entered as , CAK

QUADRAT DATA SHEETS

for the

CLACKLINE RAIL RESERVE

(Quadrats CLAK 01 – CLAK 8)

Acacia acuminata low open Scrub Shrubland. Total 37 species incl 17 weeds (45%)

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA CLAKLINE RAIL RES. SITE NUMBER CLAK1 one

DATE TRIP 7/9/97 RECORDERS Jill, Brian, Brad, Logan.

DATE TRIP _____ RECORDERS _____

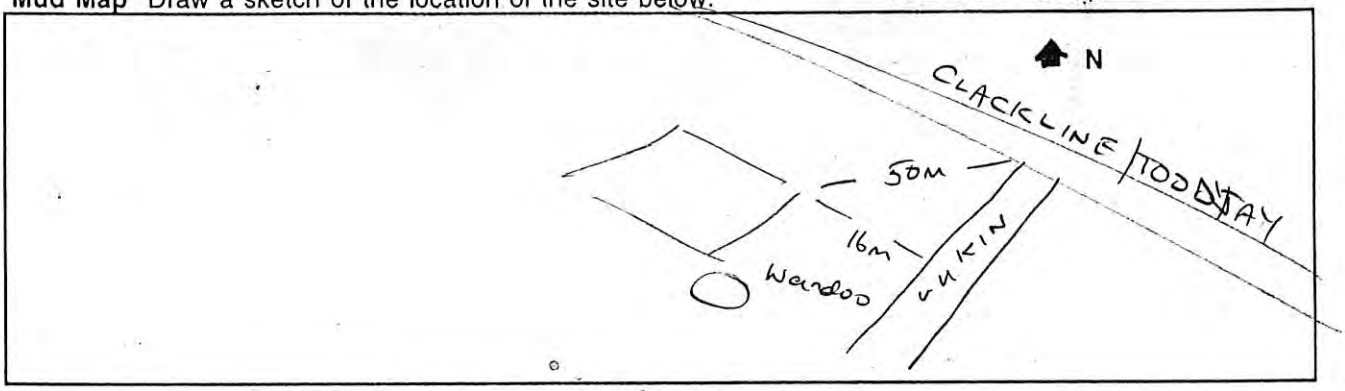
DATE TRIP _____ RECORDERS _____

BOTANIST _____

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

1. LOCATION of the QUADRAT

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



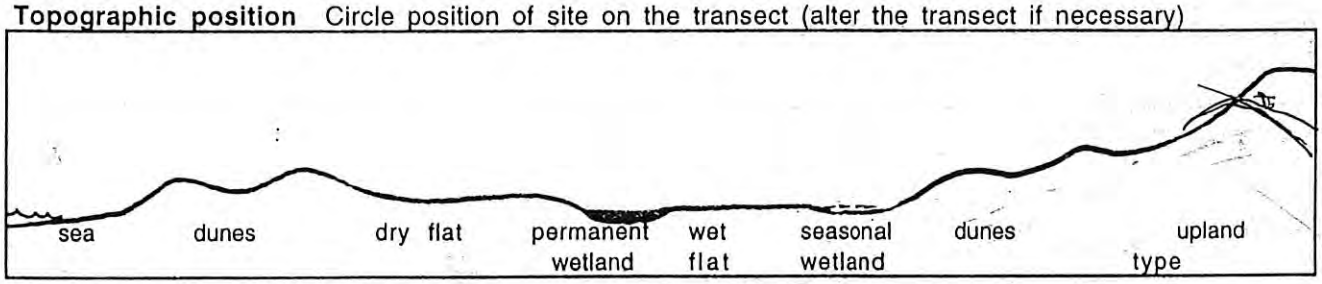
Road Location 16m to road / Lukin Road - north side.

Geographic Location Latitude 31° 42 mins S Longitude 116° 31.262 E Altitude 234m

Reference Map 31° 42' 05.1" .085 116° 31' 15.7" +- 45

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 gravel loam ***Colour*** choc brown

Exposed rock ***type*** N/A % surface NA

Sub-surface Soil unknown ***Colour***

Rock ***type*** depth to rock

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

Litter % cover 50 ***Bare Ground*** %cover 0

Depth cm ~~1cm~~ / leaf

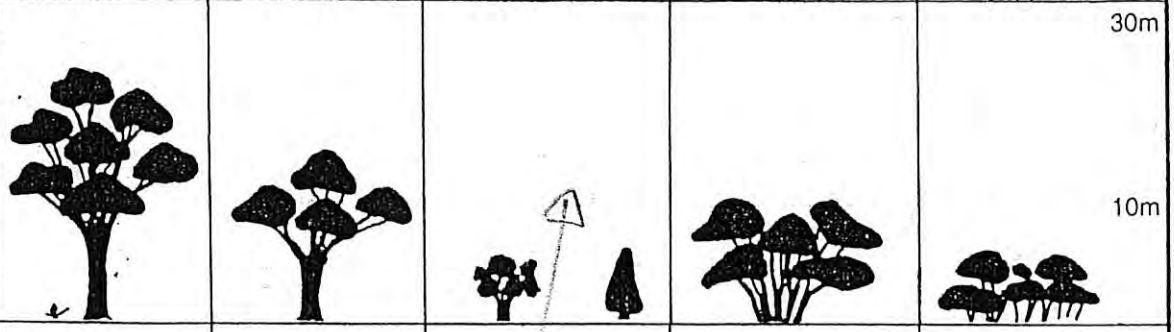
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

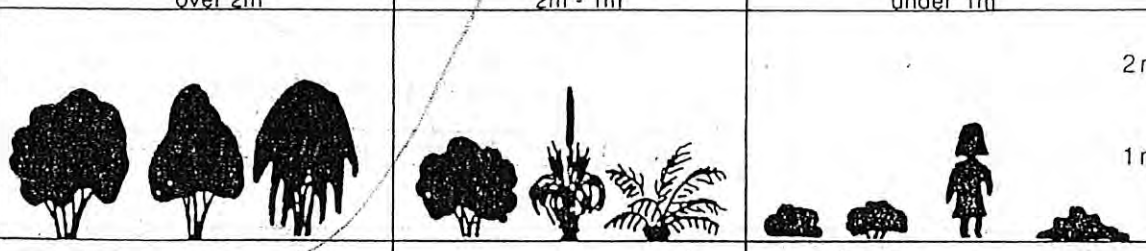
3. VEGETATION STRUCTURE AND COVER

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 (%)		10 - 30			
DOMINANT SPECIES		WANDOO			

	SHRUBS		SHRUBS
	over 2m	2m - 1m	under 1m
LIFE FORM			
COVER CLASS (%)	30-70		< 2-10
DOMINANT SPECIES	Acacia Acuminata		Hakea Prorrata

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				
COVER CLASS (%)	30-70	30-70		
DOMINANT SPECIES	*Briza *Vulpia *Avena.	Asteraceae.		

4. VEGETATION CONDITION

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

COMMENTS

November - site dominated by weedy annual grasses.

?

o

November; site dominated by annual weedy grasses.

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No	CLAK 1
Date	7/9/97
	29/10/97

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

start at 36

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	Fl	ID
Euc Wandoo subsp WANDOO	1		✓
(overhanging - adjacent community)			
MALLEES			
SHRUBS			
Acacia Acuminata	2	✓	✓
Hakea Prostrata	3		✓
Allocasuarina campestris Det: Elizabeth Bennett.	4		✓
Herbs			
Whiffia nitida	37	✓	✓
Echium plantagineum (Paterson's Curse)	38	✓	✓
* Silene gallica	44	✓	✓

SHRUBS (cont.)	No	Fl	ID
* Ehrharta longiflora (Veldt Grass)	45		✓
Austrostipa elegantissima. =17	43	✓	✓
GRASSES			
Neurachne alopecuroides	12	✓	✓
Danthonia ? UNKNOWN GRASS	14		✓
Austrostipa elegantissima =43	17	Nov	✓
* Avena barbata	23	✓	✓
* Stenlegrass (Vulpia) [illegible]	32		✓
* Brachypodium distachyon	39	✓	✓
Austrostipa variabilis	40	✓	✓
* Vulpia myuros.	41	✓	✓
* Briza maxima = 24	42	✓	✓
HERBS			
Dianella Revoluta var vavoluta	5	Nov	✓
Haemadorum sp prob H. laxum	6		✓
Borya Sphaerocephala	7	✓	✓
Tribonanthes longipetala	8	✓	✓
Anigozanthus bicolor	9	✓	✓
* Ursinia anthemoides.	10		✓
* Arctotheca calendula	11	Nov	✓
* Romulea Rosea	13	✓	✓
* Hypochaeris glabra	15		✓
* Erodium botrys.	16	✓	✓
Podolepis lessonii	18	bud	✓
* Anthocallen Arvensis	19	Nov	✓
Waitzia sp?	20		✓

HERBS (cont.)	No	Fl	ID
Kennedia Prostrata	21	✓	✓
Buschadia Congesta	23		✓
* Briza Maxima =42	24		✓
* Trifolium Subterraneum	25		✓
* Trifolium dubium	26	✓	✓
* Sonchus oleraceus	27		✓
Lomandra caespitosa	28		✓ GOK.
Thysanotus patersonii	29	✓	✓
Dichopogon capillipes	30		✓
Ophioglossum lusitanicum.	31		✓
Crassula exserta	34		✓
* Acaena echinata	35		✓
* Sonchus sp.	36		
SEDGES			
Lepidosperma Costale	33	✓	✓
Trifolium campestre	46		✓
*Hypochaeris glabra			

L. prassii has thickened leaf margins.

ADJ - PTO

Total 37 species incl 6 weeds.

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA CLACKLINE - TOODYAY HERITAGE TRAIL SITE NUMBER CLACK A = CLAK 2.

DATE TRIP 7/9/97 RECORDERS EB, SC, AB

DATE TRIP _____ RECORDERS _____

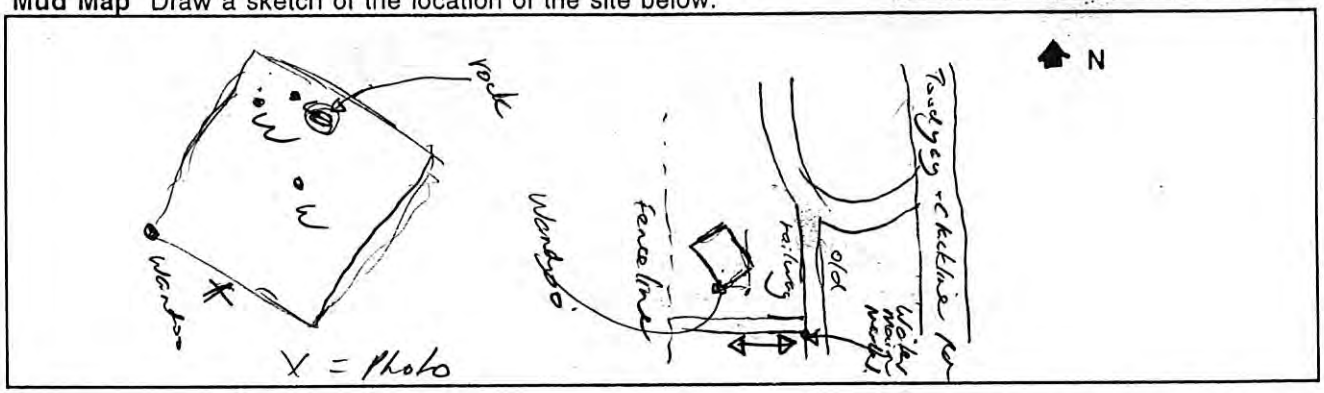
DATE TRIP _____ RECORDERS _____

BOTANIST BJK.

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

1. LOCATION of the QUADRAT

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



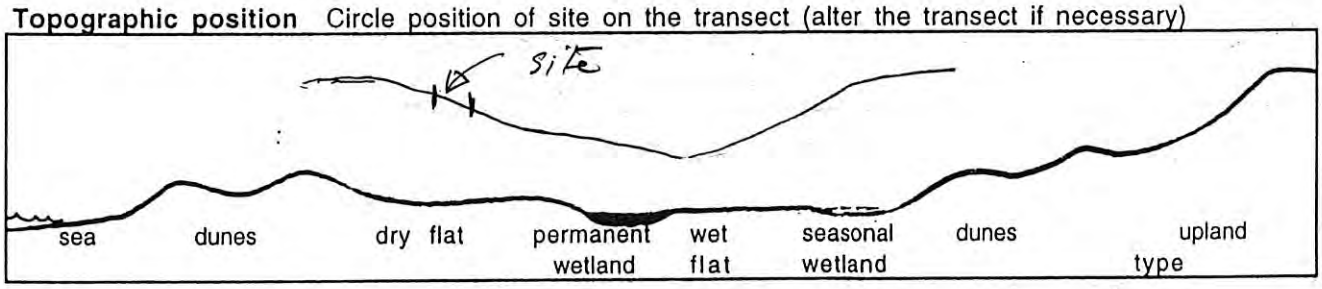
Road Location Toodyay - Clackline Road, South of Old Lawnswood Station.

Geographic Location Latitude 31° 41' 09.15" S Longitude 116° 31' 21.15" E Altitude 327m

Reference Map 31° 41' 06.9" 116° 31' 12.9" ± 28m

Photograph Photographer's Name BJK. 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 loamy gravel **Colour** brown-red.

Exposed rock type NA % surface

Sub-surface Soil loamy gravel **Colour** brown-red.

Rock type depth to rock

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

Litter	>70 % cover	**Bare Ground**	%cover
Depth	/ cm		

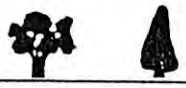
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

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			Allocas all young 1-2m but adj ind. 2m and clumps 		30m 10m
COVER CLASS (%)		30-70%	2-10%		
DOMINANT SPECIES		Euc. wandoo (1)	Allocas. huegi (sp3) Acacia ~~acuminata~~ (sp2) microbotrya		

	SHRUBS		SHRUBS
	over 2m	2m - 1m	under 1m
LIFE FORM	Adj clumps of Dry sessilis		2m 1m
COVER CLASS (%)		30-70	10-30%
DOMINANT SPECIES		Gast. oxylob. (sp4) Gast. spin (sp5) Acac. [illegible] (sp6)	Bossiaea eriocarpa (sp7) Trymal. led. (sp8)

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				1m
COVER CLASS (%)	2-10%	30-70%		
DOMINANT SPECIES	Neurachne alop. *Avena barb.	*Rom. rosea Arth. cap.		

4. VEGETATION CONDITION

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

COMMENTS

*Romulea rosea forms layer, pile soil in plot, rock.

2.

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No CLARK A2
Date 7/9/97
29/10/97
39→

Label each plant with plants number, site code, date and plant's name or working name if required
Record on Sheet ✓ = 7/9/97 * =

- 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	Fl	ID
Eucalyptus Wandoo subsp wandoo	1		✓
Acacia microbotrya	2	✓	✓
Allocasuarina huegeliana Det: Elaine Bennett	3	✓	✓
MALLEES			
SHRUBS			
Gastrolobium microcarpum	4	✓	✓
Gastrolobium spinosum var. lasiocarpa	5		✓
Acacia lasiocarpa	6	✓	✓
Bossiaea eriocarpa	7	✓	✓
Trymalium ledifolium subsp. ledifolium	8	✓	✓
Dryandra sessilis var. sessilis	9	✓	✓
Thomasia purpurea.	10	Nov	✓
Phyllanthus calycinus	11	✓	✓
Conostylis cordiger	25		✓
Leschenaultia bilobe.	26	buds	✓
Thomasia sp.	27		?
Operularia vaginata	28	Nov	✓
Grevillea vestita (?).	34	✓	✓
Hakea prostrata	35		✓
Gompholobium marginatum	37	✓	✓

SHRUBS (cont.)	No	Fl	ID
GRASSES			
Neurachne alopecuroides	20	✓	✓
Microlaena stipoides	33		✓
~~Danthonia~~ sp. UNKNOWN Introduced GRASS	36		✓
*Briza maxima. NIS	40	✓	✓
*Avena barbata NIS.	41	✓	✓
Austrodanthonia acerosa	42	✓	✓
HERBS			
Romulea rosea	12	✓	✓
Sowerbaea laxiflora	13	✓	✓
Stackhousia monogyna	14	✓	✓
Drosera macrantha ssp macrantha.	17	✓	✓
Burchardia congesta	18	✓	✓
Haemodorum sp. Prob. H. laxum	19	Nov	✓
*Hypochoeris glabra (Tiny) No spec	22		✓
Chamaescilla corymbosa var corymbosa	29	✓	✓
Tricoryne elatior fl 29/10.	30	Nov	✓
*Ursinia anthemoides	31		✓
*Arctotis arctotis	32		✓

=29

+ Chamaescilla corymbosa var corymbosa I.D. ✓

HERBS (cont.)	No	Fl	ID
Caesia alfordii =16.	39	✓	✓
adj. Hakea undulata		✓	✓
Boronia scabra ssp scabra		✓	✓
SEDGES			
Lepidosperma sp	21	✓	✓
Austrostipa sp.	23		✓
~~Weedy grass~~ unidentified	24		✓
Desmocladus asperata	38		✓
~~Hordeum~~ Hyalosperma angustifolium	adj	✓	✓
Pterostylis vittata		✓	✓
adj. Diuris corymbosa		✓	✓
Hibbertia commutata montana		✓	✓
Dampiera lanceolata			✓
Stylandra glauca			✓
Anigozanthos humilis		✓	✓
Bonya sphaerocephala		✓	✓
Acacia acuminata.			✓
Chelanthes austrotenuifolia			✓
~~Loxocarya~~ Desmocladus asperata			✓
* Watsonia spp			✓
* Oxalis purpurea			✓
* Oxalis pes-caprae			✓

Astroloma epacridis. ✓
Acacia shuttleworthii ✓
Orthrosanthus laxus var gramineus ✓

Total spp = 44
incl. 9 weeds.

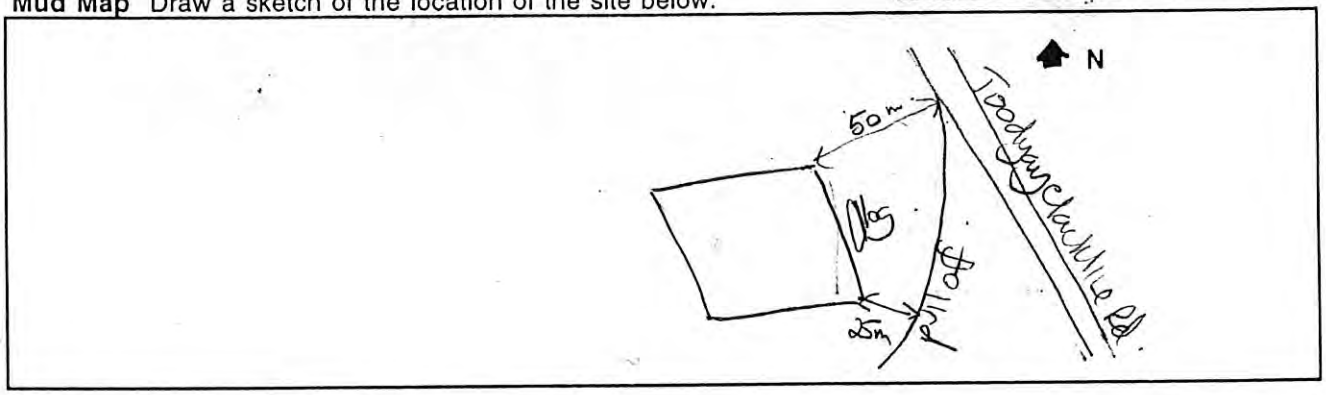
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA CLACKLINE. RAIL RES. SITE NUMBER CLACK (3).
DATE TRIP 7/9/97 RECORDERS Stan Webster, Wendy Potter, AGG
DATE TRIP _____ RECORDERS _____
DATE TRIP _____ RECORDERS _____
BOTANIST Ann Gunness.

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

1. LOCATION of the QUADRAT

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

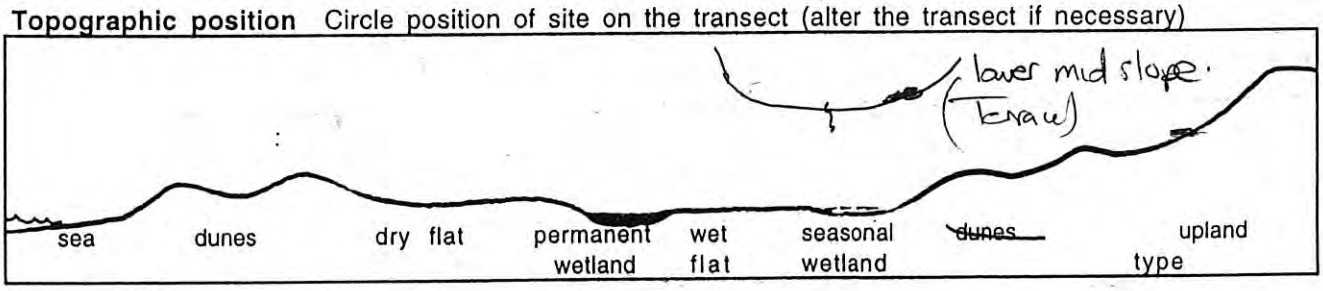


Road Location Clackline - Toodyay Road - south old Lawnswood Station.

Geographic Location Latitude 31°41.813 S Longitude 116 31.254E Altitude 421 ± 80
Reference Map 31° 41' 48.8" 116° 31' 15.2"

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 — ENE

Surface Soil bare ***Colour*** Choc. brown.
Exposed rock ***type*** – % surface

Sub-surface Soil clay loam. ***Colour*** Red-brown.
Rock ***type*** ( ) depth to rock

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

Litter	80-90%	% cover	***Bare Ground*** 2 (<5%) %cover
	Depth 1-2	cm	

BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

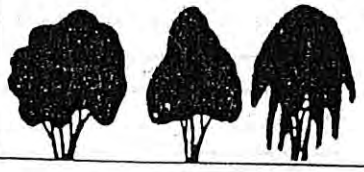
3. VEGETATION STRUCTURE AND COVER

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	Marri tree 20 m(ht) nearby.				30m 10m
COVER CLASS (%)		10-30% (+)			
DOMINANT SPECIES		Euc. calophylla. Euc wandoo.			

	SHRUBS over 2m	SHRUBS 2m - 1m	SHRUBS under 1m
LIFE FORM			2m 1m
COVER CLASS (%)		30%.	~ 10%
DOMINANT SPECIES		Xanth preissii. Bossiae eriocarpa. Hypocalymma angust.	Hakea lissocarpa.

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				1m
COVER CLASS (%)	<5%.	<2%.	<5%	
DOMINANT SPECIES	?		Tetraria octandra.	

4. VEGETATION CONDITION

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

COMMENTS

Eg Regrowth from former timber use.
Some weed (grass) invasion
(+ Romulea rosea)

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No Clack 3
Date 7/9/97
29/10/97 (44 →

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	Fl	ID
Euc calophylla.	1		✓
Euc. wandoo. (no spec)	2.		✓
MALLEES			
SHRUBS			
Bossiae eriocarpa.	3	✓	✓
Xanthorrhoea preissii NIS.	4.		✓
Hypocalymma angustifolium	5.	✓	✓
Gastrolobium microcarpum	6	bud	✓
Dampiera lavandulacea =15.	7	✓	✓
Hakea lissocarpha	8	✓	✓
Dryandra lindleyana subsp. lindleyana var. multicuspis	9	✓	✓
Acacia saligna (yellow fls)	10	✓	✓
Lechenaultia biloba.	17	✓	✓
Acacia lasiocarpa var. lasiocarpa.	18	✓	✓
Hibbertia hypericoides	20.		✓
Gompholobium marginatum	21.		✓
Leucopogon nutans	22.		✓
Chorizema dicksonii	39		✓

SHRUBS (cont.)	No	Fl	ID
GRASSES			
Neurachne alopecuroidea.	34		✓
*Briza minor (no spec).	35		✓
Austrostipa campylachne	36		✓
~~Rodrodes~~ *Ehrharta longiflora (Annual V. Annual	37		✓
	38		
Bromus sp. ? Infertile.	44		?
Briza maxima (NS)	45.		✓
Avena barbata (NS.)	46		✓
Austrostipa semibarbata.	47		✓
HERBS			
Dampiera alata	11	bud	✓
Dianella revoluta var revoluta	12		✓
Diuris corymbosa (no spec) common	13		✓
Burchardia congesta	14.	✓	✓
Dampiera lavandulacea =7	15.		✓
Caesia alfordii	16	✓	✓
Drosera macrantha. sp macrantha	9		✓
Pterostylis (tall common)	26		
*Hypochaeris? Sonchus oleraceus	25		
*Romulea rosea.	24		✓
Conostylis setigera subsp setigera	23	yellow	✓
Chamaescilla corymbosa var corymbosa	27.		✓
Caladenia (red) sp	28		✓

HERBS (cont.)	No	Fl	ID
*Ursinia anthemoides	29		✓
Haemodorum sp Prob H. paniculatum (2 spec)	30		✓
~~Zabelianskya~~ ?	31		
Podotheca gnidioides	32.		✓
*Anagallis arvensis NIS.	33		✓
Sowerbaea laxiflora	42		✓
Lomandra preissii	43.		✓
Dichopogon capillipes. (NS)	48		✓
* Parentucellia latifolia	31		✓
SEDGES			
Tetraria octandra	40	✓	✓
Desmocladus asper	41		✓
ADJACENTS.			
✓Hakea undulata			✓
Waitzia sp.	21		✓
(Chorizema dicksonii)		✓	✓
Stylidium schizocaryon var angustifolium			✓
✓Jacksonia restioides.	–	✓	✓
*Trifolium campestre (clover)			✓
(Dichopogon capillipes)			✓
✓Sollya heterophylla.	–	bud	✓
(Hemigenia incana)			✓
ACACIA ACCUMINATA SSP ACCUMINATA		✓	✓
✓Dryandra sessilis var sessilis		✓	✓
✓Daviesia hakeoides subsp. subnuda			✓
Anigosanthus bicolor		✓	✓

Typical weed diversity assoc'd damp/creekline. Total 33 species incl 16 weeds (50%)

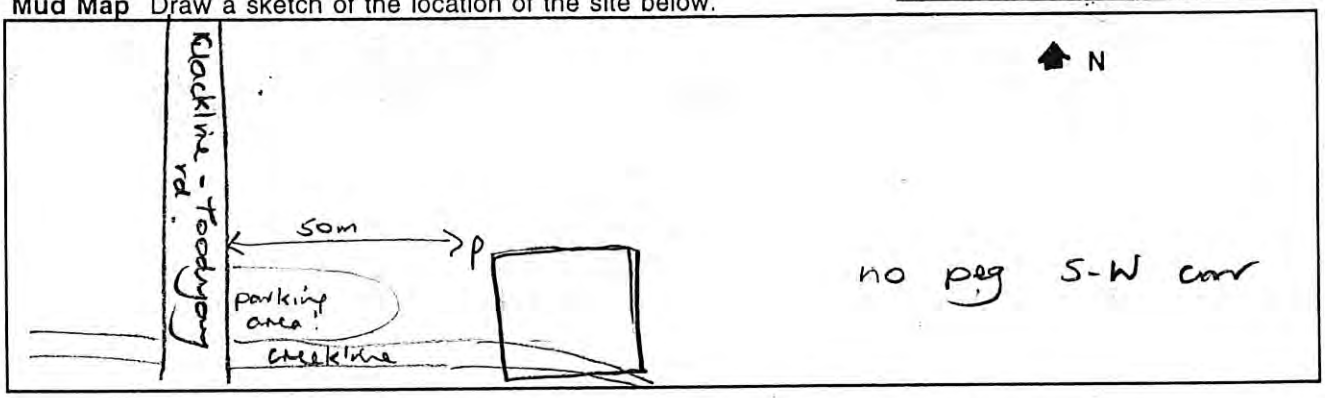
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Clackline SITE NUMBER Clack L4
DATE TRIP 7/9/97 RECORDERS Stan Webster
DATE TRIP ____ RECORDERS Anne Gunness
DATE TRIP ____ RECORDERS Wendy Portell
BOTANIST ____

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

1. LOCATION of the QUADRAT

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

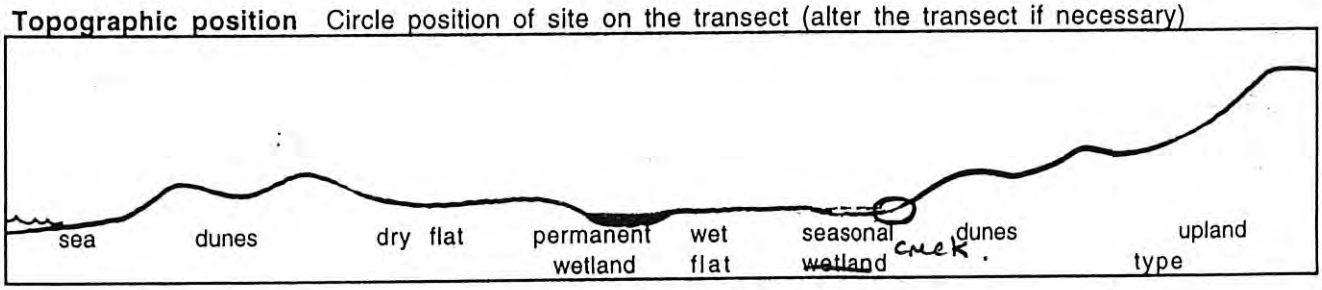


Road Location En side of Clackline - Toodyay Rd, 3.2km from Eadie Rd junction

Geographic Location Latitude 31°40.868' S Longitude 116°30.698' E Altitude 380m
Reference Map 31° 40' 52.1" 116° 30' 41.9"

Photograph P · 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) creek bank + top bank **Aspect** N NE E SE (S) SW W NW

Surface Soil loam **Colour** dk brown
Exposed rock — type — % surface —

Sub-surface Soil **Colour**
Rock type depth to rock

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

Litter 5–10 % cover
Depth v. shallow cm
– 1 leaf ad most

Bare Ground 5–10 %cover
lots of mass + grassy weed cover

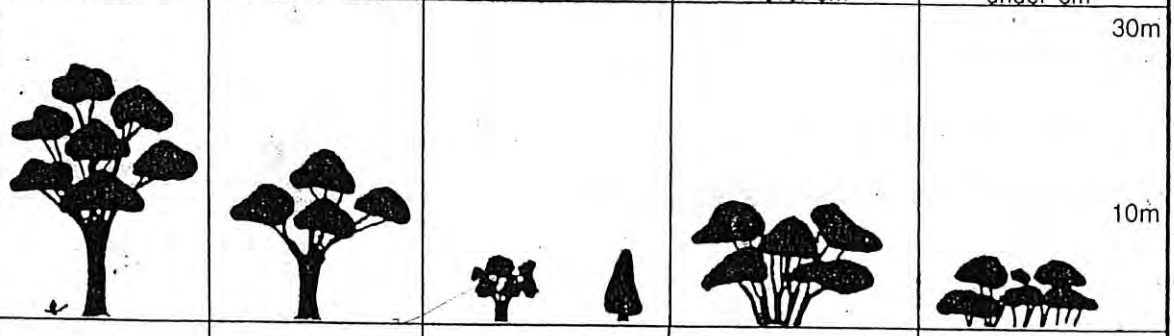
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

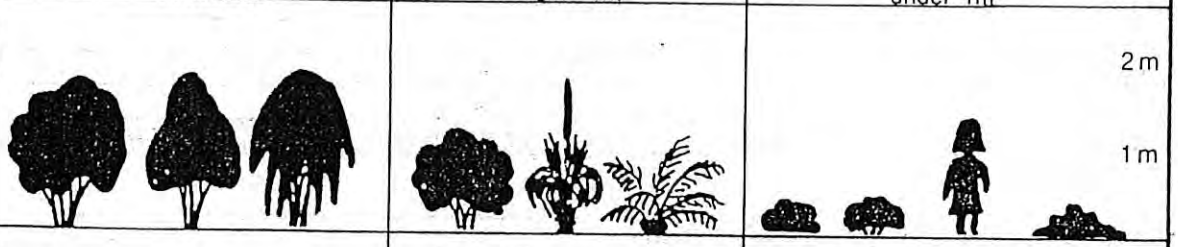
3. VEGETATION STRUCTURE AND COVER

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 (%)			close to 10%		
DOMINANT SPECIES			Euc. wandoo		
			+ Acacia saligna → 3m height, also under 10%		

	SHRUBS		SHRUBS
	over 2m	2m - 1m	under 1m
LIFE FORM			
COVER CLASS (%)		> 70%	
DOMINANT SPECIES		Trymalium floribundum	

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				
COVER CLASS (%)	30%	< 10%		
DOMINANT SPECIES	Briza major	Hypochaeris Cheilanthes Galium murale + Romulea rosea		

4. VEGETATION CONDITION

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

COMMENTS

many weed spp. + cover.

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No Clack 4
Date 7/9/97
29/10/97 No 28→

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	Fl	ID
Euc wandoo (no spec.)	1		✓
Acacia saligna	2		✓
MALLEES			
SHRUBS			
Trymalium floribundum	3	✓	✓
Grevillea vestita	4	✓	✓
Acacia lasiocarpa VAR LASIOCARPA	5		✓
Macrozamia reidlei N/S.	20		✓

SHRUBS (cont.)	No	Fl	ID
* Brachypodium distachyon	38	✓	✓
Austrodanthonia acerosa	37		✓
Austrodanthonia pilosa	33		✓
*Lolium rigidum	32	✓	✓
GRASSES			
*Briza maxima	17		✓
Austrostipa elegantissima	18		✓
*Bromus sp. (small) - infertile	19		?
* [illegible]	25		✓
Microlaena stipoides	26		✓
Weepy grass - unidentified grass	27		✓
* Avena barbata N/S.	28		✓
* Bromus diandrus.	30	✓	✓
Austrostipa variabilis	31	✓	✓
HERBS			
* Romulea rosea	6	✓	
Cheilanthes austrotenuifolia	7		✓
*Hypochaeris glabra	8		✓
Galium murale	9	Fruit NOW	✓
Dichopogon capillipes	10		✓
Oxalis corniculata.	11	✓	✓
* Fumaria capreolatum.	12	✓	✓
* Trifolium subterraneum	13	✓	✓
* Sonchus OLERACEUS	14		✓
Waitzia sp.	15		✓
*Ursinia anthemoides.	16	NO ✓	✓
Single leaf - ?? Monocot	21		?
Chamaescilla corymbosa VAR corymbosa	23		✓

HERBS (cont.)	No	Fl	ID
* Trifolium ~~spp~~ campestre	24		✓
* Anagallis arvensis (N/S)	29		✓
* Erodium botrys	34		✓
* Trifolium sp. (Hop Clover) N/S	35		?
Waitzia nitida	36		✓
SEDGES			
Lepidosperma costale	22	✓	✓
HAKEA PROSTATA			✓
HYPOCALYMMA ANGUSTIFOLIUM	adj	✓	✓
Adjacent			
Lepidosperma costale = 22.		✓	✓
Juncus subsecundus - x2		✓	✓
Mistletoe on A. saligna	— See below.		
Kennedia prostrata		✓	✓
Conostylis aculeata subsp?			✓
29/10 Hamalosicadium homblocarpum			✓
Stackhousia monogyna		✓	✓
* Homeria flaccida			✓
* Oxalis purpurea			
* Euphorbiaceae phyllanthus calycinus			✓
Acacia microbotrya			✓
Gastrolobium spinosum			✓

subsp spinosum

Lysiana casuarinae (Mistletoe on Ac. saligna) ✓

Lepidosperma tetraquetrum =

Plot with most no. of annual daisies

Total spp = 50 incl 5 weeds

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA CLACKLINE - TOODYAY HERITAGE TRAIL SITE NUMBER CLARK 005

DATE TRIP 7/9/97 RECORDERS EB, AB, SC

DATE TRIP _____ RECORDERS _____

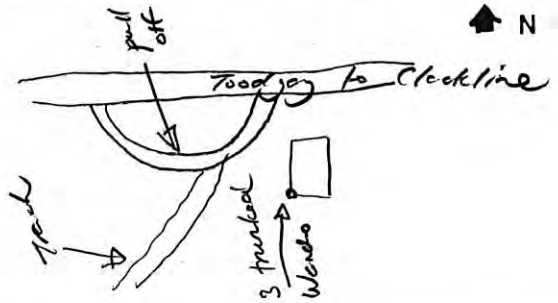
DATE TRIP _____ RECORDERS _____

BOTANIST BJK

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

1. LOCATION of the QUADRAT

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



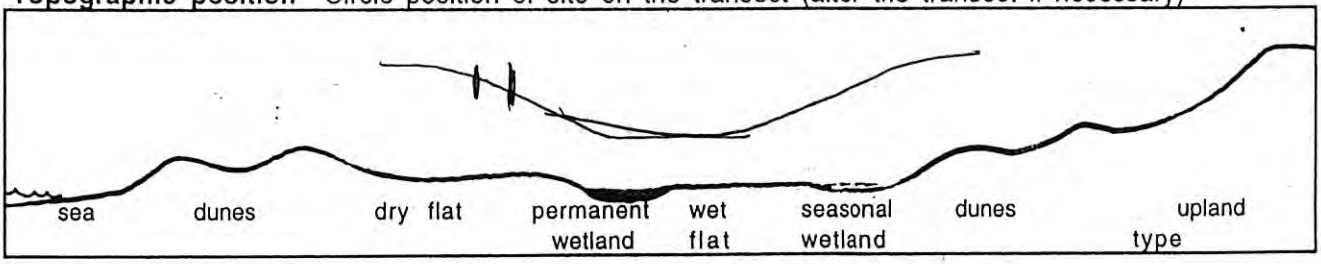
Road Location Toodyay to Clackline Road Enside, 3.3km from Eadine Rd junction.

Geographic Location Latitude S Longitude E Altitude

Reference Map

Photograph Photographer's Name BJK 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 loam **Colour** brown

Exposed rock type % surface

Sub-surface Soil loamy laterite **Colour** brown

Rock type depth to rock

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

Litter 30-70 % cover Depth 2 leaves ~~cm~~

Bare Ground 2 %cover

CLARK 05

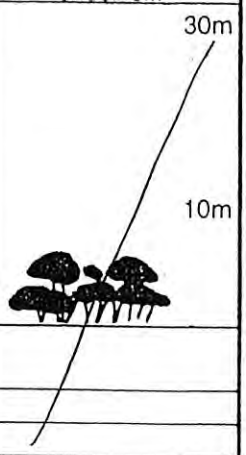
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

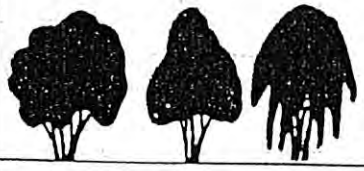
From '*Bushland Plant Survey*' written by B. Keighery (1994) and published by the Wildflower Society of WA (Inc.), PO Box 64 Nedlands WA 6008.

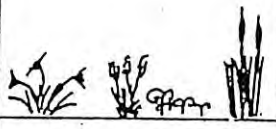
3. VEGETATION STRUCTURE AND COVER

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 (%)		2-10%			
DOMINANT SPECIES		Euc. wandoo			

	SHRUBS		SHRUBS
	over 2m	2m - 1m	under 1m
LIFE FORM		cover increases outside plot	
COVER CLASS (%)		2-10%	30 - 70%
DOMINANT SPECIES		Xanth preissii Gastrob spinosum	Hakea lisso. Acacia pulchella Henigenia

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				1m
COVER CLASS (%)	2-10%	10-30	2-10	
DOMINANT SPECIES	Neur. cleo	Rom. rosea Dampiera lat	Desmocladus asper	

4. VEGETATION CONDITION

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

COMMENTS

Kangaroos grazing evident

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 CLACK 05
Date 8/9/97
29/10/97 (49 →)

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	Fl	ID
Eucalyptus wandoo subsp wandoo	1		✓
MALLEES			
SHRUBS NS = No Spec = CLACK A			
Gastrolobium spinosum (NS)	2		✓
Xanthorrhoea preissii no spec	3		✓
Hemigenia incana (Det. B. Rye)	4		✓
Acacia pulchella	5	✓	✓
Hakea lissocarpha	6	✓	✓
Acacia microbotrya (NS)	7		✓
Bossiaea eriocarpa (NS)	8		✓
Hibbertia hypericoides	14		✓
Gompholobium marginatum (NS)	25		✓
Hibbertia hibbertioides	29	✓	✓
Acacia acuminata (NS)	48		✓
Herbs (cont)			
Levenhookia stipitata	49	✓	✓
Stylidium brunonianum subsp brunonianum	50	NO?	✓
Goodenia caerulea	52		✓
Podolepis canescens	53	✓	✓
Hyalosperma cotula	54	✓	✓
Gnephosis tenuissima	55	✓	✓
Pterochaeta paniculata	57	✓	✓

SHRUBS (cont.)	No	Fl	ID
HERBS			
Crassula colorata var colorata	46		✓
Trichocline spatulata	47		✓
Pterochaeta paniculata	47a		✓
GRASSES			
Neurachne alopecuroidea (NS)	9	✓	✓
Austrostipa campylachne (NS)	19	✓	✓
Amphipogon caricinis var caricinis (NS)	20		✓
* Briza maxima (NS)	21		✓
Amphipogon turbinatus	22		✓
Austrostipa elegantissima	28	✓	✓
Austrodanthonia occidentalis	51	✓	✓
Amphipogon caricinis v caricinis = 20			✓
* Aira cariophyllea	56		✓
HERBS	10		
Dampiera lavandulacea	10	✓	✓
Lax Hannia grandiflora ssp grandiflora	11	✓	✓
* Romulea rosea (NS)	12		✓
Dichopogon capillipes	13		✓
Sowerbaea multiflora NIS	15		✓
* Hypochaeris glabra Tetrahis setigera	16		✓
Stylidium Junonia subsp setigera	17	NO	✓
Goodenia caerulea	23		✓
Dianella revoluta var revoluta	24		✓
Stylidium brunonianum subsp brunonianum	26		✓
Borya sphaerocephala	27	✓	✓
Quinetia urvillei	30		✓
Drosera erythrorhiza subsp collina	31		✓

HERBS (cont.)	No	Fl	ID
Waitzia sp.	32		✓
Podolepis jessonii	33	✓	✓
Hypoxis occidentalis	34	✓	✓
Drosera macrantha ssp macrantha	35		✓
Thysanotus patersonii	36	✓	✓
Opercularia vag (NS)	37		✓
* Ursinia anthem (NS)	38		✓
Anigozanthos bicolor (NS)	39		✓
Lomandra caespitosa	40	✓	✓
Burchardia congesta NIS	41		✓
* Parentucellia latifolia	42	✓	✓
* Orthosanthus laxus (NS)	43		✓
Asteraiea (left not flowering)	45		?
SEDGES			
Tetraria octandra	16		✓
Desmocladus asper	18		✓
Gahnia sp	44		✓
GRASSES cont.			
Austrostipa variabilis	58	✓	✓
Hordeum glaucum/leporinum		✓	✓
ADJACENT			
Orthosanthus laxus var gramineus			✓
Stypandra glauca			✓
Eucalyptus corymbosa			✓
White Spider Orchid sp. long-eared			✓
Haemodorum sp			✓

Petrophile striata ✓ Daviesia hakeoides ssp subnuda ✓
Melaleuca on Tom Hyslop's property

Total species = 38
incl 6 weeds

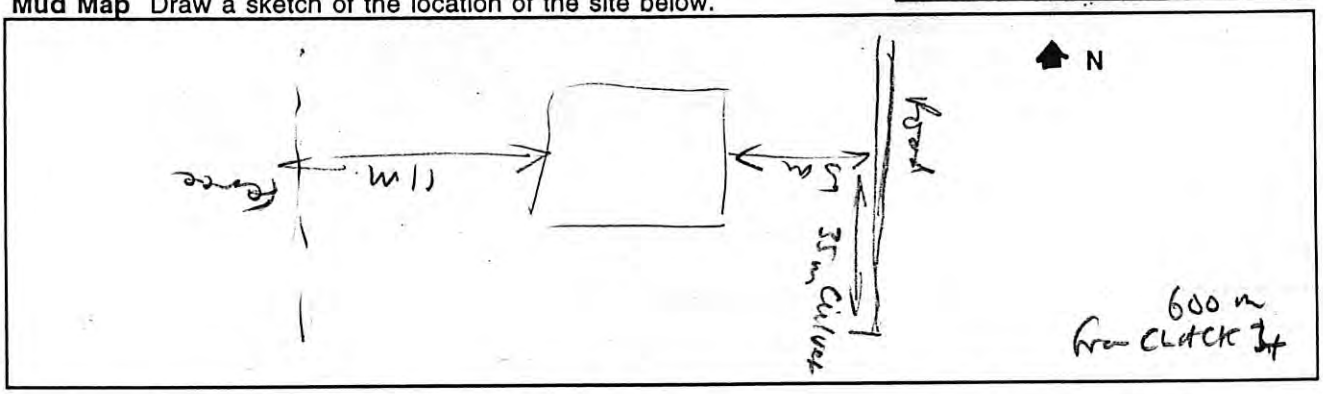
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Clackline - Toodyay **SITE NUMBER** CLA~~AK~~ 6
DATE TRIP 7/7/97 **RECORDERS** Brian Jill Fred Logan
DATE TRIP _____ **RECORDERS** _____
DATE TRIP _____ **RECORDERS** _____
BOTANIST _____

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

1. LOCATION of the QUADRAT

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

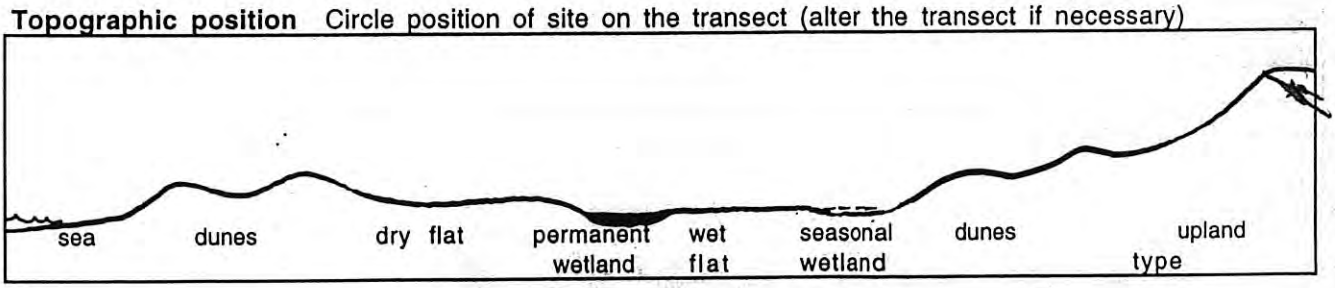


Road Location Wn side Clackline - Toodyay Rd, 3.9 km from Eadie Rd junction

Geographic Location **Latitude** 31 40 .958 **S** **Longitude** 116 30 .685 **E** **Altitude** 387 ± 34
Reference Map 31°40'51.5" 116°30'41.1"

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 gravel loam ***Colour*** Dark Brown
Exposed rock ***type*** — % surface —

Sub-surface Soil laterite ***Colour*** orange
Rock ***type*** depth to rock

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

Litter	90	% cover	***Bare Ground***	1%	%cover
Depth	1-2	cm			

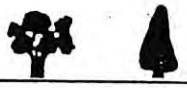
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

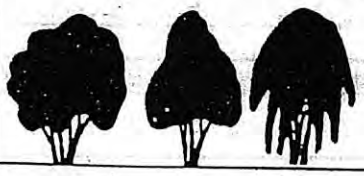
3. VEGETATION STRUCTURE AND COVER

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					30m 10m
COVER CLASS (%)		over 70			
DOMINANT SPECIES		Wandoo Marri			

	SHRUBS		SHRUBS
	over 2m	2m - 1m	under 1m
LIFE FORM			2m 1m
COVER CLASS (%)		2-10	30-70
DOMINANT SPECIES		Xanthorrhoea preissii	Bossiaea eriocarpa.

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM			1m	
COVER CLASS (%)	2-10	2-10	∧?	
DOMINANT SPECIES	Austrostipa spp.	Conostylis	Lepidosperma Desmocladus.	

4. VEGETATION CONDITION

1	'PRISTINE'	
2	EXCELLENT	0
3	VERY GOOD	
4	GOOD	
5	DEGRADED	

COMMENTS

Tricoryne = Stipa ?

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No Clak 6
Date 7/9/97
29/10/97 40 →

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	Fl	ID
Wandoo N/S.	1		✓
Morri N/S.	2		✓
MALLEES			
SHRUBS			
Xanthorrea preissii	3		✓
Acacia drummondii	4	✓	✓
Gastrolobium spinosum	5	✓	✓
Acacia lasiocarpa var lasiocarpa	6	✓	✓
Hovea lissocarpha	7	✓	✓
(Calothamnus quadrifidus) Hibbertia commutata	8	✓	✓
* Dryandra lindleyana	9	✓	✓
Hibbertia hypericoides	10	✓	✓
Bossiaea eriocarpa	11	✓	✓
Rhyncholus calycinus (white flr)	16	✓	✓
Muehlenbeckia adpressa	34		✓
Dryandra sessilis var sessilis	38		✓
→ Muehlenbeckia adpressa = 34	40		✓
Hibbertia commutata	33		✓
D. lindleyana ssp lindleyana s var. mellicula			

SHRUBS (cont.)	No	Fl	ID
GRASSES			
Austrostipa sp. (infertile)	21		✓
?Nidularia. Avena sp.? sterile	24		?
Austrostipa sp. (infertile)	25		✓
Austrostipa elegantissima	30		✓
Austrostipa acrociliata	41	✓	✓
Neurachne alopecuroidea	42		✓
Vulpia myuros. N/S.	44		✓
Bromus sp. ? sterile.	45		?
Austrostipa variabilis	47	✓	✓
HERBS			
Stackhousia monogyna	12	✓	✓
Kennedia prostrata	13	✓	✓
Kennedia coccinea	14	✓	✓
Conostylis setigera subsp setigera	15	✓	✓
Desmocladus asper	17		✓
Desmocladus fasciculatus	18		✓
Dichopogon capillipes	19		✓
Dampiera revoluta var revoluta	20		✓
Lomandra caespitosa. x 2 spec	22	✓	✓
* Romulea rosea (1 no spec).	23		✓
Drosera macrantha ssp macrantha	26	✓	✓
* Hypochaeris glabra	27		✓
* Erythraea Urvillea anthemoides	28		✓

HERBS (cont.)	No	Fl	ID
Neurachne alopecuroides	29	✓	✓
Diuris corymbosa	32	✓	✓
* Trifolium subterraneum	35		✓
Thysanotus patersonii	36		✓
Drosera erythrorhiza subsp collina	37		✓
* Petrorhagia velutina	43	✓	✓
Opercularia vaginata = 18? N/S			
Caesia micrantha	46		✓
SEDGES			
Lepidosperma leptostachyum	30	✓	✓
Lepidosperma sp.	38		✓
Desmocladus asper	17		✓
Adjacent			
Macrozamia riedlii			✓
Conostylis			
Trichocline spathulata x2			✓
Hechenaultia biloba		✓	✓
Lepidosperma leptostachyum		✓	✓
Orthrosanthus laxus var gramineus			✓
* Sonchus oleraceus			✓
Tetratheca hirsuta		✓	✓
Caesia alfredii		✓	✓
Tetraria octandra			✓
Leptospermum erubescens			✓
= Eucharta longifolia			
Ptilotus polystachyus var polystachyus			

4 spp face-nut moist site. Most species not this site

Total spp = 63 incl 3 weeds.

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA CLACKLINE RAIL RES. SITE NUMBER CLACK 07

DATE TRIP 7/9/97 RECORDERS EILEEN ALF, JILL, BRAD, BRONWYN

DATE TRIP _____ RECORDERS _____

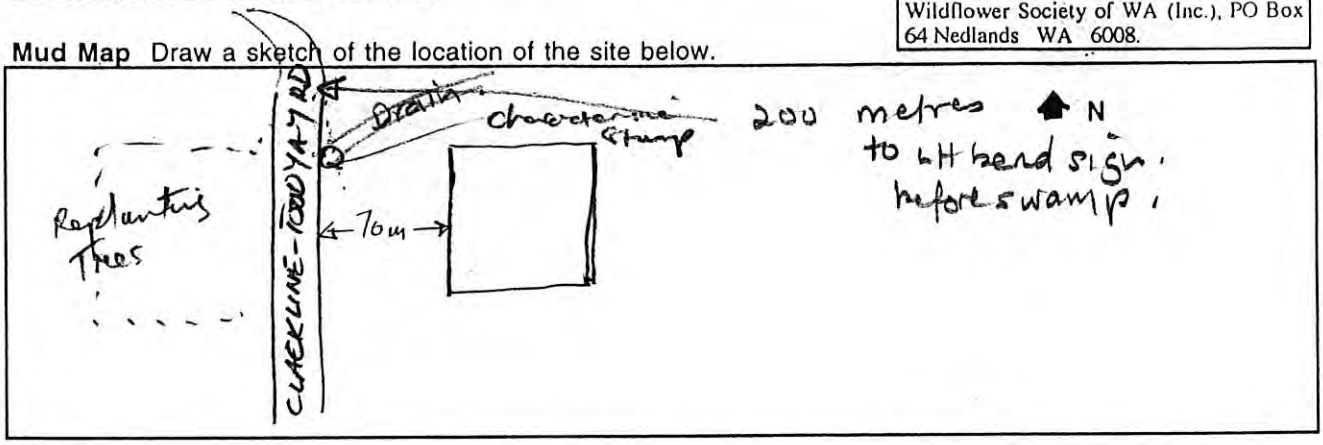
DATE TRIP _____ RECORDERS _____

BOTANIST BRONWYN

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

1. LOCATION of the QUADRAT

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



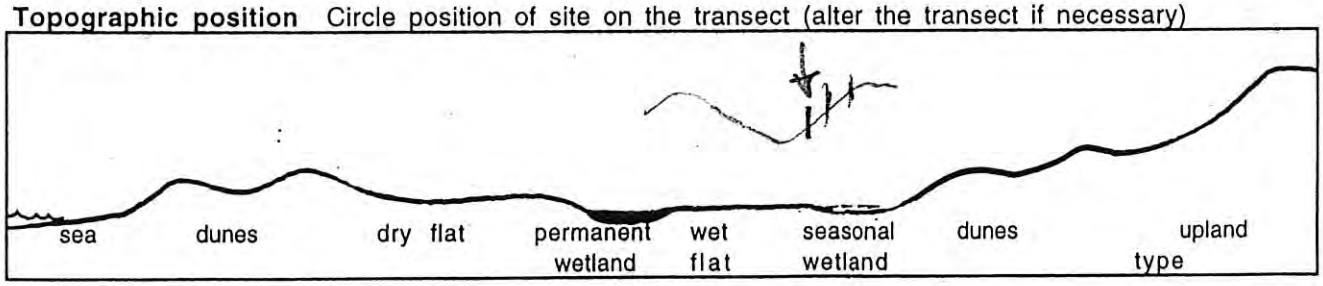
Road Location En side Clackline-Toodyay Rd, 2 km from Eadlee Rd junction

Geographic Location Latitude S Longitude E Altitude

Reference Map

Photograph Photographer's Name BRONWYN. 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 SAND **Colour** Grey/Brown

Exposed rock No **type** % surface

Sub-surface Soil Loamy Sand **Colour** Grey Brown

Rock — **type** — depth to rock

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

Litter	>70 % cover	**Bare Ground**	<2 %cover
One Leaf Depth	cm		

Splendid Cover.

Guy Fantail
N Holland Heath
See K' Fisher

Weeskill
Western Wards
St. Pardalote

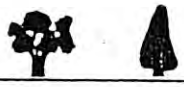
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

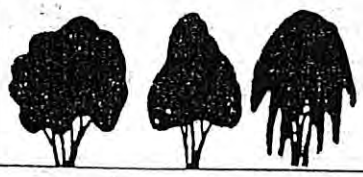
3. VEGETATION STRUCTURE AND COVER

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					30m 10m
COVER CLASS (%)	—	10-30%			
DOMINANT SPECIES		E. Calophylla			

	SHRUBS		SHRUBS
	over 2m	2m - 1m	under 1m
LIFE FORM			2m 1m
COVER CLASS (%)		2-10%	30-70%
DOMINANT SPECIES	~~Trees~~	~~Acacia~~ Xanthorrhoea.	Calothamnos, Hibbertia Hypericorchus

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				1m
COVER CLASS (%)		2-10%	2-10%	
DOMINANT SPECIES	—	Conostylus	Mesomelaena, Tetragona	

4. VEGETATION CONDITION

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

COMMENTS

4

Brown H'eath

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No CLACKLINE 7
Date 7/9/97
29/10/97. 62 →

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	Fl	ID
E. Calophylla (NS)	1	–	✓
MALLEES			
SHRUBS			
Macrozamia Fiedlii (NS)	2		✓
Calothamnos Sanguineus	3	✓	✓
Xanthorrea Preissii	4		✓
Nemcia capitata =65/68	5	✓	✓
Bossiaea Eriocarpa (NS)	6	✓	✓
Phyllanthos calycinus (NS)	7		✓
Hibbertia Hypericoides	9	✓	✓
Daviesia Incrassata ssp obtusa	10	✓	✓
Beckea camphorosmae	11	–	✓
Hibbertia Commutata	12	✓	✓
Dryandra lindleyana ~~ssp pallosta~~	13	✓	✓
Acacia Squamata	14	✓	✓
Acacia latifolia	15	✓	✓
Acacia applanata	16	✓	✓
Petrophile Linearis (NS)	17	✓	✓
Acacia Huegelii	34	–	✓
Gompholobium sp. =62?	37		✓
Gompholobium tomentosum	54		✓
Astroloma pallidum	57	✓	✓
Hakea prostrata (NS)	61		✓

SHRUBS (cont.)	No	Fl	ID
Gompholobium shuttleworthii (pink fl)	62	✓	✓
Nemcia capitata =5=68	5	}	✓
? Pea - Strategy - Nemcia capitata	68	}	✓
Quinetia urvillei	58		✓
Lyperanthus serratus	64	✓	✓
GRASSES			
Neurachne Alopecuroidea NIS	33		✓
Amphipogon Turbinatus ? NIS	35		
AMPHIPOGON TURBINATUS	38		✓
* Hyparrhenia glabra	41		
* Briza Maxima (NS)	43		
Caladenia Sp (leaf only)	44		✓
Stipa Sp.	51		
Poa drummondiana	66	✓	✓
Austrodanthonia acerosa	67		✓
HERBS			
Lescheanaultia biloba (NS)	8	✓	✓
Caladenia Flava	18	✓	✓
Pyrorchis Nigricans NIS	19	✓	✓
Hare Orchid - Leporella fimbriata	20	✓	✓
Drosera macrantha ssp macrantha	21	✓	✓
Drosera erythrorhiza (NS)	22		✓
Conostylis setigera (NS)	23		✓
Stylidium schoenoides	24		✓
Pterostylis vittata	25	✓	✓
Caesia Micrantha NIS	30		✓
Orthrosanthus Laxus NIS	31		✓
Isotropis Cuneifolia	40		✓
Sowerbaea Laxiflora (NS)	42		✓

Trelymitra canaliculata

HERBS (cont.)	No	Fl	ID
Opercularia Vaginata (NS)	45		✓
Trachymene Pilosa	46		✓
Millotia tenuifolia	47	fl	✓
Lemandra Cassiteroa NIS	48		✓
Stylidium Brunonianum NIS	49		✓
Blue Sun Orchid (NS)	50		✓
Thysanotus patersonii/manglesianus	52		✓
Stachousia monogyna NIS	53		✓
Xanthosia Huegelii	55	✓	✓
Eriochilus dilatatus subsp dilatatus	56		✓
Goodenia Gonocarpus cordiger	59		✓
Anigozanthus manglesii (NS)	60		✓
Stylidium sp (pink) Sibirionianum			
SEDGES			
Tetraraea Octandra NIS	26		✓
Mesomelaena tetragona NIS	27		✓
Lepidosperma Tetrastachyum	28	✓	✓
Borya Sphaerocephala	29	✓	✓
Desmocladus Flexuosus (NS)	32		✓
* Ursinia anthemoides	36		✓
Haemodorum Spicatum	39		✓

Haemodorum discolor 63 ✓ ✓
Orchid ... Thynnantha ... ✓ ✓
= Lyperanthus serratus

(Also some specs collected —
Utricity: Patersonia occidentalis ✓
Borya Scirpoides ✓ ✓
Conostephium.
Mel. scabra. sp aff scabra ✓ ✓
Hyalosperma cotula. NIS.
Cyathochaeta avenacea ✓
Conospermum ~~Stechadis~~ Stechadis subsp Stechadis ✓
Conostephium preissii ✓

Total 56 Spp incl. 10 weeds.

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA CLACKLINE **SITE NUMBER** CLAK 8

DATE TRIP 7/9/97. **RECORDERS** Wendy Porter, Brian Moyle, Logan Anderson Stan Webster

DATE TRIP _____ **RECORDERS** Brian Moyle

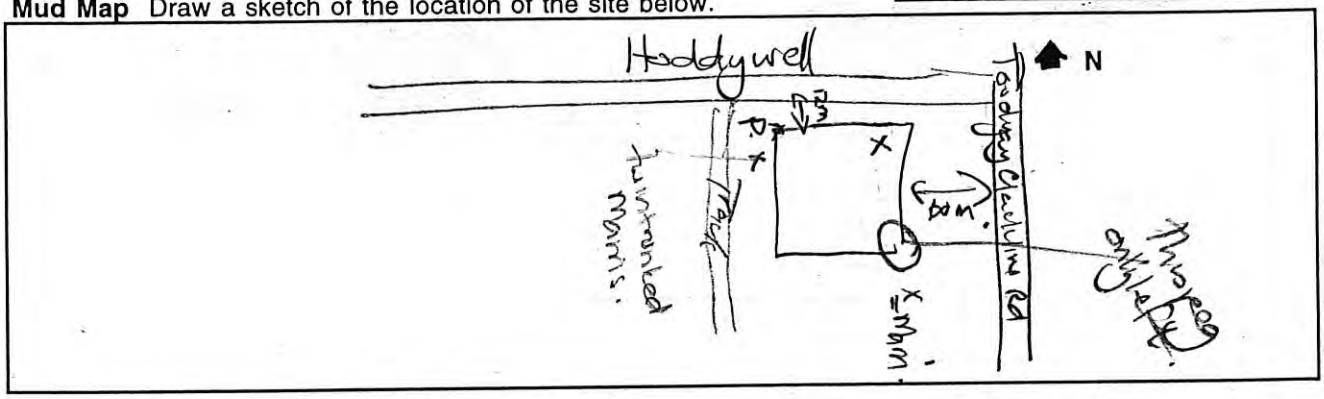
DATE TRIP _____ **RECORDERS** _____

BOTANIST Ann Gunness.

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

1. LOCATION of the QUADRAT

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



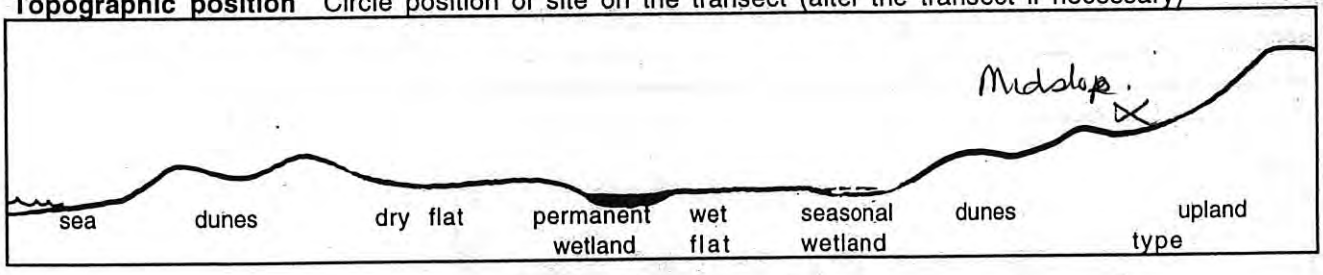
Road Location Clackline Hoddywell Road - Hoddywell Rd corner. 10 km from Eadie road junction.

Geographic Location **Latitude** 31° 38' 38.7 S **Longitude** 116° 28' 666 E **Altitude** 726 (±43)

Reference Map 31° 38' 23.2" 116° 28' 40.1"

Photograph P. Photographer's Name ACGG 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 Sandy loam. ***Colour*** Grey Brown.

Exposed rock ***type*** % surface

Sub-surface Soil ~~sandy~~ Sandy loam. ***Colour*** Yellow

Rock ***type*** depth to rock

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

Litter 70% % cover

Depth 1-2cm. cm

Bare Ground <2%. %cover

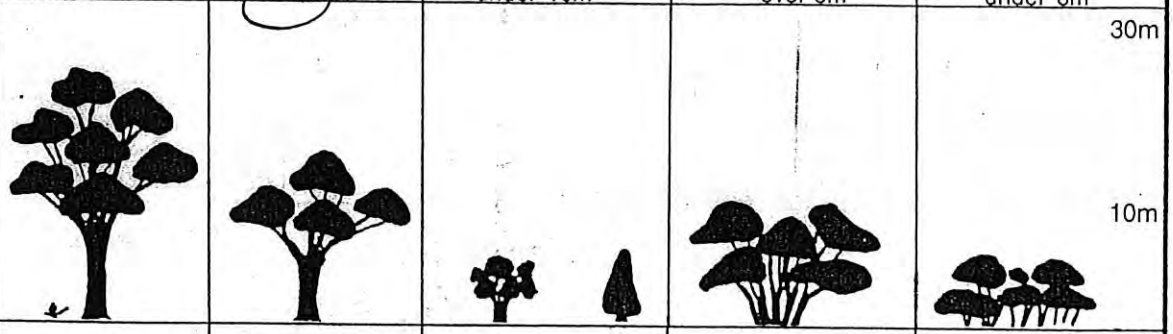
BUSHLAND PLANT SURVEY RECORDING SHEET 2 - use pencil only

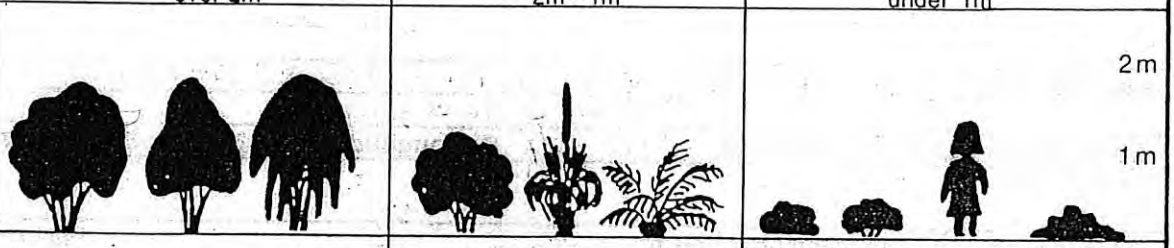
3. VEGETATION STRUCTURE AND COVER

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 (%)		>70%.			
DOMINANT SPECIES		Euc. calophylla			

	SHRUBS		SHRUBS
	over 2m	2m - 1m	under 1m
LIFE FORM			
COVER CLASS (%)		<10%.	~30% (+)
DOMINANT SPECIES		Xanthorrea preissii	Bossiaea eriocarpa. Acacia pulchella.

	GRASSES	HERBS	SEDGES	OTHER
LIFE FORM				
COVER CLASS (%)	<5%.	<10%	10-30 %	
DOMINANT SPECIES	Bruc.	Kennedia		

4. VEGETATION CONDITION

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

COMMENTS

Old soil disturbance - mounding.
Some weeds but not dominant.
Lots of track activity nearby.

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No CLAK 8
Date 7/9/97
29/10/97 (54→)

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	Fl	ID
Eucalyptus (no spec)	1		✓
MALLEES			
SHRUBS			
Xanthorrhoea preissii (no spec)	2		✓
Bossiaea eriocarpa	3	✓	✓
Acacia pulchella	4	✓	✓
Nemcia capitata	5	✓	✓
Acacia latipes	6	✓	✓
Hibbertia hypericoides	7	✓	✓
Hakea nuciformis	8		✓
Grevillea synaphea subsp synapheae	9	✓	✓
Dryandra lindleyana (no spec)	10	✓	✓
Macrozamia riedlei (no spec)	11		✓
Leucopogon nutans	12		✓
Phyllanthus calycinus	13	✓	✓
Hakea prostrata (no spec)	37		✓
Gomphalobium marginatum	38	✓	✓
Astroloma pallidum	39	✓	✓
Nemcia capitata (=5) no number	-		✓

SHRUBS (cont.)	No	Fl	ID
GRASSES			
Neurachne alopecuroidea	41	✓	✓
*Anza maxima NU	43	✓	✓
~~Danthonia~~ UNKNOWN GRASS	44		✓
*Avena sp barbata NS	45		✓
Austrostipa elegantissima	60	✓	✓
Austrodanthonia occidentalis	59		✓
Ehrharta longiflora. NIS	63		✓
HERBS			
Kennedia coccinea	14	✓	✓
Orthrosanthus laxus var gramineus	15	✓	✓
Tricoryne elatior sp. flow Oct	16	✓	✓
Conostylis setigera (no spec)	17	✓	✓
Caesia micrantha	18	white	✓
MUEHLENBECKIA ADPRESSA	19	NW	✓
Sowerbaea laxiflora	20	✓	✓
Lomandra caespitosa	21	✓	✓
*Ursinia anthemoides (no spec)	22		✓
*Hypochoeris glabra "	23		✓
*Anagallis arvensis "	24		✓
Borya sphaerocephala	25	✓	✓
Drosera erythrorhiza subsp collina	26		✓

HERBS (cont.)	No	Fl	ID
Keinedia prostrata (no spec)	27		
Podolepis lessonii	28	✓	✓
Opercularia vaginata	29		✓
*Oxalis corniculata	30		✓
Thysanotus thyrsoideus (2 linear lvs - Bate)	31	✓	✓
Pterostylis vittata	32	✓	✓
Caladenia discoidea	33	bud	✓
*Trifolium arvense	34		?
Hyalosperma cotula	35	yellow petals	✓
Convolvulus erubescens	36		✓
Stackhousia monogyna (no spec)	42	✓	
*Trifolium subterraneum	48	✓	✓
Blennospora drummondii	49	✓	✓
SEDGES			
Tetraria octandra (no spec)	45		✓
Desmocladus asper	46		✓
Lepidosperma sp. tereta	47	✓	✓
Lepidobolus preissianus	58	✓	✓
(Herbs cont			
*Romulea rosea no spec	50		✓
Daucus glochidiatus	51		✓
Trachymene pilosa	52	✓	✓
Pyrorchis nigricans			✓
Poa drummondiana			✓
*Trifolium angustifolium	57		✓
Daucus glochidiatus =51	62	ft	✓

(Sept 98 Check)

*Anagallis arvensis 55 ✓
*Trifolium arvense 56 ✓
Romulea rosea 61 ✓