

BUSHLAND AREA ADJ W RAVENSWOOD SITES YES/NO

DATE 18/12/95 RECORDERS BJK, NT

Observations edge transects

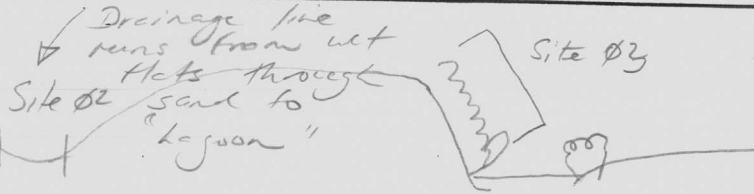
Geographic Location Latitude \_\_\_\_\_ S Longitude \_\_\_\_\_ E

Reference Map See site

Photograph \_\_\_\_\_ Photographer's Name \_\_\_\_\_ Photo No \_\_\_\_\_

Transect of landscape units

dunes  
dry/wet flats  
sumplands  
uplands  
type



Soil type \_\_\_\_\_ Colour \_\_\_\_\_  
Exposed rock type \_\_\_\_\_ % area overlies 'coffee rock'

VEGETATION

Eucalypts	<i>E. calophylla</i>	<i>E. wandoo</i>	<i>E. marginata</i>	<i>E. todtianna</i>	<i>E. rudis</i>
	<i>E. decipiens</i>	<i>E. drummondii</i>	<i>E. haematoxylon</i>	<i>E. lanepoolei</i>	<i>E. gomphocephala</i>
	<i>E. accedens</i>	<i>E. patens</i>	<i>E. laeliae</i>	<i>E. megacarpa</i>	
Sheoaks	<i>Allocasuarina fraserana</i>		<i>Casuarina obesa</i>		
Banksia	<i>B. attenuata</i>	<i>B. menziesii</i>	<i>B. prionotes</i>	<i>B. illicifolia</i>	<i>B. grandis</i> <i>B. littoralis</i>
Melaleuca	<i>M. preissii</i>	<i>M. raphiophylla</i>	<i>M. lanceolata</i>	<i>M. cuticularis</i>	
Others	<i>Callitris preissii</i>				
Mallees	Eucalypts	<i>E. argutifolia</i>	<i>E. petrensis</i>	<i>E. decurva</i>	<i>E. foecunda</i> <i>E. latens</i>

See sites plus to 30-70%

1) *Kunzea oxycetia* 2m >70% on sand ridge adjacent to the river, wet flats behind the sand ridge

2) Scattered *Mel. preissiana* over *Regiera ciliata* 1-1.5m >70% over *Lepto. co-ang* / *Lept. can*  
Photo 26

1) over *lyg. barb patches*, *Dasybrom* patches up to 70%

Vegetation Condition - Keighery 1994 (Trudgen 1993)

1 = 'Pristine' (Excellent)	Drainage Line
2 = Excellent (Very Good)	
3 = Very Good (Good)	
4 = Good (Poor)	
5 = Degraded (Very Poor)	
6 = Completely Degraded	

partial clearing = grazed in past (Tyler, pers com, also cleared sand ridge for a carpark for the speedway)  
weeds

selective removal of species	timber cutting	mowing	% dieback	??
fire frequency	does not appear to be less than 3 years ago			
'enrichment plantings'	around house	Sugar Gum, Euc com, Geraldton Wax etc		
animal impact	horse	foxes	<u>rabbits</u>	cats
			dogs	goats
				pigs
soil movement	mining	dumping	rubbish dumping	<u>roadworks</u>
changes in water regimes	flooding	<u>drainage</u>	W side watering	nutrient influx

Tracks fire breaks walk trails off road vehicle use animal tracks

Service corridors SEC Main Roads Water Authority. Telecom

Other \_\_\_\_\_

LIFE FORM/HEIGHT CLASS	CANOPY COVER			
	DENSE 70-100%	MID-DENSE 30-70%	SPARSE 10-30%	VERY SPARSE 2-10%
Trees >30m Trees 15-30m Trees 5-15m Trees <5m	Dense Tall Forest Dense Forest Dense Low Forest A Dense Low Forest B	Tall Forest Forest Low Forest A Low Forest B	Tall Woodland Woodland Low Woodland A Low Woodland B	Open Tall Woodland Open Woodland Open Low Woodland A Open Low Woodland B
Mallee tree form Mallee shrub form	Dense Tree Mallee Dense Shrub Mallee	Tree Mallee Shrub Mallee	Open Tree Mallee Open Shrub Mallee	Very Open Tree Mallee Very Open Shrub Mallee
Shrubs >2m Shrubs 1.5-2.0m Shrubs 1.0-1.5m Shrubs 0.5-1.0m Shrubs 0.0-0.5m	Dense Thicket Dense Heath A Dense Heath B Dense Low Heath C Dense Low Heath D	Thicket Heath A Heath B Low Heath C Low Heath D	Scrub Low Scrub A Low Scrub B Dwarf Scrub C Dwarf Scrub D	Open Scrub Open Low Scrub A Open Low Scrub B Open Dwarf Scrub C Open Dwarf Scrub D
Mat plants Hummock Grass  Bunch grass >0.5m Bunch grass <0.5m Herbaceous spp.	Dense Mat Plants Dense Hummock Grass Dense Tall Grass Dense Low Grass Dense Herbs	Mat Plants Mid-Dense Hummock Grass Tall Grass Low Grass Herbs	Open Mat Plants Hummock Grass  Open Tall Grass Open Low Grass Open Herbs	Very Open Mat Plants Open Hummock Grass  Very Open Tall Grass Very Open Low Grass Very Open Herbs
Sedges >0.5m Sedges <0.5m	Dense Tall Sedges Dense Low Sedges	Tall Sedges Low Sedges	Open Tall Sedges Open Low Sedges	Very Open Tall Sedges Very Open Low Sedges
Ferns Mosses, liverwort	Dense Ferns Dense Mosses	Ferns Mosses	Open Ferns Open Mosses	Very Open Ferns Very Open Mosses

Notes from Tyler conversation:

Land was grazed from W, also cleared  
gate alongside drain. Drain dug with plough in  
1969, property bought in 1969. Speculatively had  
surface water in 1970's needed to be  
pumped.

Vegetation considered of value at site #2 and  
#3, remainder 'rubbish regrowth'

Advised variety of processes from advice  
to retain to purchase.

Advised of

- remnant protection
- flora protected
- fauna protected
- DRF protection (Habitat to *Drosera peltata*,  
*Dianis purdiei*, *Aponzakia*.)

RAVEN #5

Much of this area cleared. Bank etc comes in  
towards drainage line, all 'young trees'

Flora comments

Fauna comments

Adjacent bushland