

LOT 202 HYLAND ST
BASSINGDAW.

OFF WEST

LEFT INTO HYLAND
5 BLOCKS ON RIGHT

DRRFR.

DAVID: CROSSBY

309 2623.

P/f.

Check if any info on values of
area Bindaring Park.

Sub Bindaring Pk. 167.
APP Lake. U

NOT PICKED UP

Suggested name of area (1996)

Some Other Commonly used Names:

Subm 167 Bindaring Park, Bassendean

Local Authorities (Suburb)

Town of Bassendean (Bassendean)

Ownership categories: Street name, Lot number

Area (ha):

Total, % bushland (GIS 3.5ha aerial photo), %lake surface

Zoning (MRS & town planning)

Parks and Recreation

Reserve Status

none

LANDFORM AND SOIL

Landscape features: vegetated wetland, estuary, vegetated uplands

Pinjarra Plainπ

Alluvial/colluvial deposit (Pinjarra Plain / Ridge Hill) (Qha/Qc: Ms4)

Bassendean Dunes/Pinjarra Plain

Bassendean sands over Guildford Formation (Qpb/Qpa:S10)

REGIONAL VEGETATION AND FLORA

Vegetation Complex

Pinjarra Plain

Swan Complex

Floristic Community Types: not sampled types inferred, not sampled insufficient remnant vegetation, not sampled unable to infer types.

Supergroup 1 - Foothills/Pinjarra Plain

- 1a *E. haematoxylon* - *E. marginata* woodlands on Whicher foothills
- 1b Southern *E. calophylla* woodlands on heavy soils
- 2 Southern wet shrublands
- 3a *E. calophylla* - *Kingia australis* woodlands on heavy soils
- 3b *E. calophylla* - *E. marginata* woodlands on sandy clay soils
- 3c *E. calophylla*- *Xanthorrhoea preissii* woodlands and shrublands
- S8 *E. wandoo* Woodlands (Scarp)

Supergroup 2 - Seasonal Wetlands

- 4 *Melaleuca preissiana* damplands
- 5 Mixed shrub damplands
- 6 Weed dominated wetlands on heavy soils
- 7 Herb rich saline shrublands in clay pans
- 8 Herb rich shrublands in clay pans
- 9 Dense shrublands on clay flats
- 10a Shrublands on dry clay flats
- 10b Shrublands on southern ironstones
- 11 Wet forests and woodlands
- 12 *M. teretifolia* and / or *Astartea* aff. *fascicularis* shrublands
- 13 Deeper wetlands on heavy soils
- 14 Deeper wetlands on sandy soils
- 15 Forests and woodlands of deep seasonal wetlands
- 16 Highly saline seasonal wetlands
- 17 *M. raphiophylla* - *Gahnia trifida* seasonal wetlands
- 18 Shrublands on calcareous silts
- 19a Sedgeland in Holocene dune swales
- 19b Woodlands over sedgeland in Holocene dune swales
- S1 *Astartea* aff. *fascicularis*/*Melaleuca* species dense shrublands
- S2 northern *Pericalymma ellipticum* dense low shrublands
- S3 Wet sedgeland on sandy clays
- S4 *Regelia ciliata* Dandaragan Plateau wetlands
- S5 *Acacia saligna* wetlands
- S6 Northern dense low shrublands
- S7 Northern woodlands to forests over tall sedgeland alongside permanent wetlands
- S17 *Eucalyptus rudis*/*Agonis linearifolia* wetlands in Bassendean Dunes
- S19 Dense tall shrublands
- S20 Northern shrublands on sandy clays

Supergroup 3 - Uplands, centred on Bassendean Dunes and the Dandaragan Plateau

- 20a *Banksia attenuata* woodlands over species rich dense shrublands

- 20b Eastern *Banksia attenuata* and / or *E. marginata* woodlands
- 20c Eastern shrublands and woodlands
- 20d Dandaragan Plateau shrublands and woodlands
- 21a Central *Banksia attenuata* - *E. marginata* woodlands
- 21b Southern *Banksia attenuata* woodlands
- 21c Low lying *Banksia attenuata* woodlands or shrublands
- 22 *Banksia illicifolia* woodlands
- 23a Central *Banksia attenuata* - *B. menziesii* woodlands
- 23b Northern *Banksia attenuata* - *B. menziesii* woodlands
- 23c North-eastern *Banksia attenuata* - *B. menziesii* woodlands
- S9 *Banksia attenuata* woodlands over dense low shrublands
- S10 *Calothamnus sanguineus* dense low shrublands on sandy laterites
- S16 Mixed dense shrublands on yellow brown sands
- S18 *E. marginata*/*E. calophylla* Woodlands on laterites

Supergroup 4 - Uplands centred on Spearwood and Quindalup Dunes

- 24 Northern Spearwood shrublands and woodlands
- 25 Southern *E. gomphocephala* - *Agonis flexuosa* woodlands
- 26a *M. huegelii* - *M. acerosa* shrublands of limestone ridges
- 26b Woodlands and mallees on limestone
- 27 Species poor mallees and shrublands on limestone
- 28 Spearwood *B. attenuata* or *B. attenuata* - *Eucalyptus* woodlands
- 29a Coastal shrublands on shallow sands
- 29b *Acacia* shrublands on taller dunes
- 30a1 *Callitris preissii* forests
- 30a2 Woodlands and shrublands on Holocene dunes (re-allocated from 30c)
- 30b Quindalup *Eucalyptus gomphocephala* and/or *Agonis flexuosa* woodlands
- S11 Northern *Acacia rostellifera* - *Melaleuca acerosa* shrublands
- S12 Rottnest Island *Callitris preissii* and/or *M. lanceolata* forests and woodlands
- S13 Northern *Olearia axillaris* - *Scaevola crassifolia* shrublands
- S14 *Spinifex longifolius* - *Tetragonia decumbens* low shrublands

S15 Weed group, poorly allied

REGIONAL WETLANDS

Wetland Types: sumpland, floodplain

Consanguineous suite (undefined areas included in boundary)

Estuaries

Swan River (E.2)

Wetland Management Objective: Conservation, Resource Enhancement ✓

Lake EPP: half of 2.5ha

THREATENED COMMUNITIES

Not assessed, Presumed Totally Destroyed, Critically Endangered (floristic community type 3a, 3c, 10b, '19a', 20c, Perth to Gingin Ironstone Association, Communities of Tumulus Springs, Muchea Limestones, Stromatalite-like microbialite community of coastal freshwater lakes, Aquatic Mat Community of the Swan Coastal Plain, Stromatalite-like microbialite community dependant on fresh ground water of coastal brackish lakes), Endangered (floristic community type 2, 10a, 20a, 20b, '30a'), Vulnerable (floristic community type 1b, 3b, 7, 8, 9, 15, 18,), Data Deficient (14), Lower Risk

AREA DESCRIPTION

Vegetation and Flora

Structural units: not known, (limited survey), (detailed survey), (mapping)

Forest Woodland Shrubland Herbland Sedgeland Grassland

Eucalypts - *Eucalyptus calophylla*, *E. wandoo*, *E. marginata*., *E. tottiana*, *E. rudis*, *E. decipiens*, *E. lanepolei*, *E. haemotoxylon* and *E. gomphocephala*

Sheoaks - *Allocasuarina fraseriana* and *Casuarina obesa*

Banksias - *Banksia attenuata*, *B. menziesii*, *B. prionotes*, *B. illicifolia*, *B. grandis* and *B. littoralis*

Melaleucas - *Melaleuca preissiana*, *M. thaphiophylla* and *M. lanceolata*

Callitris preissii.

Jacksonia, *Viminaria*, *Daviesia*, *Leucopogon*, *Regelia*, *Banksia*, *Dryandra*, *Grevillea*, *Hakea*, *Petrophile*, *Stirlingia*, *Gompholobium*, *Calytrix*, *Verticordia*, *Pericalymma*, *Melaleuca*, *Hibbertia*, *Halosarcia*, *Sarcocornia*, *Xanthorrhoea*, *Kingia* and *Acacia*

Borya, *Phlebocarya*, *Lomandra*, *Anigozanthos*, *Conostylis*, *Patersonia*, *Drosera* and *Stylidium*

Baumea, Gahnia, Evandra, Schoenus, Mesomelaena, Alexgeorgia, Cyathochaeta, Loxocarya, Leptocarpus, Restio and Juncus

Spinifex, Stipa, Danthonia and Poa.

Remnant Vegetation (canopy only):

Vegetation Condition: >30% >50% >75% >90% Pristine, Excellent, Very Good, Good, Degraded, Completely Degraded with % Pristine, Excellent, Very Good, Good, Degraded, Completely Degraded with areas of severe localised disturbance

Total Flora: not known, (estimated), (site generated list only), (estimated >50% expected flora), (estimated >75% expected flora), (estimated >90% expected flora)

DRF/Priority - GIS: none recorded

DRF/Priority and significant flora from survey -

Fauna

Mammals: not surveyed

Linkage: Swan River

Special Attributes:

Indicative Place (1) on Register of the National Estate Database; Interim List (2), Register of the National Estate

INTERNATIONAL AND NATIONAL SIGNIFICANCE

ANCA Directory of Important Wetlands in Australia (Swan River), Register of the National Estate

CONSERVATION RECOMMENDATIONS

Criteria met for inclusion: Representation of ecological communities, Diversity, Rarity, Maintaining ecological systems or natural processes, Scientific or evolutionary importance, General criteria for the protection of wetland, streamline and estuarine fringing and coastal vegetation, Criteria not relevant to determination of conservation value, but which may be applied when evaluating areas having similar values

Constraints: Private land, MRS Urban zoning, Mineral Resource Area, Mineral Lease,

Recommendation:

Draft Only

SYSTEM 6 BUSHLAND SUBMISSION FORM FOR CONSIDERATION IN THE UPDATE PROGRAMME

If you wish to submit more than one area for consideration in the System 6 update, please use a separate form for each area.

Please fill in each section giving as much information as possible.

LOCATION, OWNERSHIP AND ZONING OF THE AREA

1. Location *See Map - BINDARRING PARK.*

Please give as accurate and detailed a description as possible of the site location
Please include either a hand drawn or copied map showing the area of the area

a) Bordering Roads:

b) Nearest Corner:

c) Lot Number: Street Number:

d) Town/Suburb/Location:

e) Local Council: *Barrack Hill*

f) Site Name (if any): *Bindarring Park*

g) Approximate size of the area (ha):

h) Please locate the area on a map and give us map references if possible:

.....

i) Map: Streetsmart /UBD/Other:

j) Map no.:

k) Grid Ref:

l) Please give any other information that may help us to find the location:

.....

m) Are you aware of any development proposals that are likely to affect the area?

No

.....

NOTE: Areas that have already been given development APPROVAL should not be nominated

Please fill out those questions that you can answer

2. Who owns the area? (If owned by the person/s making the nomination please indicate) *Mostly Queensland Town Council - some parkland zoned area still privately owned by various owners*

3. If you own the area, and may be interested in participating in conservation on private land initiatives please indicate (and leave your name and address at the end of this submission form)

4 .What is the area zoned? (please indicate whether zoning is Town Planning Scheme or Metropolitan Region Scheme) *Urban in M.R.S., Park in T.P.S.*

CAN YOU TELL US A LITTLE ABOUT THE PHYSICAL CHARACTERISTICS OF THE AREA

5. Why do you consider this area important? (Refer to Guiding Issues paper)

..... *One of the few remaining creek-lines and freshwater wetlands*

6. What is/are the soil type/s and colours ? *adjacent to and which flow into the Swan River.*

Type: Sand/ Clay /Gravel/Loam/Silt
Colour: White/ Grey /Brown/Orange/Yellow/Red/Black

7. Does the area have any special features such as unusual landforms / landscapes that still retain their natural vegetation? Yes/No

If yes, what are they? *See 5 above*

8. Is the area a wetland or does it include a wetland?

If yes, what kind of a wetlands is it?

- a) lake — *EP lake - see map.*
- b) river
- c) stream
- d) swamp
- e) estuary
- f) seasonally wet
- g) other

9. What percentage of the wetland is open water in summer?

CAN YOU TELL US A LITTLE ABOUT THE VEGETATION /FAUNA ON THE NOMINATED AREA.

10. What percentage of the area is indigenous vegetation? *50%*.....

11. If the area includes regions cleared of native bushland please indicate reasons for the inclusion.

Understorey gone, but overstorey (trees) intact.

12. Has any previous flora or fauna survey work been done on the area?

Yes.....

If yes, please give details of the work *Team of taxonomists (unpublished*

report)

13. How would you rate the condition of the native bushland? (see attached table)

- a) pristine
- b) excellent
- c) very good
- d) good
- e) degraded *— trees, but no understorey*
- f) completely degraded
- g) don't know

14. Please indicate the disturbances affecting the area and where appropriate the percentage of the area disturbed.

- a) Partial clearing
- b) fragmentation
- c) Selective removal of species: timber cutting, wildflower picking, mowing dieback and other plant diseases
- d) Fire regime, including intensity, season and frequency
- e) 'Enrichment plantings' that is plantings of species not found in that community
- f) Weed invasion
- g) Animal impact: horses, foxes, rabbits, cats, dogs, camels, goats etc
- h) Soil movement, both removal and dumping
- i) Changes in water regimes; flooding, drainage and watering
- j) Salinity
- k) Fertiliser drift and along waterways nutrient influx
- l) Mining, including that for road works

- m) Grazing: stock, overgrazing by feral or native mammals
- n) Proliferation of tracks, fire breaks and walk trails
- o) Off-road vehicle use
- p) Use as service corridors by the SEC, Main Roads, Water Authority.

one possible (2500m).

(Source: B Keighery. Bushland Plant Survey, September 1994)

15. Does the area contain any plant species of special interest that you know of? (eg. declared rare flora, priority taxa, outlier populations) *No*

Do you know what they are?

16. Do you know of any native animals that use the area? *Yes Kang. maculosa*

Can you list those you know of? (birds, mammals, reptiles, amphibians etc) *Wedge*

17. Is the area used by any native animals of special interest? (eg. endangered species, large/important populations) *No*

If yes, please name them and indicate source of information

.....

CAN YOU TELL US A LITTLE ABOUT THE SURROUNDING AREA

18. Are there any bushland areas (including wetlands) near to this area? *Colpitts Flat*

If yes, how close are they? *See other nomination*

.....

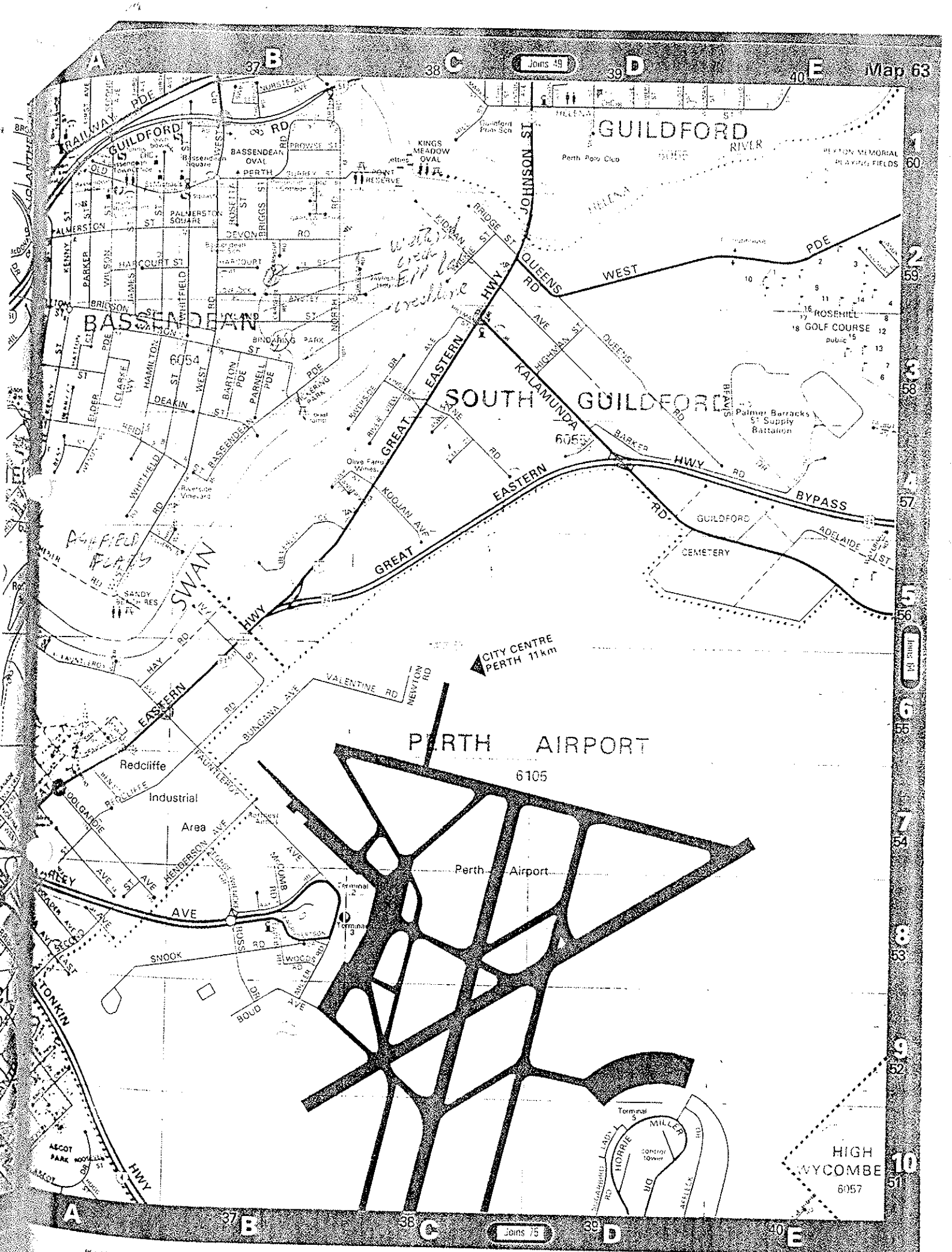
Are they already conservation reserves? *No*

What is their approximate size?

19. Does the submitted area link other bushland areas? *No*

.....

Please attach any additional information about the area which may be of use when assessing it.



*with 1/2 mile
E.P. line*

*RAFFLES
FLATS*

CITY CENTRE
PERTH 11km

PERTH AIRPORT

6105

Perth Airport

HIGH
WYCOMBE
6157

- RAILWAY STATION
- HOSPITAL
- POST OFFICE
- PUBLIC TELEPHONE
- TRAFFIC FLOW
- TRAFFIC LIGHTS

FOR COMPREHENSIVE
LEGEND, SEE PAGE 3

WILD 1574 UAGA
Nr 13037 152.72

1000036



-5022-1267-58 10001380 026056

000004 003004 20012560 1998