

sedat ✓

near EENTΦ1

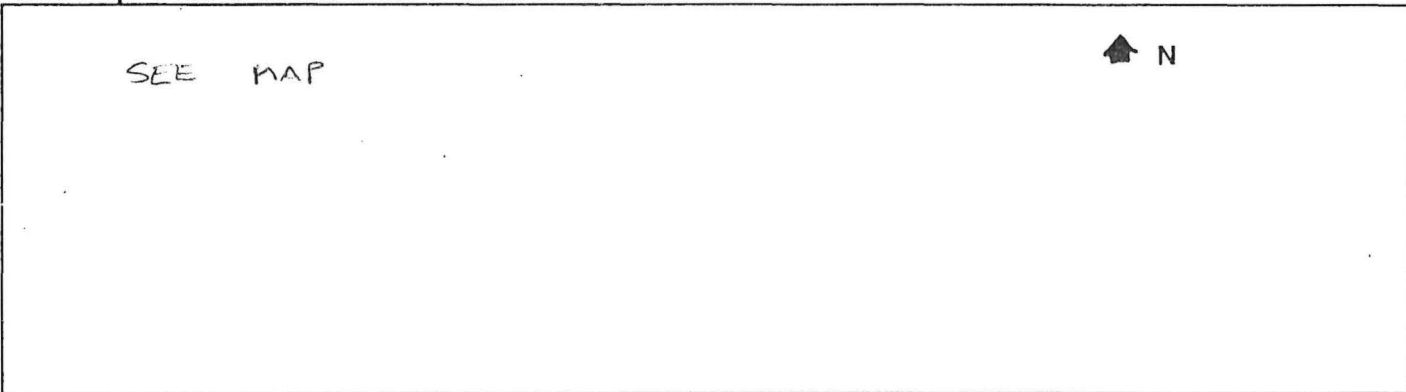
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ELLIS BROOK VALLEY
RUSHTON ROAD SITE NUMBER FOERΦ3
 DATE TRIP 10-8-96 RECORDERS JOHN BOWLER
 DATE TRIP 16-11-96 RECORDERS HEATHER BOWLER
 DATE TRIP 1-12-96 RECORDERS HEATHER BOWLER
 BOTANIST HEATHER BOWLER

1. LOCATION of the QUADRAT

From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

Mud Map Draw a sketch of the location of the site below.



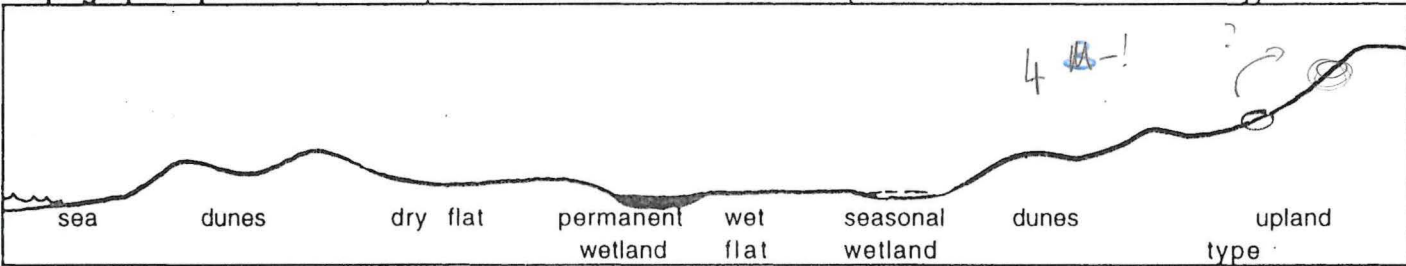
Road Location RUSHTON RD

Geographic Location Latitude 32 04 00 S Longitude 116 02 35 E Altitude 230

Reference Map

Photograph Photographer's Name JOHN BOWLER Photo No

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

Slope flat gentle steep Aspect N NE E SE S SW W NW

Surface Soil CLAY GRAVEL Colour BUFF

Exposed rock type GRANITE % surface 10

Sub-surface Soil CLAY Colour ORANGE

Rock GRANITE type GRANITE depth to rock DEEP

Drainage well mod poor depth water 0 cm Wet all year winter/spring

Litter Depth 1 % cover 50 Bare Ground 50 %cover

10cm

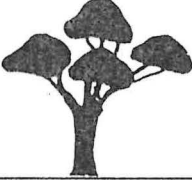
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer.

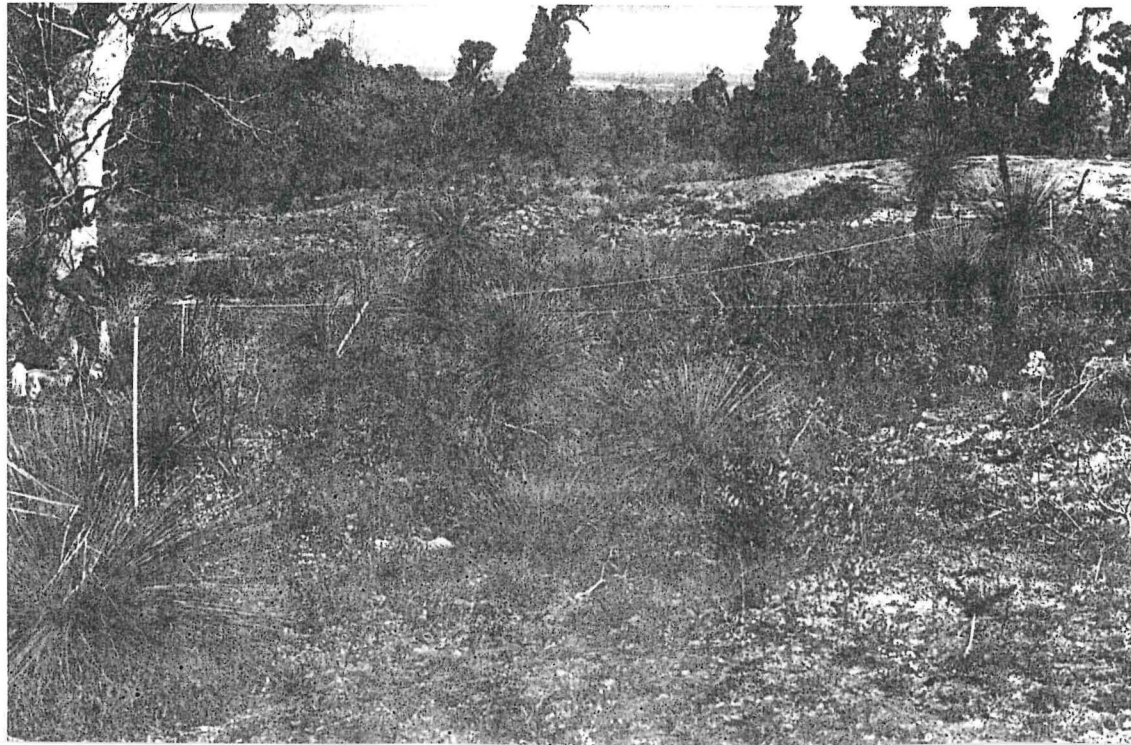
Cover Class 2-10% 10-30% 30-70% over 70%

TREES			MALLEES		
	over 30m	10-30m	under 10m	over 8m	under 8m
LIFE FORM			 		
COVER CLASS (%)	0	0	0.01 MALLEE	0	0
DOMINANT SPECIES					
SHRUBS			SHRUBS		
	over 2m	2m-1m	under 1m		
LIFE FORM	  	  	   		
COVER CLASS (%)	0	3 30-70%	40		
DOMINANT SPECIES		XANTHORHOEA	LEUCOPACON CRYPTANDRA DRYANDRA		
GRASSES		HERBS	SEDGES	OTHER	
LIFE FORM	 	  	  		
COVER CLASS (%)	1	1	0	0-01	
DOMINANT SPECIES		DROSERA ORCHIDS		MOSS	

4. VEGETATION CONDITION

		COMMENTS
1	'PRISTINE'	
2	EXCELLENT	
3	VERY GOOD	
4	GOOD	
5	DEGRADED	

Severe fire in 1994 has altered structure.



VIEW To
W

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No 3 FOEBB

Record on Sheet

Date 10-8-96

16-11-96

1-12-96

- Column 1 plant name-
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
☒ NUTSIA FLORIBUNDA				☒ HIBBERTIA COMMUTATA				☒ BORTA SP + BEROCEPHALA			
☒ EUC. CALOPHYLLA				☒ GREVILLEA PALLULIFERA		✓		☒ BURCHARDIA UMBELATA			
				☒ VERTICORDIA ACEROSA		✓		☒ GONOCARPUS CORDIGER			
				☒ VERTICORDIA INSIGNIS		⑦		☒ CONOSPERMUM HUEGLII			
				☒ HAKEA STENOCLARPA				☒ CALEDENIA REPTANS		✓	
				☒ HENICZENIA SERICEA		⑦		☒ CHAMAESCILLA CORYMBOSA		✓	
MALLEES				☒ HIBBERTIA SUBVAGINATA		⑦		☒ GOODENIA CAERULA		⑦	
				☒ BAECKEA CAMPHOROSMBA				☒ ROBELIA RHYTIDOSPERMA		⑦	
				GRASSES				☒ TRICORYNE ELATOR		⑦	
								☒ ACTINOTUS LEUCOCEPHALUS		⑦	
								☒ XANTHOSIA PULLESA			
SHRUBS								puella?			
☒ CRYPTANDRA PUNGENS		✓						coded as Xan. huegelii			
☒ HYBANTHUS FLORIBUNDUS		✓						SEDGES			
☒ BEAUFORTIA PURPUREA		⑦						☒ SCHOENUS LATILANS			
☒ CALOTHAMNUS RUPESTRIS								☒ SCHOENUS SP ?		⑦	
☒ HAKEA UNDULATA								☒ RECHRYSTHRIX		⑦	
☒ SYNAPHEA ACUTILOBA		✓									
☒ HIBBERTIA HYPERICOIDES		✓		HERBS							
☒ HAKEA TRIFICATA				☒ STYLIDIUM BRUNONIUM		⑦		SHRUBS			
☒ ANDERSONIA LEHMANNIANA		✓		☒ STACHYSSIA MONOGYNA				☒ GOMPHOLOBIUM MARGINATUM			
☒ LEUCOPOGON SPRENGELOIDES		✓		☒ HAEMODORUM LAXUM				☒ ASTROLOMA PALLIDUM		✓	
☒ MELALEUCA SCABRA				☒ JACKSONIA ALATA				☒ CRYPTANDRA MICRANTHA		✓	
☒ DRYANDRA ARMATA		✓		☒ CONOSTYLIS SETIGERA				☒ GOMPHOLOBIUM SHUTTLEWORTH		⑦	
☒ ALLOCASUARINA HUMILIS		✓		☒ DIURIS BRUMALIS		✓		☒ SCABEOLA FASCI			
☒ THOMASIA GLUTINOSA				☒ DROSELA ERYTHROSTIZA				☒ GOODENIA FASCICULATA		⑦	
☒ CHORISEMA DICKSONII				☒ PTEROSTYLIS BARBATA		✓					
☒ TEMPLETONIA BILOBA				☒ PATERSONIA PYGMAEA				CREEPER			
☒ ERICSTEMON SPICATUS				☒ CYANICULA DEFORMIS		✓		☒ BASSYTHIA RACEMOSA			
☒ ACACIA TERETIFOLIA				☒ PATERSONIA OCCIDENTALIS							
☒ LEUCOPOGON PULCHELLUS		✓		☒ STYLIDIUM BREVISCAPUM		⑦					
☒ HOSEA PUNGENS		✓		☒ DROSELA MENZIESII							

Audit ✓

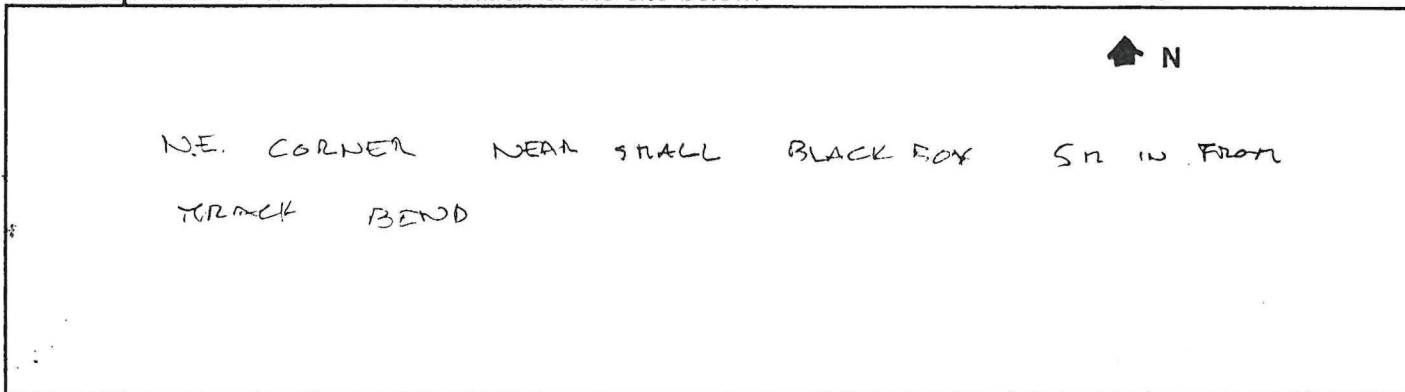
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA _____ SITE NUMBER FOEB 01
 DATE TRIP 22-6-96 RECORDERS JOHN BOWLER
 DATE TRIP 11-10-96 RECORDERS JOHN BOWLER
 DATE TRIP _____ RECORDERS _____
 BOTANIST HEATHER BOWLER

1. LOCATION of the QUADRAT

From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

Mud Map Draw a sketch of the location of the site below.



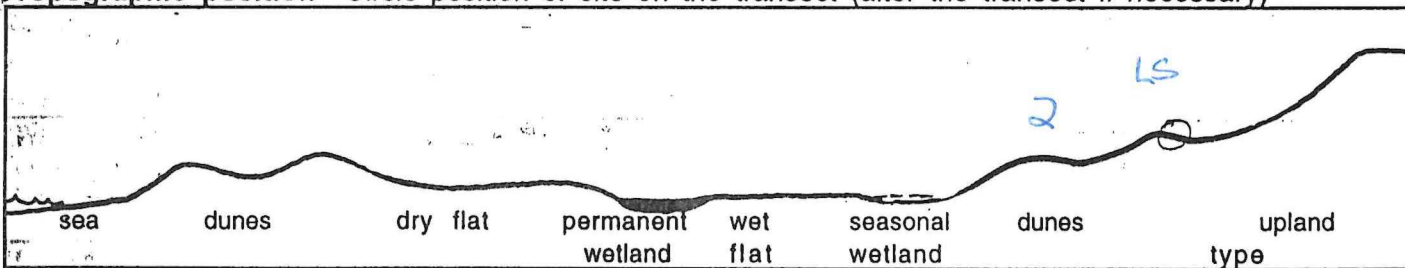
Road Location RUSKIN RD

Geographic Location Latitude 32 03 35 S Longitude 116 01 35 E Altitude 80m

Reference Map

Photograph Photographer's Name _____ Photo No _____

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

Slope flat gentle 2 steep **Aspect** N NE E SE S SW W NW 8

Surface Soil SANDY LOAM **Colour** BUFF
Exposed rock type G & G % surface 10

Sub-surface Soil AS ABOVE **Colour** _____
Rock type _____ depth to rock _____

Drainage well mod poor depth water _____ cm **Wet** all year winter/spring

Litter Depth 5 % cover _____ **Bare Ground** 40 % cover _____



VIEW TO
SE

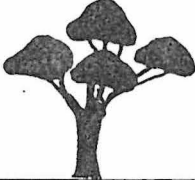
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

3. VEGETATION STRUCTURE AND COVER

From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer

Cover Class 2-10% 10-30% 30-70% over 70%

		TREES			MALLEES	
		over 30m	10-30m	under 10m	over 8m	under 8m
LIFE FORM				 		
COVER CLASS (%)		0	0	2	0	0
DOMINANT SPECIES				MYRTIA		
		SHRUBS			SHRUBS	
		over 2m	2m-1m		under 1m	
LIFE FORM		  	  		   	
COVER CLASS (%)		5	0		50	
DOMINANT SPECIES		XANTHORRIAS				
		GRASSES	HERBS	SEDGES	OTHER	
LIFE FORM		 	   	   		
COVER CLASS (%)		1	1	0		
DOMINANT SPECIES			DROSERA			

4. VEGETATION CONDITION

1	'PRISTINE'		COMMENTS BURN 3 YEARS AGO DIEBACK AFFECTED AREA
2	EXCELLENT	✓	
3	VERY GOOD		
4	GOOD		
5	DEGRADED		

coded as 1/28

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE Label each plant with plants number, site code, date and plant's name or working name if required

SITE No	Record on Sheet	• Column 1	plant name -	From 'Bushland Plant Survey' written by
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Date 22-6-96

• Column 2 plant number

✓

22-6-96

B. Keighery (1994) and published by the

• Column 3 flowering time- TICK if species flowering

- Column 2 plant number

• Column 3 flowering time- TICK if species flowering

• Column 4 identification check

SHRUBS (cont.)	No	Fl	ID	HERBS (cont.)	No	Fl	ID
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From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

TREES			SHRUBS (cont.)			HERBS (cont.)		
No	FI	ID	No	FI	ID	No	FI	ID
1		✓ JACKSONIA ALATA	22	✓	✓ BRACHYMENE PLOBA	172		✓
		✓ SYNAPAE ACUTILOSA	23		✓ LPTERLOCHAETA PANICULATA	173		✓
		✓ EOMPHOLOSIUM MARGINATUM	24		✓ LAENOCYLUM LAXUM	174		✓
		✓ CRYPTANDRA PUNGEN	25	✓	✓ PARENTUCULA LATIFOLIA *	177		✓
		✓ CALYTRIX AUREA	26					
		✓ HAKEA ERINACEA	27					
		✓ ANDERSONIA LEHMANNIANA	28	✓				
		✓ DAVESIA DECURRANS	29					
		GRASSES						
		✓ NEURACHNE ALOPECUROIDES	48					
		✓ KIRA CARYOPHYLLEA *	49					
		✓ BEIZA MINCE *	50					
		✓ MICOLAEIA STIPLOIDES	51					
		SHRUBS						
2		✓ XANTHORHCEA PREISII						
3		✓ DRYANDRA LINDEYANA						
4	✓	✓ DRYANDRA AZMATA						
5	✓	✓ PETROPHILE STRIATA						
6	✓	✓ LAMBERTIA MULTIFLORA						
7		✓ HAKEA INGLASSATA						
8		✓ HAKEA UNDULATA						
9		✓ ALLOCASTRALINA HUMILIS						
10	✓	✓ CALOTHAMNUS TOLULOSUS						
11		✓ CALOTHAMNUS QUARIFLOUS						
12		✓ BAEKKEA CAMPHOROSMEA						
13		✓ HIBBERTIA COMMUTATA						
14	✓	✓ " HYPERICOIDES						
15	✓	✓ " SUBVAGINATA						
16		✓ PERSOONIA ANGUSTIFLORA						
17	✓	✓ ACACIA TERETIFOLIA						
18	✓	✓ MELALEUCA SCABRA						
19	✓	✓ THOMASIA GLUTINOSA						
20	✓	✓ ISOPOGON ASPER						
21	✓	✓ CONOSPERMUM HUEGELII						
		HERBS						
		✓ DROSER A ERYTHROGONIA	31					
		✓ STYLIDIUM REPENS	32					
		✓ DROSER A MENZIESII	33					
		✓ PATERSONIA PYGMAEA	34					
		✓ PITHOCARPA PULCHELLA	35					
		✓ MAXIMANNIA SQUARROSA	36	✓				
		✓ THERMOMITRA CRINATA	37	✓				
		✓ ELYTHRANTHEAR BRUNONIS	38	✓				
		✓ BOYRA SCHAEROPHILA	39					
		✓ STYLIDIUM DIUROIDES	40					
		✓ STACHYOSIA MONOGYNA	41	✓				
		✓ CHAMAESCILLA CORYMBOSA	42					
		✓ ASTEREDIA CRAGLII	43	✓				
		SEDGES						
		✓ ACACIA PULCHELLA	30					
		✓ SPHAEROCOLIUM MEDIUM	52	✓				
		✓ CALYTRIX GLUTINOSA	53	✓				
		✓ VERTICORDIA ACEROSA	54	✓				
		✓ " INSIGNIS	55	✓				
		✓ " HUEGELII	56	✓				
		✓ PIMELIA IMBRICATA	57	✓				
		✓ PULTENAEA ERICIFOLIA	58	✓				
		✓ LEUCOPOGON PULCHELLUS	59	✓				

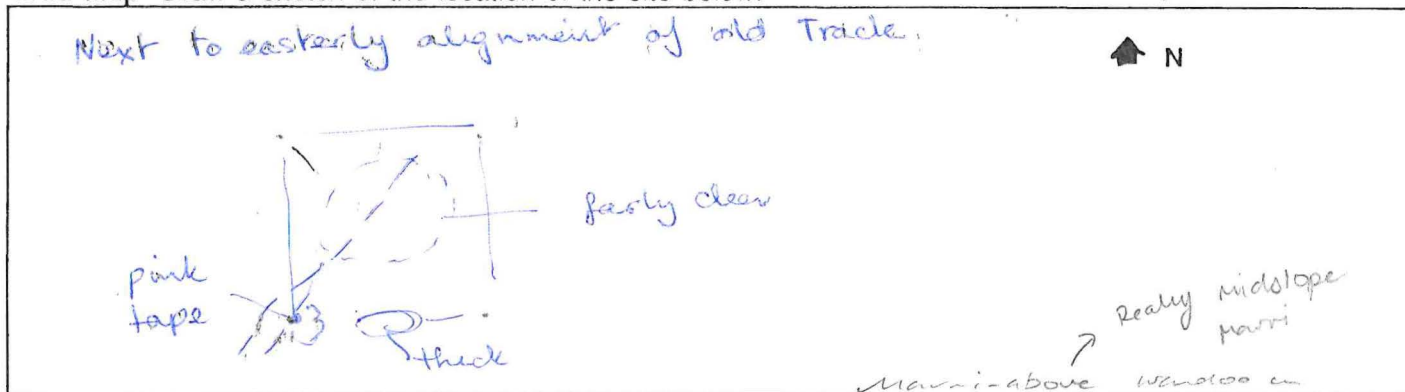
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ELLIS BROOK VALLEY SITE NUMBER 10ER/2
DATE TRIP 13-7-96 RECORDERS HEATHER & JOHN BOWLER
DATE TRIP 19-10-96 RECORDERS HEATHER & JOHN
DATE TRIP _____ RECORDERS _____
BOTANIST HEATHER BOWLER

1. LOCATION of the QUADRAT

From '*Bushland Plant Survey*' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

Mud Map Draw a sketch of the location of the site below.



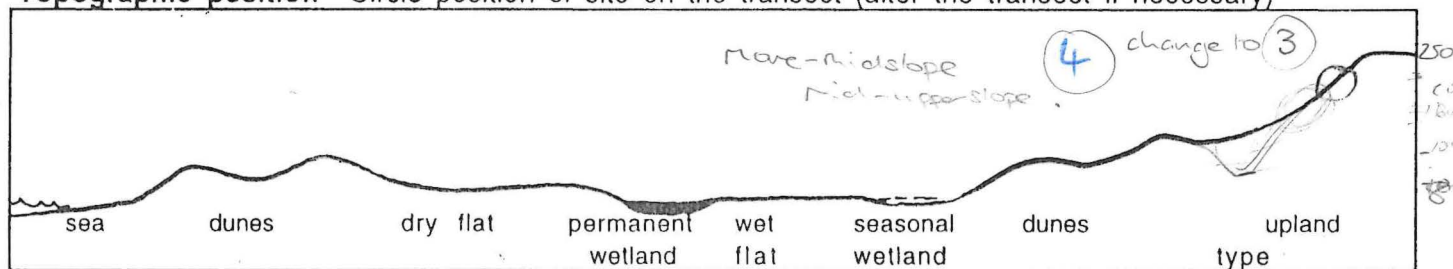
Road Location	BARRINGTON	QUARRY	ROAD
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Geographic Location Latitude 32 03 37 S Longitude 116 02 02 E Altitude 160m

Reference Map

Photograph	Photographer's Name	JOHN BOWLER	Photo No
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Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

Slope flat gentle steep ✓ *Aspect* N NE E SE S ✓ SW W NW

Surface Soil	LOAM / CLAY	Colour	GREEN
Exposed rock	type	% surface	

Sub-surface Soil	CLEY	Colour	ORANGE
Rock	type QUARTZ	depth to rock	DEEP

Drainage well ✓ mod poor depth water cm Wet all year winter/spring ✓

<i>Litter</i>	1 % cover	<i>Bare Ground</i>	75 %cover
Depth	.5 cm		



VIEW TO
SW

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer.

Cover Class 2-10% 10-30% 30-70% over 70%

	TREES			MALLEES	
	over 30m	10-30m	under 10m	over 8m	under 8m
LIFE FORM			 		
COVER CLASS (%)	NIL	NIL	30-50% 3	NIL	NIL
DOMINANT SPECIES			MARIE		

	SHRUBS		SHRUBS
	over 2m	2m-1m	under 1m
LIFE FORM	  	  	   
COVER CLASS (%)	1%	30-50% 3	60
DOMINANT SPECIES	XANTHORRHIZA	XANTHORRHIZA	XANTHORRHIZA

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM	 	   	  	
COVER CLASS (%)	1%	1%	1	
DOMINANT SPECIES		DROSSORA sp		

4. VEGETATION CONDITION

1	'PRISTINE'		COMMENTS FIRE SUMMER 93 EROSION GULLY crests
2	EXCELLENT		
3	VERY GOOD	✓	
4	GOOD		
5	DEGRADED		

Low
woodland
A

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No 2

Record on Sheet

Date 13-7-96

second visit

• Column 1 plant name-

• Column 2 plant number

• Column 3 flowering time- TICK if species flowering

• Column 4 identification check

From 'Bushland Plant Survey' written by
B. Keighery (1994) and published by the
Wildflower Society of WA (Inc.), PO Box
64 Nedlands WA 6008.

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
✓ EUC. CALOPHYLLA	✓			✓ SCAEVOLA CALLIPTERA	✓	⊙		✓ STYLIDIUM ANEONUM	✓	⊙	
✓ XANTHORRHEA PREISSII	✓			✓ ASTROLOMA PALLIDUM	✓	✓		✓ XANTHOSIA CANDIDA	✓	⊙	
				✓ LEUCOPOGON PULCHELLUS	✓	⊙		✓ MILLOTIA TENUIFOLIA	✓	⊙	
				✓ PIMELIA SUAVEOLENS	✓	✓					
				✓ MACROZAMIA REIDLEI (BORDER)	✓						
				✓ HAKEA AMPLEXICAULIS (BORDER)	✓						
MALLEES				✓ TETRATHECA HIRSA	✓	⊙					
				✓ ACACIA WILDENOWIANA	✓						
				GRASSES							
				✓ BRIZA MAJOR MAXIMA	✓						
				✓ ARIA CARYOPHYLLEA PIERA	✓						
				✓ MICROLAENA STILOIDES	✓						
SHRUBS											
✓ ACACIA OBOVATA	✓										
✓ ACACIA HORRIDULA	✓							SEDGES			
✓ ACACIA BARBINERVIS	✓							✓ SCHOENUS SP			
✓ DAVIESIA ANGULATA	✓										
✓ DRYANDRA LINDLEYANA	✓										
✓ DRYANDRA BIPINNATIFIDA	✓							CLIMBER			
✓ HIBBERTIA HYPERICOIDES	✓	✓		HERBS				✓ BILLARDIERA CANDIDA	✓		
✓ HOVEA CHORIZEMIFOLIA	✓	✓		✓ LOMANDRA NIGRICANS	✓	✓		✓ EASSYTHA RACEMOSA	✓		
✓ AGONIS GRANDIFLORA	✓	⊙		✓ PITHOCARPA PULCHELLA	✓						
✓ TEMPLETONIA BILOBA	✓			✓ LOMANDRA SERICEA	✓	✓					
✓ ERIOSOMON SPICATUS	✓	⊙		✓ THELYMITRA CRINATA	✓	⊙					
✓ PETROPHILE STRIATA	✓	⊙		✓ ELYTHRANTHEA BRUNONIS	✓	⊙					
✓ BOSSIAEA ORNATA	✓			✓ DROSERA MENZIESII	✓	⊙					
✓ DAMPIERA LINEARIS	✓	⊙		✓ STYLIDIUM CALCARATUM	✓	⊙					
✓ DAMPIERA ALATA	✓	⊙		✓ DROSERA ERYTHROTHIZA	✓						
✓ BAECKEA CAMPHOROSMAE	✓			✓ HAEMODORUM LAXUM	✓						
✓ HYPOCALYMMMA ROBUSTUM	✓	⊙		✓ HYPOXIS OCCIDENTALIAS	✓	✓					
✓ LECOPOGON ?	✓			✓ DIURIS BRUMALIS	✓	✓					
✓ HIBBERTIA COMMUTATA	✓	⊙		✓ OLARIA PAUCIDENTATA	✓						
✓ ACACIA PULCHELLA	✓			✓ STYLIDIUM BULBIFERUM	✓	⊙					