

ACOURT ROAD BUSHLAND, BANJUP

Boundary Definition: protected area/bushland taken to cadastre and zoning boundary (Areas of bushland within the boundaries of the Site have been recently cleared. The boundary has been drawn to include cleared bushland.)

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 389

Area (ha): bushland 295.2

Map no. 59, 60

Map sheet series ref. no. 2033-I NE

Other Names: Part Submission Area 13

Local Authorities (Suburb): City of Canning (Canning Vale), City of Cockburn (Banjup, Jandakot)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Bassendean Dunes

Bassendean Sands (Qpb: S8)

Bassendean Dunes/Pinjarra Plain

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

Wetlands (within the Bassendean Dunes)

Holocene Swamp Deposits (Qrw: Sp1, Sp2)

VEGETATION AND FLORA

Vegetation Complexes

Bassendean Dunes

Bassendean Complex — Central and South

Floristic Community Types: *not sampled, types inferred

Supergroup 2: Seasonal Wetlands

*5 Mixed shrub damplands

*11 Wet forests and woodlands

*12 *Melaleuca teretifolia* and/or *Astartea* aff. *fascicularis* shrublands

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

*21c Low-lying *Banksia attenuata* woodlands or shrublands

*22 *Banksia ilicifolia* woodlands

*23a Central *Banksia attenuata* — *B. menziesii* woodlands

WETLANDS

Wetland Types: dampland

Natural Wetland Groups

Bassendean—Pinjarra transition OR Bassendean with fluvial features

Bennett Brook (B/P.4)

Bassendean Dunes

Jandakot (B.3)

Wetland Management Objectives: Conservation (124.3ha), Resource Enhancement

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Not assessed

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated wetland, vegetated uplands

Vegetation and Flora: limited survey (part Site — Trudgen 1990); detailed survey (part Site — Clarke *et al.* 2000, Goble-Garratt 1994)

Structural Units: mapping (part Site — Clarke *et al.* 2000, Goble-Garratt 1994); general mapping (Trudgen 1990)

Uplands: *Banksia attenuata*, *B. menziesii* and *B. ilicifolia* Low Woodland; *Banksia attenuata* and *B. menziesii* Low Woodland; *Eucalyptus marginata*, *Allocasuarina fraseriana*, *Banksia attenuata*, *B. menziesii* and *B. ilicifolia* Woodland, Low Open Forest dominated by combinations of *Eucalyptus marginata*, *Allocasuarina fraseriana*, *Banksia attenuata*, *B. menziesii* and *Eucalyptus todtiana*; *Acacia pulchella* and *Calytrix fraseri* Low Shrubland

Wetlands: *Eucalyptus rudis* Open Forest; *Eucalyptus rudis* and *Melaleuca preissiana* Woodland; *Melaleuca raphiophylla* and *Kunzea glabrescens* Tall Open Scrub; *Melaleuca teretifolia* Shrubland to Very Open Shrubland; *Pericalymma ellipticum* Open Heath; *Regelia ciliata* and *Melaleuca lateritia* Shrubland; *Pericalymma ellipticum*, *Regelia ciliata* and *Calothamnus lateralis* Closed Low Heath; *Hypocalymma angustifolium* Low Shrubland; mixed Open Low Heath and Open Shrubland; *Lyginia imberbis* Closed Sedgeland; *Lyginia imberbis* and *Hypolaena exsulca* Sedgeland

Vegetation Condition: >80% Excellent to Very Good, <20% Good to Completely Degraded (part Site — Clarke *et al.* 2000, Goble-Garratt 1994, Trudgen 1990)

Total Flora: 197 native taxa (part Site — Clarke *et al.* 2000, Goble-Garratt 1994) (estimated >75% expected flora)

Significant Flora: *Tripterooccus paniculatus* ms (1); Clarke *et al.* 2000 — *Byblis lindleyana* (2), *Anthotium junciforme* (4); *Astroloma xerophyllum*, *Hensmania turbinata*, *Stylidium utricularioides*; Keighery, GJ pers. comm. — *Aristida contorta*, *Dysphania glomulifera* subsp. *glomulifera*, *Gonocarpus paniculatus*, *Melaleuca teretifolia* x *M. lateritia*

Fauna: limited survey for native mammals (2 species) (Wood & Grieve 1994). Significant species: Quenda

Linkage: adjacent bushland to the north, south (Site 390), east (Site 472, across road) and west (Site 388); part of Greenway 92 (Tingay, Alan & Associates 1998a); part of a regionally significant fragmented bushland/wetland linkage (Part A, Map 7)

Other Special Attributes: majority included in Jandakot Botanic Park Proposal (MFP 1995)

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Not listed

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities, Diversity, Rarity, Maintaining ecological processes or natural systems, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation

Recommendation: Part A: Site with Some Existing Protection; the care, control and management of this Site for conservation purposes within Jandakot Regional Park is endorsed. Part B: Other Government Land Mechanism. Part C: Basic Raw Materials Negotiated Planning Solution (see Table 3, Volume 1).