

ELLIS 05

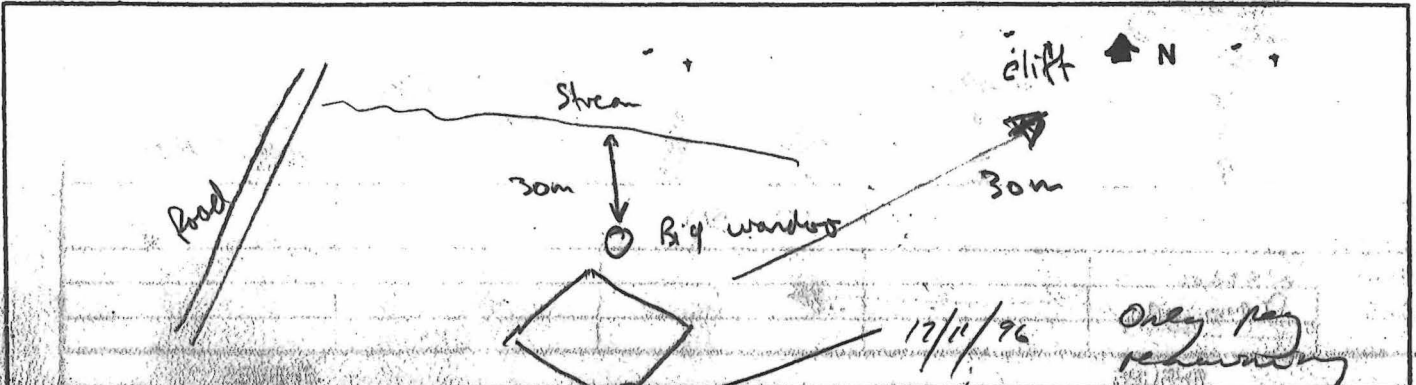
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ELLIS Brook SITE NUMBER (NEIL 1)
 DATE TRIP 17/2/95 RECORDERS G Matthews, Diane Matthews
 DATE TRIP _____ RECORDERS Neil, Kate, John, Joe
 DATE TRIP _____ RECORDERS _____
 BOTANIST Neil Gibson

1. LOCATION of the QUADRAT

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

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



Road Location

Geographic Location Latitude 31° 50' 07" S Longitude 75° 58' 07" E Altitude

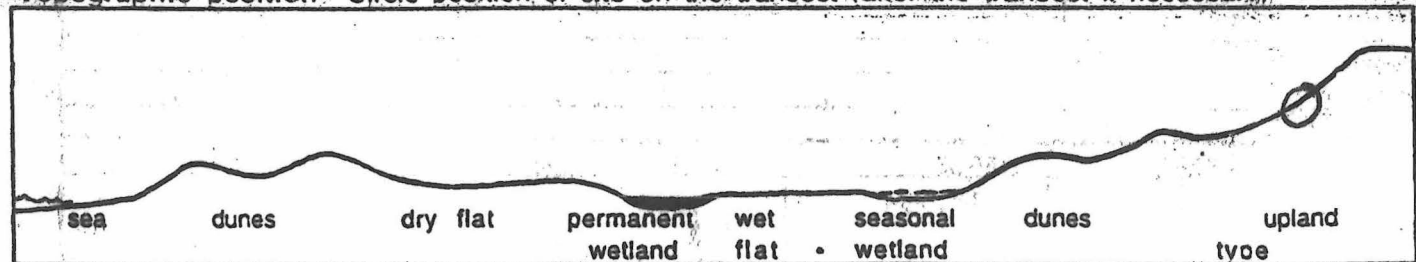
Reference Map

Photograph

Photographer's Name

Photo No NG 22

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 NWSurface Soil Sandy loam Colour GreyExposed rock type quartzite/granite % surfaceSub-surface Soil Sandy loam Colour Grey

Rock type depth to rock

Drainage well mod poor depth water cm Wet all year winter/springLitter 10-20 % coverBare Ground 20-30 % coverDepth 4/2 cm

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- use pencil only

From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of W.A. Inc., PO Box 64 Nedlands W.A. 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	15-30m	5-15m under 5m	over 9m	under 9m
LIFE FORM			 <i>Low woodland</i>		
COVER CLASS (%)			10-30		
DOMINANT SPECIES	<i>Wandoo</i> →				
SHRUBS			SHRUBS		
	over 2m	2m-1.5m	1.5-1m	1-0.5m	under 0.5m
LIFE FORM				<i>Dwarf shrub</i> 	<i>Low heath</i> 
COVER CLASS (%)				10-30	30-70
DOMINANT SPECIES				<i>Xanthorrhoea</i> <i>Dry Nivea</i> <i>Macrozamia</i>	<i>Dry Nivea</i> <i>Hib. Hydr.</i> <i>Hib. sp</i>
GRASSES		HERBS	SEDGES		
			over 0.5m	under 0.5m	
LIFE FORM		<i>Herbs</i> 			
COVER CLASS (%)		30-70			
DOMINANT SPECIES		<i>Guildford Grass</i> <i>Palaemonia</i>			

4. VEGETATION CONDITION

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

Burnt 2 yrs ago.
Lots of Guildford grass
Lots of Briza.

NO CA: LONG.

ELLIS 06

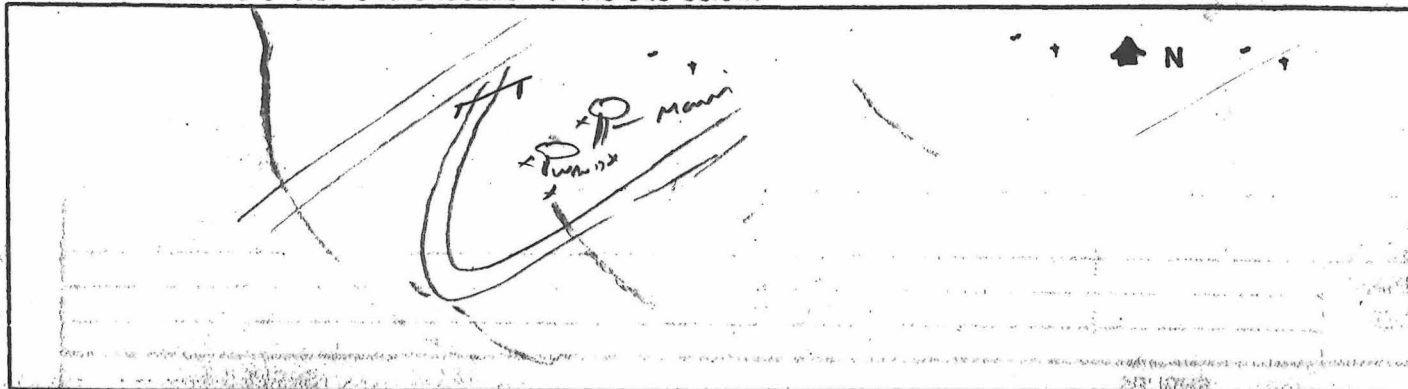
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ELLIS Brook SITE NUMBER (NRIL 2)
 DATE TRIP 17/9/95 RECORDERS John Joe Dianne Garry Kate Neil
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

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 2 Nedlands WA 6008.

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

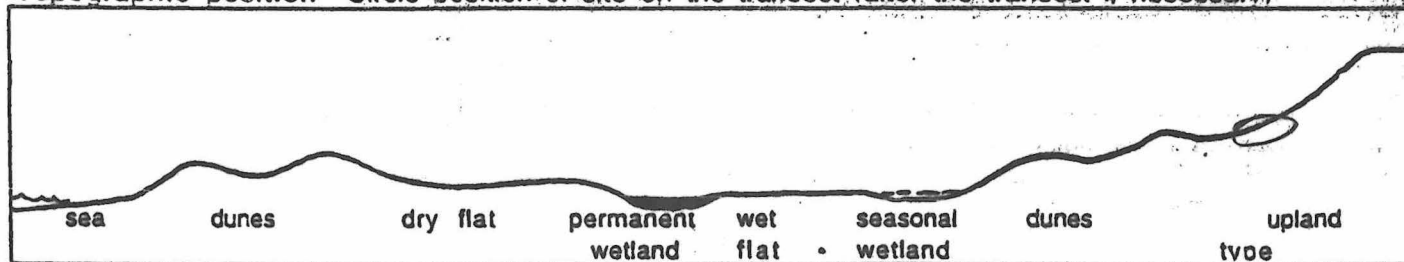


Road Location ELLIS RD

Geographic Location Latitude _____ S Longitude _____ E Altitude _____
 Reference Map _____

Photograph _____ Photographer's Name N G Photo No 25

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



2. SITE DATA Circle the correct response.

Slope	flat	<u>gentle</u>	steep	Aspect	N	NE	E	SE	<u>S</u>	SW	W	NW
Surface Soil	<u>DR BR clay</u>							Colour				
Exposed rock	type		<u>granite</u>		< 5 % surface							
Sub-surface Soil	<u>DITTO</u>							Colour				
Rock	type		depth to rock									
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet all year		winter/spring				
Litter	<u>2-10</u>		% cover		Bare Ground				%cover			
	Depth		cm		<u>< 5%</u>							

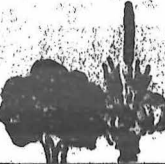
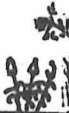
BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- use pencil only

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	15 - 30m	5 - 15m	over 9m	under 9m
LIFE FORM			under 5m open low woodland A  		
COVER CLASS (%)			2-10		
DOMINANT SPECIES			Wandoo Manni		
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM	 	Low Scrub A 		Low Heath C 	
COVER CLASS (%)	2-10	10-30		30-70	
DOMINANT SPECIES	Wandoo seed	Dune hor. Mangrove		Ac. pulchell. Scaevola pilul. Drosera hor.	
GRASSES		HERBS	SEDGES	over 0.5m under 0.5m	
LIFE FORM	 	Herbs   	 Very open low sedges  	  	
COVER CLASS (%)		30-70	2-10		
DOMINANT SPECIES		Gulf Ford Grass Drosera angul. Hypochaeris glab.	Horocarpus f.		

4. VEGETATION CONDITION

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

ELL16

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 (NBL 2)
Date 17/9/95
17/11/95

Record on Sheet

P70

- 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
<i>Eucalyptus wandoo</i> (nospec)	1			<i>Leucopogon propinquus</i>	51			<i>Ursina othemungoides</i>	35	✓	✓
<i>E. calophylla</i>	2			(Red stem brown) - <i>Darw. cit.</i>	59			<i>Borua (nitida) sphaero.</i>	36	✓	✓
				17/11/95				<i>Petersonia occidentalis</i>	39	✓	✓
				<i>Gona cordiger</i>				<i>Dampiera linearis</i>	41	✓	✓
				<i>Microlaena</i> ship				<i>Fraxina Trichachne spathulata</i>	43		✓
MALLEES				<i>* Lotus angustiss.</i>				<i>Stalidium bulbiferum</i>	46		✓
				GRASSES				<i>* Parent. lat.</i>	48	✓	✓
				(Grass sp 1) <i>*Hulpia myuros</i>	28			<i>Bonchus aboraceus</i>	49		✓
				<i>*Briza minor</i>	31	✓		<i>Hmalosciadium homocladum</i>	50		✓
SHRUBS				<i>*Neurachne alopecturades</i>	37	✓		<i>Hypoxis ? occido. (no fruit)</i>	52	✓	✓
<i>Hibbertia spicata</i> ssp <i>spic.</i>	3	✓	✓	<i>*Aira (cupeniana) cary.</i>	47	✓		<i>Eriogonum pinnat. ssp. piadt. = NI</i>	53		✓
<i>Grevillea pilulifera</i>	4	✓	✓	<i>*Briza maxima</i>	54	✓		<i>*Stachysia monogyna</i>	55	✓	✓
<i>*Isopogon asper</i>	5		✓					<i>*Casytha (sterile) (no spec)</i>	56		
<i>*Hakea lissoc.</i>	6		✓					SEDGES			
<i>Hypocalluma angustifolia</i>	7	✓	✓					<i>*Tetraria octandra</i>	44	✓	✓
<i>Nemcia spathulata</i>	8	✓	✓					<i>*Panicum fasciculata incert</i>	45	✓	✓
<i>Macrozamia reidii</i> (nospec)	9		✓	HERBS				<i>*Centropus drumm.</i>	69		✓
<i>Dryandra armata</i>	10		✓	<i>*Saurbaea laxiflora</i>	17	✓		<i>*Schoenus ? discifer (in bud)</i>	72		✓
<i>*Davasia horrida</i>	11		✓	<i>*Prosera mensepii ssp perillaris</i>	18	✓		<i>*Centropus aristata</i>	70		✓
<i>Acacia pulchella</i>	12	✓	✓	<i>*Panicum crithariza</i> (sk)	21			HERBS (cont'd)			
<i>*Boeckia ? camphorosmae (sk)</i>	13	OK	✓	<i>*Caladenia sp (NI) (no specimen)</i>	22			<i>(long hair herb) *Stipa pye</i>	57		✓ (sk)
<i>Nemcia reticulatum</i>	14	✓	✓	<i>*Dichapogon preissii</i>	23			<i>*Caesia micrantha</i>	58		✓
<i>Hibbertia commutata</i>	15	✓	✓	<i>*Hemodorum spp (sk)</i>	25			<i>*Mithra (spp) ? tenui. (seedling)</i>	60		✓
<i>*Melaleuca ? scabra (in bud)</i>	16		✓	<i>*F. Pat. occid.</i>	26			<i>*Burchardia umbellata</i>	61		✓
<i>*Grevillea sp. = pilulifera</i>	19		✓	<i>*Anagallis bicolor</i>	27			<i>*Chaemacilla corumbosa</i>	62		✓
<i>Xanthocera vacantho preissii</i>	20		✓	<i>*Galium murale (skrite)</i>	29			<i>*Prasophyllum sp (sk)</i>	63		✓
<i>Dryandra niva</i>	24		✓	<i>*Hydrocotyle pilulifera var. glab</i>	30 (sk)			<i>*Stalidium bunonium</i>	64		✓
<i>Xanthocera ? gracilus (no spec)</i>	38		✓	<i>*Hypochaeris glabra</i>	32			<i>*Thysanotus (sp) ? thyr (sk)</i>	65		✓
<i>Temp. bilob.</i>	40		✓	<i>(Sage weed) *Tritolium sp</i>	33			<i>*Tritolium sp. Divis columba (sk)</i>	68		✓
<i>Gompholobium Knight = Marg</i>	42		✓	<i>*Rumex rosea</i>	34			<i>*Veronica (sp) - dilectus (sk)</i>	66		✓

ADJ Temp. bilob.
Anis. bicolor

P70

**Levenhookia sp (seedling) pusill* 68 ✓
**Dracopis glanduligera* 72 ✓
**Pentstemon noniata (seedling)*

17/11/96

Parent. viscosa

Darw. thymoides
(leave out D. cit ~~≠~~

~~not found~~) Docitriodora
Tric. humilis omitted

Lox flexuosa - Desmodolus
aspera

Quinet. urv.

Galium sp.

Hibb. hyp.

Silox. humi.

Xant. preissii

Haem. dis.

Danth sp vsp

Haem. simplex

Lax. sessiliflora

* Linum trigynum

~~Goodenia aff~~ 1 ← Good. micrantha
~~micrantha~~

✓

Poreya tres.

ELLID 05

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No (New 1)

Date 17/9/95

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

Record on Sheet

- 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. Wandoo (no spec)	1							Trachymen pilosa (seedling)	31		✓
Nyctia florabunda (no spec)	2							Styracis anthracinoides	32		✓
								Stylidium brunneum	33		✓
								Stylidium calcaratum	34		✓
								Stylidium bulbiferum	35		✓
								Wormwood (sp) dioica	36		✓
								Anagallis arvensis	37		✓
								Millaria ? tenuifolia (seed)	38		✓
								Hydrocotyle ? pilulifera var. glabra	39		✓ (Seed)
				Briza maxima	40			Thysanotus pateronii ?	47		✓
				Briza minor	41			Lagotis huegii	48		✓
				Stipa pycnostachya	42			Cheilanthes austrotenuifolia	49		✓
				Stipa (sp) cary.	46			Drosera glanduligera	52		✓
SHRUBS	No	FI	ID	HERBS	No	FI	ID	SEDGES	No	FI	ID
Dry Nivea	2			Pateronia occidentalis	18		✓	Centrolepis aristata	49		✓
Hibertia spic. ssp spic	4	✓	✓	Xanthosia candida	19		✓	Homalium	45		✓
Hibertia ? comutata	5	✓	✓	Stadehausia monagyna	20		✓	Quinetia uru.			✓
Acacia pulchella	6	✓	✓	Romulea Rosea (Gould. Gass)	21		✓	Caesia micrantha			✓
Grevillea pilulifera	7	✓	✓	Solanum laxiflora	22		✓	Eriochloa dilatatus			✓
Phyllanthus calycinus (2 forms)	8	✓	✓	Hammarum (sp) laxum	23		✓				
Alocasuarie humilis	9		✓	Dichopogon preissii	24		✓				
Scavola ? fasciculata (sk)	10		✓	Calceolaria longicauda	25		✓	Homaloscadium hum.	53		✓ = 55
Gompholobium Knight ?	11		✓	Hyssopus alabara (flat weed)	26		✓	Homandra nigracana	54		✓
Baekia ? camphor (sk)	12		✓	Drosera manziesii ssp peninsul.	28		✓	Sage (weed) ? Parent. lat.	55		✓
Astroloma ? ciliatum (sk)	13		✓	Erygium pinnat. ssp pin.	29		✓	Amigozanthus (?) bicolor	56		✓
Xanthosia acantho.	14		✓	Bona sphaeroccephala	30		✓				
Macrorhiza Reichenii	15		✓								
Isopogon asper.	16		✓								
Nemcia capitata	17		✓								
Astroloma (sp) ? pallido (sk)	43		✓								
Gomph. Marg.	50	✓									
Xanthosia gracilis	51		✓								
Nemcia spathulata											

466 spic ssp spic
Phyl. cary.

Caesia micrantha

ELLIS Ø4

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 (ELLIS Ø4)

Record on Sheet

Date 17/9/95

9/10/96

- 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
EUCALYPTUS CALOPHYLLA	1		✓	XANTHOSIA CANDIDA	23		✓	TRIGLOCH HUMILIS	53		✓
(WANDOO) Euc. Wandoo	2		✓	COMPTOCORUM MARGINATA	24		✓	Thomasia? foliosum	50		✓ (str)
				SCILLA				Borrichia olerac.	51		✓
				CONOSTYLIS ACULEATA	26		✓	MUSINIA anthemoides	49		✓
				Hypocal. angust.	27		✓	Cryptandra pungens	54		✓
				Hovea pungens	43		✓	Opercularia vag.	NN		✓
MALLEES				HERBERTIA HYPERICOIDES	44		✓	Boma homa			
					45						
				GRASSES	51						
				GUILDFOUR GRASS)*Rom. Ros	28		✓				
				GRASS ISP.	29						
SHRUBS				(NATIVE)*NEURACHNE ALEO	32 = 48						
ACACIA PACHELLA	3		✓	STIPA ELEGANTISSIMA	39		✓				
Daviesia horrid.	4		✓	NEURACHNE ALEO.	42		✓	SEDGES			
Viminaria juncea	5		✓					POXYCARPA FLEX	32		✓
MELALUCIA RADULA	6		✓								
ACACIA SALINCA	7		✓								
Melaleuca? scabra	8		✓								
TRIADALUM FLORIBUND.	9			HERBS				*Hypochaeris glabra			
HAKEA UNDULATA	10		✓	STYLINUM BULB	25		✓				
Hakea viridescens	11		✓	BORRHA SPEROCEPHALA	30		✓	9/10/96			
= 11. 11	12			PERISTYMA RACI (Skale) = 1/2	31		✓	Darwinia thymoides	VSP		
STYPANERA = 34	13		✓	ORTHOSANTHUS LAXUS	33		✓	Tet. laevis (Skale)			
HAKEA INCRASSATA	14		✓	STYPANERA CLARA	34		✓	*Avena barkata			
Nemcia spathulatum	15		✓	PRIMELEA HIB. SSP PIL	35		✓	Stylidium affine			
= 11	16			HAEMODORAN * LAXUM	36		✓	*Hyp. glabra			
DRYANRA NIVEA (HILLS)	17		✓	SONERILAEA LAX.	37		✓	*Glossia anthrac.			
THOMASTIA MACRO	18		✓	(FERN) CHEIL. AUSTR.	40		✓	Petrophile biloba			
HEMIGERATA SERICEA	19		✓	CARROT = Doreas glochid	41		✓	Baecken camph.			
MACROZAMIA REID	20		✓	PATERMONTIA - OCCID.	42		✓	leuco = FLOR Ø1 = Spreng.			
DIPLOPELTUS HUEG. SSP LEH.	21		✓	DOCKEY ORCHID) DORIS CORY.	47		✓	Cassytha dichrocent.			
PHYLANTHUS CALY	22		✓	DROSEA SP	52			Triglochin (climb pers)			

↑
cuspiformis

mang.

WEEDS	
FLAT. WEED	46
	49.
	50
	51
SHRUBS	
CRYPTANDRA	54.

See over.

9/10/96

- Cryptandra sp(USP)
- Thomasia ~~lat~~ foliosa ✓
- Darwinia citriodora
- Stackhousia monogyne
- Caesia micrantha
- Laxmannia sessiliflora
- * Aca caryophyllaea
- Centrolepis aristata
- Aphelia cyperoides
- Schoenus ? sp 2
- * Briza max
- * Briza minor.

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 (EB 03)

Record on Sheet

Date 17/2/95

- 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 6108.

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. wandoo	1		✓	Gomph. marg	37		✓	* (weed) Ursin. anthem.	46		✓
				Synoph. pinatol	45		✓	(Dodder) Cassytha? Hova	48		✓ (sk)
				Hibbertia - same as 16 - hyp	47			* Atriplex arvensis	50		✓
Allocasuarina humilis	31							X Opuntia vaginata	51		✓
								* Stylidium bulbosum	52		✓
								* Anthopsis compressis	53		✓
MALLEES								* Halimolobos confusum	54		✓
								* Sonchus oler.	55		✓
				GRASSES				* Waitia spiralis	56		✓
				Cynodon glauca	11	✓	✓	* Hel. compressa M.			✓
				* (quillgrass) Rom. rosea	28		✓	* Ornithopus compressus	53		✓
SHRUBS				* Briza minor RH	38	✓	✓				
Acacia ovalifolia	2	✓	✓		39	✓					
Acacia pulchella	3	✓	✓	* Aca. cary.	40	✓	✓	SEDGES			
Melaleuca rodula	4	✓	✓	Schoenus? discolor (to young)	41	✓	✓	* Lepidob. prei.	42		
Greivillea bipinnatifida	5	✓	✓	* Acacia = 52	44	✓					
Hakea incrassata	6		✓	Stipa compressa	49						
Melaleuca? scabra = all sites	7		✓	* Neesia aleopec.	57		✓				
Hakea erinacea	8		✓	HERBS							
= 14	9		✓	Calceolaria micrantha	12	✓	✓				
Nemisia spathulata	10	✓	✓	Drosera erythrorhiza	15		✓				
Baronia cyroca	13	✓	✓	Haemodorum simulans	21		✓				
Trigonotis ledifolia	14		✓	(flower) * Hyp. glabra	22		✓				
Hibbertia hypericoides	16	✓	✓	Coronilla Menziesii	23		✓				
Melaleuca scabra	17		✓	Drosera menz. ssp. parvi.	25	✓	✓				
Templetonia biloba	18		✓	Borgia sphaero.	26	✓	✓				
RH - Hakea erinacea = 8	19		X		32						
Santalum. acut. (barbar. leaves)	20			Gerardia connata	33	✓	✓				
Cryptandra pubescens	24	✓	✓	Tricoryne humilis = 35	34	✓	✓				
Polypodium (skale)	27		✓		35						
Leucopogon sp = scalling	30		✓		36						
Allocas. humilis	31		✓	* Hypo. glabra	43		✓				

Isoplepis marg (ling)
Centropus
Stylis sp (annual) PTO

7/10/96

~~■~~ Baekon campio.

~~■~~ Burch. congesta

~~■~~ Xanth. acantho.

~~■~~ Stipa compressa

~~■~~ Milloha tenui

~~■~~ Wchl. preissi

~~■~~ Schoenus disciter

← ~~■~~ Goodenia micrantha ✓✓

~~■~~ * Parent. viscosa

~~■~~ Drosera (climb glab)
menzie ssp menz.

~~■~~ Homa. homa.

~~■~~ Trachymene ~~gococulor~~
(large lvs)

~~■~~ Syn. pinnate

~~ex Goodenia~~
~~off~~
~~micrantha~~ ?
claytoniana

ELB 01 &

BUSHL

5. SPECIES PRESCENCE

Label each

SITE No (E 1)

Record on

Date 17/9/95

9/10/95

Pitheca
Corymbosa ✓✓
 OK?
 id in Sept-Oct?

ORDING SHEET 3 - use pencil only

site code, date and plant's name or working name if required

- 1 plant name
- 2 plant number
- 3 flowering time- TICK if species flowering
- 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 6108.

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
2/10/95 <i>Mela. sp.</i> ✓✓	3			9/10/96 <i>Gomph. Marg.</i>				✓ <i>Trochome pilosa</i>	21		
✓ <i>Quercus uuv.</i>				✓ <i>Calad. Flava</i>				* (Flat weed) <i>Hyp. gleba</i>	37		
✓ <i>Ursinia anthem.</i>				<i>Amphipogon teretifolius</i>				✓ <i>Syntherisma bulbifera</i>	38		
✓ <i>Schoenus discolor</i> ✓✓				6/5/96 To be checked still.				✓ <i>Goodenia fasciculata</i>	42		
✓ <i>Danthonia pilosa</i>								✓ <i>Asti. palu.</i>	43		
✓ <i>Levenhookia pusilla</i>				9/10/96 <i>Elyth. brachy.</i>				✓ <i>Antennaria</i>	46		
MALLEES				✓ <i>Good. caerulea</i>				✓ <i>Chamaecilla corymbosa</i>	38		
✓ <i>Stylid bulb.</i>				GRASSES				✓ <i>Siloxenus humilis</i>	50		
✓ <i>Callitriche tomentosa</i>				✓ <i>Xanthopus acanthostachya</i> N/S	29			✓ <i>Hydrocotyle pilifera</i> ✓✓	50		
✓ <i>Ara. can.</i>	9/10			✓ <i>Neurotheca oleacea</i>	23	✓		9/10/96			
✓ <i>Gonocarpus cordiger</i>				✓ <i>(Luna. verna)</i>	25	✓		✓ <i>Comesperma sp.</i>			
SHRUBS				✓ <i>Agrostocrinum scabrum</i>	36	✓					
✓ <i>Petrophile (yellow) striata</i>	1	✓			47	✓		SEDGES			
✓ <i>Conothamnus trinervis</i>	2	✓		✓ <i>Amphipogon teretifolius</i>	48			✓ <i>Stachys monogyna</i>	28	✓	
✓ <i>Melaleuca scaberrima</i>	4	✓		(skate) = 45	49			✓ (Stop plant) <i>Haem. ? laxum</i>	30	✓	(ster)
✓ <i>Dryandra asrata</i>	5	✓			50			✓ <i>Lepido. tenue</i>	32	✓	
✓ <i>Dryandra hordleyi</i> (hiv.)	6	✓		HERBS				✓ <i>Lomandra sericea</i>	39	✓	
✓ <i>Leucopogon sprengelii</i>	7	✓		✓ <i>Dodder</i>				✓ <i>Lomandra caespitosa</i>	40	✓	
✓ <i>Epilobium apertum</i>	8	✓		✓ <i>Cassytha flava</i>	12			✓ <i>Schoenus discolor</i> (lim.)	41	✓	no
✓ <i>Agonis grandis</i>	9	✓		✓ <i>Burchardia congesta</i>	13	✓		✓ <i>Schoenus subarbutus</i>	41	✓	
✓ <i>Eriophora spicata</i>	10	✓		✓ <i>Syntherisma piliferum</i>	15	✓					
✓ <i>Kuhia stenocarp.</i>	11	✓		✓ <i>Garya sphaeroceph.</i>	16	✓		9/10/96			
✓ <i>Wittoria hypericoides</i>	13	✓		✓ <i>Syntherisma brachyotum</i>	17	✓		✓ <i>Mitella ten.</i>			
✓ <i>Acacia lateralis</i>	19	✓		✓ <i>Syntherisma (bulbifera) cal.</i>	18	✓		✓ <i>Podolepis sp.</i> = Asterid			other
✓ <i>Verticordia pennigera</i>	26	✓		✓ <i>(orchid fl.) Cyano-gen.</i>	20	✓		✓ <i>Stylid repens</i>			
✓ <i>Hib. hyp.</i> (brun.) = 13	34	✓		✓ <i>Coladina flava</i>	21	✓		✓ <i>Anarthria humilis</i>			
✓ (pear) <i>Gomph. knight.</i>	37	✓		✓ <i>Platanus miniata</i> (orange)	22	✓		✓ <i>Adonis/Potamo pygmaea</i>			✓
✓ <i>Acacia teretifolia</i>	44	✓		✓ <i>(fern) Cheil. austro.</i>	24			✓ <i>Thysanotus marg.</i>			
✓ <i>Olearia ? elaeophila</i> (ster)	45 = 46	✓		✓ <i>Drosera merz ssp. penc.</i>	27	✓		✓ <i>Veronica acosa</i>			
✓ <i>Allocasuarina humilis</i>	3	✓		✓ <i>(Daisy ?) = Waitzia parva</i>	28			✓ <i>Pultenaea ericifolia</i>			
✓ <i>Xanth. acanthostachya</i>											

Gonocarpus cordiger add to ELB 01

P70

9/10/96.

* Arra cany.

* Lotus angust

Homaloma

Tripter. brunonis VSP

Beantortia macrostemon.

Leucopogon sp VSP (check L. sprengeloides) - entered as L. sprengeloides
(L. aff. gracillima?)

Melaleuca ? aff. scabra

Melaleuca sp (not flowering) = ELLIB $\phi 2$ = VSP $\phi 1$ & $\phi 2$?

Tarotonia pilosa VSP ~ aff. scabra
↳

Entered as ~~Mel VSP~~
Mel aff. scabra: ~~M. radula~~?

Comesperme calyptera

ELLIS 02

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No. (ELLIS 2)

Date 17/9/95

9/10/96

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

Record on Sheet

- 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
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64 Nedlands WA 6108.

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
9/10/96				Asplen. Asplen.	21	✓	✓	Stylid. calc.			✓
Mesomel. kragena				Perrophile striata	22	✓	✓	Thelymitra crinata			✓
Stylid. bulb.				Attalea undulata	23	✓	✓	Lomandra sparsa	33		✓
Melaleuca sp. vsp = p1								Drosera menz ssp. per.	24		✓
Conostylis calicina vsp				9/10/96				Stachysia hueg.			✓
Cham. cornub.				Amphipogon? debilis vsp				Stylid. glabra			✓
MALLEES				Thysanotus mang.				Stylid. brunon.			✓
ADD Stachysmon p. d. r. m.								Flaparella timb.			✓
(no spec)				GRASSES				Elyanth. emarg.			✓
				Nauvachne alap.							
SHRUBS				9/10/96							
Xanthorrhoea acantha	1	✓	✓	Amphip. herbinafus							
Lambertia m. ssp. d. d. l.	2	✓	✓	Lobelia suavelens				SEDGES			
Nuytsia floribunda	3	✓	✓	Hydrocotyle sp. callicarpa				Terraria occid. v. d. r. m.	32		✓
Attalea conchitoides	4	✓	✓	Cassia glabella	1			Schoenus granat. v. d. r. m.	35		✓
Hibbertia hypericoides	5	✓	✓	Wartia paniculata				Schoenus suberectus	42		✓
Eriostroma spicatus	6	✓	✓	Gross. sp. vsp				Anarthria humilis	26		✓
Daviesia	7	✓	✓	HERBS							
Dryandra nivea (H. L. S.)	8	✓	✓	Pattersonia sp. v. d. r. m.	21						
Sphaerolobium pinnatum	9	✓	✓	Burchardia umbellata	32	✓	✓				
Daviesia preissii (Sk.)	10	✓	✓	Haemadornum v. d. r. m. (Sk.)	39	✓	✓	(Sk.) = discedor vsp			
Allocasuarina humilis	11	✓	✓	Pattersonia sp. (occid.)	40						
Perrophile sp. striata	12	✓	✓	Galadial. v. d. r. m. (Sk.)	41	✓	✓				
Conothamnus trinervius	13	✓	✓	Horocarya fasciculata	44			Andersonia sp. vsp	9/10/96		
Colothamnus torulosa	14	✓	✓								
Achinoschrobus acuminatus	15	✓	✓					9/10/96			
Hibbertia sp. commutata	16	✓	✓	9/10/96				Oxal. ? scalariformis	vsp		
Atargis grandiflora	17	✓	✓	Abadenia caerulea				Kingia australis			
Acacia feretifolia	18	✓	✓	Tecoma latifolia				Hibbertia ? pachy.	vsp		
Asroloma stoma.	19	✓	✓	Lev. hookia pusilla				Lax fascic.			
Baecela camphor.	20	✓	✓					Lamandra sericea			

Not checked

ADD to top ridge
Microcorys longifolia

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

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

Record on Sheet

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

15/11/96

Nem. dilatata → changed to *Nem. spatulata*.

1070

12/11/96

* Aira cany
Quinn, ar.

Note

to West a new
firebreak thru virgin bush
between paddock & old
rehab break appears to
go through a dieback area!!

Horse in site !!

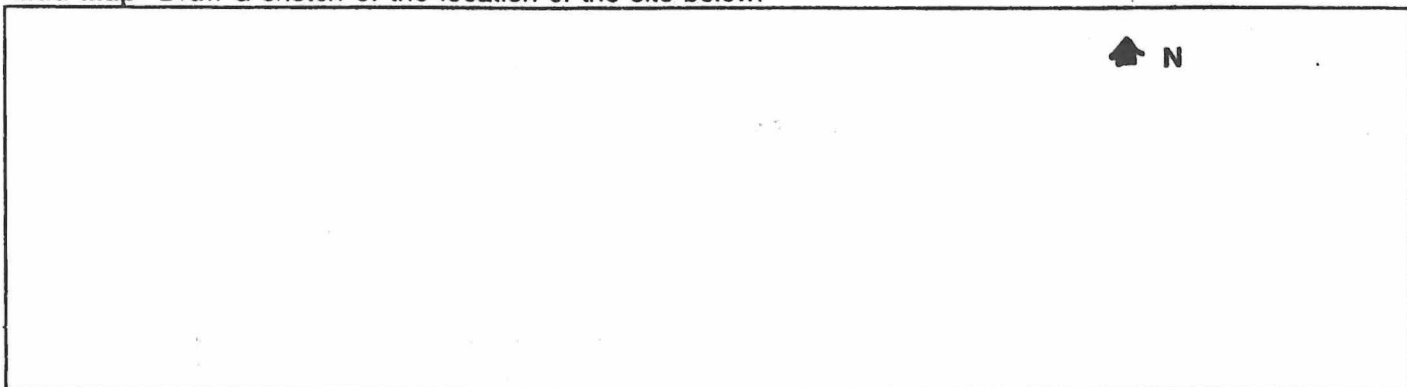
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA PART ELLIS BROOK SITE NUMBER NA
 DATE TRIP 10/10/94 RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST BJK

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.

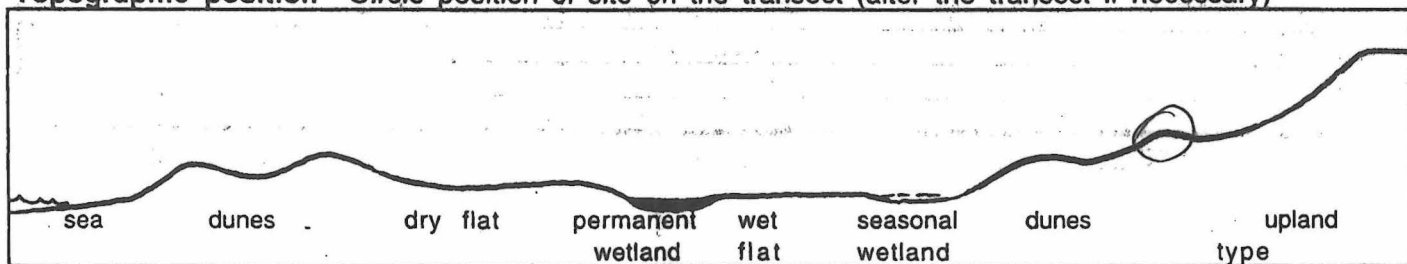


Road Location Quarry Rd

Geographic Location Latitude _____ S Longitude _____ N Altitude _____
 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 steep Aspect N NE E SE S SW W NW

Surface Soil Sand Colour grey
 Exposed rock type _____ % surface _____

Sub-surface Soil Sand Colour yellow
 Rock type _____ depth to rock _____

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

Litter	<u>100</u> % cover	Bare Ground	<u>0</u> % cover
Depth	<u>5</u> cm		

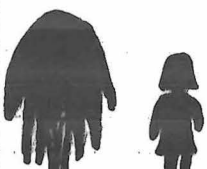
BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- use pencil only

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				MALLES	
	over 30m	15-30m	5-15m ✓ under 5m	over 8m	under 8m
LIFE FORM			Tarrak ~ Banksia att/menz 	Euc mang ? ssp elegantella VSP 	
COVER CLASS (%)			10-30 to 30-70		
DOMINANT SPECIES					
SHRUBS			SHRUBS		
	over 2m	2m-1.5m	1.5-1m	1-0.5m	under 0.5m
LIFE FORM		Scattered H. resicifolia H. trif. 			
COVER CLASS (%)			30-70	30-70%	
DOMINANT SPECIES			Lamb multi Alto hum Xanth. ? acanth.	Mixed	
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			30-70		
DOMINANT SPECIES	Danthonia pilosa.		Meso let Meso pseudo		

4. VEGETATION CONDITION

1	'PRISTINE'		COMMENTS Weeds edge & disturbed areas
2	EXCELLENT	✓	
3	VERY GOOD		
4	GOOD		
5	DEGRADED		

Note = Banksia Woodha. d 20m !!

ELLIS Brook M80

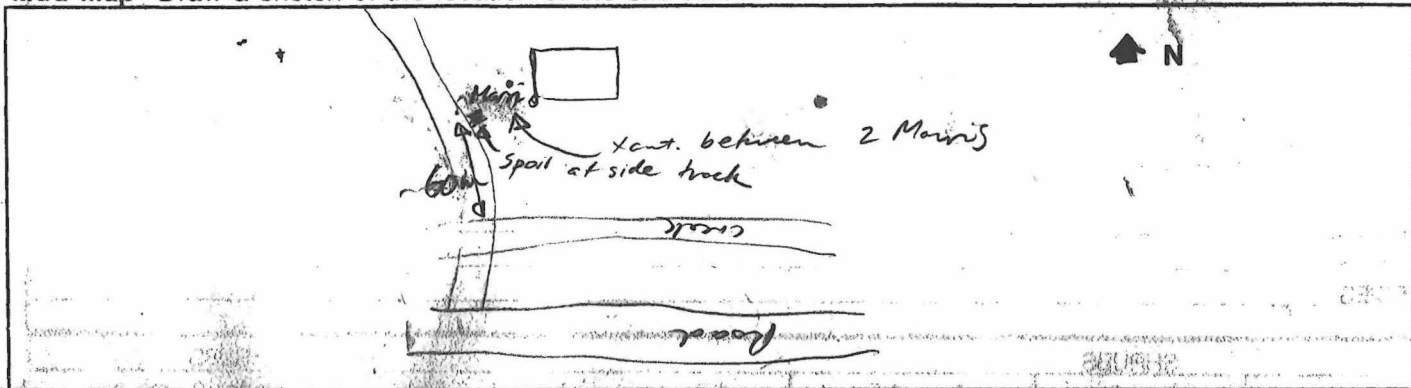
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ELLIS Brook M80 SITE NUMBER ELBR ELLIS 01
 DATE TRIP 10/10/94 RECORDERS BTK
 DATE TRIP _____ RECORDERS _____
 DATE TRIP 9/10/96 RECORDERS _____
 BOTANIST _____

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.



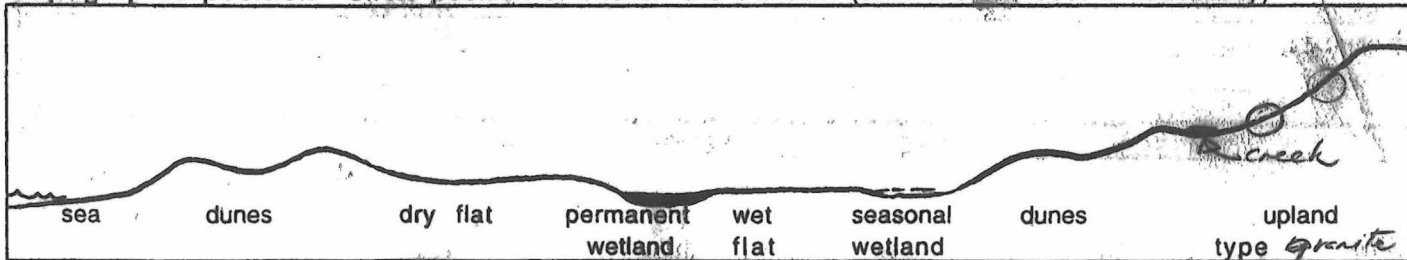
Road Location Rushton Road

Geographic Location Latitude 32° 03' 44" S Longitude 116° 01' 57" E Altitude ~50m

Reference Map from Env. geo. series ~50m

Photograph Photographer's Name JA Photo No. 33

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 sandy loam **Colour** grey

Exposed rock type quartzite / granite % surface _____

Sub-surface Soil **Colour** _____

Rock type as above depth to rock 10-40cm

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

Litter Depth 40 % cover _____ **Bare Ground** 0 % cover _____

Env. geo: GR (adj SH)

P.1
highland

crevice on lower slopes of scarp - in minor talus

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- 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	15 - 30m	5 - 15m under 5m	over 8m	under 8m
LIFE FORM			 <i>< 2% Marri from 5-15m</i>		 30m 10m
COVER CLASS (%)			<i>Scattered Marri</i>		
DOMINANT SPECIES					
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM	 <i>Open low Scrub A some to 7m</i>			 <i>Dense low Heath C</i>	 2m 1m
COVER CLASS (%)		<i>2-10%</i>		<i>> 70%</i>	
DOMINANT SPECIES	<i>Xanth albata</i>			<i>mixed</i>	
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM				<i>Very open low Sedges</i> 1m	
COVER CLASS (%)				<i>2-10</i>	
DOMINANT SPECIES				<i>Mosa tetra</i>	

4. VEGETATION CONDITION

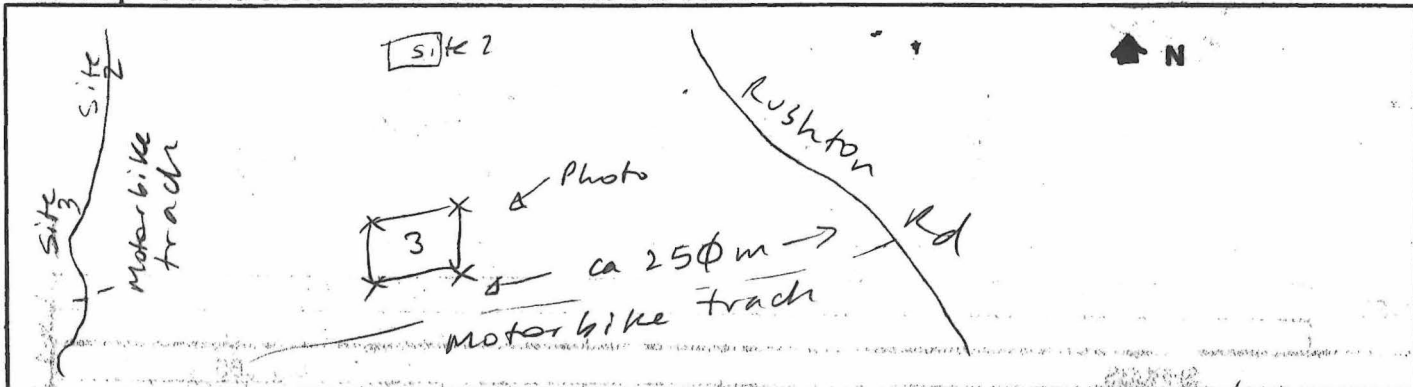
WATER QUALITY		COMMENTS
1	'PRISTINE'	
2	EXCELLENT	Few scattered weeds in herb layer
3	VERY GOOD	
4	GOOD	
5	DEGRADED	

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ELLIS BROOK SITE NUMBER ELBR ELLIS 3
 DATE TRIP 10.10-94 RECORDERS JJA BJK
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

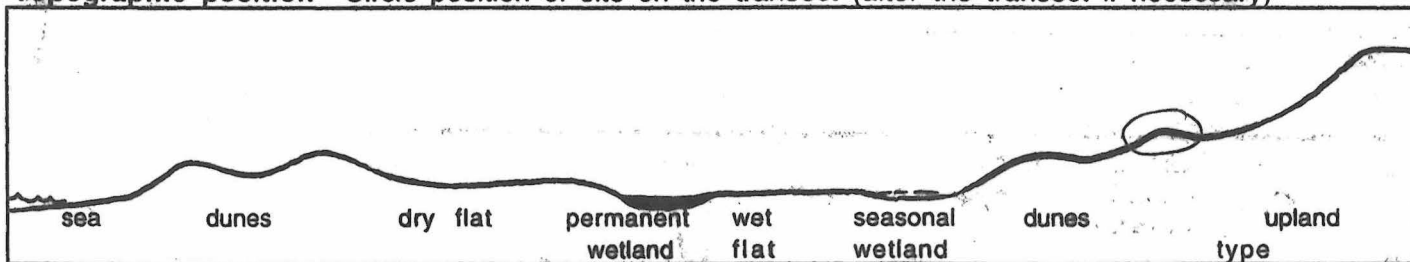


Road Location

Geographic Location Latitude 32° 03' 39.6" S Longitude 116° 01' 31.2" N Altitude ~ 40 m
 Reference Map from Env. geol series (60M AM)

Photograph Photographer's Name JJA Photo No 35

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 LOAM **Colour** PALE BROWN

Exposed rock type GRANITE % surface 10-30
+ QUARTZ

Sub-surface Soil GRT CLAY **Colour** WHITE

Rock GRANITE type _____ depth to rock _____

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

Litter _____ % cover _____ **Bare Ground** 10-30 % cover _____
 Depth cm

Env. geol. : GR (adj ^N SH)

P1
highland

lowerslope of 1st granite ridge.

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- use pencil only

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	15 - 30m	5 - 15m under 5m	over 8m	under 8m
LIFE FORM			 		
COVER CLASS (%)	—	—	—	—	—
DOMINANT SPECIES					
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM	 				
COVER CLASS (%)		2-10%	2-10%	2-10%	10-30%
DOMINANT SPECIES		Xanth 2 pr.	Xanth (presin) atanth	Dryandra Mel radulatscabra Ac. pulchella	Styl. bulbif
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM	Open Low Grasses 	Open Herbs 	 		 
COVER CLASS (%)	10-30%	10-30%			
DOMINANT SPECIES	Aira cany.	Tripterococcus brun Haemodorum ? panic			

4. VEGETATION CONDITION

1	'PRISTINE'	COMMENTS Burnt to a crisp ca 2yrs ago. Regenerating very well main weed spp *Aira Shallow soil - hill slope
2	EXCELLENT	
3	VERY GOOD	
4	GOOD	
5	DEGRADED	

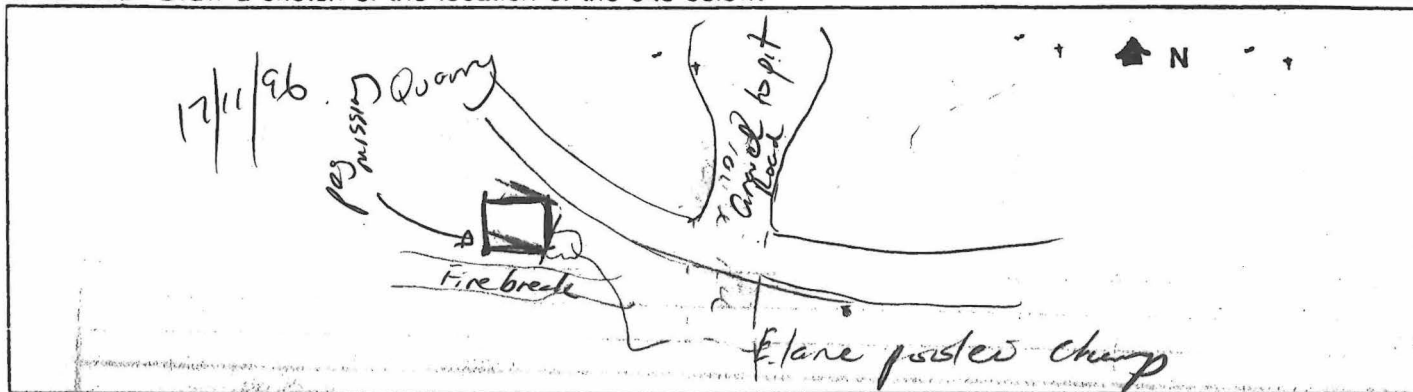
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA RUSHTON RD SITE NUMBER RUSH 3
 DATE TRIP 17-8-95 RECORDERS ALIE, JENNIFER, JARKE, NICKI
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST BRUNWYN

1. LOCATION of the QUADRAT

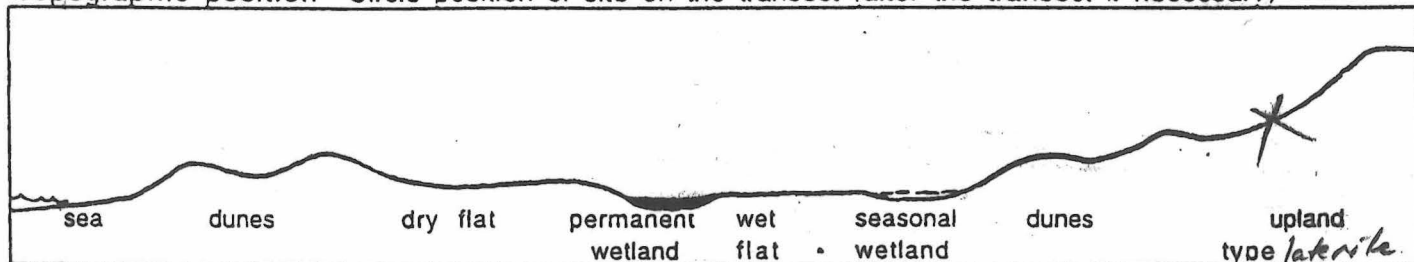
From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 54 Nedlands WA 6008.

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



Road Location RUSHTON RD. OFF CHURCH ST
 Geographic Location Latitude 32 03 49 S Longitude 116 01 33 E Altitude 90m (AM)
 Reference Map 32 03 49 (AM) 116 01 33 (AM) 90m (AM)
 Photograph Photographer's Name BRUNWYN Photo No 22

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 QUARTZITE / LATERITE / GREY SOIL Colour GREY
 Exposed rock type QUARTZITE % surface _____
 Sub-surface Soil LATERITE / QUARTZITE Colour RED/WHITE
 Rock LATERITE type _____ 30cm depth to rock _____
 Drainage well mod poor depth water cm Wet all year winter/spring
 Litter > 70 % cover _____ Bare Ground < 2 % cover _____
 Depth 1 cm

Position - RHS ①

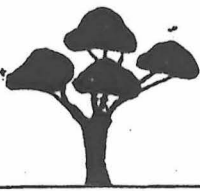
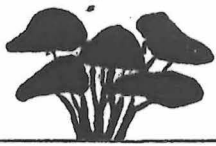
BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- use pencil only

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	15-30m	5-15m under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	NIL		12-10%	30-70%	2-10%
DOMINANT SPECIES			MAARI	LANE POOLEI	LANE POOLEI
SHRUBS				SHRUBS	
	over 2m	2m-1.5m	1.5-1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		30-70%	30-70%	10-30%	30-70%
DOMINANT SPECIES	K...	KINEA XANTH...	LANCERNA		DOYANDRA HSEKTA
		4AKET. UNULATA			
GRASSES		HERBS	SEDGES	SEDGES	
	over 0.5m			over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30%	2-10%			10-30%
DOMINANT SPECIES					

4. VEGETATION CONDITION

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

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 RUB 3

Record on Sheet

Date 17-9-95

17/11/96

- 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
EUCALYPTUS CAMERONIA	1			BAECKIA CAMPHOROSMATA	23			ORCHID 1 / CALAD. ? FLNA	47		(Sper)
NYCTZIA FLORIBUNDA	62			NEMERIA RETICULATA	24			STYLIUM (small) BULB.	48		
12/11/96				DALEIA plicata	25	RH		STYLIUM PILULIFERUM	49		
*Ara cary.				HOBBOTIA COMPACTA	26			STYLIUM CALCARATUM	51		
				ASTRANOMA PALLIDUM	27			AURICULA (UMBELLATUM) CONF	53		
				PERYPANDORA pungens	28	RH		AYDOROCORYLE PIL VAR GLAB.	55		
MALLEES				ACACIA HORRIDULA	30	RH		(CONOSTYLIS =) SCAEUOLA SP	59		
EUCALYPTUS LANE-POOLIE	2			HAEKEA INCRASSATA	31			HYPOLIS ? OCCID. (NO LI.)	59		
12/11/96				GRASSES				POCTHA (lost only) CAND. SP	60		
Stylid repens				HOBBOTIA SPICAT. SSP SPK	37			Stylidium bulbiferum	61		
Thp. plicata				DAMPiera LIN.	44			Arcto. calend	62		
SHRUBS				KALONIS GRAND	45			Cham. corym.	61		
XANTHOXANTHA ACANTHOSTACHYA	3			PUCTENABA ERICIFOLIA	50			SEDGES			
KINGIA AUSTRALIS	4			PIITHOCARRA CORYMB.	56			Plasomebena tetrag.	52		
HAEKEA UNULATA	5			ALACIA LATEICOLA	63			HAEMODORUM ? LAXUM	54		(Skr)
ALLOCAUDINA ? HUMILIS	6							LEPIDOSPERMA E. TERETE	58		RH
ISOPOGON DUBIUS	7							Paterosonia pygmaea	57		
LABROTIA multiflora var Darlingensis	8	RH		HERBS / GRASSES							
Petrophile striata	9			(DODA) / CASSIYTHA FLAVA.	21						
ALACIA PULCHRA ?	10			STYLIUM hederifolium	32	RH		17/11/96			
HUALATIMA ROBUSTUM	11			SEABERUS - sp hairy	33			Cassia flava			
HAEKEA CONCH.	12			BYTTBANGOTUS PATERSONII	34	RH		Halen. discolor			
MELALNA ? SCABRA ?	13			BRIZA 2 = * BRIZA MAX	35			Phibos mang			
DEMANDRA NIVIA	14			PROSOLA ERITHRISIA (NOT CALLED)	36			(ADD)			
CANTHAMONIS RUPEST.	15			POCTHA 3 = Donthoria sp.	38			Glech. biloba.			
HOBBOTIA HYBRICOIDES	16			(CRAM) / Amphipogon amphipo.	39			Stylid. carici.			
LEUCOPOGON ? sprunget	17			PLAMANDORA MYCRANTHA	40						
DAMPiera linearis	18	RH		DECEBA MENZ. SSP PEN	41			12/11/96			
ANDERSONIA LEHMANNI	19			LOTUS SP (seedling) angust	42			Hakea slava.			
ERISTEMUM STICUS	20			PHLOMIS CRINITA	43			Danth = 05			
DAMPiera ALATA	21			VIETCARIA BOANGRA	46			Danth sp VSP			
DRYANDRA PRMATA	22										

HAEKEA LISSOC.
HAIL ERINACEA torulosus ✓
17/11/96

*Mon bract ✓
Lom. sp. leaves ✓

Note
ADD

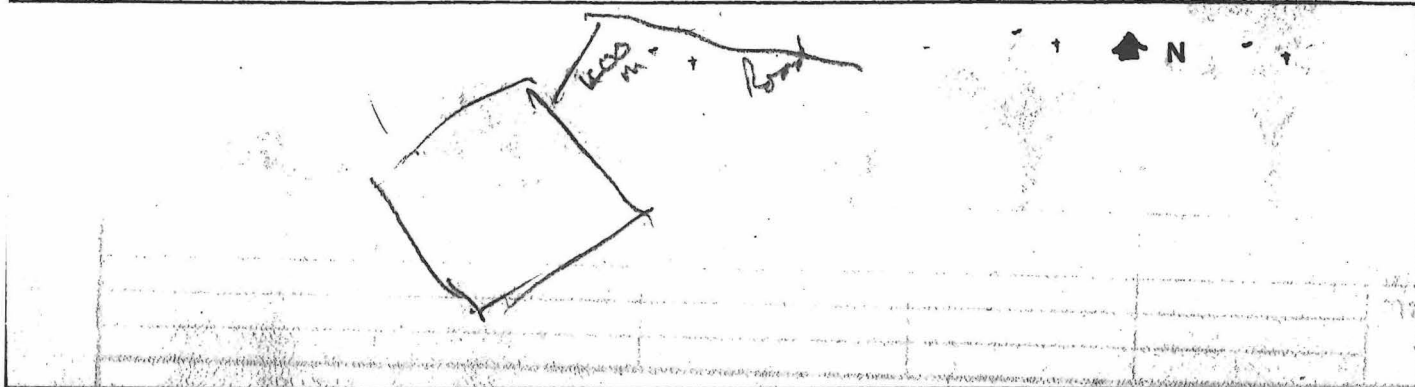
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Elk's Brook SITE NUMBER (ED 1) ELUB. 01
 DATE TRIP 17/9/95 RECORDERS Jan Nora. Mandy Margaret
 DATE TRIP _____ RECORDERS John Maureen Brian
 DATE TRIP _____ RECORDERS Constance
 BOTANIST _____

1. LOCATION of the QUADRAT

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

From 'Bushland Plant Survey' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 2 Nedlands WA 6008.



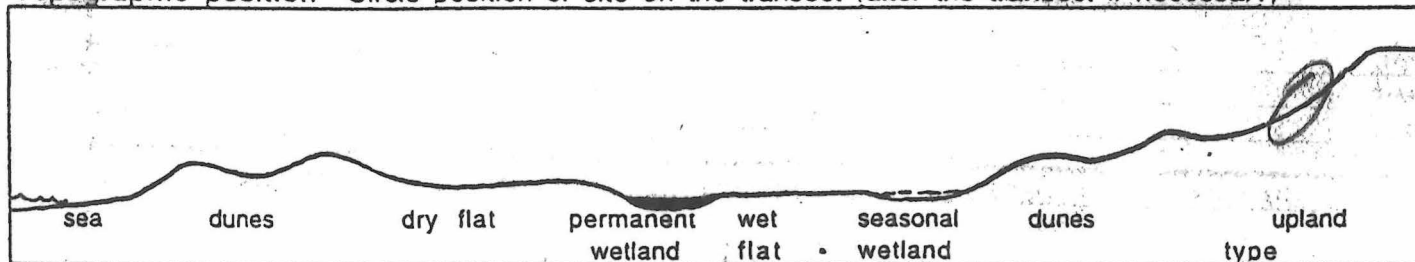
Road Location Long John Car Park 120 (Map)

Geographic Location Latitude 32° 03' 53.3" S Longitude 116° 01' 52.8" E Altitude 90 m

Reference Map 5th edition 32° 03' 53.3"

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 steep Aspect N NE E SE S SW W NW

Surface Soil quartz like grey clay Colour beige
 Exposed rock type quartz like yellow % surface

Sub-surface Soil gravel / clay Colour yellow/orange
 Rock type _____ depth to rock _____

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

Litter < 10% % cover _____ Bare Ground 40 % cover _____
 Depth < 1 cm

3
 mid slope
 steep for

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- 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%
-------------	-------	--------	--------	----------

LIFE FORM	TREES			MALLEES	
	over 30m	15-30m	5-15m under 5m	over 8m	under 8m
COVER CLASS (%)	6	0	0	0	0
DOMINANT SPECIES					

LIFE FORM	SHRUBS			SHRUBS	
	over 2m	2m-1.5m	1.5-1m	1-0.5m Dwarf Scrub	under 0.5m Low Heath D
COVER CLASS (%)	—	—	15	10-30	30-70
DOMINANT SPECIES			<i>Allocas. laurifolia</i> <i>Xanthorrhoea</i>	<i>Petroph. strict.</i> <i>Mel. ? scabra</i>	<i>Calothamn. rupestris</i> <i>Myrt. nivalis</i>

LIFE FORM	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
	Very open Grass	open Herbs			
COVER CLASS (%)	2-10	10-30	2%		
DOMINANT SPECIES	<i>Neurachne</i>	<i>Drosera</i> <i>Syntherisma</i> <i>Burchardia congesta</i>			

4. VEGETATION CONDITION

1	'PRISTINE'		COMMENTS burnt 3 summer ago.
2	EXCELLENT	✓	
3	VERY GOOD		
4	GOOD		
5	DEGRADED		

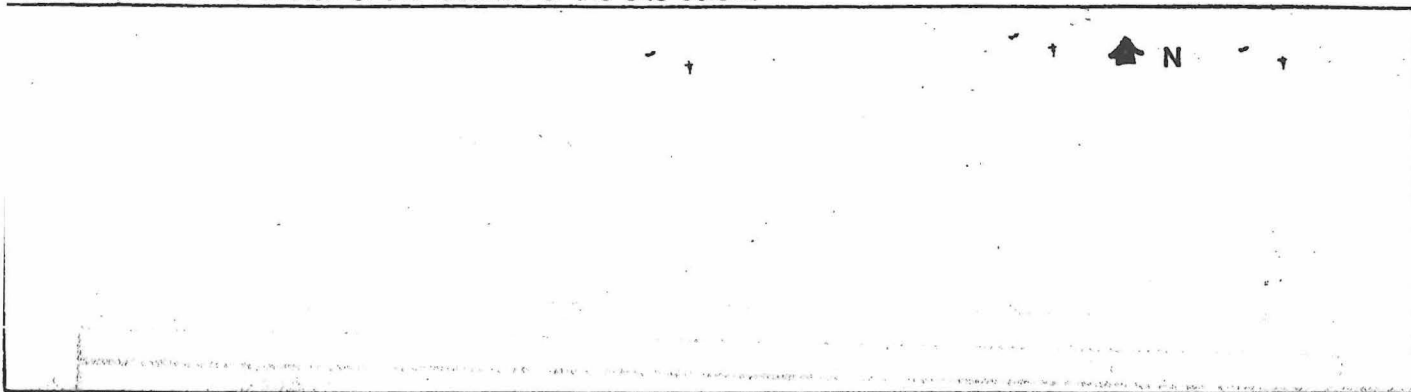
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ELLIS SITE NUMBER (TWO) ELLIS 02
 DATE TRIP 19-9-95 RECORDERS Greg/Till
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

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 2 Nedlands WA 6008.

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

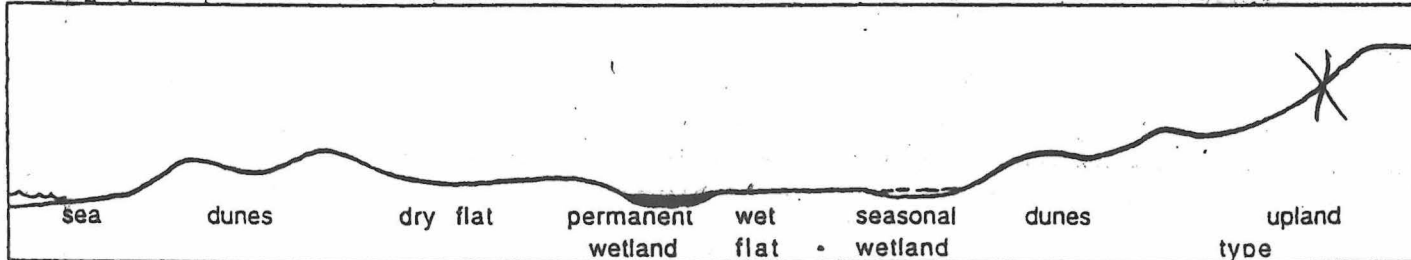


Road Location Ellis Brk

Geographic Location Latitude 32°03'51.5" S Longitude 116°01'50.6" E Altitude 100m
 Reference Map 320351.5 116 01 50.6 100m

Photograph _____ Photographer's Name Greg Keighery 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 Loamy clay Colour Brown
 Exposed rock type quartzite % surface 50%

Sub-surface Soil pockets Colour _____
 Rock quartzite type _____ depth to rock 0

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

Litter 0 Burn % cover 8 Bare Ground % cover 20
 Depth cm

mid-type (3)

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- 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	15-30m	5-15m under 5m	over 9m	under 9m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
SHRUBS				SHRUBS	
	over 2m	2m-1.5m	1.5-1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		< 2-10		30-70	10-30
DOMINANT SPECIES		Xanthorrhoea acanth.		Lambertia multiflora	Hibbertia hyp. Hakea conch.
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	< 2-10	< 2-10		2-10	
DOMINANT SPECIES					

4. VEGETATION CONDITION

1	'PRISTINE'	☒	COMMENTS Bwnr 2 1/2 years ago. nice view
2	EXCELLENT	☒	
3	VERY GOOD	☐	
4	GOOD	☐	
5	DEGRADED	☐	

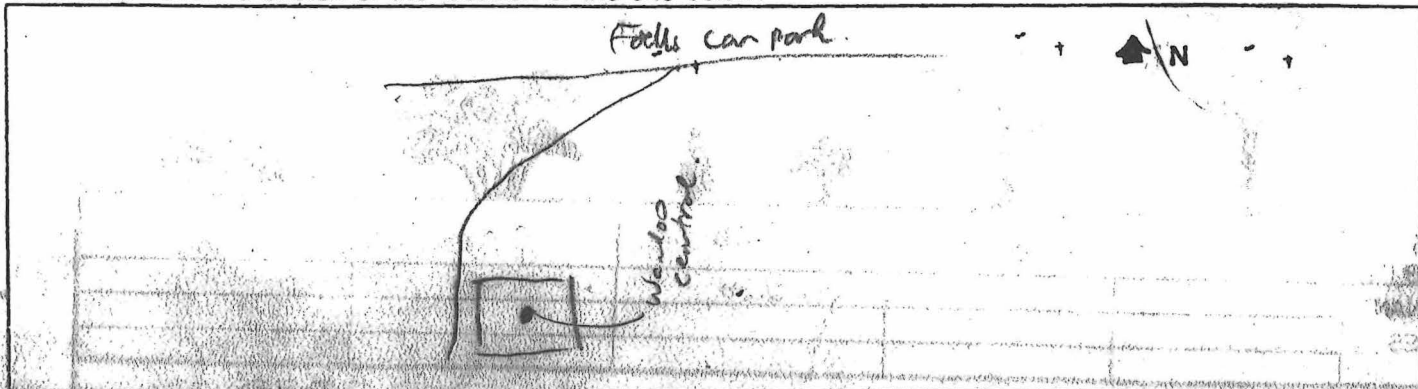
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ELLIS BROOK SITE NUMBER (EB 3) = ELLIS Ø3
 DATE TRIP 17.9.95 RECORDERS Jan Nora Mandy Margaret
 DATE TRIP 2/10/96 BJK RECORDERS John Maurice Brian
 BOTANIST Constance

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 2 Nedlands WA 6008.

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



Road Location

Geographic Location Latitude 32° 03' 48.3" S Longitude 116° 01' 57.7" E Altitude 10 m

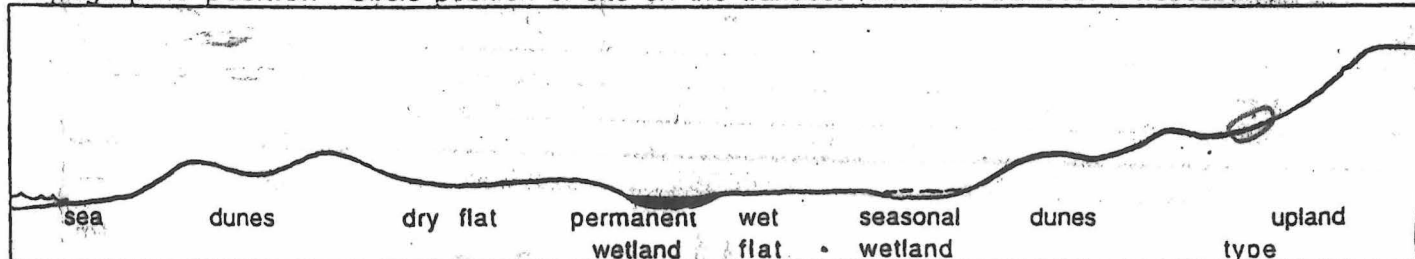
Reference Map 32 03 48.3 116 01 57.7 (100m map)

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 steep Aspect N NE E SE S SW W NW

Surface Soil clay / loam Colour brown
 Exposed rock type granite / basalt % surface < 5%

Sub-surface Soil clay gravel Colour orange / yellow
 Rock type depth to rock

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

Litter 5-10% % cover 2 cm Bare Ground 90-95% cover

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- 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	15-30m	5-15m under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	0	0	2-10		
DOMINANT SPECIES			Grass		
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	0	0	0	>70	30-70
DOMINANT SPECIES				Acacia onc. Melaleuca rad.	Nem. sp. etc
GRASSES		HERBS		SEDGES	
	Dense Grass	Open Herbs		over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	>70%	10-30		-	
DOMINANT SPECIES					

4. VEGETATION CONDITION

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

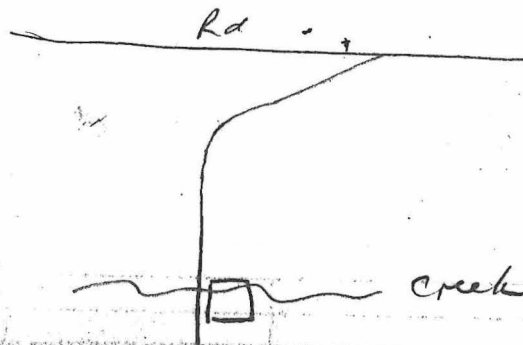
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ELLIS BROOK SITE NUMBER ELLIS 4.
 DATE TRIP 19/9/95 RECORDERS Jill Williams
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST CT Keighery

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
 4 Nedlands WA 6008.

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



Road Location

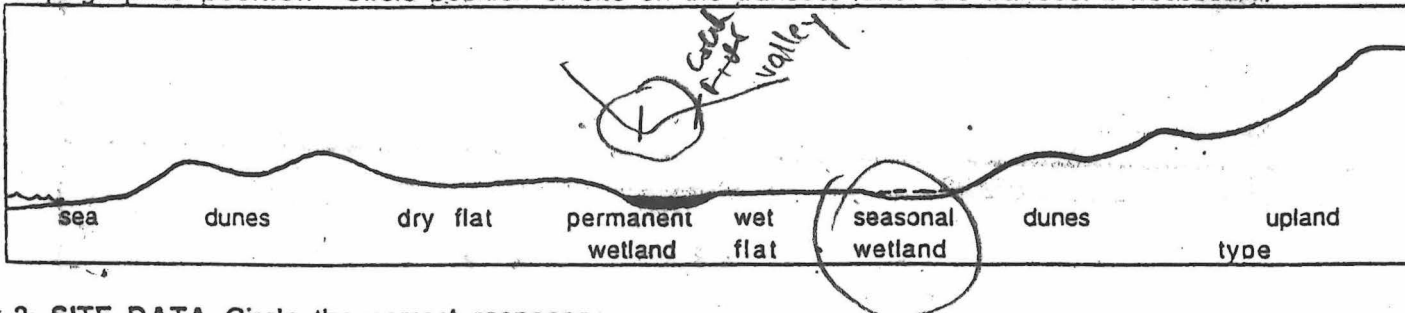
Geographic Location Latitude 32° 35' 19" S Longitude 116° 01' 56" E Altitude 80

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

Surface Soil CLAY Colour RED/BROWN
 Exposed rock No type % surface

Sub-surface Soil CLAY Colour BROWN
 Rock type depth to rock

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

Litter 50 % cover
 Depth 50-100 cm Bare Ground 2-10% %cover

covering

valley at base valley floor (NW)

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Muir)- use pencil only

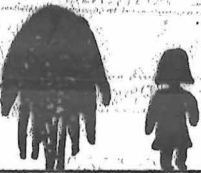
From '*Bushland Plant Survey*' written by B. Keighery (1994) and published by the Wildflower Society of WA Inc., PO Box 64 Nedlands WA 6008.

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		15 - 30m	5 - 15m	over 8m	under 8m
LIFE FORM			 		
COVER CLASS (%)	None	*	/	/	
DOMINANT SPECIES					
					30m
					10m

SHRUBS				SHRUBS	
over 2m		2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2%	/		30-70%	/
DOMINANT SPECIES				Mixed	
					2m
					1m

GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<2%	10-30%	/		>70%
DOMINANT SPECIES					Lox. flex.
					1m

4. VEGETATION CONDITION

		COMMENTS
1	'PRISTINE'	
2	EXCELLENT	* Calophylla & Wandoo adjacent = 15.30m
3	VERY GOOD	
4	GOOD	✓
5	DEGRADED	

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No Rush ①

Date 17/9/95.

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

Record on Sheet

- 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				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	
1			<i>Euc. calophylla</i> (ns.)					29	✓	✓	<i>Lomandra cespitosa</i>
								30	✓	✓	<i>Lomandra nigricans</i>
								31	✓	✓	<i>Drosera glauca</i> (ns.)
								35	✓	✓	<i>Drosera pallida</i>
								36	✓	✓	<i>Drosera stolonifera</i>
								38	✓	✓	<i>Platweeda</i> <i>hyp. glabra</i>
								43	✓	✓	<i>Caesia</i> (partiflora) <i>micrantha</i>
								44	✓	✓	<i>Amagallis</i> (Pimpernell) <i>arvensis</i>
								45	✓	✓	<i>Quinetia urveit.</i>
								46	✓	✓	<i>Cranouia odorata</i>
								47	✓	✓	<i>Millotia tenuifolia</i>
								48	✓	✓	<i>Paterosonia occidentalis</i>
								49	✓	✓	<i>Drosera erythrorrhiza</i>
											SEDGES
								33	✓	✓	<i>Loxocarya fasciculata</i>
								40	✓	✓	<i>Lepidosterna E. terke</i>
								41	✓	✓	<i>Mesomelasma tetragona</i>
								42	✓	✓	<i>Small sedge sp. = 54</i>
								51	✓	✓	<i>Centrolepis drummondii</i>
								56	✓	✓	<i>Schoenus (sp.) ? discifer</i>
								57	✓	✓	<i>Centrolepis aristata</i>
											HERBS
								15	✓	✓	<i>Stylidium p. piliferum</i>
								16	✓	✓	<i>Isotropis cuneifolia</i>
								17	✓	✓	<i>Burchardia congesta</i>
								18	✓	✓	<i>Conostylis aculeata</i>
								19	✓	✓	<i>Sowerbaea laniflora</i>
								21	✓	✓	<i>Podolepis gracilis</i>
								22	✓	✓	<i>Thyaspispermum cotula</i>
								23	✓	✓	<i>Stylidium brunonianum</i>
								24	✓	✓	<i>Thysanotus marq</i>
								25	✓	✓	<i>Caladenia flava</i> (ns)
								26	✓	✓	<i>Hyperanthus nigricans</i> (ns)
								27	✓	✓	<i>Cassytha ? racemosa</i>
								28	✓	✓	<i>Ursinia anthemoides</i>
											HERBS (cont)
								50	✓	✓	<i>Laxmannia sessiliflora</i>
								51	✓	✓	<i>Teachymene pilosa</i>
								52	✓	✓	<i>Haemodorum ? laurum</i>
								53	✓	✓	<i>Chaenactis corymbosa</i>
								54	✓	✓	<i>Stylidium bulbiferum</i>
								60	✓	✓	<i>Stackhousea monogy.</i>
								62	✓	✓	<i>Paterosonia juncea</i>
								63	✓	✓	<i>Lomandra sericea</i>

off site = *Conothamnus tenebris* ✓

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 Rush (2)

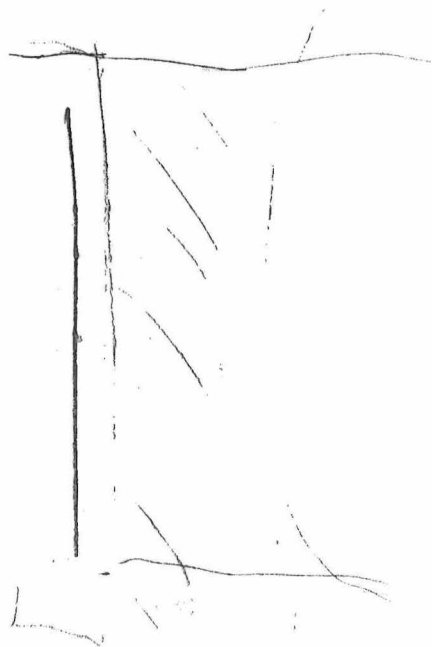
Record on Sheet

Date 17/9/95

- 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
Bank menz.				Isopogon dubius				Chaem. ? (sterile)			
Bank att.				Akacia nusc.				Loma. herm			
Muyt Flori				Dracopis lindl.				Core. setig.			
				Stylidium robustum				Stylidium cano			
								Lomandra sericea			
								Pterostylis recurva			
MALLEES								Pterostylis recurva ssp. rudis			VP
								Stylidium glabra			
				GRASSES				Stylidium asparag. (seedlings)			
				Neurachne alopec.				Johnsonia occidentalis			
				Danthonia sp. (sterile)				Lomandra ramosa			
SHRUBS								Prosera micrantha (SCP)			
Akacia trif.								Lomandra caespitosa			
Core. triplinervium	1		RH					SEDGES			
Stylidium bart.								Mes. pseudo.			
Salath. sp. ?acanthostachya								Centro an state			
Lamb multi. var darlingensis								Tetrandia octandra			
Stylidium humilis								Lepido chaetoccephalus			
Metaleuca ?scabra trid.	2		RH	HERBS							
Prosera pauciflora				Prosera eryth.							
Proser. camp.				Mitras. paradoxa							
Acaea sessilis				Trach. pilosa				Herbs (cont)			
Daviesia decurrens				Mitras. anthemoides				Chaem. corymb.			
Stylidium hyper.				Lepo. pimbri.				Sylidum (=stabi) ?piliferum			
Bassia teriocarpa				Calad. flava				Johnsonia pubesc.			RH
Callitrix ?angulata (sterile)				Corryha / sp. (= Rush 1) ?raemosa				Nearby			
Phyllanthus calycinus				Stylidium brom.				Eriosema spicatum			
Conost. trinervis				Conost. aculeata							
Daviesia nudiflora				Prosera palacae							
Tetraphile linearis				Chaem. sessi.							
Calachia punctata				Leven. pusilla							
Stylidium heugelli				Crassula colorata							



Go?