

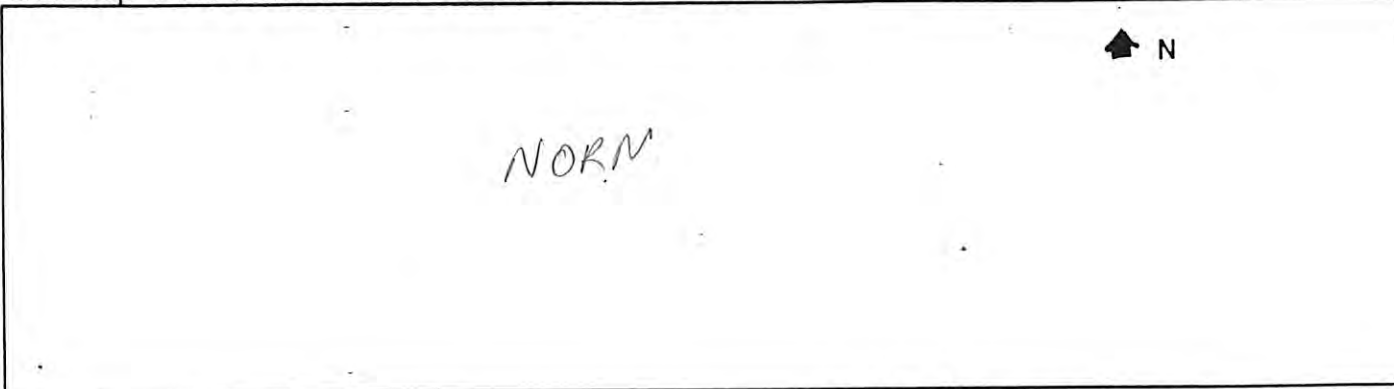
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 01
 DATE TRIP 14/5/1999 RECORDERS NG/gk
 DATE TRIP 17-10-99 RECORDERS AW/NG/gk
 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 64 Nedlands WA 6008.

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

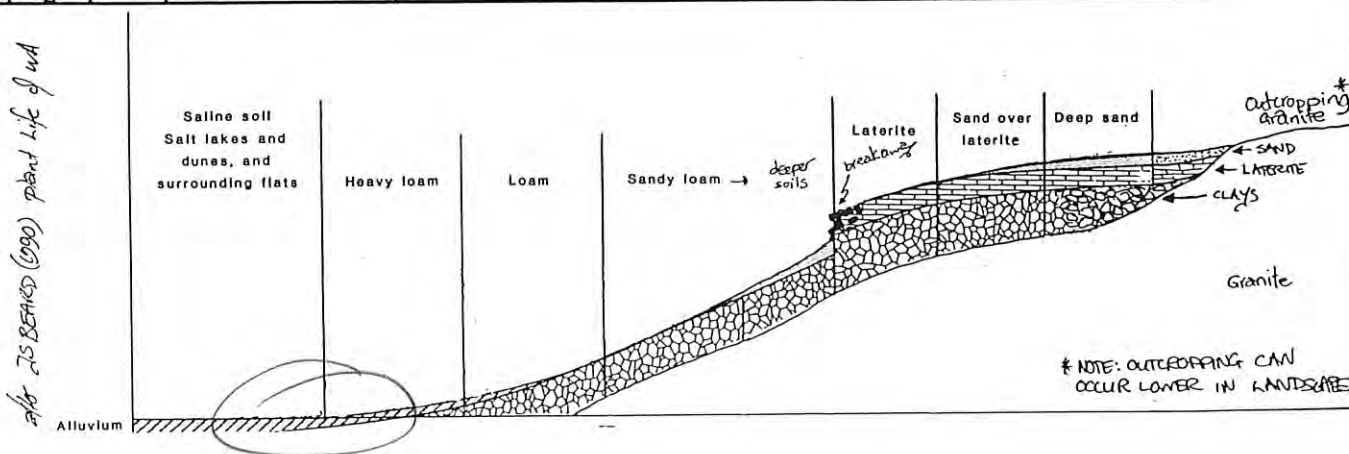


Road Location NORM / Lake King

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

Photograph _____ Photographer's Name NG Photo No 30

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 Colour brown
 Exposed rock type _____ % surface _____

Sub-surface Soil clay Colour _____
 Rock type _____ depth to rock _____

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

Litter twigs, bark, lvs % cover 70/90 Bare Ground 10/30 %cover _____
 Depth 2-4 cm

patches annual grasses from past grazing.

20 x 20

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

name if required
Euc. flocktoniae ✓

• Column 4 Identification check																	
TREES			No	FI	ID	SHRUBS (cont.)			No	FI	ID	HERBS (cont.)			No	FI	ID
Eucalyptus kondinensis ✓				✓								17-10-1999					
												X Senecio glossanthus					
												✓ X Bromus orenarius					
												✓ X Pentaschistis air					
												X Avena barbata					
												X Bromus madritens					
												✓ X Stenopetalum lineare					
												✓ X Trifolium tomentosum					
												X Calotis hispidula					
												X Hypochaeris glabra					
												✓ X Trifolium hirtum					
												X Sonchus oleraceus					
												✓ X Millotia tenuifolia					
MALLEES												SEDGES					
												✓ X Eremophyllum racemos					tenell.
												X Stipal trichophylla					
												X Calandrinia					
												X Danthonia					
												X Trifolium arvense					(usp)
												X					
SHRUBS																	
Atriplex vesicaria ✓				✓													
Disphyma clavellat ✓				✓													

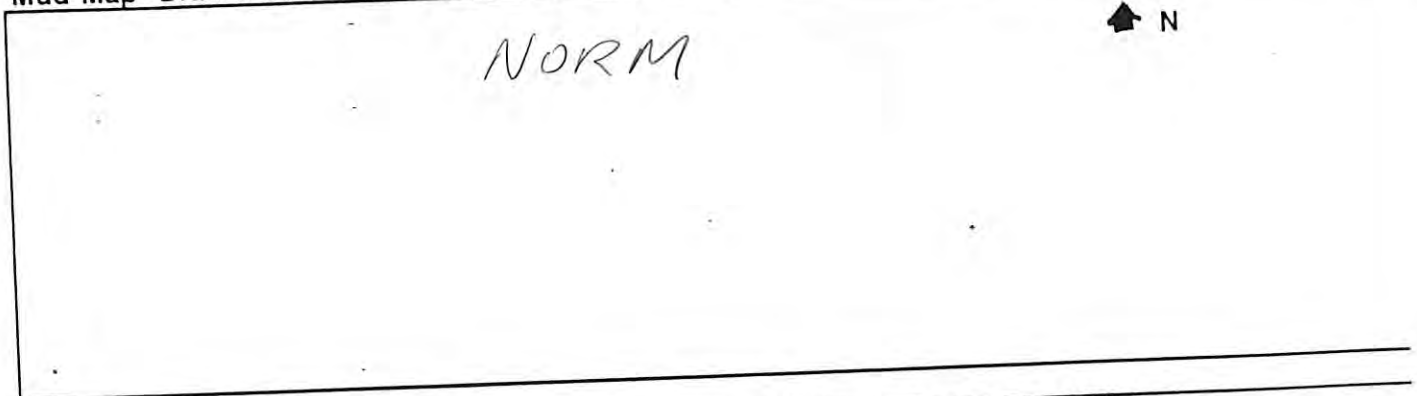
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 02
 DATE TRIP 12-5-1999 RECORDERS NG/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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.



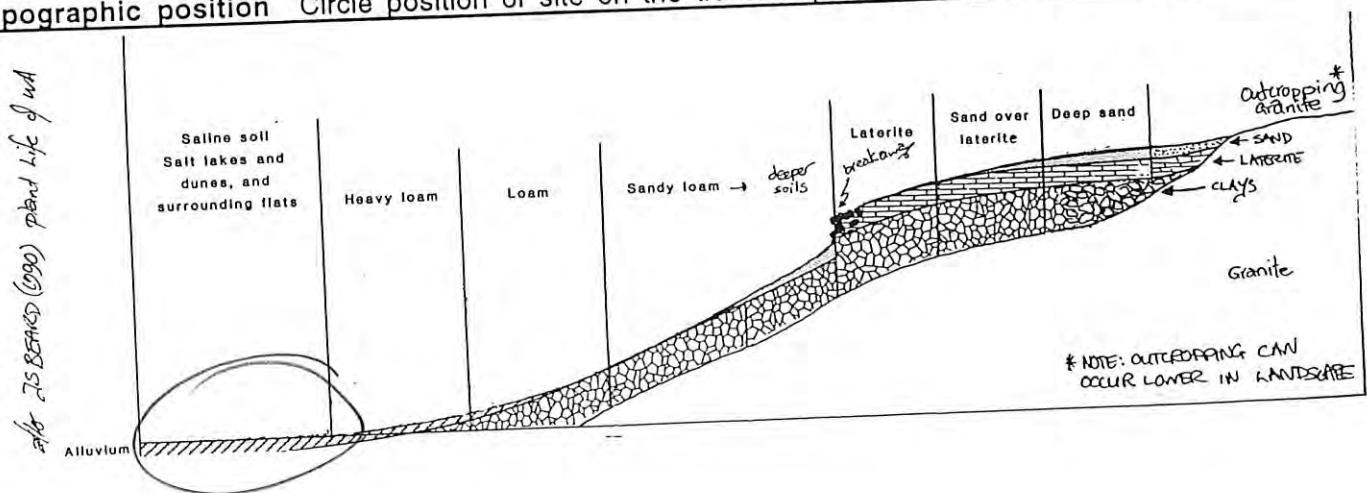
Road Location LAKE KING — RAVENSTHORPE

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map

Photograph _____ Photographer's Name NG Photo No 11

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 clay			Colour	yellow-brown								
Exposed rock	type			% surface									
Sub-surface Soil	clay			Colour									
Rock	type			depth to rock									
Drainage	well	☒ mod	☐ poor	depth water	cm	Wet	all year	winter/spring					
Litter	twigs, lvs, stems	% cover	30/70	Bare Ground	30/40	% cover							
Depth	2-5	cm											

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	5-15m	under 5m	over 8m	under 8m		
LIFE FORM						30m	10m
COVER CLASS (%)	2-10				10/30		
DOMINANT SPECIES	<i>E. trans/fl</i>				<i>Euc. pileata</i> <i>Euc. acromoph</i>		
SHRUBS					SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m		
LIFE FORM						2m	1m
COVER CLASS (%)	2-10			2-10	2-10		
DOMINANT SPECIES	<i>Melale.</i>			<i>Phorbat.</i> <i>Day. benth</i>	<i>Ac. erinac</i>		
GRASSES		HERBS		SEDGES			
				over 0.5m	under 0.5m		
LIFE FORM						1m	
COVER CLASS (%)	2				2-10		
DOMINANT SPECIES	<i>Danthon</i>				<i>Lepidosp</i>		

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No	LK 02
Date	12-5-99
	17-10-1999

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

• Column 4 Identification check														
TREES		No	FI	ID	SHRUBS (cont.)		No	FI	ID	HERBS (cont.)		No	FI	ID
Euc. transcont ✓										17-10-199 Stipa hemipogon (usp) X Lepidosperma cf angust X				

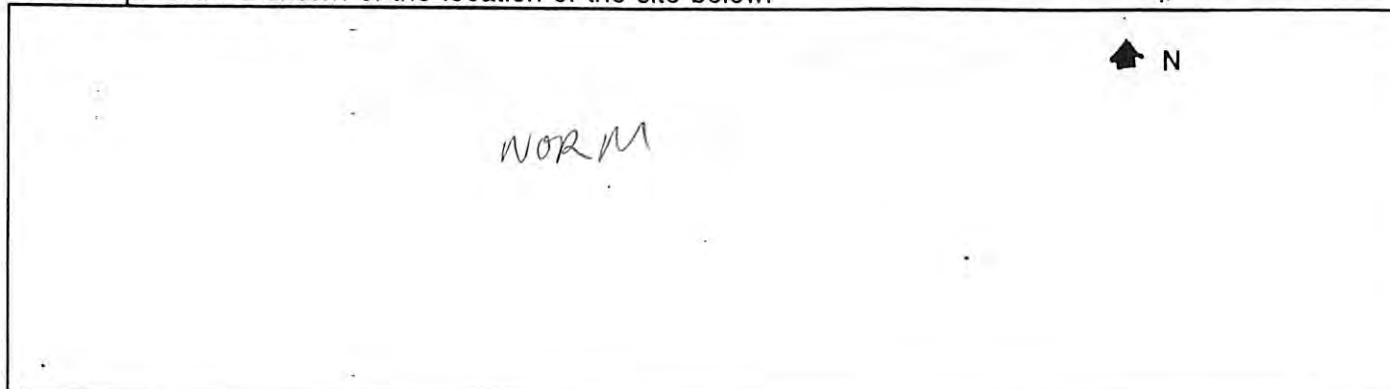
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 03
 DATE TRIP -5-99 RECORDERS NG/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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

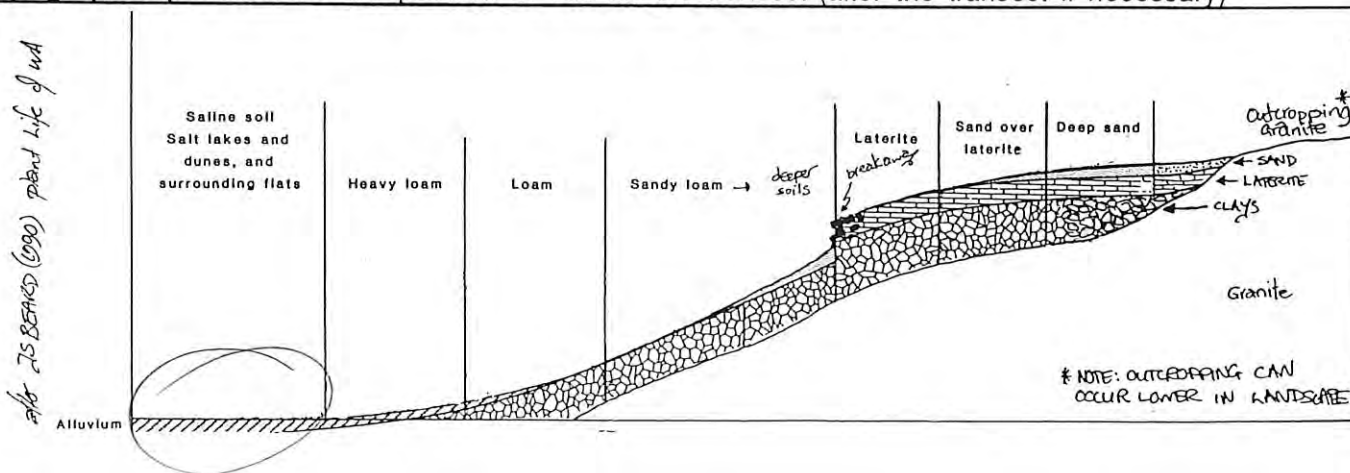


Road Location

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

Photograph Photographer's Name NG Photo No 13

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 Colour grey
 Exposed rock type _____ % surface _____

Sub-surface Soil clay Colour grey
 Rock type _____ depth to rock _____

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

Litter twigs % cover 22 Bare Ground 70/90 %cover
 Depth 2 cm cm

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

3. VEGETATION STRUCTURE AND COVER

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%
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TREES				MALLEES	
	over 15m	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 (%)					10/30
DOMINANT SPECIES					Halosarcia haloc " sp

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	70	70			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

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**

[illegible]

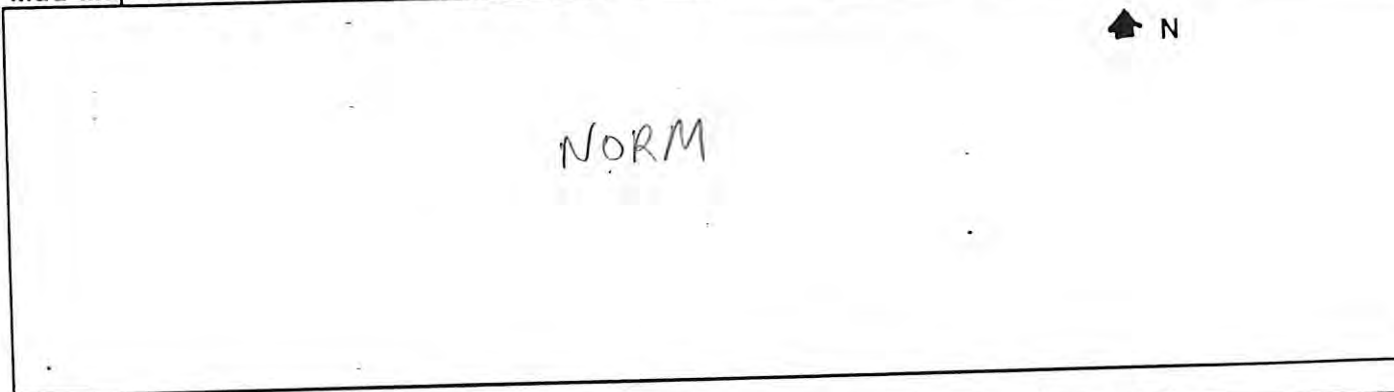
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 04
 DATE TRIP 14-5-99 RECORDERS NG/GK
 DATE TRIP 17-10-99 RECORDERS AW/NG/GK
 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

Ravensthorpe/Lake King : Pallarup Rks NR

Geographic Location Latitude

S Longitude

E Altitude

Reference Map

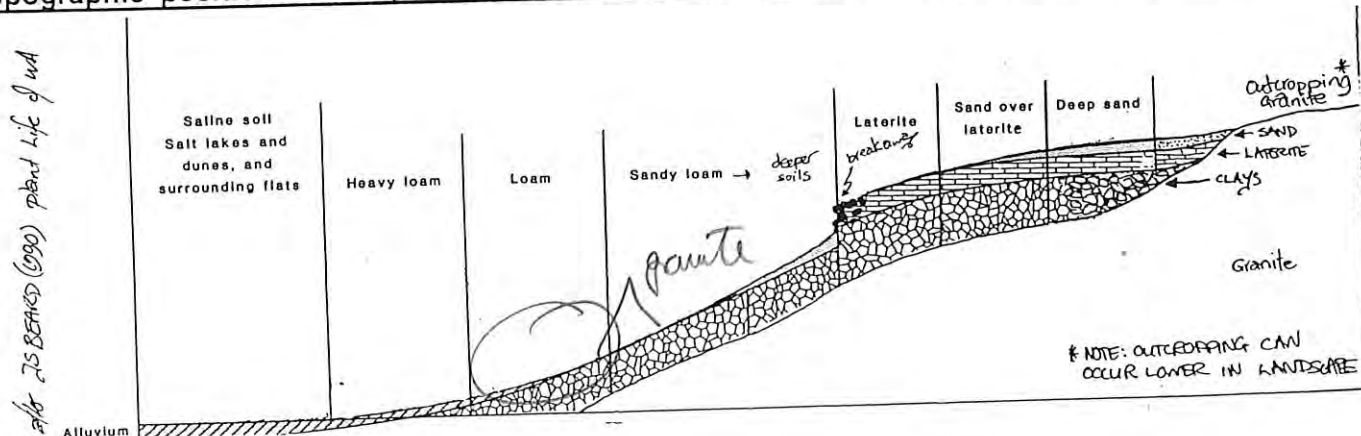
Photograph

Photographer's Name

NG

Photo No 12

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



2. SITE DATA Circle the correct response.

Slope	<u>flat</u>	gentle	steep	Aspect	N	NE	E	SE	S	SW	W	NW
Surface Soil	<u>gritty loam</u>				Colour	<u>brown</u>						
Exposed rock	type				% surface							
Sub-surface Soil	<u>loam</u>				Colour							
Rock	type <u>granite</u>				depth to rock	<u>>1m</u>						
Drainage	well	mod	poor	depth water	cm	Wet	all year	winter/spring				
Litter	twigs	US	stems	% cover	30/70	Bare Ground	30/50	% cover				
	Depth	cm										

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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					10/30
DOMINANT SPECIES					Euc. yilgarensis
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10			10/30	
DOMINANT SPECIES	Santalum acumin			Oleandra axill	
GRASSES		HERBS	SEDGES	SEDGES	
	over 0.5m	under 0.5m	over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	2-10/30	10/30		20/30	
DOMINANT SPECIES	Neurachne alopecuroides Stipa trichophylla	Lomandra effusa Borya constricta		Lepidosperma "	

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No	LK 04
Date	12-5-1999
	17-10-1999

Record on Sheet

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

[illegible]

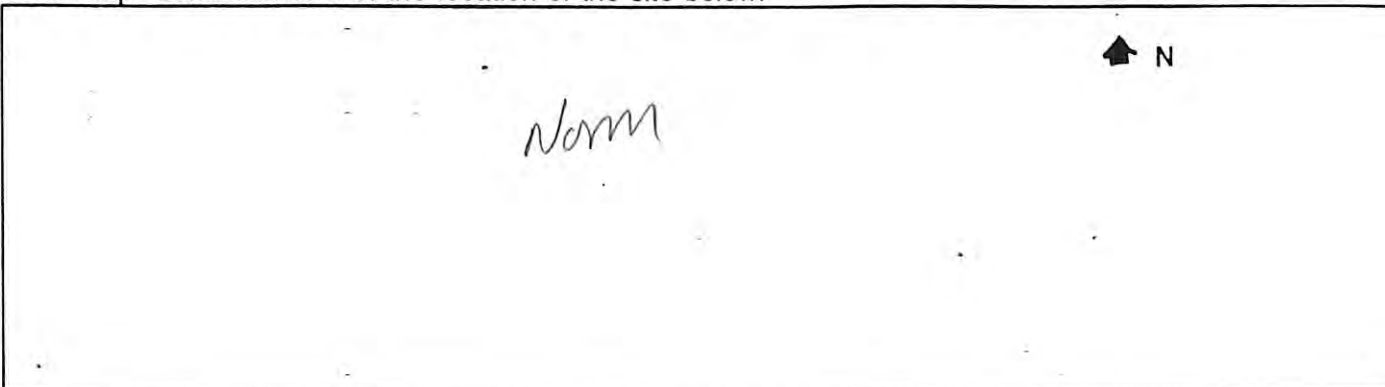
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 05
 DATE TRIP 13-5-1999 RECORDERS NG/GK
 DATE TRIP 17-10-99 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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



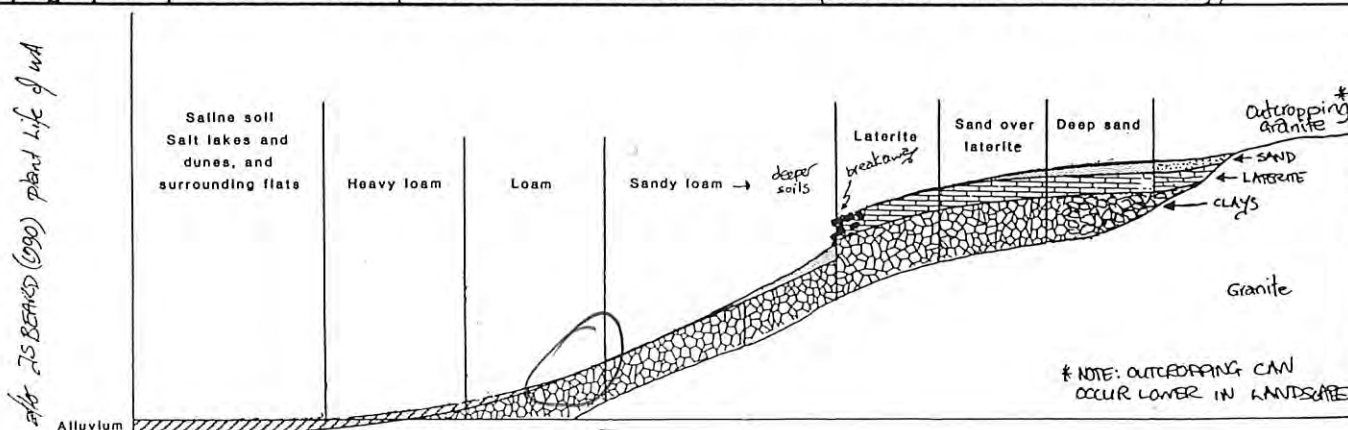
Road Location DUNN ROCK NR

Geographic Location Latitude NORM S Longitude _____ E Altitude _____

Reference Map

Photograph Photographer's Name NG 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 clay loam Colour brown
 Exposed rock type _____ % surface _____

Sub-surface Soil rock Colour _____
 Rock type siltstone depth to rock 20cm

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

Litter leaves, logs % cover 70/90 Bare Ground 10/30 %cover
 Depth 0-2-10 cm

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	2-10				
DOMINANT SPECIES	<i>Euc. salmonio</i>				

	SHRUBS				SHRUBS
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10				2-10
DOMINANT SPECIES	<i>Melaleucina</i> <i>Acacia</i> <i>Melo. lateriflora</i>				<i>Allocasuarina</i> <i>Dodonaea bursariif</i> <i>Rhagodia</i>

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<2	<2			
DOMINANT SPECIES	<i>Stipa eleg</i>	<i>Lomand. micr</i>			

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No LK 105
Date 13-5-1999
17-10-99

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

17-10-99				Column 3 flowering time				Column 4 identification check				HERBS (cont.)				No	FI	ID		
TREES				No	FI	ID	SHRUBS (cont.)				No	FI	ID	HERBS (cont.)				No	FI	ID
Eucalypt salmonophloia														(17-10-1999)						
														X Pentaschistis airoid						
														X Crassula colorata						
														X Olearia muelleri						
														X Danthonia						
														X Rhagodia / Chenopodium						
														X Hypochaeris glabra						
														X Callandrinia calyptrata						
														X Stipa						
														X Crassula exserta						

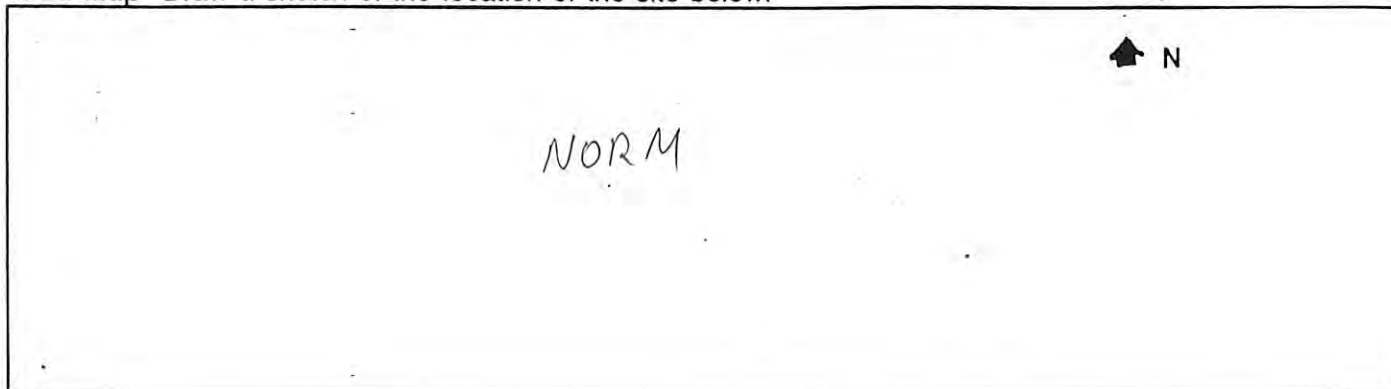
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 06
 DATE TRIP 13-50-1999 RECORDERS NG/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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.



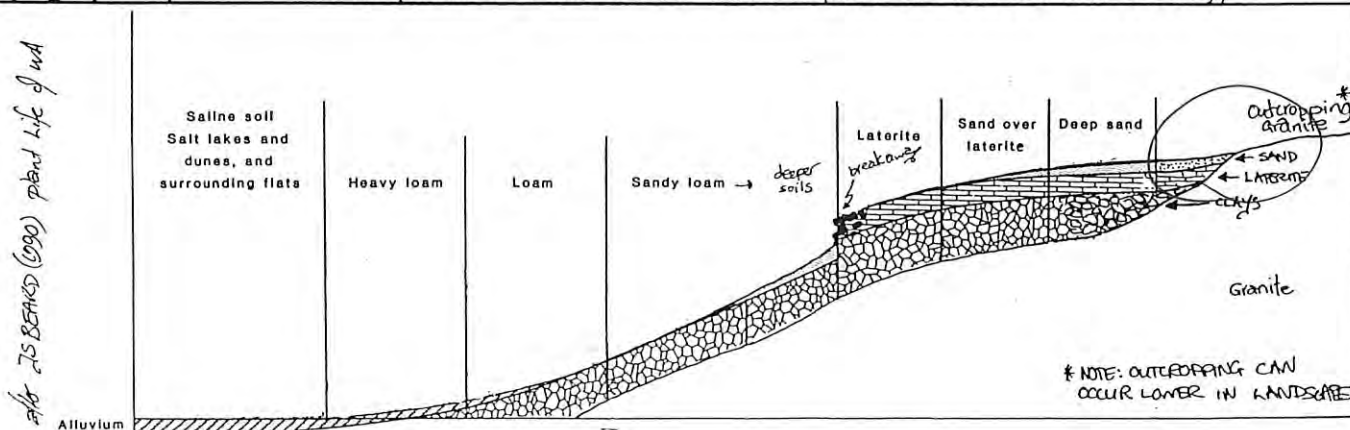
Road Location DUNN ROCK NR

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map _____

Photograph _____ Photographer's Name NG Photo No 21

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 lateritic sand Colour brown
 Exposed rock _____ type _____ % surface _____

Sub-surface Soil _____ Colour _____
 Rock _____ type laterite depth to rock _____

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

Litter W, stems, twigs % cover 70/90 Bare Ground _____ %cover _____
 Depth 2-5 cm

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

3. VEGETATION STRUCTURE AND COVER

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%
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TREES				MALLEES	
	over 15m	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		 <i>Hakea circum</i> <i>Hakea ?eygna</i>			
COVER CLASS (%)	2	30/70			10/30
DOMINANT SPECIES	<i>Allocas. pinaster</i>	<i>Dry. circinoides</i> <i>Sop. teretif</i> <i>Beaufortia</i>			<i>Banksia violac</i> <i>Dry.</i>

GRASSES		HERBS	SEDGES	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	22	22			2/10
DOMINANT SPECIES					<i>Schoenus</i> <i>Lepidobolus</i> <i>Lepidosperma</i>

4. VEGETATION CONDITION

Comments excellent

20x20

Same

Label each plant
Record on Sheet

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

- Column 4 identification check

17-10-1999

// Schœus subspiculus (188)

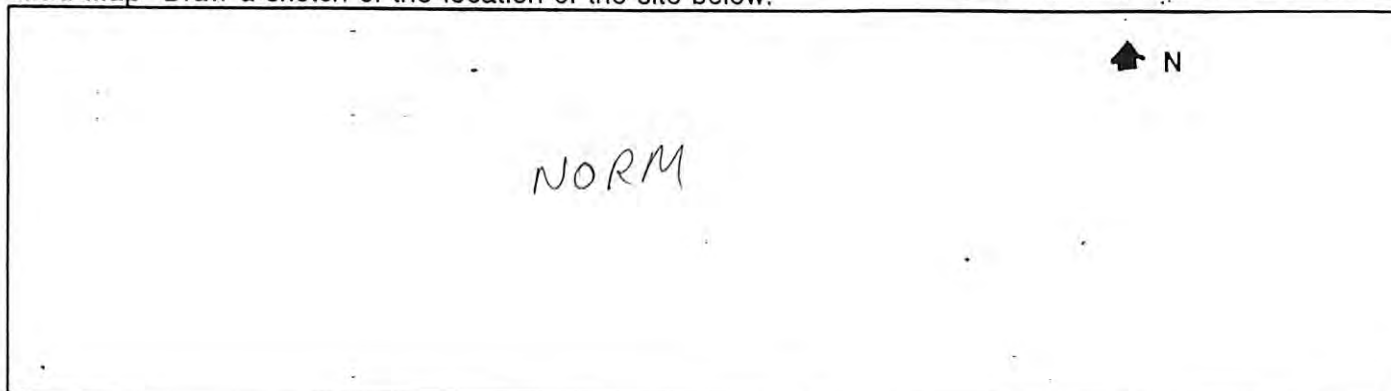
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 07
 DATE TRIP 13-5-99 RECORDERS NG/GK
 DATE TRIP 17-10-99 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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



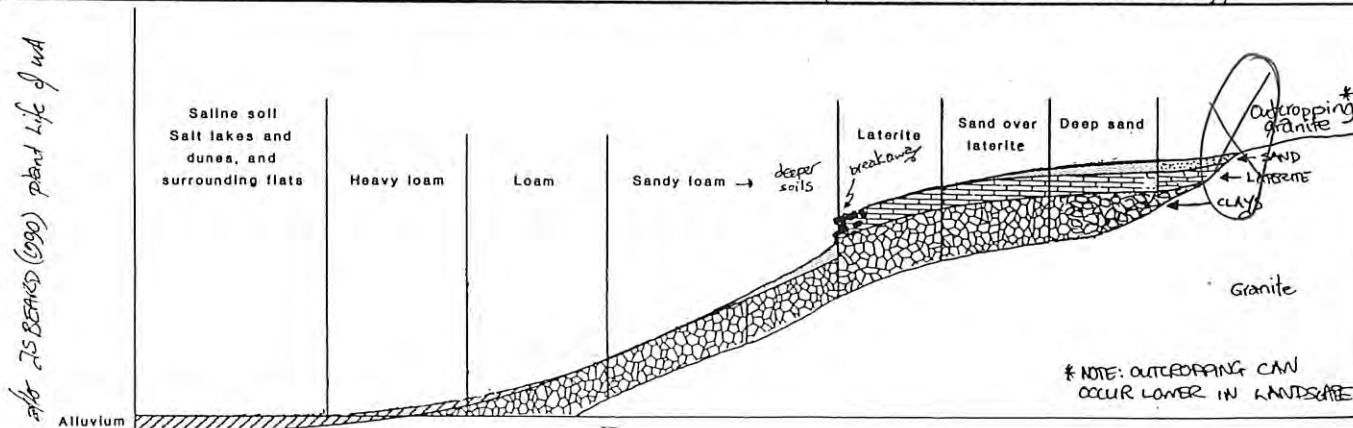
Road Location DUNN ROCK Nature Reserve

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map _____

Photograph Photographer's Name NG Photo No 19

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 type gritty brown **Colour** loam
Exposed rock type _____ % surface _____

Sub-surface Soil type ditto granite **Colour** _____
Rock type _____ depth to rock _____

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

Litter twigs, logs, stems _____ % cover 90/100 **Bare Ground** 0 %cover
 (Depth 0-15 cm)

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

3. VEGETATION STRUCTURE AND COVER

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%
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TREES				MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)		>70			
DOMINANT SPECIES		<i>Allocas hurg</i>			

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

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	L2	L2			10/30
DOMINANT SPECIES					<i>Lepidosperma</i>

4. VEGETATION CONDITION

Comments

excellent

20420

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only				name if required
Label each plant with plants number, site code, date and	plant's name or working			same
Record on Sheet	• Column 1	plant name		
	• Column 2	plant number		

SITE No LK 07
Date 13-5-1999
17-10-1999

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

same

[illegible]

13/5/99

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 08
 DATE TRIP 13-5-1999 RECORDERS NG/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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.



NORM

Road Location

NORM

Geographic Location Latitude

S Longitude

E Altitude

Reference Map

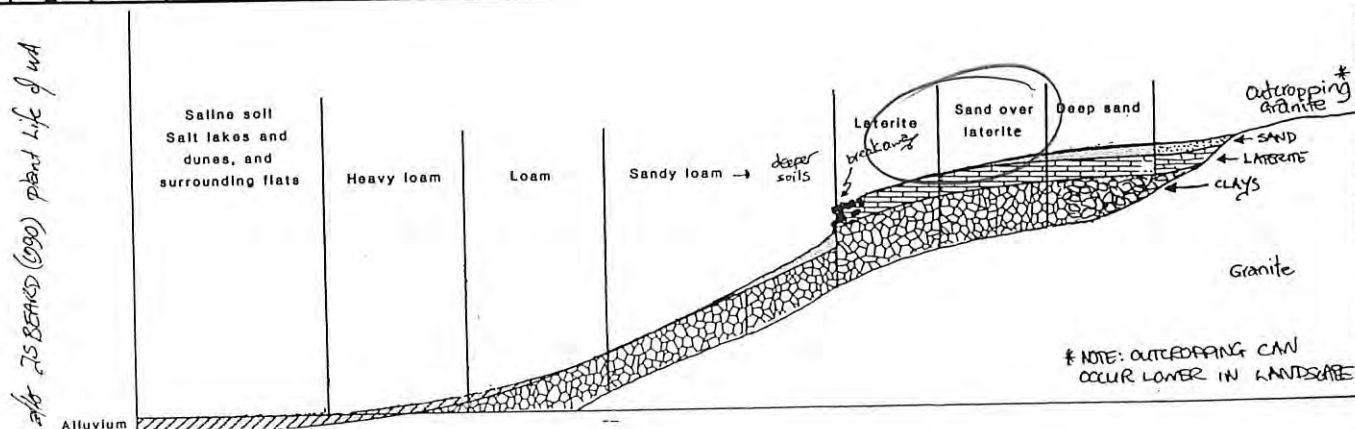
Photograph

Photographer's Name

NG

Photo No *18*

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



2. SITE DATA Circle the correct response.

Slope	<u>flat</u>	gentle	steep	Aspect	N	NE	E	SE	S	SW	W	NW	
Surface Soil	<u>sand-laterite</u>								Colour	<u>orange</u>			
Exposed rock	type	<u>laterite</u>								% surface			
Sub-surface Soil									Colour				
Rock	type	<u>laterite</u>								depth to rock			
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet all year			winter/spring				
Litter	<u>lvs, twigs</u>		% cover	<u>70/90</u>		Bare Ground		<u>10/20</u>		%cover			
	Depth	<u>2-10</u>		cm									

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)		10/30			2-10
DOMINANT SPECIES		<i>Euc. falcata</i> <i>Euc.?</i> <i>Euc. angul</i>			<i>Euc. ? wandoo</i>
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	2		10/30	2-10
DOMINANT SPECIES	<i>Hakea laurina</i> <i>Metel. unc</i>	<i>Leptom. priss</i>		<i>Beyeria techen</i>	<i>Acacia (most dead)</i> <i>Spyridium</i> <i>Grev. acuaria</i>
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	L2	L2		10/30	
DOMINANT SPECIES				<i>Lepidosp - visc</i>	

4. VEGETATION CONDITION

Comments

excellent
burnt ca 20 yrs bjt

Logania (adj)

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

Same

5. SPECIES PRESCENCE

SITE No LK 08
Date 13/5/1999
7-10-99

BUSHLAND PLANT SURVEY RECORD

Label each plant with plants number, site code, date and
Record on Sheet

- Column 1 plant name
- Column 2 plant number

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

[illegible]

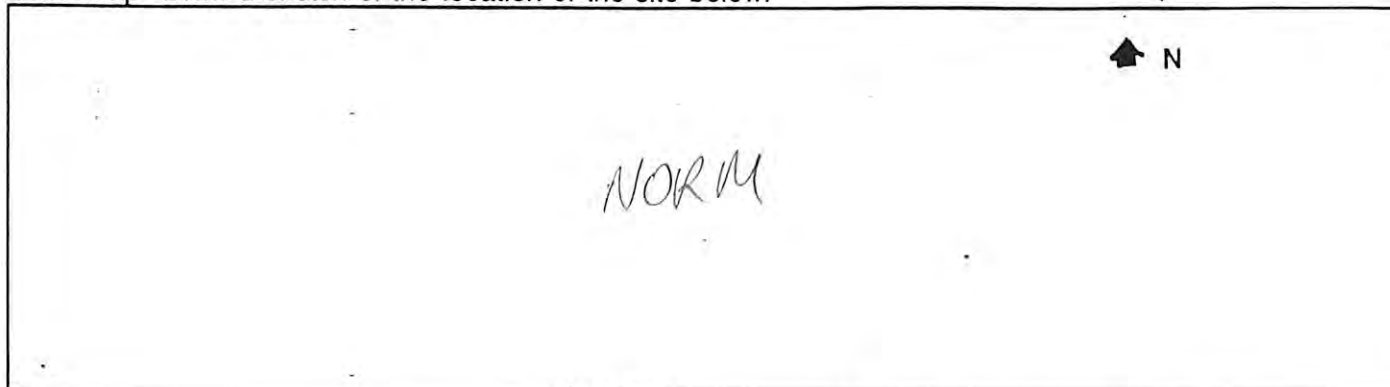
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER Ø9
 DATE TRIP 13-5-1999 RECORDERS NG/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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

NORM

Aerodrome rd NR

Geographic Location Latitude

S Longitude

E Altitude

Reference Map

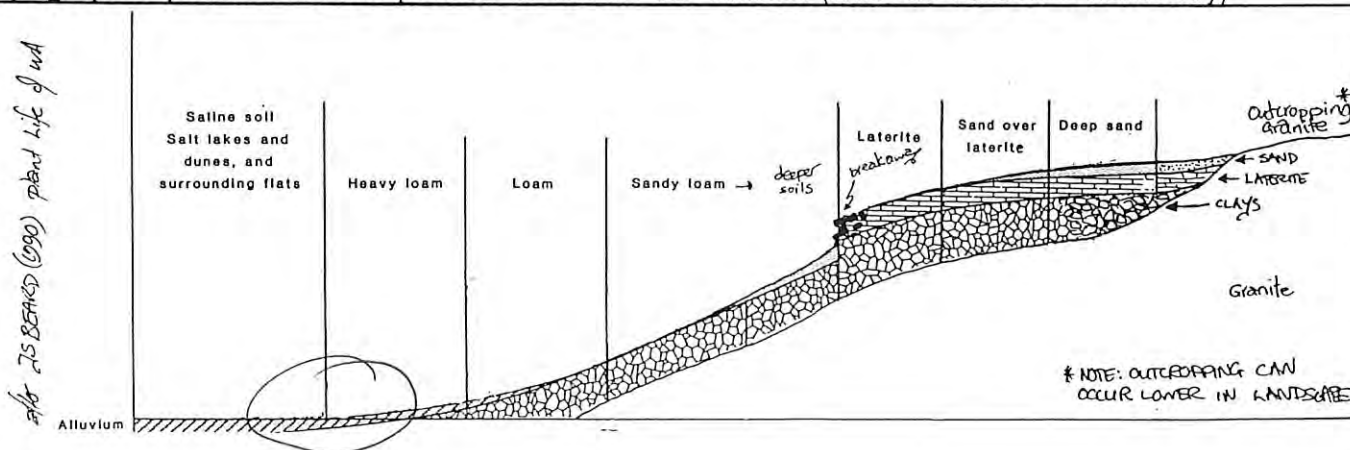
Photograph

Photographer's Name

NG

Photo No 16

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 Colour grey
 Exposed rock type % surface

Sub-surface Soil clay Colour grey
 Rock type depth to rock

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

Litter logs, twigs, lvs % cover 30/50 Bare Ground Ø 50 %cover
 Depth lvs 2-5 cm

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	2-10		10/30		
DOMINANT SPECIES	Euc. occ		Mel. strobophylla		

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

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	< 2	< 2			< 2
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

very good
many dead Euc occid

20x20

BUSHLAND PLANT SURVEY RECORDS

Label each plant with plants number, site code, date and Record on Sheet	Column 1 plant name	Column 2 plant number
---	------------------------	--------------------------

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

name if required	
------------------	--

same

[illegible]

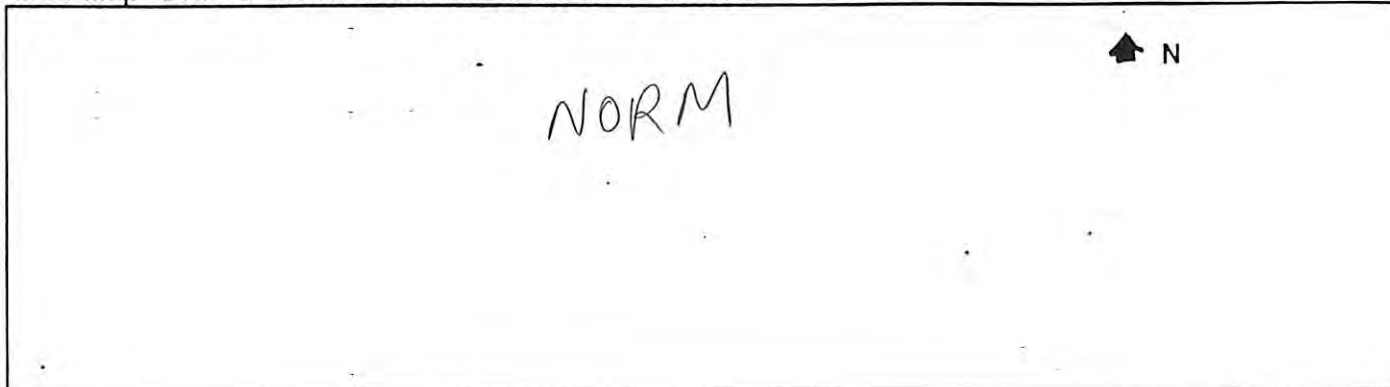
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 10
 DATE TRIP 14-5-1999 RECORDERS NG/GK
 DATE TRIP 16-10-1999 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 64 Nedlands WA 6008.

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

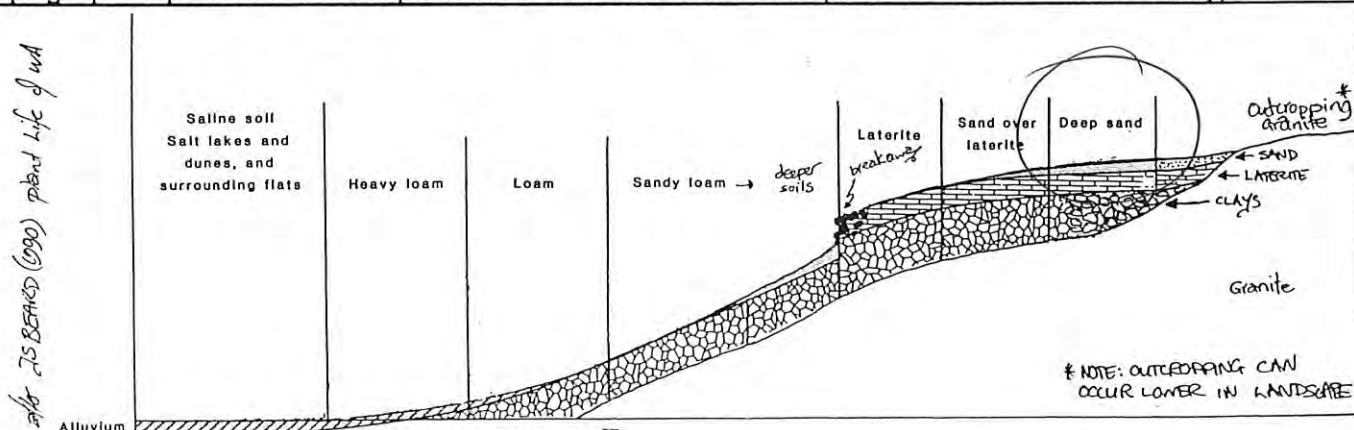


Road Location RABBIT FENCE ROAD -VCL

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

Photograph Photographer's Name NG Photo No 27

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 clay Colour yellow
 Exposed rock type _____ % surface _____

Sub-surface Soil sandy clayey laterite Colour yellow
 Rock type _____ depth to rock _____

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

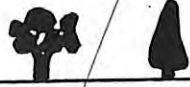
Litter twigs, lvs	% cover	10/30	Bare Ground	30/50	% cover
Depth 2-5	cm				

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

3. VEGETATION STRUCTURE AND COVER

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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					

SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1 - 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	2-10		2-10		10-30
DOMINANT SPECIES	<i>Callitris verrucosa</i>		<i>Hakea erecta</i>		<i>Allocas.</i>

GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					10/30
DOMINANT SPECIES	<i>Neracme alopec</i>	<i>Conostylis argentea</i>			<i>Schoenus</i> <i>Mesomel stygia</i>

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No LK 10

Date 14-5-1999

16-10-99

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

Column 1 plant name

Record on Sheet

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

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 11
 DATE TRIP 13-5-1999 RECORDERS N/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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.



NORM

Road Location

AEDROPRIME RD NR.

Geographic Location Latitude

S Longitude

E Altitude

Reference Map

Photograph

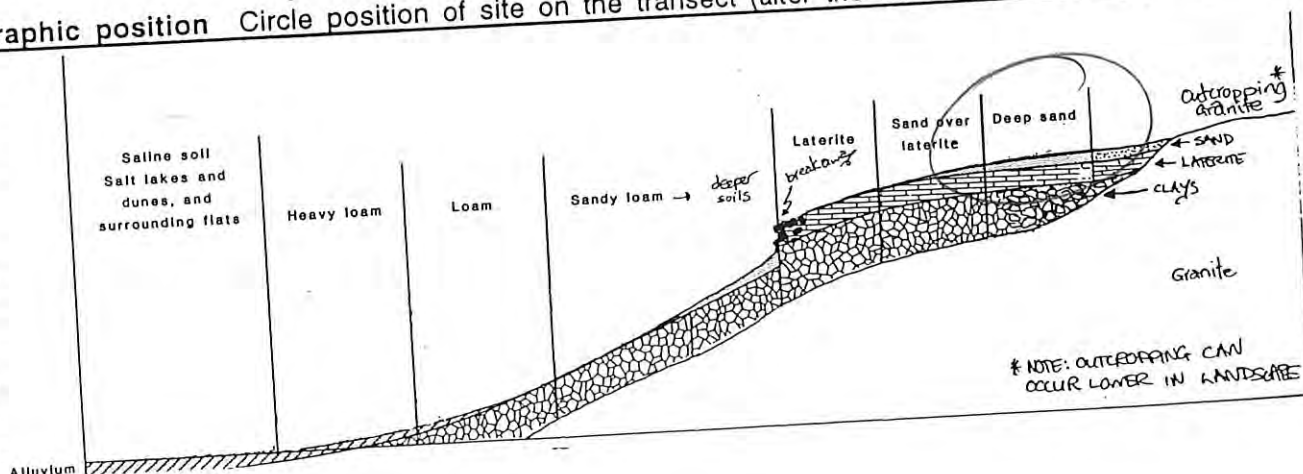
Photographer's Name

NG

Photo No *15*

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

after 25 BEAKS (1990) plant life of ud



2. SITE DATA Circle the correct response.

Slope	<u>flat</u>	gentle	steep	Aspect	N	NE	E	SE	S	SW	W	NW	
Surface Soil	<i>sand</i>			Colour	<i>cream</i>								
Exposed rock	type			% surface									
Sub-surface Soil	<i>sand</i>			Colour									
Rock	type			depth to rock									
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet	all year	winter/spring					
Litter	<i>twigs, lvs</i>	% cover	<i>10/10</i>	Bare Ground	<i>10/30</i>	% cover							
Depth	<i>2-5</i>	cm											

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	5-15m	under 5m	over 8m	under 8m		
LIFE FORM						30m	10m
COVER CLASS (%)				10-30			
DOMINANT SPECIES				Euc. incrass.			
				~~was~~ wanders off			
				? loc			
SHRUBS						SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m		
LIFE FORM						2m	1m
COVER CLASS (%)	2-10		2/10		10-30		
DOMINANT SPECIES	Banksia media		Hakea cory Petr-squam		Leptosp Hakea Banksia		
GRASSES		HERBS		SEDGES			
				over 0.5m	under 0.5m		
LIFE FORM						1m	
COVER CLASS (%)	<2	<2			10/30		
DOMINANT SPECIES					Leptosp Halperia		

4. VEGETATION CONDITION

Comments

excellent

all Malles. 2/3m, smooth ^{upper} bark brown
in long strips

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

5. SPECIES PRESCENCE

SITE No LK 11

Date 13-5-99

17-10-1999

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			
21	1	plant name		

Record on Sheet

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

same Argent: pall

[illegible]

Leucofaga concinnus (VSP)

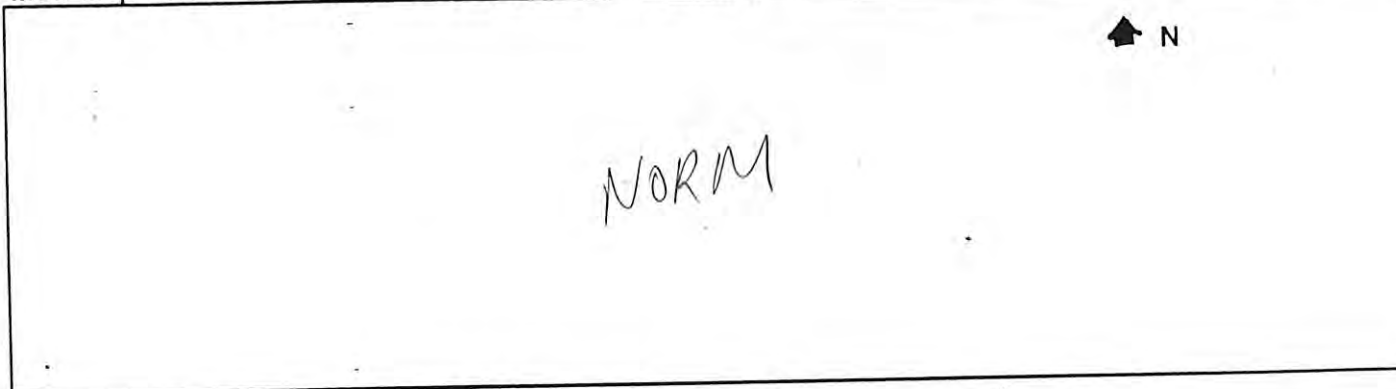
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 12
 DATE TRIP 14-5-99 RECORDERS GK/NG
 DATE TRIP 16-10-1999 RECORDERS AW/NG/GK
 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

NR on Hayes rd.

Geographic Location Latitude NORM S Longitude _____ E Altitude _____

Reference Map

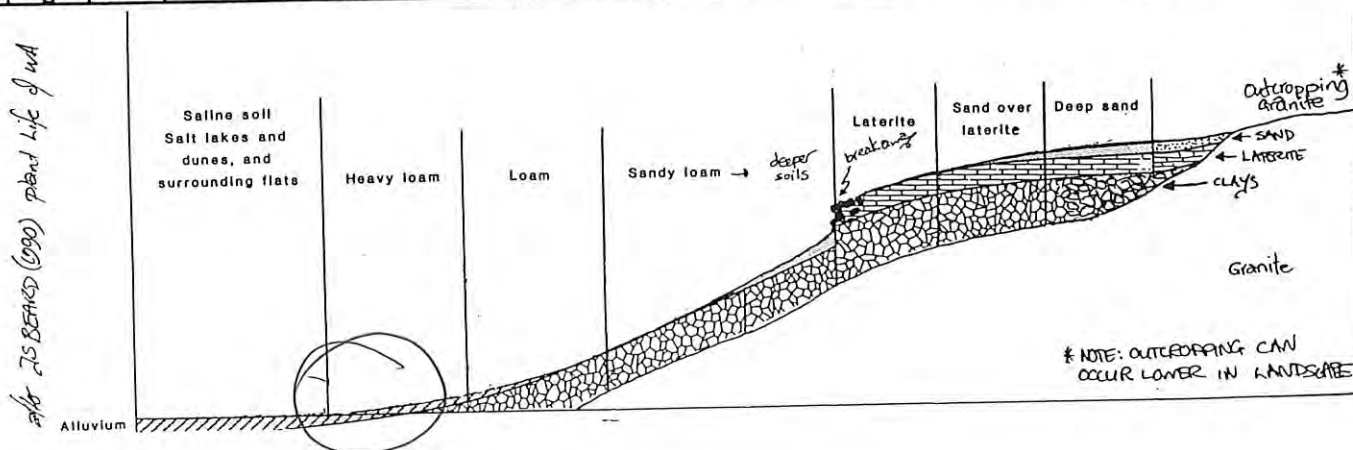
Photograph

Photographer's Name

NG

Photo No 23

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



2. SITE DATA Circle the correct response.

Slope	<u>flat</u> gentle steep	Aspect	N NE E SE S SW W NW
Surface Soil	<u>clay</u>	Colour	<u>brown</u>
Exposed rock	type	% surface	
Sub-surface Soil	<u>clay</u>	Colour	
Rock	type <u>siltstone</u>	depth to rock	<u>10-20cm</u>
Drainage	well <u>mod</u> <u>poor</u>	depth water	cm
		Wet	all year winter/spring
Litter	<u>Wg bark frags</u>	% cover	<u>70/90</u>
	Depth <u>2-5</u> cm	Bare Ground	<u>10/30</u> %cover

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					10-30
DOMINANT SPECIES					Euc Euc
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			30/70		
DOMINANT SPECIES			Mel. undul Mel. Davies benth		
GRASSES		HERBS		SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	<2		<2	
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

name if required

Same

Label each plant with plants number, site code, date and
Column 1 plant name

Record on Sheet

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

Date 13-5-1999

Date 16-10-1999

11 Eve ~~Cornet~~ ^{female} 13/5/99 ✓

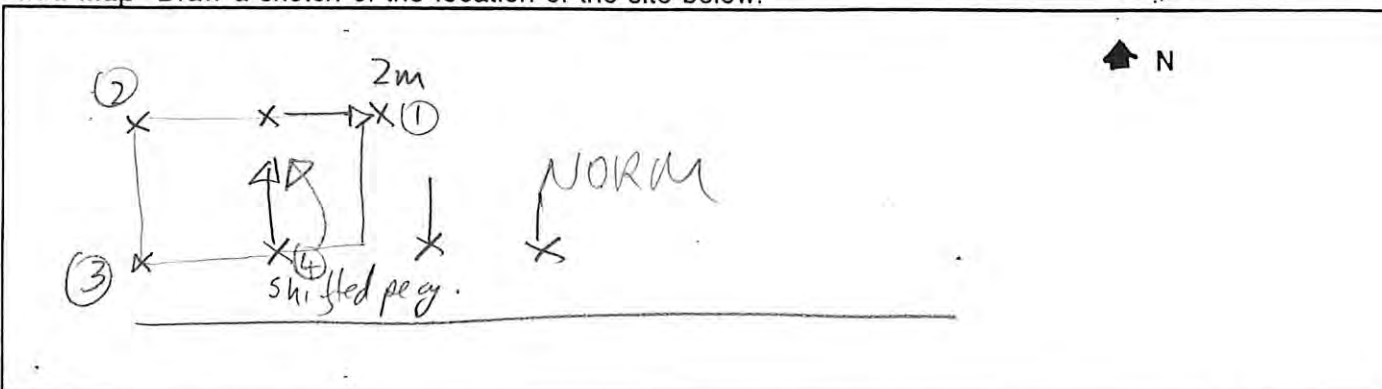
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 13
 DATE TRIP 14-5-1999 RECORDERS NG/GK
 DATE TRIP 16-10-1999 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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



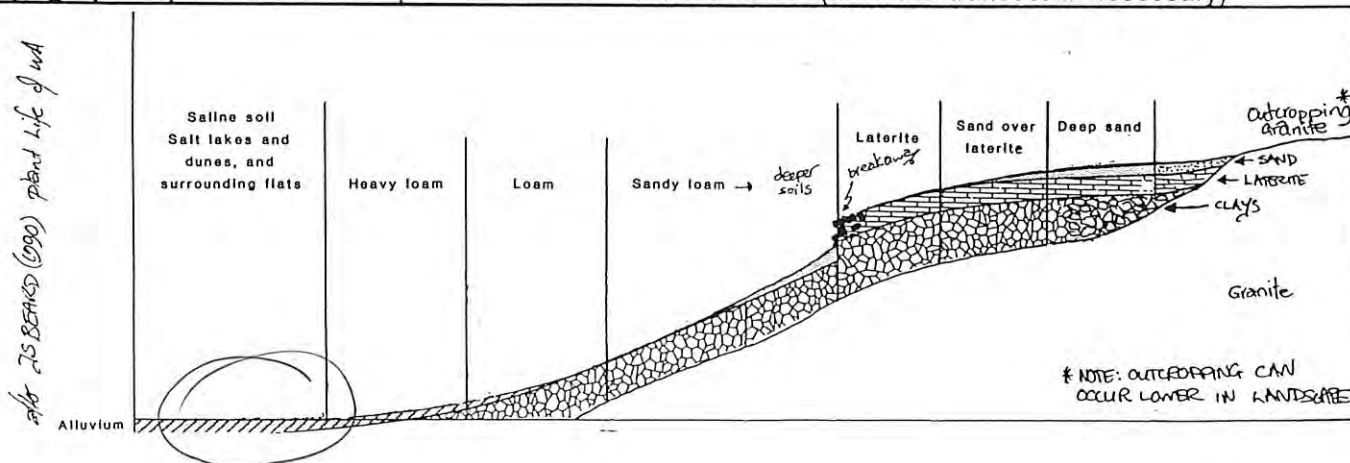
Road Location LAKE KING - NORSEMAN RD - VCL

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map _____

Photograph Photographer's Name NG Photo No 26

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 Colour grey
 Exposed rock type _____ % surface _____

Sub-surface Soil clay Colour _____
 Rock type _____ depth to rock _____

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

Litter 15g, twigs % cover 20 50 Bare Ground 30 50 %cover
 Depth 2-5 cm

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					2-10
DOMINANT SPECIES					Euc. cremop Euc.
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)				30/70	<2
DOMINANT SPECIES				Mel. undul Mel. paup Dav. acanth	
GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	L2	L2			2
DOMINANT SPECIES					Jahnia

4. VEGETATION CONDITION

Comments

very good - excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

5. SPECIES PRESCENCE

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

SITE No LK 13
Date 14-5-1999
16-10-1999

Record on Sheet

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

// Euc. pileata -

TREES			SHRUBS (cont.)			HERBS (cont.)		
No	FI	ID	No	FI	ID	No	FI	ID
Euc. pileata			depapuerata			16/10/1999		
" phanera						X Wilsonia humilis		
Euc. flab. flab.						X Stipa		
MALLEES			GRASSES					
benthamii spp						SEDGES		
SHRUBS						Lahnia		
Daviesia acanthoclona								
Melaleuca undulata			check. johnsonii					
" I brophyii			acuminata					
" II acuminata			latiflora					
" III latiflora			HERBS					
" IV teuthidoides			Thysanot pat					
Phebalium tuberculata								
Grevillea pectinata huegelii								
" Hakea ? coccinea commutata								
Melaleuca V societatis								

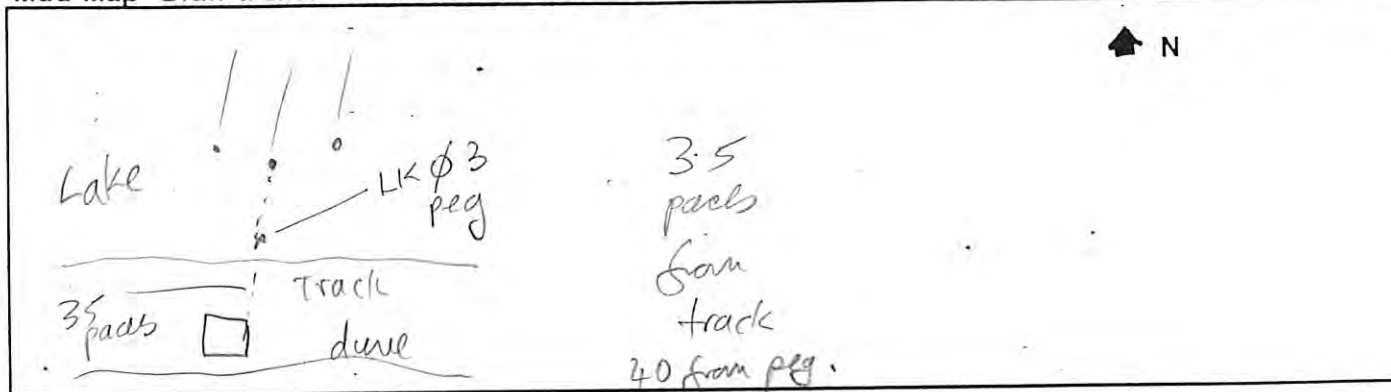
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 14
 DATE TRIP 12-5-99 RECORDERS NG/GK
 DATE TRIP 17-10-99 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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



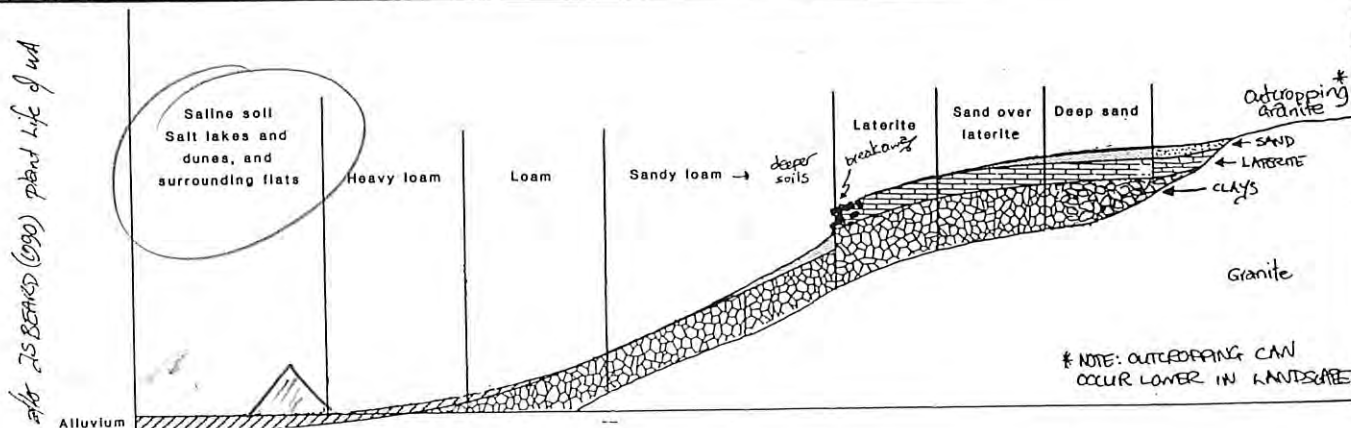
Road Location Palbrup Rks NR

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map

Photograph Photographer's Name NG Photo No 14

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	<u>N</u>	NE	E	SE	S	SW	W	NW	
Surface Soil	<u>sand</u>				Colour	<u>brown</u>							
Exposed rock	type				% surface								
Sub-surface Soil	<u>sand</u>				Colour								
Rock	type				depth to rock	<u>> 1m</u>							
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet	all year		winter/spring				
Litter	<u>bark, twigs, logs</u>				% cover	<u>10/90</u>				Bare Ground	<u>10/30</u> %cover		
	Depth <u>2-5</u> cm												

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 over 15m 5-15m under 5m MALLEES over 8m under 8m					
LIFE FORM					
COVER CLASS (%)	10/30				
DOMINANT SPECIES	Euc. kondin				
SHRUBS over 2m 2m - 1.5m 1.5 - 1m 1 - 0.5m SHRUBS under 0.5m					
LIFE FORM					
COVER CLASS (%)	2-10				10/30
DOMINANT SPECIES	Melal. pauperif Exocarp. aphyll Mel. thuyoides				Rhagod. drumm Ac. merrallii
GRASSES HERBS SEDGES over 0.5m under 0.5m					
LIFE FORM					
COVER CLASS (%)	<2	<2		2-10	
DOMINANT SPECIES				Lepidosp. - visc	

4. VEGETATION CONDITION

Comments

excellent - very good
rabbit warrens
old timber cutting

RUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No 2K 14

Date 12-5-1999

17-10-1999

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

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 15
 DATE TRIP 13-5-1999 RECORDERS NG/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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.



NORM

Road Location

AERODROME NR

Geographic Location Latitude

NORM

S Longitude

E Altitude

Reference Map

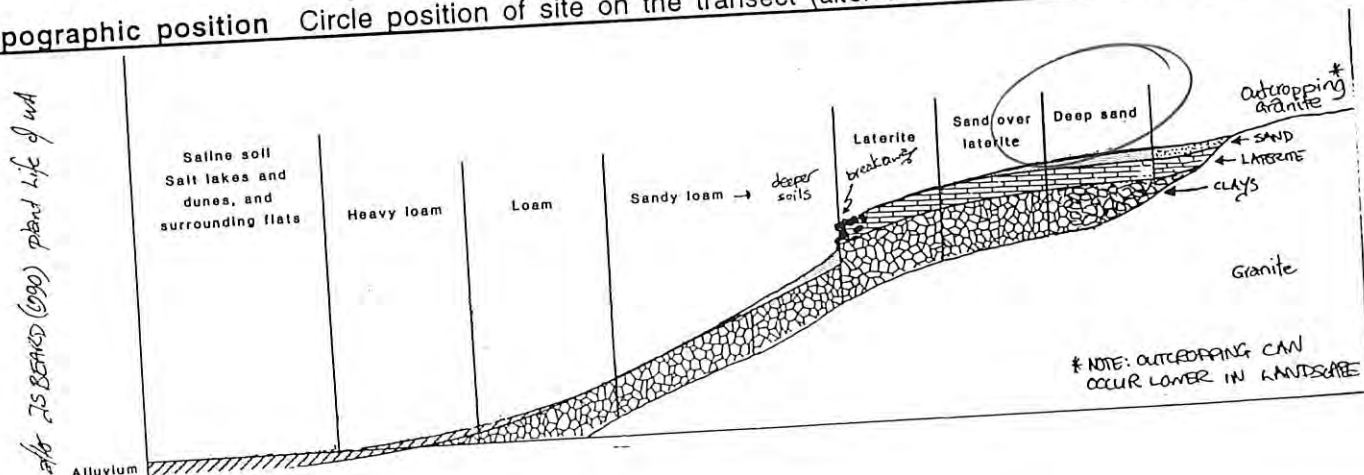
Photo No 17

Photograph

Photographer's Name

NG

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



2. SITE DATA Circle the correct response.

Slope	<u>flat</u>	gentle	steep	Aspect	N	NE	E	SE	S	SW	W	NW
Surface Soil	<u>sand</u>			Colour	<u>yellow</u>							
Exposed rock	type			% surface								
Sub-surface Soil	<u>lateritic sandy clay</u>			Colour	<u>yellow</u>							
Rock	type <u>laterite</u>			depth to rock								
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet	all year	winter/spring				
Litter	<u>vs. twigs</u>			% cover	<u>30/40</u>			Bare Ground	<u>10/30</u>		%cover	
	Depth <u>2/3</u>			cm								

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					10-30
DOMINANT SPECIES					<i>Euc. tetragona</i>

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM		 <i>Beaufortia eleg</i> <i>Isop. bay</i> <i>Banksia caleyi</i>			 <i>Alloc. hum</i>
COVER CLASS (%)	2-10	30/70			2-10
DOMINANT SPECIES	<i>Banks. media</i>	<i>Hakea</i> <i>Dryand. eirsi</i>			<i>Leucopogon</i> <i>Sorotom</i> <i>Mitella</i>

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	22			2
DOMINANT SPECIES	<i>Neracine alp</i>	<i>Lomand mucron</i>			<i>Lepidosperma</i>

4. VEGETATION CONDITION

Comments

s excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

BUSHLAND PLANT SURVEY RECORDING SHEET

Label each plant with plants number, site code, date and plant's name or weed status

Record on Sheet

- Column 1 plant name
- Column 2 plant number

Flowering time- TICK if species flowering

5. SPECIES PRESCENCE

SITE No LK 15 1999

Date 13-5-1999

17-10-1999

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

5. SPECIES PRESENCE				Record on Sheet	plant number	flowering time- TICK if species flowering	identification check	No	FI	ID	HERBS (cont.)	17/10/99	No	FI	ID
SITE No LK 15															
Date 13-5-1999															
17-10-1999															
TREES				No	FI	ID	SHRUBS (cont.)								
							Scaevola myrtifolia				X Dampiera juncea				
							Paronychia fraseri				X Stachysimon polyandrus				
							Dryandra pallida (VSP)				X Helakentia				
							Hibbertia graciliceps var. nana				X Cassytha glabella				
							Rinzia communis (USA)				X Combstylis argentea				
							Retrophile glauca (VSP)				X Leptospermum spinesc.				
											X Portersonia occidentalis				
											X Boronia crenulata				
											X Comesperma scoparium				
											X Bossiaka spinosa				
											X Pithocarpa				
											X Thysanotus ~~marginatus~~ marginatus				
											X Tricoryne tenella				
											SEDGES				
											X Lepidosperma brunneum (VSP)				
											X Lepidosperma Schomburgkii (VSP)				
											X Schoenus subflavus ssp. longus (VSP)				
											Tetraria				
											17/10/99				
											X Glissrochelyon aureum				
											X Lepidobolus chaetoc				
											X Stackhousia scoparia (VSP)				
											X Dryandra				
											X				
											Argentipallinum niveum				
											ADD Pinetia pleyades (VSP) 13/5/99				

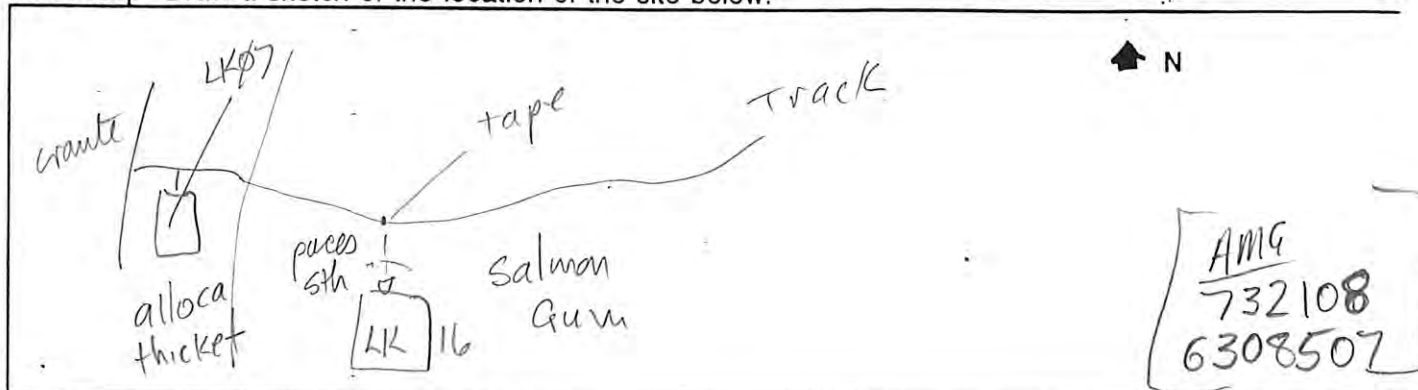
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 16
 DATE TRIP 13-5-1999 RECORDERS NG/GK
 DATE TRIP 17-10-99 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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



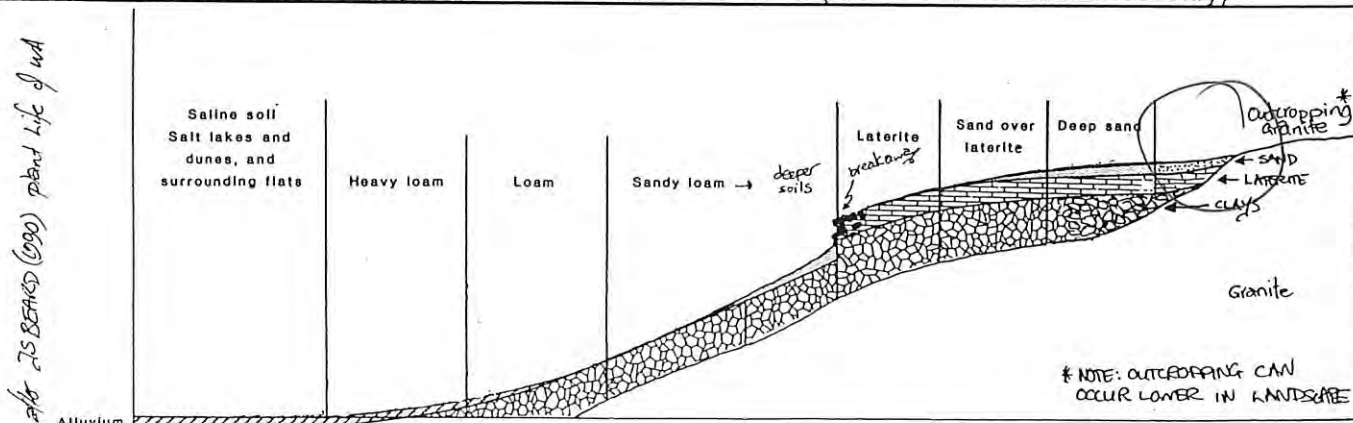
Road Location DUNN - ROCK

Geographic Location Latitude 33 20 15 S Longitude 119 29 38 E Altitude _____

Reference Map _____

Photograph Photographer's Name NG Photo No 20

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



2. SITE DATA Circle the correct response.

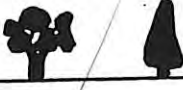
Slope	<u>flat</u>	gentle	steep	Aspect	N	NE	E	SE	S	SW	W	NW	
Surface Soil	<u>loam</u>												
Exposed rock	type											Colour	<u>brown</u>
Sub-surface Soil	<u>clay</u>												
Rock	type	<u>granite</u>										depth to rock	
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet		all year		winter/spring			
Litter	<u>bars, twigs, lvs, logs</u>												
Depth	<u>2-105 cm</u>												
Bare Ground	<u><10</u>												
% cover	<u>>90</u>												

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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	10/30	2/10			
DOMINANT SPECIES	Euc. salmon Euc. occid	Hakea laurina Allocas hueg			
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2/10				2-10
DOMINANT SPECIES	Mel. uncinata				Olearia axillaris Rhagod drumm
GRASSES		HERBS	SEDGES	over 0.5m	
				under 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	<2		2	
DOMINANT SPECIES		Lom. effusa Lom. micrantha		Lepidosp - visc	

4. VEGETATION CONDITION

Comments

excellent - very good
old evidence of cutting/camping

20 x 20

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

same
Ever. occid (usa)

"brilliant"
(JSP)

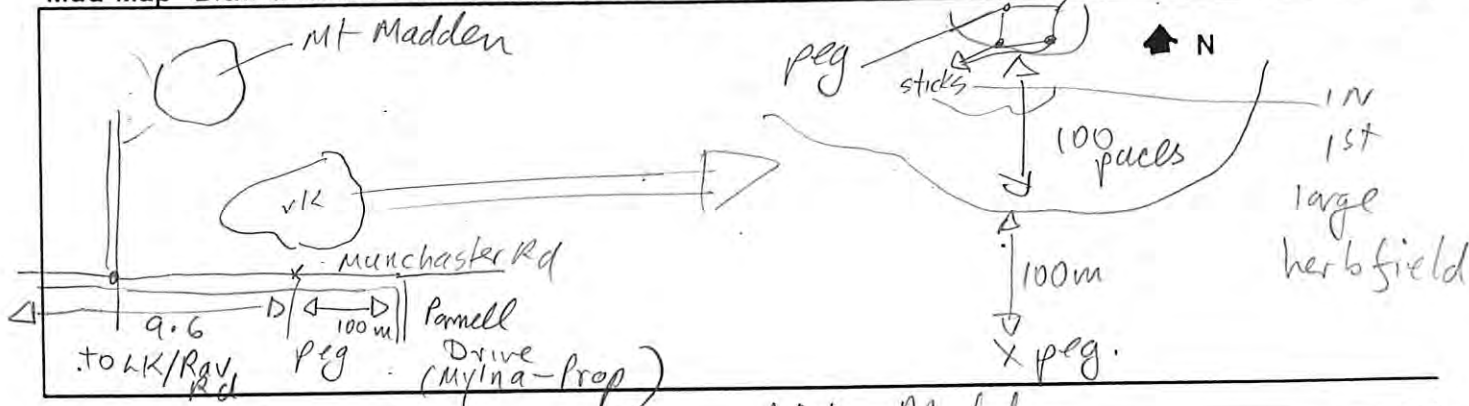
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 17
 DATE TRIP 14-5-99 RECORDERS NG/9K
 DATE TRIP 17-10-1999 RECORDERS NG/PAW/9K
 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 64 Nedlands WA 6008.

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



Road Location

Mt Madden

Geographic Location Latitude 33 14 42.2S Longitude 119 51 25.6 E Altitude 202

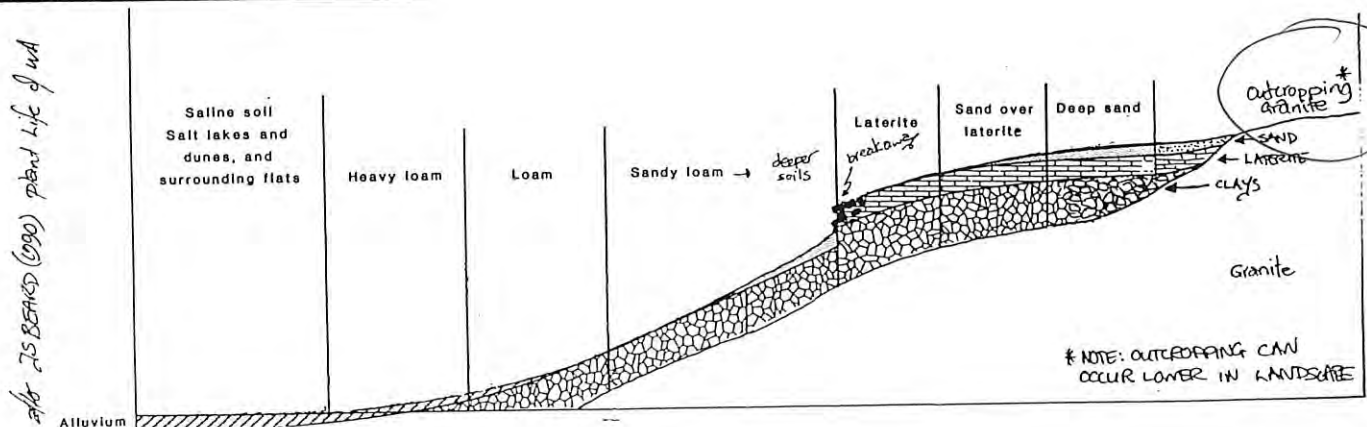
Reference Map

Photograph Photographer's Name

NG

Photo No 24

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	<u>SE</u>	S	SW	W	NW
Surface Soil	<u>mossy sand</u>							Colour	<u>brown</u>			
Exposed rock	type							% surface				
Sub-surface Soil								Colour				
Rock	type <u>granite</u>							depth to rock				
Drainage	well	mod	<u>poor</u>	depth water	cm	Wet	all year	winter/spring				
Litter	<u>1/4</u>	% cover	10/30	Bare Ground	<u>1/30</u>	% cover						
Depth	2	cm										

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	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
DOMINANT SPECIES				Thryp. saxie	Stackh. pubers

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	70/90	4/2		<2
DOMINANT SPECIES	Vulpia	Styp. imb Borja constricta Chel. austro-ten			

4. VEGETATION CONDITION

Comments

moosy soil
rabbit droppings —> weedy grasses

20726

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

Same

• Column 4 Identification check											
TREES				SHRUBS (cont.)				HERBS (cont.) 18/10/99			
No	FI	ID		No	FI	ID		No	FI	ID	
											x Ursinia anthem
											x Aca caryophyll
											✓ x Prasophyllum laxerost
											x Podolepis tepperi
											✓ x Podotheea angustif
											x Pentaschistis air
											x Ophioglossum coriac
											x Bobya nitida
											x Trachymene pilosa
											✓ x Millettia tenuifolia
											x Phyllanthum
											✓ x Dactylocten
											✓ x Aristida contorta vsp
											SEDGES
											x Bromus madit
											x Thysanotus paterson
											x Gonocarpus nodulos
											✓ x Urticaria glomeratum
											x Sonchus olerace
											x Microtis media
											✓ x Trachym ornata

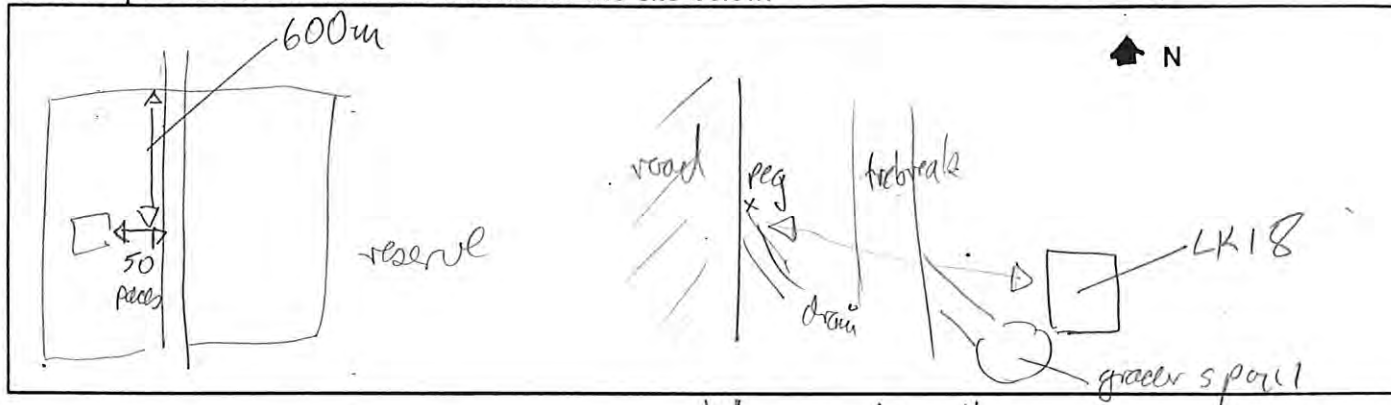
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 18
 DATE TRIP 14/5/1999 RECORDERS NG/GK
 DATE TRIP 16-10-99 RECORDERS AN/NG/GK
 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 64 Nedlands WA 6008.

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



Road Location

Hayes North road

Geographic Location Latitude 33 09 29.5 S Longitude 119 57 39.0 E Altitude _____
 Reference Map _____

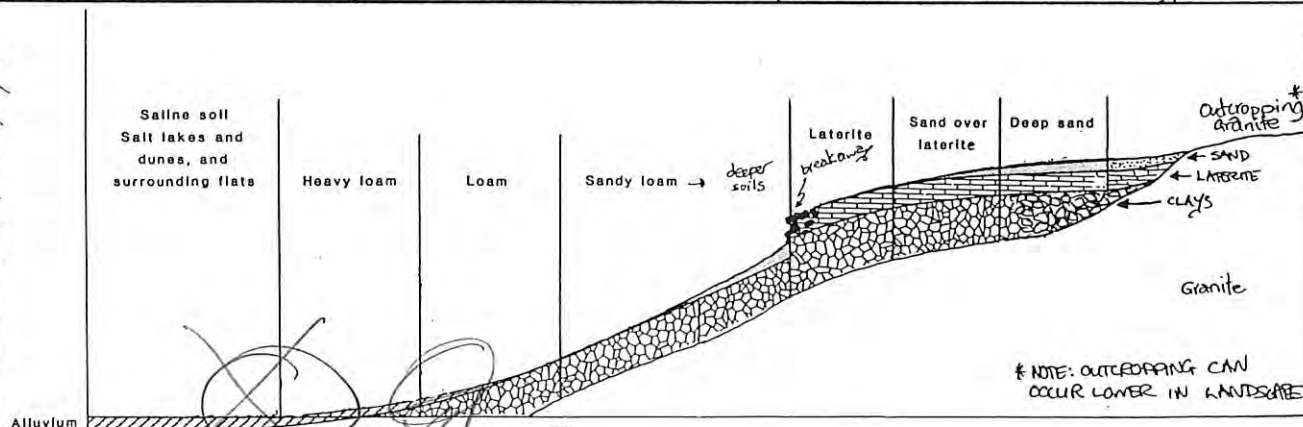
Photograph

Photographer's Name

NG

Photo No 24

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 **Colour** white
Exposed rock type _____ % surface _____

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

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

Litter bark, logs, twigs % cover 70 90 **Bare Ground** 10 30 % cover
 Depth 2-5 20 cm

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)		30/70			
DOMINANT SPECIES		<i>Euc. salubris</i> <i>Euc. flockt</i>			
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		30/70			L2
DOMINANT SPECIES		<i>Mel. pauperif</i> " <i>quadrif</i>			
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	L2	L2			L2
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent
pole stand, but ca 30 yrs ago?

~~E. salubris~~

5. SPECIES PRESCENCE

SITE No LK 18

Date 14-5-1999

16 - 10 - 1999

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

name if required
Euc. sp. 6m / bark smooth
~~same~~ grey - bronze
E. flocktoniae ✓

[illegible]

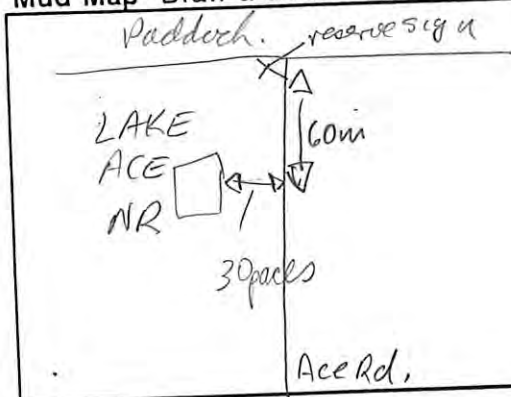
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 19
 DATE TRIP 14-5-1999 RECORDERS NG/GK
 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.



AMG
758058
6348915

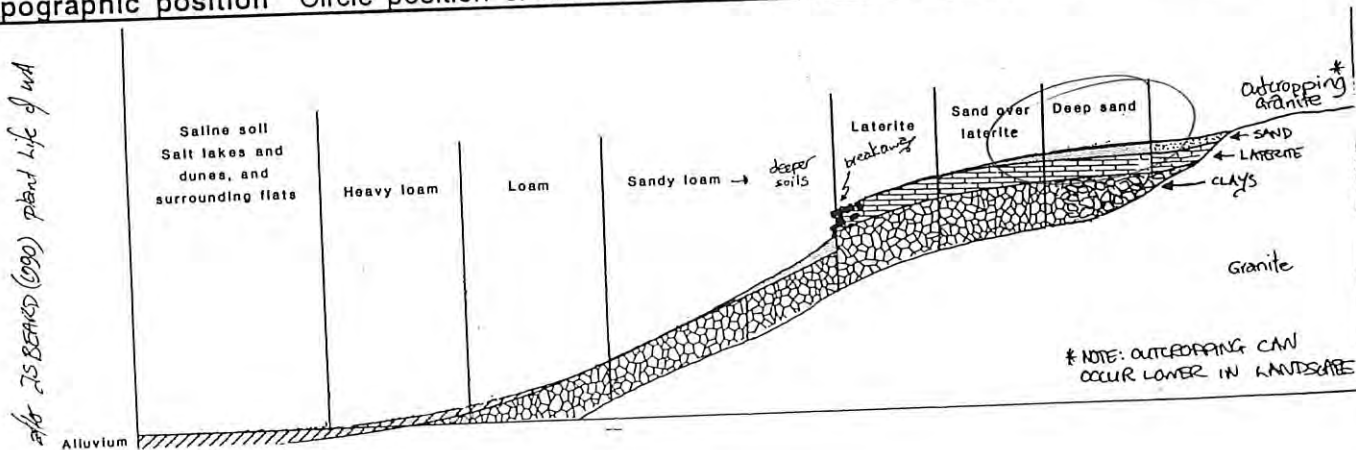
Road Location LAKE ACE NR / 8.7 km N LAKE KING / NORSEMAN

Geographic Location Latitude 32 58 03.1 S Longitude 119 45 39.6 E Altitude _____

Reference Map _____

Photograph _____ Photographer's Name NG Photo No 28

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



2. SITE DATA Circle the correct response.

Slope	<u>flat</u> gentle steep	Aspect	N NE E SE S SW W NW
Surface Soil	<u>sandy gravel</u>	Colour	<u>yellow</u>
Exposed rock	type	% surface	
Sub-surface Soil	<u>gravelly loam</u>	Colour	
Rock	type	depth to rock	
Drainage	<u>well</u> mod poor depth water	cm	Wet all year winter/spring
Litter	<u>twigs, lvs</u>	% cover	<u>30/50</u>
Depth	<u>2-5</u>	cm	
Bare Ground	<u>30/50</u>	% cover	

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	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				10-30
DOMINANT SPECIES	<i>Banksia eldersonii</i> <i>Alloc. acutw</i> <i>Leptos. roei</i>				<i>Melaleuca</i> <i>Allocas.</i>

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					1m
COVER CLASS (%)	<2	2-10			10/30
DOMINANT SPECIES		<i>Conostylis argentea</i> <i>Borya condurita</i>			<i>Mesomyl. preiss</i> <i>Lepidobol chaet</i> <i>Tetraria</i>

4. VEGETATION CONDITION

Comments

excellent

20x20

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

Same

[illegible]

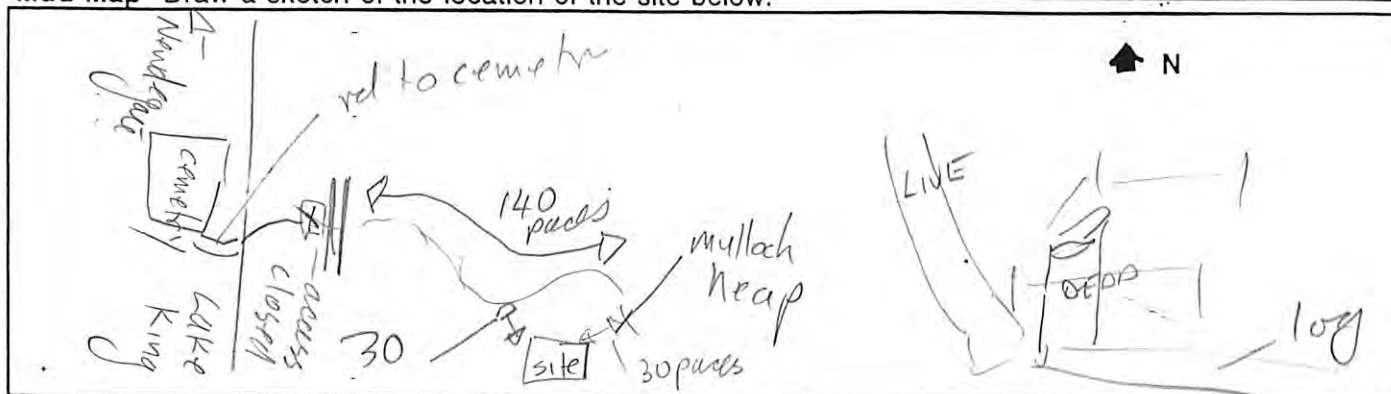
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 20
 DATE TRIP 14/5/1999 RECORDERS NG/GK
 DATE TRIP 17/10/1999 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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



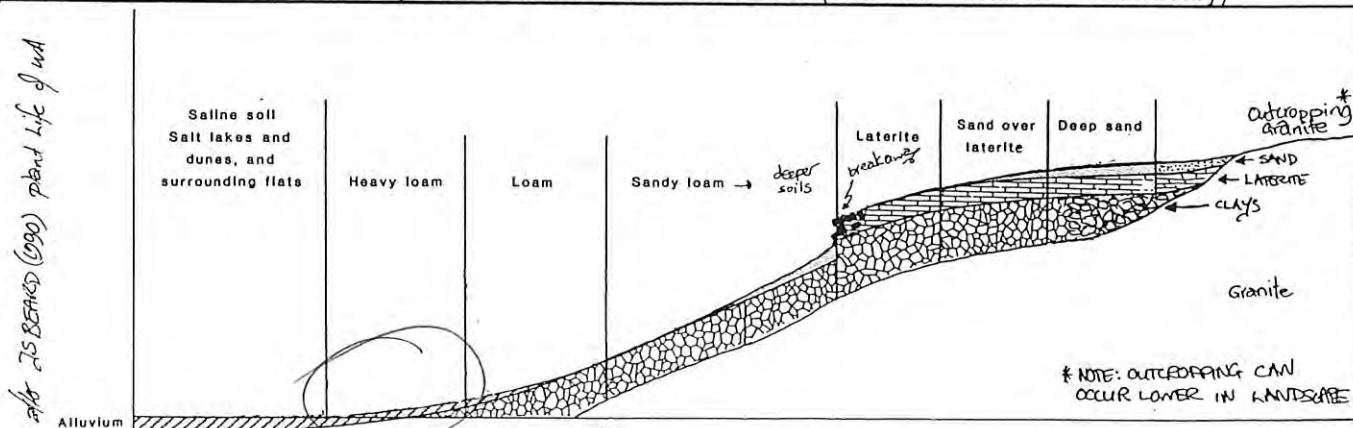
Road Location LAKE KING - NEWDEGATE RD

Geographic Location Latitude 33 05 18.7 S Longitude 119 39 43 E Altitude 9.0

Reference Map

Photograph Photographer's Name NG Photo No 29

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 clay Colour _____
 Rock type _____ depth to rock _____

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

Litter bark, US, fungi % cover 50/70 Bare Ground 30/50 %cover
 Depth 2-5 cm

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	2-10				10/30
DOMINANT SPECIES	<i>Euc. salmon</i> <i>Euc. gloch</i>				<i>Euc. gloch</i>
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10				2-10
DOMINANT SPECIES	<i>Mel. later ac</i> <i>Sant. acun</i>				<i>Olea mulleri</i>
GRASSES		HERBS	SEDGES	under 0.5m	
LIFE FORM					
COVER CLASS (%)	< 2	< 2		10/20	
DOMINANT SPECIES	<i>Stipa tricho</i> <i>" eleg</i>			<i>Lepidosperma</i>	

4. VEGETATION CONDITION

Comments

good

$$20 \times 7 = 0$$

BUSHLAND PLANT SURVEY RECORDING SHEET 3			use power 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

Date 17-10-1999

[illegible]

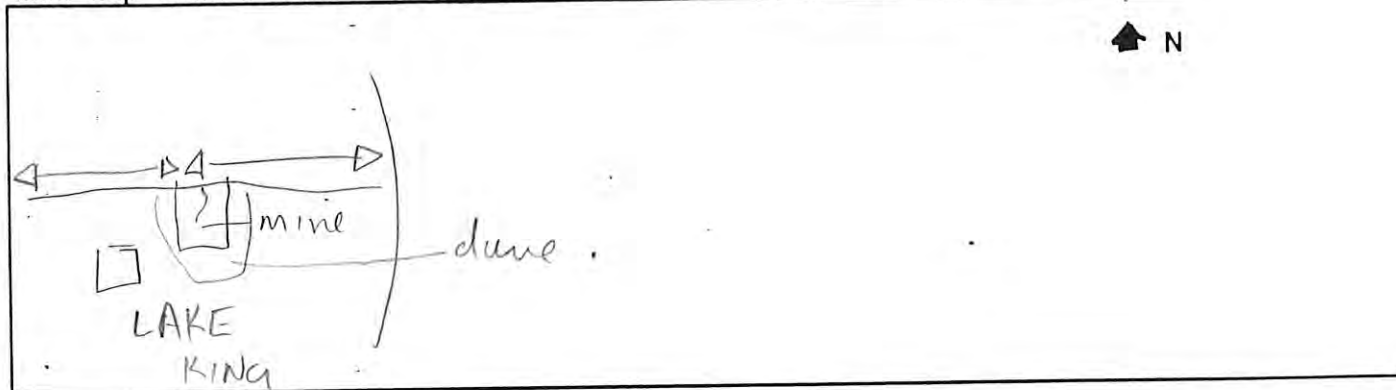
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 21
 DATE TRIP 14-5-1999 RECORDERS NG/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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

LAKE KING - NEWDEGATE

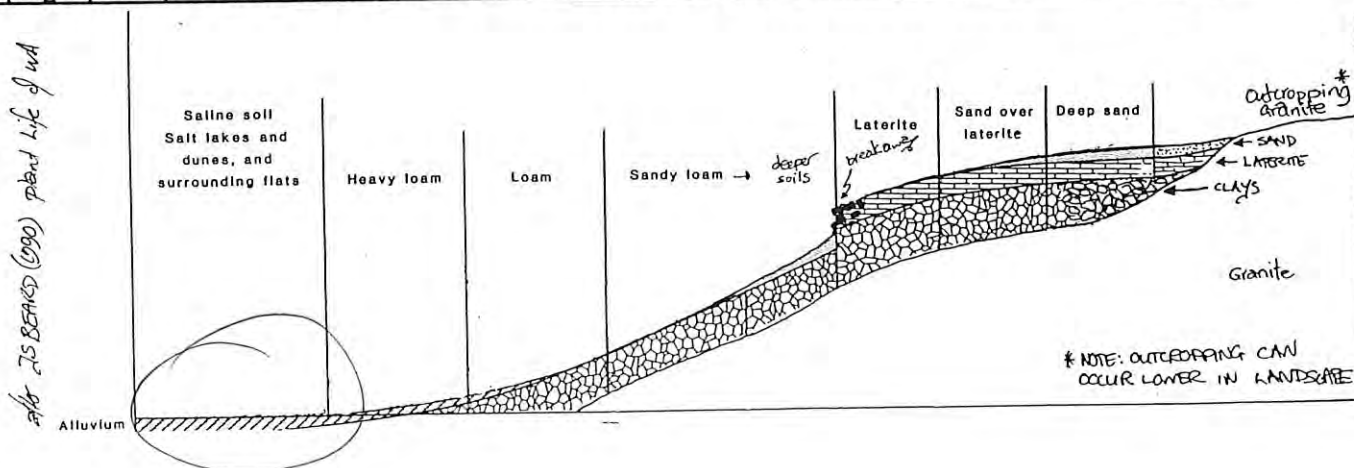
Geographic Location Latitude 33°05'32.5S Longitude 119°35'21.7E Altitude 2.4
 Reference Map

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	<u>flat</u> gentle steep	Aspect	N NE E SE S SW W NW
Surface Soil	<u>gypsum clay</u>	Colour	<u>grey/yellow</u>
Exposed rock	type % surface		
Sub-surface Soil	<u>gypsum clay</u>	Colour	
Rock	type depth to rock		
Drainage well mod	<u>poor</u> depth water	cm	Wet all year <u>winter/spring</u>
Litter	<u>twigs</u>	% cover	<u>2/110</u>
Depth	<u>2</u>	cm	
Bare Ground	<u>70/90</u>	% cover	

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					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					10/30
DOMINANT SPECIES					<i>Halosarcia halox</i> <i>Frankenia</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	L2	L2			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No	LK 21
Date	14-5-1999
	17-10-1999

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

[illegible]

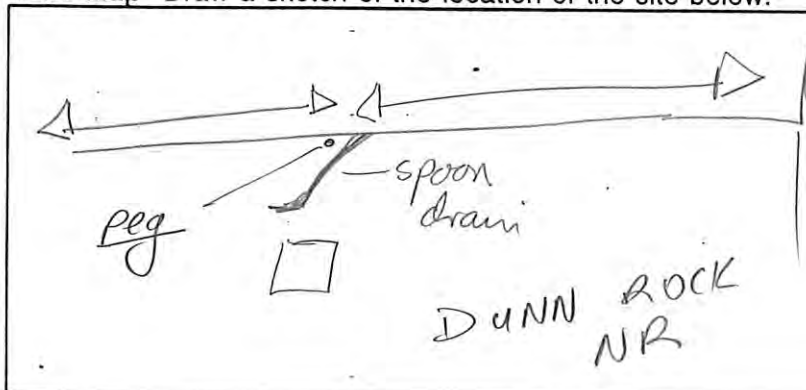
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 22
 DATE TRIP 14-5-1999 RECORDERS NG/GK
 DATE TRIP 17-10-99 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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

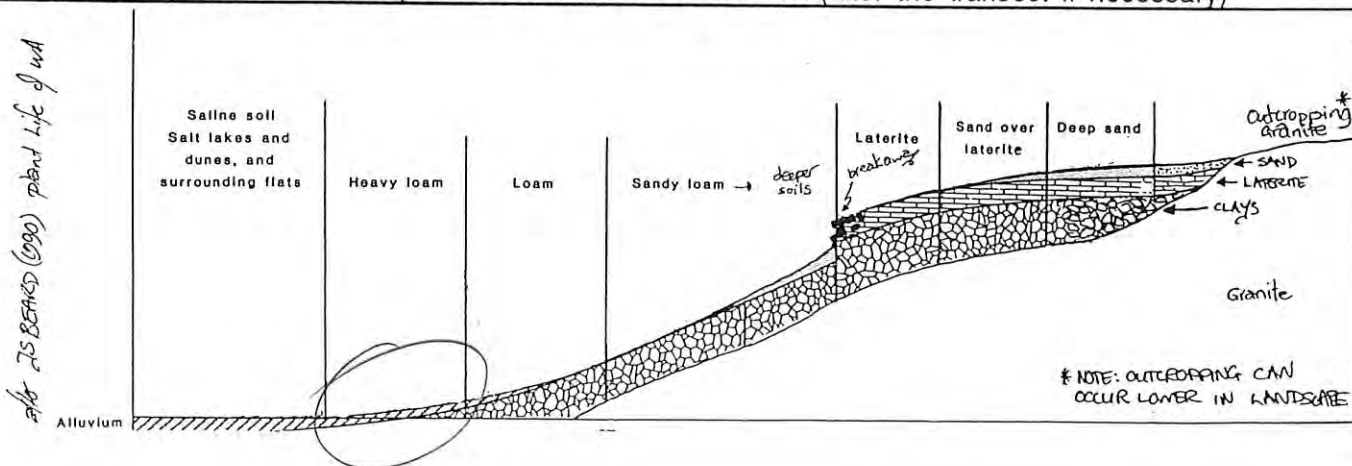


Road Location

Geographic Location Latitude 33 14 41 S Longitude 119 32 35 E Altitude 40
 Reference Map

Photograph Photographer's Name NG Photo No 32

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



2. SITE DATA Circle the correct response.

Slope	<u>flat</u> gentle steep	Aspect	N NE E SE S SW W NW
Surface Soil	<u>loam</u>	Colour	<u>brown</u>
Exposed rock	type	% surface	
Sub-surface Soil	<u>clay</u>	Colour	
Rock	type	depth to rock	
Drainage	well <u>mod</u> poor	depth water	cm Wet all year winter/spring
Litter	leafy twigs % cover <u>70/90</u>	Bare Ground	% cover <u>10/30</u>
Depth	<u>2-10 cm</u>		

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

3. VEGETATION STRUCTURE AND COVER

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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)		100 30/70			
DOMINANT SPECIES		<i>Euc. salubris</i> <i>Euc. gloch</i>			
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10				< 2
DOMINANT SPECIES	<i>Mel.</i> <i>Mel.</i>				<i>Acac. rhinac</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	< 2	< 2			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent — very good

20x20

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**

Same

[illegible]

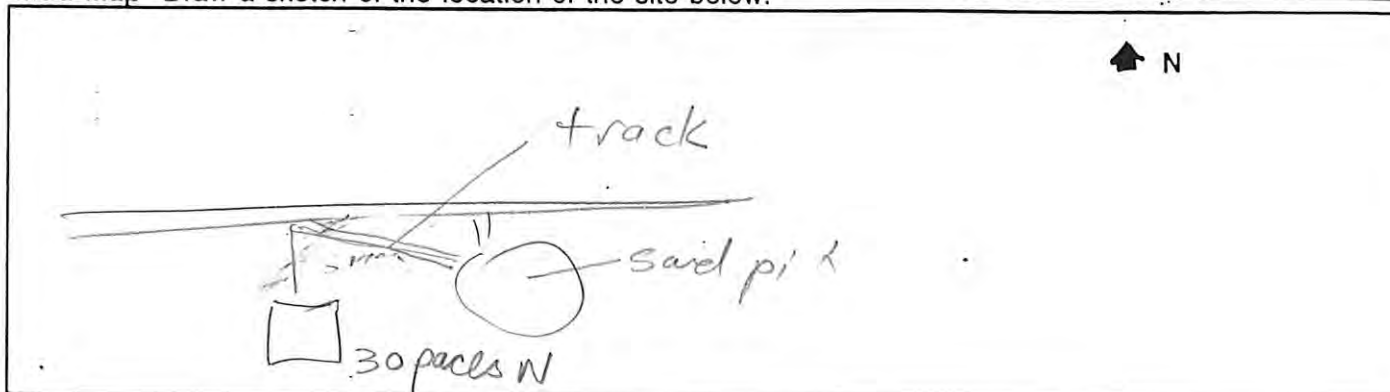
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 23
 DATE TRIP 14-5-1999 RECORDERS NG/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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

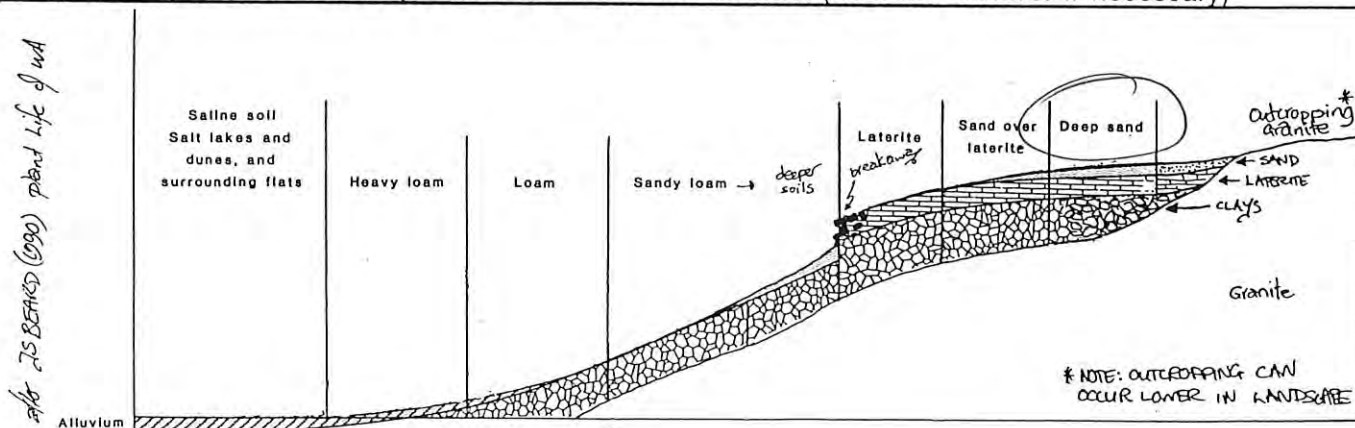


Road Location DUNN ROCK NR

Geographic Location Latitude 33 16 19.0 S Longitude 119 40 51.0 E Altitude 2-4
 Reference Map _____

Photograph Photographer's Name NG 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	<u>flat</u> gentle steep	Aspect	N NE E SE S SW W NW
Surface Soil	<u>sand</u>	Colour	<u>creamy</u>
Exposed rock	type _____ % surface _____		
Sub-surface Soil	<u>sand</u>	Colour	<u>creamy</u>
Rock	type _____ depth to rock _____		
Drainage	<u>well</u> mod poor depth water	cm	Wet all year winter/spring
Litter	<u>twigs, stems, lvs</u> % cover <u>30/50</u>	Bare Ground	<u>30</u> %cover
Depth	<u>2-10</u> cm		

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

3. VEGETATION STRUCTURE AND COVER

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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					2-10
DOMINANT SPECIES					<i>Euc. tetrag</i>

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		10/30			10/2/10
DOMINANT SPECIES		<i>Leptos. roli</i> <i>Eremoph. paucif</i> <i>Hakea</i>			<i>Hakea candoll</i> <i>Chamel grandif</i> <i>Persoonia</i>

GRASSES		HERBS		SEDGES		SEDGES	
				over 0.5m		under 0.5m	
LIFE FORM							
COVER CLASS (%)	< 2	2				10/30	
DOMINANT SPECIES		<i>Calceolaria grandif</i>				<i>Schoenus</i> <i>Mesomelaetia</i>	

4. VEGETATION CONDITION

Comments

very good - excellent
burnt ca 20 yrs ago

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

5. SPECIES PRESCENCE

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

SITE No LK 23

Record on Sheet

Date 14-5-1999

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

same

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.) 17/10/99	No	FI	ID
				Hakea candolleana			✓	X Calytrix leschenaultii			
				Cassythia flava				X Patersonia juncea			
				Verticordia plumosa	14/5		✓	X Laxmannia palcarea			
								X Drosera (pyg - white fls)			
								X Nerachne alopecuroides			
							✓	X Chamelaucium navic			
								X Stachystemon polyanthus (usp)			
MALLEES								X Dampiera juncea			
Euc. tetragona								X Allocasuarina microstachya			
				GRASSES				X Boeckha preissiana			
				Amphipogon turbin				X Stylidium			
							✓	X Helicopogon dielsianus			
SHRUBS								X Schoenus subflavus ssp. hispidus			
Dryandra erythro erythra								SEDGES			
Eremaea pascifl								Mesomelaena 2trami (usp)			
Hakea tetragona				cygna ssp. needlei (usp)				Schoenus obtusifolius			
Leptospermium foetidum								?Chrysanthemum = Lepidobolus chaetac			
Beaufortia micrantha micrantha											
Leptosperm spines				low shrub - 3thuyoides (usp)				Restio			
				HERBS				Harperia latriflora			
Cassythia glabella				Calcectasia grand							
Allocas - (the hoveed fruits)				Conostylis (petrophiloides)			(usp)				
Persoonia guthriei											
Allocas humilis											
Lysinema ciliatum											
Chonozama											
Melaleuca											
Hibbertia graciliceps var (usp)											
Daviesia (reversifolia)											
Jacksonia											
Lamopogon aff. conostylifolius 14/5 (usp) (small variant)											

pycnoblasta

culms!

S. scia

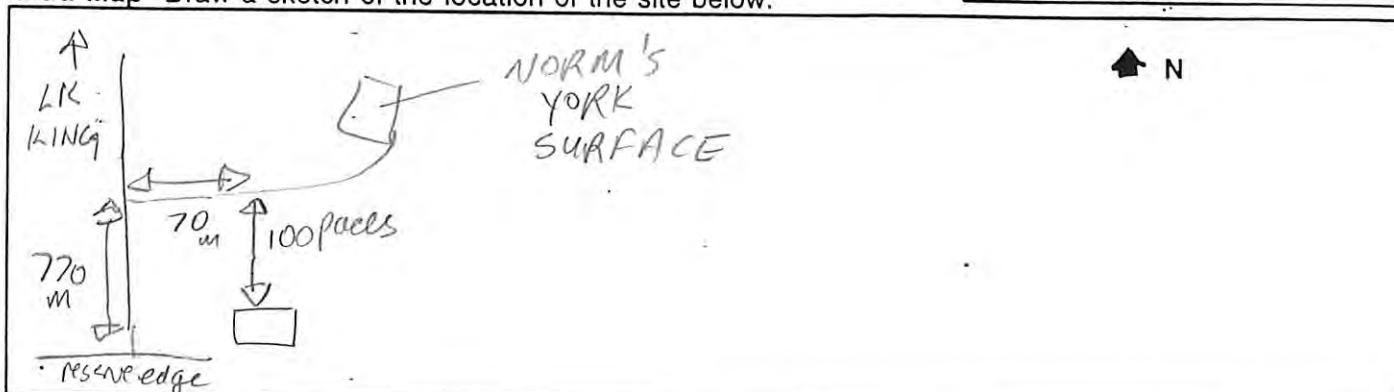
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA LK SITE NUMBER 24
 DATE TRIP 15/5/1999 RECORDERS NG/GK
 DATE TRIP 17-10-1999 RECORDERS AW/NG/GK
 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 64 Nedlands WA 6008.

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

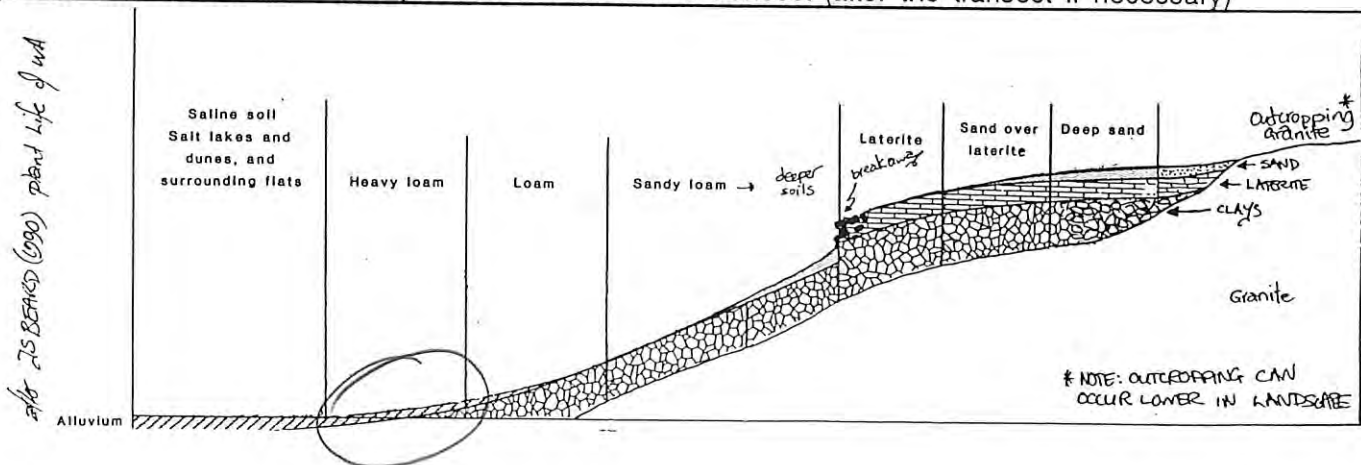


Road Location LAKE KING - RAV'S RD, PALLARUP ROCKS NR

Geographic Location Latitude 33 15 41.3 S Longitude 119 45 28.0 E Altitude 202
 Reference Map

Photograph Photographer's Name NG Photo No 34

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 gritty loam Colour brown
 Exposed rock type _____ % surface _____

Sub-surface Soil loam Colour _____
 Rock type _____ depth to rock _____

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

Litter 1/5 fungi % cover 30/50 Bare Ground 30/50 %cover _____
 Depth 2-5 cm

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- 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 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	2-10		2		
DOMINANT SPECIES	<i>Euc. occid</i>		<i>Alloc. hueg</i>		

SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)				2-10	2
DOMINANT SPECIES				<i>Olea axill</i>	<i>stackh.</i>

GRASSES		HERBS		SEDGES	
	over 0.5m		under 0.5m		
LIFE FORM					
COVER CLASS (%)	30/30	30/70		10/30	
DOMINANT SPECIES	<i>Stipa trichophyll</i> <i>Natrasche alba</i>	<i>Ptil. polyst</i> <i>Lom. affina</i>		<i>Lepidosperma</i>	

4. VEGETATION CONDITION

Comments

very good-excellent
some annual grassy weeds

20x20

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

Record on Sheet

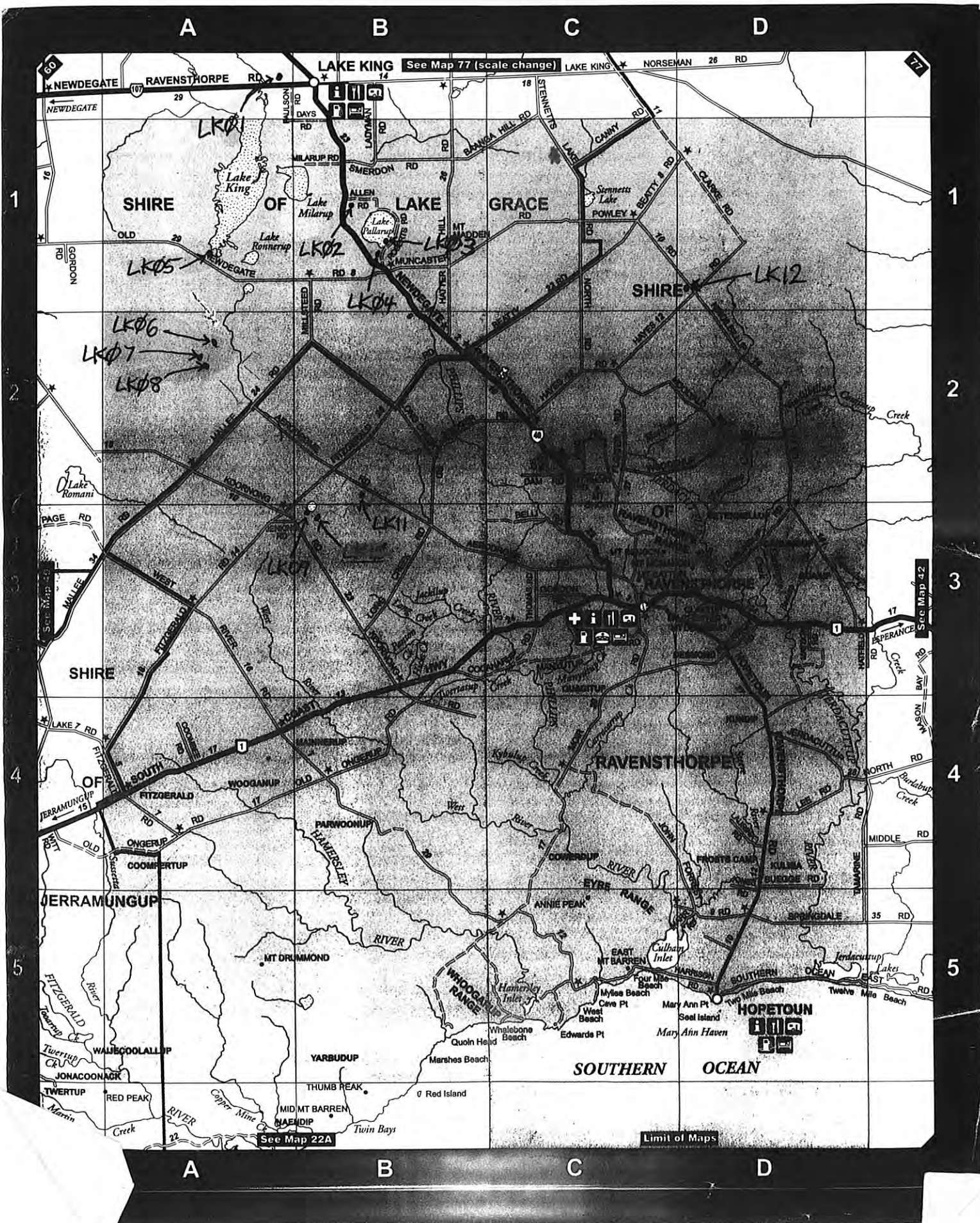
- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

17-10-1999

Same

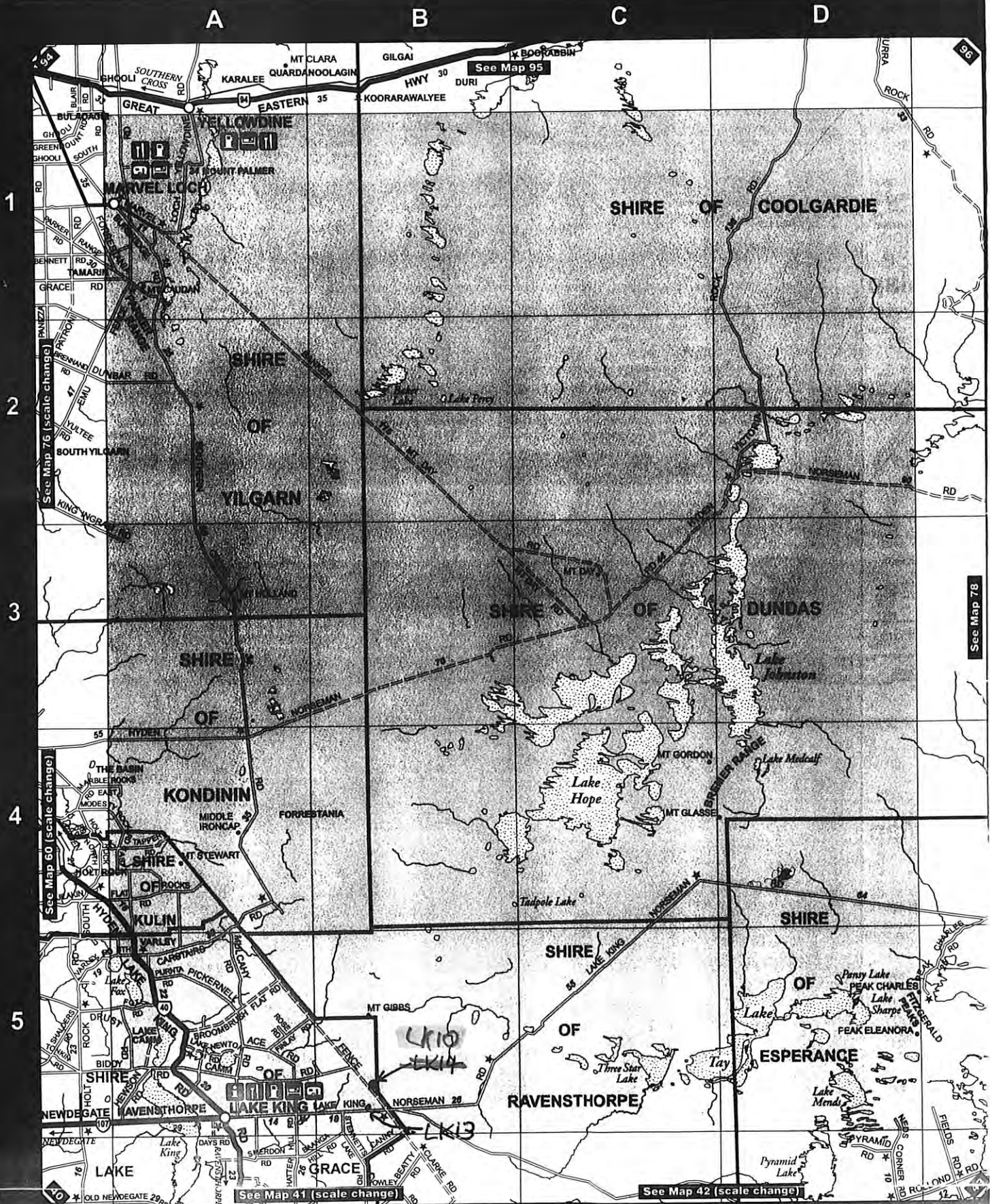
TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. occidentalis ✓								17-10-1999			
Alloca huegel ✓								X Danthonia			
								X Podolepis capillaris			
								X Vittadinia laust			
								X Anagallis arvensis			
								X Podothecca angustifolia (velbur) vsp			
MALLEES								X Hypochaeris glabra			
								X Aira caryophyll			
								X Podothecca glandulata			
				GRASSES				X Calandrinia calyptrocha			
				Neurachne alopec				X Walitza acumin var albicans (vsp)			
				Stipa trichophylla ✓	(vsp)			X Brachycome iberioidfolia (vsa)			
SHRUBS								X Pentastchistes girard			
Oleura axillaris								SEDGES			
Stackhouseia muricata (vsp)								X Thelymitra aff mderophyllatus (vsp)			
Podolepis capillaris								X Schoenus sp (fine) "CH24" (vsp)			
Bet.								X Stipa elegantissima			
				HERBS				X Podolepis Jerssonii			
				Lomandra elliptica				X Lobelia			
				Philotus polyst				X Carpobrotus modestus			
				Lomandra micrantha tref				X Rhagodia drumm			
				Philotus spathul				X Sonchus oleraceus			
				Ursinia lanthem				X Brachycome ciliaris			
								X Helidrysium leucopridum (vsp)			
								X Calandrinia granulifera			
								(ad) Freesia hybrid (vsp)			
								X Lepidosperma tenue			

A **B** **C** **D**



MAP 77

Scale 1 : 1 000 000
(1 cm = 10km)
For scale bar see page 14



LAKE KING SURVEY AREA

Aerodrome Rd Nature Reserve 43 k S of Lake King Town

** 160m in from rd (tagged) on

furrows

33 28 21
119 44 37

33° 28' 27.0"S
119° 44' 31.2"E

C29

Mallee Banksia
Proteaceae / Myrtaceae shrubland
Grey-cream sand over gravel

LK11

Aerodrome Rd NR

Aerodrome Rd

Q1

LK09

Claypan depression at interface
of C29+Q1 (Valley floor sandplain)

Paperbark LOW over
pigface + litter on cracking
clay c fringing later

33° 29' 16.5"S
119° 40' 09.7"E

LK15

Not sure if
well used

~~LK14~~

C29 cream sand

Euc. tetragyna mallee / Emergent
Banksia, Callitris, Dryandra shr
etc etc

33° 29' 59.1"S
119° 40' 41.6"E

LAKE KING SURVEY AREA

DUNN Rock N.R

30k SSW of Lake King Town

AMG

732130
6308676

6308676

LK07

Dunn
Rock

Dark Brown -
She is a girl

Sheep

Sedger + Borya

~~33° 20' 09.53"~~

119° 29' 38.7" E

Mallet Pualnat

Gl Payment

Get Pavement
Met over spain
Broom
leaf like

Calligraphy 115

Callitriche
Exocarpus 36.7 1E

Exo 1300

33 31 3

LKØ8

ns

✓

~~MAILED~~

Lake King
Lake King Survey Area
Dunn Rock NR
2.3 k SSW of Lake King Townsite

Salmon Gum Wood
Gully York - On surface
below granite rocks

$33^{\circ} 14' 48.7'' S$
 $119^{\circ} 33' 03.8'' E$

LK05

Commander
Rocks

1.9

3.1

0.2

5.0

dis
peg on
edge of rock

Dunn
Rock

Gravelly
G1 - Kaurung
Gravelly
Gravelly-cream sand over
pavement (laterite, shallow)
Dryandra, Casuarina, Pteropoda
etc etc shrubland to 2m.

$33^{\circ} 16' 38.8'' S$
 $119^{\circ} 29' 42.9'' E$

LK06

AMG - 732394
6315164

Lake King Survey Area

PALLARUP NR

17 km S of Lake King Town

MILLARUP RD

3.7

0.6

35

20

22

PALLARUP NR

Lake Pallarup

LK03

Sample

$33^{\circ}14'32.2''S$

$119^{\circ}45'43.8''E$

calcareous
brownish calcareous nodules or
near between layers

Lake Woodl

Exc up woodl 5

Melastoma to 2m+

Oleandra Eriocarpus

Leaf litter

$33^{\circ}12'13.3''S$

$119^{\circ}42'53.7''E$

LK02

York Loam
Brown Loam
Mallee/Sheep edge
 $33^{\circ}15'35.7''S$
 $119^{\circ}45'28.0''E$
MANCHESTER RD

LK04

MILLSTEED RD

0.7

2.3

0.1

0.1

LAKE KING SURVEY AREA

30 k E of Lake King

30
15
18
gate

high level
Cops Yellow sand sheet
33° 02' 31.1" S
119° 59' 28.2" E
Callitris
Grevillea
Protea
+ Myrtaceae
shrubland

C2c - C2b
Camosaic clayey slope c quarts
frag. Mallee to Sm / Melaleuca

33° 04' 54.0" S
119° 59' 52.7" E

VCL

LK13

1.8
17.20
12

Lake King - Narosung Rd
6.1 k

NR 28 k N of Ravensthorpe

UM141

LK10

N

Near gate - Ravensthorpe Rd

C2b Silcrete
loam on clay c quarts frag.
Mallee to Sm / Melaleuca sp
to 1.5 m

33° 17' 15.8" S
110° 06' 17.5" E

Amg

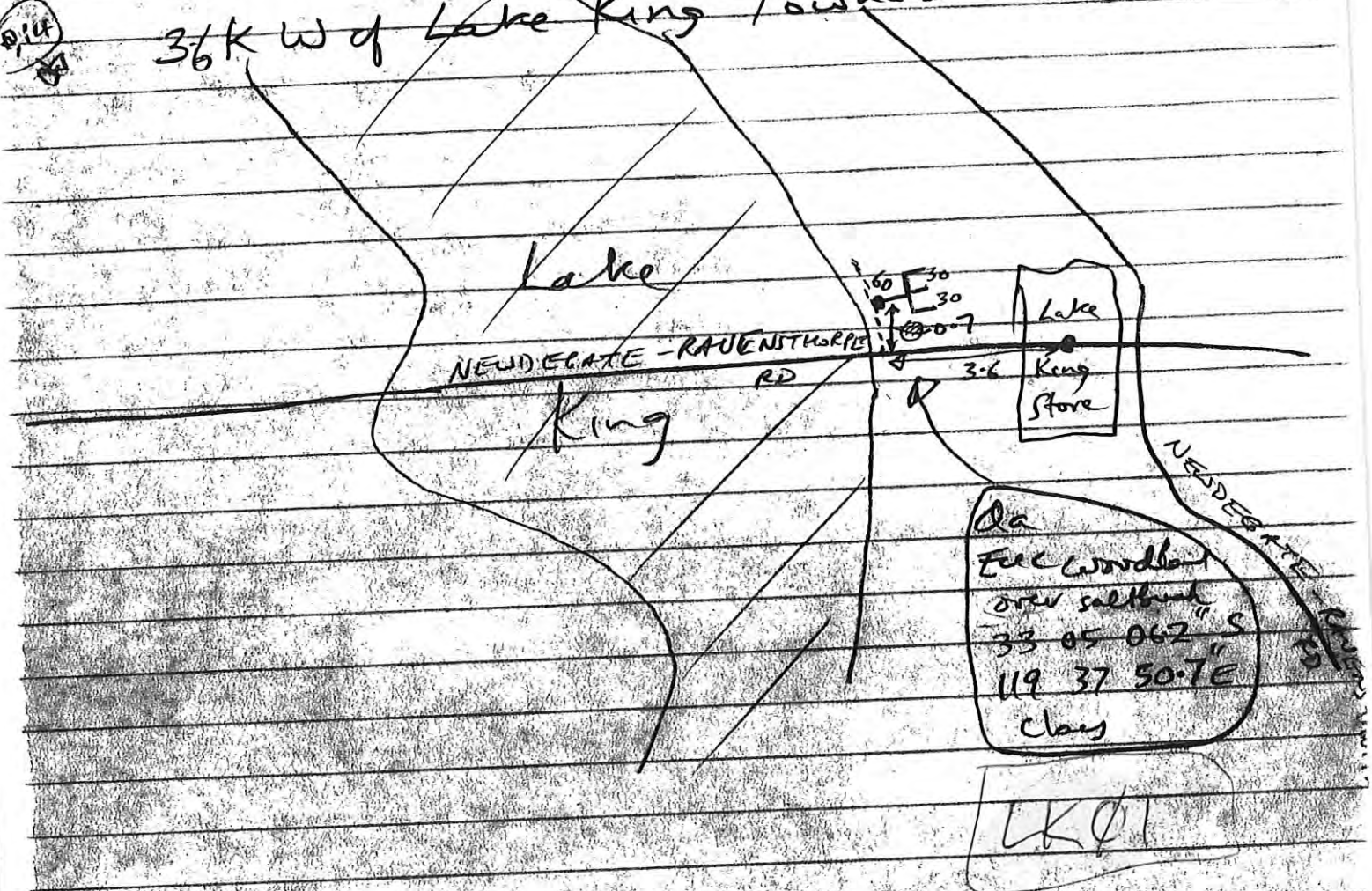
230382
6313062

LK12

LAKE KING SURVEY AREA

3/6 K W of Lake King Township

0.14



3.60

1.17

2.43