

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Grasspatch SITE NUMBER GP01
 DATE TRIP 13-10-2000 RECORDERS NG/KK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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



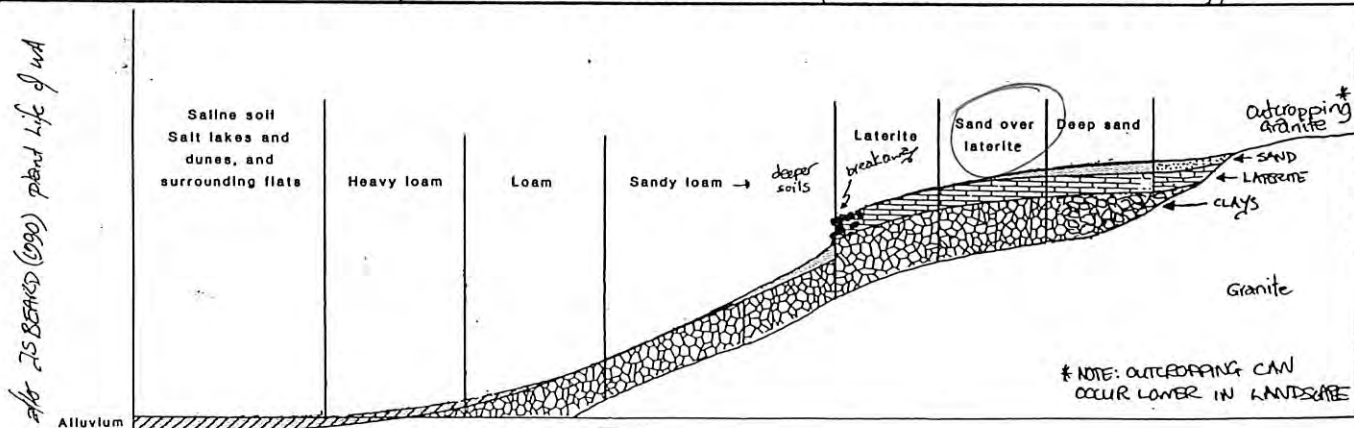
Road Location

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map _____

Photograph Photographer's Name NG Photo No 28

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 brown
 Exposed rock type _____ % surface _____

Sub-surface Soil lateritic sandy clay Colour _____
 Rock type _____ depth to rock >1m

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

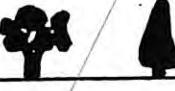
Litter lvs, twigs % cover 30/70 Bare Ground 30/50 %cover
 Depth 2-10 cm

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 (%)					10-30
DOMINANT SPECIES					<i>Euc. reedya</i> <i>Euc. tetragona</i>
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM			Mixed 		
COVER CLASS (%)	10-30		30-70		
DOMINANT SPECIES	<i>Banksia media</i>		<i>Beaufortia</i>		
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	<2		2-10	
DOMINANT SPECIES				<i>Gahnia</i>	

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No WGP 01

Date 13-10-2000

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 *uncinate*

Column 1 plant name *Euc. conglomerata*

Record on Sheet

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

Euc ~~2 angulosa~~ in cranch (200)
smith grey barh, 4m, malle }

20x20

name if required *Uncinaria*
"Euc. ~~conglobata~~ (as above)

11 ~~2. conglob (-11-) Karsell.~~

[illegible]

~~Adding = Mel. villosisepala (BJL det)~~

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Grass patch SITE NUMBER 02
 DATE TRIP 13-10-2000 RECORDERS ra/gk/aw/vm
 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.

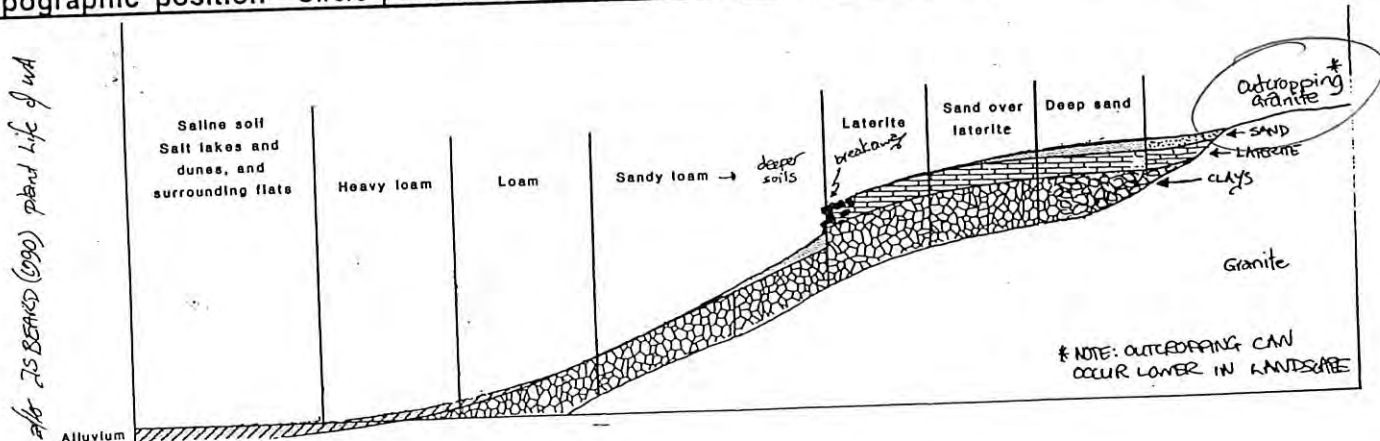


Road Location

Geographic Location Latitude 1 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	<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>granite</u>	Colour	
Rock	type	depth to rock	
Drainage	well mod <u>poor</u>	depth water	cm Wet all year winter/spring
Litter	<u>twigs, lvs</u> % cover <u>30/70</u>	Bare Ground	<u>50</u> %cover
Depth	<u>20</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						30m	10m
COVER CLASS (%)							
DOMINANT SPECIES							
SHRUBS					SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m		
LIFE FORM						2m	1m
COVER CLASS (%)	30-70				10-30		
DOMINANT SPECIES	Leptospermum M. l. uncin Acacia uncin				Dorwinia incon		
GRASSES		HERBS		SEDGES			
				over 0.5m	under 0.5m		
LIFE FORM						1m	
COVER CLASS (%)	<2	<2			30-70		
DOMINANT SPECIES					Lepidosperma		

4. VEGETATION CONDITION

Comments

excellent

70x20

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.)			
No	FI	ID		No	FI	ID		No	FI	ID	
/				/							
MALLEES				GRASSES							
				Sporobolus scirp							
SHRUBS								SEDGES			
Melaleuca uncin				rigens				Lepidosperma sp GP2 (VSP)			
Acacia uncin								Lahria drummondii			
Leptospermum fastigiatum (VSP)								Thelymitra sp k barclayi (VSP)			
Darwinia inconsp											
Calytrix brachyphylla											
Platysace effusa				HERBS							
Grevillea pinnatifida				Stylidium brevicaule							
Gastrolobium aff tetragonum				Goodenia scapigera ssp scapigera							
Eriostemon				parviflorum (VSP)							
Chamaelium ciliatum vsp				Glossyocharyon aureum var angustifolium (VSP) flw in cluster short							
Hybanthus floribundus				Androsace macrantha							
Allocas campestris				Thelymitra aff macrophylla							
Thryptomena aust				Borhya nitida							
Philotheca tetradactylus "short leaf form" (VSP)											
off gardneri											
(new 5/6)											

fine
positions
not
broken.

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Crasspatch SITE NUMBER 03
 DATE TRIP 13-10-2000 RECORDERS NG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

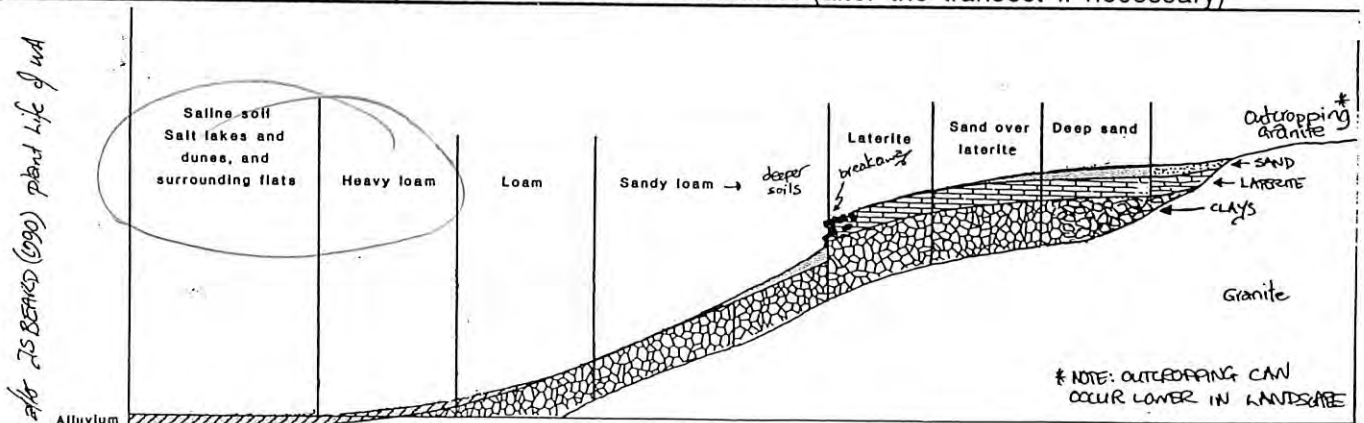
Photographer's Name

Ng

Photo No

29

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



2. SITE DATA Circle the correct response.

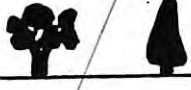
Slope	<u>flat</u>	gentle	steep	Aspect	N	NE	E	SE	S	SW	W	NW
Surface Soil	<u>sandy clay</u>				Colour	<u>grey</u>						
Exposed rock	type				% surface							
Sub-surface Soil	<u>calcrete nodular clay</u>				Colour							
Rock	type				depth to rock							
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet	all year		winter/spring			
Litter	<u>leaves, twigs</u>				% cover	<u>30/70</u>		Bare Ground	<u>30</u>		%cover	
	Depth <u>2-5</u>				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 (%)		2-10			10-30
DOMINANT SPECIES					
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30				2-10
DOMINANT SPECIES	Melaleuca				Microcybe pauc
GRASSES		HERBS	SEDGES	over 0.5m	
				under 0.5m	
LIFE FORM					
COVER CLASS (%)	22	22			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

Excellent

$$20 \times 70$$

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

Euc. eremophila
smthgrey bark, in strips
5m

TREES	
11	<i>Ficus vaukena</i>

MALLEES

MALLEES
EUC - grey tess bark, 3-4 mm
indurate

SHRUBS

Microcybe pauciflora

Melaleuca pauperriflora

Dodonaea stenozygia

Daviesia	Denticulimida

Acacia erinacea ✓

Acacia	~~Acacia~~
11	~~deficiens~~

11 merrallii

GRASSES

HERBS

diaphylloidea

HERBS (cont.)

SEDGES

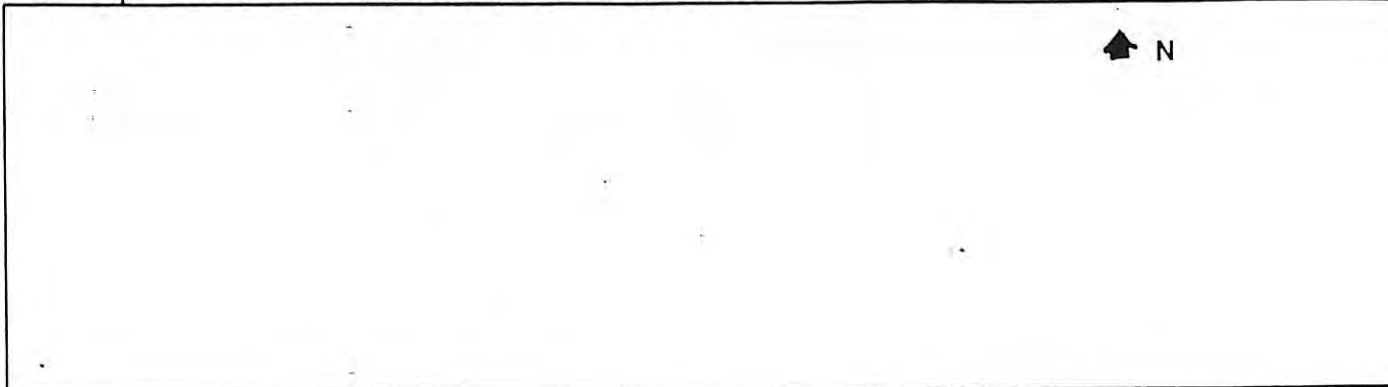
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP04
 DATE TRIP 13-10-2000 RECORDERS NG/GK/AN/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

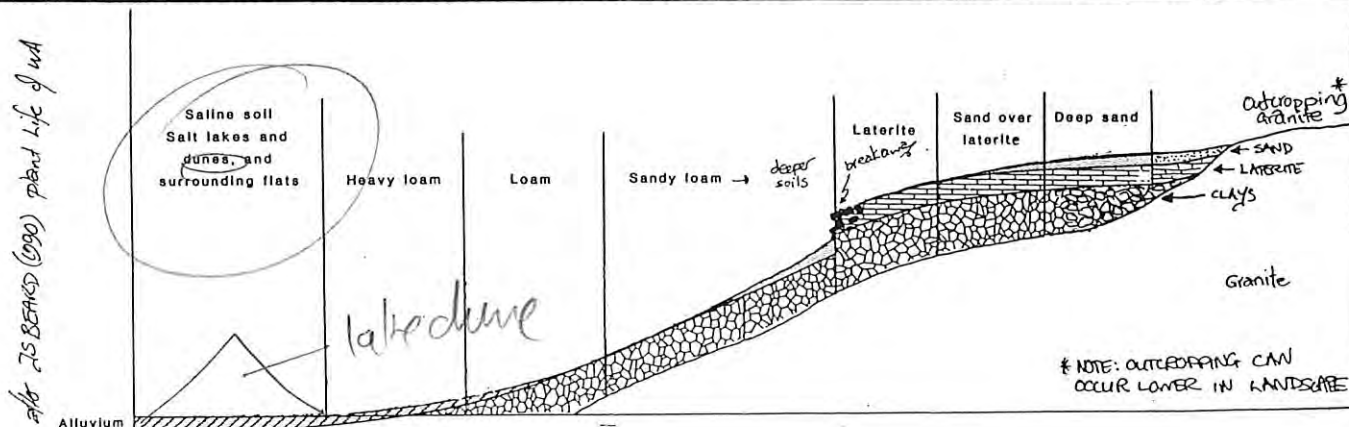


Road Location

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

Photograph _____ Photographer's Name NG Photo No 33

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



2. SITE DATA Circle the correct response.

Slope flat gentle steep Aspect N NE E SE S SW W NW
 Surface Soil sand Colour orange
 Exposed rock type _____ % surface _____
 Sub-surface Soil sand Colour orange
 Rock type _____ depth to rock >1
 Drainage well mod poor depth water cm Wet all year winter/spring
 Litter bars, lvs, twigs % cover >90 Bare Ground <10 %cover
 Depth 2-20 cm

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

2020

5. SPECIES PRESCENCE

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

SITE No GP 04
Date 13-10-2000

Record on Sheet

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Euc. transcont</i>											
all slender Mallies, smth grey bark, shed in long strips											
MALLEES											
<i>Euc. conglobata</i>											
<i>Euc. dissumulata</i>				GRASSES							
SHRUBS											
<i>Melaleuca uncinata</i>								SEDGES			
<i>Grevillea olig/paucif</i>								<i>Lepidosperma heterophyllum</i>			
<i>Santalum murrayanum</i>								<i>drummondii</i> (VSP)			
<i>Acacia murrayanum</i>											
<i>Stenanthemum sparganium murrayanum</i>				<i>Sap murrayanum</i> (VSP)							
<i>Trymatium myrtillus angustifolius</i> (VSP)				HERBS							
<i>Olearia muelleri</i>											
<i>Boronia inornata</i>											
<i>Grevillea pectinata</i>											
<i>Hibbertia aff. gracilis</i>											
<i>Westringia rigida</i>											
<i>Dodonaea bursarii</i> (VSP)											
<i>Beyeria brevifolia</i>											
<i>Platysace effusa</i>											
<i>Sparganium cordatum</i>				<i>Pseudocereus strobiliferus</i>							
<i>Boronia inornata</i>											

2 cap ita spargite
(big rounded fruit)

fabroides
sp fabroides (large leaf variant) (VSP)

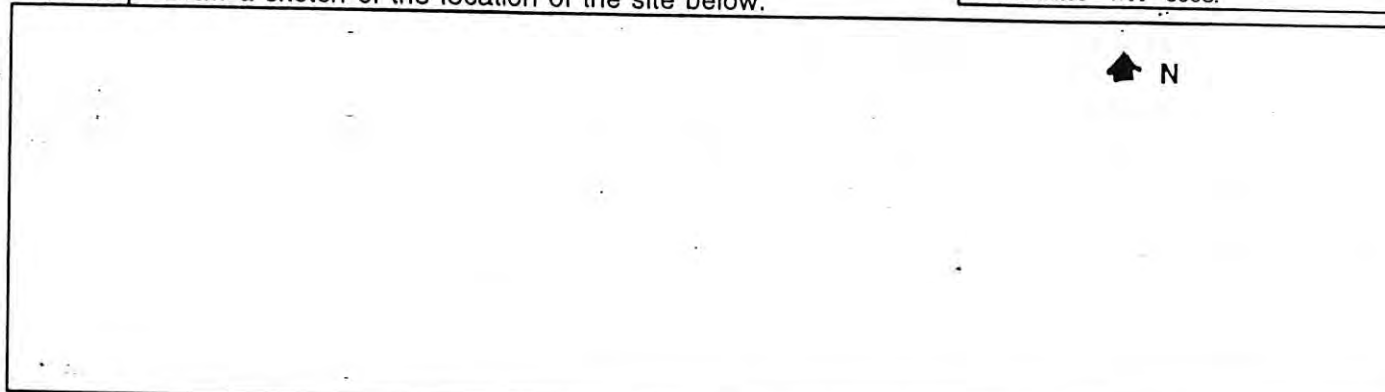
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Grasspatch SITE NUMBER GP05
 DATE TRIP 13-10-2006 RECORDERS NG/GK/AW/W/M
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

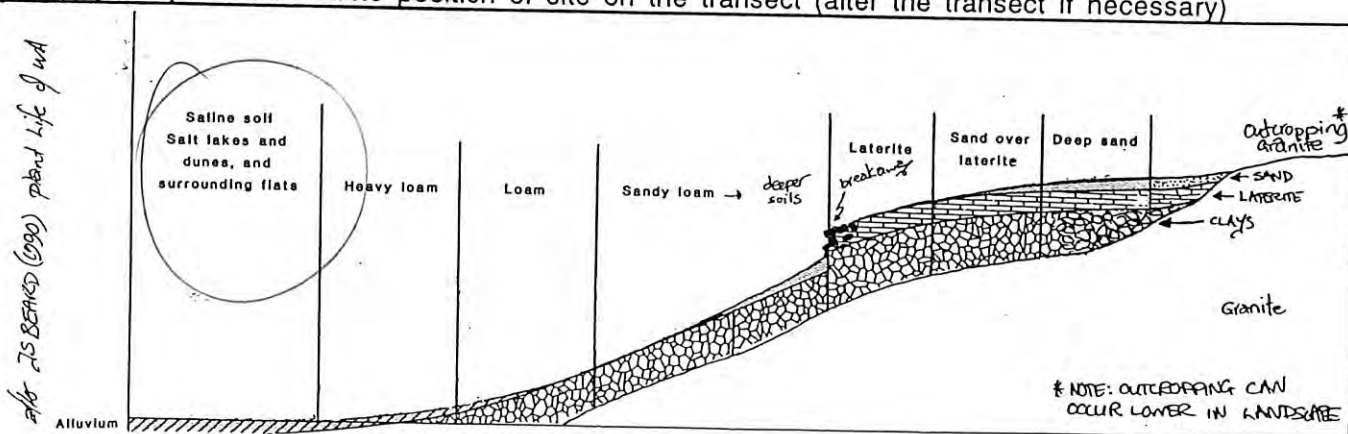


Road Location

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

Photograph Photographer's Name NG Photo No 30

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



2. SITE DATA Circle the correct response.

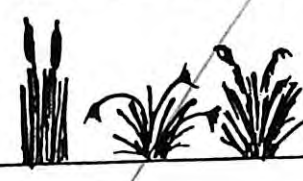
Slope	<u>flat</u> gentle steep	Aspect	N NE E SE S SW W NW
Surface Soil	type <u>gypsophilous sand</u>	Colour	<u>grey</u>
Exposed rock	type _____ % surface _____		
Sub-surface Soil	type <u>gypsophilous clay</u>	Colour	_____
Rock	type _____ depth to rock <u>>1m</u>		
Drainage	well mod <u>poor</u> depth water _____ cm	<u>Wet</u> all year <u>winter/spring</u>	
Litter	<u>twigs</u> % cover <u>0/10</u>	Bare Ground	<u>50</u> %cover
	Depth <u>2m</u> 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 (%)					
DOMINANT SPECIES					
				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					30-70
DOMINANT SPECIES					Frankenia Halosarcia indica " halocn
	GRASSES		HERBS	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			L2		
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

name if required

5. SPECIES PRESCENCE

SITE No GP 05

Date 13-10-2000

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

same

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP 06
 DATE TRIP 13-10-2000 RECORDERS NG/GK/AW/WM
 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.

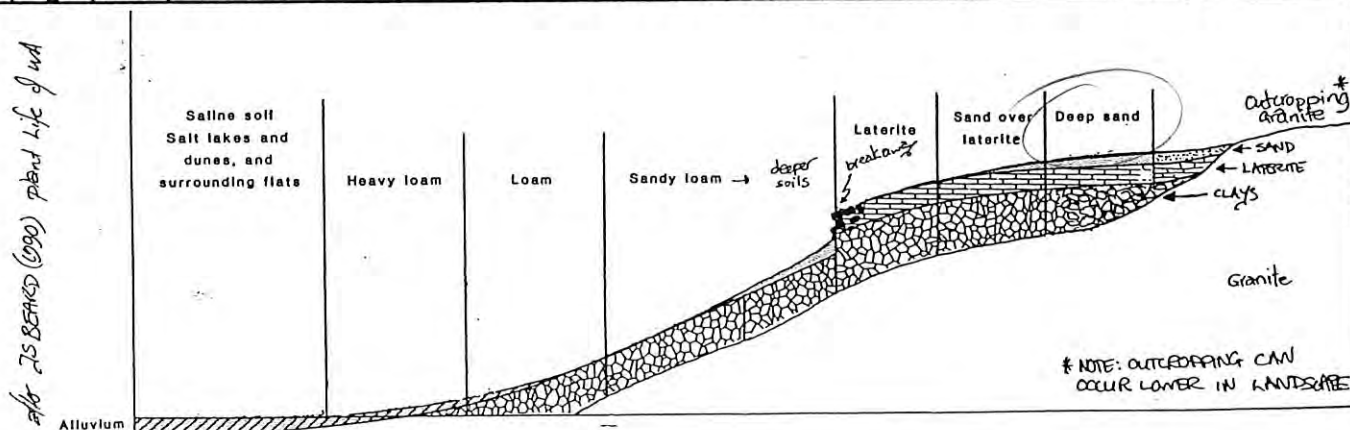


Road Location

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

Photograph Photographer's Name NG Photo No _____

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



2. SITE DATA Circle the correct response.

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

Surface Soil sand **Colour** brown
Exposed rock type _____ % surface _____

Sub-surface Soil sand **Colour** cream
Rock type _____ depth to rock > 1 m

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

Litter lvs, twigs % cover 30/70 **Bare Ground** 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					
over 15m		5-15m		under 5m	
LIFE FORM				MALLEES	
				over 8m	under 8m
					30m
					10m
COVER CLASS (%)					2-10
DOMINANT SPECIES					<i>Euc. tetragona</i>
					<i>Euc.</i>
SHRUBS					
over 2m		2m - 1.5m		1-0.5m	
LIFE FORM				SHRUBS	
				1-0.5m	under 0.5m
					2m
					1m
COVER CLASS (%)	2-10			10-30	
DOMINANT SPECIES	<i>Callitris verruc</i>			<i>Beaufortia</i>	
GRASSES		HERBS		SEDGES	
over 0.5m		over 0.5m		under 0.5m	
LIFE FORM					
				1m	
COVER CLASS (%)				2-10	
DOMINANT SPECIES				<i>Lepidosperma</i>	

4. VEGETATION CONDITION

Comments

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 GP 06
 Date 13-10-2000

Record on Sheet

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

M

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				~~Allocasuarina camp~~				~~lepto~~			
				~~Dillwynia = Vincetoxicum punctata~~							
				~~Synaphaea media~~				~~Allocasuarina microst~~			
				~~Cassipoua pubescens~~				~~Calytrix decandra~~			
				~~Cassipoua II clabell~~							
				~~Hebertia graciliceps~~							
				~~Leptospermum inelodens~~							
				~~Halkea erecta cygna~~							
MALLEES				GRASSES							
~~Euc. tetragona~~				~~Amphipogon turbin~~							
~~" II (Secunda) uncinata~~				~~Neurachne alopec~~							
~~" angulosa incrostata~~				~~Pultenaea aff. aslunca~~				SEDGES			
SHRUBS								~~Lepidosperma sp A2 Flat Island~~			
~~Acacia acumin (thin) rigens~~								~~Mesomelaena stygia~~			
~~Callitris verrucosa~~								~~Schoenus subflavus~~			
~~Phymatocarpus maxwellii~~								~~Desmodium guiricemus~~			
~~Jacksonia~~								~~Harperia laterifl~~			
~~Daviesia lanceifolia~~				HERBS				~~Schoenus brevisetis~~			
~~Allocasuarina~~				~~Lomandra mucronata~~							
~~Melaleuca fulicaria "st. conifera"~~				~~Anigoz rufus~~							
~~Baerkea preissiana~~											
~~Calytrix leschenaultii~~											
~~Calothamnus~~											
~~Verticordia grandis~~				~~Stylidium sp~~							
~~Verticordia procifera~~											
~~Itemigema feret~~											
~~Grewia aneura~~											
~~Latrobea~~											
~~Leucopogon aff. conost small leaf variety~~											
~~" II sp CONNIE HILL~~											

- Acacia bidentata

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA grass patch SITE NUMBER 9P07
 DATE TRIP 13-10-2000 RECORDERS Ng/gk/aw/wm
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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



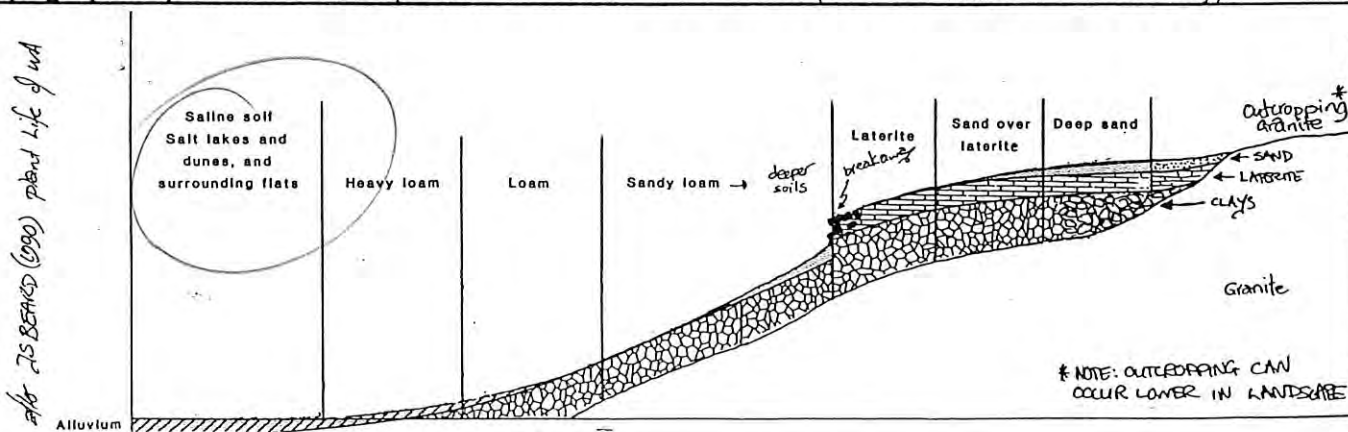
Road Location

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map _____

Photograph Photographer's Name Ng Photo No 36

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				depth to rock							
Drainage	well	<u>mod</u>	poor	depth water	cm	<u>Wet</u>	all year	<u>winter/spring</u>				
Litter	twigs, lvs		% cover	30	70	Bare Ground	50		%cover			
Depth	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					
	over 15m	5 - 15 m	under 5 m	MALLEES over 8m	under 8m
LIFE FORM					 30m 10m
COVER CLASS (%)					10-30
DOMINANT SPECIES					Euc. eremoph
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	SHRUBS under 0.5m
LIFE FORM					 2m 1m
COVER CLASS (%)	2-10			30-70	10-30
DOMINANT SPECIES	Mpl. pauper			Acacia	Disphyma clav Halimolobos
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM				 1m	
COVER CLASS (%)					
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

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

TREES				No	FI	ID	SHRUBS (cont.)				No	FI	ID	HERBS (cont.)				No	FI	ID
~~<i>Sagguandis</i> ssp. <i>sagguandis</i>~~							duplicate check/voucher believe in cover.													
MALLEES														In same group split off see label						
<i>Euc. stemophita</i> (<i>arenophila</i>)							seen voucher with fruit + buds = <i>sagguandis</i> ssp. <i>sagguandis</i> .													
~~<i>Eucalyptus</i>~~							GRASSES													
							<i>Austrostipa elegant</i>													
SHRUBS																				
<i>Halosarcia indica lepidostachma</i>																				
<i>Melaleuca thuyoides</i>														SEDGES						
<i>Disphyma clavell</i>																				
<i>Melaleuca acuminata</i>																				
<i>Acacia ancistrophylla</i> (VSP)							HERBS													

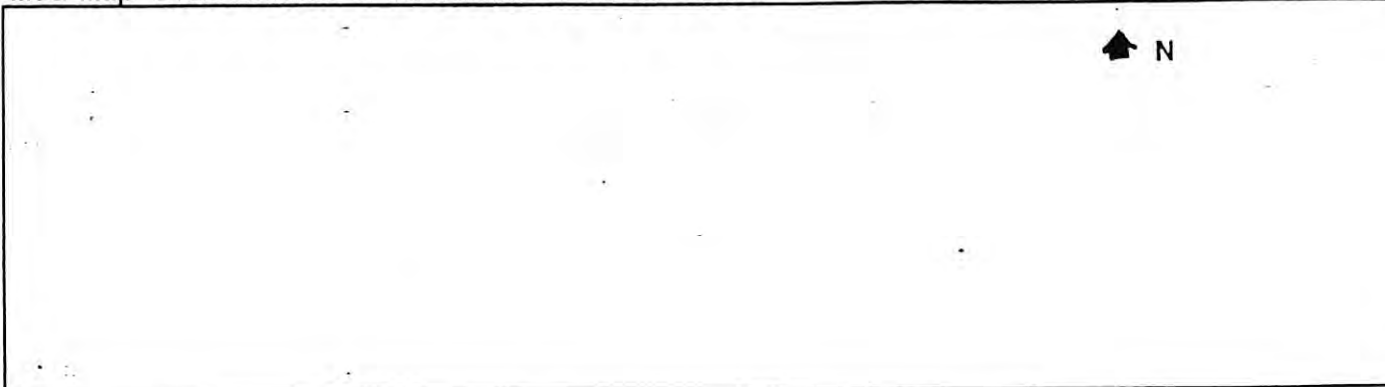
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Grass patch SITE NUMBER GP08
 DATE TRIP 12-10-2000 RECORDERS Ng/gk/AW/WM
 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.

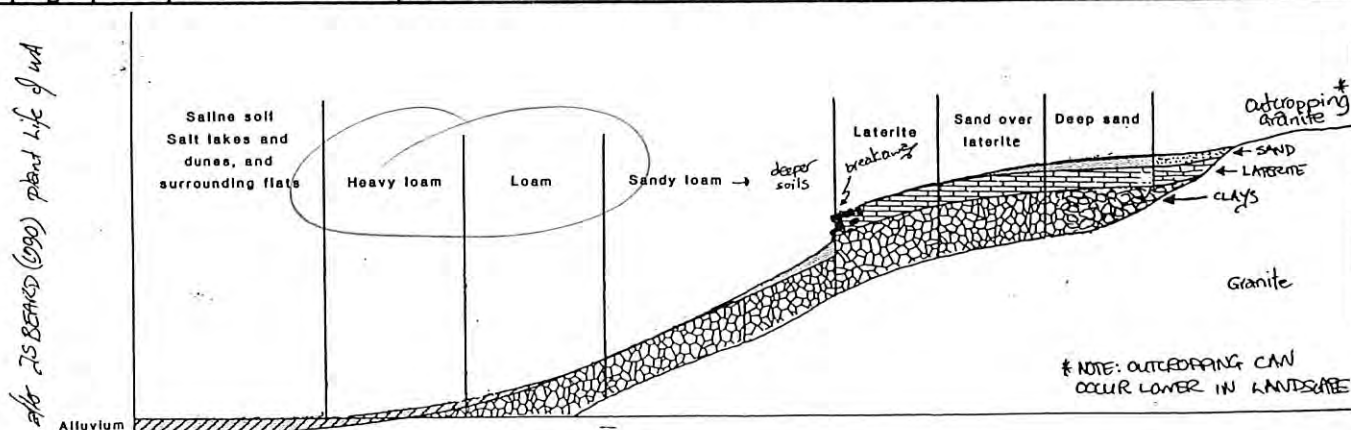


Road Location

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

3. VEGETATION STRUCTURE AND COVER

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

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20 x 20

5. SPECIES PRESCENCE

SITE No GP 78
Date 12-10-2000

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

Euc. "redunca" (also)
M, Sm, prg lvs → tumida in

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
~~(mallee) Euc. redunca (in) tumida~~				~~Euc. leptocalyx~~							
~~Euc. V (sp)~~											
MALLEES											
~~Euc. I (Sonestica)~~				GRASSES							
~~Euc. II (eremophila)~~				~~Neurachne alopec~~							
~~Euc. III (Kessellii) (sp)~~											
~~Uncinata V (secunda)~~											
SHRUBS											
~~Astatia sp. ambigua~~				~~(tuberculate form) (usr)~~							
~~Melaleuca I ? subfalcata~~											
~~Boronia albi flora~~											
~~Melaleuca II densa~~											
~~" glaberrima~~				~~Dilgaria incana~~				~~Pultanea newocaly~~			
~~" undulata~~											
~~" V societalis~~				HERBS							
~~Hibbertia I graciliflora~~				~~Velleia trinervis~~							
~~" II glauciflora~~				~~Gneitoplesium nigrum~~							
~~Microcybe pauciflora~~				~~Pterostylis vittata sp. st. le.~~							
~~Grevillea pauciflora~~				~~" off. pub. nana~~							
~~sp. 1 - "olig. andra group"~~				~~stylidium assimile (usr)~~							
~~Leucopogon~~				~~Thysanotus sp~~							
~~Billardiera (bicolor) (st. le.)~~											
~~Scaevola myrtifolia~~											
~~Spigelia unguiculata sp. unguiculata (usr)~~											

only coll of this form.

SEDGES

~~Lepidosperma sp A2 Island Fl.~~ (usr)

~~Alphina ? lanigera amictophylla~~ (usr)

~~Schoenus subfusculus~~ (usr)

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Grasspatch SITE NUMBER GP 09
 DATE TRIP 12-10-2000 RECORDERS NG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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



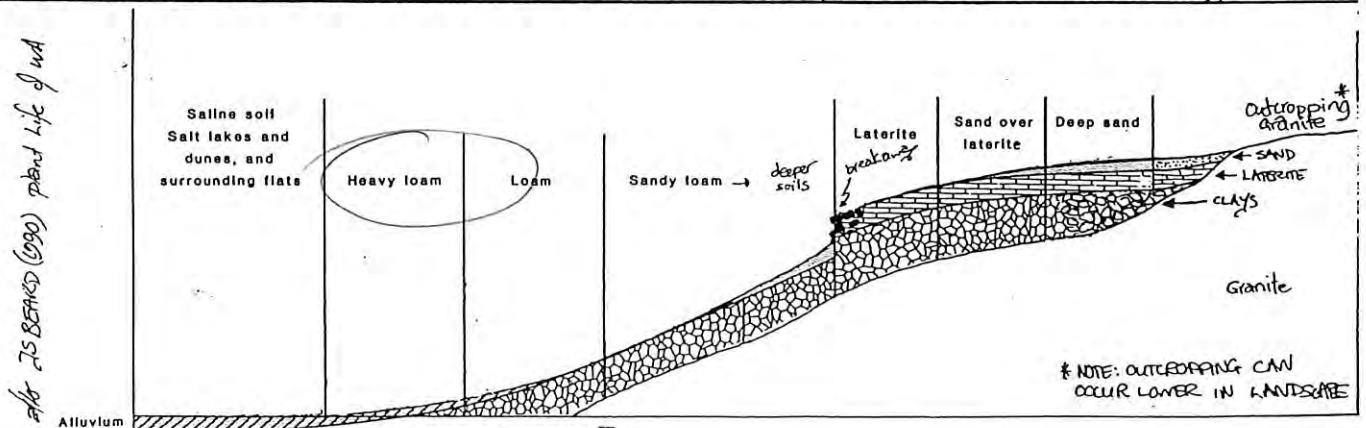
Road Location

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map _____

Photograph Photographer's Name NG Photo No 20

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



2. SITE DATA Circle the correct response.

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

Surface Soil sand **Colour** cream
Exposed rock type _____ % surface _____

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

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

Litter bark, twigs, lvs % cover 30/70 **Bare Ground** 50/50 %cover
 Depth 2-20 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			MALLEES		
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM			 		
COVER CLASS (%)					10-30
DOMINANT SPECIES					Eucalypt spp.
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM	 				
COVER CLASS (%)	10-30				2-10
DOMINANT SPECIES	Melaleuca				Grevillea pectinata Daviesia benthamii
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM	 	 	 	 	
COVER CLASS (%)	2	4			
DOMINANT SPECIES	Austrodanthonia				

4. VEGETATION CONDITION

Comments

excellent

GP 09

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20720

5. SPECIES PRESENCE

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

SITE No GP 09
Date 12-10-2000

Record on Sheet

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

Euc. ? ^{spath} ~~trans~~
(+resellated bark)

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
// Euc. Kessellii (vsp)											
// " uncinata I (fecunda - smooth grey bark)											
// " II (trans big buds) indurata (vsp)											
// Euc. conglomerata											
MALLEES											
				GRASSES							
				Austrodanthonia							
				" stipa / trichophylla							
				" hemiphaea (vsp)							
SHRUBS								SEDGES			
Grevillea pectinata								Myahnia lanigera (vsp)			
Exocarpus aphyll											
Acacia glaucissima											
Hibbertia sp aff gracilipes (vsp)											
Daviesia benthamii sp acanthoclona (vsp)											
				HERBS							
Metaleuca cuculata				Pterostylis							
Acacia "bidentata"				Millotila tenuif							
				Gnaphalium cyanoc							
				Hypochaeris glabra							
				Thysanotus							
				Thelymitra paucifl							

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Grasspatch SITE NUMBER GP10
 DATE TRIP 12-10-2000 RECORDERS NG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

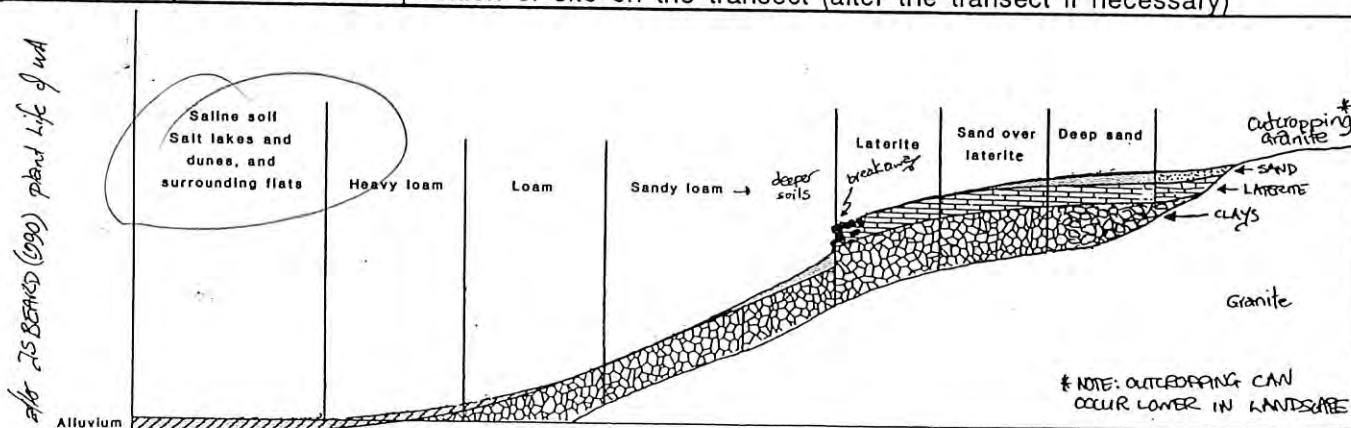
Photograph

Photographer's Name

NG

Photo No 21

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>grey</u>
Exposed rock	type	% surface	
Sub-surface Soil	<u>clay</u>	Colour	<u>grey</u>
Rock	type	depth to rock	
Drainage	well mod <u>poor</u>	depth water	cm <u>Wet</u> all year <u>winter/spring</u>
Litter	<u>lvs, twigs, bark</u>	% cover	<u>30/70</u>
Depth	<u>2-10</u> cm	Bare Ground	<u>30</u> %cover

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 (%)					10-30
DOMINANT SPECIES					Euc. cong " forest

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			30-70		
DOMINANT SPECIES			mixed Melal. Astartea		

GRASSES		HERBS	SEDGES	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	L2	L2			2-10
DOMINANT SPECIES					gahnia -

4. VEGETATION CONDITION

Comments

excellent

20 x 20

SITE No CP 10
Date 12-10-2000

- 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 Grasspatch SITE NUMBER GP 11
 DATE TRIP 12-10-2000 RECORDERS NG/KK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

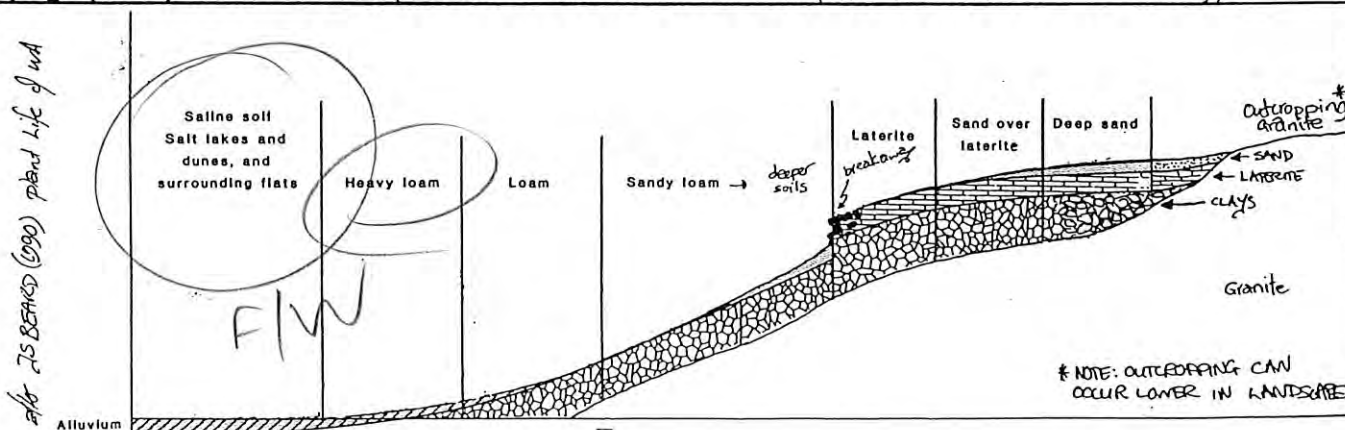


Road Location

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

Photograph Photographer's Name NG Photo No 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 sand **Colour** _____
Exposed rock type _____ % surface _____

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

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

Litter VS twigs % cover 70-90 **Bare Ground** 10/30 % 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 (%)	10-30								
DOMINANT SPECIES	Euc. occid								
SHRUBS						SHRUBS			
over 2m		2m - 1.5m		1.5 - 1m		1-0.5m		under 0.5m	
LIFE FORM						2m		1m	
COVER CLASS (%)		30-70							
DOMINANT SPECIES		Mel. uncin							
GRASSES		HERBS		SEDGES		over 0.5m		under 0.5m	
LIFE FORM					1m				
COVER CLASS (%)	<2		2-10						
DOMINANT SPECIES									

4. VEGETATION CONDITION

Comments

excellent

20×20

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

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	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.) No FI ID
Euc. occid ✓								
MALLEES				GRASSES <i>Cortaderia rigida</i> ✓				
SHRUBS Melaleuca uncinata / prostrata "St. eucalyptus" off Thapsia				HERBS Persicaria prostrata ✓ Isotria medeoloides ✓ Centipedia cunninghamii ✓ = Thlaspi sp.				SEDGES

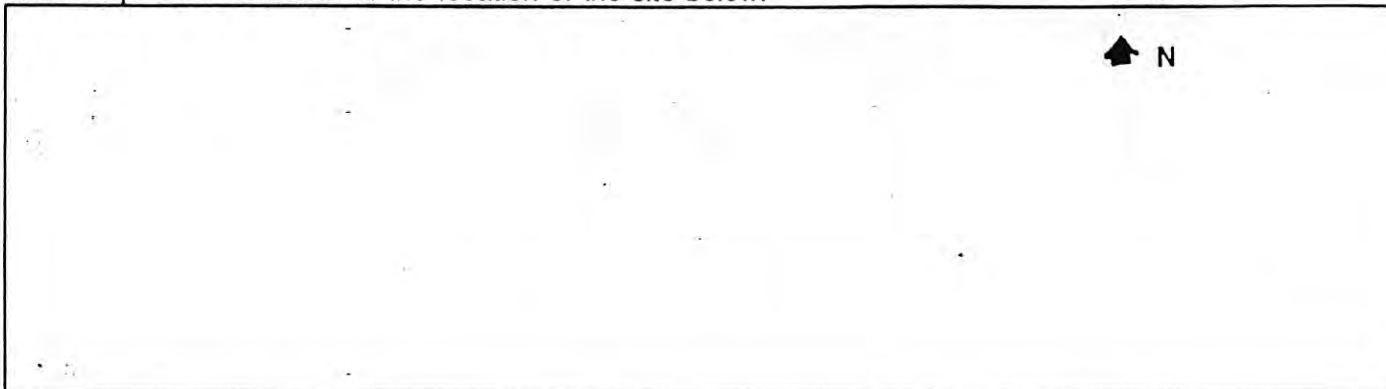
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Grass patch SITE NUMBER GP12
 DATE TRIP 12-10-2000 RECORDERS NA/AK/AW/wm
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

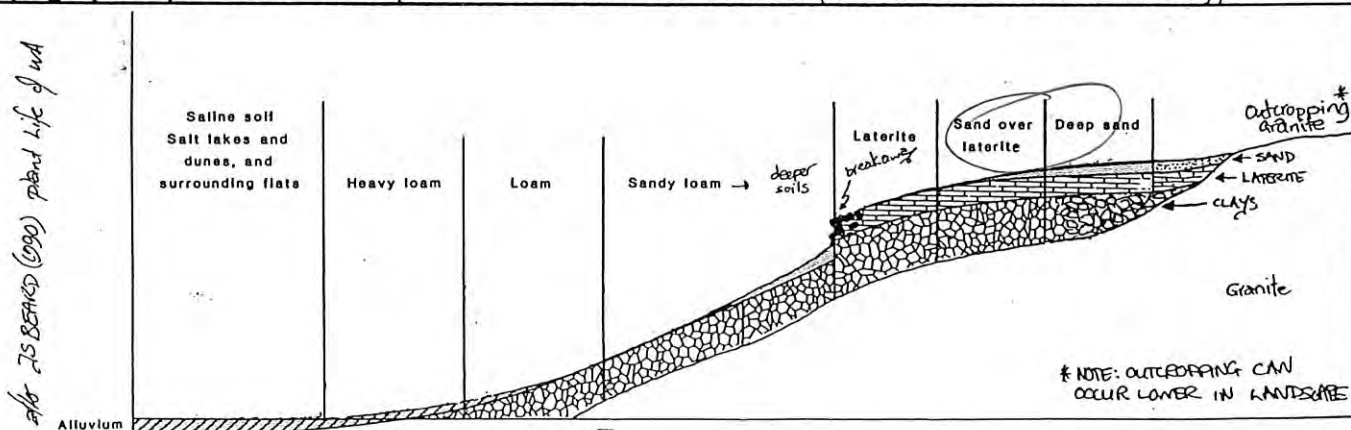


Road Location

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

Photograph Photographer's Name NA 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 flat gentle steep **Aspect** N NE E SE S SW W NW

Surface Soil sand **Colour** cream
Exposed rock type _____ % surface _____

Sub-surface Soil clay (820cm) **Colour** cream
Rock type _____ depth to rock _____

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

Litter 10% twigs % cover 30/70 **Bare Ground** 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.

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 (%)					30m
DOMINANT SPECIES					10m
					2-10
					EUC.
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2				2m
DOMINANT SPECIES	Banksia media				1m
					>70
					Myl. uncin
					" mixed
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	L2	L2			1m
DOMINANT SPECIES					L2
					-
					-
					-

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20 X 20

5. SPECIES PRESCENCE

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

SITE No GP12

Record on Sheet

Date 12-10-2000

- 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.)

No FI ID

~~Grevillea paucifolia~~
~~Hibbertia gracilliceps~~

~~oligantha~~
~~variant~~

MALLEES

~~Eucalyptus varia~~ grey bark

(small fruits) = banana

Voulet needs correct name

GRASSES

~~Heteropogon~~ (VSR)
~~subgrandis subgrandis~~

SHRUBS

~~Melaleuca uncinata~~ hamata

~~Melaleuca tuberculata~~ "St. Clair Farm"

~~Melaleuca subfalcata~~

~~Melaleuca undulata~~

~~Melaleuca sericea~~

~~Melaleuca rigidifolia~~

~~Melaleuca~~

HERBS

~~Grevillea pectinata~~ (VSR)

~~Banksia media~~

~~Templetonia salcata~~

~~Asteria ambigua~~ (glab)

~~Conospermum spinosum~~

~~Hakea laurina~~

~~Calothamnus gibbosus~~ (VSR)

~~Acacia / Daviesia~~

~~Gompholobium confertum~~

~~Gompholobium~~

~~Asteria~~ Baeleia latens

~~Phoradendron Microcybe pauciflora~~

~~Pultanea verrucosa pilosa~~

~~lanceifolia~~

SEDGES

~~ancistrophylla~~

~~Jahnna lanigera~~

~~Lepidosperma viscid~~

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Grasspatch SITE NUMBER GP13
 DATE TRIP 13-10-2000 RECORDERS NG/GK/WM/AW
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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



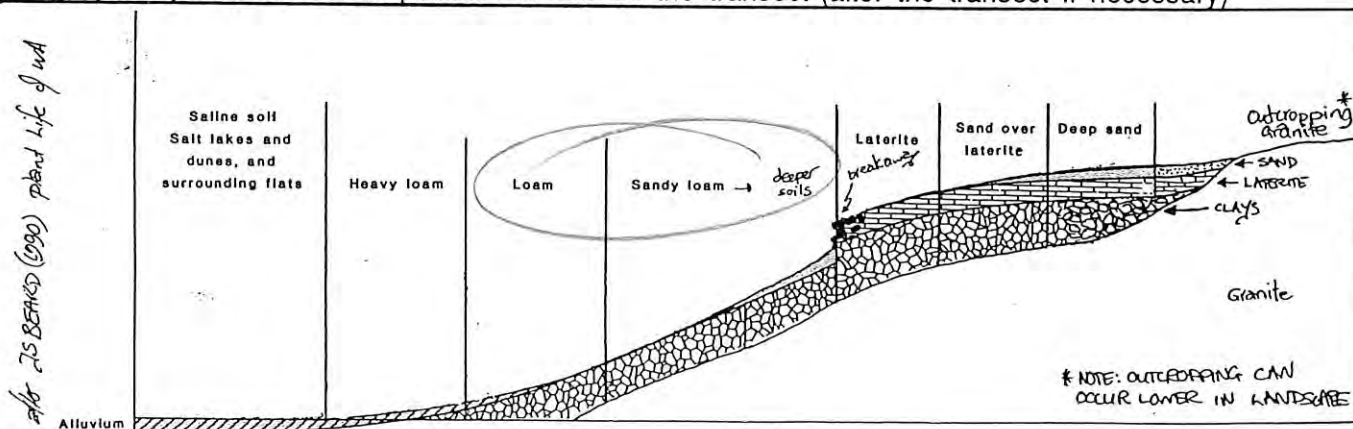
Road Location

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map _____

Photograph Photographer's Name NG Photo No _____

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 brown
 Exposed rock type _____ % surface _____

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

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

Litter 1/2 twigs % cover 70/90 Bare Ground 10 %cover
 Depth 0-5 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					<i>Euc. tetragon</i>

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		10-30			30-70
DOMINANT SPECIES		<i>Dry. armata</i> <i>Hakea corymb</i>			<i>Alloc. hum</i> <i>Agonis obtus</i>

GRASSES		HERBS		SEDGES	
	over 0.5m			over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	22	22			30-70
DOMINANT SPECIES					<i>Caustis diorca</i> <i>Mesomel. styg</i>

4. VEGETATION CONDITION

Comments

excellent

20726

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]

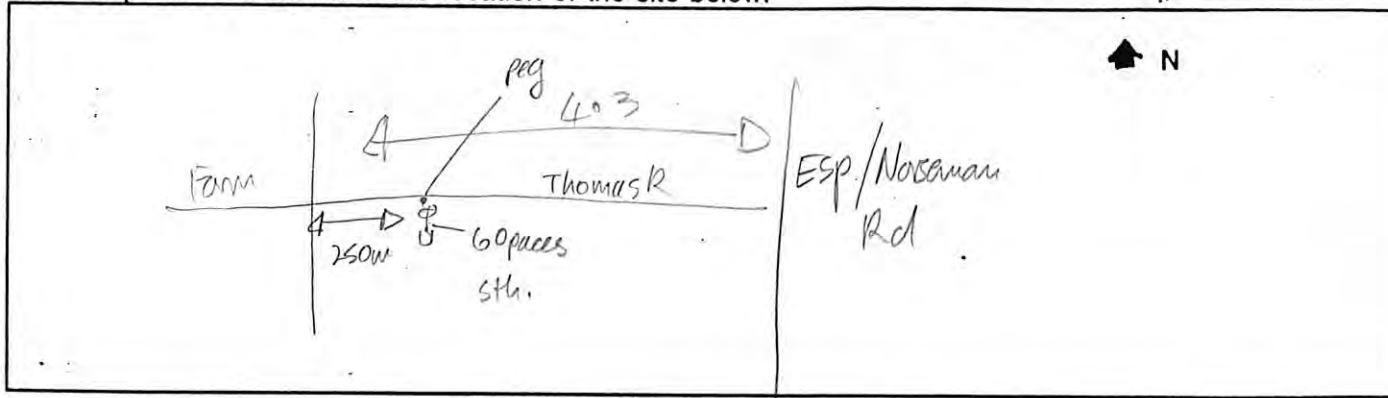
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASS PATCH SITE NUMBER GP 14
 DATE TRIP 12/10/2000 RECORDERS NG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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



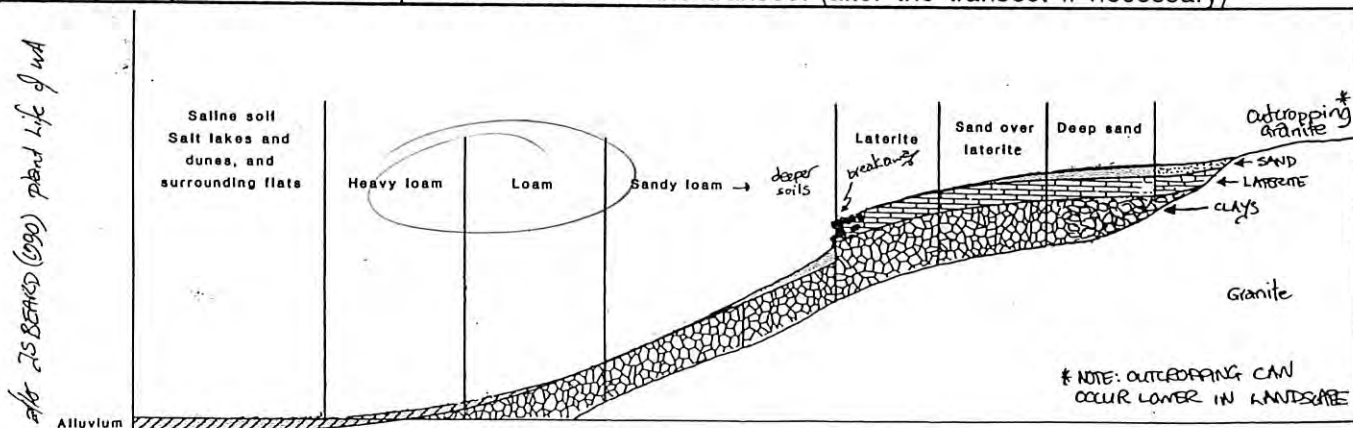
Road Location

Geographic Location Latitude 33 23.35.6 S Longitude 121 39 02.4 E Altitude 2.4

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

Surface Soil sand Colour cream
 Exposed rock type % surface

Sub-surface Soil sand clay Colour cream
 Rock type depth to rock > 1

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

Litter vs, twigs % cover 70/90 Bare Ground 10/30 % cover
 Depth 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 (%)				10-30	
DOMINANT SPECIES				Euc. ? wandoo	
				Euc.	

	SHRUBS			SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			2-10		
DOMINANT SPECIES			Dodon. dwarf		
			Baerkea		

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	2-10			
DOMINANT SPECIES	Stipa	Waltz acum			
	Agrostoidanth				

4. VEGETATION CONDITION

Comments

excellent

~~20720~~

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil

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

Handwritten notes: Euc. leafy, well covered

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. leftocly, Ust
 grey case narrowed to 3m
 smth grey above, grey lvs, malleo
 RPS (cont)

No	FI	ID
----	----	----

 8m

[illegible]

I think

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA Grass patch SITE NUMBER GP15
 DATE TRIP 13-10-2000 RECORDERS NG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

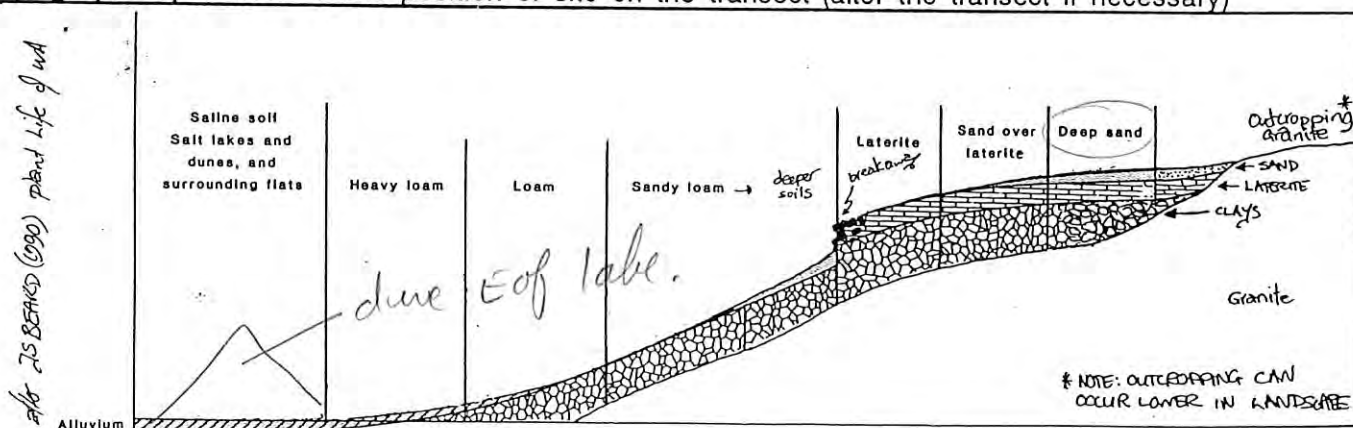


Road Location

Geographic Location Latitude 33 09 46.2 S Longitude 120 58 12.7 E Altitude 2.2
 Reference Map _____

Photograph Photographer's Name NG Photo No 31

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	<u>E</u>	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	<u>brown</u>				
Rock	type						depth to rock					
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet	all year	winter/spring				
Litter	<u>lvs, twigs, bark</u>		% cover	<u>30/70</u>		Bare Ground	<u>50</u>	% cover				
	Depth <u>2-20</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 (%)				10-30	
DOMINANT SPECIES				<i>Euc. pileata</i>	

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30				2
DOMINANT SPECIES	<i>Mel. I</i> <i>Mel. II</i>				<i>Rhagodia</i>

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

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
MALLEES				[not a tree]							
Eucalyptus polita (smth grey bark, sheds in lag strips; 10m tall)				GRASSES							
SHRUBS								SEDGES			
Melaleuca quadriflora				Pastigata							
" pauciflora											
Exocarpus aphyllus											
Carpobrotus modestus											
Santalum acuminatum											
Rhagodia drummondii				HERBS							
Leptochloa tenuis				Gnaphalium glaucophyllum							
Melaleuca pauciflora											
Threlkeldia diffusa											
Microrhiza pauciflora											
Maireana trichophylla											
Olearia muelleri											
Disphyma clavellatum											
Frankenia pauciflora				interioris							

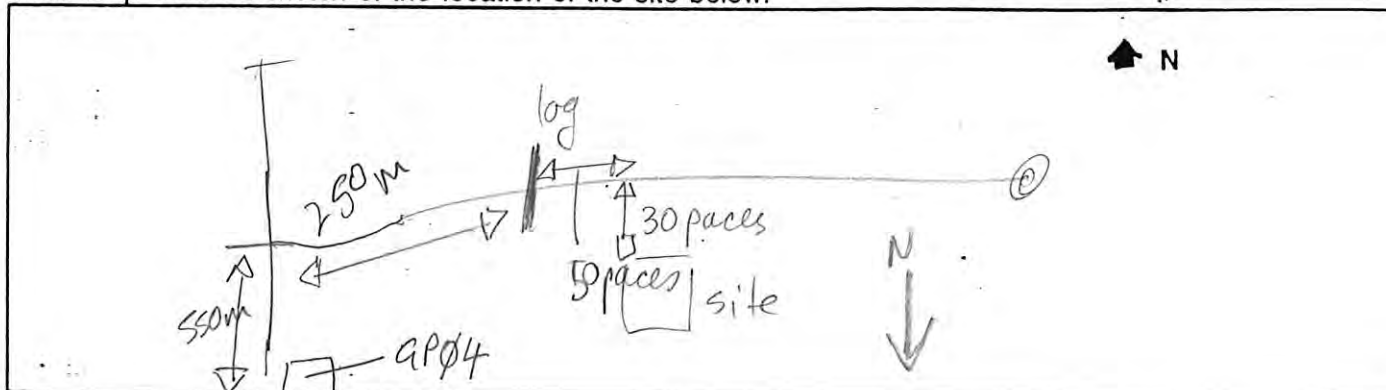
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP16
 DATE TRIP 13-10-2000 RECORDERS NG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

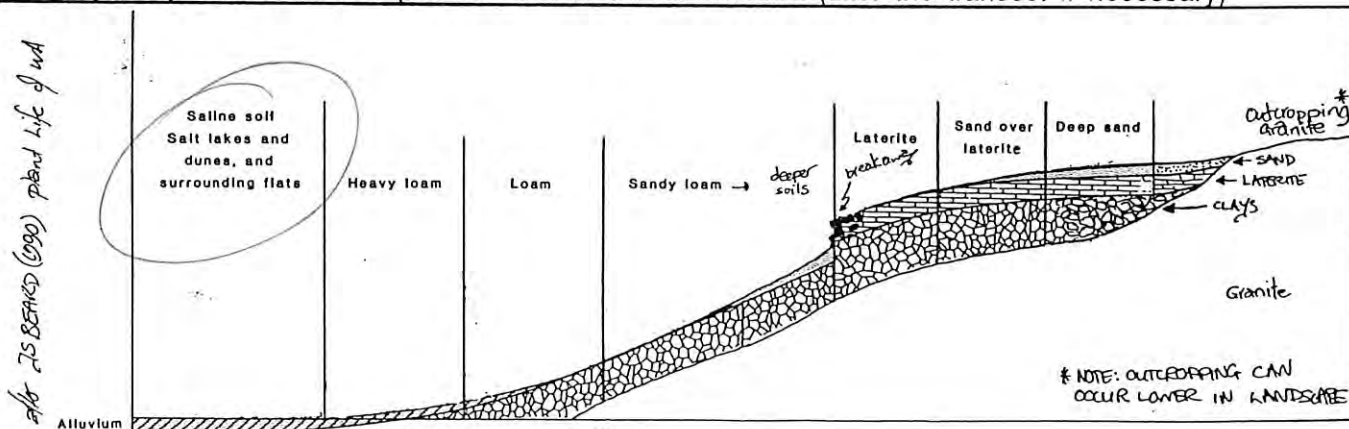


Road Location

Geographic Location Latitude 33 09 39.4 S Longitude 120 59 38.2 E Altitude 2.6
 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.

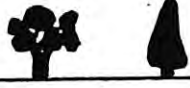
Slope	<u>flat</u>	gentle	steep	Aspect	N	NE	E	SE	S	SW	W	NW	
Surface Soil	<u>gypsophitous sand</u>				Colour	<u>brown</u>							
Exposed rock	type				% surface								
Sub-surface Soil	<u>clay</u>				depth to rock	<u>30 cm</u>							
Rock	type												
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet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

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

3. VEGETATION STRUCTURE AND COVER

9. 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		2-10		
DOMINANT SPECIES	<i>Euc. myriadena</i>		<i>Mel. pauperif</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>Scaevola</i> <i>Atriplex vesic</i>	<i>Maireana tichopt</i> <i>Threlkeldia</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	L2	L2			
DOMINANT SPECIES		<i>Zygophyll</i>			

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20 x 20

5. SPECIES PRESCENCE

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

SITE No GP 16

Record on Sheet

Date 13-10-2000

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

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

~~Euc. myriadena~~~~Mel. pauciflora~~~~quadriflora~~

MALLEES

GRASSES

SHRUBS

~~Eremophila decipiens (sp)~~~~Scaevola bartramifolia~~~~" spinescens~~~~Carpobrotus modestus~~~~Enchylaena toment~~~~Disphyma clavell~~~~Threlkeldia diffusa~~~~Atriplex vesicor~~~~Lycium australe~~~~Eremophila deserti~~~~Rhagodia drummon~~

HERBS

~~Maireana arioides~~~~Zygophyllum billardieri~~

SEDGES

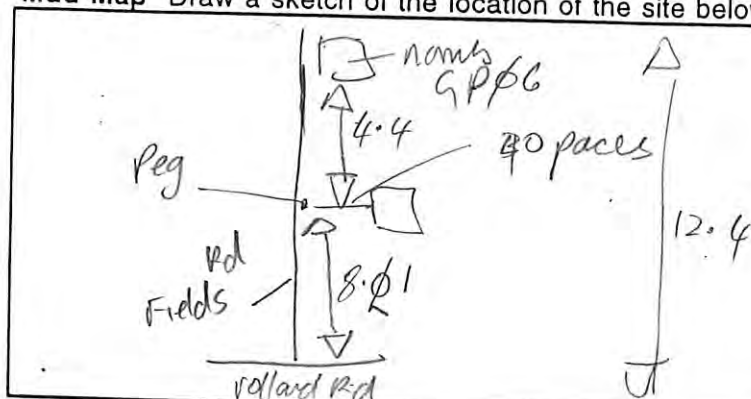
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP17
 DATE TRIP 13-10-2000 RECORDERS NG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

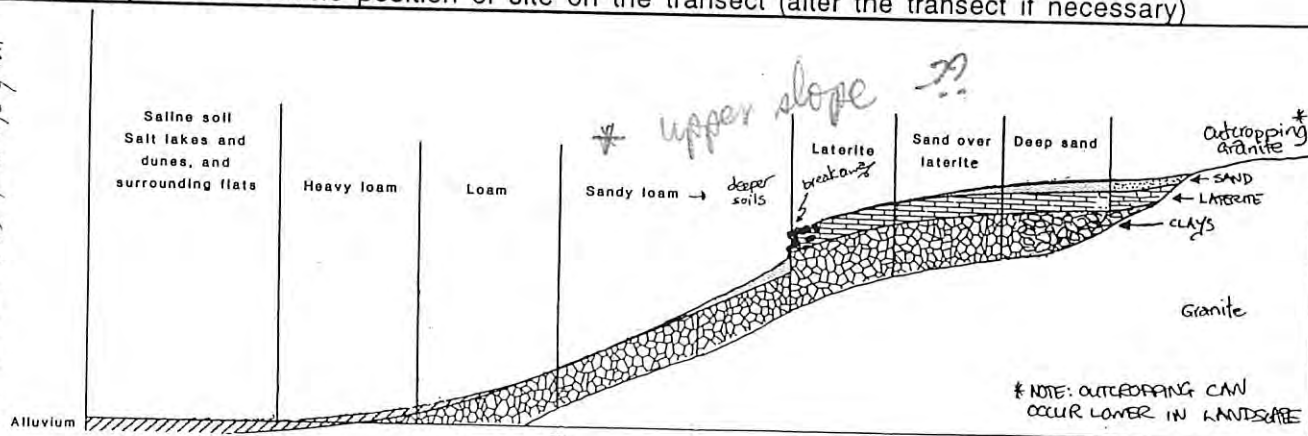


Road Location

Geographic Location Latitude 33 09 05.4 S Longitude 121 12 26.3 E Altitude 204
 Reference Map

Photograph Photographer's Name 3 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	sandy clay								Colour	brown		
Exposed rock	type								% surface			
Sub-surface Soil	Kankar sandy clay								Colour	brown		
Rock	type								depth to rock			
Drainage	☒ well	☐ mod	☐ poor	depth water	cm	Wet		all year		winter/spring		
Litter	logs, bark, lvs		% cover	70-90		Bare Ground		10/30		%cover		
	Depth 2-20		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. flocki</i>				
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30				2-10
DOMINANT SPECIES	<i>Mel. pauperif</i>				<i>Threlkeldia dif</i>
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<1	<1			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

cut over for fence posts ≤ 20
yrs ago.

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

Euc. myriadena

[illegible]

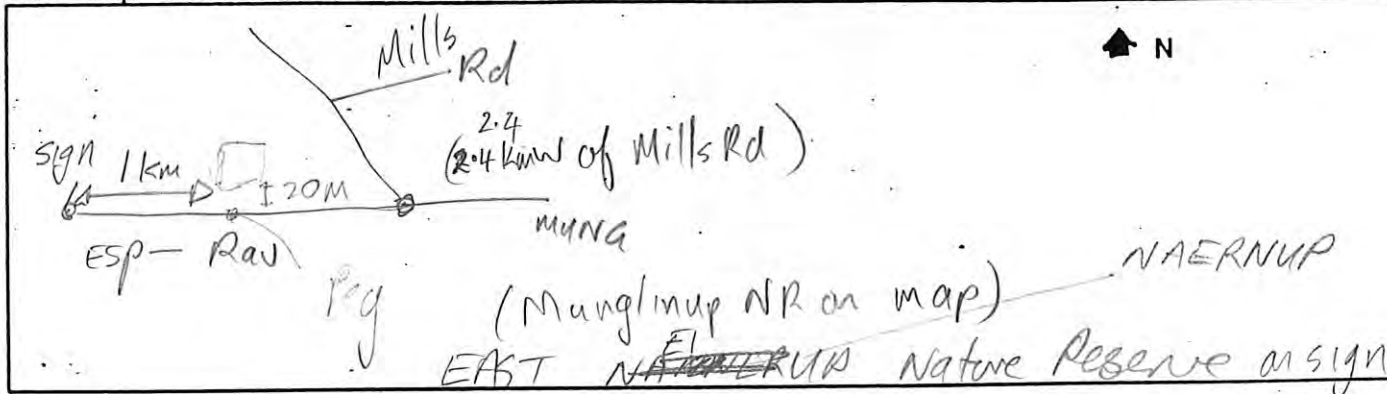
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP18
 DATE TRIP 15-10-00 RECORDERS NG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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



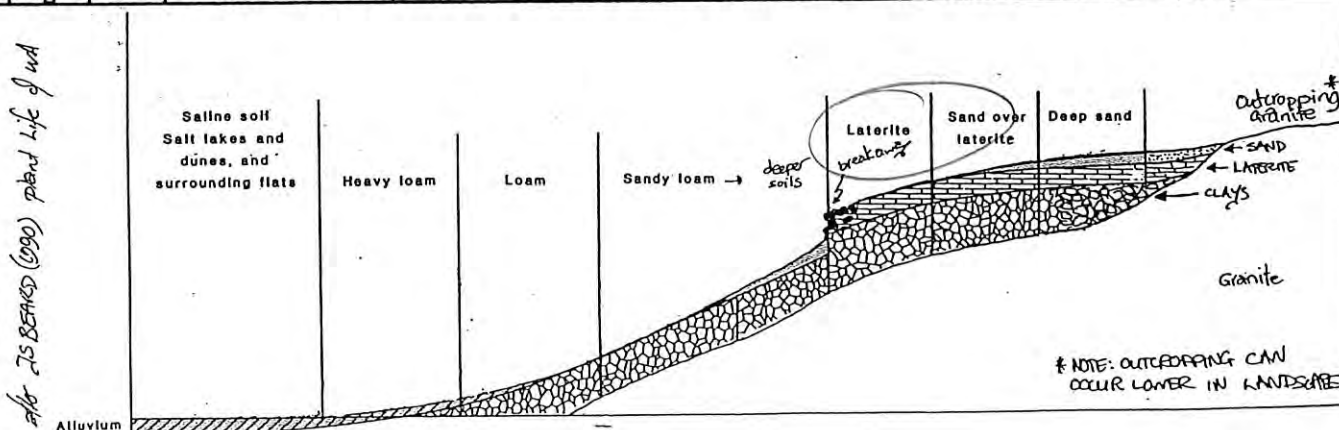
Road Location ESPERANCE - RAVENSTHORPE

Geographic Location Latitude 33 41.07 S Longitude 120 46 40 E Altitude 3

Reference Map

Photograph Photographer's Name NG Photo No 06

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 orange-brown
 Exposed rock type _____ % surface _____

Sub-surface Soil lateritic clay Colour brown
 Rock type laterite depth to rock 10-30 cm

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

Litter twigs, lvs % cover 30/70 Bare Ground 20/30 % 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						MALEES	
	over 15m	5-15m	under 5m	over 8m	under 8m		
LIFE FORM						30m	10m
COVER CLASS (%)							
DOMINANT SPECIES							
SHRUBS						SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m		
LIFE FORM						2m	1m
COVER CLASS (%)			> 70				
DOMINANT SPECIES			Dry. arcta Agonis Kunzea				
GRASSES		HERBS		SEDGES			
				over 0.5m	under 0.5m		
LIFE FORM						1m	
COVER CLASS (%)	42	2-10			30-20		
DOMINANT SPECIES	Amph. turbin	Conostyles Lom. mucron			Lepidosperma Schoenus		

4. VEGETATION CONDITION

Comments

excellent

20720

BUSHLAND PLANT SURVEY RECORDING SHEET

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

Column 1 plant name

FILE

Record on Sheet

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

Euc. tetragona

[illegible]

✓ Ktawen amb. juv (glab) -

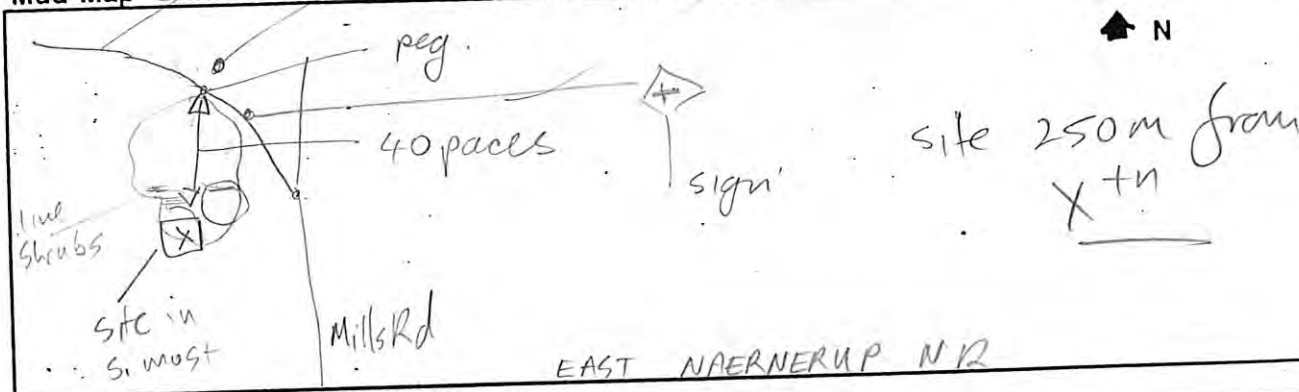
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER 9P19
 DATE TRIP 15-10-2000 RECORDERS AW/NG/GK/WM
 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

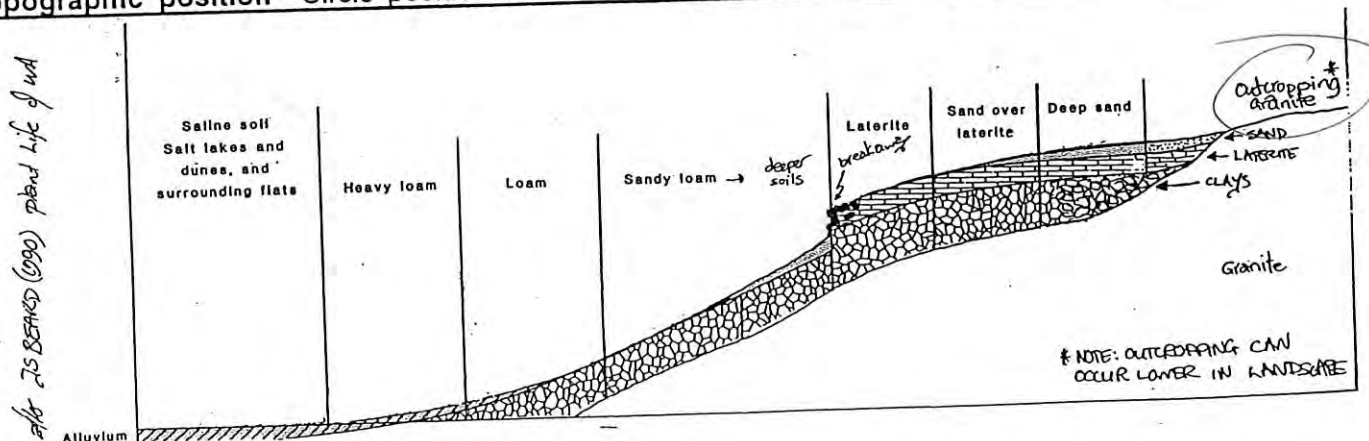
Geographic Location Latitude 33 42 3 S Longitude 120 48 06 E Altitude 300
 Reference Map _____

Photograph

Photographer's Name NG

Photo No 17

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



2. SITE DATA Circle the correct response.

Slope	flat	<u>gentle</u>	steep	Aspect	N	NE	E	SE	S	<u>SW</u>	W	NW
Surface Soil	moosy sandy clay				Colour	brown						
Exposed rock	type granite				% surface	30/40						
Sub-surface Soil	granite				Colour							
Rock	type granite				depth to rock	5-10cm						
Drainage	<u>well</u>	mod	poor	depth water	cm	<u>Wet</u>	all year	<u>winter/spring</u>				
Litter	15g	% cover		10/30	Bare Ground	40	% cover					
	Depth 2-5	cm										

3. VEGETATION STRUCTURE AND COVER

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

			TREES			MALLEES		
			over 15m	5-15m	under 5m	over 8m	under 8m	
LIFE FORM			 			30m	10m	
COVER CLASS (%)								
DOMINANT SPECIES								
			SHRUBS			SHRUBS		
			over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m	
LIFE FORM	 					2m	1m	
COVER CLASS (%)			16-30					
DOMINANT SPECIES			Thrypt. to. gay					
			GRASSES		HERBS		SEDGES	
							over 0.5m	under 0.5m
LIFE FORM	 	 	  	 			1m	
COVER CLASS (%)	12	30-70						
DOMINANT SPECIES		Borja const styp. glauca						

4. VEGETATION CONDITION

Comments

excellent - very good

20720

plant's name or working	name if required
-------------------------	------------------

- 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
								<i>Cherilanthus austro-ten</i>			
								<i>Chaemaesicilla corymb parv</i>			
								<i>Podolepis leopoldi</i>			
								<i>*Diuris sp (infert)</i>			
								<i>Phyllangium paraet sauc (usp)</i>			
								<i>Schoenus odorocarpus (usp)</i>			
								<i>Microtis media</i>			
MALLEES								<i>Rutidosia / multi florus</i>			
				GRASSES				<i>Goode hevenh pusilla</i>			
				<i>Austrodanthonia</i>				<i>Gonocarpus nodulosus</i>			
				<i>Pentascistis arid</i>				<i>Pseudobnaph luteo-al</i>			
				<i>Hira corymb</i>				<i>Siloxerus humif</i>			
SHRUBS				<i>Valpa myras</i>				SEDGES			
<i>Thyryptomene / sakicola / austr</i>				<i>Austrostipa hemipogon</i>				<i>Aphelia : drumma cypr</i>			
<i>Starkhouseia monoq</i>				<i>Briza minor</i>				<i>Hydnocotyle callic</i>			
<i>Elastrolobium Zlatosphylla (usp)</i>				<i>Amphipogon debilis</i>				<i>Centrolepis cristat</i>			
<i>Santalum acumin</i>				<i>strictus</i>				<i>Sonchus olerac</i>			
<i>Acacia lasiocalyx</i>				HERBS				<i>Drossa glandulig</i>			
<i>Boronia Dordonaea ceratocarha</i>				<i>Barya constricta</i>				<i>Utricul multi dida</i>			
<i>Melaleuca fulgens fulgure</i>				<i>Stylpandra glauca</i>				<i>Thysanot paterson</i>			
				<i>Hybochaenus glabra</i>				<i>*Pterostylis nana sphaeral</i>			
				<i>Unephosia pusilla drumm</i>				<i>Ophioglossum coriac</i>			
				<i>Gordenia mirantha</i>				<i>Gordenia beardiana</i>			
				<i>Wahlenbergia brevis</i>				<i>Brachycome glandula</i>			
				<i>Podolepis (l) lessonii</i>				<i>Marrubium diocia</i>			
				<i>Quintia urvillei</i>				<i>Podotheca angust</i>			
				<i>Brachycome repusilla</i>				<i>Gordonia velle cyanoscler</i>			
				<i>Trichymenae pilosa</i>				<i>Hydrocotyle calliopt</i>			
				<i>Prasonhyllum macrost</i>				<i>Galium mucos</i>			
				<i>Blennospora drumm</i>				<i>Agrostis brevisii</i>			
				<i>Drossa stolonife</i>				<i>Lonicera muscilloflora</i>			

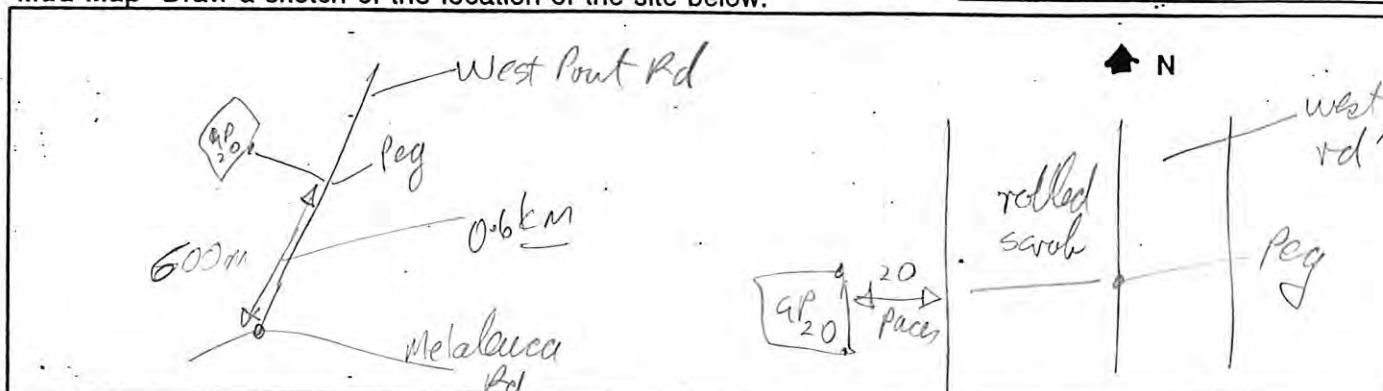
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP 20
 DATE TRIP 15-10-2000 RECORDERS ANG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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



Road Location

Geographic Location Latitude 33°30'42.6" S Longitude 120°35'11.9" E Altitude _____

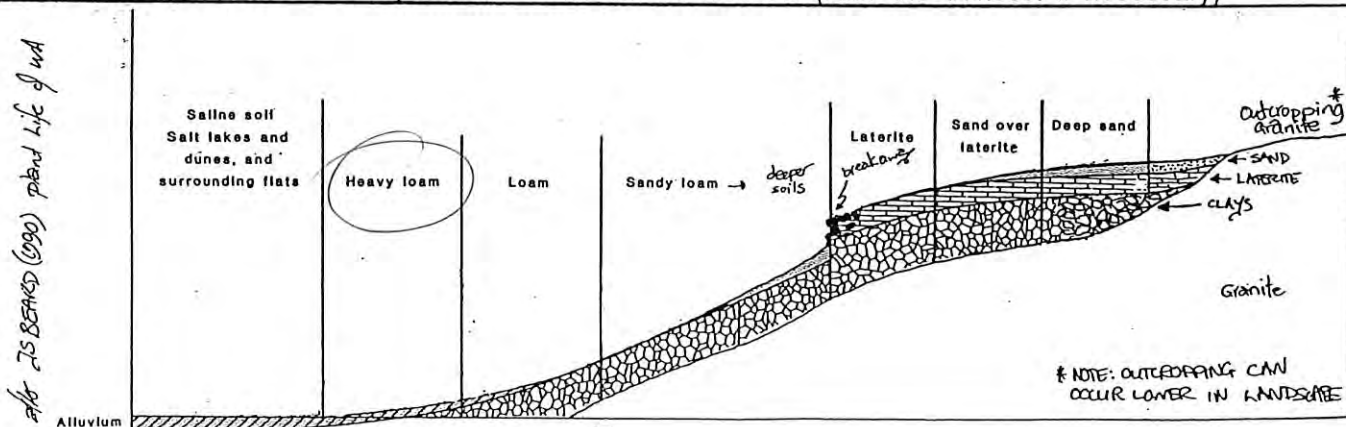
Reference Map _____

Photograph

Photographer's Name NG

Photo No 08

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 brown
 Exposed rock type _____ % surface _____

Sub-surface Soil clay Colour — brown
 Rock type _____ depth to rock > 1m

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

Litter bark, lvs, twigs % cover 70/90 Bare Ground 30 % cover
 Depth 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						30m	10m
COVER CLASS (%)		30-70					
DOMINANT SPECIES		<i>Euc. platypus</i>					
SHRUBS					SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m		
LIFE FORM						2m	1m
COVER CLASS (%)	10-30						
DOMINANT SPECIES	<i>Melaleuca</i>						
GRASSES		HERBS		SEDGES			
				over 0.5m	under 0.5m		
LIFE FORM						1m	
COVER CLASS (%)	2-10						
DOMINANT SPECIES	<i>Austrostipa</i>						

4. VEGETATION CONDITION

Comments

excellent
some fence post cutting

Euc. sp II rough barked standing to 4m

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 GP 20

Record on Sheet

Date 15-10-2000

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

Euc. flocktoniae ✓
Euc. sp II
lep to calyx (VSP)

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

Eucalyptus platypus
" sp I
(pendulous)

Constricta (VSP)
O. dielsii (VSP)

MALLEES

GRASSES

Austrostipa hemihya (VSP)
Austrodanthonia

SHRUBS

Melaleuca I cuculata
" undulata (lg. lvs)
" III saricoides
" IV sapientes
Banksia Actinocaulis (gdb)
Dodonaea concinna (VSP)

SEDGES

HERBS

Prostylis rufa roensis
Chelymista pumila

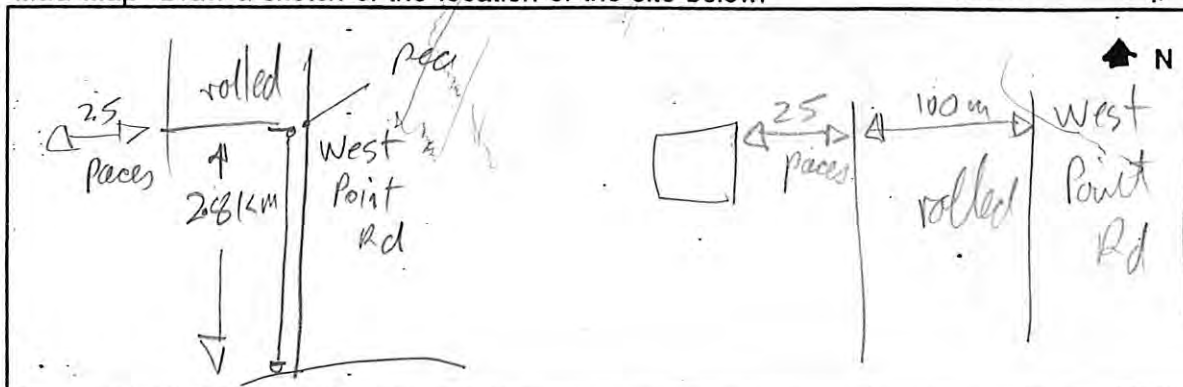
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP 21
 DATE TRIP 15-10-2000 RECORDERS ANG/K/AM/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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



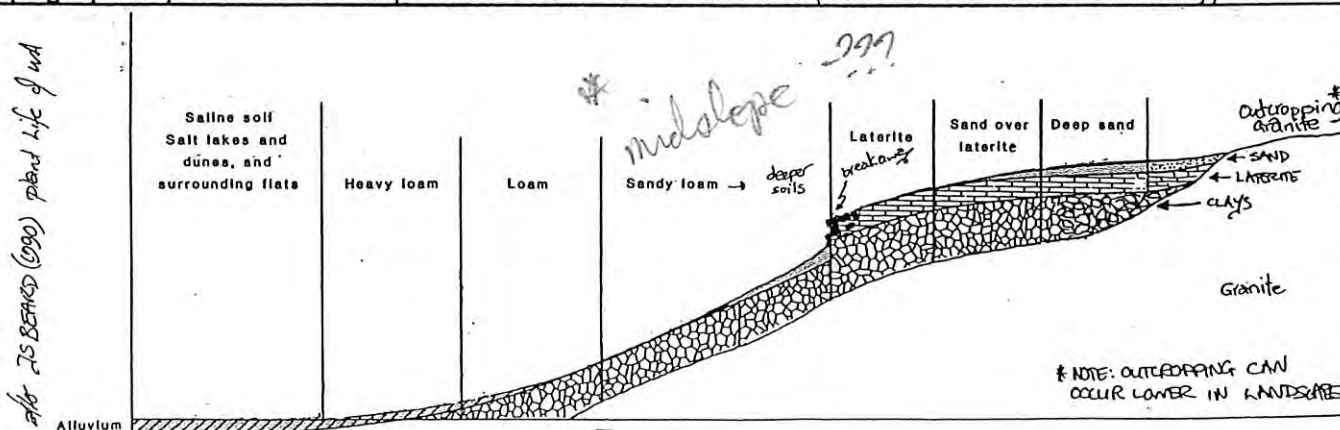
Road Location

Geographic Location Latitude 23 29.41.3 S Longitude 120 35 54.5 E Altitude 3.0

Reference Map.

Photograph Photographer's Name NG Photo No 09

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

Sub-surface Soil type sand **Colour** white
Rock type _____ depth to rock 71m

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

Litter lvs, twigs % cover 10/30 **Bare Ground** 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.

	TREES			MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					2-10
DOMINANT SPECIES					Euc. tetrag. Euc. I

	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	Banksia media Leptopernum		Beaufortia Dryandra		

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	C2	C1			10-30
DOMINANT SPECIES					Carlisle Desmodium

4. VEGETATION CONDITION

Comments

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 GP 21

Record on Sheet

Date 15-10-2000

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				~~Leptospermum~~ ~~maxwellii~~							
				~~"~~ ~~inlegans~~ (usp)							
				~~Persea~~ ~~fortit~~ ~~guing~~ ~~inervia~~							
				~~Hibbertia~~ ~~gracilis~~ ~~bonum~~							
				~~Dryandra~~ ~~(prist)~~ ~~obtus~~ (usp)							
				~~metaleuca~~ ~~?~~ ~~III~~ ~~tuberculata~~ ~~sp.~~ ~~tuberculata~~							
				~~Dryandra~~ ~~cuneata~~							
MALLEES				GRASSES							
~~Euc. tetragona~~				~~Amphipogon~~ ~~turbin~~							
~~Euc. (sm grey bark 4m)~~											
~~misella~~ (usp)											
SHRUBS											
~~Banksia~~ ~~media~~											
~~Melaleuca~~ ~~I~~ ~~aff. spiculata~~ ~~sp. n.~~											
~~"~~ ~~thymoides~~											
~~Beaufortia~~ ~~etc~~ ~~micrantha~~ ~~var micrantha~~											
~~Dorstenia~~ ~~trifolia~~											
~~Persea~~ ~~striata~~											
~~Calytrix~~ ~~decandra~~				HERBS							
~~Chamelaucium~~ ~~megap~~				~~Conostylis~~ ~~petrophiloides~~							
~~Hakea~~ ~~corymbosa~~				~~Laxmannia~~ ~~brachyphyllus~~							
~~Boronia~~ ~~albiflora~~				~~Monotaxis~~ ~~paxii~~							
~~Lysinema~~ ~~ciliatum~~				~~Conostylis~~ ~~leptospermoides~~							
~~Boronia~~ ~~ramosa~~ ~~sp.~~ ~~antiflora~~											
~~Leucopogon~~ ~~conostaphylis~~											
~~Leptospermum~~ ~~spinesc~~											
~~Isopogon~~ ~~tridentatus~~ ~~trilobus~~											
~~Calothamnus~~ ~~gibbosus~~											
~~Petrophile~~ ~~media~~											
~~Paulownia~~ ~~violacea~~											
~~Andersonia~~ ~~macrantha~~ (usp)											
~~Balchea~~ ~~preissiana~~											

SEDGES

~~Caustis~~ ~~dioca~~~~Lepidobolus~~ ~~preiss~~~~Schoenus~~ ~~subflavus~~~~"~~ ~~subflavus~~ (usp)~~Schoenus~~ ~~sp.~~ ~~GP21~~~~Hypolaena~~~~Schoenus~~ ~~carvifolius~~~~Schoenus~~ ~~IV~~~~Chordifex~~ ~~sphacelatus~~ (usp)~~Lepidosperma~~ ~~brunonianum~~

ADJ Euc micrantha (usp)

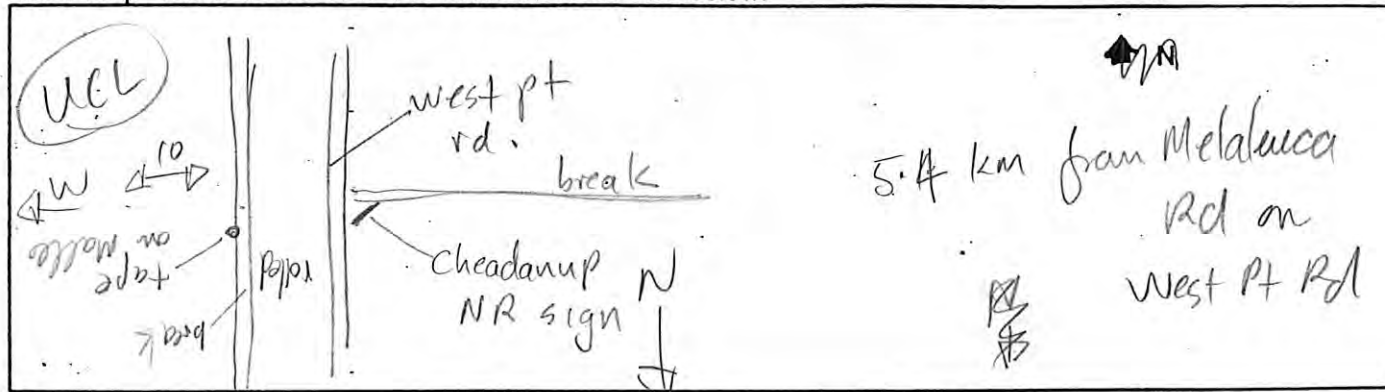
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP 22
 DATE TRIP 15-10-2000 RECORDERS NG/GK/AW/WM
 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.

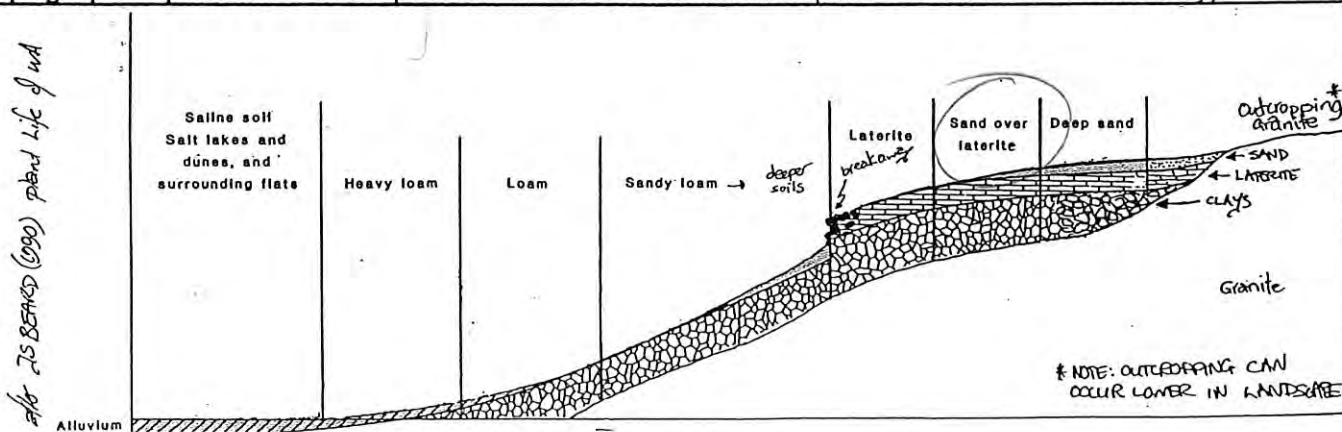


Road Location West Point Rd

Geographic Location Latitude 33 28 31.0 S Longitude 120 36 45.8 E Altitude 209
 Reference Map _____

Photograph Photographer's Name NG Photo No 10

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	sand								Colour	white			
Exposed rock	type	laterite pebbles								% surface	0-10		
Sub-surface Soil	sand								Colour	white			
Rock	type	laterite								depth to rock			
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet all year		winter/spring					
Litter	Wg, twigs		% cover	10/30		Bare Ground		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					
	over 15m	5-15m	under 5m	MALLEES over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					2-10
DOMINANT SPECIES					<i>Euc. tetragona</i>
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	SHRUBS under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10			10-30	10-30
DOMINANT SPECIES	<i>Callitris rossi</i>			<i>Hakea speciosa</i>	<i>Verticordia</i> <i>Beaufortia</i>
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<1	<1			10-30
DOMINANT SPECIES					<i>Mesomphystegia</i>

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

5. SPECIES PRESCENCE

SITE No GP 22

Date 15-10-2000

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

Euc. tetragona

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				~~Synaphea spinulosa~~ (VSP)				~~Leptospermum nitens~~			
				~~Opertularia vaginata~~				~~Petrophile I fastigata~~			
				~~Dampiera juncea~~				~~Verticordia (yellow) dissecta~~			
				~~Leptospermum spinesc~~				~~Petrophile II~~			
				~~Clavasia teretifolia~~				~~Polytrix lesch~~			
				~~Dryandra CRSIODIS~~ (VSP)				~~olax bentham~~			
				~~Cassutha pomiform~~							
				~~Acacia pilguculosa ssp teretifolia~~							
				GRASSES							
				~~Amphip turbin~~							
				~~Neurachne alopecur~~							
				SHRUBS				SEDGES			
				~~Hakea recta~~ cygna cygna				~~Mesomelaena stygia~~ (VSP)			
				~~Daviesia pachyphylla~~				~~Lepidosperma I~~ ~~cauloides~~ (VSP)			
				~~Baerkea preissiana~~				~~" II "~~ ~~gracile~~ (VSP)			
				~~Callitris roki~~ (VSP)				~~Caustis dioca~~			
				~~Grevillea integrifolia~~				~~Schoenus breviflorus~~ (VSP)			
				~~Verticordia rosea~~ (VSP)				~~" obtusif~~ (VSP)			
				~~Calytrix decantha~~ brevisetis st				~~Lepidobolus chaetacep~~			
				~~Melaleuca tuberculata~~ "st. dentata"				~~Schoenus sesquipicularis~~ (VSP)			
				~~Andersonia parviflora~~ (VSP)				~~Lepidosperma brunneum~~			
				~~Calcectasia grandifl~~							
				~~Leucopogon conost~~							
				~~Becumbia eleg~~							
				~~Leucopogon sp. florile~~							
				~~Microphyllus tubercul~~							
				~~Allocasuarina microst~~							
				~~Cassutha glabella~~							
				~~Lysinema ciliatum~~							
				~~Banksia violac~~							
				~~Dryandra humala~~ (VSP)							
				~~Platycace elusa~~							

- ~~Persoonia stricta~~
- ~~Banksia obesa~~
- ~~Hibbertia gracilipes~~ variant

NO SUCH NAME

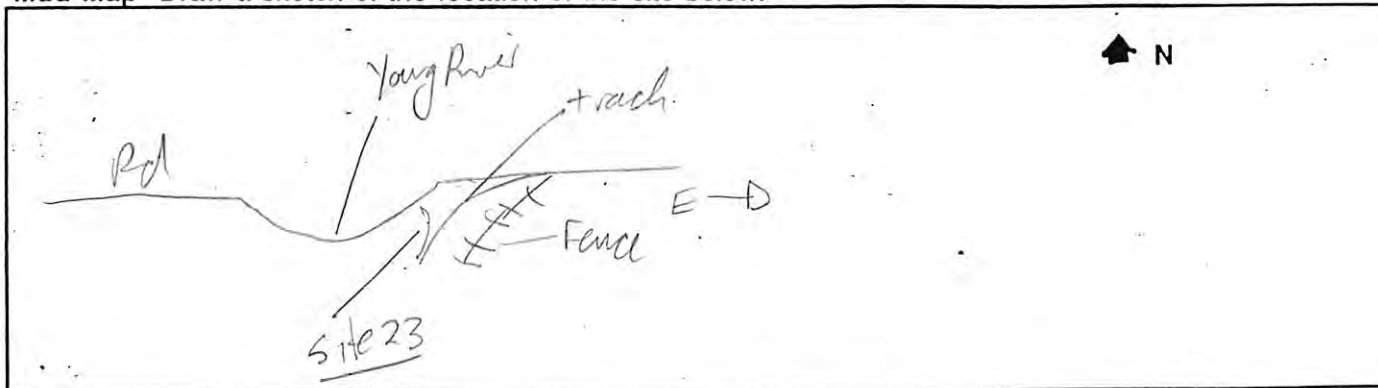
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP23
 DATE TRIP 15-10-2000 RECORDERS NG/gk/aw/wm
 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

WEST POINT ROAD

Geographic Location Latitude 33 22 15.9S Longitude 120 46 50.3E Altitude

Reference Map

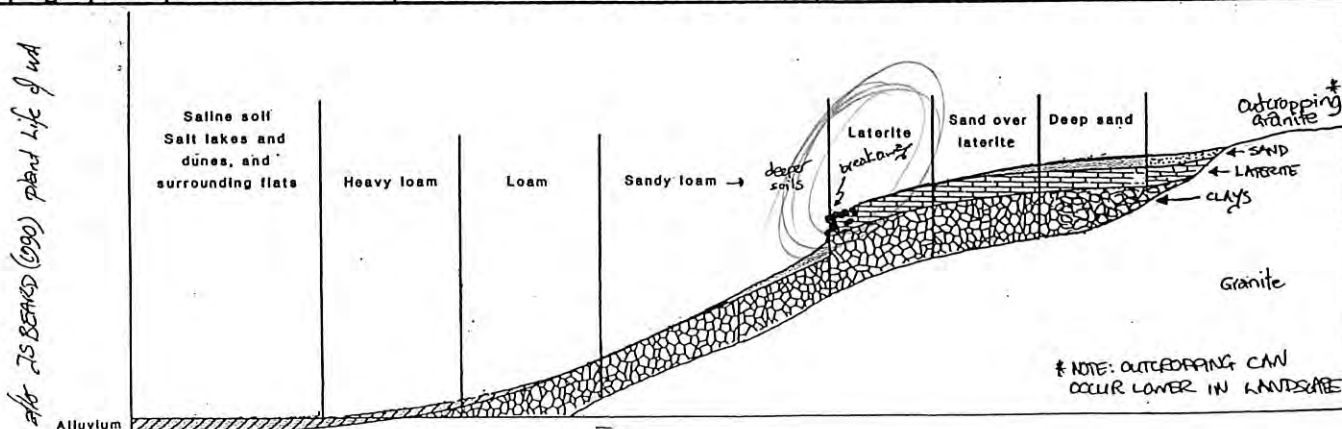
Photograph

Photographer's Name

NG/gk

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 type clay Colour brown
 Exposed rock type laterite (rks/pebbles) % surface 50/70

Sub-surface Soil type clay Colour _____
 Rock type laterite depth to rock 10 - 30

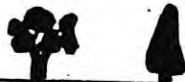
Drainage well mod poor depth water cm Wet all year winter/spring

Litter logs, twigs, lvs % cover 2-10 Bare Ground 70 %cover
 Depth 2-20 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.

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

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)				2-10	
DOMINANT SPECIES				<i>Beyeria</i> <i>grevillia</i>	

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	no layer	no layer			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

20+20

Summe

Record on Sheet

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

Date	No	FI	ID
TREES	No	FI	ID
Euc. platypus			
MALLEES			
SHRUBS			
Baccharis Astartea blanchettii			
Grevillea pectinata			
Beyeria brevifolia			
Doldonalia villosa			
Phebalium tuberculatum			
Persoonia tertiaefolia			
Melaleuca uncinata			
Carpobrotus modestus			
Lycopodium stylidium			
Chamaedecum ciliatum			
GRASSES			
Austrodanthonia			
SEDGES			
HERBS			
Astartea ambigua			
Thelymitra aff. macrophylla			

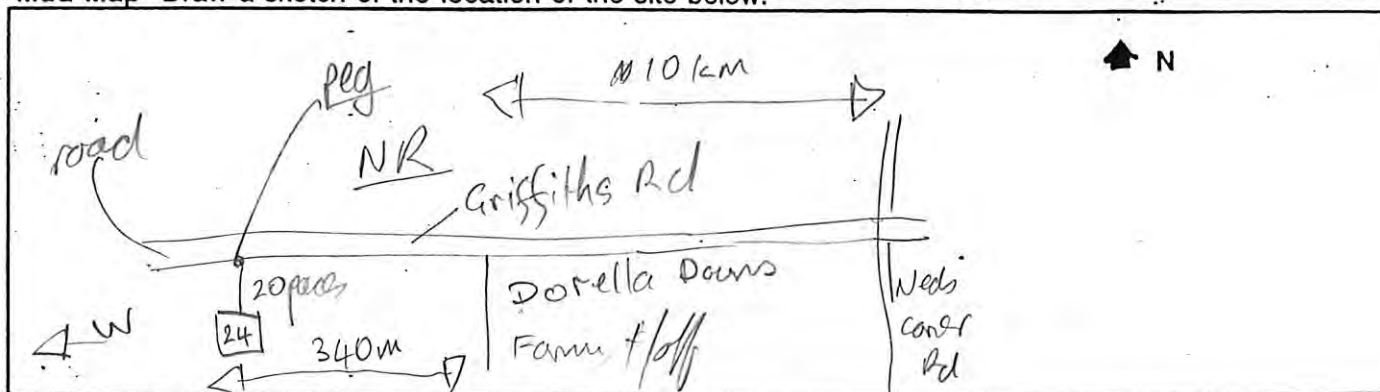
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASSPATCH SITE NUMBER GP 24
 DATE TRIP 15-10-2000 RECORDERS NG/GK/AW/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

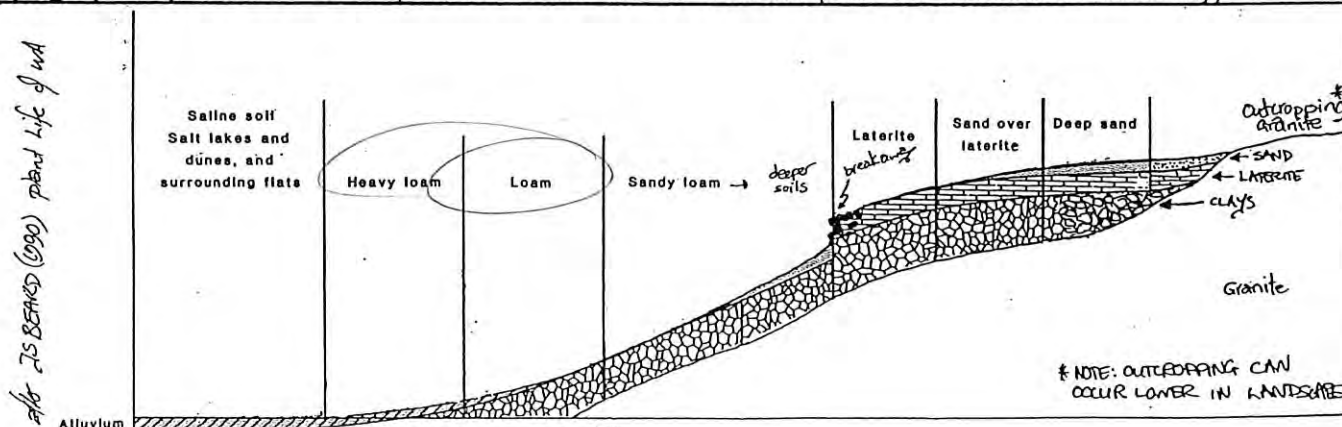


Road Location

Geographic Location Latitude 33 21.22.7 S Longitude 121 01.39.2 E Altitude 207
 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>sandy clay</u>				Colour	<u>orange-brown</u>							
Exposed rock	type				% surface								
Sub-surface Soil	<u>clay</u>				Colour	<u>brown</u>							
Rock	type				depth to rock								
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet	all year	winter/spring					
Litter	<u>twigs, logs, stems</u>				% cover	<u>> 70/90</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						MALEES	
	over 15m	5-15m	under 5m	over 8m	under 8m		
LIFE FORM						30m	10m
COVER CLASS (%)						2-10	
DOMINANT SPECIES						<i>Euc. grossa</i> <i>Euc. V. redunca</i>	

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		30-70			2-10
DOMINANT SPECIES		<i>Mel. uncinata</i> <i>Alloc. camp</i> <i>Acac. uncin</i>			<i>Dodonaea</i>

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<1	<1			10-30
DOMINANT SPECIES					<i>Lahnia</i>

4. VEGETATION CONDITION

Comments

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 GP 24

Record on Sheet

Date 15-10-2000

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

Euc. semophila

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				✓ Hakea ~~ciliolata~~ scoparoides							
				Comesperma ciliatum							
				✓ Platysace effusa							
				✓ Scaevola piniifolia							
				Baeckea "tuberculata"				→ R. communis			
				Cassipou sp							
MALLEES				GRASSES							
Euc. grossa				Amphipogon turbin							
" " "redunca" tumida				Neurachne alopec							
" " (angustifolia) -											
herangusta											
SHRUBS								SEDGES			
✓ Melaleuca uncinata (S. hamata)								✓ Mahonia sanctistrophyla			
Stackhousia monog								✓ Schoenus nanus			
✓ Dodonaea dufur (capitata)								✓ Lathraea II			
✓ Baeckea ~~ambigua~~ (S. ambigua) (USP)								✓ Lepidosperma brownii (line) (USP)			
✓ Verticordia chrysantha (USP)											
✓ Acacia uncinata rigida				HERBS				✓ Lepidosperma drummondii			
✓ Grevillea acutaria				✓ Lobelia rhombifolia							
✓ (Hibbertia "pungens" (mutans))				✓ Wurmbea sinora							
✓ Allocasuarina canaliculata				✓ Paranthura microphylla							
✓ Cryptandra ~~mutans~~ recurva (USP)				✓ Levenhookia pasilla							
✓ Micromyrtus ~~tuberculata~~ obovata				✓ Prasera macrantha							
✓ Platysace Stylidium ~~vermiculata~~				✓ (USP) thryptomenoides							
✓ Pinhelea ~~aeruginosa~~				Stylidium cf bulbifera							
✓ Phyllothea ~~gardenii~~ str globosa											
✓ Calothamn ~~quadrit~~											
✓ Microcoris ~~obovata~~ (USP)											
✓ Phepalium ~~microphyllum~~ (USP)											
✓ Melaleuca glaberrima											
✓ Hibbertia gracilipes											

✓ Cryptandra graniticola (USP)

range station

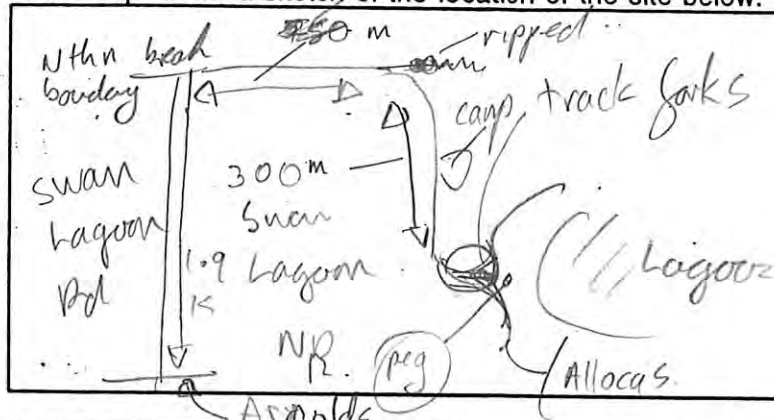
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA GRASS PATCH SITE NUMBER GP25
 DATE TRIP 15-10-2000 RECORDERS NG/GK/AN/WM
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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

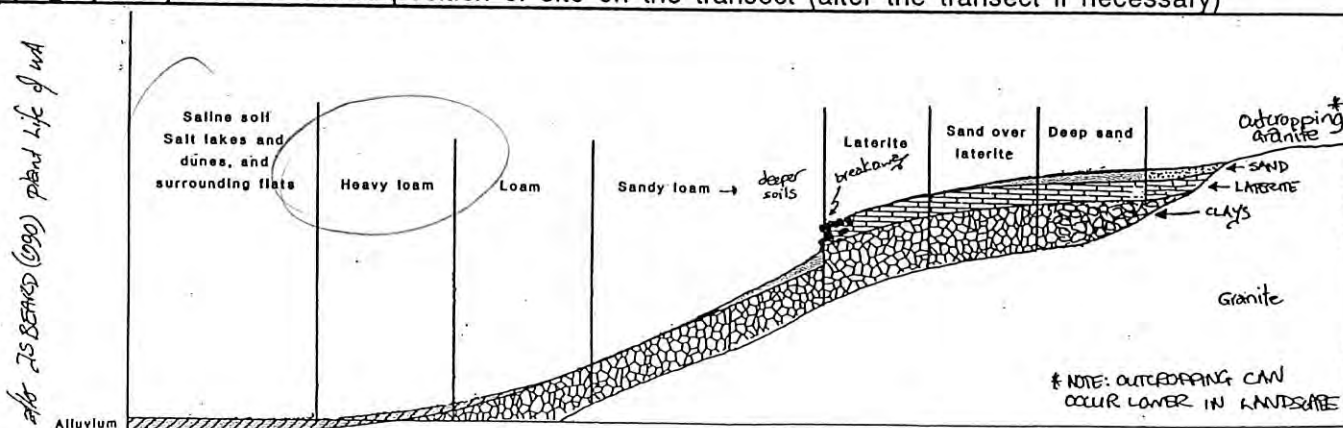


Road Location Rd SWAN - LAGOON RD

Geographic Location Latitude 33 16 09 S Longitude 121 38 34 E Altitude 267
 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	<u>flat</u> <u>gentle</u> steep	Aspect	N NE E SE <u>S</u> SW W NW
Surface Soil	<u>sandy clay</u>	Colour	<u>brown</u>
Exposed rock	type <u>none</u> % surface		
Sub-surface Soil	type <u>clay</u> ?	Colour	<u>brown</u>
Rock	depth to rock <u>> 1m</u>		
Drainage	<u>well</u> <u>mod</u> poor depth water	cm	Wet all year winter/spring
Litter	<u>leaves, twigs</u> % cover <u>10/30</u>	Bare Ground	<u>50</u> % cover
Depth	<u>2-5</u> cm		

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	<i>Euc. Occid</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			10-30			
DOMINANT SPECIES	<i>Melaleuca</i>			<i>Allocasuarina</i>			
GRASSES		HERBS		SEDGES			
				over 0.5m	under 0.5m		
LIFE FORM						1m	
COVER CLASS (%)	10-30	2-10			2-10		
DOMINANT SPECIES	<i>Austrost. trich</i> <i>Neorachne alopec</i>	<i>Lom. effusa</i>			<i>Lepidosperma</i>		

4. VEGETATION CONDITION

Comments

Very good

Euc tree to 10m
SP smth coppery-grey, lvs grey-green

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20720

5. SPECIES PRESCENCE

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

SITE No AP25

Record on Sheet

Date 15-10-2000

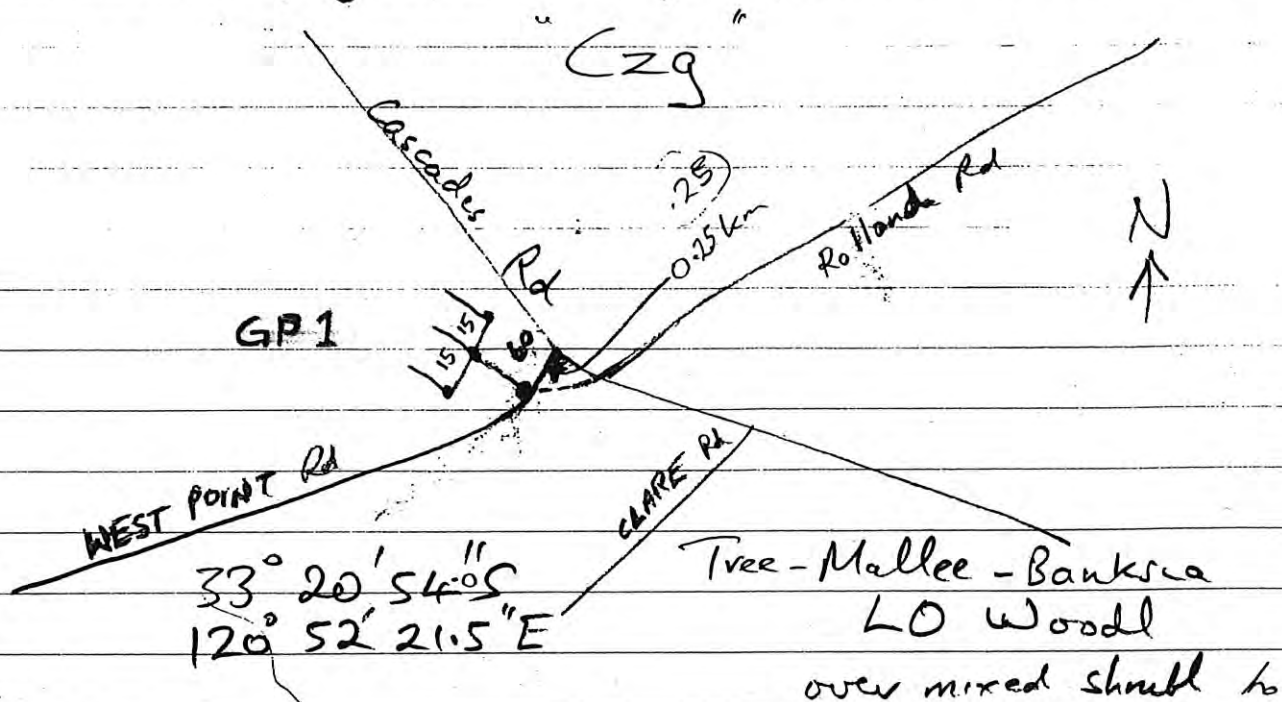
- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

Euc. SP
leptocalyx (VSP)

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. occid								U. Hadinia austral			
								Trachymene pilosa			
								Wahlenbergia preussii			
								Milloia tenuifolia			
								Hyalospermum demissum			
				Stipa hemipogon				Actinobole ulia			
MALLEES				Rostkoria pumila				Blennospora drummondii			
				Stipa drummondii (VSP)				Hydrocotyle medicaginoidea			
				GRASSES varicillata (VSP)				Thysanotus patersonii			
				Stipa trichophylla				Senecio gloss			
				" subumbellata (VSP)							
SHRUBS				Neurachne alopec							
Olearia axillaris				Aira							
Cassia nemophila-chalchilana				Vulpia myuros				SEDGES			
Dodonaea affinis caespitosa				Pentastichis airoid				Thalassidroma perna ang sp A2			
Carpobrotus modestus				Amphipogon strictus (VSP)				gahnia			
Enchylaena toment				Hydrocotyle elegant							
				Amphipogon debilis							
				HERBS							
Myaleuca undulata (smaller type)				Podolepis canescens							
				Thellymytra pauciflora							
				Lomandra effusa							
				Waltzia citrina							
				Ursinia anthem							
				Podolepis tepperi							
				Hypochaeris glabra							
				Phillota spathulatus (VSP)							
				Crassula hirsuta							
				Brachycome glandulig							
				Anadallis claven							
				Dalmanella							
				frederica (VSP)							

affinis (VSP)

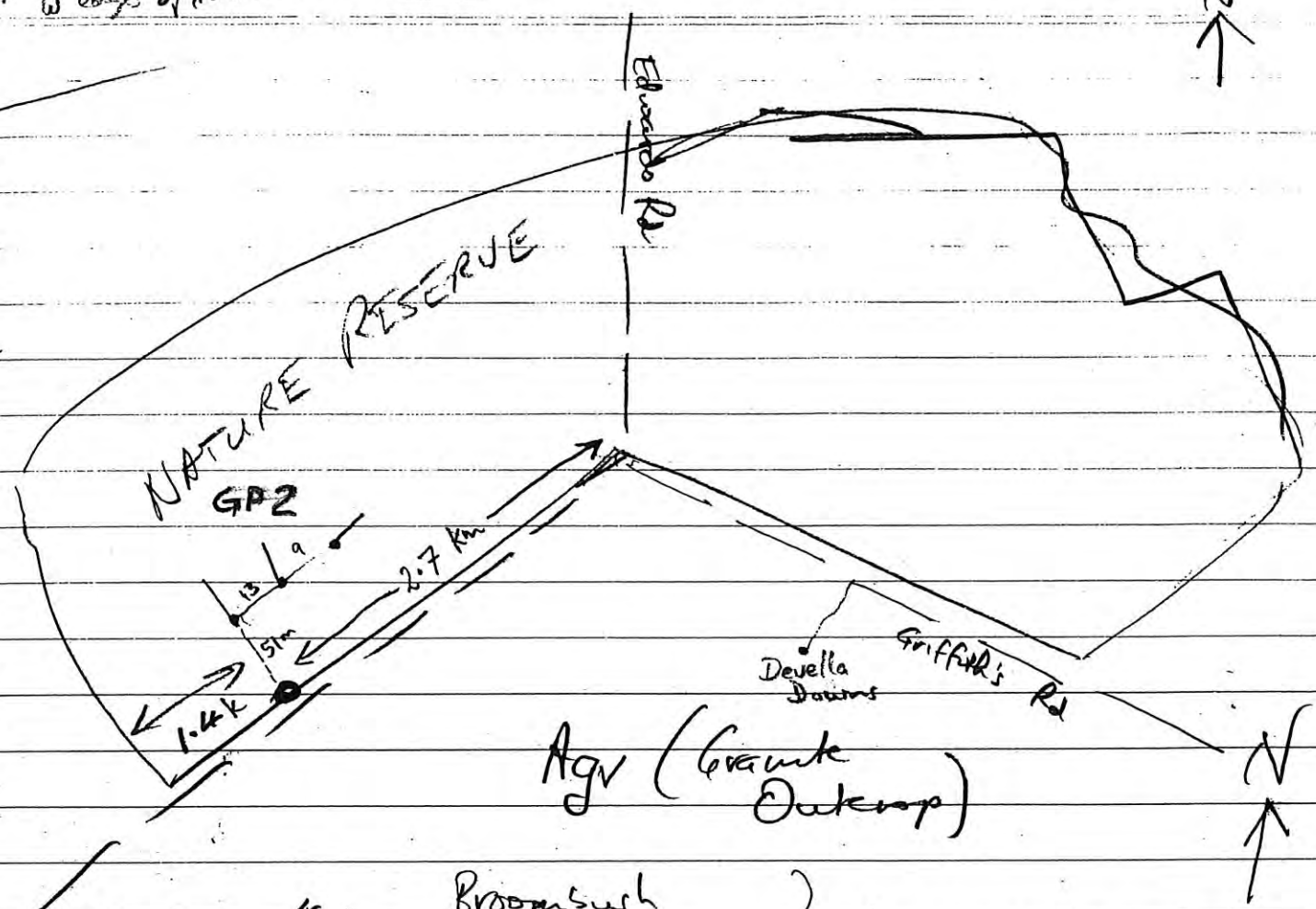
ca 95 km NW of Esperance
106 S of Pyramid Lake, NORTHOVER 1:100 000



CZg: Nodular ferricrete
overlain by 'siliceous' sand
some ~~gran~~ pisolites (gravel) in sand profile to ?50 cm.
deep.

1.100 000
 Just W of the
 W edges of the Lost

1.100 000 NW 3-5



$33^{\circ} 22' 0.7''$ S } Broomstick
 $120^{\circ} 59' 43.4''$ E } Melaleuca } Shrubland to 2.5m
 over ~~various~~ sedges
 = a few emergent
 Granite lean to 0.2-1m.

LOKI 1.100 000

< 20 km E 1 Pyramed Lake

Nature Reserve a 30 km SSE Lake Mendocino

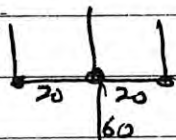
$33^{\circ} 15' 27.9'' S$
 $121^{\circ} 05' 47.4'' E$

GP3

Rolland Rd

NEDS CORNER

Rd 411



1/45 km

Ort

Mixed Eucalyptus wood

over myrtaceous shrubland to 2m (large)
pale silty minor clay associated with carbonate nodular segregation
(brown grey calcareous ~~thin~~ & carbonate nodules)

Vegetation
Corner Rd

Northover
1:100000

Pyramid Lake, ~~West~~ Eastern Side

10

1° saline
Sample
playa margin
substrate



gypsiferous clays, muds + deflation sands

at adjacent margin is a gypsiferous lunette
suggestion of gypcrete + coarse crystalline gypsum
segregation blades at water table at ~ 40cm
interface

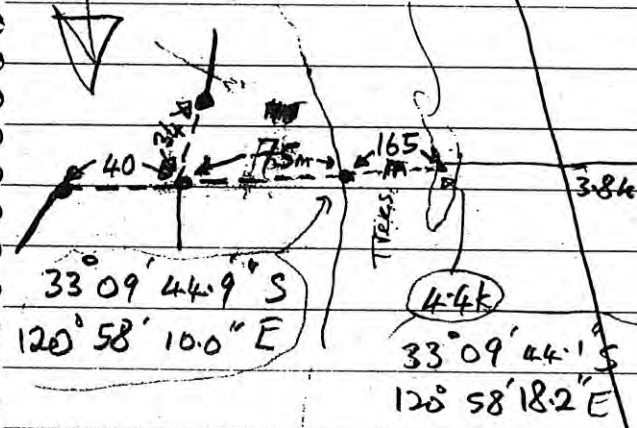
clearing

GP 5

GP 4

8.1 km

Pyramid
Road



Lake
floor

Euc woodland
over scattered
Broombush etc in area

Deep yellow sand + sedges to 5m
Poorly sorted, Medium Yellow sand & silt + coarse +
lunette rise on south edge of playa + fine sand components

$33^{\circ}09'31.1''S$
 $121^{\circ}00'02.8''E$

ROLLING RD

WEDS CORNER RD
10.1k

LORT 1:100 000
North west part $\approx$ 90 km NNW of Esperance

CZS — undifferentiated medium siliceous sandplain
deep pale sand.

Mixed mallee emergents to Low
Callitris to 2.5m

Over mixed proteaceous &
myrtaceous shrubland to
1-1.5m

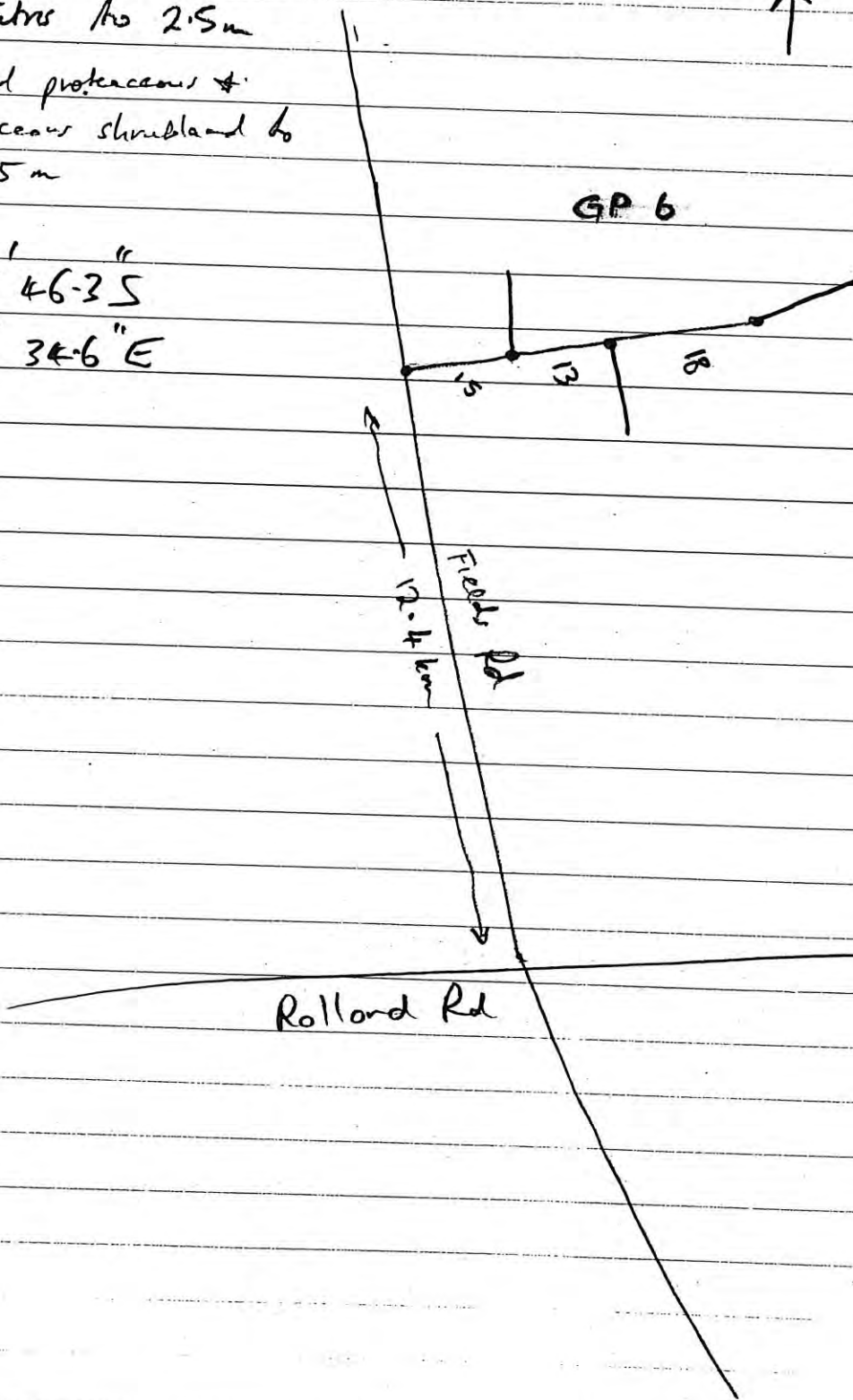
33° 06' 46.35"

121° 11' 34.6"E

GP 6

Fields Rd
12.4 km

Rollond Rd



Central LOR

80 km NNW of Esperance

Alluvial Clay $\rightarrow$ 1° saline

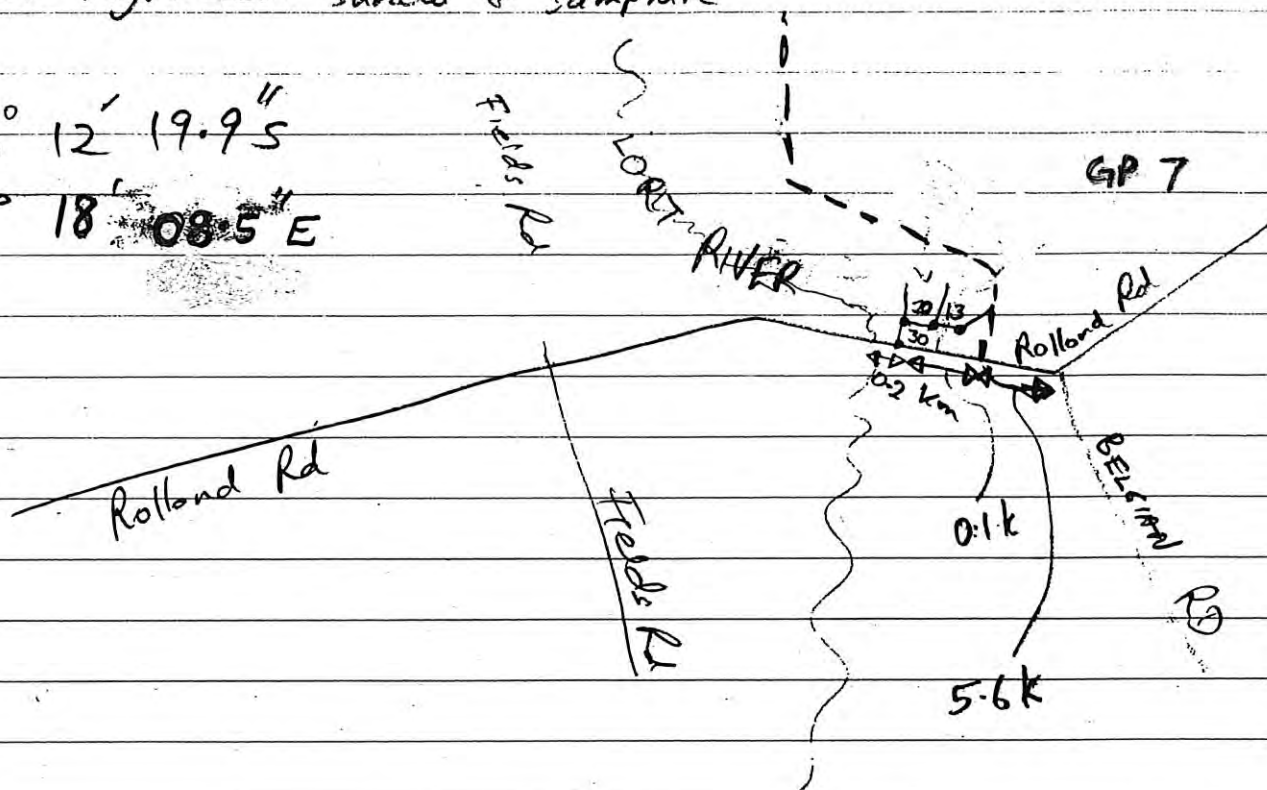
Qrm - fluvial

Mallee + Tall Melaleuca shrubs

over myrtaceous shrubs + samphire

$33^{\circ} 12' 19.9''$

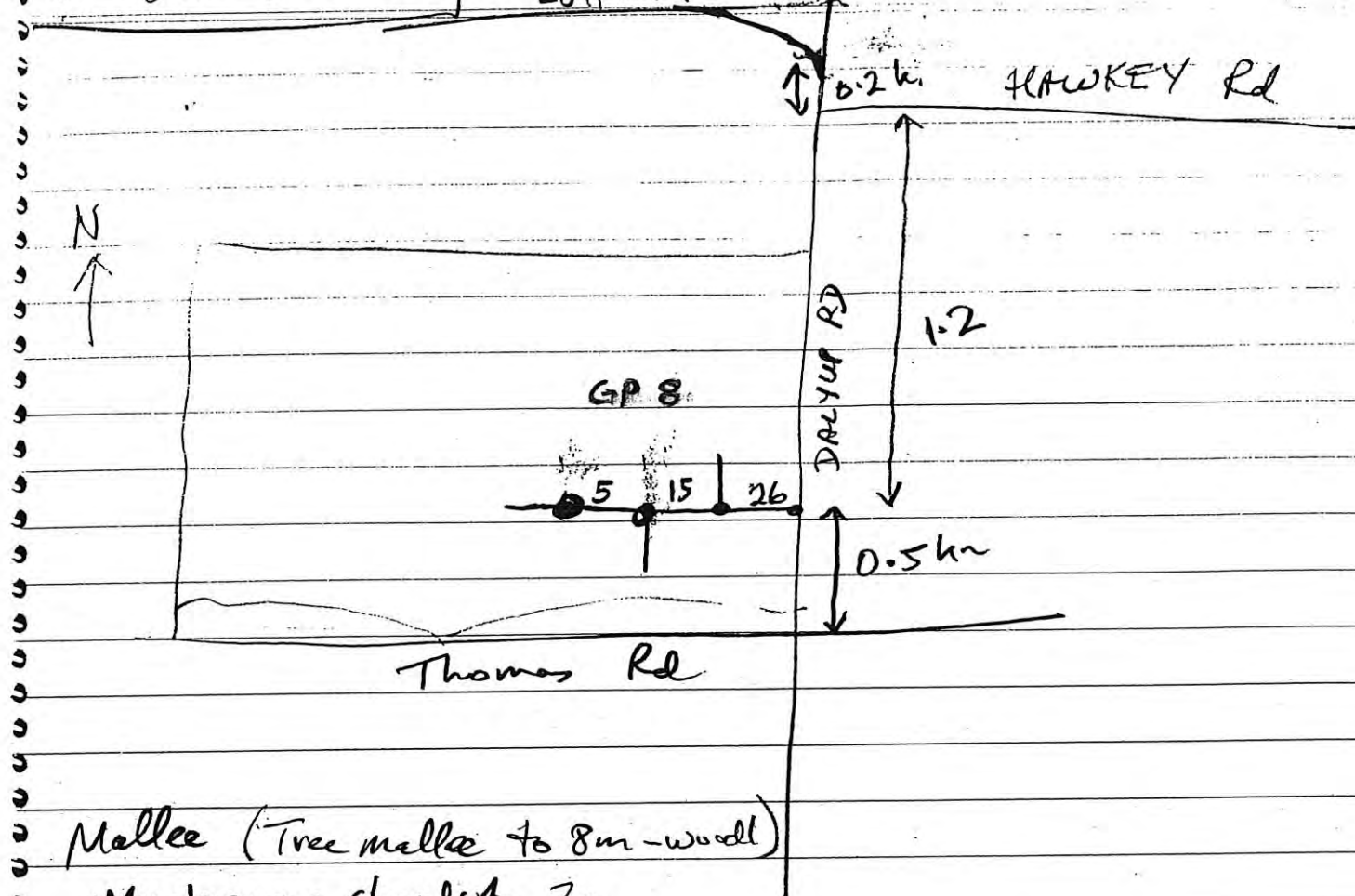
$121^{\circ} 18' 08.5''$ E



SCADDAN 1:085500
SW Sector of Sheet

20 km SSW of Uran catch
Loffler Rd

(D)



Mallee (Tree mallee to 8m - woodl)

Myrtaceous shrubs to 2m

Melaleucas, c leaf + bark litter

$33^{\circ} 23' 08.7'' S$

$121^{\circ} 34' 56.2'' E$

Grey fine sand on (? clay) ~~and~~ ~~with~~
25 cm deep compact indurated horizon

AMG - 368136

6305037

ESPERANCE
NW Corner of Sheet
1:100 000

47 K NW of ESPERANCE

ESPERANCE
ABORIGINAL RESERVE

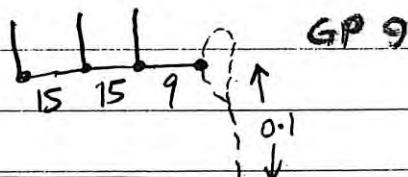
T

mottled
Alkaline / Clay thickly
mottled with ≈ 10 cm of
fine sand

$33^{\circ} 31' 02.0''$ S

$121^{\circ} 33' 32.8''$ E

"C2c"



SPEEDINGUP RD WEST

2.5

DALYUP RD

Tall tree-mallee to 8m

over Melaleuca thickets to 3.5m

+ scattered sub-shrubs eg EXOCORPOS
+ grasses to 0.5m

+ bare ground = leaf litter + bark
litter.

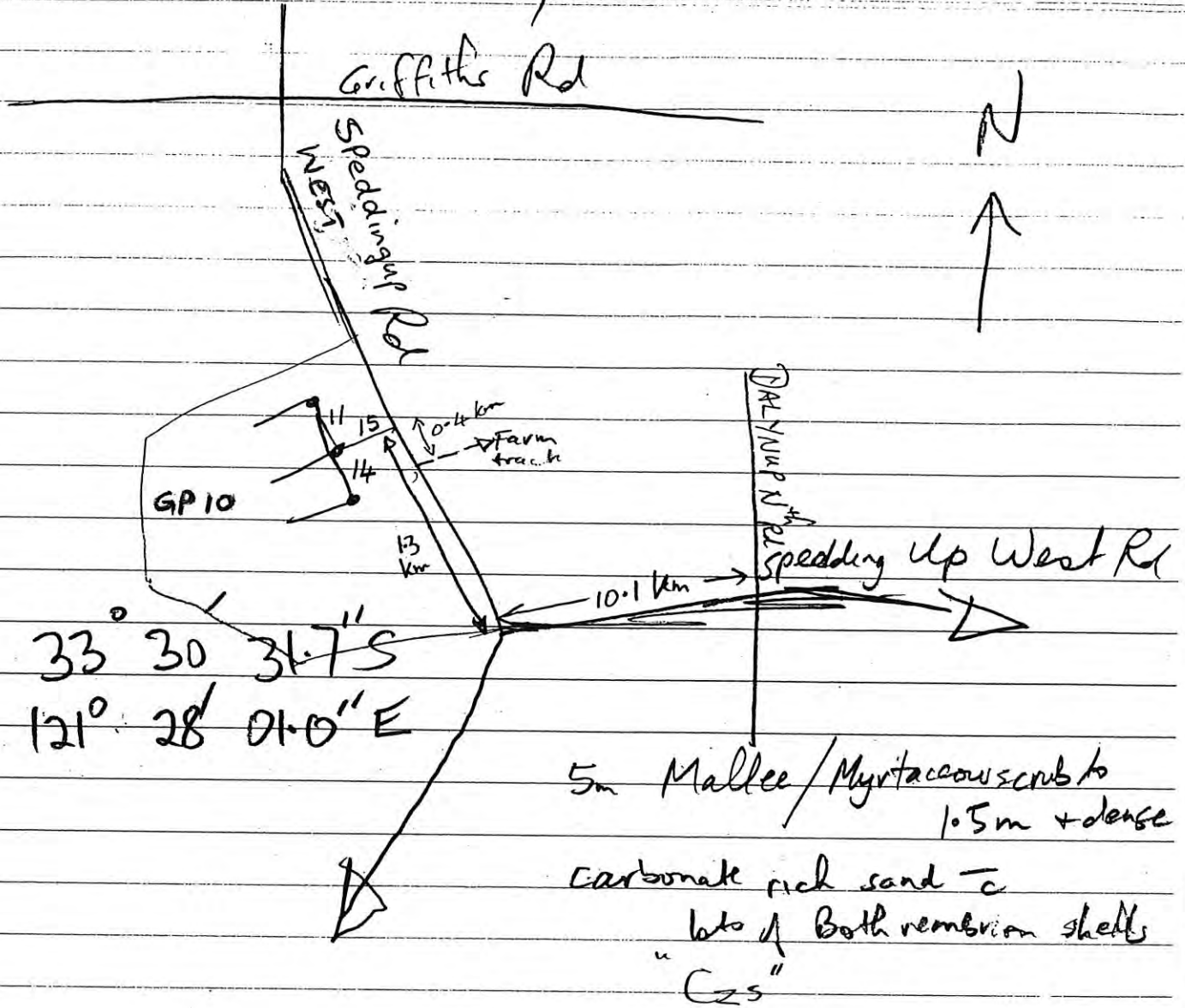
AMG - 366183

6290429

NE corner of
"Stokes Inlet" 1:100 000

≈ 50 k NNW of Esperance

6



AMG - 357609

6291240

South-central
of LORT 1:100 000
sheet

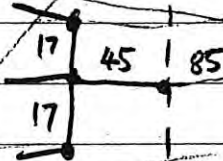
72 km NW of Esperanza

Griffiths Rd

Fields Rd

$33^{\circ} 27' 12.7'' S$
 $121^{\circ} 15' 01.4'' E$

GP 11



0.5

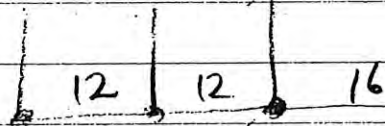
"Orp"
Yate Woodland/
Melaleuca to 2m
herbs

on sand & some
clay + organic-rich
surface (5 cm)

2.9 k

$33^{\circ} 28' 30.6'' S$
 $121^{\circ} 14' 09.6'' E$
Czc

GP 12



0.9 k

Grey ~~sand~~ sand over
stiff mottled clay
- ferricrete

Low emergent
malbec
myrtaceous shrubland
to 1m & a few
scattered proteas

STOKES INLET

1:100 000

Central Western Side

$\approx 80 \approx 75$ k W of Esperance

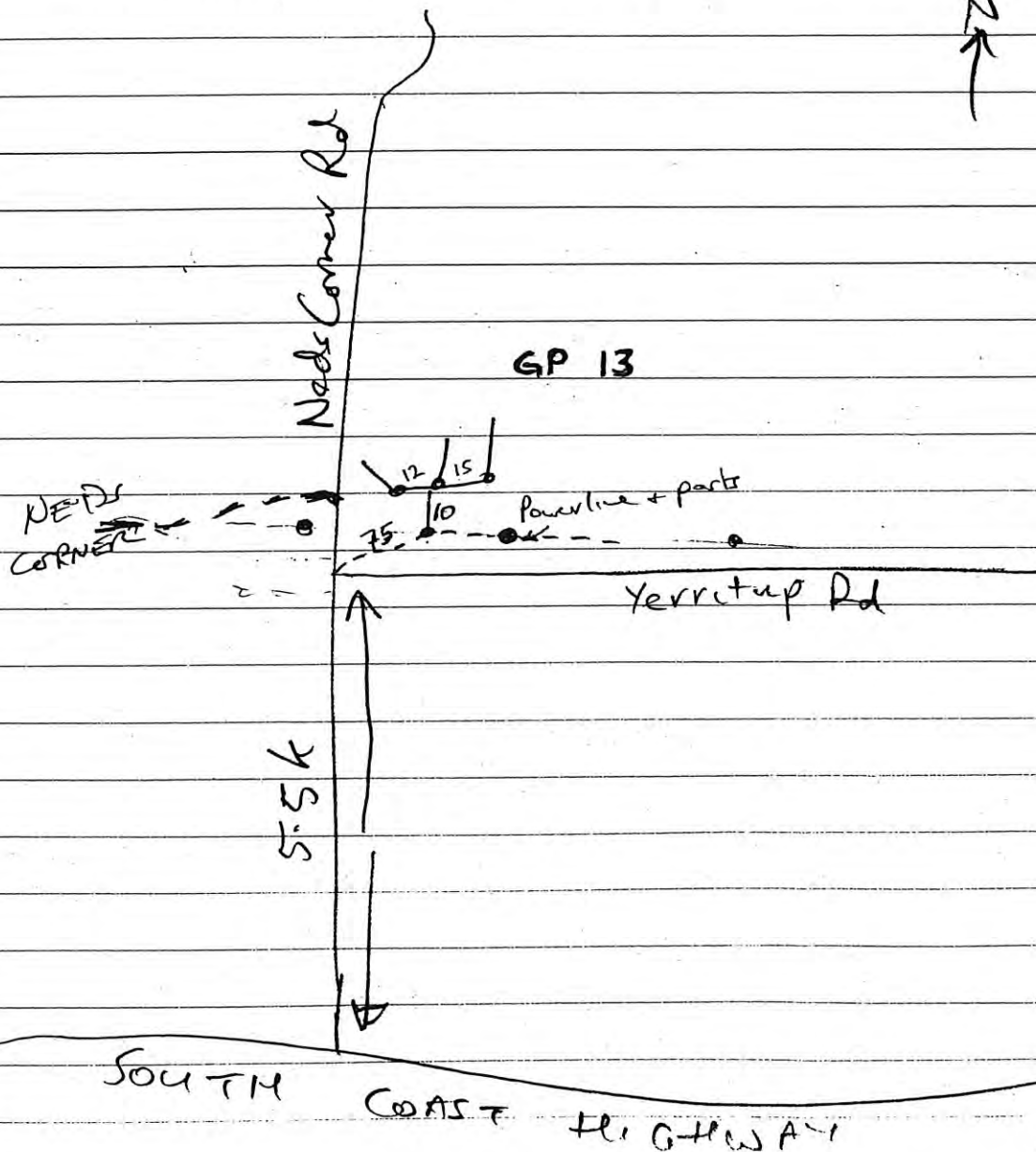
33" 43' 21.3"

121' 03' 56.1"

"Top" ~~Settles~~ Plantagenet Beds

Medium ^{grey brown} Sand to 30cm over ferricrete

Dryandra - Banksia - Xanthorrhoea - ^{Casuarina} ~~Flakea~~ / Shrubland + 1.5m
emergent Mallee 5m



AMG's

~~14)~~ 374508
6304293

~~15)~~ 310716
6328814

~~16)~~ 312927
6329066

~~17)~~ 332809
6330474

~~18)~~ 294008
6270510

~~19)~~ 296167
6273176

~~20)~~ 275838
6289349

~~21)~~ 276893
6291263

~~22)~~ 278168
6293459

~~23)~~ 293527
6305360

~~24)~~ 316472
6307462

~~25)~~ 373595
6318038