 City of Kwinana Draft Local Planning Strategy 2021-2036

The City's Local Planning Strategy (LPS) (2021a) indicates that the key element in relation to liveability, character, resilience and sustainable development is the environment. The key environmental directions are to:

Enhance tree canopy cover to cool residential streets and open spaces during extreme heat, provide shade to encourage walking and cycling, create leafy neighbourhoods, and enhance local biodiversity

Identify ecological linkages which link locally and regionally significant LNAs and provide stepping-stones for flora and fauna. These linkages would support the ongoing management of regional sites and provide opportunities for integrated walking trails with interpretive signage

To identify, permanently protect and enhance Kwinana's natural environment which is critical to the maintenance of ecological processes and biodiversity

Promote planning measures that encourage climate change adaptation and mitigation to ensure our communities are both resilient and liveable.

From these directions, 16 strategic actions have been proposed over the course of the Planning Strategy and shall be ongoing for future generations. One of these actions is the preparation of a Local Biodiversity Strategy (this document) which prioritises LNAs requiring conservation and protects significant landscape features and ecological linkages. In addition, as indicated above, Western Australia is vulnerable to climate change impacts and the City has recognised its responsibility to act through the adoption of the Climate Change Plan 2021 – 2026.

2.2.2 City of Kwinana Strategic Community Plan 2021-2031

The City's Strategic Community Plan through community engagement has assisted in the development of new strategic directions with the central vision of:

"A unique and liveable City, celebrated for and connected by, its diverse community, natural beauty and economic opportunities".

In relation to the environment, the community outcome identified is to have 'a naturally beautiful environment that is enhanced and protected'. Strategic objectives to implement this outcome are to:

- Retain and improve our streetscapes and open spaces, preserving the trees and greenery that makes Kwinana unique
- Maintain and enhance our beautiful, natural environment through sustainable protection and conservation.

Activities such as coastal planting and implementing measures which includes community engagement to improve satisfaction with conservation, land and environmental management will assist with driving the strategies and plans summarised in **Table 4**, helping to achieve both the environmental outcomes and related strategic objectives.

Table 4 – City of Kwinana Key Policies, Strategies and Planning Documents

Key Policies, Strategies and Planning Document
Town of Kwinana Local Planning Scheme No. 2
Town of Kwinana Local Planning Scheme No. 3
City of Kwinana Policy - -Development within Special Rural Zones 2001
City of Kwinana Local Planning Policy No. 1 – Landscape Feature and Tree Retention
City of Kwinana Local Planning Policy No. 2 – Streetscapes
City of Kwinana Local Planning Policy No. 3 – Bollard Bulrush Landscape Masterplan
A Future for Kwinana's Natural Areas, Draft Report: Technical Version 2007
Town of Kwinana Bushland Masterplan 2006-2011
Natural Area Conservation in the City of Kwinana 2013
City of Kwinana Local Biodiversity Study 2019
City of Kwinana Natural Areas Management Plan 2014-2024
City of Kwinana Climate Change Mitigation and Adaptation Plan 2015-2020
City of Kwinana Sustainable Water Management Plan 2018
City of Kwinana Strategic Community Plan 2021-2031
City of Kwinana Draft Local Planning Strategy 2021-2036
Waste Plan
Waste Education Plan
Environmental Education Plan
Climate Change Plan
Landscape Strategy
Sustainable Water Management Plan
Kwinana Local Emergency Management Plan
Calista Oval Management Plan
Mosquito and Midge Management Plan

2.2.3 Town of Kwinana Local Planning Scheme No. 2 and No. 3

Throughout this document, the Town of Kwinana Local Planning Scheme No. 2 and No. 3 will be referred to as the Scheme to prevent confusion with the LPS. Of the five objectives for the Scheme, one is related to the environment, which is; 'introducing measures by which places of natural beauty and places of historic or scientific interest may be conserved'.

Land reserved under the Scheme for local government purposes is known as a Local Reserve', and any potential development may require planning approval from the local government under the Scheme. The Scheme area is covered by Policy and Development Areas and Zones, where each Policy Area is the subject of a Policy Statement that establishes broad land use objectives as a guide to future decisions concerning subdivision, development and zoning. Twenty-two Policy Areas exist within the municipality and each makes reference, where applicable, to the protection and conservation of LNAs and reducing any potential impacts on the natural environment e.g. for Area 5 – The Spectacles, the Policy Area states that "the landscape amenity of the Spectacles Wetlands shall be conserved".

2.2.4 City of Kwinana Policy – Development within Special Rural Zones

The City of Kwinana Policy – Development within Special Rural Zones (2001) provides guidance to ensure that the use and development within Special Rural Zones is in a manner appropriate to the intentions of the zoning, has minimal impact on neighbouring properties and the environment, and provides guidelines for the protection and rehabilitation of remnant vegetation.

2.3 RETENTION OF VEGETATION

The Local Government Biodiversity Planning Guidelines for the Perth Metropolitan Region (Del Marco et al. 2004) identified nine guiding principles for conservation and biodiversity planning that are supported by legislation, policy, and research. One of the guiding principles is: the retention of at least 30% of the pre-European extent of each ecological community is required to prevent an exponential loss of species and failure of ecosystem processes (Del Marco et al. 2004) **(Figure 3)**.

The National Objectives and Targets for Biodiversity Conservation 2001-2005 (Commonwealth of Australia 2001) also recognise that the retention of 30% or more of the pre-European extent of each ecological community is necessary if Australia's biodiversity is to be protected.

The retention of original vegetation requires adequate representation of the ecological communities across different landscapes, ecosystems, and among various groups of organisms to maintain sustainable levels of biodiversity. It has been identified that the acceleration of biodiversity decline appears to be caused by habitat fragmentation and becomes significantly greater once the vegetation community drops below the 30% threshold (Miles 2001).

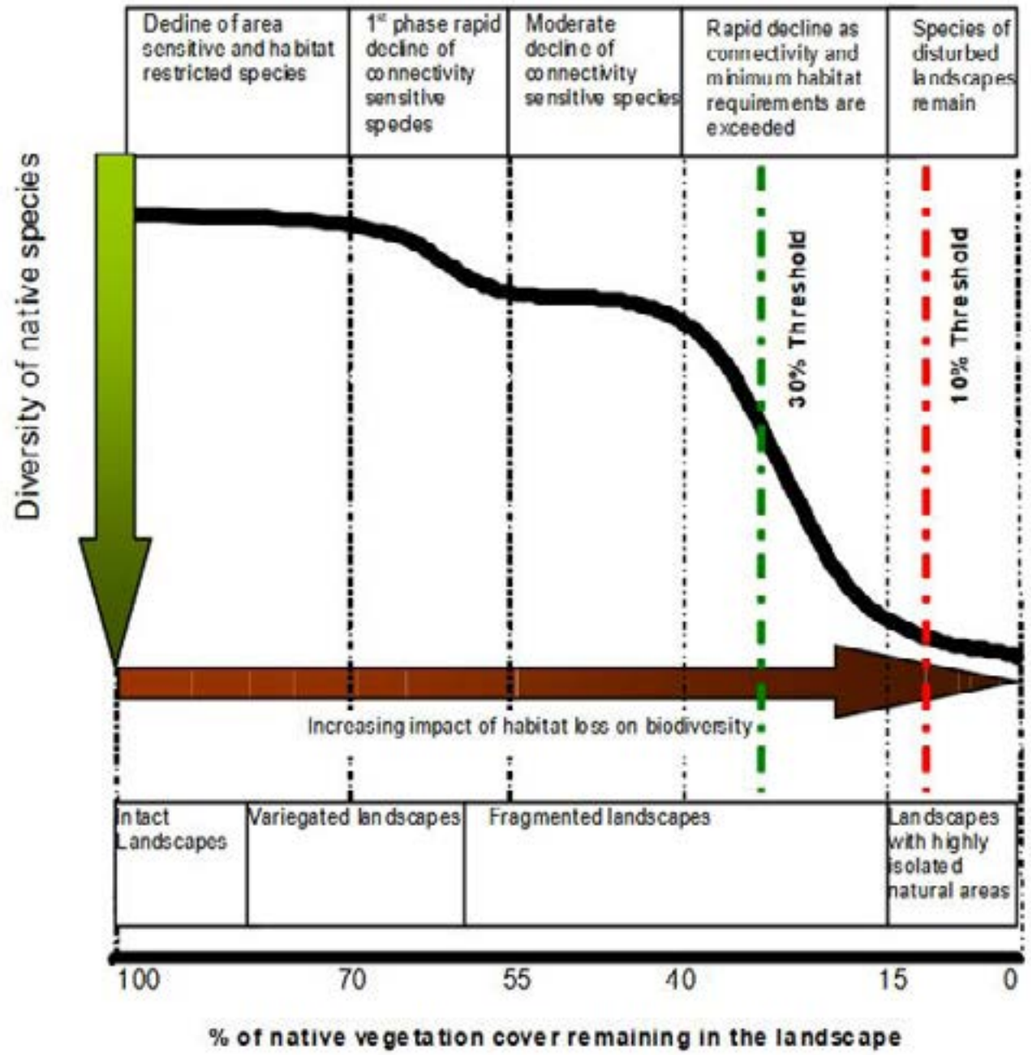


Figure 3 – Biodiversity Loss in Relation to Native Vegetation Loss (Smith and Siversten 2001)

3 BIODIVERSITY ASSETS

3.1 VEGETATION

The City of Kwinana vegetation has been broadly characterised by Beard (1990). The Beard (1990) vegetation associations supported by the City of Kwinana and the remaining extent across a range of contexts are presented in **Table 5** and spatially in **Figure 4.**

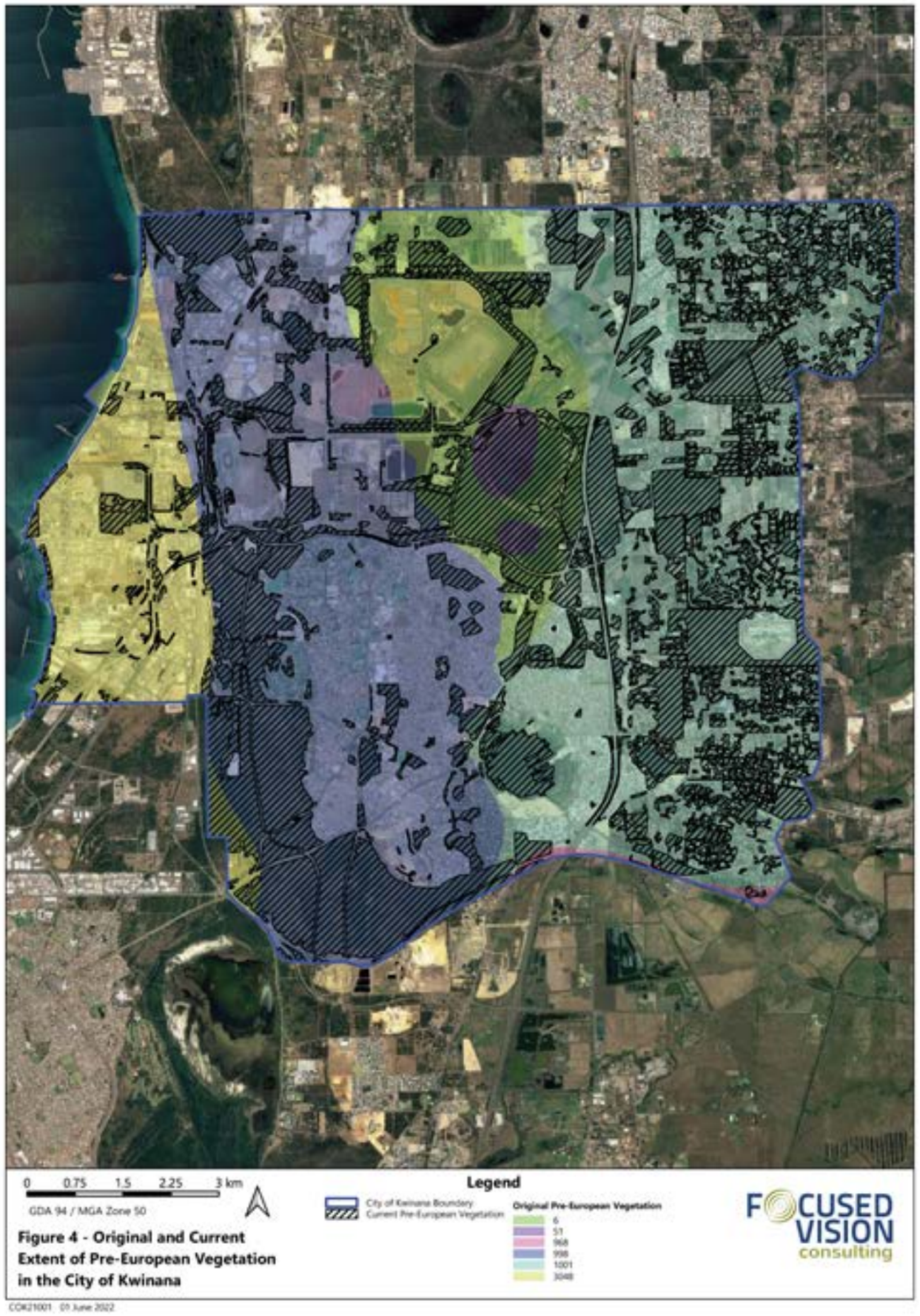
Table 5 - Pre-European Vegetation within the City of Kwinana (Beard 1990, DBCA 2019)

Extent	Veg. Association No.	Broad Vegetation Description	Pre European Extent (ha)	Current Extent (ha)	% Pre European Extent Remaining	% Current Extent in DBCA Managed Lands*
Swan Coastal Plain	6	Medium woodland; tuart & jarrah	56,343.01	13,362.25	23.72	9.45
	51	Sedgeland; reed swamps, occasionally with heath	1,838.70	965.37	52.50	2.75
	968	Medium woodland; jarrah, marri & wandoo	136,188.20	9,017.32	6.62	1.43
	998	Medium woodland; tuart	50,867.50	18,492.32	36.35	17.70
	1001	Medium very sparse wood-land; jarrah, with low wood-land; banksia & casuarina	57,410.23	12,660.76	22.05	3.13
	3048	Shrublands; scrub-heath on the Swan Coastal Plain	10,418.06	3,043.13	29.21	8.22
City of Kwinana	6	Medium woodland; tuart & jarrah	1,477.48	547.36	37.05	0
	51	Sedgeland; reed swamps, occasionally with heath	151.17	139.53	92.30	0
	968	Medium woodland; jarrah, marri & wandoo	52.80	13.08	24.77	0
	998	Medium woodland; tuart	4,307.81	1,479.46	34.34	9.34
	1001	Medium very sparse wood-land; jarrah, with low wood-land; banksia & casuarina	4,694.17	1,745.29	37.18	0.73
	3048	Shrublands; scrub-heath on the Swan Coastal Plain	1,328.25	176.51	13.29	1.20

*Proportion of pre-European extent

Adequate levels of protection are based on widely accepted thresholds relating to original pre-European extent of vegetation remaining. A number of vegetation associations represented in the City of Kwinana are not currently adequately protected. All of the vegetation associations occurring within the City of Kwinana, currently have less than 10% of the original extent occurring within DBCA Managed Lands within the City.

Figure 4 – Original and Current Extent of Pre-European Vegetation in the City of Kwinana



Further to vegetation associations (Beard 1990) as discussed above, vegetation complexes have also been defined by Heddle et al. (1980) and are based on vegetation in association with landforms and underlying geology. The seven vegetation complexes within the City of Kwinana are described in **Table 6** and presented in **Figure 5.**

Table 6 - Vegetation Complexes within the City of Kwinana (Heddle et al. 1980)

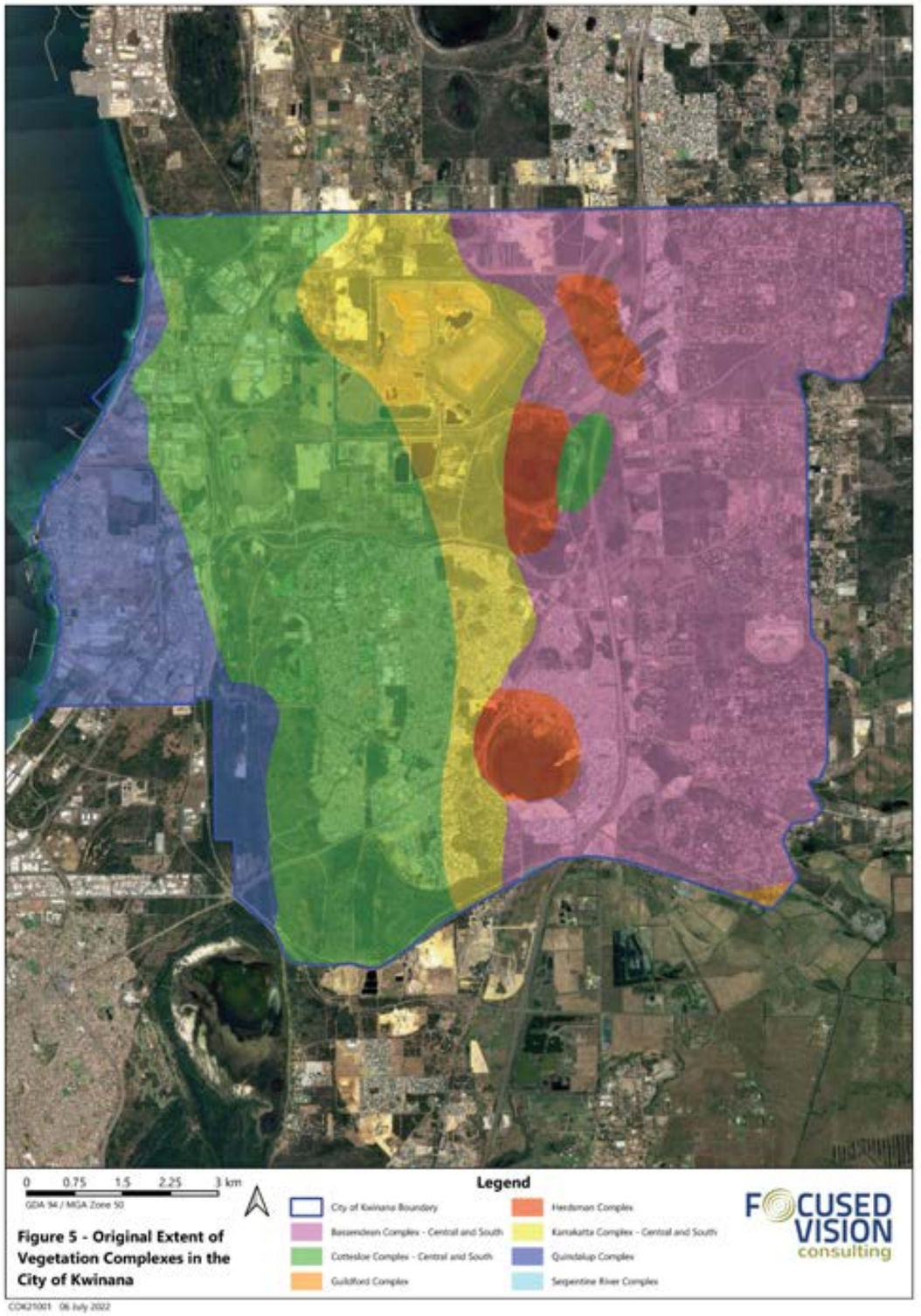
Extent	Vegetation Complex	Description	Pre European Extent (ha)	Current Extent (ha)	% Remaining*
Swan Coastal Plain	Bassendean Complex – central and south	Vegetation ranges from woodland of Eucalyptus marginata (Jarrah) - Allocasuarina fraseriana (Sheoak) - Banksia species to low woodland of Melaleuca species, and sedgelands on the moister sites.	87,476.26	23,508.66	26.87
	Cottesloe complex – central and south	Mosaic of woodland of Eucalyptus gomphocephala (Tuart) and open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri); closed heath on the Limestone outcrops.	45,299.61	14,567.87	32.16
	Guildford complex	A mixture of open forest to tall open forest of Corymbia calophylla (Marri) - Eucalyptus wandoo (Wandoo) - Eucalyptus marginata (Jarrah) and woodland of Eucalyptus wandoo (Wandoo) (with rare occurrences of Eucalyptus lane-poolei (Salmon White Gum)).	9,665.15	3,103.70	32.11
	Herdsman Complex	Sedgelands and fringing woodland of Eucalyptus rudis (Flooded Gum) - Melaleuca species.	53,080.99	12,467.20	23.49
	Karrakatta complex – central and south	Predominantly open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) and woodland of Eucalyptus marginata (Jarrah) - Banksia species.	54,573.87	33,011.64	60.49
	Quindalup complex	Coastal dune complex Local variations include the low closed forest of Melaleuca lanceolata - Callitris preissii the closed scrub of Acacia rostellifera and the low closed Agonis flexuosa forest of Geographe Bay.	90,513.13	4,607.91	5.09
	Serpentine River Complex	Closed scrub of Melaleuca species and fringing woodland of Eucalyptus rudis (Flooded Gum) - Melaleuca rhaphiophylla (Swamp Paperbark) along streams.	19,855.41	1,940.18	9.77
City of Kwinana	Bassendean Complex – central and south	Vegetation ranges from woodland of Eucalyptus marginata (Jarrah) - Allocasuarina fraseriana (Sheoak) - Banksia species to low woodland of Melaleuca species, and sedgelands on the moister sites.	4,678.84	1,741.09	37.21
	Cottesloe complex – central and south	Mosaic of woodland of Eucalyptus gomphocephala (Tuart) and open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri); closed heath on the Limestone outcrops.	3,789.77	1,269.91	33.51
	Guildford complex	A mixture of open forest to tall open forest of Corymbia calophylla (Marri) - Eucalyptus wandoo (Wandoo) - Eucalyptus marginata (Jarrah) and woodland of Eucalyptus wandoo (Wandoo) (with rare occurrences of Eucalyptus lane-poolei (Salmon White Gum)). Minor components include Eucalyptus rudis (Flooded Gum) - Melaleuca rhaphiophylla (Swamp Paperbark).	579.45	279.81	48.29
	Herdsman Complex	Sedgelands and fringing woodland of Eucalyptus rudis (Flooded Gum) - Melaleuca species.	1,633.94	492.55	30.14

Extent	Vegetation Complex	Description	Pre European Extent (ha)	Current Extent (ha)	% Remaining*
City of Kwinana (continued)	Karrakatta complex – central and south	Predominantly open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) and woodland of Eucalyptus marginata (Jarrah) - Banksia species.	1,289.37	309.22	23.98
	Quindalup complex	Coastal dune complex Local variations include the low closed forest of Melaleuca lanceolata - Callitris preissii the closed scrub of Acacia rostellifera and the low closed Agonis flexuosa forest of Geographe Bay.	19.47	2.77	14.22
	Serpentine River Complex	Closed scrub of Melaleuca species and fringing woodland of Eucalyptus rudis (Flooded Gum) - Melaleuca rhaphiophylla (Swamp Paperbark) along streams.	3.56	2.97	83.43

*Proportion of pre-European extent

Of the seven vegetation complexes listed in **Table 6,** two, the Karrakatta complex – central and south and the Quindalup complex have less than 30% of their pre-European extent remaining within the City of Kwinana. A level of 30% of pre-clearing extent is the level below which species loss appears to accelerate exponentially at the ecosystem level (EPA 2008). From purely a biodiversity perspective, a level of 10% of the original extent of a vegetation association is regarded as being a level representing Endangered (EPA 2008) and any clearing which would increase the threat level to a vegetation association should be avoided.

Figure 5 – Original Extent of Vegetation Complexes in the City of Kwinana



3.2 REGIONAL PARKS, DBCA RESERVES, CITY RESERVES

Of the 4,174 ha of pre-European vegetation remaining within the City, over 78% (3,294 ha) is under State Government protection and management, which includes National Parks, State Forests, Nature Reserves, and Conservation Parks managed by DBCA, and Parks and Recreation Reserves of the Metropolitan Region Scheme (MRS). Land categorised as a 5(1)(h) Reserve is land administered under the Land Administration Act (1997) (LA Act) which is vested in the Conservation and Parks Commission of WA that is not a National Park, Conservation Park, Nature Reserve, Marine Park or Marine Nature Reserve. Bush Forever sites are also protected by State processes, and these are discussed in further detail in **Section 3.2.3.**

3.2.1 Regional Parks

3.2.1.1 Beeliar Regional Park

Beeliar Regional Park wetland chain is considered one of the most important lake and wetland systems remaining within the Perth metropolitan region **(Figure 6).** These wetland chains occupy an area of approximately 3,400 ha across the Cities of Melville, Cockburn, and Kwinana, with the southern-most portion (438.81 ha) residing in the City of Kwinana. The Regional Park supports conservation significant flora and fauna species, vegetation communities that were once widespread on the Swan Coastal Plain, holds cultural and spiritually significant Aboriginal values, and aesthetic values (BRPCAC 2006). A management plan was prepared by the Beeliar Regional Park Community Advisory Committee (BRPCAC) in 2006 with the following long-term vision:

"Beeliar Regional Park will encompass two quality chains of wetlands and an adjoining coastal foreshore which will support a diversity of wetland and upland habitats and ecosystems. The Park will be managed as a single entity for conservation purposes as well as for a range of sustainable community uses that recognise Aboriginal and non-Aboriginal heritage in a harmonious way."

The management plan establishes the principal management directions and identifies key values, objectives, and performance indicators on how to best conserve the natural environment, and how to manage cultural heritage, recreation, sustainable resources and community involvement (BRPCAC 2006).

3.2.1.2 Jandakot Regional Park

Jandakot Regional Park consists of a collection of fragmented small to large reserves, together forming an area of 2,362 ha. It is located approximately 20 km south of Perth Central Business District within the Cities of Armadale, Canning, Cockburn, Gosnells, Kwinana, and the Shire of Serpentine-Jarrahdale **(Figure 6)**. Approximately 317.90 ha of the Jandakot Regional Park lies within the City. The Regional Park comprises a network of conservation significant ecosystems including wetlands and bushlands, also forming an important link between multiple other reserves throughout the south-east metropolitan Perth region. It contains rare (Threatened) and Priority flora in addition to significant fauna species including reptiles, amphibians, birds and mammals. Furthermore, the park is of heritage value, holding significance to Aboriginal people (DPaW 2010).

A management plan was prepared on behalf of the Conservation Commission of Western Australia, with the Department of Environment and Conservation, City of Armadale, City of Cockburn and Town of Kwinana in 2010, with the following long-term vision:

"Jandakot Regional Park will be a well-managed park supporting species and habitat diversity in a sustainable manner. The Park will provide for the conservation and preservation of ecological and cultural heritage values, research and education, as well as providing for the recreational needs of the community in a visually harmonious way."

The management plan identifies key values and guiding principles, and lists objectives, strategies and performance indicators to track conservation progress (DPaW 2010).

3.2.2 DBCA Managed Reserves

Land managed by DBCA covers more than 28 million hectares (10%) of land and waters in WA. These lands include national parks, conservation parks and reserves, marine parks and reserves, regional parks, nature reserves, State forest, timber reserves and other land areas reserved under sections 5(1)(g) and 5(1)(h) of the CALM Act for conservation purposes. The DBCA managed conservation estate is vested with the Conservation Commission of WA.

A total of 41 DBCA managed reserves occur within the City. This includes one area (Leda Nature Reserve R33581) classified as a Class A Nature Reserve for the conservation of flora and fauna, one reserve (Wandi Nature Reserve R35110) reserved for the conservation of flora, fauna and water, one unnamed reserve (R51658) reserved under Section 5(1)(h) under the CALM Act for conservation and recreation and 37 reserves classified as Crown Freehold managed by DBCA **(Table 7)**. Class A Reserves are afforded protection under the LA Act and have the greatest degree of protection used solely for the purpose of protecting areas of high conservation or community values. Section 5(1)(h) reserves are land administered under the LA Act which is vested in the Conservation and Parks Commission of WA, that is not a National Park, Conservation Park, Nature Reserve, Marine Park or Marine Nature Reserve. DBCA are the agency acknowledged by the Department of Lands as responsible for Crown Freehold Reserves.

Table 7 – DBCA Managed Reserves within the City

Reserve Identifier (according to LA Act)	Purpose	Name and Location	Category
R 33581	Conservation of Flora and Fauna (Class A)	Leda Nature Reserve	Nature Reserve
R 36110	Conservation of Flora, Fauna and Water	Wandi Nature Reserve	Nature Reserve
R 51658	Conservation and Recreation	Unnamed Reserve	Section 5(1)(h) Reserve
1091/251	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1271/837	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1274/564	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1315/700	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1315/701	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1315/702	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1319/482	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
150/150A	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
150/151A	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1561/840	Crown Freehold	Unnamed – south of De Haer Road	Crown Freehold - Dept Managed
1649/599	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1651/552	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1758/697	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1957/307	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1957/309	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
1997/19	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2025/572	Crown Freehold	Unnamed – south of De Haer Road	Crown Freehold - Dept Managed
2048/35	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2048/36	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2048/37	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2048/38	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2048/39	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2079/718	Crown Freehold	Unnamed – south of De Haer Road	Crown Freehold - Dept Managed
2129/490	Crown Freehold	Unnamed – south of De Haer Road	Crown Freehold - Dept Managed
2146/125	Crown Freehold	Unnamed – south of De Haer Road	Crown Freehold - Dept Managed
2781/395	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2781/538	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2781/539	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2781/540	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2781/541	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2781/543	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2781/544	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2781/545	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2781/546	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
2972/116	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
41/149A	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed
567/119A	Crown Freehold	Unnamed – adjacent to Spectacles Wetland	Crown Freehold - Dept Managed

Figure 6 – Regional Parks and DBCA Managed Lands

3.2.3 Bush Forever Sites

Under the Bush Forever Plan, 51,200 ha of regionally significant bushland areas are protected in 287 Bush Forever sites in Western Australia (Government of Western Australia 2000a). Bush Forever sites are also classified as Environmentally Sensitive Areas (ESAs).

The City of Kwinana supports 11 Bush Forever sites covering a total area of 953 ha. Seven Bush Forever sites occur entirely within the City and four are bisected by the City boundary as summarised in **Table 8.** Seven of the Bush Forever sites (or part of them) within the City are managed by the City of Kwinana.

Table 8 – Summary of Bush Forever Sites within the City

Bush Forever Site	Site Name	Location	Category
67	Parmelia Avenue Bushland, Parmelia	Within the City of Kwinana in its entirety	Crown reserve vested in Local Govern-ment (City of Kwinana), managed by the City
267	Mandogalup Road Bushland, Hope Valley	Within the City of Kwinana in its entirety	WAPC
268	Mandogalup Road Bushland, Mandogalup	Within the City of Kwinana in its entirety	Part managed by the City, part no man-agement authority (private ownership), part Crown reserve vested in Local Gov-ernment (City of Kwinana)
269	The Spectacles	Within the City of Kwinana in its entirety	Part WAPC, part DBCA, part no man-agement agency (private ownership)
270	Sandy Lake and Adjacent Bush-land, Anketell	Within the City of Kwinana in its entirety	Part WAPC, part DBCA, part no man-agement agency (private ownership)
272	Sicklemore Road Bushland, Par-melia/ Casuarina	Within the City of Kwinana in its entirety	Part managed by the City, part WAPC, part unallocated Crown land, part drain reserve, part Crown reserve vested in Local Government (City of Kwinana), part no management agency (private owner-ship)
273	Casuarina Prison Bushland	Within the City of Kwinana in its entirety	Crown reserve vested in Department of Justice
346	Brownman Swamp, Mt Brown Lake and Adjacent Bushland, Henderson/ Naval Base	Within the City of Kwinana and the City of Cockburn	Part managed by the City, part DBCA conservation park (Beeliar Regional Park), part Crown reserve vested in Local Gov-ernment, part unallocated crown land, part no management agency (private ownership)
347	Wandi Nature Reserve and An-ketell Road Bushland, Wandi/ Oakford	Within the City of Kwinana and the Shire of Serpentine - Jarrahdale	Part managed by the City, part DBCA nature reserve, part WAPC (Jandakot Regional Park)

Bush Forever Site	Site Name	Location	Category
349	Leda and Adjacent Bushland, Leda	Within the City of Kwinana and the City of Rockingham	Part managed by the City, part DBCA nature reserve, part vacant Crown Land, part WAPC, part Crown reserve vested in Local Government (City of Kwinana), part no management agency (private owner-ship)
393	Wattleup Lake and Adjacent Bush-land, Wattleup/Mandogalup	Within the City of Kwinana and the City of Cockburn	No management agency (private owner-ship)

Figure 7 – Bush Forever Sites in the City of Kwinana

3.2.4 City Reserves and Parks

The City currently manages 340.18 ha of bushland within its reserves, as summarised in **Table 9**.

Table 9 – Current City of Kwinana Managed Reserves

Number	Reserve Name	Reserve Number	Total Reserve Area (ha)	Total Bushland Area Managed by City (ha)
1	Armstrong Rd (Lat 32) x2		18.15	18.15
2	Belgravia Dampland	R49702	8.37	8.37
3	Bertram Sanctuary	R49067	7.08	7.08
4	Chalk Hill Reserve	R31256	0.87	0.87
5	Challenger Beach	R24901	7.53	3.30^
6	Chisham Oval Bushland	R36562	7.13	3.40^
7	Clementi Rd Reserve	R41746	35.32	35.32
8	Cordata Reserve		3.06	3.06
9	Darling Chase Reserve	R52765	11.41	11.41
10	Depot Swamp Reserve		6.77	6.30^
11	Gentle Rd/Golf Course Reserve	R25309	36.48	36.48
12	Henley Reserve	R43072 , R50531	33.50	25.00^
13	Homestead Ridge Reserves x3	R40218, R40451, R40453	11.92	10.78
14	Honeywood Central (REW 9)	R51952	1.56	1.56
15	Honeywood North (Lyon Rd Reserve)	R51580	11.10	11.10
16	Honeywood South (Lizard Park)	R51852 R51421	7.68	7.68
17	Lake Magenup	R36759	28.54	23.20^
18	Living Edge Reserve	R53383	1.48	1.20^
19	Wandi Reserve (‘Fred’s Re-serve’)	R52202	0.72	0.48
20	McLaughlan Rd	R39964	14.90	10.70^
21	Millar-Wellard Rd Reserve	R25684	21.96	21.96
22	Postans Reserve	R29626	11.17	6.00^
23	Rifle Range Reserve	R32621 R24784	26.07	26.07
24	Seagulls Reserve	R46281	4.96	4.96
25	Sloans Reserve	R25132	21.83	12.00^
26	Squires Ave	R48343	0.80	0.80
27	Sunrise Wetlands	R52361	14.68	10.60^
28	Sutherland Reserves	R46708	8.15	8.15
29	Thomas Oval	R24302	21.70	8.10^
30	Wells Park Reserve	R24575	8.91	0.90^
31	Wildflower Reserve	R38747	25.65	15.50^
		Total	**419.45**	**340.18**

^ Area provided by the City of Kwinana

Figure 8 – City of Kwinana Managed Reserves

3.3 THREATENED AND PRIORITY FLORA AND FAUNA SPECIES

Any natural area that supports Threatened and Priority flora and fauna species is considered to have conservation value and is considered a Locally Significant Natural Area. The Threatened flora and fauna species are listed for protection under the State BC Act, the Commonwealth EPBC Act or both, whilst Priority flora and fauna species are afforded some protection by DBCA.

The DBCA database (DCBA 2021a, 2021b), NatureMap (DBCA 2021c) and Department of Agriculture, Water and the Environment Protected Matters Search Tool (PMST) (DAWE 2021) identified 37 significant flora that are known to occur or have the potential to occur within the City **(Table 10, Figure 9).** This includes fifteen flora species pursuant to the Commonwealth EPBC Act and State Biodiversity Conservation Act 2016 (BC Act), four Priority 1, two Priority 2, seven Priority 3 and nine Priority 4 flora species.

Eighty significant fauna species were identified as having the potential to occur within the City, which includes 61 birds, five invertebrates, ten mammals and four reptile species **(Table 11, Figure 10** series). This comprises 60 fauna species pursuant to the Commonwealth EPBC Act, 59 species pursuant to the BC Act, six Priority 3, and 11 Priority 4 fauna species.

Table 10 - Threatened and Priority Flora Species List

Species	EPBC Conservation Status	WA Conservation Status	Description	Habitat Preference
Synaphea sp. Fairbridge Farm (D. Papenfus 696)	Critically Endan-gered	Critically Endan-gered	Dense, clumped shrub growing to 0.3-0.6 m high and 0.4-0.8 m wide. Produces yellow flowers on erect spikes 0.07-0.24 m long from September to October.	Grey clayey sand soil with lateritic pebbles. Near winter-wet flats, low woodlands with weedy grasses.
Synaphea sp. Serpentine (G.R. Brand 103)	Critically Endan-gered	Critically Endan-gered	Erect, compact shrub growing to 0.3 m high. Produces yellow flow-ers from September to October.	Grey, yellow or brown sandy clay-loam soils. Edge of wetlands, slopes and flats.
Caladenia huegelii	Endangered	Critically Endan-gered	Tuberous, perennial herb growing to 0.25-0.6 m high, with a single pale green, hairy leaf. Produces 1-2 (rarely 3) distinctive flowers with red and green-cream parts from September to October.	Grey, white or brown sand, clay loam soils. Margins of swamps, low depressions and flats. Mixed jarrah and Banksia woodlands.
Drakaea elastica	Endangered	Critically Endan-gered	Tuberous, perennial herb growing to 0.1-0.3 m high with a single bright green, glossy, prostrate heart-shaped leaf. Produces distinc-tive flower with red and green-yellow parts from October to No-vember.	Bare patches of white or grey sandy soils. Low-lying situations adjoining winter-wet swamps.
Eucalyptus × balanites	Endangered	Critically Endan-gered	Mallee with rough flaky grey bark growing to 5-8 m high and 15 m wide. Produces white flowers from October to December or from January to February.	White-grey sand, brown sandy loam soils with lateritic gravel. Slopes.
Grevillea curviloba	Endangered	Critically Endan-gered	Variable, prostrate shrub with broad dark green leaves or tall erect shrub growing to 2 m high with greyish green leaves. Produces creamy-white flowers on short stalks in leaf axils from September to October.	Sand and sandy loam soils. Winter-wet areas, heath.
Diuris purdiei	Endangered	Endangered	Tuberous, perennial orchid growing to 0.15-0.45 m high. Produces distinct flattened yellow flowers with brown blotches on their underside from September to October.	Grey-black sand, sandy clay moist soils. Winter-wet swamps
Lepidosperma rostratum	Endangered	Endangered	Rhizomatous, tufted perennial grass-like sedge growing to 0.5 m high. Produces brown flowers in narrow, spike-like inflorescence and fruits in June to August.	Peaty sand, sand, clayey soils. Winter wet swamps.
Synaphea sp. Pinjarra Plain (A.S. George 17182)	Endangered	Endangered	Erect, clumping shrub growing to 0.8 m high. Produces yellow flowers from September to November.	Sand, loam and clay soils sometimes with laterite. Winter wet depressions and flats.
Andersonia gracilis	Endangered	Vulnerable	Slender, erect or open straggly shrub growing to 0.1-0.5 m high. Produces pink to pale mauve flowers in ovoid oblong groups of 4-14 on terminal heads from September to November.	White-grey sand, sandy clay, gravelly loam soils. Winter wet areas, near swamps.
Drakaea micrantha	Vulnerable	Endangered	Tuberous, perennial herb growing to 0.15-0.3 m high with a single silvery-grey, prostrate heart-shaped leaf. Produces distinct flower with red and yellow parts from September to October.	Bare patches of white-grey sandy soils. Winter wet swamps, disturbed areas.
Diuris drummondii	Vulnerable	Vulnerable	Tuberous, perennial tall orchid growing to 0.5-1 m high. Produces 3-8 pale yellow flowers from November to January.	Brown sandy clay, moist peat soils. Low lying depressions, swamps
Diuris micrantha	Vulnerable	Vulnerable	Tuberous, perennial orchid growing to 0.3-0.6 m high with a basal tuft of narrow, linear leaves. Produces up to 7 yellow flowers with red-brown markings from August to October.	Brown/black sandy clay-loam and clayey soils. Winter-wet depressions and swamps, in shallow water.
Eleocharis keigheryi	Vulnerable	Vulnerable	Tufted, clumping grass like sedge growing to 0.2-0.4 m high and 0.4 m wide with smooth, erect stems and leaves reduced to straw-coloured sheaths. Produces pale green flowers in a narrow, cylindrical flower spike from August to November (December in favourable conditions).	Clay, sandy loam soils. Emergent in freshwater creeks, claypans and wetlands.

Species	EPBC Conservation Status	WA Conservation Status	Description	Habitat Preference
Tetraria australiensis	Vulnerable	Vulnerable	Tufted perennial grass-like sedge growing to 1 m high with cylindrical stems. Produces brown flowers following fire.	Grey sand over clay soil. Winter wet depressions, swamps, drainage lines and swamp margins.
Acacia lasiocarpa var. bracteolata long peduncle variant (G.J. Keighery 5026)		Priority 1	Spinescent shrub growing between 0.4-1.5 m high. Produces yellow flowers in globular heads from May or August.	Grey or black sand over clay soils. Swampy areas, winter wet lowlands.
Acacia sp. Binningup (G. Cockerton et al. WB 37784)		Priority 1	No information.	No information.
Boronia juncea subsp. juncea		Priority 1	Slender, erect or straggly shrub growing to 0.6-1 m high. Produces pink or purple flowers in April and December.	Dark grey peaty sandy soil. Winter wet depressions, swamps.
Lachnagrostis nesomytica subsp. paralia		Priority 1	Loosely tufted, annual or short-lived perennial grass growing to 0.3-0.5 m high. Produces purple-green flowers, flowering period unknown.	Grey-brown sandy soil. Coastal areas, dunes and swales on Garden Island.
Poranthera moorokatta		Priority 2	Small, annual herb growing to 0.05 m high. Produces white flowers from October to November.	Clay, sandy soils. Winter wet depressions, dunes and flats.
Tetraria sp. Chandala (G.J. Keighery 17055)		Priority 2	Erect sedge growing to 0.7-1.5 m high. Produces brown flowers most of the year.	Peaty sandy soil. Swamps, edges of wetlands and damplands.
Austrostipa mundula		Priority 3	Erect, fine perennial grass growing to 0.6 m high with mostly basal leaves. Produces brown flowers in a linear or elliptic panicle 5-12 cm long from September to November.	Grey sandy soil with limestone. Dune slopes, coastal cliffs, plains.
Cyathochaeta teretifolia		Priority 3	Rhizomatous, clumped, perennial sedge growing to 2 m high and 1.0 m wide. Produces brown-straw flowers from September to January.	Grey sand, sandy clay soil. Lowlands, swamps, creek edges and drainage lines.
Hibbertia lepthotheca		Priority 3	Low shrub 30 cm high and 40 cm wide. Produces yellow flowers from August to September.	Dunes, calcareous sand, Tamala limestone
Jacksonia gracillima		Priority 3	Prostrate, spreading or scrambling spindly shrub growing to 0.5-1 m high and 1 m wide. Produces flowers with yellow, red and orange parts from October and November.	Sand and loam soils. Wetlands, winter wet flats, slopes and flats.
Pimelea calcicola		Priority 3	Erect to spreading shrub growing to 0.2 to 1 m high. Produces white flowers with some pink from September to November.	Brown sandy loam, white-grey sandy soil associated with limestone. Coastal limestone ridges.
Pithocarpa corymbulosa		Priority 3	Erect to scrambling, perennial herb growing between 0.5-1 m high. Produces white flowers from January to April.	Sandy loam, loamy clay soils with lateritic gravel. Granite outcrops, ridges and slopes.
Stylidium paludicola		Priority 3	Reed-like perennial herb growing to 0.35-1 m high. Produces pink flowers from October to December.	Peaty sand over clay soils. Winter wet habitats. Marri and Melaleuca woodland, Melaleuca shrubland.
Aponogeton hexatepalus		Priority 4	Rhizomatous or cormous, aquatic perennial herb with floating leaves. Produces green-white flowers from May to November.	Clay. Freshwater ponds, rivers, claypans and wetlands.

Species	EPBC Conservation Status	WA Conservation Status	Description	Habitat Preference
Dodonaea hackettiana		Priority 4	Erect shrub or tree growing to 1-5 m high. Produces yellow flowers with green and red parts mainly between July to October.	Sandy soils, associated with limestone outcropping. Limestone ridges, slopes and dunes.
Jacksonia sericea		Priority 4	Low spreading shrub growing to 0.6 m high. Produces flowers with yellow and red and orange parts usually from December to February.	grey/white, yellow/brown sandy loam soils, often associated with limestone. Limestone ridges, slopes and flats.
Kennedia beckxiana		Priority 4	Prostrate or twining shrub or climber. Produces red flowers from September to December.	Sand, loam. Granite hills & outcrops.
Stylidium ireneae		Priority 4	Lax perennial herb growing up to 0.28 m high. Leaves oblanceolate, 0.4 to 2 cm long and 1 to 3 mm wide with an apex subacute to acuminate and entire margin. Leaves and scape are glandular with a racemose inflorescence. Produces pink flowers between October and December.	Sandy loam. Valleys near creek lines, woodland, often with Agonis.
Stylidium longitubum		Priority 4	Erect annual (ephemeral) herb growing to 0.05-0.12 m high. Produces pink flowers with white markings from October to December.	Sandy clay, clay soils. Seasonal wetlands.
Stylidium striatum		Priority 4	Erect perennial herb growing to 0.5 m high with basal rosette of leaves. Produces yellow/pale yellow flowers with red/maroon throat markings from September to November.	Yellow/brown sand, sandy clayey loam soils sometimes with gravel. Slopes and flats, laterite.
Tripterococcus sp. Brachylobus (A.S. George 14234)		Priority 4	Slender, erect, multi-stemmed perennial herb growing to 0.6 m high. Produces orange-yellow flowers from October to February.	Grey-white sand, peaty sand over clay soils. Winter wet flats, shallow depressions, dry flats and slopes.
Verticordia lindleyi subsp. lindleyi		Priority 4	Erect shrub growing to 0.2 to 0.75 m high. Produces pink flowers with white fringes from November to January (also known from May).	Sand, sandy clay soils. Winter-wet depressions.

Figure 9 – Known Locations of Threatened and Priority Flora

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Table 11 - Threatened and Priority Fauna Species List

Lifeform	Common Name	Species	EPBC Act Conservation Status	WA Conservation Status
MAMMAL	Western Ringtail Possum	Pseudocheirus occidentalis	Critically Endangered	Critically Endangered
INVERTEBRATE	A Short-tongued Bee	Leioproctus douglasiellus	Critically Endangered	Endangered
INVERTEBRATE	A Native bee	Neopasiphae simplicior	Critically Endangered	Endangered
BIRD	Curlew Sandpiper	Calidris ferruginea	Critically Endangered	Critically Endangered
BIRD	Great Knot	Calidris tenuirostris	Migratory Species	Critically Endangered
BIRD	Eastern Curlew	Numenius madagascariensis	Critically Endangered	Critically Endangered
BIRD	Northern Siberian Bar-tailed Godwit	Limosa lapponica menzbieri	Migratory Species	Critically Endangered Migratory Species
MAMMAL	Woylie	Bettongia penicillata ogilbyi	Critically Endangered	Critically Endangered
BIRD	Australasian Bittern	Botaurus poiciloptilus	Migratory Species	Endangered
BIRD	Baudin's Cockatoo	Calyptorhynchus baudinii	Critically Endangered	Endangered
BIRD	Carnaby's Cockatoo	Calyptorhynchus latirostris	Migratory Species	Endangered
BIRD	Australian Painted Snipe	Rostratula australis	Endangered	Endangered
BIRD	Tristan Albatross	Diomedea dabbenena	Endangered	Critically Endangered
BIRD	Red Knot	Calidris canutus	Endangered	Endangered
BIRD	Lesser Sand Plover	Charadrius mongolus	Endangered	Endangered
BIRD	Northern Royal Albatross	Diomedea sanfordi	Endangered Migratory Species	Endangered
BIRD	Southern Giant-Petrel	Macronectes giganteus	Endangered Migratory Species	Migratory Species

Lifeform	Common Name	Species	EPBC Act Conservation Status	WA Conservation Status
BIRD	Australian Lesser Noddy	Anous tenuirostris melanops	Vulnerable	Endangered
BIRD	Forest Red-tailed Black Cockatoo	Calyptorhynchus banksii subsp. naso	Vulnerable	Vulnerable
MAMMAL	Chuditch	Dasyurus geoffroii	Vulnerable	Vulnerable
BIRD	Malleefowl	Leipoa ocellata	Vulnerable	Vulnerable
MAMMAL	Australian Sea-lion	Neophoca cinerea	Vulnerable	Vulnerable
MAMMAL	Quokka	Setonix brachyurus	Vulnerable	Vulnerable
BIRD	Australian Fairy Tern	Sternula nereis nereis	Vulnerable	Vulnerable
INVERTEBRATE	Carter's Freshwater Mussel	Westralunio carteri	Vulnerable	Vulnerable
BIRD	Blue Petrel	Halobaena caerulea	Vulnerable	
BIRD	Fairy Prion (Southern)	Pachyptila turtur subantarctica	Vulnerable	
BIRD	Soft-plumaged Petrel	Pterodroma mollis	Vulnerable	
BIRD	White-capped Albatross	Thalassarche steadi	Vulnerable	
BIRD	Indian Yellow-nosed Albatross	Thalassarche carteri	Vulnerable Migratory Species	Endangered
BIRD	Black-browed Albatross	Thalassarche melanophris	Vulnerable Migratory Species	Endangered
BIRD	Greater Sand Plover	Charadrius leschenaultii	Vulnerable Migratory Species	Vulnerable
BIRD	Southern Royal Albatross	Diomedea epomophora	Vulnerable Migratory Species	Vulnerable
BIRD	Wandering Albatross	Diomedea exulans	Vulnerable Migratory Species	Vulnerable
BIRD	Shy Albatross	Thalassarche cauta	Vulnerable Migratory Species	Vulnerable
BIRD	Campbell Albatross	Thalassarche impavida	Vulnerable Migratory Species	Vulnerable
BIRD	Common Sandpiper	Actitis hypoleucos	Migratory Species	Migratory Species
BIRD	Fork-tailed Swift	Apus pacificus	Migratory Species	Migratory Species
BIRD	Ruddy Turnstone	Arenaria interpres	Migratory Species	Migratory Species
BIRD	Sharp-tailed Sandpiper	Calidris acuminata	Migratory Species	Migratory Species
BIRD	Pectoral Sandpiper	Calidris melanotos	Migratory Species	Migratory Species
BIRD	Red-necked Stint	Calidris ruficollis	Migratory Species	Migratory Species
BIRD	Long-toed Stint	Calidris subminuta	Migratory Species	Migratory Species
BIRD	White-winged Black Tern, White-winged Tern	Chlidonias leucopterus	Migratory Species	Migratory Species
BIRD	Gull-billed Tern	Gelochelidon nilotica	Migratory Species	Migratory Species
BIRD	Caspian Tern	Hydroprogne caspia	Migratory Species	Migratory Species
BIRD	Black-tailed Godwit	Limosa limosa	Migratory Species	Migratory Species
BIRD	Bridled Tern	Onychoprion anaethetus	Migratory Species	Migratory Species
BIRD	Osprey, Eastern Osprey	Pandion cristatus	Migratory Species	Migratory Species
BIRD	Glossy Ibis	Plegadis falcinellus	Migratory Species	Migratory Species
BIRD	Grey Plover	Pluvialis squatarola	Migratory Species	Migratory Species
BIRD	Long-tailed Jaeger, Long-tailed Skua	Stercorarius longicaudus	Migratory Species	Migratory Species
BIRD	Roseate Tern	Sterna dougallii	Migratory Species	Migratory Species
BIRD	Crested Tern	Thalasseus bergii	Migratory Species	Migratory Species
BIRD	Wood Sandpiper	Tringa glareola	Migratory Species	Migratory Species
BIRD	Common Greenshank	Tringa nebularia	Migratory Species	Migratory Species
BIRD	Marsh Sandpiper, Little Greenshank	Tringa stagnatilis	Migratory Species	Migratory Species
BIRD	Terek Sandpiper	Xenus cinereus	Migratory Species	Migratory Species
BIRD	Grey-headed albatross	Thalassarche chrysostoma	Migratory Species	Vulnerable
BIRD	Amsterdam Albatross	Diomedea amsterdamensis		Critically Endangered
BIRD	Peregrine falcon	Falco peregrinus		Other specially protected species
MAMMAL	South-western Brush-tailed Phascogale	Phascogale tapoatafa wambenger		Species of special conservation interest

Lifeform	Common Name	Species	EPBC Act Conservation Status	WA Conservation Status
INVERTEBRATE	Swan Coastal Plain Shield-backed Trapdoor Spider	Idiosoma sigillatum		Priority 3
BIRD	A Short-tongued Bee	Leioproctus contrarius		Priority 3
REPTILE	Perth Slider	Lerista lineata		Priority 3
REPTILE	Black-striped Snake	Neelaps calonotos		Priority 3
REPTILE	Keeled Legless Lizard (Shark Bay)	Pletholax gracilis subsp. Edelensis		Priority 3
BIRD	Masked Owl (Southwest)	Tyto novaehollandiae novaehollandiae		Priority 3
BIRD	Western False Pipistrelle	Falsistrellus mackenziei		Priority 4
MAMMAL	Rakali	Hydromys chrysogaster		Priority 4
MAMMAL	Quenda	Isoodon fusciventer		Priority 4
BIRD	Australian Little Bittern	Ixobrychus dubius		Priority 4
MAMMAL	Tammar Wallaby	Notamacropus eugenii derbianus		Priority 4
MAMMAL	Western Brush Wallaby	Notamacropus irma		Priority 4
REPTILE	Lined Soil-crevice Skink (Dampier)	Notoscincus butleri		Priority 4
BIRD	Blue-billed Duck	Oxyura australis		Priority 4
BIRD	Red-tailed Tropicbird	Phaethon rubricauda		Priority 4
INVERTEBRATE	Graceful Sunmoth	Synemon gratiosa		Priority 4
BIRD	Hooded Plover	Thinornis rubricollis		Priority 4

Figure 10 – Documented Locations of Threatened and Priority Fauna

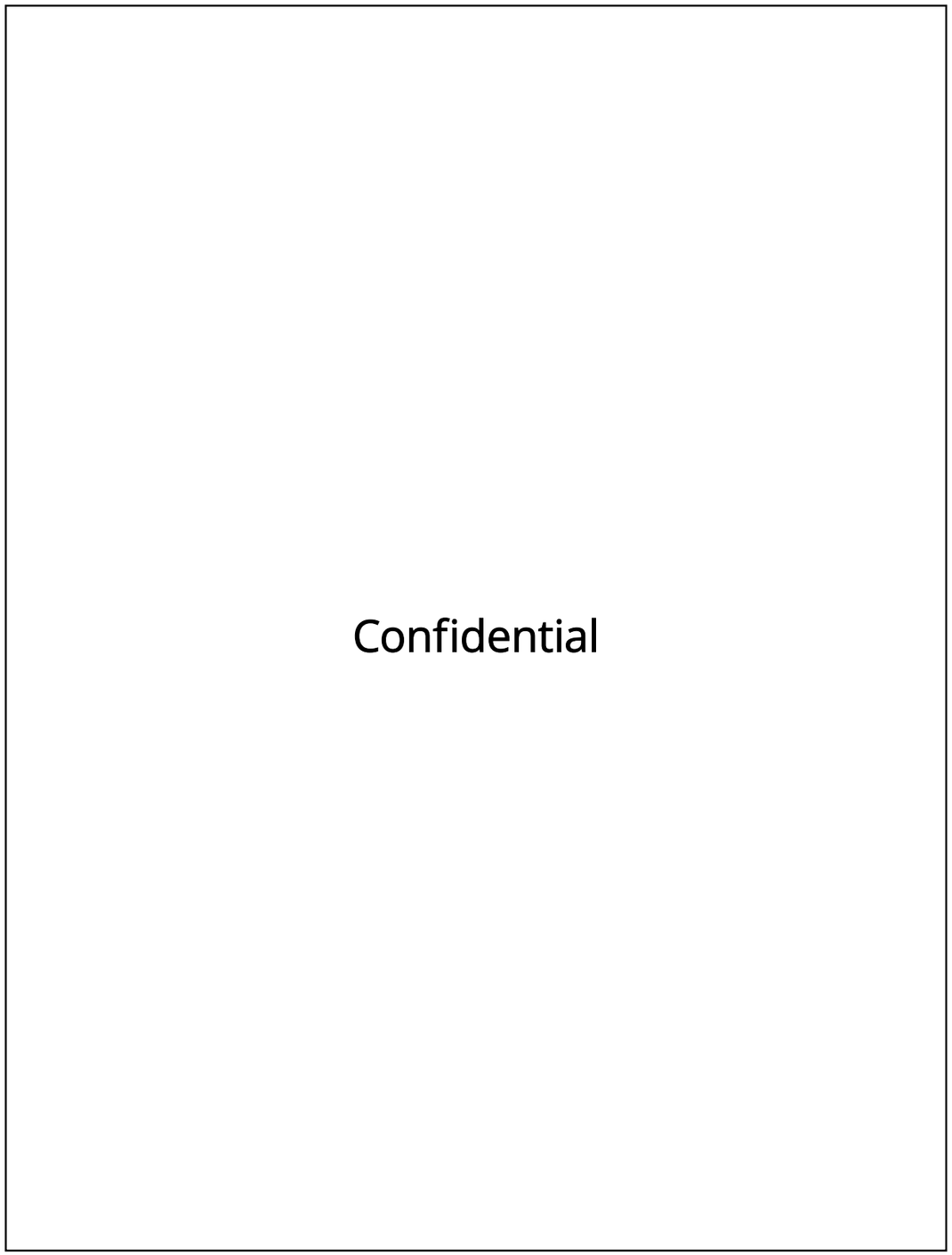


Figure 10b

Confidential

Figure 10c

Confidential

Figure 10d

Confidential

3.4 THREATENED AND PRIORITY ECOLOGICAL COMMUNITIES

Any natural area that is considered to be a Threatened or Priority Ecological Community (TEC or PEC) is considered to have conservation value as a Locally Significant Natural Area. TECs are listed for protection under either the BC Act, the Commonwealth EPBC Act or both. PECs are afforded some protection by DBCA.

A review of DBCA TEC and PEC database (DBCA 2021d) and the EPBC PMST (DAWE 2021) identified four Commonwealth listed TECs and/or its buffer and two State listed TECs as occurring in the City **(Table 12)**. The TECs and PECs known to occur in the City and surrounding region (in accordance with the current DBCA database) are presented spatially in **Figure 11.**

Table 12 - Threatened and Priority Ecological Communities Occurring within the City

Abbreviated Identifier	Community Name	Commonwealth Category	State Category	Presence within the City
Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Critically Endangered	Priority 3	Yes
Mound Springs SCP	Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain)	Endangered	Critically Endangered	Yes
SCP19b	Woodlands over sedgelands in Holocene dune swales of the southern Swan Coastal Plain	Endangered	Critically Endangered	Buffer within the City
Banksia WL SCP	Banksia dominated woodlands of the Swan Coastal Plain IBRA Region	Endangered	Priority 3	Yes
SCP21c	Low lying Banksia attenuata woodlands or shrublands (as a component of Banksia WL SCP)	Endangered (part)	Priority 3	Yes
SCP22	Banksia ilicifolia woodlands (as a component of Banksia WL SCP)	Endangered (part)	Priority 3	Yes
SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges	-	Endangered	Yes
SCP24	Northern Spearwood shrublands and woodlands	-	Priority 3	Yes
SCP25	Southern Eucalyptus gomphocephala - Agonis flexuosa woodlands	-	Priority 3	Yes

3.4.1 Tuart Woodlands and Forests TEC

The Tuart (Eucalyptus gomphocephala) Woodlands and Forests of the Swan Coastal Plain Ecological Community (Tuart Woodlands and Forests TEC) was approved for inclusion as an Endangered TEC under the EPBC Act on 4 July 2019. This ecological community occurs as woodland, forest or other structural forms associated with soils of the Swan Coastal Plain with a prominent tree layer of Eucalyptus gomphocephala as the defining feature (DEE 2019b).

The Tuart Woodlands and Forests TEC occurs within the Swan Coastal Plain IBRA region within the Perth subregion, from Jurien, 200 km north of Perth, to Sabina River near Busselton, 225 km south of Perth (DEE 2019c). The distribution of the ecological community is limited by the distribution of Tuart, although Tuart trees do also occur as a component of other vegetation communities, including the nationally listed Banksia woodlands TEC (DEE 2016).

Twelve Floristic Community Types (FCTs) from three supergroups described by Gibson et al. (1994) contain Tuart trees as a component of the TEC and these are summarised in **Table 13**.

Table 13 - Floristic Community Types Corresponding to the Tuart Woodlands and Forests TEC (Gibson et al. 1994)

FCT	FCT Name	WA TEC/ PEC	EPBC TEC
Supergroup 2 – Seasonal Wetlands			
16	Highly saline seasonal wetlands		
17	Melaleuca rhaphiophylla - Gahnia trifida seasonal wetlands		
19b	Woodlands over sedgelands in Holocene dune swales		
Supergroup 3– Uplands centered on Bassendean Dunes			
21a	Central Banksia attenuata - Eucalyptus marginata woodlands		
Supergroup 4 - Uplands centered on Spearwood and Quindalup Dunes			
24	Northern Spearwood shrublands and woodlands	P3	
25	Southern Eucalyptus gomphocephala – Agonis flexuosa woodlands	P3	
26b	Woodlands and mallees on Limestone		
28	Spearwood Banksia attenuata or Banksia attenuata - Eucalyptus woodlands		
29a	Coastal shrublands on shallow sands	P3	
30b	Quindalup Eucalyptus gomphocephala and/or Agonis flexuosa woodlands	P3	
30c2	Woodlands and shrublands on Holocene dunes (re-allocated from 30c and 30a as per Gibson et al. 1994)		
S11	Northern Acacia rostellifera - Melaleuca systena shrublands		

3.4.2 Mound Springs SCP (TEC)

The Mound Springs SCP TEC is characterised by a continuous discharge of groundwater in raised areas of peat. Flora species recorded in this community include Banksia littoralis, Melaleuca preissiana and Eucalyptus rudis with Agonis linearifolia, Pteridium esculetum, Astartea fascicularis and Cyclosorus interruptus. Several non-vascular plants are also associated with this community (CALM 2006).

3.4.3 SCP 19b – Woodlands over sedgelands in Holocene dune swales of the southern Swan Coastal Plain

The Woodlands over sedgelands in Holocene dune swales (SCP 19b) ecological community occurs in linear damplands and occasionally sumplands between Holocene dunes (DEC 2011). This community typically occurs within close proximity of the coast and is characterised by species such as Acacia rostellifera, Acacia saligna, Xanthorrhoea preissii, Baumea juncea, Ficinia nodosa and Lepidopserma gladiatum (DEC 2011).

3.4.4 Banksia Woodlands TEC

The Banksia Woodlands of the Swan Coastal Plain Ecological Community (Banksia woodlands TEC) was approved for inclusion as an Endangered TEC under the EPBC Act on 16 September 2016. This ecological community is woodland associated with some soils of the Swan Coastal Plain with a prominent tree layer of Banksia with scattered Eucalypts and other tree species among or emerging above the canopy. The understorey is comprised of a species rich mix of sclerophyllous shrubs, graminoids and forbs (TSSC 2016).

The Banksia woodlands TEC is largely restricted to the Swan Coastal Plain IBRA bioregion, within the Perth (SWA02) and Dandaragan (SWA01) sub-regions. It extends into the adjacent Jarrah Forrest IBRA region (JA01 and JA02 sub-regions) and areas of the Whicher and Darling escarpments where pockets of Banksia woodland may occur. This TEC mainly occurs on deep Bassendean and Spearwood sands or occasionally on Quindalup sands at the eastern edge (Threatened Species Scientific Committee (TSSC) 2016).

Twenty-one FCTs from three supergroups described by Gibson et al. (1994) in Bush Forever (Government of Western Australia 2000), Keighery et al. (2012), and Urban Bushland Council (2011) best correspond to the Banksia woodlands TEC (TSSC 2016) which are summarised in **Table 14.**

Table 14 –Floristic Community Types Corresponding to the Banksia Woodlands TEC

FCT	FCT Name	WA TEC/PEC	EPBC TEC
Supergroup 3 – Uplands centered on Bassendean Dunes and Dandaragan Plateau			
20a	Banksia attenuata woodlands over species rich dense shrublands	Endangered	
20b	Eastern Banksia attenuata and/or Eucalyptus marginata woodlands	Endangered	
20c	Eastern shrublands and woodlands	Critically Endangered	Endangered
21a	Central Banksia attenuata - Eucalyptus marginata woodlands		
21b	Southern Banksia attenuata woodlands	P3	
21c	Low lying Banksia attenuata woodlands or shrublands	P3	
22	Banksia ilicifolia woodlands	P3	
23a	Central Banksia attenuata - Banksia menziesii woodlands		
23b	Northern Banksia attenuata - Banksia menziesii woodlands	P3	
23c	North-eastern Banksia attenuata - Banksia menziesii woodlands		
S09	Banksia attenuata woodlands over dense low shrublands		
Supergroup 4 – Uplands centered on Spearwood and Quindalup Dunes			
24	Northern Spearwood shrublands and woodlands	P3	
25	Southern Eucalyptus gomphocephala – Agonis flexuosa woodlands	P3	
28	Spearwood Banksia attenuata or Banksia attenuata – Eucalyptus woodlands		
Whicher Scarp FCTs (Keighery et al. 2012)			
A1	Central Whicher Scarp Mountain Marri Woodland WHSFCT_A1	P1	
A2	North Whicher Scarp Jarrah and Woody Pear woodland WHSFCT_A2		
A3	North Whicher Scarp Banksia and Woody Pear woodland WHSFCT_A3		
A4	Whicher Scarp Banksia grandis, Jarrah and Marri woodland WHSFCT_A4		
B1	Swan Coastal Plain / North Whicher Scarp Banksia attenuata woodland WHSFCT_B1		
B2	West Whicher Scarp Banksia attenuata woodland WHSFCT_B2		
C2	Whicher Scarp Jarrah woodland on deep coloured sands WHSFCT_C2		

3.4.5 SCP 21c - Banksia attenuata and/or Eucalyptus marginata woodlands of the eastern side of the Swan Coastal Plain (part of Banksia woodlands TEC)

This community occurs on the Bassendean soil system between low dunes and interwoven wetlands extending from Gingin to Bunbury. It is significantly less species rich than the other sub-groups with an average of 40 species per site. The community may be dominated by Melaleuca preissiana, Banksia attenuata, Banksia menziesii, Regelia ciliata, Eucalyptus marginata or Corymbia calophylla (DEE 2016).

3.4.6 SCP 22 - Shrublands and woodlands of the eastern side of the Swan Coastal Plain (part of Banksia woodlands TEC)

This community occupies low lying sites and supports Banksia ilicifolia and Banksia attenuata woodlands with Melaleuca preissiana also recorded. The community typically has an open understorey and may be seasonally waterlogged (DEE 2016).

3.4.7 SCP 26a – Melaleuca huegelii - Melaleuca systena Shrublands

The Melaleuca huegelii – Melaleuca systena shrublands of limestone ridges (SCP 26a) is defined as comprising of species rich thickets, heaths or scrubs dominated by Melaleuca huegelii, M. systena (previously M. acerosa), Dryandra sessilis over Grevillea preissii, Acacia lasiocarpa and Spyridium globulosum, occurring on skeletal soil on ridge slopes and ridge tops (Gibson et al. 1994).

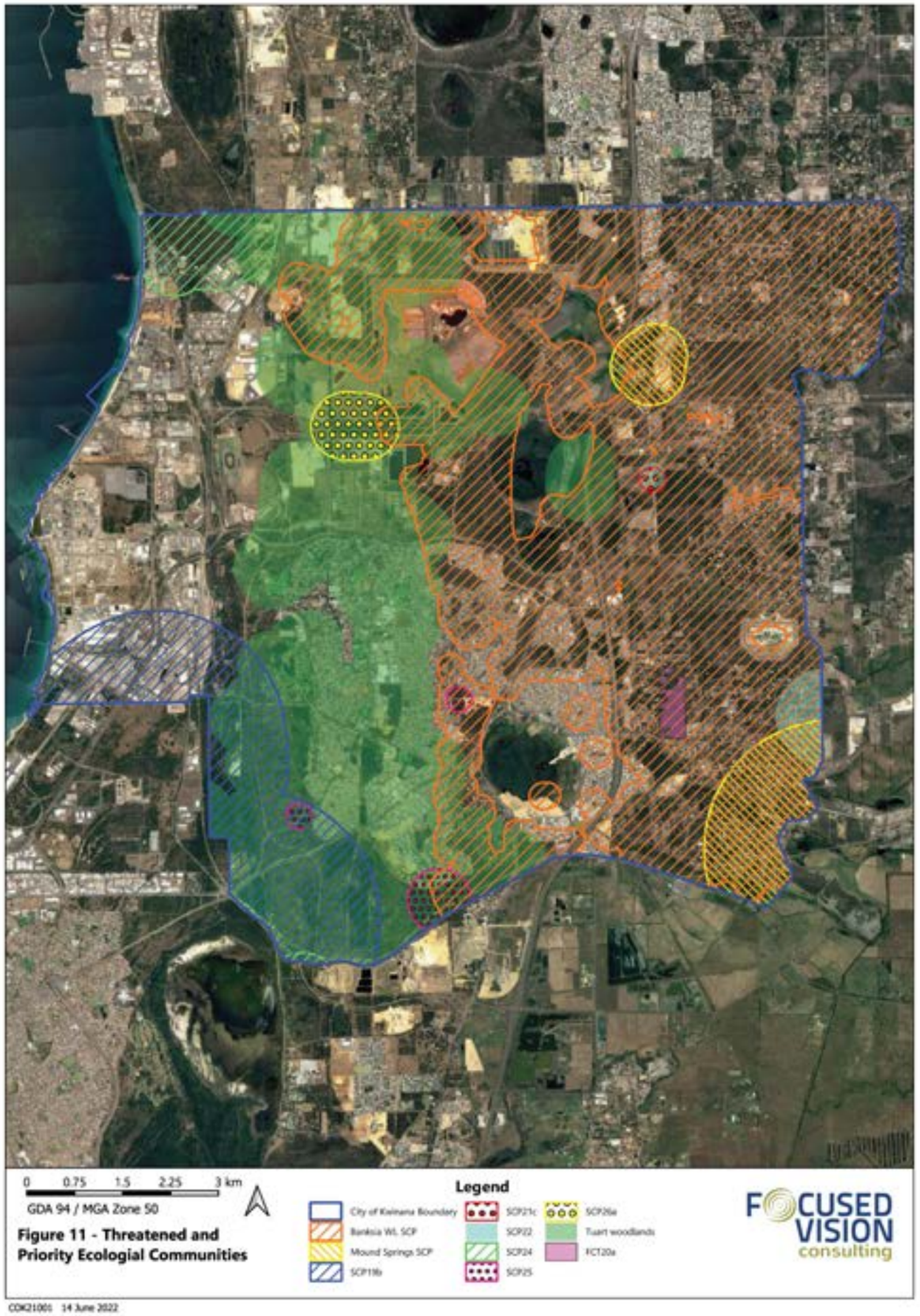
3.4.8 SCP 24 – Northern Spearwood Shrublands and Woodlands

The Northern Spearwood shrublands and woodlands (SCP 24) is defined as heaths with scattered Eucalyptus gomphocephala occurring on deeper soils north from Woodman Point. Most sites occur on the Cottesloe unit of the Spearwood system. The heathlands in this group typically include Dryandra (Banksia) sessilis, Calothamnus quadrifidus and Schoenus grandiflorus (TSSC 2016). Other species typical for this community are Lepidosperma angustatum, Desmocladus flexuosus, Melaleuca systena, Xanthorrhoea preissii, Phyllanthus calycinus, Dianella revoluta, Conostylis aculeata and Lomandra maritima (Gibson et al. 1994).

3.4.9 SCP 25 - Southern Eucalyptus gomphocephala - Agonis flexuosa Woodlands

The Southern Eucalyptus gomphocephala - Agonis flexuosa Woodlands is a community type centred on the Spearwood and Quindalup system. SCP 25 occurs south of Woodman Point on the Cottesloe unit of the Spearwood system and is significantly richer in species than the northern group of Eucalyptus gomphocephala communities. Typical shrub species to occur are Hibbertia hypericoides, Macrozamia riedlei and Phyllanthus calycinus (Gibson et al. 1994).

Figure 11 – Threatened and Priority Ecological Communities



3.5 WATERWAYS AND WETLANDS

The Geomorphic Wetlands of the Swan Coastal Plain dataset displays the location, boundary, geomorphic classification (wetland type) and management category of wetlands within the City of Kwinana. Wetland management categories are based on their ecological, hydrological and geomorphological significance, and the degree of disturbance that has occurred. The three Wetland Management Categories on the Swan Coastal Plain can be summarised as follows:

- Conservation Category (CC) – wetlands that support a high level of ecological attributes and functions (generally having intact vegetation and natural hydrological processes), or that have a reasonable level of functionality and are representative of wetland types that are rare or poorly protected.
- Resource Enhancement (RE) – wetlands that have been modified (degraded) but still support substantial ecological attributes (wetland dependant vegetation covering more than 10%) and functions (hydrological properties that support wetland dependent vegetation and associated fauna) and have some potential to be restored to CC quality. Typically, such wetlands still support some elements of the original native vegetation, and hydrological function.
- Multiple Use (MU) – wetlands that are assessed as possessing few remaining ecological attributes and functions. While such wetlands can still play an important role in regional or landscape ecosystem management, including water management, they are considered to have low intrinsic ecological value. Typically, they have very little or no native vegetation remaining (less than 10%).

Conservation Category and Resource Enhancement wetlands are of ecological value and afforded protection through the planning process.

A total of 167 Geomorphic Wetlands of the Swan Coastal Plain are located within the City, including 50 Conservation Category wetlands **(Appendix A)**, 61 Resource Enhancement, 49 Multiple Use and seven 'Not Applicable' wetlands. The Conservation Category and Resource Enhancement wetlands of the Swan Coastal Plain occurring within the City are spatially presented in **Figure 12.**

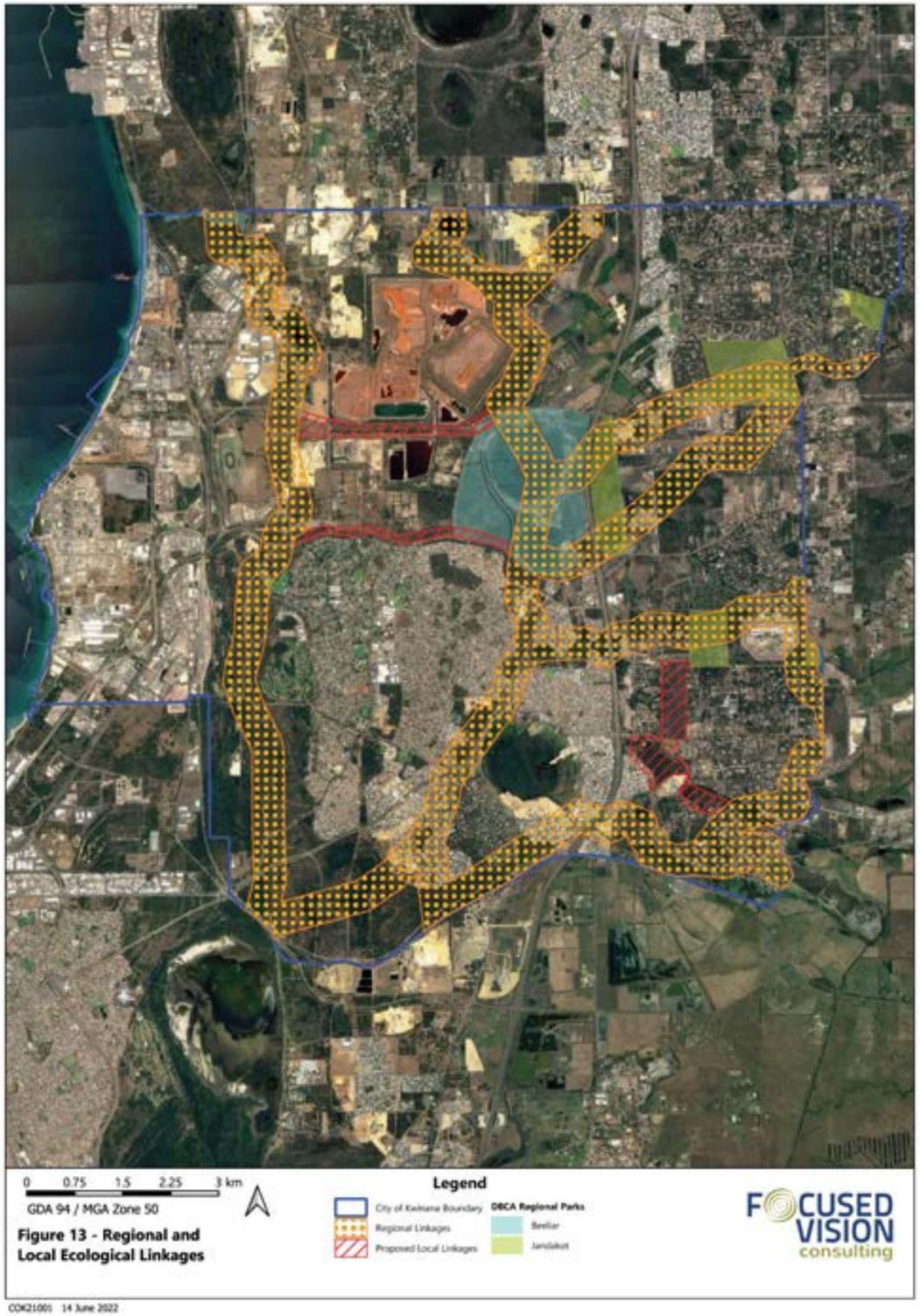
Figure 12 – Geomorphic Wetlands of the Swan Coastal Plain

3.6 REGIONAL AND LOCAL ECOLOGICAL LINKAGES

Land clearing is a fundamental pressure on the environment and causes the loss, fragmentation and degradation of native vegetation (Jackson et. al. 2016). The viability of any natural area depends on its size, proximity to other LNAs, and the quality of linkages or barriers in the landscape between them (Del Marco et al 2004, Davis and Brooker 2008, Molloy et al 2009). Ecological linkages facilitate the movement of wildlife and connect significant vegetation, habitat and landscape features (City of Wanneroo 2018).

Local and regional linkages identified within the City generally run north to south or, to a lesser extent, east to west. Proposed local ecological linkages as presented in the City's draft Local Planning Strategy (2021a) connect Perth Biodiversity Project (PBP) regional linkages **(Figure 13)**.

Figure 13 – Regional and Local Ecological Linkages



3.7 THREATS TO BIODIVERSITY

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3.7.1 Invasive Species

Invasive species pose a threat to local biodiversity as they displace native species and limit recruitment of endemic flora by outcompeting them for resources such as food, water, light and shelter, and often don't have natural predators to keep them under control. Weeds are also a fire hazard, increasing fuel load and the likelihood of initiating a bushland fire. Feral/introduced animals are another example of invasive species, where they displace and outcompete local fauna for resources, reducing native population numbers through limiting reproduction opportunities and predation (City of Swan 2015).

3.7.2 Fragmentation from Clearing

Agricultural practices have led to a decline in natural areas over time, resulting in a fragmented landscape. Genetic dispersal in the form of seeds and pollen for flora becomes restricted while smaller fragmented habitats are more susceptible to degradation. Movement across the landscape for local fauna is also made more difficult. Further clearing and increased habitat fragmentation poses an ongoing threat to native species (City of Swan 2015).

3.7.3 Land Use and Development

Poor land use planning and development practices with lack of consideration for biodiversity values pose a threat to local species (City of Swan 2015). Subdivision and development of the landscape can result in reduced functional natural areas and ecological linkages, decreased remnant vegetation communities, and altered wetlands and watercourses (Shire of Kalamunda 2008).

3.7.4 Altered Hydrology and Erosion

Clearing and development can alter natural wetlands and watercourses. Changes in water availability influence species assemblages and habitat suitability. Increased nutrient run-off and pollutants from developments can cause eutrophication (algal blooms), increase in weeds, and death of aquatic life in wetlands. Greater stormwater discharge into creek lines causes erosion in natural areas, causing sedimentation and further contribution to eutrophication downstream (Shire of Kalamunda 2008).

3.7.5 Pathogens

Pathogens such as Phytophthora Dieback and Marri Canker (Quambalaria coyrecup) pose a threat to biodiversity by causing death to endemic flora and altering vegetation structure. Ongoing spread of pathogens occurs through soil or plant material movement from infested to non-infested areas (City of Swan 2015).

3.7.6 Degradation of Natural Areas

Natural areas can be impacted by off-road driving activities and rubbish dumping. Offroad driving often results in damage to vegetation and ongoing erosion, as well as the introduction of weeds and potentially contaminants from hydrocarbon spills. Illegal dumping can include various waste, stolen or abandoned vehicles and garden waste. Dumped garden waste can pose a threat to biodiversity through the introduction of weeds which will compete with native species for nutrients, water and space. Other rubbish dumped illegally could potentially also contain other environmental contaminants harmful to biodiversity, such as hydrocarbons.

3.7.7 Global and Regional Threats

Climate change predictions pose an ongoing threat to local biodiversity. Rises in sea level will affect coastal biodiversity while a warmer and drier climate can result in an increase in droughts, storms and bushfires leading to loss of habitat and species extinctions over time (City of Canning 2018).

4 BIODIVERSITY PLANNING PRECINCTS

LNAs within the City were divided into five planning precincts that are primarily based on zoning within the MRS to determine the proportion of remnant vegetation and rate of decline within each precinct. The Biodiversity Planning precincts are categorised as follows:

- Precinct1 – Urban precinct
  Includes all areas that have been zoned as Urban or Urban deferred
- Precinct 2 – Rural precinct
  Includes all areas that have been zoned as Rural or Rural – Water Protection
- Precinct 3 – Industrial precinct
  Includes all areas that have been zoned as Industrial, Special industrial and Port installations
- Precinct 4 – Public purposes precinct
  Includes all areas that have been zoned as high school, prison, special uses, Water Authority of WA, primary regional roads, other regional roads and railways
- Precinct 5 – Parks and recreation precinct
  Includes all areas zoned as parks and recreation.

A summary of remnant vegetation occurring within each of these precincts **(Table 15, Figure 14** series) indicates that remnant vegetation has declined in all precincts over a five-year period, since 2015, except for Category 5 – Parks and recreation. The largest decline in vegetation occurred within the Urban precinct, exhibiting a decline of 36.46% over five years. These results highlight the need to place greater emphasis on the urban precinct when prioritising LNAs for protection.

Table 15 – Remnant Vegetation within the City of Kwinana

Precinct	Remnant Vegetation in 2015 (ha)	Current (2020)* Remnant Vegetation (ha)	% Change in Vegetation Extent 2015 2020
Category 1 – Urban	756.17	480.47	-36.46
Category 2 – Rural	1,303.30	1216.28	-6.68
Category 3 – Industrial	242.24	199.20	-17.77
Category 4 – Public purposes	450.83	432.85	-3.99
Category 5 – Parks and recreation	1,842.14	1,854.73	+0.68
TOTAL	**4,594.68**	**4,183.54**	

*Latest available data from DPIRD 2020

Figure 14 – Biodiversity Planning Precincts

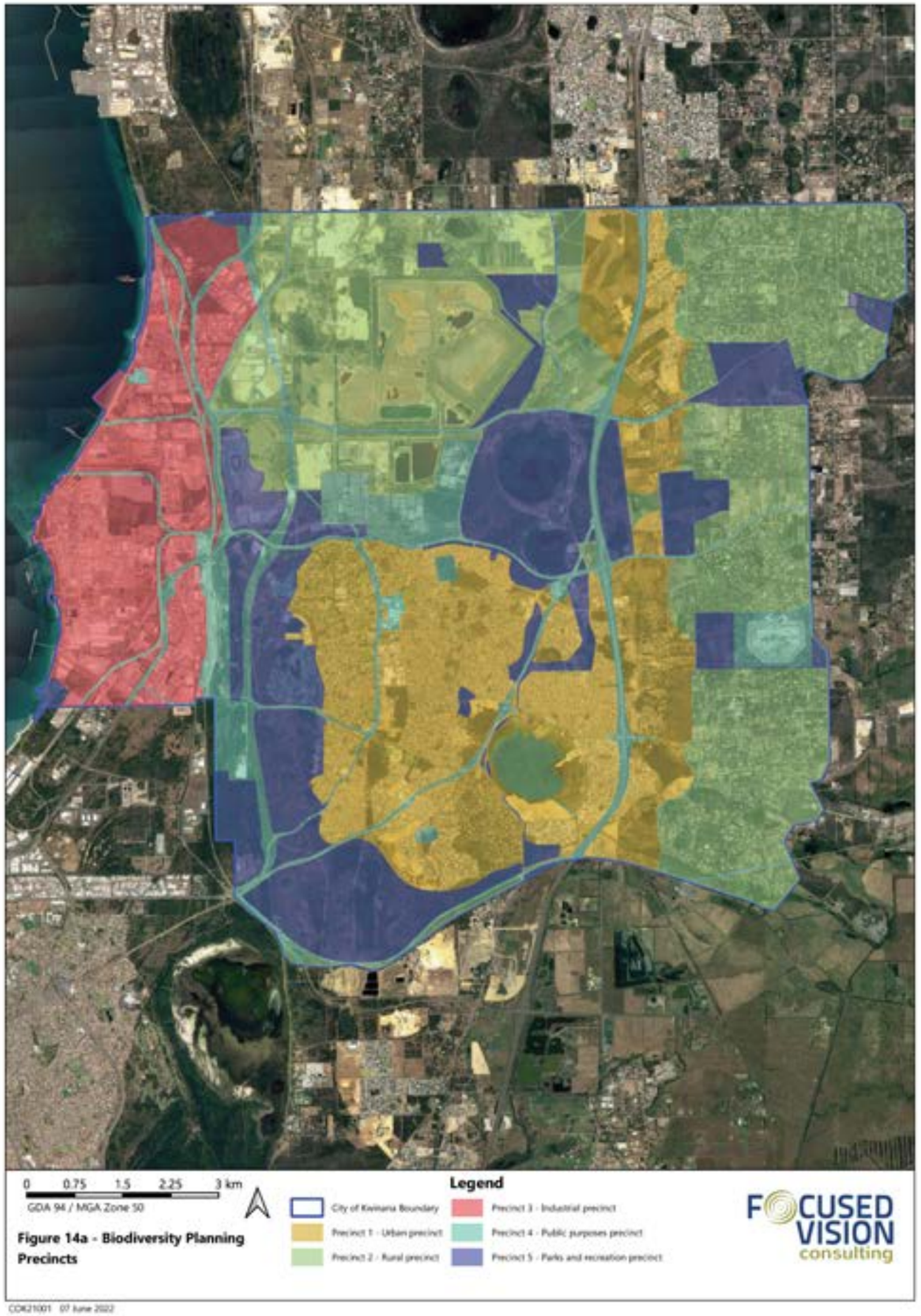
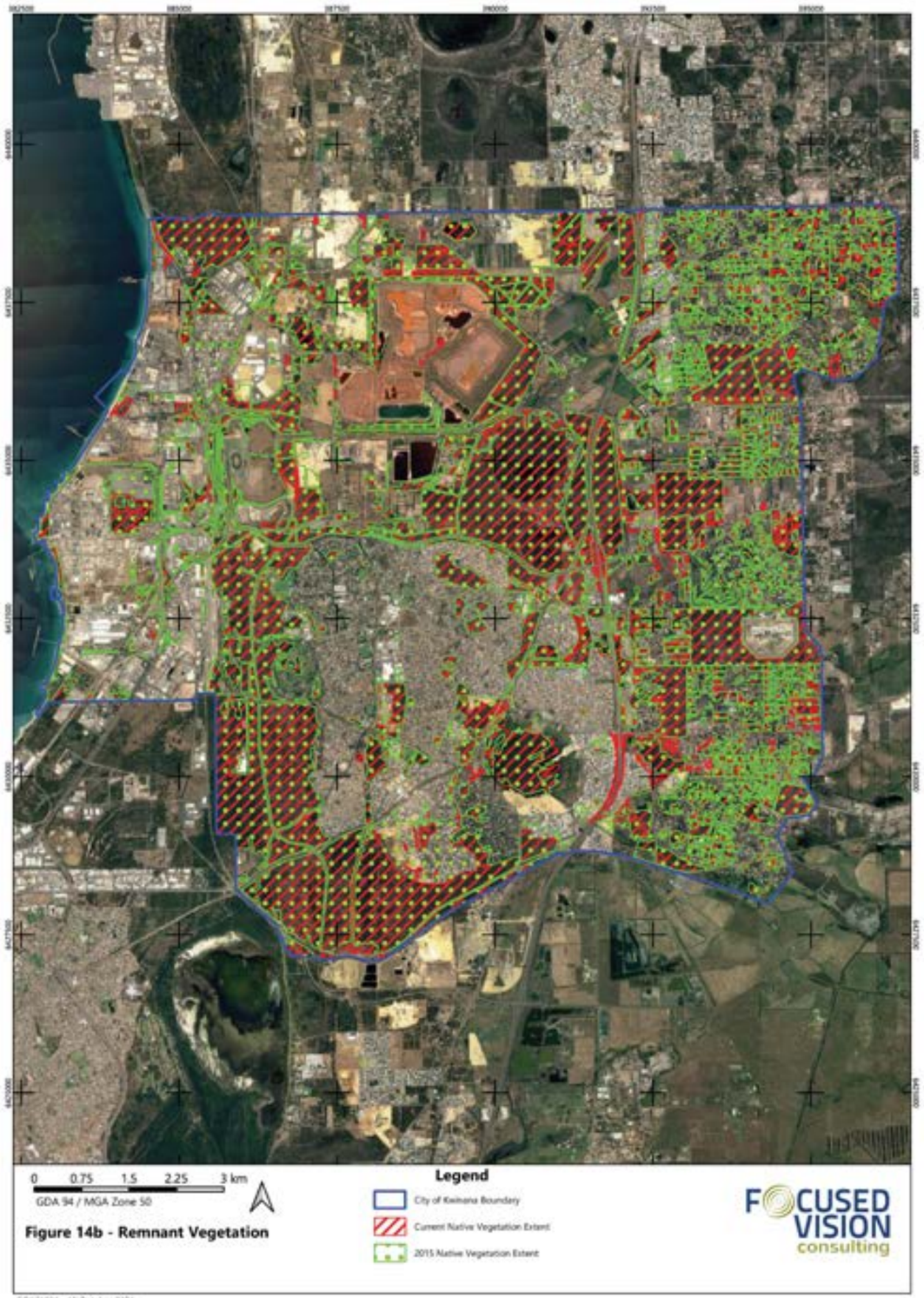


Figure 14b



5 VEGETATION INVENTORY AND RETENTION TARGETS

Retention of at least 30% of the pre-European extent of each ecological community is required to prevent an exponential loss of species and failure of ecosystem processes (Del Marco et. al. 2004).

In order to establish targets for the retention of vegetation in the City, an inventory of the current retention levels, in comparison to pre-European extent, within each of the Precincts of the City have been determined, as outlined in **Table 16** and **Table 17**. The City of Kwinana lies within the Perth metropolitan area and as such, generally, the 10% retention target applies. This LBS aims to protect and enhance the City's natural areas and therefore the higher retention target of 30% has been applied to all precincts.

All vegetation associations and complexes were allocated a retention category; the percentage of the current remaining extent of vegetation within the City of Kwinana. The retention categories are defined as follows:

- Well Retained (>50% pre-European vegetation extent remaining)
- Adequately Retained (50 – 35% pre-European vegetation extent remaining)
- Close to Retention Target (35% - 30% pre-European vegetation extent remaining)
- Under Retention Target - No Further clearing (<30% pre-European vegetation extent remaining).

It is important to note that whilst the 30% retention target may be considered 'best practice', in certain precincts such as Precinct 1 – Urban, and Precinct 3 – Industrial, due to the extensive clearing already occurring within these precincts, the retention target of 30% is unlikely to be achievable, and therefore, the lower retention target of 10% may apply.

Table 16 – Retained Vegetation Associations within each Precinct in the City of Kwinana

Precinct	Vegetation Associations (Beard 1990)				
	Association	Pre European Extent across the City (ha)	2020 Extent (ha)*	% of Pre European Extent Remaining in 2020	Retention Category
Precinct 1 – Urban	6	66.51	9.60	14.43	Under Retention Target - No Further clearing
	968	12.60	0.52	4.13	Under Retention Target - No Further clearing
	998	1,371.52	135.88	9.91	Under Retention Target – No Further clearing
	1001	1,432.20	325.35	22.72	Under Retention Target - No Further clearing
	TOTAL	**2,882.83**	**471.35**	**16.35**	-
Precinct 2 – Rural	6	888.91	124.93	14.05	Under Retention Target - No Further clearing
	51	1.06	1.62 x 10-3	0.15	Under Retention Target - No Further clearing
	968	26.87	5.72	21.29	Under Retention Target - No Further clearing
	998	882.55	174.96	19.82	Under Retention Target - No Further clearing
	1001	2,418.34	912.29	37.72	Adequately Retained
	TOTAL	**4,217.73**	**1,217.90**	**28.87**	-
Precinct 3 – Industrial	998	315.45	107.53	34.09	Close to Retention Target
	3048	1074.01	90.68	8.44	Under Retention Target - No Further clearing
	TOTAL	**1,389.46**	**198.21**	**14.26**	-
Precinct 4 – Public purposes	6	108.95	42.86	39.34	Adequately Retained
	51	3.82	0.57	14.92	Under Retention Target - No Further clearing
	968	5.88	0.34	5.78	Under Retention Target - No Further clearing
	998	656.91	272.28	41.45	Adequately Retained
	1001	314.11	94.69	30.15	Close to Retention Target
	3048	141.10	22.36	15.85	Under Retention Target - No Further clearing
	TOTAL	**1,230.77**	**433.10**	**35.19**	-
Precinct 5 – Parks and recreation	6	412.71	374.54	90.75	Well Retained
	51	146.21	140.77	96.28	Well Retained
	968	6.78	6.35	93.66	Well Retained
	998	1,078.81	808.58	74.95	Well Retained
	1001	528.69	456.71	86.38	Well Retained
	3048	104.18	67.11	64.42	Well Retained
	TOTAL	**2,277.39**	**1,854.06**	**81.41**	
GRAND TOTAL		**11,998.19**	**4,174.62**	**34.80**	

*Latest available data from DPIRD 2020

Table 17 – Retained Vegetation Complexes within each Precinct in the City of Kwinana

Precinct	Vegetation Associations (Beard 1990)				
	Association	Pre European Extent across the City (ha)	2020 Extent (ha)*	% of Pre European Extent Remaining in 2020	Retention Category
Precinct 1 – Urban	Bassendean complex – c&s	1249.16	300.64	24.07	Under Retention Target - No Further clearing
	Cottesloe complex - c&s	986.28	67.65	6.86	Under Retention Target - No Further clearing
	Herdsman Complex	227.36	31.76	13.97	Under Retention Target - No Further clearing
	Karrakatta complex - c&s	420.03	71.30	16.97	Under Retention Target - No Further clearing
	Serpentine River complex	2.0 x 10-6	0	0	NA
	TOTAL	**2882.83**	**471.35**	**16.35**	-
Precinct 2 – Rural	Bassendean complex - c&s	2503.14	849.66	33.94	Close to Retention Target
	Cottesloe complex - c&s	681.65	135.91	19.94	Under Retention Target - No Further clearing
	Guildford complex	19.47	2.77	14.23	Under Retention Target - No Further clearing
	Herdsman Complex	138.91	81.27	58.51	Well Retained
	Karrakatta complex - c&s	874.14	148.14	16.95	Under Retention Target - No Further clearing
	Serpentine River complex	0.42	0.15	35.71	Adequately Retained
	TOTAL	**4217.73**	**1217.90**	**28.88**	-
Precinct 3 – Industrial	Cottesloe complex - c&s	490.59	123.35	25.14	Under Retention Target - No Further clearing
	Quindalup complex	888.53	74.00	8.33	Under Retention Target - No Further clearing
	TOTAL	**1379.12**	**197.35**	**14.31**	-
Precinct 4 – Public purposes	Bassendean complex - c&s	311.00	91.51	29.42	Under Retention Target - No Further clearing
	Cottesloe complex - c&s	583.90	180.24	30.87	Close to Retention Target
	Herdsman Complex	23.40	4.63	19.79	Under Retention Target - No Further clearing
	Karrakatta complex - c&s	104.88	53.58	51.09	Well Retained
	Quindalup complex	207.51	103.06	49.67	Adequately Retained
	Serpentine River complex	0.08	0.08	100	Well Retained
	TOTAL	**1230.77**	**433.10**	**35.19**	Adequately Retained
Precinct 5 – Parks and recreation	Bassendean complex - c&s	615.52	536.74	87.2	Well Retained
	Cottesloe complex - c&s	1046.87	778.86	74.4	Well Retained
	Herdsman Complex	189.77	176.88	93.21	Well Retained
	Karrakatta complex - c&s	234.90	218.27	92.92	Well Retained
	Quindalup complex	187.27	140.57	75.06	Well Retained
	Serpentine River complex	3.06	2.74	89.54	Well Retained
	TOTAL	**2277.39**	**1854.06**	**81.41**	Well Retained
GRAND TOTAL		**11998.19**	**4174.62**	**34.80**	

Based on the current pre-European vegetation extents remaining within each precinct, a target retention level of 30% was applied. Numerous vegetation associations and vegetation complexes within each precinct fall below the 30% retention target as summarised in **Table 18** and spatially presented in **Figure 15.**

Table 18 – Summary of Vegetation Associations and Complexes with Less Than 30% Remaining within the City

Precinct	Associations	Complexes
Precinct 1 – Urban	6 968 998 1001	Bassendean complex – central and south Cottesloe complex – central and south Herdsman Complex Karrakatta complex – central and south
Precinct 2 – Rural	6 51 968 998	Cottesloe complex – central and south Guildford complex Karrakatta complex – central and south
Precinct 3 – Industrial	3048	Cottesloe complex – central and south Quindalup complex
Precinct 4 – Public purposes	51 968 3048	Bassendean complex - central and south Herdsman Complex
Precinct 5 – Parks and recreation	NA	NA

Figure 15 – Biodiversity Planning Precincts Vegetation Retention Targets

Figure 15b

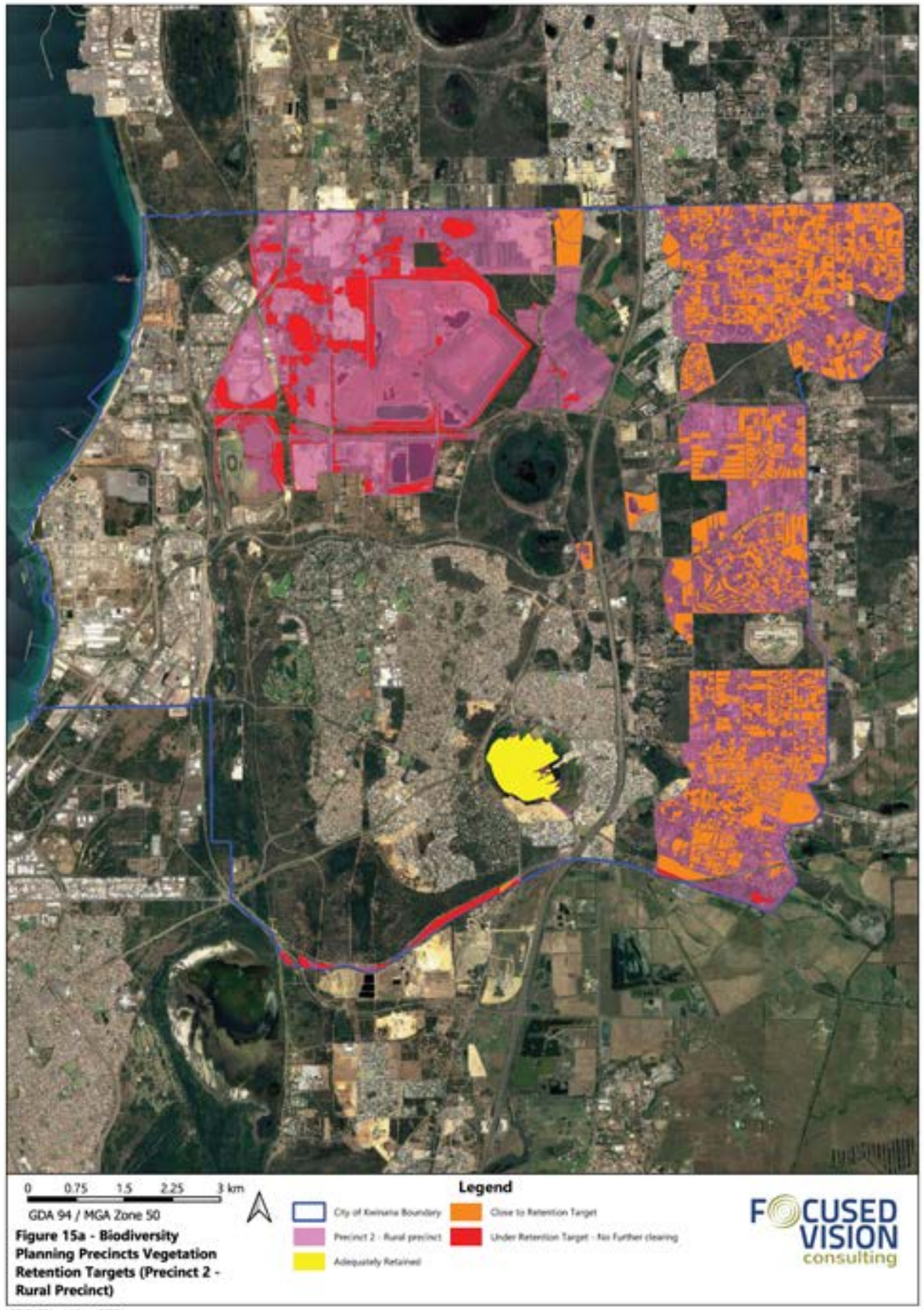


Figure 15a - Biodiversity Planning Precincts Vegetation Retention Targets (Precinct 2 - Rural Precinct)

Figure 15c

Figure 15c - Biodiversity Planning Precincts Vegetation Retention Targets (Precinct 3 - Industrial Precinct)

Figure 15d

Figure 15d - Biodiversity Planning Precincts Vegetation Retention Targets (Precinct 4 - Public Purposes Precinct)

Figure 15e

Figure 15e - Biodiversity Planning Precincts Vegetation Retention Targets (Precinct 5 - Parks and Recreation Precinct)

6 LOCAL NATURAL AREA VALUES AND PRIORITISATION

6.1 DEGRADATION OF NATURAL AREAS

Natural area prioritisation provides an effective tool for strategically identifying areas with existing or potential high conservation values and informing future land use decisions (Nam Natura 2021) and identifies priority areas for protection and conservation.

The purpose of the prioritisation process is to identify LNAs where multiple biodiversity values overlap as they can provide a good opportunity to meet conservation needs for multiple species or ecosystems (Nam Natura 2020). LNAs considered to be of high priority should be considered for formal protection to prevent degradation and optimise opportunities for enhancement.

Guidelines on determining prioritisation of LNAs were developed as part of the Perth Biodiversity Project (Del Marco et al. 2004) and have been adapted for prioritisation of LNAs within the City of Kwinana, as part of this LBS.

Prioritisation considers two categories of criteria:

1. Regional conservation significance criteria, supported by legislation and policy (EP Act, BC Act and EPA Guidance Statement No 33), in the following categories:
    - Representation
    - Rarity
    - Diversity
    - Wetland, streamline, estuarine, coastal vegetation
    - Maintenance of ecological functions (patch size and connectivity).
2. Locally significant vegetation and local ecological linkages as outlined in the Local Government Biodiversity Planning Guidelines (Del Marco et al. 2004).

Due to the large number of LNAs within the City, prioritisation within this LBS was restricted to those LNAs identified to be of high conservation value, or that do not occur within areas already receiving management and protection.

In order to determine the LNAs of high conservation value, an initial screening was conducted. Each LNA was analysed with the aid of current available spatial data and was determined to be of high conservation value if it:

- supports known areas of TECs or occurs within a TEC buffer
- supports known populations of Threatened Flora
- contains vegetation complexes with <10% remaining within the Swan Coastal Plain IBRA Region
- is within 5 km of a confirmed Black-cockatoo breeding site or its buffer.

Other criteria such as the presence of Threatened or Priority fauna were not addressed, due to the mobile nature of animals and the ability of fauna to move throughout their home range.

Discussions with the City identified that areas of current and future development are facing imminent threats from clearing and therefore, were nominated to be a focus of prioritisation.

Areas of remnant vegetation that occur on the Jandakot Water Mound are afforded some protection from clearing due to the requirement for submission of a Development Application for assessment and approval by the City. All LNAs that do not meet the aforementioned criteria or occur on the Jandakot Water Mound are proposed in this LBS to be prioritised at a later date, as part of future prioritisation efforts as per the strategic actions listed in **Section 6.3**.

Areas that were not part of LNAs (Bush Forever, DBCA Managed Lands and Regional Parks) were removed from this dataset in order to limit prioritisation to only the LNAs within the City. Additionally, City reserves and parks that are currently managed by the City, and areas within the Jandakot Mound were not assessed against the prioritisation criteria listed in **Table 19**.

The screening to determine LNAs of high conservation value determined that 1,110 areas comprising 1,031.82 ha were relevant for initial prioritisation as part of this LBS **(Figure 17) (Appendix B)**.

In order to prioritise the City's LNAs considered to be of high conservation value, each was assessed against the criteria listed in Table 19 and scored as per the given weightings. The guidelines defined by Del Marco et. al. (2004) were adapted in order to better suit vegetation and LNAs within the City of Kwinana, particularly pertaining to the current extent of vegetation remaining within the city, and the presence of Threatened Ecological Communities. A number of criteria developed by Del Marco et. al. (2004) were not assessed such as 'Natural areas in good or better condition that contain both upland and wetland structural plant communities', due to the lack of available information, and therefore, such criteria were not used.

In order to prioritise the City's LNAs considered to be of high conservation value, each was assessed against the criteria listed in **Table 19** and scored as per the given weightings. The guidelines defined by Del Marco et. al. (2004) were adapted in order to better suit vegetation and LNAs within the City of Kwinana, particularly pertaining to the current extent of vegetation remaining within the city, and the presence of Threatened Ecological Communities. A number of criteria developed by Del Marco et. al. (2004) were not assessed such as 'Natural areas in good or better condition that contain both upland and wetland structural plant communities', due to the lack of available information, and therefore, such criteria were not used.

The criteria were selected from the list provided in the Perth Biodiversity Project (Del Marco et al. 2004), using criteria that were deemed relevant to the City. The extent of vegetation remaining within each LNA was assessed using the 2020 dataset of remaining pre-European native vegetation extent (DPIRD 2020).

Each individual criterion was allocated a score, weighted to reflect the relative importance (ecological value) of each. For example, the presence of Threatened flora receives a higher score than areas that containing Priority flora **(Table 19)**. If a criterion is met within the LNA, the weighted score is applied and if the criterion is not met, no score (0) is applied, with scores totalled, providing a possible score of 46 across the 21 criteria.

The score achieved by each LNA provides an indication of the number and importance of criteria being met, the potential for the area to be of conservation value and therefore its priority for action.

All definitive decisions regarding actions implemented for each LNA should be supported by field assessments to confirm the biodiversity value of each. Specialist advice will be required to determine the presence or absence of features of conservation and biodiversity significance and importance, and in confirming suitable actions for these LNAs, but guided by this LBS and future iterations of the list of strategic actions.

Prioritisation of high conservation value LNAs considered to be under imminent threat are spatially presented in **Figure 17** and summarised in **Appendix B**. All other LNAs not prioritised in this assessment will be prioritised as part of future strategic actions.

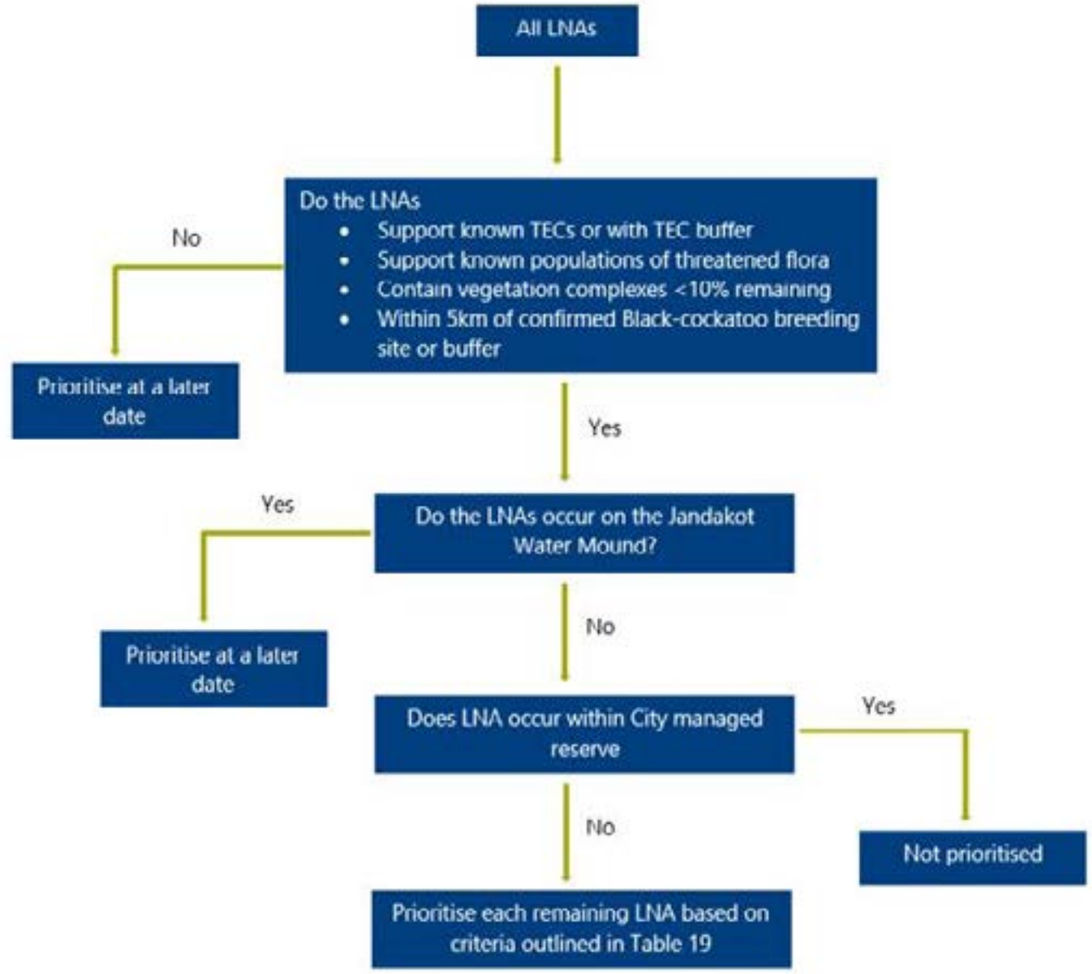


Figure 16 – LNA Prioritisation Methodology

Figure 17 – High Conservation Value Local Natural Areas

Figure 18 – Local Natural Areas Prioritisation

Table 19

Criteria Code	Criteria (PBP 2013)	Spatial Data Representation	Weighted Criteria Score
Regional Representation (Representative of):			
P1_2a	a vegetation complex with 30% or less remaining and <10% protected (formal) in the Swan Coastal Plain IBRA region	Vegetation extent by vegetation complexes	1
P1_2b	a vegetation complex with 30% or less remaining in the Swan Coastal IBRA region	Vegetation extent by vegetation complexes	3
P1_2c	a vegetation complex with 90-100% of its original extent occurring within the City	Pre-European extent of vegetation complexes in the IBRA region	1
P1_2d	a vegetation complex with 60-89% of its original extent occurring within the City	Pre-European extent of vegetation complexes in IBRA region	1
P1_3	large (greater than 20 ha) natural areas	Remnant vegetation in patches greater than 20 ha	2
Rarity			
P3_3a	Contains a Commonwealth listed Threatened Ecological Community (TEC)	TEC boundaries (DBCA 2021d)	4
P3_3b	Contains a State listed Threatened Ecological Community (TEC)	TEC boundaries (DBCA 2021d)	4
P3_4	Contains a Priority Ecological Community (PEC)	PEC boundaries (DBCA 2021d)	1
P3_5	Contains Threatened Flora	Threatened flora locations (DBCA 2021a)	4
P3_6	Contains Priority Flora	Priority flora (DBCA 2021a)	2
P3_7a	Supports Commonwealth Threatened and specially protected fauna	Threatened fauna (CR, EN, VU, OS – Other Specially Protected) (DBCA 2021d)	4
P3_7b	Supports State Threatened and specially protected fauna	Threatened fauna (CR, EN, VU, OS – Other Specially Protected) (DBCA 2021b)	4
P3_8	Supports Priority fauna	Priority fauna (DBCA 2021b)	1
P3_9a	Provides significant habitat for significant fauna	Areas requiring investigation for Carnaby's-cockatoo foraging habitat (Swan Coastal Plain)	2
P3_9b		Carnaby's Cockatoo habitat - breeding sites (confirmed and possible) within 12 km buffer	2
P3_9c		Carnaby's Cockatoo habitat - roosting sites (confirmed and unconfirmed) within 6 km buffer	2
Maintaining ecological processes or natural systems - connectivity			
P4_1	Natural areas acting as stepping-stones in a regionally significant ecological link	Connectivity layer - current remnant vegetation that touches the Perth Metropolitan Region Regional Ecological Linkages	1
Protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation			
P5_1	Remnant vegetation within Conservation Category Wetlands plus 50 m buffer	Geomorphic wetland mapping (DBCA 2019)	3
P5_1b	Remnant vegetation within Resource Enhancement Wetlands plus 50 m buffer	Geomorphic wetland mapping (DBCA 2019)	2
Local Representation (Representative of):			
P6_1	a vegetation complex with 10% or less remaining within the City	Vegetation extent by vegetation complexes within the City	1
P6_2	a vegetation complex with 30% or less remaining within the City	Vegetation extent by vegetation complexes within the City	1

Figure 19 – LNAs of Highest Priority

6.2 SUMMARY OF KEY VALUES FOR LNAS WITHIN THE CITY OF KWINANA

The key significant values within the LNAs of the City of Kwinana are:

- Presence of the following Commonwealth or State listed TECs:
    - Tuart Woodlands and Forests of the Swan Coastal Plain (Critically Endangered, EPBC Act; Priority 3, DBCA)
    - Communities of Tumulus Springs (Mound Springs SCP) (Endangered, EPBC Act; Critically Endangered, BC Act)
    - Woodlands over sedgelands in Holocene Dune swale of the southern Swan Coastal Plain (SCP19b) (Endangered, EPBC Act; Critically Endangered, BC Act)
    - Banksia Woodlands of the Swan Coastal Plain (Endangered, EPBC Act; Priority 3, DBCA)
    - Low Lying Banksia attenuata woodlands or shrublands (SCP21c) (Endangered, EPBC Act; Priority 3, DBCA)
    - Banksia ilicifolia woodlands (SCP22) (Endangered, EPBC Act; Priority 3, DBCA)
    - Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (SCP26a) (Endangered, BC Act).
- Presence of the following PECs:
    - Northern Spearwood shrublands and woodlands (Priority 3)
    - Southern Eucalyptus gomphocephala – Agonis flexuosa woodlands (Priority 3).
- Presence of Vegetation Complexes with less than 30% remaining on the Swan Coastal Plain
- Presence of Vegetation Complexes with less than 30% remaining within the City
- Presence of Threatened Flora
- Presence of Threatened and specially protected Fauna
- Representing a stepping-stone in a regionally significant ecological linkage
- Remnant vegetation within or within 50 m of a buffer of Conservation Category Wetlands
- Remnant vegetation within or within 50 m of a buffer of Resource Enhancement Category Wetlands.

Out of the 1,110 areas considered to high conservation LNAs, based on the initial prioritisation as part of this LBS **(Appendix B)**, 26 were identified as areas of high priority, with a prioritisation score of 24 or greater **(Table 20, Figure 19)**.

Table 20 – High Priority LNAs (with a Score of Greater than 24)

Easting (mE) Northing (mN)	Location	Score	Area (ha)
393777mE 6428820mN	1 Shipsey Place	24	1.17
392686mE 6428582mN		26	9.22
392926mE 6428711mN	173 Braddock Road	26	1.56
393005mE 6428677mN		26	1.37
393084mE 6428646mN	159 Braddock Road	26	1.12
393164mE 6428616mN	151 Braddock Road	26	0.78
393244mE 6428585mN	149 Braddock Road	26	0.48
392443mE 6431463mN	24 Lugg Place	28	1.56
392443mE 6431203mN		28	0.11
392524mE 6431345mN		28	5.9 x 10-4
392566mE 6431601mN	28 Lugg Place	28	0.69
392607mE 6430795mN	12 Nicolas Drive	28	0.09
392613mE 6430999mN	32 Nicolas Drive	28	0.16
392614mE 6431376mN	2 Lugg Place	28	0.94
392631mE 6431200mN	76 Nicolas Drive	28	1.06
392635mE 6430905mN	24 Nicolas Drive	28	0.38
392638mE 6430647mN	135 Mortimer Road	28	1.15
392976mE 6430630mN		28	0.02
393027mE 6431705mN	165 Mortimer Road	28	44.29
393030mE 6431552mN		28	1.2 x 10-3
393030mE 6431532mN		28	1.5 x 10-4
393030mE 6431529mN	122 Nicolas Drive	28	0.01
393032mE 6431346mN	168 Nicolas Drive	28	4.5 x 10-3
393033mE 6431254mN	180 Nicolas Drive	28	2.7 x 10-4
393118mE 6431726mN	131 Nicolas Drive	28	0.85
393127mE 6431645mN		28	0.01

7 BIODIVERSITY VISION, DIRECTIONS AND ACTIONS

7.1 VISION

The City's biodiversity vision is to:

Prioritise, protect and enhance the City's natural areas

7.2 STRATEGIC DIRECTIONS

To achieve the City's biodiversity vision, the strategic directions (objectives) are to:

1. Increase the protection status of significant biodiversity in the City, including on local government managed or owned lands, and on private land.
2. Appropriately manage LNAs to reduce identified threats.
3. Increase the viability and resilience of LNAs by establishing or enhancing buffers and regional and local ecological linkages.
4. Achieve long-term community engagement in local biodiversity management.
5. Embed the consideration of biodiversity as standard in all decisions and activities of the City.

Aspect	Action	Timeframe
Increase the protection status of significant biodiversity		
LNAs	Further assess and refine the prioritisation of identified LNAs (Section 5.2), including local reserves, for those LNAs not determined to be of high conservation value as identified in this LBS.	Within 5 years
	Establish a system to hold new information collected on LNAs by establishing a LNA Inventory and ensure areas are vested for conservation and recreation.	Within 1 year
Offsets	Where opportunities arise with development applications lodged, secure private land for inclusion in the City's LNAs as part of offset packages, including via development projects. Proponents to fund management of these LNAs for a period of time (sufficient to improve the bushland condition to an acceptable level), before responsibility is returned to the City. Each property shall be subject to a management plan that outlines actions, responsibilities, timeframes and funding avenues.	Ongoing
	As part of the further assessment and prioritisation of identified LNAs (Section 5.2), determine LNAs with the potential to be purchased as offsets.	Within 5 years
	Investigate opportunities, via local planning policies, which require new vegetation plantings to offset the clearing of vegetation on private land	
Clearing	Avoid or minimise further clearing of LNAs, especially areas within vegetation associations or complexes for which the current extent of those associations of complexes is close to the 30% retention threshold for that Biodiversity Planning Precinct.	Ongoing
	No further clearing of LNAs supporting vegetation associations or complexes for which the current extent of those associations of complexes falls below the 30% retention threshold for that Biodiversity Planning Precinct	
Illegal clearing	Prosecute instances of illegal clearing under the Planning and Development Act 2005, with funds from infringements contributing to the LBS fund (see below).	Ongoing
LBS fund	Establish a fund that collects from illegal clearing infringements and utilises those funds for implementing actions as outlined in this LBS. Investigate how any cash-in-lieu for the POS fund may also be used for management of LNAs.	Within 2 years
Wetlands	Consider amendments to the Local Planning Scheme for areas adjacent to wetlands and wetland buffers, to protect LNAs associated with and adjacent to wetlands.	Within 1 year
	Retain all remaining vegetated areas classified as CCW and REW Geomorphic Wetlands of the Swan Coastal Plain.	Ongoing

Aspect	Action	Timeframe
TECs/PECs	Protect, regenerate and restore TEC or PEC vegetation and fauna habitat per “prioritisation”.	As per prioritisations made (Section 5.2)
Rural planning	Consider the prioritisation and retention of biodiversity-significant areas within LNAs associated with rural developments, via appropriate spatial positioning, selection and approval of building envelopes.	Ongoing
Vegetation retention targets	Establish and plan for the achievement of a set of targets for areas of retained native vegetation (a certain % of each complex, areas of wetlands, etc.) as applicable to the various precincts.	Within 1 year
Tree Register	Establish and include a significant tree register within the Local Planning Strategy and Scheme	Ongoing
Appropriately manage LNAs		
LNAs	For all LNAs that have been identified to be areas of high conservation value, undertake a rapid assessment to ground-truth the status of remnant vegetation, general condition, threats, and apparent opportunities for management and prioritise accordingly.	Within 5 years
TECs	Undertake a desktop mapping exercise to consolidate the patches of TECs in the City to enable planning and further prioritisation of LNAs.	Within 5 years
LNA Inventory	Regularly update mapping and information within the established LNA Inventory.	Ongoing, or at least every 2 years
Wetlands	Protect, restore and manage all vegetated wetlands and buffers within the City.	As per prioritisations made (Section 5.2)
TECs/PECs	Ensure all proposed development that may impact a LNA which contains TEC, PEC or habitat for significant flora or fauna, has been suitably assessed by ecological specialists.	Ongoing
Developer bonds	Collect bonds from developers ensuring appropriate management of LNAs, which the City can utilise for management, if required.	Ongoing

Aspect	Action	Timeframe
Increase buffers and ecological linkages		
Ecological linkages	Protect, regenerate and restore vegetation within, and adjacent to defined ecological linkages as per “prioritisation”.	As per prioritisations made (Section 5.2)
Revegetation	Find opportunities for linkages to be rehabilitated, with a focus on the limited east-west links.	Ongoing
Wetland buffers	Establish a new Policy for management of wetland buffers on private property.	Within 2 years
	Protect and begin to restore/revegetate buffers of all Geomorphic wetlands within the City.	Ongoing
TECs/PECs	Protect and begin to restore/revegetate buffers of LNAs containing TECs, PECs or habitat of significant flora or fauna.	Ongoing
Achieve long term community engagement in local biodiversity management		
Consultation	Carry out public consultation as per usual City procedures to consider feedback from the community for incorporation into the LBS.	Within 5 years
Stewardships	Formalise an environmental stewardships initiative for private properties that support significant LNAs.	Within 5 years
Private property LNA self-management	Develop a plan to incentivise private property management of LNAs (e.g. ‘Wetland Care’ and ‘Bush Care’), including activities such as providing professional advice and labour for land management activities and/or providing native plants for residents.	Within 5 years
Landowners Conservation Initiative	Develop and implement the Bushland and Wetlands Conservation Initiative (BAWLCI).	Within 5 years
Management of TECs on private property	Identify and look to manage private properties that support Tuart woodlands and forests.	Within 5 years
	Identify and look to manage private properties that support Banksia woodland.	Within 5 years
	Identify ways to support retention, protection and management on private properties that support Tumulus mound springs.	Within 5 years

Aspect	Action	Timeframe
Achieve long term community engagement in local biodiversity management (continued)		
Management of Threatened and Priority flora populations on private property	Based on current known population data, identify private properties supporting populations of Threatened and Priority flora and look to manage these sites.	Within 5 years
Industry sponsorship	Investigate opportunities for private industry (e.g. BHP, Alcoa) in the City to sponsor or fund LBS initiatives.	Within 5 years
Small business-friendly approvals	Consider an Action Plan for the development of small business-friendly environmental approvals pathways. Identify internal processes to ensure that the strategic direction is achieved.	Within 5 years
Implementation status	Provide an update on the implementation status of the Local Biodiversity Strategy within the City's Annual report.	Within 5 years
Embed biodiversity in all decisions and activities of the City		
Biodiversity procedures	Develop procedures associated with this LBS to ensure that the consideration of biodiversity is standard in all decisions and activities of the City, hand-in-hand with the consideration of sustainability principles.	Ongoing
Endorsement	Obtain endorsement of the Local Biodiversity Strategy's vision, strategic directions and strategic actions from Council.	Ongoing

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APPENDIX A – GEOMORPHIC WETLANDS WITHIN THE CITY OF KWINANA

UFI	Wetland Name	Wetland Classification	Management Category
6382	Unknown	Sumpland	Conservation Category
6384	Unknown	Sumpland	Conservation Category
6386	Unknown	Sumpland	Conservation Category
6389	Unknown	Sumpland	Conservation Category
6391	Unknown	Sumpland	Conservation Category
6392	Unknown	Sumpland	Conservation Category
6537	Spectacles South	Sumpland	Conservation Category
6539	Spectacles North	Sumpland	Conservation Category
6614	Unknown	Sumpland	Conservation Category
6615	Unknown	Sumpland	Conservation Category
6616	Unknown	Sumpland	Conservation Category
6666	Sandy Lake	Sumpland	Conservation Category
6679	Unknown	Dampland	Conservation Category
6721	Sandy Lake	Sumpland	Conservation Category
6725	Mandogalup Swamp North	Sumpland	Conservation Category
6795	Unknown	Dampland	Conservation Category
6799	Unknown	Dampland	Conservation Category
6800	Unknown	Dampland	Conservation Category
6801	Unknown	Dampland	Conservation Category
6806	Unknown	Dampland	Conservation Category
6808	Unknown	Dampland	Conservation Category
6811	Unknown	Dampland	Conservation Category
6812	Unknown	Dampland	Conservation Category
6900	Unknown	Dampland	Conservation Category
6903	Unknown	Sumpland	Conservation Category
12918	Unknown	Sumpland	Conservation Category
12980	Unknown	Sumpland	Conservation Category
12981	Mandogalup Swamp South	Dampland	Conservation Category

UFI	Wetland Name	Wetland Classification	Management Category
13079	Sandy Lake	Sumpland	Conservation Category
13080	Unknown	Sumpland	Conservation Category
13082	Sandy Lake	Sumpland	Conservation Category
13506	Not Applicable	Sumpland	Conservation Category
13959	Unknown	Sumpland	Conservation Category
13961	Unknown	Dampland	Conservation Category
13963	Unknown	Sumpland	Conservation Category
13965	Unknown	Sumpland	Conservation Category
14064	Unknown	Sumpland	Conservation Category
14148	Sandy Lake	Sumpland	Conservation Category
14663	Mandogalup Swamp Mid South	Sumpland	Conservation Category
14685	Unknown	Dampland	Conservation Category
15166	Unknown	Dampland	Conservation Category
15196	Unknown	Sumpland	Conservation Category
15290	Sandy Lake	Sumpland	Conservation Category
15333	Unknown	Sumpland	Conservation Category
15391	Long Swamp	Sumpland	Conservation Category
15397	Unknown	Sumpland	Conservation Category
15399	Unknown	Sumpland	Conservation Category
15584	Mandogalup Swamp Mid South	Sumpland	Conservation Category
15585	Mandogalup Swamp Mid South	Sumpland	Conservation Category
15866	Bollard Bulrush Swamp	Sumpland	Conservation Category
6375	Unknown	Sumpland	Resource Enhancement
6376	Unknown	Sumpland	Resource Enhancement
6379	Unknown	Dampland	Resource Enhancement
6380	Unknown	Dampland	Resource Enhancement
6387	Unknown	Sumpland	Resource Enhancement
6388	Unknown	Sumpland	Resource Enhancement
6390	Unknown	Sumpland	Resource Enhancement
6401	Unknown	Sumpland	Resource Enhancement
6610	Wattleup Lake	Lake	Resource Enhancement
6613	Unknown	Sumpland	Resource Enhancement
6664	Mandogalup Swamp Mid North	Sumpland	Resource Enhancement
6667	Unknown	Dampland	Resource Enhancement
6670	Unknown	Dampland	Resource Enhancement
6672	Unknown	Sumpland	Resource Enhancement
6690	Unknown	Dampland	Resource Enhancement
6719	Mandogalup Swamp North	Sumpland	Resource Enhancement
6724	Mandogalup Swamp North	Sumpland	Resource Enhancement
6726	Mandogalup Swamp North	Sumpland	Resource Enhancement

UFI	Wetland Name	Wetland Classification	Management Category
6729	Unknown	Dampland	Resource Enhancement
6794	Unknown	Dampland	Resource Enhancement
6796	Unknown	Dampland	Resource Enhancement
6802	Unknown	Dampland	Resource Enhancement
6807	Unknown	Dampland	Resource Enhancement
6814	Unknown	Dampland	Resource Enhancement
6815	Unknown	Dampland	Resource Enhancement
6887	Unknown	Dampland	Resource Enhancement
6889	Unknown	Dampland	Resource Enhancement
6891	Unknown	Dampland	Resource Enhancement
6892	Unknown	Dampland	Resource Enhancement
6895	Unknown	Dampland	Resource Enhancement
6899	Unknown	Dampland	Resource Enhancement
12919	Unknown	Dampland	Resource Enhancement
13689	Unknown	Dampland	Resource Enhancement
13693	Unknown	Dampland	Resource Enhancement
13750	Unknown	Sumpland	Resource Enhancement
13967	Unknown	Dampland	Resource Enhancement
13968	Unknown	Dampland	Resource Enhancement
13969	Unknown	Dampland	Resource Enhancement

UFI	Wetland Name	Wetland Classification	Management Category
14079	Unknown	Sumpland	Resource Enhancement
14664	Unknown	Palusplain	Resource Enhancement
14666	Unknown	Palusplain	Resource Enhancement
14732	Unknown	Dampland	Resource Enhancement
15325	Unknown	Dampland	Resource Enhancement
15327	Unknown	Dampland	Resource Enhancement
15328	Unknown	Dampland	Resource Enhancement
15329	Unknown	Dampland	Resource Enhancement
15330	Unknown	Dampland	Resource Enhancement
15331	Unknown	Dampland	Resource Enhancement
15332	Unknown	Not Assessed	Resource Enhancement
15334	Unknown	Not Assessed	Resource Enhancement
15335	Unknown	Not Assessed	Resource Enhancement
15343	Unknown	Not Assessed	Resource Enhancement
15344	Unknown	Not Assessed	Resource Enhancement
15347	Unknown	Not Assessed	Resource Enhancement
15348	Unknown	Dampland	Resource Enhancement
15400	Unknown	Sumpland	Resource Enhancement
15800	Unknown	Sumpland	Resource Enhancement
15801	Unknown	Sumpland	Resource Enhancement

UFI	Wetland Name	Wetland Classification	Management Category
15867	Bollard Bulrush Swamp	Sumpland	Resource Enhancement
15935	Unknown	Dampland	Resource Enhancement
15936	Unknown	Dampland	Resource Enhancement
6381	Unknown	Dampland	Multiple Use
6530	Mandogalup Swamp South	Dampland	Multiple Use
6531	Unknown	Dampland	Multiple Use
6538	Unknown	Dampland	Multiple Use
6668	Sandy Lake	Sumpland	Multiple Use
6669	Sandy Lake	Sumpland	Multiple Use
6716	Mandogalup Swamp North	Sumpland	Multiple Use
6793	Unknown	Sumpland	Multiple Use
6803	Unknown	Dampland	Multiple Use
6810	Unknown	Dampland	Multiple Use
6901	Unknown	Sumpland	Multiple Use
6926	Unknown	Dampland	Multiple Use
12921	Unknown	Dampland	Multiple Use
13327	Bollard Bulrush Swamp	Sumpland	Multiple Use
13727	Unknown	Dampland	Multiple Use
13728	Unknown	Dampland	Multiple Use
13731	Unknown	Dampland	Multiple Use
13732	Unknown	Dampland	Multiple Use
13737	Unknown	Sumpland	Multiple Use
13738	Unknown	Sumpland	Multiple Use
13740	Unknown	Sumpland	Multiple Use
13741	Unknown	Sumpland	Multiple Use
13753	Unknown	Dampland	Multiple Use
13958	Unknown	Sumpland	Multiple Use
13962	Unknown	Sumpland	Multiple Use
13966	Unknown	Sumpland	Multiple Use
14063	Unknown	Sumpland	Multiple Use
14163	Unknown	Dampland	Multiple Use
14662	Mandogalup Swamp North	Sumpland	Multiple Use
15336	Unknown	Dampland	Multiple Use
15337	Unknown	Dampland	Multiple Use
15338	Unknown	Dampland	Multiple Use
15340	Unknown	Dampland	Multiple Use
15342	Unknown	Sumpland	Multiple Use
15345	Unknown	Not Assessed	Multiple Use
15346	Unknown	Not Assessed	Multiple Use
15349	Unknown	Sumpland	Multiple Use
15350	Unknown	Dampland	Multiple Use
15396	Unknown	Sumpland	Multiple Use
15398	Unknown	Sumpland	Multiple Use
15578	Unknown	Dampland	Multiple Use
15582	Unknown	Not Assessed	Multiple Use
15583	Mandogalup Swamp Mid South	Sumpland	Multiple Use
15590	Unknown	Dampland	Multiple Use
15785	Unknown	Palusplain	Multiple Use
15798	Unknown	Sumpland	Multiple Use
15799	Unknown	Sumpland	Multiple Use
15937	Unknown	Dampland	Multiple Use
15938	Unknown	Dampland	Multiple Use
13091	Not Applicable	Dryland	Not Applicable
13941	Long Swamp*	No Longer a Wetland	Not Applicable
14076	Unknown	No Longer a Wetland	Not Applicable
14419	Not Applicable	Dryland	Not Applicable
15395	Unknown	No Longer a Wetland	Not Applicable
15862	Unknown	No Longer a Wetland	Not Applicable
15905	Unknown	No Longer a Wetland	Not Applicable

* UFI 15391 – Long Swamp is the CCW

APPENDIX B – PRIORITISATION OF HIGH CONSERVATION VALUE LNAS

Area (ha)		1.56	0.11	0	0.69	0.09	0.16	0.94	1.06	0.38	1.15	0.02	44.29	0	0	0.01	0
Score		28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	P3_7b	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P3_7a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality		CASUARINA			CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA		CASUARINA			CASUARINA	CASUARINA
Type		PL			PL	DR	DR	PL	DR	DR	RD		RD			DR	DR
Road Name		LUGG			LUGG	NICOLAS	NICOLAS	LUGG	NICOLAS	NICOLAS	MORTIMER		MORTIMER			NICOLAS	NICOLAS
Lot/ Rd No.		24			28	12	32	2	76	24	135		165			122	168
Easting (mE) Northing (mN)		392443mE 6431463mN	392443mE 6431203mN	392524mE 6431345mN	392566mE 6431601mN	392607mE 6430795mN	392613mE 6430999mN	392614mE 6431376mN	392631mE 6431200mN	392635mE 6430905mN	392638mE 6430647mN	392976mE 6430630mN	393027mE 6431705mN	393030mE 6431552mN	393030mE 6431532mN	393030mE 6431529mN	393032mE 6431346mN

Area (ha)		0.01	9.22	1.56	1.37	1.12	0.78	0.48	1.17	1.27	1.26	1.21	0.01	1.48	1.77	0.7	0.04	0.65
Score		28	26	26	26	26	26	26	24	23	23	22	22	22	22	22	22	22
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	3	3	3	3	3	3	3	0	0	0	0	0	3	3	3	3	3
	P4_1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	P3_7b	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0
	P3_7a	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality				WELLARD		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	CASUARINA	WELLARD		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD
Type				RD		RD	RD	RD	RD	PL	DR	RD		RD	RD	CT	RD	RD
Road Name				BRADDOCK		BRADDOCK	BRADDOCK	BRADDOCK	SHIPSEY	BARKER	LAVERY	BARKER		BARKER	BARKER	BALKA	BRADDOCK	BRADDOCK
Lot/ Rd No.				173		159	151	149	1	106	100	22		129	135	6	48	52
Easting (mE) Northing (mN)		393127mE 6431645mN	392686mE 6428582mN	392926mE 6428711mN	393005mE 6428677mN	393084mE 6428646mN	393164mE 6428616mN	393244mE 6428585mN	393777mE 6428820mN	394032mE 6429726mN	394719mE 6431478mN	393769mE 6430420mN	393825mE 6430507mN	393855mE 6429573mN	393965mE 6429362mN	394038mE 6429619mN	394053mE 6429118mN	394065mE 6429354mN

Area (ha)		1.36	0.43	1.27	0.63	0.65	0.27	0.45	0.12	0	0	7.22	15.87	4.34	0.01	0.04	0.31	3.57	
Score		22	22	22	22	22	22	22	22	20	20	20	20	19	19	19	19	19	
Criteria	P6_2	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	3	3	3	3	3	3	3	3	0	0	0	0	0	3	3	3	3	
	P4_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
	P3_3b	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	0	0	0	0	0	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1	
Locality		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD		PARMELIA	PARMELIA	PARMELIA	WELLARD				BERTRAM	
Type		RD	CT	RD	RD	RD	RD	RD	RD		RISE	GDNS	RD	PDE				RD	
Road Name		BARKER	BALKA	BANKSIA	BANKSIA	BRADDOCK	BRADDOCK	BANKSIA	BANKSIA		BLACKBOY	TIMBERTOP	BERTRAM	BRENTFORD				JOHNSON	
Lot/ Rd No.		121	10	149	147	42	32	145	133		22			22				65	
Easting (mE) Northing (mN)		394066mE 6429602mN	394147mE 6429646mN	394160mE 6429563mN	394207mE 6429347mN	394221mE 6429268mN	394318mE 6429254mN	394327mE 6429326mN	394394mE 6429240mN	389348mE 6430423mN	389378mE 6430395mN	389434mE 6430483mN	389992mE 6431027mN	388997mE 6429255mN	391428mE 6432536mN	391521mE 6432081mN	391527mE 6432146mN	391695mE 6432519mN	

Area (ha)		0.68	1.34	7.5	0.01	0.27	1.79	3.27	1.79	3.27	0.36	3.65	0.43	0	0.35	9.67	0	0.01	7.9
Score		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	18
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	3	3	3	0	0	3	0	3	0	3	3	3	3	3	3	3	0	0
	P4_1	1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	4	4	0	4	0	4	0	0	0	0	0	0	0	0	0
	P3_4	1	1	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	1
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	2	0	0	0	0	2	0	2	0	2	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
Locality			BERTRAM	CASUARINA	ANKETELL	ANKETELL			WELLARD		ANKETELL	WELLARD	ANKETELL					HOPE VALLEY	
Type			FWY	RD	RD	RD			RD		RD	RD	RD					RD	
Road Name			KWINANA	ORTON	TREEBY	TREEBY			MORTIMER		THOMAS	MORTIMER	THOMAS					ANKETELL	
Lot/ Rd No.					74	74			110		793	136	811						
Easting (mE) Northing (mN)		391755mE 6432278mN	391788mE 6432286mN	391875mE 6432284mN	392050mE 6434968mN	392055mE 6434958?mN			392296mE 6430414mN	392355mE 6435054mN	392378mE 6433821mN	392398mE 6430520mN	392424mE 6433873mN	392663mE 6430078mN	392664mE 6430073mN	392686mE 6430378mN	392843mE 6430078mN	392981mE 6430265mN	388535mE 6435549mN

Area (ha)		0.55	2.74	0.18	0	0	20.88	0.35	0	1.76	0.01	0.71	0	0	0	0	0	0	0.48
Score		18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	3	3	3	0	0	3	3	3	3	3	3	3	3	3	3	3	3
	P4_1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	1	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality		MANDOGA-LUP	MANDOGA-LUP	WANDI					WANDI			ANKETELL							
Type		RD	RD	CRES					RWY			RD							
Road Name		ROWLEY	HOFFMAN	MORNINGTON					KWINANA			THOMAS							
Lot/ Rd No.		66										819							
Easting (mE) Northing (mN)		391977mE 6438847mN	392151mE 6437309mN	392193mE 6436792mN	392200mE 6437108mN	392212mE 6438123mN	392215mE 6438530mN	392256mE 6437366mN	392274mE 6436886mN	392381mE 6436700mN	392557mE 6428608mN	392561mE 6433932mN	392571mE 6428603mN	392623mE 6428587mN	392685mE 6436972mN	392686mE 6436973mN	392863mE 6428502mN	392876mE 6428505mN	

Area (ha)		0	2.82	0.42	0.83	1.12	1.12	1.35	5.11	0.84	1.45	0	0.49	0.83	0.49	1.69	1.16	1.07	
Score		18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P4_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	
Type		RD	RD	RD	PL	RD	RD	DR	RD	DR	RD		RD	PWY	RD	PWY	RD	RD	
Road Name		BRADDOCK	BRADDOCK	BRADDOCK	NELLA	BRADDOCK	BRADDOCK	ARUNDEL	BRADDOCK	ARUNDEL	BRADDOCK		BARKER	ALEXANDER	BARKER	ALEXANDER	BARKER	BARKER	
Lot/ Rd No.		173	178	172	38	128	120	64	108	78	108		179	32	179	22	167	124	
Easting (mE) Northing (mN)		392876mE 6428505mN	392905mE 6429022mN	393002mE 6428941mN	393029mE 6429080mN	393238mE 6428918mN	393346mE 6429039mN	393406mE 6429446mN	393430mE 6429231mN	393464mE 6429314mN	393494mE 6429220mN	393544mE 6429298mN	393718mE 6429243mN	393661mE 6429706mN	393718mE 6429243mN	393727mE 6429598mN	393759mE 6429431mN	393778mE 6429681mN	

Area (ha)		0	0.4	0	0.04	0.51	0	0.17	0.29	0.12	0	0	0.36	0.87	1.08	0.01	2.9	22.71
Score		18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	3	3	3	3	3	3	3	3	3	3	0	0	3	3	3	3	3
	P4_1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality		WELLARD	WELLARD		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA	LEDA
Type		RD	RD		RD	RD	RD	RD	RD	RD	RD	RD	CL	DR	DR	DR	DR	RD
Road Name		BRADDOCK	BARKER		BARKER	BRADDOCK	BARKER	BARKER	BRADDOCK	BRADDOCK	BRADDOCK	BORN	MELALEUCA	LAVERY	LAVERY	LAVERY	GOODMAN	WELLARD
Lot/ Rd No.		54	171		129	54	135	121	48	48	42	92	17	101	105	123	19	
Easting (mE) Northing (mN)		393792mE 6429208mN	393825mE 6429294mN	393901mE 6429609mN	393948mE 6429583mN	393956mE 6429352mN	393956mE 6429352mN	393987mE 6429579mN	394052mE 6429302mN	394109mE 6429239mN	394111mE 6429244mN	394235mE 6431571mN	394258mE 6431571mN	394712mE 6431652mN	394888mE 6431735mN	394889mE 6431769mN	394981mE 6430977mN	385794mE 6430029mN

Area (ha)		12.76	0	0	0.33	6.22	0	0.69	0	0.28	0.62	0	0.88	0.12	0.53	0.4	1.67	0.29		
Score		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
Criteria	P6_2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P5_1	3	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3		
	P4_1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_4	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3a	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	P_3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Locality								WELLARD	WELLARD	WELLARD	WELLARD		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WOOLCOOT		
Type								RD	RD	RD	RD		DR	DR	DR	DR	DR	RD		
Road Name								WOOLCOOT	WOOLCOOT	WOOLCOOT	WOOLCOOT		ARUNDEL	ARUNDEL	ARUNDEL	ARUNDEL	ARUNDEL	WOOLCOOT		
Lot/ Rd No.								145	145	129	93		26	22	28		67			
Easting (mE) Northing (mN)		386044mE 6430900mN	390510mE 6436972mN	390510mE 6436972mN	390704mE 6436789mN	391374mE 6438539mN	392594mE 6429571mN	392604mE 429541mN	392675mE 6429437mN	392764mE 6429667mN	392841mE 6429734mN	392859mE 6429675mN	392861mE 6429483mN	392875mE 6429571mN	392896mE 6429465mN	392990mE 6429675mN	393101mE 6429807mN	393142mE 6429806mN		

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2			
393144mE 6429623mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.44
393181mE 6429764mN		ARUNDEL	DR	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.95
393199mE 6429830mN	27	CHANDLER	CL	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.73
393234mE 6429281mN	108	BRADDOCK	RD	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	1.05
393248mE 6429594mN	43	ARUNDEL	DR	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.96
393307mE 6429872mN	23	CHANDLER	CL	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	1.18
393315mE 6429907mN	21	CHANDLER	CL	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0
393327mE 6429815mN	21	CHANDLER	CL	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.81
393330mE 6429439mN	52	ARUNDEL	DR	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.98
393353mE 6429680mN	59	ARUNDEL	DR	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	1.2
393422mE 6431741mN	151	NICOLAS	DR	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	1.02
393449mE 6429739mN	27	ALEXANDER	PWY	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.27
393463mE 6431656mN	91	BORN	RD	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.01
393477mE 6429558mN	9	ALEXANDER	PWY	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.66
393501mE 6429816mN	11	CHANDLER	CL	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.67
393505mE 6429818mN	7	CHANDLER	CL	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0
393524mE 6429625mN		ALEAXANDER	PKWY	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.58

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2			
393563mE 6430466mN	14	BARKER	RD	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	1
393581mE 6430351mN	18	BARKER	RD	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	1.06
393589mE 6429766mN	27	ALEXANDER	PWY	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.57
393622mE 6429427mN	73	ARUNDEL	DR	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.8
393652mE 6430607mN	240	MORTIMER	RD	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.73
393657mE 6430696mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.03
393684mE 6431752mN	101	BORN	RD	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	1.84
393742mE 6430697mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0
393786mE 6429508mN	135	BARKER	RD	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.1
393875mE 6429401mN	171	BARKER	RD	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.34
394549mE 6430737mN	15	LAVERY	DR	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.86
394552mE 6430751mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.03
394639mE 6430728mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0
394649mE 6430738mN	343	MORTIMER	RD	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.52
394652mE 6430781mN	14	GOODMAN	DR	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	3	2	0	0	17	0.02
390615mE 6436350mN		CLEMENTI	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.57
390647mE 6432428mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.41

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
390663mE 6432422mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
390670mE 6432421mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.04
390685mE 6432990mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
390685mE 6432991mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.96
390687mE 6433002mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.12
390733mE 6436698mN	93	MANDOGALUP	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.07
390734mE 6432755mN		SULPHUR	RD	PARMELIA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	1.83
390767mE 6433089mN	530	THOMAS	RD	ORELIA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.01
390793mE 6433106mN	636	THOMAS	RD	ORELIA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
390835mE 6433097mN	8602	SULPHUR	RD	PARMELIA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.15
390837mE 6433118mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.14
390851mE 6436618mN		MANDOGALUP	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.1
390953mE 6438510mN		ROWELY	RD	MADOGALUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	2.79
390999mE 6432326mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
391036mE 6432346mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.33
391041mE 6432365mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.01
391058mE 6438608mN	10	ROWLEY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	31.67

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
391250mE 6433734mN		SPECTACLES	DR	THE SPECTA-CLES	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.43
391261mE 6433316mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.43
391290mE 6433255mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
391352mE 6438942mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
391381mE 6433519mN	24	MCDOWELL	LANE	THE SPECTA-CLES	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.49
391382mE 6433577mN	28	MCDOWELL	LANE	THE SPECTA-CLES	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.07
391411mE 6433243mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.41
391412mE 6433244mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
391414mE 6438931mN		ROWELY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.05
391447mE 6433576mN	24	MCDOWELL	LANE	THE SPECTA-CLES	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.31
391480mE 6438946mN		ROWELY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.18
391492mE 6433759mN	28	MCDOWELL	LANE	THE SPECTA-CLES	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.98
391519mE 6433776mN		McDOWELL	LN	THE SPECTA-CLES	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.45
391525mE 6433615mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
391527mE 6433584mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	2.15
391529mE 6438948mN		ROWELY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.05
391638mE 6438895mN		ROWELY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.2

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
391720mE 6438956mN		ROWELY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
391721mE 6438955mN		ROWELY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.24
391753mE 6438607mN		BECKER	LOOP	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	1.96
391869mE 643240mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
391906mE 6432386mN	46	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.08
391959mE 6432576mN	56	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	1.83
391971mE 6435492mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.06
391988mE 6435226mN	48	TREEBY	RD	ANKETELL	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.52
392008mE 6435137mN	56	TREEBY	RD	ANKETELL	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.48
392009mE 6432542mN	60	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.72
392156mE 6432276mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
392199mE 6432281mN	129	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.71
392230mE 6432661mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	2.63
392230mE 6432661mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
392317mE 6435687mN	651	ANKETELL	RD	WANDI	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	3.26
392337mE 6435351mN	686	ANKETELL	RD	ANKETELL	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	2.1
392355mE 6432607mN	92	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	2.6

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
392375mE 6432386mN	96	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.69
392389mE 6435438mN	28	TREEBY	RD	ANKETELL	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.39
392400mE 6432641mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
392407mE 6432263mN	38	LANDGREN	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.66
392421mE 6435665mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
392443mE 6435567mN	28	TREEBY	RD	ANKETELL	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	2.02
392446mE 6432639mN	96	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.21
392449mE 6435506mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0
392506mE 6432575mN	96	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.01
392508mE 6432407mN	110	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	1.27
392509mE 6432642mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.02
392521mE 6435924mN	21	KENBY	CH	WANDI	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.42
392625mE 6435968mN	21	KENBY	CH	WANDI	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.32
392639mE 6432549mN	110	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	1.11
392640mE 6432441mN	110	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.49
392640mE 6432416mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.05
392642mE 6432639mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.05

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2	Score	Area (ha)
392646mE 6432530mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.05
392675mE 6432414mN	126	ORTON	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.35
392678mE 6435372mN	734	ANKETELL	RD	ANKETELL	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	2.57
392692mE 6435847mN	692	LYON	RD	WANDI	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.93
392735mE 6435871mN	692	LYON	RD	WANDI	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	0.94
392841mE 6435331mN	35	TREEBY	RD	ANKETELL	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	16	1.02
394031mE 6429700mN					1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	0.02
394120mE 6429793mN					1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	0
394137mE 6429789mN					1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	0
394200mE 6429747mN	6	BALKA	CT	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	0.86
394201mE 6429748mN					1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	0.01
394209mE 6429774mN	3	BALKA	CT	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	1.4
394232mE 6429958mN	9	BALKA	CT	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	0
394319mE 6429857mN	9	BALKA	CT	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	1.07
394328mE 6428515mN	31	SHOULDER	CL	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	0.13
394421mE 6428538mN	30	SHOULDER	CL	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	0	16	1.02
385735mE 6432183mN	1059	WELLARD	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	3	2	0	1	15	1.28

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2	Score	Area (ha)
385740mE 6431792mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	3	2	0	1	15	0.69
385813mE 6431817mN		WELLARD	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	3	2	0	1	15	2.38
385843mE 6431178mN		WELLARD	RD	LEDA	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	3	2	0	1	15	2.34
386212mE 6430033mN		WELLARD	RD	LEDA	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	3	2	0	1	15	27.9
386262mE 6430416mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	3	2	0	1	15	0.07
386262mE 6430416mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	3	2	0	1	15	0.07
386262mE 6430416mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	3	2	0	1	15	0.07
389168mE 6438236mN	325	MANDOGALUP	RD	HOPE VALLEY	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	0	2	0	1	15	1.48
389177mE 6438216mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	0	2	0	1	15	0.33
389191mE 6438113mN	317	MANDOGALUP	RD	HOPE VALLEY	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	0	2	0	1	15	1.72
389249mE 6438058mN	311	MANDOGALUP	RD	HOPE VALLEY	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	0	2	0	1	15	0.88
389272mE 6438037mN	297	MANDOGALUP	RD	HOPE VALLEY	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	0	2	0	1	15	1.66
389536mE 6438130mN	289	MANDOGALUP	RD	HOPE VALLEY	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	0	2	0	1	15	1.74
389540mE 438040mN	271	MANDOGALUP	RD	HOPE VALLEY	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	0	2	0	1	15	0.05
390044mE 6437371mN		MANGDOGA-LUP	RD	HOPE VALLEY	0	0	0	0	2	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	15	26.12
390223mE 6436337mN					0	0	0	0	2	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	15	0
390230mE 6431437mN		CAMPDEM	LP	PARMELIA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.02

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																						Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
390284mE 6431571mN		CAMPDEN	LP	PARMELIA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.15
390538mE 64318833mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0
390548mE 6431911mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.36
390551mE 6431922mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.01
390554mE 6431868mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.03
390580mE 6431868mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0
390626mE 6432075mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.01
390789mE 6429028mN		HUNTINGTON	AVE		1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.34
390870mE 6437553mN	67	NORKETT	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.22
390913mE 6437631mN	67	NORKETT	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.03
390960mE 6436481mN		MANDOGALUP	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.28
390965mE 6436402mN	57	MANDOGALUP	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.62
390973mE 6438923mN	10	ROWLEY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0
390979mE 6438935mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.22
391016mE 6436450mN	56	MANDOGALUP	RD	MANDOGALUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.21
391067mE 6435949mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	1.96
391084mE 6436408mN	56	MANDOGALUP	RD	MANDOGALUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.71

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																						Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
391107mE 6435838mN	577	ANKETELL	RD	MANDOGALUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.41
391118mE 6432921mN	8601	SULPHUR	RD	BERTRAM	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	3.84
391237mE 6435761mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.01
391255mE 6429036mN		McWHIRTER	PROM		1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.17
391416mE 6433224mN		JOHNSON	RD	BERTRAM	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.12
391424mE 6432702mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0
391424mE 6432698mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0
391589mE 6429598mN		MOONSTONE	PKWY	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.38
391713mE 6429384mN		AURORA	CL	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.1
391747mE 6435659mN		ANKETELL	RD		1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.08
391760mE 6438943mN		ROWELY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.18
391775mE 6432904mN		KWINANA	FWY	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	1.15
391782mE 6429391mN		INDIGO	BD	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.04
391798mE 6438361mN					1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	10.55
391810mE 6433396mN		THOMAS	RD	CASUARINA	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.58
391869mE 6438902mN		ROWELY	RD	MANDOGA-LUP	1	3	0	0	0	4	0	1	0	0	0	0	0	2	0	2	0	0	2	0	0	15	0.17

Area (ha)		0.44	0.51	0.05	1.33	0.17	0.3	2.12	2.09	0.32	0	0.18	0.62	0	0.35	0	0.15
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality		WELLARD		MANDOGA-LUP		MANDOGA-LUP	WANDI		WELLARD			ANKETELL		ANKETELL	CASUARINA		CASUARINA
Type		RD		RD		RD	RD	RD	RD			RD	RD	RD	RD		RD
Road Name		MILLAR		ROWELY		ROWLEY	ANKETELL	HOFFMAN	MILLAR			TREEBY	HOFFMAN	TREEBY	THOMAS		THOMAS
Lot/ Rd No.		593					651		593			74		82			
Easting (mE) Northing (mN)		391892mE 6429351mN	391899mE 6437314mN	391934mE 6438898mN	391961mE 6437125mN	391966mE 6438874mN	391987mE 6435715mN	392002mE 6437456mN	392107mE 6429398mN	392122mE 6429490mN	392127mE 6429440mN	392133mE 6434960mN	392136mE 6437384mN	392137mE 6434885mN	392140mE 6433342mN	392147mE 6435878mN	392155mE 6433488mN

Area (ha)		0	0.14	12.65	0.16	1.4	0.9	0.18	0.5	0.35	1.73	0	0.13	0.16	0.29	0.81	0.14		
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P4_1	1	1	1	0	0	0	0	0	1	0	0	0	1	0	1	0		
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_4	0	0	0	1	1	1	1	1	0	1	0	1	0	1	0	1		
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Locality			CASUARINA	WELLARD	ANKETELL	CASUARINA	WANDI	ANKETELL	ANKETELL	CASUARINA	WANDI		WANDI	CASUARINA		CASUARINA	WANDI		
Type			RD	RD	RD	RD	CH	RD	RD	RD	FWY		LP	RD		RD	CH		
Road Name			ORTON	WOOLCOOT	TREEBY	ORTON	KENBY	TREEBY	THOMAS	LANDGREN	KWINANA		ATALAYA	LANDGREN		LANDGREN	KENBY		
Lot/ Rd No.			129		74		25	74	793	46				38		64	25		
Easting (mE) Northing (mN)		392160mE 6432031mN	392202mE 6432063mN	392204mE 6429458mN	392221mE 6434969mN	392279mE 6432954mN	392287mE 6436097mN	392300mE 6434974mN	392322mE 6433709mN	392334mE 6432209mN	392342mE 6438354mN	392342mE 6438356mN	392365mE 6436245mN	392434mE 6432254mN	392437mE 6433490mN	392440mE 6432009mN	392466mE 6435968mN		

Area (ha)		0.4	4.87	0	0.33	0	0.14	0.89	0.37	1.19	0.3	0.69	0.26	0.1	0	1.25	0.26
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	1	1	1	0	0	1	0	0	1	0	0	1	1	1	0	1
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	1	1	0	1	1	0	1	1	0	0	0	1	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality		WELLARD	WELLARD		ANKETELL	ANKETELL	CASUARINA		CASUARINA	WELLARD	WANDI		WELLARD	WELLARD			WELLARD
Type		RD	RD		RD	RD	RD		RD	RD	CH		PL	RD			RD
Road Name		WOOLCPPT	MILLAR		THOMAS	THOMAS	LANDGREN		ORTON	MILLAR	KENBY		NELLA	WOOLCOOT			WOOLCOOT
Lot/ Rd No.			619		811	819	46		105	619	25		6	185			185
Easting (mE) Northing (mN)		392473mE 6429517mN	392477mE 6428634mN	392481mE 6428642mN	392484mE 6433782mN	392485mE 6433779mN	392499mE 6432233mN	392506mE 6433169mN	392515mN 6432865mN	392534mE 6428988mN	392553mE 6435996mN	392605mE 6433194mN	392637mE 6429138mN	392638mE 6429095mN	392663mE 6432216mN	392664mE 6432715mN	392674mE 6429040mN

Area (ha)		0.07	0.39	0.7	0.54	0.26	0.17	0.42	0.65	0.26	0.03	1.37	0.07	0	0.31	0.18	1.14
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality		WELLARD	CASUARINA	CASUARINA	CASUARINA	CASUARINA	WELLARD	CASUARINA					WELLARD		WELLARD	WELLARD	WELLARD
Type		RD	RD	RD	RD	RD	RD	RD					RD		PL	RD	RD
Road Name		WOOLCOOT	LANDGREN	LANDGREN	LANDGREN	LANDGREN	BRADDOCK	LANDGREN					BRADDOCK		SHIPSEY	BRADDOCK	BRADDOCK
Lot/ Rd No.		185	45	57	57	57	173	57					128		20	149	141
Easting (mE) Northing (mN)		392695mE 6429087mN	392753mE 6432206mN	392772mE 6432053mN	392797mE 6432053mN	392961mE 6432124mN	393019mE 6428733mN	393041mE 6432128mN	393112mE 6428750mN	393132mE 6428882mN	393205mE 6428828mN	393210mE 6428850mN	393221mE 6428883mN	393224mE 6428888mN	393338mE 6428519mN	393367mE 6428679mN	393392mE 6428791mN

Area (ha)		0.92	0	0	0.2	0.01	0	0	1.61	1.3	0	1.71	0	1.53	0	1.36	0.01		
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P4_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Locality		WELLARD	WELLARD		WELLARD				WELLARD	WELLARD		WELLARD	WELLARD	WELLARD		WELLARD			
Type		RD	PL		RD				RD	RD		PL	PL	PL		PL			
Road Name		BRADDOCK	SHIPSEY		BRADDOCK				BARKER	BRADDOCK		SHIPSEY	SHIPSEY	SHIPSEY		SHIPSEY			
Lot/ Rd No.		125	4		125				181	94		20	21	16		4			
Easting (mE) Northing (mN)		393395mE 6428803mN	393414mE 6428827mN	393423mE 6428972mN	393431mE 6428967mN	393447mE 6428953mN	393465mE 6428985mN	393472mE 6428984mN	393548mE 6428975mN	393569mE 6428973mN	393570mE 6428972mN	393570mE 6428737mN	393588mE 6428719mN	393590mE 6428836mN	393590mE 6428817mN	393595mE 6428859mN	393599mE 6428859mN		

Area (ha)		0	0.18	1	0.71	0	2.02	1.05	0.66	0	0.4	1.49	0	0	0.14	0.12	0.05		
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P4_1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1		
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_8	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0		
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Locality			WELLARD	WELLARD	WELLARD		WELLARD	WELLARD	WELLARD		WELLARD	WELLARD		WELLARD	WELLARD	WELLARD	WELLARD		
Type			PL	RD	PL		PL	RD	RD		RD	RD		RD	RD	RD	RD		
Road Name			SHIPSEY	BRADDOCK	SHIPSEY		SHIPSEY	BRADDOCK	BARKER		DUCKPOND	BARKER			BRADDOCK	BRADDOCK	BRADDOCK		
Lot/ Rd No.			21	74	21		13	79	43		210	88			5	5	31		
Easting (mE) Northing (mN)		393599mE 6428738mN	393733mE 6428700mN	393747mE 6429161mN	393774mE 6428657mN	393781mE 6429059mN	393838mE 6428796mN	393882mE 6428894mN	394011mE 6430351mN	394012mE 6430350mN	394015mE 6428588mN	394039mE 6429731mN	394099mE 6429794mN	394106mE 6429829mN	394147mE 6428692mN	394186mE 6428754mN	394204mE 6429037mN		

Area (ha)		0.21	0.11	0.68	0	0.25	0.45	0.16	0	0.22	0.76	0.38	0	1.07	0.64	1.32	0.14	
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		WELLARD		WELLARD		WELLARD		WELLARD		WELLARD		WELLARD		WELLARD		WELLARD		
Type		RD		CT		RD		CT		RD		RD		CT		CT		
Road Name		BRADDOCK		BALKA		BRADDOCK		BALKA		BRADDOCK		BANKSIA		BALKA		BALKA		
Lot/ Rd No.		23		10		5		10		23		95		17		16		
Easting (mE) Northing (mN)		394227mE 6428876mN	394236mE 6428699mN	394246mE 6429740mN	394247mE 6429742mN	394260mE 6428716mN	394276mE 6428705mN	394296mE 6429734mN	394296mE 6429735mN	394301mE 6429008mN	394305mE 6428794mN	394307mE 6428846mN	394314mE 6429731mN	394327mE 6429761mN	394347mE 6429589mN	394366mE 6429705mN	394396mE 6429639mN	

Area (ha)		0.26	0	0.45	0.86	0.44	0.69	0.19	0.42	0.32	0.79	0.16	1.25	0.26	0.86	0.79	0.08	
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		WELLARD		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	CASUARINA	CASUARINA	
Type		CT		RD	RD	CT	CT	RD	RD	RD	RD	RD	CT	RD	RD	DR	DR	
Road Name		BALKA		LYDON	BANKSIA	BALKA	BALKA	LYDON	LYDON	LYDON	MORTIMER	LYDON	WILKINSON	LYDON	LYDON	LAVERY	GOODMAN	
Lot/ Rd No.		24		85	87	23	23	67	78	67	356	70	20	67	70	95	38	
Easting (mE) Northing (mN)		394438mE 6429629mN	394464mE 6430115mN	394467mE 6430031mN	394473mE 6428697mN	394504mE 6429820mN	394510mE 6429843mN	394597mE 6429929mN	394646mE 6430298mN	394652mE 6429988mN	394668mE 6430507mN	394669mE 6430078mN	394671mE 6430312mN	394683mE 6429915mN	394695mE 6430151mN	394709mE 6431636mN	394783mE 6431194mN	

Area (ha)		0.81	0.5	0.58	0.23	0.02	0.44	0.47	0	0	0.68	0	1.16	0.21	1.17	0.03	0.42
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality		CASUARINA	WELLARD	CASUARINA	WELLARD	WELLARD	WELLARD	WELLARD	CASUARINA		WELLARD		WELLARD	CASUARINA	CASUARINA	CASUARINA	CASUARINA
Type		DR	RD	DR	RD	CT	RD	CT	DR		RD		RD	DR	DR	DR	DR
Road Name		GOODMAN	LYDON	LAVERY	LYDON	WILKINSON	LYDON	WILKINSON	LAVERY		MORTIMER		LYDON	LAVERY	LAVERY	LAVERY	LAVERY
Lot/ Rd No.		56	60	106	55	19	60	19	105		366		42	114	111	123	114
Easting (mE) Northing (mN)		394795mE 6431184mN	394798mE 6430044mN	394806mE 6431354mN	394807mE 6430001mN	394821mE 6430486mN	394828mE 6430184mN	394828mE 6430317mN	394832mE 6431642mN	394834mE 6430028mN	394870mE 6430579mN	394872mE 6430600mN	394881mE 6430068mN	394887mE 6431454mN	394890mE 6431544mN	394892mE 6431634mN	394898mE 6431264mN

Area (ha)		0.74	0.48	0	0.37	1.29	0.53	0.44	0.3	0.72	0.47	0.79	0.5	1.42	0	0.79	0.28	
Score		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		WELLARD	WELLARD			WELLARD	CASUARINA	CASUARINA	CASUARINA	CASUARINA	WELLARD	CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA
Type		CT	CT			RD	DR	DR	DR	RD	RD	RD	RD	RD	RD	DR	RD	RD
Road Name		WILKINSON	WILKINSON			LYDON	LAVERY	LAVERY	LAVERY	CASUARINA	LYDON	CASUARINA	CASUARINA	LAVERY	CASUARINA	LAVERY	CASUARINA	CASUARINA
Lot/ Rd No.		9	9			14	123	123	135	166	20	158	188	124	158	135	158	
Easting (mE) Northing (mN)		394903mE 6430640mN	394908mE 6430527mN	394918mE 6429861mN	394920mE 6429850mN	394924mE 6430229mN	394946mE 6431663mN	394963mE 6431769mN	394974mE 6431608mN	394982mE 6431168mN	394994mE 6430058mN	394998mE 6431346mN	395019mE 6430970mN	395021mE 6431356mN	395049mE 6431347mN	395051mE 6431771mN	395074mE 6431345mN	

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
395095mE 6431527mN	138	LAVERY	DR	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	1.29
395095mE 6431530mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.01
395138mE 6431253mN	166	CASUARINA	RD	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.26
395143mE 6431122mN	180	CASUARINA	RD	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	1.29
395144mE 6430971mN	188	CASUARINA	RD	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.13
395145mE 6431682mN	141	LAVERY	DR	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.82
395146mE 6431003mN	188	CASUARINA	RD	CASUARINA	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.35
395147mE 6431773mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.01
395147mE 6431520mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.03
395149mE 6431344mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0
395154mE 6430580mN	242	CASUARINA	RD	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0.99
395158mE 6430345mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	0
395158mE 6430432mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	15	3.03
386821mE 6437036mN	192	HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	3	2	0	1	14	6.44
386973mE 6436721mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	3	2	0	1	14	0.05
387040mE 6437049mN	198	HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	3	2	0	1	14	1.44

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
387213mE 6436870mN	140	HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	3	2	0	1	14	9.97
387220mE 6437024mN	198	HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	3	2	0	1	14	0.58
387222mE 6436714mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	3	2	0	1	14	0
38730mE 6436916mN	268	HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	1	3	2	0	1	14	0.92
391006mE 6431886mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0.03
391006mE 6431886mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0.01
391007mE 6431886mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0
391302mE 6432147mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0
391308mE 6432179mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0.01
391308mE 6432179mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0.01
391423mE 6430977mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0
391427mE 6430977mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0
391432mE 6431101mN					1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0.06
391619mE 6430430mN	236	SAPPHIRE	CH	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0
391624mE 6430430mN	238	SAPPHIRE	CH	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0
391641mE 6430430mN	240	SAPPHIRE	CH	WELLARD	1	3	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	14	0

Area (ha)		0.12	0	8.26	0.01	0.26	0	0.02	1.17	0.85	0.04	0.03	1.03	1.03	0.92	0.01	0.97		
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Locality				CASUARINA			CASUARINA			CASUARINA	CASUARINA	CASUARINA		CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA
Type				RD			RD			PL	DR	DR		PL	DR	PL	RD	RD	
Road Name				MORTIMER			ORTON			LUGG	NICOLAS	NICOLAS		LUGG	NICOLAS	LUGG	LANDGREN	LANDGREN	
Lot/ Rd No.				91			129			35	41	33		29	57	11	84	74	
Easting (mE) Northing (mN)		391641mE 6430430mN	391987mE 6431520mN	392037mE 6430888mN	392162mE 6431866mN	392168mE 6431912mN	392199mE 6430498mN	392199mE 6430496mN	392231mE 6431726mN	392242mE 6431260mN	392248mE 6431137mN	392305mE 6430678mN	392318mE 6431612mN	392319mE 6431336mN	392337mE 6431389mN	392353mE 6431845mN	392358mE 6431916mN		

Area (ha)		0.16	0.42	0	0.01	0	0.62	0.87	0.01	1.38	0	0.64	0.93	0	0.01	1.56	0	1.3	
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		CASUARINA	WELLARD	WELLARD			CASUARINA	WELLARD		CASUARINA	CASUARINA	CASUARINA	CASUARINA		CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA
Type		PL	RD	RD			PL	RD		RD	DR	PL	DR		RD	RD	RD	RD	
Road Name		LUGG	MORTIMER	MORTIMER			LUGG	WOOLCOOT		LANDGREN	NICOLAS	LUGG	NICOLAS		LANDGREN	LANDGREN	LANDGREN	LANDGREN	
Lot/ Rd No.		34	110	136			21			84	32	34	42		77	85	57	85	
Easting (mE) Northing (mN)		392377mE 6431743mN	392391mE 6430670mN	392397mE 6430629mN	392423mE 6431139mN	392429mE 6431455mN	392430mE 6431446mN	392462mE 6429794mN	392482mE 6431296mN	392510mE 6431763mN	392558mE 6431096mN	392598mE 6431748mN	392628mE 6431185mN	392668mE 6431766mN	392767mE 6431849mN	392876mE 6431826mN	392882mE 6432044mN	393089mE 6431842mN	

Area (ha)		0.26	0.89	0.25	1.19	0.86	0.01	0.85	0.74	0.38	0.72	0.57	0.71	0	1.16	0	0.7	0.11	
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		WELLARD	WELLARD	CASUARINA	CASUARINA	CASUARINA		CASUARINA	CASUARINA	CASUARINA	WELLARD		CASUARINA		CASUARINA		CASUARINA	WELLARD	
Type		PL	DR	DR	DR	DR		DR	DR	DR	DR		DR		DR		RD	CL	
Road Name		NELLA	MCKEIG	NICOLAS	NICOLAS	NICOLAS		NICOLAS	NICOLAS	NICOLAS	ARUNDEL		NICOLAS		NICOLAS		MORTIMER	CHANDLER	
Lot/ Rd No.		51	1	131	122	136		186	192	206	40		180		168		223	55	
Easting (mE) Northing (mN)		393096mE 6429257mN	393097mE 6430321mN	393117mE 6431558mN	393133mE 6431531mN	393144mE 6431391mN	393156mE 6431533mN	393165mE 6431075mN	393193mE 6431060mN	393209mE 6430975mN	393215mE 6429478mN	393215mE 6431746mN	393237mE 6431248mN	393237mE 6431248mN	393251mE 6431309mN	393255mE 6431317mN	393275mE 6430872mN	393283mE 6429999mN	

Area (ha)		0.81	0.23	0.12	0.99	1.15	0.87	0.37	0.13	0.32	0.28	0.13	1.01	0.06	0.66	0.78	0.37	0.03	
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		CASUARINA		WELLARD	CASUARINA	WELLARD	CASUARINA	CASUARINA	CASUARINA	WELLARD	CASUARINA	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	
Type		DR		DR	DR	CT	DR	DR	DR	DR	RD	DR	RD	DR	DR	CT	CT	DR	
Road Name		NICOLAS		MCKEIG	NICOLAS	BRUCE	NICOLAS	NICOLAS	NICOLAS	MCKEIG	BORN	MCKEIG	MORTIMER	MCKEIG	MCKEIG	BRUCE	BRUCE	MCKEIG	
Lot/ Rd No.		149		25	155	24	163	193	171	26	25	37	234	37	37	23	23	51	
Easting (mE) Northing (mN)		393316mE 6431742mN	393325mE 6431035mN	393416mE 6430331mN	393420mE 6431511mN	393421mE 6430344mN	393428mE 6431322mN	393432mE 6431082mN	393435mE 6431270mN	393450mE 6430034mN	393452mE 6430962mN	393497mE 6430221mN	393514mE 6430674mN	393527mE 6430184mN	393531mE 6430328mN	393547mE 6430443mN	393551mE 6430344mN	393557mE 6430233mN	

Area (ha)		0.87	0.34	0.05	1.07	0.17	1.23	1	0.21	1.52	0.14	0.32	0	1.01	1.41	2.21	0.86	0.06		
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Locality		WELLARD	CASUARINA	WELLARD	WELLARD	CASUARINA	CASUARINA	CASUARINA	WELLARD	CASUARINA	WELLARD	CASUARINA	WELLARD	WELLARD	WELLARD	CASUARINA	WELLARD	CASUARINA		
Type		DR	RD	DR	DR	CL	RD	RD	DR	RD	PWY	RD	PWY	PWY	DR	RD	PWY	RD		
Road Name		MCKEIG	BORN	MCKEIG	MCKEIG	CHANDLER	BORN	BORN	MCKEIG	BORN	ALEXANDER	BORN	ALEXANDER	ALEXANDER	MCKEIG	BORN	ALEXANDER	BORN		
Lot/ Rd No.		51	47	51	40		79	25	51	91	64	27	44	54	69	19	64	101		
Easting (mE) Northing (mN)		393561mE 6430244mN	393565mE 6431237mN	393584mE 6430178mN	393615mE 6430023mN	393618mE 6429999mN	393625mE 6431547mN	393628mE 6430935mN	393630mE 6430203mN	393649mE 6431650mN	393650mE 6430147mN	393658mE 6431023mN	393662mE 6429855mN	393665mE 6429867mN	393677mE 6430199mN	393693mE 6430918mN	393734mE 6430128mN	393760mE 6431764mN		

Area (ha)		0.25	0.12	0.06	0	0.02	0.27	0.43	0.02	2.89	0.01	0	0.06	0.12	0.07	1.46	0	0.94		
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Locality		WELLARD	CASUARINA	CASUARINA	CASUARINA		CASUARINA	CASUARINA		CASUARINA	CASUARINA	WELLARD		WELLARD		WELLARD	WELLARD	CASUARINA	WELLARD	
Type		PWY	RD	RD	RD		RD	RD		RD	RD	RD		PWY		DR	DR	RD	DR	
Road Name		ALEXANDER	BORN	BORN	BORN		BORN	BORN		BORN	BORN	BARKER		ALEXANDER		MCKEIG	MCKEIG	BORN	MCKEIG	
Lot/ Rd No.		40	101	91	69		79	27		59	35	11		40		78	88	46	88	
Easting (mE) Northing (mN)		393769mE 6429850mN	393781mE 6431660mN	393786mE 6431659mN	393786mE 6431345mN	393816mE 6431683mN	393820mE 6431462mN	393823mE 6431025mN	393823mE 6431329mN	393824mE 6431256mN	393826mE 6431156mN	393827mE 6430575mN	393828mE 6431462mN	393831mE 6429785mN	393832mE 6431152mN	393852mE 6430171mN	393852mE 6431136mN	393876mE 6430125mN		

Area (ha)		0.21	0.32	0	0.44	0.05	0.45	0.72	1.23	0.03	0.28	1.38	1.06	0.74	0.81	0.24	0.05	0.01	
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		WELLARD	CASUARINA	CASUARINA	CASUARINA		WELLARD	WELLARD	WELLARD		WELLARD	WELLARD	CASUARINA	WELLARD	CASUARINA	WELLARD			
Type		PWY	RD	RD	RD		RD	RD	RD		DR	DR	RD	PWY	RD	RD			
Road Name		ALEXANDER	BORN	BORN	BORN		BARKER	BARKER	BARKER		MCKEIG	MCKEIG	BORN	ALEXANDER	BORN	MORTIMER			
Lot/ Rd No.		44	60	92	20		11	27	34		88	81	34	44	46	284			
Easting (mE) Northing (mN)		393883mE 6429857mN	393887mE 6431313mN	393903mE 6431556mN	393909mE 6430918mN	393927mE 6430706mN	393927mE 6430699mN	393932mE 6430579mN	393937mE 6430426mN	393938mE 6430430mN	393943mE 6430147mN	393952mE 6430217mN	393954mE 6431132mN	393959mE 6429999mN	393993mE 6431232mN	394004mE 6430700mN	394004mE 6430703mN	394022mE 6430226mN	

Area (ha)		0.17	0.02	1.01	0	0	0.27	1.22	0.01	0	0.31	0.98	0.01	0	0.63	0.05	0.28	1.57	
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		CASUARINA		WELLARD		CASUARINA	CASUARINA	WELLARD		CASUARINA	CASUARINA	WELLARD	WELLARD		CASUARINA	WELLARD	WELLARD	WELLARD	CASUARINA
Type		RD		RD		RD	RD	RD		RD	RD	RD	RD		RD	RD	RD	RD	RD
Road Name		BORN		BARKER		BORN	BORN	BARKER		ORTON	BORN	BARKER	BARKER		BORN	LYDON	BARKER	LYDON	BORN
Lot/ Rd No.		26		55		60	92	66		288	92	66	78		68	129	55	120	20
Easting (mE) Northing (mN)		394022mE 6431033mN	394027mE 6430226mN	394037mE 6430247mN	3940478mE 6430129mN	394049mE 6431768mN	394055mE 6431572mN	394058mE 6430099mN	394059mE 6430099mN	394060mE 6431243mN	394077mE 6430125mN	394081mE 6429961mN	394097mE 6429915mN	394110mE 6431454mN	394113mE 6429992mN	394121mE 6430199mN	394125mE 6430167m	394137mE 6430918mN	

Area (ha)		0.5	0	0	1.7	1.52	0.85	0.03	0.69	2.25	0	0	0.54	0.11	2.84	0	1.37	2.41
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality		CASUARINA	BORN	THORNE	WELLARD	LYDON	WELLARD	CASUARINA	BORN	CASUARINA	WELLARD	LYDON	CASUARINA	CASUARINA	CASUARINA	BORN	CASUARINA	CASUARINA	CASUARINA	WELLARD	CASUARINA
Type		RD	RD	PL	RD	PL	RD	RD	RD	RD	RD	RD	CL	CL	RD	RD	RD	RD	CL	RD	RD
Road Name		BORN	THORNE	WELLARD	LYDON	THORNE	BORN	LYDON	BORN	LYDON	WELLARD	BORN	MELALEUCA	MELALEUCA	BORN	BORN	BORN	BORN	MELALEUCA	LYDON	BORN
Lot/ Rd No.		34	22	120	22	46	120	92	129	102	21	17	34	46	80	5	111	6
Easting (mE) Northing (mN)		394151mE 6431128mN	394156mE 6430307mN	394156mE 6430300mN	394171mE 6430309mN	394180mE 6431236mN	394200mE 6430191mN	394230mE 6431665mN	394231mE 6430003mN	394231mE 6431753mN	394233mE 6431739mN	394234mE 6431685mN	394235mE 6431050mN	394236mE 6431151mN	394236mE 6431529mN	394237mE 6431542mN	394242mE 6429971mN	394245mE 6430800mN

Area (ha)		0	1.32	1.07	1.59	1.33	0.93	0.9	1.19	0.02	0.18	0.23	0	1.06	0.94	1.09	0.14	0.74
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality		CASUARINA	CASUARINA	CASUARINA	CASUARINA	WELLARD	CASUARINA	CASUARINA	WELLARD		CASUARINA	WELLARD	CASUARINA	CASUARINA	WELLARD	CASUARINA	CASUARINA	CASUARINA	CASUARINA	WELLARD	
Type		RD	DR	DR	DR	RD	DR	RD	RD		RD	PL	PL	CL	RD	DR	CL	PL			
Road Name		MORTIMER	LAVERY	LAVERY	LAVERY	LYDON	LAVERY	MORTIMER	LYDON		MORTIMER	THORNE	THORNE	MELALEUCA	LYDON	LAVERY	MELALEUCA	THORNE			
Lot/ Rd No.		317	39	59	29	106	73	317	95		319	24	25	21	88	49	21	24			
Easting (mE) Northing (mN)		394248mE 6430819mN	394255mE 6431027mN	394258mE 6431244mN	394263mE 6430934mN	394266mE 6430175mN	394307mE 6431442mN	394346mE 6430732mN	394347mE 6429956mN	394357mE 6430140mN	394371mE 6430734mN	394390mE 6430401mN	394407mE 6430312mN	394408mE 6431719mN	394408mE 6430156mN	394413mE 6431154mN	394414mE 6431672mN	394417mE 6430469mN			

Area (ha)		0	0	0.08	0.68	0.3	1.08	0	1.03	0.02	0.98	0.17	1.05	0.92	0.96	1.37	1.25	0
Score		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Locality					CASUARINA	CASUARINA	CASUARINA		CASUARINA		CASUARINA	CASUARINA	WELLARD	CASUARINA	CASUARINA	CASUARINA	CASUARINA	CASUARINA	WELLARD
Type					CL	RD	CL		CL		CL	DR	PL	DR	DR	DR	DR	DR	PL
Road Name					MELALEUCA	MORTIMER	MELALEUCA		MELALEUCA		MELALEUCA	LAVERY	THORNE	LAVERY	LAVERY	LAVERY	LAVERY	LAVERY	THORNE
Lot/ Rd No.					17	319	16		5		10	15	25	50	60	32	64	21	
Easting (mE) Northing (mN)		394418mE 6431688mN	394423mE 6431135mN	394427mE 6431121mN	394436mE 6431522mN	394438mE 6430902mN	394453mE 6431628mN	394456mE 6431417mN	394474mE 6431453mN	394474mE 6431453mN	394505mE 6431474mN	394526mE 6430937mN	394536mE 6430312mN	394458mE 6431134mN	394633mE 6431244mN	394633mE 6431097mN	394634mE 6431342mN	394651mE 6430341mN	

Area (ha)		0.6	0.3	0.77	0.53	0	0.05	0.53	0.34	0	0	0.05	0.05	0.03	0.04	0.04	0.04	0.02	
Score		14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	
Criteria	P6_2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	
	P1_2a	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	
Locality		WELLARD	CASUARINA	CASUARINA	CASUARINA	CASUARINA		CASUARINA	CASUARINA			WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	
Type		PL	DR	DR	DR	DR		DR	RD	DR		CT	CT	COVE	CNR	COVE	LANE	CNR	
Road Name		THORNE	GOODMAN	GOODMAN	GOODMAN	GOODMAN		GOODMAN	MORTIMER	GOODMAN		MELFORD	MELFORD	HINTON	AMPTON	HINTON	SPINNER	AMPTON	
Lot/ Rd No.		21	20	38	5			56	375	19		11	10	9	14	10	14	16	
Easting (mE) Northing (mN)		394653mE 6430354mN	394656mE 6431054mN	394751mE 6431247mN	394792mE 6430852mN	394818mE 6431167mN	394818mE 6431169mN	394896mE 6430847mN	394983mE 6430967mN	395091mE 6429571mN	395092mE 6429572mN	389295mE 6429065mN	389301mE 6429033mN	389306mE 6429004mN	389307mE 6429090mN	389312mE 6428970mN	389323mE 6429033mN	389324mE 6429111mN	

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
389337mE 6429075mN	12	SPINNER	LANE	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.05
389337mE 6429075mN	12	SPINNER	LANE	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.05
389349mE 6429131mN	18	AMPTON	CNR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.01
389350mE 6428945mN	16	SPINNER	LANE	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.08
389366mE 6429116mN	10	SPINNER	LANE	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.06
389370mE 6429148mN	6	ASHBY	GR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.01
389391mE 6429165mN	5	ASHBY	GR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.03
389403mE 6429137mN	8	SPINNER	LANE	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.1
389406mE 6429344mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.01
389409mE 6429522mN	28	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.05
389412mE 6429491mN	149	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.01
389412mE 6428973mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0
389417mE 6429463mN	153	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0
389418mE 6429187mN	3	ASHBY	GR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.06
389419mE 6429455mN	30	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.08
389426mE 6429419mN	32	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.08
389428mE 6429165mN	6	SPINNER	LANE	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.05

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
389430mE 6429318mN	24	WALPOLE	WAY	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.09
389431mE 6429392mN	34	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.05
389434mE 6429285mN	22	WALPOLE	WAY	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.04
389436mE 6429269mN	20	WALPOLE	WAY	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0
389437mE 6429261mN	40	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.08
389442mE 6429219mN	42	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.09
389442mE 6429217mN	44	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.16
389458mE 6429181mN	4	SPINNER	LANE	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.02
389460mE 6429329mN	38	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.06
389504mE 6429373mN	36	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.09
389511mE 6429215mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0
389521mE 6429204mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0
389529mE 6429184mN	46	SILVERSMITH	ST	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0.07
389530mE 6429189mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	1	0	2	0	1	13	0
389851mE 6435573mN		ANKETELL	RD		0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	0.25
390157mE 6432721mN	15	DURRANT	AV	PARMELIA	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	1.53
390184mE 6432634mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	0.03

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
390214mE 6432608mN	35	HEFRON	WAY	PARMELIA	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	0
390219mE 6432604mN	15	DAWSON	WAY	PARMELIA	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	0
390221mE 6435793mN		ANKETELL	RD		0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	0.17
390229mE 6432597mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	0.21
390276mE 6432620mN	15	DURRANT	AV	PARMELIA	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	0.53
390484mE 6432988mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	0
390493mE 6432969mN		SULPHUR	RD	PARMELIA	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	1	13	2.92
389284mE 6429764mN	109	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.05
389289mE 6429731mN	113	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.05
389290mE 6429795mN	105	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.03
389294mE 6429702mN	117	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.04
389296mE 6429824mN	101	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.03
389309mE 6429691mN	121	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.04
389310mE 6429677mN	125	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.02
389315mE 6429871mN	97	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01
389317mE 6429870mN	18	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.1
389319mE 6429660mN	28	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
389324mE 6429727mN	26	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.03
389327mE 6429894mN	93	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01
389327mE 6429624mN	129	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.02
389329mE 6429764mN	24	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.08
389330mE 6429799mN	22	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.09
389330mE 6429910mN	89	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01
389333mE 6429651mN	30	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.06
389341mE 6429939mN	85	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.02
389343mE 6429832mN	20	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.1
389345mE 6429598mN	133	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.02
389346mE 6429905mN	16	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01
389353mE 6429968mN	81	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.02
389356mE 6429622mN	32	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.02
389358mE 6429595mN	137	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01
389365mE 6429938mN	14	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.06
389365mE 6429993mN	77	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01
389380mE 6430011mN	75	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.02

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
389383mE 6429969mN	12	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.07
389397mE 6430056mN	73	BEAUCHAMP	LOOP	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01
389398mE 6430000mN	10	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.07
389406mE 6430030mN	8	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.04
389425mE 6430059mN	6	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.06
389426mE 6434412mN	45	MCLAUGHLAN	RD	POSTANS	0	0	0	0	2	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	12	29.1
389457mE 6430092mN	2	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.14
389468mE 6430085mN	4	HOMESTEAD	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.07
389473mE 6430104mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01
389485mE 6430190mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0
389504mE 6430209mN		BERTRAM	RD	PARMELIA	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.35
389855mE 6428757mN	26	BLACKSMITH	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.01
389855mE 6428713mN	28	BLACKSMITH	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.06
389865mE 6428665mN	30	BLACKSMITH	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.14
389886mE 6428621mN	32	BLACKSMITH	DR	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	1	12	0.06
390493mE 6432969mN		SULPHUR	RD	PARMELIA	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	12	0.32
391424mE 6434825mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	2	1	0	2	0	0	12	0.6

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																							Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
383213mE 6431518mN	49	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	1	11	0.38
383247mE 6431317mN	49	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	1	11	0.39
383271mE 6431542mN	49	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	1	11	0.74
383613mE 6431346mN	49	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	1	11	0.65
384001mE 6431207mN		PATERSON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	1	11	1.39
384390mE 6433982mN					1	3	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	11	0
384449mE 6434369mN					1	3	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	11	29.68
385609mE 6431904mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	1	11	6.57
388240mE 6431357mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	0	0	2	0	0	11	0
388337mE 6428671mN	22	BRENTFORD	PDE	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	11	0.13
38836mE 6431482mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	0	0	2	0	0	11	15.67
388388mE 6428601mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	11	0
388458mE 6430813mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	0	0	2	0	0	11	0.02
388562mE 6430961mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	0	0	2	0	0	11	0.01
388571mE 6431017mN					0	0	0	0	0	4	0	0	0	0	0	0	1	2	0	2	0	0	2	0	0	11	0.01
388591mE 6428824mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	11	0.36
388600mE 6428408mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	1	0	2	0	0	11	0.33

Area (ha)		1.04	0	6.7	0.11	0	0	0.01	0.7	0.06	0.01	0	0	0	0.12	0.14	0.01	0
Score		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Criteria	P6_2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	P3_9c	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Locality		WELLARD		HOPE VALLEY	WELLARD					WELLARD							WELLARD	
Type		PDE		RD	PDE					PDE							PROM	
Road Name		BRENTFORD		POSTANS	BRENTFORD					BRENTFORD							SOMERFORD	
Lot/ Rd No.		22			22					22							54	
Easting (mE) Northing (mN)		388610mE 6428551mN	388614mE 6428851mN	388670mE 6437861mN	388675mE 6428602mN	388680mE 6428610mN	388704mE 6429217mN	388710mE 6429173mN	388716mE 6429222mN	388741mE 6428945mN	388787mE 6428854mN	388838mE 6428320mN	388849mE 6428541mN	388849mE 6428548mN	388942mE 6429335mN	388957mE 6429448mN	389035mE 6428469mN	389048mE 6428437mN

Area (ha)		0.01	0.01	0.06	0.01	0	0	0.13	0	0.04	0.05	0	0.02	0.03	0.01	0.01	0.19	0
Score		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Criteria	P6_2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Locality		WELLARD	WELLARD		WELLARD	WELLARD	WELLARD		WELLARD			WELLARD	WELLARD	WELLARD	WELLARD		WELLARD	
Type		PROM	PROM		PROM	PROM	PROM		CT			CT	LANE	CT	CT		LANE	
Road Name		SOMERFORD	SOMERFORD		SOMERFORD	SOMERFORD	SOMERFORD		COMBS			COMBS	SPINNER	KABER	KABER		SPINNER	
Lot/ Rd No.		52	50		48	46	44		3			8	9	7	8		11	
Easting (mE) Northing (mN)		389049mE 6428476mN	389051mE 6428484mN	389053mE 6428440mN	389053mE 6428491mN	389056mE 6428499mN	389058mE 6428506mN	389077mE 6428518mN	389354mE 6428903mN	389360mE 6428905mN	389366mE 6428913mN	389389mE 6428899mN	389397mE 6429027mN	389408mE 6428922mN	389414mE 6428941mN	389420mE 6428947mN	389428mE 6428980mN	389448mE 6428947mN

Area (ha)		0.04	0	0.06	0.08	0	0	0	0.06	0	0	0.32	0.01	0.01	0.02	0.01	0	0.07
Score		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Criteria	P6_2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Locality		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD				WELLARD	WELLARD	WELLARD	PARMELIA	WELLARD	WELLARD	WELLARD				WELLARD
Type		LANE	CT	LANE	LANE	LANE				ST	TURN	TURN	AV	ST	ST	ST				ST
Road Name		SPINNER	KABER	SPINNER	SPINNER	SPINNER				SILVERSMITH	BRANTWOOD	BRANTWOOD	PARMELIA	SILVERSMITH	SILVERSMITH	SILVERSMITH				SILVERSMITH
Lot/ Rd No.		7	4	5	3					33	31	31		48	31	50				35
Easting (mE) Northing (mN)		389449mE 6429042mN	389459mN 6428940mN	389475mE 6429065mN	389503mE 6429086mN	389512mE 6428902mN	389512mE 6428902mN	389526mE 6429383mN	389529mE 6429405mN	389536mE 6428885mN	389536mE 6428885mN	389537mE 6431008mN	389543mE 6429106mN	389556mE 6429450mN	389556mE 6429111mN	389567mE 6429463mN	389581mE 6428854mN	389588mE 6429363mN

Area (ha)		0.04	0	0.11	0.01	0.02	0	0	0.07	0.03	0.03	0.01	0.01	0.05	0	0	0.04	0.02
Score		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Criteria	P6_2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Locality		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD	WELLARD		WELLARD	WELLARD	WELLARD
Type		ST	TURN	CT	CT	TURN	ST		CT	CT	TURN	ST	TURN	CT	CT		ST	CT
Road Name		SILVERSMITH	BRANTWOOD	COACHMAN	BRANTWOOD	BRANTWOOD	SILVERSMITH		CROFTER	COACHMAN	BRANTWOOD	SILVERSMITH	BRANTWOOD	CROFTER	COACHMAN		COACHMAN	SILVERSMITH	CROFTER
Lot/ Rd No.		52	39	3	43	54			9	5	47	56	51	7	7		10		5
Easting (mE) Northing (mN)		389591mE 6429091mN	389597mE 6428838mN	389619mE 6429362mN	389625mE 6428815mN	389632mE 6429090mN	389638mE 6429504mN	389639mE 6429504mN	389648mE 6429346mN	389655mE 6428793mN	389670mE 6429094mN	389675mE 6428785mN	389688mE 6429519mN	389696mE 6429313mN	389704mE 6429100mN	389705mE 6429308mN	389706mE 6429307mN	389707mE 6429539mN

Area (ha)		0.09	0.01	0.02	0.11	0.01	0	0	0.06	0.01	0.02	0.03	0.01	0.03	0.03	0.07	0	0.01		
Score		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
Criteria	P6_2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9c	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Locality		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD			WELLARD	WELLARD	WELLARD	WELLARD	WELLARD			WELLARD		WELLARD		
Type		ST	CT	CT	DR				GDNS	GDNS	ST	GDNS	MEWS			GDNS		CT		
Road Name		SILVERSMITH	CROFTER	COOPER	BLACKSMITH				WHEEL-WRIGHT	WHEEL-WRIGHT	SILVERSMITH	WHEEL-WRIGHT	GROOM			WHEEL-WRIGHT		COOPER		
Lot/ Rd No.		58	3	11	4				17	2	60	17	7			17				
Easting (mE) Northing (mN)		389737mE 6429115mN	389738mE 6429556mN	389741mE 6429395mN	389745mE 6429089mN	389746mE 6429396mN	389749mE 6429029mN	389752mE 6428834mN	389759mE 6429041mN	389764mE 6429148mN	389779mE 6428862mN	389787mE 6429546mN	389793mE 6428873mN	389794mE 6428806mN	389795mE 6428894mN	389824mE 6428799mN	389839mE 6429436mN	389841mE 6429437mN		

Area (ha)		0.04	0.03	0.11	0	0.5	3.53	2.98	6.27	22.08	10.35	8.04	0.51	2	0	1.27	0.34	0.59		
Score		11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10		
Criteria	P6_2	1	1	1	1	0	0	0	1	0	0	1	1	0	0	0	1	1		
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P4_1	0	0	1	1	0	1	1	0	1	1	0	0	0	1	0	0	0		
	P3_9c	2	2	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0		
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_4	0	0	1	1	0	1	1	0	1	1	0	1	0	1	0	1	1		
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Locality		WELLARD	WELLARD	HOPE VALLEY			NAVAL BASE	HOPE VALLEY	HOPE VALLEY	POSTANS	POSTANS	HOPE VALLEY	HOPE VALLEY	CALISTA	POSTANS		HOPE VALLEY			
Type		MEWS	CT	RD	RD		RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD			
Road Name		GROOM	COOPER	ANKETELL	ANKETELL		COCKBURN	LUSSKY	HOPE VALLEY	ABERCROMBIE	ABERCROMBIE	HOPE VALLEY	HOPE VALLEY	SUMMERTON	ABERCROMBIE	Millar	HOPE VALLEY			
Lot/ Rd No.		5	6				99	25	192	121	17	198	198	2	53		198			
Easting (mE) Northing (mN)		389846mE 6429497mN	389857mE 6429461mN	389918mE 6435929mN	389919mE 6435930mN	391522mE 6435519mN	385412mE 6438171mN	386540mE 6438274mN	386889mE 6437686mN	386893mE 6434698mN	386900mE 6433905mN	387033mE 6437781mN	387139mE 6437093mN	387168mE 6431554mN	387243mE 6434560mN	387259mE 6427219mN	387413mE 6437461mN	387417mE 6436892mN		

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																								Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
387427mE 6437456mN	198	HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.75
387431mE 6436995mN	198	HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.49
387440mE 6437202mN	198	HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.69
387441mE 6436988mN		HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	4.45
387456mE 6437442mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.56
387514mE 6429017mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	1.23
387548mE 6437619mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	1.24
387665mE 6429100mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	0.03
387766mE 6436776mN		HOPE VALLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	4.97
387791mE 6438315mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.28
387814mE 6438403mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0
387830mE 6437890mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	14.42
387853mE 6438836mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.22
387873mE 6429107mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	0
387895mE 6438623mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.2
387917mE 6438771mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.56
387935mE 6438668mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																								Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
387936mE 6438087mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.01
387947mE 6438882mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0
387956mE 6438240mN	3	ASHLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	1.33
387967mE 6429185mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	0.18
387993mE 6438188mN	17	ASHLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.14
388015mE 6437123mN					0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	1.8
388055mE 6429338mN		RUNNYMEDE	CL	LEDA	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	0.5
388100mE 6430811mN		GILMORE	AVE	KWINANA TOWN CEN-TRE	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	1.4
388115mE 6436800mN		POSTANS	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	8.24
388126mE 6438755mN	41	POSTANS	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.2
388127mE 6437563mN		POSTANS	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.59
388138mE 6430647mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	0
388138mE 6430651mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	0.07
388141mE 6430665mN					0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	0.11
388160mE 6430984mN		GILMORE	AVE	KWINANA TOWN CEN-TER	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	0.57
388178mE 6430595mN	386	WELLARD	RD	WELLARD	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	10	0.23
388188mE 6438216mN	27	ASHLEY	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	1	10	0.81

Area (ha)		0	0.13	0.06	0.01	0.26	0.27	1.84	0.97	0.03	0.84	0.01	0.16	0.01	0.1	0.75	0	2.39
Score		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Criteria	P6_2	1	0	1	0	1	0	0	1	0	1	1	0	0	0	1	0	1
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	0	2	0	2	0	2	2	0	2	0	0	2	2	2	0	2	0
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	1	0	1	0	1	0	0	1	0	1	1	0	0	0	1	0	1
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Locality			WELLARD				WELLARD	WELLARD			HOPE VALLEY	HOPE VALLEY				HOPE VALLEY		HOPE VALLEY
Type			RD				RD	PDE			RD	RD				RD		RD
Road Name			WELLARD				WELLARD	BRENTFORD			SAYER	POSTANS				ASHLEY		ASHLEY
Lot/ Rd No.			386				386	22			86	31				40		54
Easting (mE) Northing (mN)	388211mE 6438222mN	388213mE 6430528mN	388216mE 6438195mN	388242mE 6430627mN	388280mE 6438355mN	388283mE 6430399mN	388283mE 6428744mN	388288mE 6438320mN	388292mE 6430291mN	388308mE 6438793mN	388308mE 6438795mN	388345mE 6430960mN	388352mE 6430959mN	388364mE 6430585mN	388373mE 6438036mN	388383mE 6430572mN	388425mE 6438197mN	

Area (ha)		0.87	0.6	0	2.11	0.02	4.59	0.21	0.76	0	3	0.01	0.01	0.01	0.01	0	0	0
Score		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Criteria	P6_2	0	1	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	2	0	2	0	0	0	2	0	0	0	2	2	2	2	2	2	2
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	1	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Locality		WELLARD	HOPE VALLEY		HOPE VALLEY	HOPE VALLEY	POSTANS		HOPE VALLEY	HOPE VALLEY	HOPE VALLEY	WELLARD		WELLARD	WELLARD	WELLARD	WELLARD	WELLARD
Type		RD	RD		RD	RD	RD		RD	RD	RD	MEWS		LANE	LANE	LANE	LANE	LANE
Road Name		WELLARD	SAYER		ASHLEY	ASHLEY	ANKETELL		SAYER	SAYER	ANKETELL	CHARVIL		SONNING	SONNING	SONNING	SONNING	SONNING
Lot/ Rd No.		386	67		55	65			63	51		11		10	8	6	4	2
Easting (mE) Northing (mN)	388428mE 6430554mN	388487mE 6438419mN	388501mE 6430283mN	388531mE 6438293mN	388535mE 6438308mN	388547mE 6435436mN	388561mE 6430499mN	388572mE 6438430mN	388573mE 6438455mN	388606mE 6435633mN	388614mE 6430086mN	388617mE 6430102mN	388620mE 6430117mN	388622mE 6430129mN	388625mE 6430141mN	388628mE 6430153mN	388633mE 6430167mN	

Area (ha)		0.01	1.05	0.31	0.68	0.02	3.08	7.72	3.46	1.74	2.04	0.62	1.61	0	0.01	1.16	0.01	0
Score		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Criteria	P6_2	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	2	2	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Locality			WELLARD	BERTRAM			HOPE VALLEY	POSTANS		POSTANS	HOPE VALLEY	POSTANS	POSTANS	ORELIA	ORELIA	ORELIA	POSTANS	ORELIA	ORELIA
Type			CIR	RD W			RD	RD	GDN	RD	RD	RD	RD	PL	PL	PL	RD	PL	PL
Road Name			LAMBETH	MILLAR			ANKETELL	MCLAUGHLAN	RUNNYMEDE	ANKETELL	ANKETELL	MCLAUGHLAN	MCLAUGHLAN	DOWLING	DOWLING	DOWLING	THOMAS	DOWLING	DOWLING
Lot/ Rd No.			27					65				65		17	19			21	20
Easting (mE) Northing (mN)		388652mE 6430178mN	388671mE 6430213mN	388721mE 6427521mN	388750mN 6430402mN	388816mE 6434536mN	388965mE 6435577mN	388982mE 6434743mN	389007mE 6430258mN	389082mE 6435443mN	389148mE 6435811mN	389165mE 6435269mN	389343mE 6435340mN	389349mE 6433039mN	389372mE 6433035mN	389374mE 6433827mN	389392mE 6433035mN	389411mE 6433032mN

Area (ha)		0.01	5.86	1.25	0.01	0.03	1.09	0.03	1.66	0.05	2.76	3.6	0.54	1.43	0.02	1.47	0.01	0
Score		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Criteria	P6_2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Locality		ORELIA	POSTANS	POSTANS	ORELIA	ORELIA	POSTANS		POSTANS	ORELIA	POSTANS	ORELIA		POSTANS		POSTANS		ORELIA
Type		PL	RD	RD	PL	PL	RD		RD	PL	RD	AV	RD	RD		RD		RD
Road Name		DOWLING	MCLAUGHLAN	MCLAUGHLAN	DOWLING	DOWLING	ANKETELL		MCLAUGHLAN	DOWLING	MCLAUGHLAN	HENNESSY	ANKETELL	ANKETELL		MCLAUGHLAN		WIGGINS
Lot/ Rd No.		18	119	119	16	14				12		48		280		119		20
Easting (mE) Northing (mN)		389430mE 6433023mN	389433mE 6434453mN	389443mE 6434965mN	389449mE 6433014mN	389467mE 6433002mN	389475mE 6435402mN	389481mE 6434656mN	389493mE 6434698mN	389513mE 6432987mN	389523mE 6435087mN	389543mE 6432713mN	389571mE 6435510mN	389587mE 6435451mN	389621mE 6432967mN	389639mE 6435192mN	389645mE 6432975mN	389664mE 6432950mN

Area (ha)		2.36	1.15	0.04	3.08	0.06	5.91	23.99	0	0	5.37	0	0	2.33	4.27	3.05	0.03	1
Score		10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9
Criteria	P6_2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_4	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P3_3a	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P1_2b	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3
	P1_2a	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Locality		POSTANS	HOPE VALLEY		ORELIA	HOPE VALLEY	PARMELIA	PARMELIA	HOPE VALLEY	HOPE VALLEY						KWINANA BEACH		KWINANA BEACH
Type		RD	RD	RD	PL	RD	WAY	AVE	RD	RD						RD		RD
Road Name		MCLAUGHLAN	ANKETELL	ANKETELL	ROACH	ANKETELL	PEDDER	PORTCHESTER	ANKETELL	ANKETELL						PORT		PORT
Lot/ Rd No.		119			6		9											20
Easting (mE) Northing (mN)		389715mE 6435353mN	389716mE 6435671mN	389727mE 6435570mN	389737mE 6432590mN	389840mE 6435634mN	389861mE 6432322mN	389910mE 6433070mN	389913mE 6435678mN	38991mE 6435678mN	382773mE 6433758mN	382843mE 6431148mN	382850mE 6431168mN	382953mE 6434372mN	383014mE 6433670mN	383136mE 6432111mN	383370mE 6434914mN	383519mE 6431998mN

Area (ha)		7.65	0.3	0.36	0.84	1.25	0.06	0.07	0.26	0.4	0.1	0.37	0.38	0.36	0.05	0.13	0.82	0.42	
Score		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
Criteria	P6_2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	P6_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P5_1b	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P5_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P4_1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_9a	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	P3_8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_7a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P3_3a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P_3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	P1_2b	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	P1_2a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Locality		KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH		KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	KWINANA BEACH	
Type		RD	RD	RD	RD	RD		RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	
Road Name		RISELEY	PORT	PORT	PORT	MASON		PORT	PORT	PORT	PORT	KWINANA BEACH	PORT	PORT	MASON	PORT	MASON	PORT	
Lot/ Rd No.			20	20	20			20	20	20	20		20	20	22	20		20	
Easting (mE) Northing (mN)		384131mE 6435722mN	384134mE 6432951mN	384162mE 6432074mN	384217mE 6431982mN	384308mE 6434850mN	384309mE 6436071mN	384319mE 6432915mN	384319mE 6432967mN	384325mE 6432864mN	384361mE 6432762mN	384450mE 6431910mN	384482mE 6433033mN	384490mE 6432857mN	384511mE 6433222mN	384530mE 6432566mN	384532mE 6434927mN	384534mE 6433000mN	

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2	Score	Area (ha)
384550mE 6432246mN	20	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.12
384562mE 6432744mN	20	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.42
384591mE 6432172mN	20	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.21
384608mE 6433714mN	22	MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.11
384617mE 6432616mN	20	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.14
384636mE 6433723mN		MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.12
384655mE 6433456mN	22	MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.28
384657mE 6434019mN		MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	2.46
384662mE 6433027mN	20	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.13
384672mE 6433048mN	20	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.17
384675mE 6433307mN	22	MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.2
384698mE 6434753mN		MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.96
384707mE 6433699mN		MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.43
384711mE 6432558mN	20	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.45
384718mE 6432511mN	20	PORT	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.83
384740mE 6434119mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.17
384748mE 6432795mN		PATERSON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.27

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2	Score	Area (ha)
384773mE 6434202mN	9	DONALDSON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.55
384779mE 6434022mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.15
384779mE 6433472mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.01
384779mE 6433472mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.01
384779mE 6433472mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.01
384782mE 6432264mN		PATERSON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.5
384785mE 6432604mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.27
384789mE 6433820mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.22
384802mE 6432331mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.23
384805mE 6433664mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.34
384806mE 6433917mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.19
384806mE 6433917mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0
384815mE 6432771mN		PATTERSON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	1.25
384820mE 6432176mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.16
384823mE 6432157mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0.32
384838mE 6432327mN					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0
384840mE 6432315mN	2	RICHARDSON	ST	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	0

Easting (mE) Northing (mN)	Lot / Rd No.	Road Name	Type	Locality	Criteria																						Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
6433820mN 384846mE		THOMAS	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.22
6432128mN 384851mE	2	RICHARDSON	ST	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0
6433867mN 384861mE					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.61
6433180mN 384878mE		MASONA	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	4.03
6433935mN 384882mE					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.25
6432128mN 384890mE	2	RICHARDSON	ST	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.16
6432126mN 384929mE		RICHARDSON	ST	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.03
6433205mN 384933mE		ROCKINGHAM	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.75
6433919mN 384941mE	11	BURTON	PL	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.06
6432141mN 384979mE	2	RICHARDSON	ST	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.34
6433866mN 384982mE					1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.19
6432148mN 384994mE	6	RICHARDSON	ST	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0
6438122mN 385010mE	99	COCKBURN	RD	NAVAL BASE	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	0	9	9	1.23
6433428mN 385055mE	51	MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	1.73
6433379mN 385076mE	51	MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.27
6433441mN 385171mE	51	MASON	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.17
6433387mN 385242mE	11	ROCKINGHAM	RD	KWINANA BEACH	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	9	9	0.17

Easting (mE) Northing (mN)	Lot/ Rd No.	Road Name	Type	Locality	Criteria																				Score	Area (ha)
					P1_2a	P1_2b	P1_2c	P1_2d	P_3	P3_3a	P3_3b	P3_4	P3_5	P3_6	P3_7a	P3_7b	P3_8	P3_9a	P3_9b	P3_9c	P4_1	P5_1	P5_1b	P6_1	P6_2		
388294mE 6434245mN	45	MCLAUGHLAN	RD	POSTANS	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	0	9	2.38
388331mE 6434979mN	65	MCLAUGHLAN	RD	POSTANS	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	0	9	0.27
388781mE 6433865mN	45	MCLAUGHLAN	RD	POSTANS	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	0	9	5.7
388872mE 6435940mN		ANKETELL	RD	HOPE VALLEY	0	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	2	0	0	9	0.1
388415mE 6432193mN	7	HUTCHINS	WAY	KWINANA TOWN CEN-TRE	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	8	0.31

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