

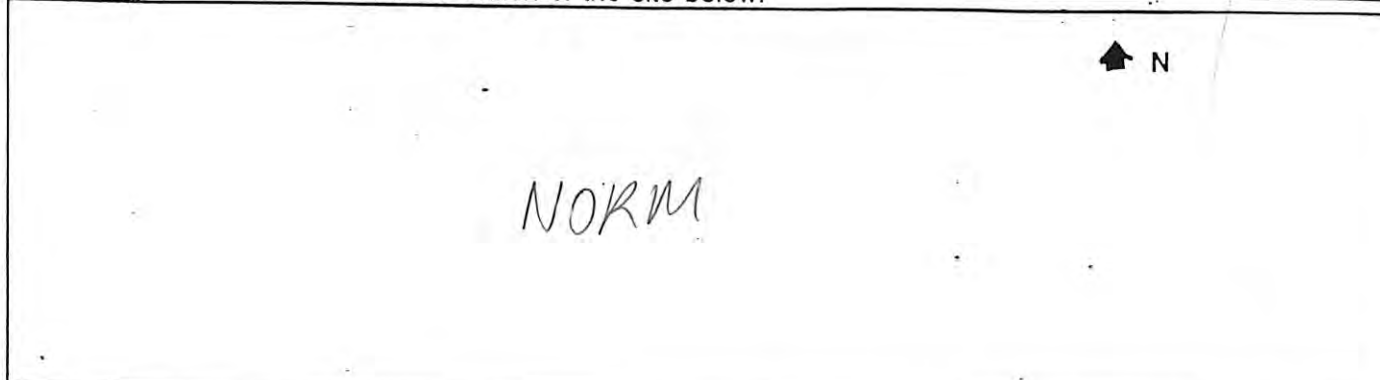
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA S.T SITE NUMBER 01
 DATE TRIP 11-6-1999 RECORDERS GK/NG
 DATE TRIP 19-10-1999 RECORDERS AW/GK/NG
 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.



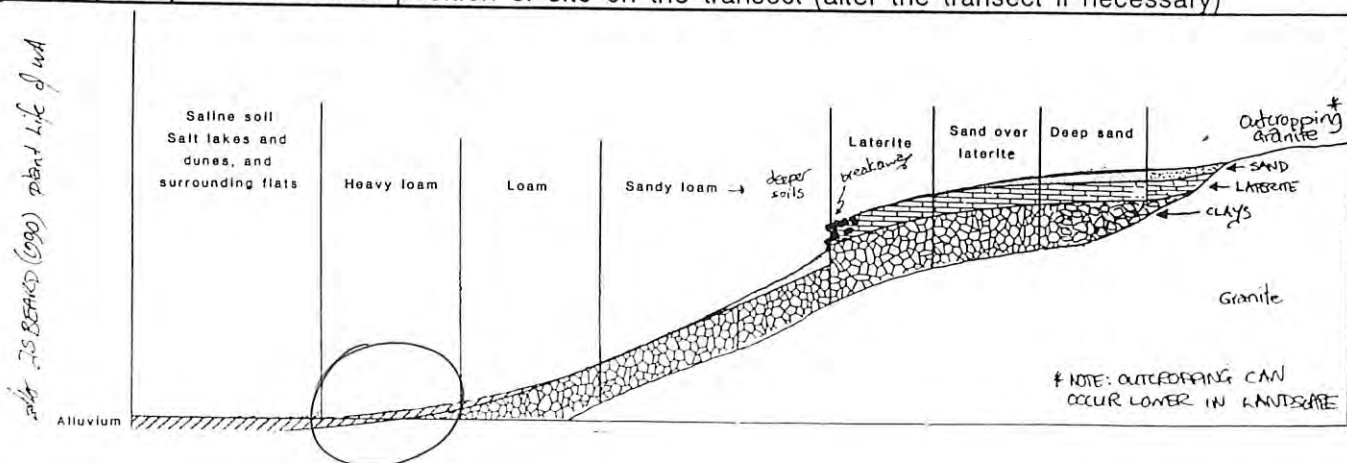
Road Location SALT RIVER RD / Cranbrook Water Supply

Geographic Location Latitude NORM S Longitude _____ E Altitude _____

Reference Map

Photograph _____ Photographer's Name _____ Photo No _____

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



2. SITE DATA Circle the correct response.

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

Surface Soil sandy clay Colour grey
 Exposed rock type _____ % surface _____

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

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

Litter lvs + wigs % cover 30/50 Bare Ground 30 %cover _____
 Depth: 2 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				
DOMINANT SPECIES	Euc. wandoo				
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2				30/70
DOMINANT SPECIES	Allocas lehman				Hakea tissot
					Davies trifl
					Calytrix
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	2-10	30/70		10/30	
DOMINANT SPECIES	Neracne alop	Borja sphar		Mesomel -styl	
		chamaex / gena		Harpria lateris	
		Stypand imb			

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

5. SPECIES PRESCENCE

SITE No ST 01

Date 11-6-1999

19-10-1999

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 3 flowering time- TICK if species flowering
- Column 4 identification check

name if required

Euc. occid

TREES	No	FI	ID	SHRUBS (cont.) 19/10/99	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. wandoo				X Bossiaea exocarpa				Conostylis aculeata			
				X Drosera macrantha				Stylidium pilifer			
				X Stylidium percell				Stawellia gymnoc			
				X Drosera menzies				19-10-1999			
				X Cassia micrantha				X Briza max			
				X Ophioglossum coriaceum				X opaculora vag			
MALLEES				X Thelymitra antennifera				X Schwetzia latiflora			
				X Haemodorum discolor				X Stylidium calcaratum			
				GRASSES				X Pterotocella latif			
				Newachne alopecur				X Awa caryophyll			
				X Stipa mollis (VSP)				X Stylidium leucom			
				19/10/99				X Podolepis irsonii			
SHRUBS				X Tricorne elation				SEDGES			
Allocas lehmanii				X Prasophyllum macrost/gale				Mesomelaena ses preissii (VSP)			
Calytrix tetragona (VSP)				X Diuris formosa/laxa				Horperia laterifl			
Hakea lissocarpa				X Thysanotus paterson				Schoenus sesquispiculus (VSP)			
Dodonaea humiliflora (VSP)				X Pterodromedus				Desmocladium asper			
Astroloma prostrat				X Trifolium campestre							
Allocasuarina micro				HERBS				X Epidosperma (Freel) sp. (VSP)			
Daviesia trifl				Styphandra imbricata				19-10-99			
Daviesia II				Bobbya sphaeroceph				X Drosera glanduligera			
Yuccadema caerulea				Laxmannia sessiliflora				X Siloxerus humif			
Dampiera saluta				Arthropodium capillip				X Podolepis tepp			
Hypodalympia angust				Patersonia occid				X Calceolaria aristata			
Gompholob knightian				Chaemalexera sena				X Hydolopsemum demiss			
Hibbertia commutata				Drosera				X Thelymitra drumm			
				Drosera				X Tribonanther long			
				Haemodorum sparsiflorum				X Levenhook pusill			
				Craspedia variabilis				X Thelymitra flexuos antennifera			
				Chaemascilla versicolor				X Roridula rosea			
				Drosera rostrulata				X Caladema (flavescens) spec			
				Conostylis setigera (VSP)							

X Xanthoria huegelii

X Thelymitra parvifl

X Gomphol marginat

X Thelymitra bathaniana

X Burchardia multiflora

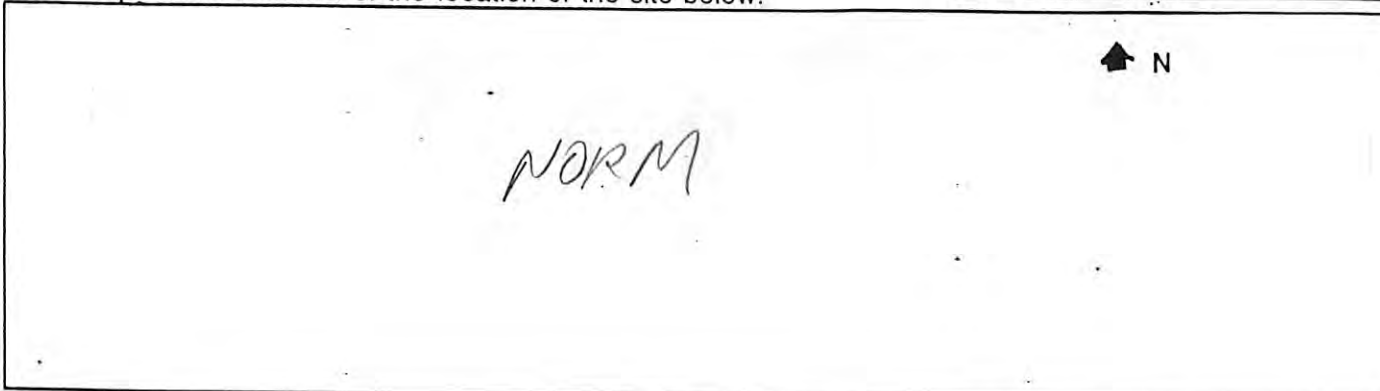
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER Ø2
 DATE TRIP 12-6-1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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.



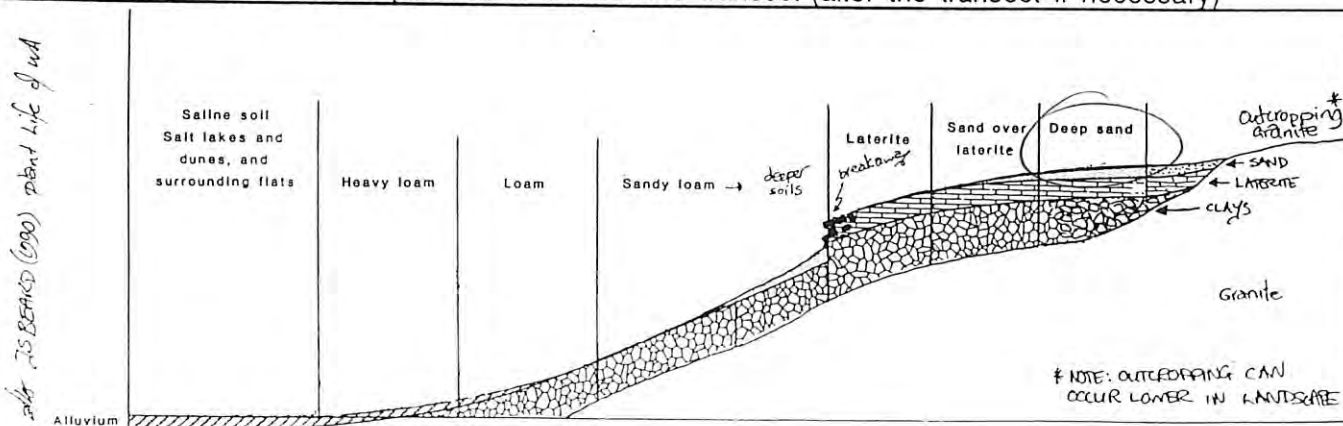
Road Location TENTERDEN NATURE RESERVE

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>sand</u>	Colour	<u>white</u>
Exposed rock	type _____ % surface _____		
Sub-surface Soil	<u>sand</u>	Colour	<u>white</u>
Rock	type _____ depth to rock _____		
Drainage	<u>well</u> mod poor depth water _____ cm	Wet	all year winter/spring
Litter	<u>lvs, twigs</u> % cover <u>30/50</u>	Bare Ground	<u>20/30</u> %cover
	Depth: <u>2</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.

For each layer record - appropriate life form, cover class (see below) and dominant species in each					
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. marginata</i>	<i>Banksia grandis</i>		
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2			30/70	10/20
DOMINANT SPECIES	<i>Jacksonia cf. laevis</i>			<i>Melaleuca thymifolia</i> <i>Franklinia laurifolia</i>	<i>Hypocalymma strictum</i> <i>Andersonia</i> <i>Calytrix flavida</i>
GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	2			10 30/70
DOMINANT SPECIES					<i>Lyginia barbata</i> <i>Scleria</i>

4. VEGETATION CONDITION

Comments

very good — good
dieback patches

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**

Banksia grandis

[illegible]

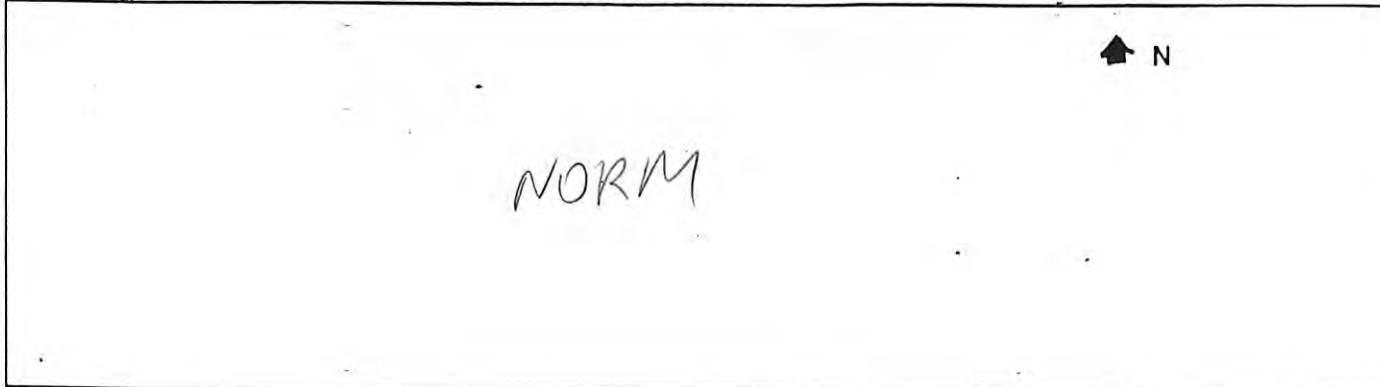
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 03
 DATE TRIP 12-6-1999 RECORDERS N/G
 DATE TRIP 19-10-1999 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

NORM / TENTERDEN RIR

Geographic Location Latitude

S Longitude

E Altitude

Reference Map

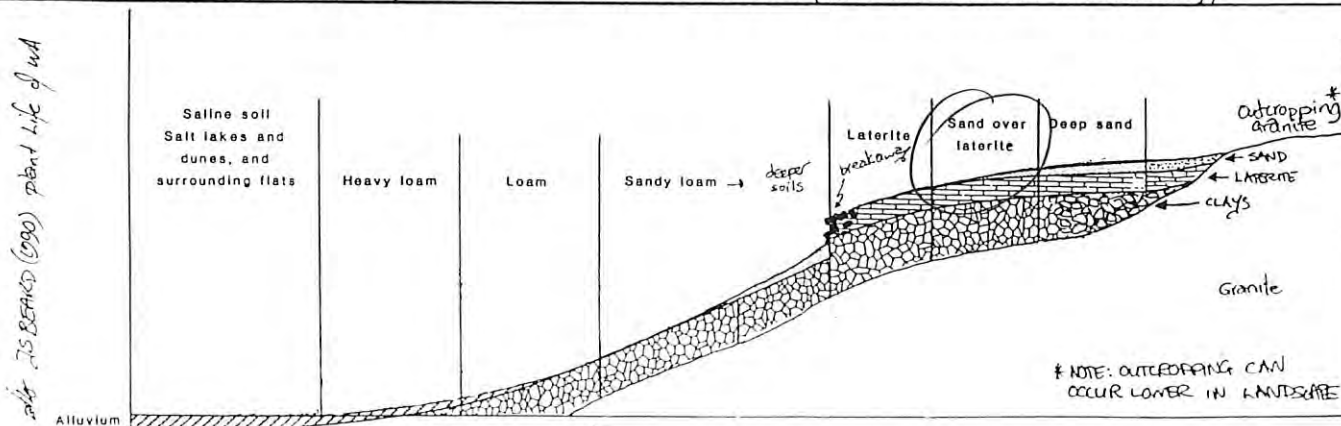
Photograph

Photographer's Name

NG

Photo No 11

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



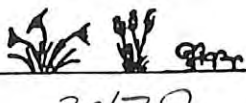
2. SITE DATA Circle the correct response.

Slope	<u>flat</u>	gentle	steep	Aspect	N	NE	E	SE	S	SW	W	NW
Surface Soil	<u>gravelly sand</u>							Colour	<u>brown</u>			
Exposed rock	type	<u>laterite pebbles</u>							% surface			
Sub-surface Soil	<u>laterite</u>							Colour				
Rock	type								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>10/30</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.

	TREES			MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	10/30				2-10
DOMINANT SPECIES	<i>Euc. major</i> <i>Euc. wandoo</i>				<i>Euc. decipiens</i>
	SHRUBS			SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					30/70
DOMINANT SPECIES					<i>Bossia erioc</i> 2m <i>Hibb. cunningg</i> <i>Hibb. montage</i> 1m <i>Hakea lissocarpa</i> <i>Brachysema praeem</i> <i>Trymalium ledif</i>
	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	2-10			30/70
DOMINANT SPECIES	<i>Neurachne alop</i>	<i>Chamaex serra</i>			<i>Trichostularia neesii</i> <i>Lept. Drumod fascic</i>

4. VEGETATION CONDITION

Comments

excellent

20x20

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

19-10-1994

same

* *Hypochaeris glabra* 19/10

[illegible]

compactum

✓ *H. blattii* sp. "living sepals"

- ✓ X *Conostylis* ~~off~~ *setigera* (hairy variant) (Use)
- X *Dioscorea* *macrantha* —
- X *Breza* *maxima* —

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 04
 DATE TRIP 9/6/1999 RECORDERS NG/GK
 DATE TRIP 18/10/1999 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.

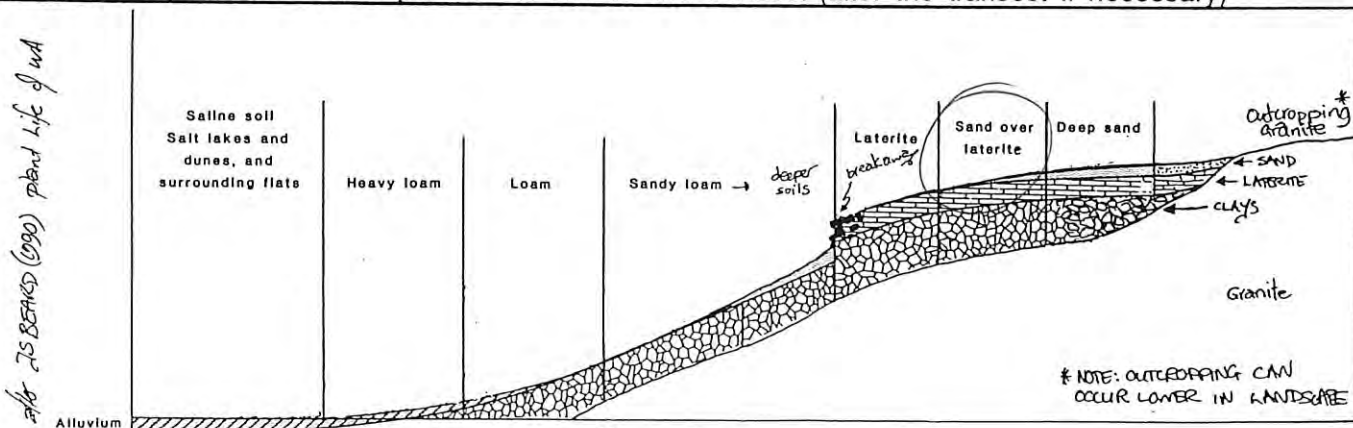


Road Location CAMEL LAKE NR

Geographic Location Latitude NORM S Longitude _____ 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 sand **Colour** cream
Exposed rock type _____ % surface _____

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

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

Litter twigs, lvs % cover 50/70 **Bare Ground** 30 %cover
 Depth 2-15 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.

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
DOMINANT SPECIES					Euc. teragonia
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10/30			30/50	10/30
DOMINANT SPECIES	Lambertia micrantha			Agrostis in ops	Bromia albigl Leucopogon gibb Andersonia
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	< 2			10/30
DOMINANT SPECIES		Drosera erythra			Lohnia Harperia latifolia

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

5. SPECIES PRESENCE

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

SITE No ST 04

Record on Sheet

Date 9-6-1999

18-10-1999

- 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.) 18/10/99	No	FI	ID
				Leucopogon conostroph			✓	X Jacksonia capitata			(usp)
				" gibbosa				X Elytranthera brunonis			
				" graciliflorus (usp)			✓	X Calytrix leschenaultii			
				" oxycedrus			✓	X Ptilotheca argenteopallium	11		(usp)
				Hakea nitida				X Darwinia vestita			
				Pronaya laseri				X Stylidium preissii			
MALLEES				Synaphea patularis				X Chaenactis serrulata			
Euc. tetragona				Goodenia caerulea				X Anagallis humilis			
				GRASSES				X Pimalea			
				Neurachne alopec				X Patersonia juncea			
				Amphipogon turbinat				X Pterochaeta panicul			
				Danthonia ()				✓ X Stylidium piliferum			
SHRUBS								X Verticordia habrantha			
✓ Lambertia inermis			✓					SEDGES			
✓ Petrophile squamata			✓					✓ Mesomelaena preissii			
✓ Pezomachus linops			✓					Harperia lateriflora			
✓ Bromelia atropurpurea			✓					✓ Bathnia anisotrylla (usp)			
✓ Lysinema ciliatum			✓					✓ Desmodium flexuosum (usp)			
✓ Leucopogon gibbosus succulatus			✓					✓ Lepidosperma angustisquamata			
✓ Pultenaea verrucosa			✓					1 SPAL Fleck			
✓ Acacia biflora				HERBS ericifolia				Schoenus efoliatus			
✓ Cassytha pubescens				Conostylis setigera				4 sp			
" glava				Stylidium repens				✓ Tricostularia nagesii			
✓ Crypanthra huegelii				Dioscorea erythrorhiza				✓ Dampiera sacculata			
✓ Calothamnus crassus huegelii				Pterostylis vittata				✓ Kunzea micromera			
✓ Dryandra cataphylla pteridifolia				Dioscorea menziesii							
" serra				" macrantha							
✓ Andersonia caerulea				parvifolia							
✓ Dryandra tenuifolia var. tenuifolia (usp)											
✓ Petrophile media											
✓ Beaufortia ? incana											
✓ Allocas. thuyoides (usp)											
✓ Verticordia habrantha											

Acacia maxwellii 18/10/99

✓ Verticordia subulata (usp) 18/10/99

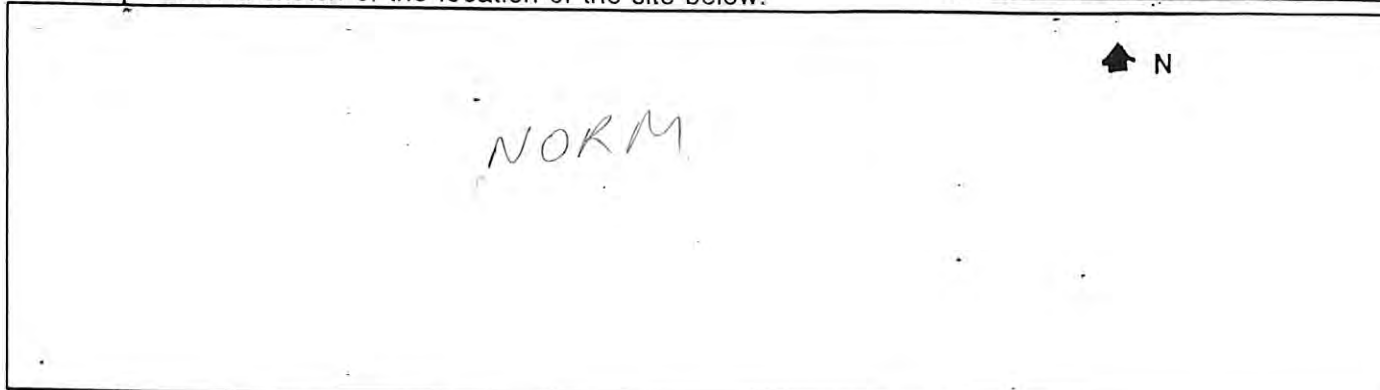
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA S.T SITE NUMBER 05
 DATE TRIP 11-6-1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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.



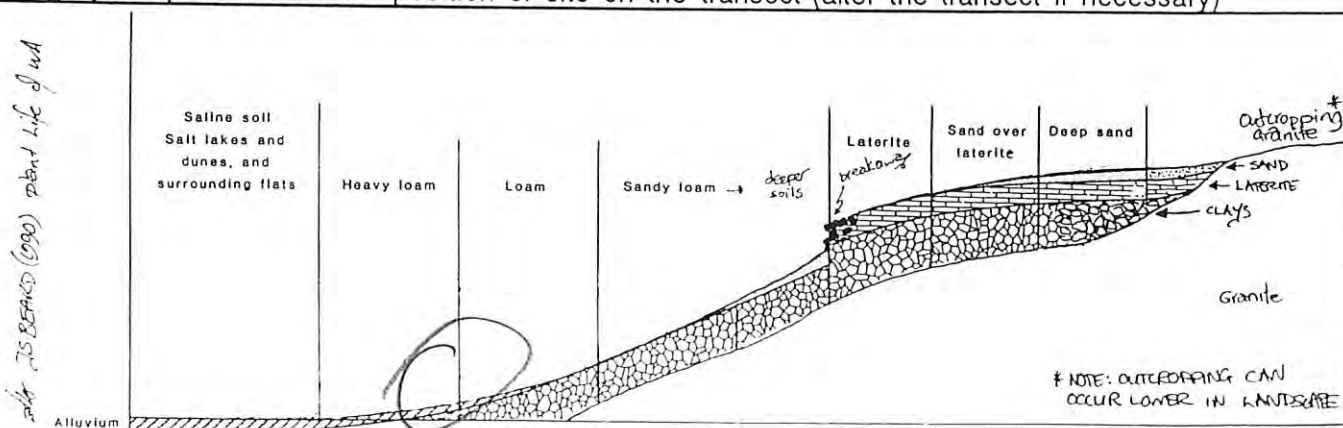
Road Location SALT RIVER RD

Geographic Location Latitude NORM S Longitude _____ E Altitude _____

Reference Map

Photograph Photographer's Name NG Photo No 8

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



2. SITE DATA Circle the correct response.

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

Surface Soil sandy loam Colour brown
 Exposed rock type _____ % surface _____

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

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

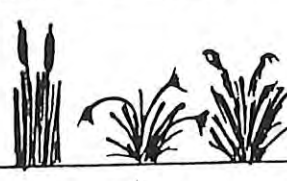
Litter NG, fungi, stems % cover >90 Bare Ground 0-10 %cover
 Depth: 2-15 cm

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 (%)	40 30/70				
DOMINANT SPECIES	Eucalyptus Eucalyptus				
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 (%)	30/70	?	30/70		
DOMINANT SPECIES	Poa poiform Danthonia Avena		Isolopis nodosa Juncus		

4. VEGETATION CONDITION

Comments

very good

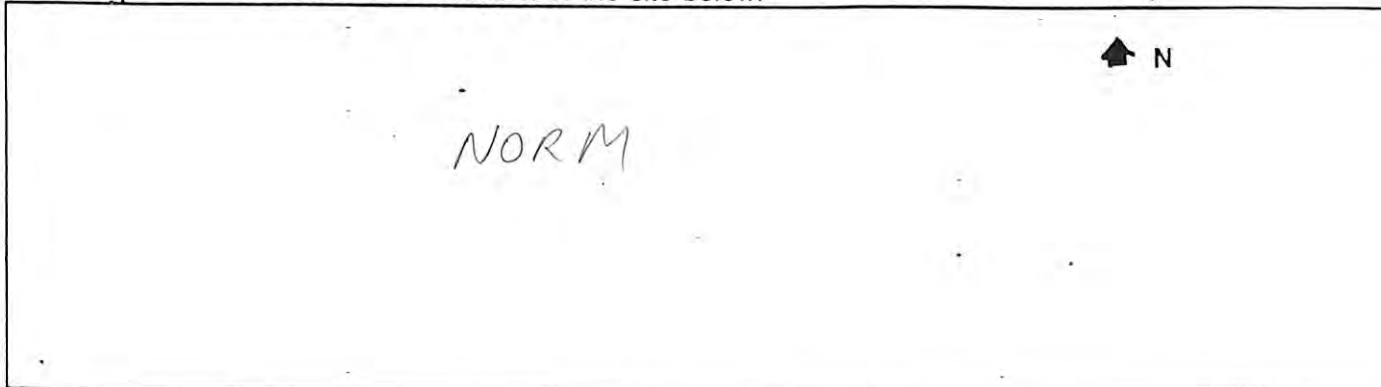
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA S.T SITE NUMBER 06
 DATE TRIP 11-6-1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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.

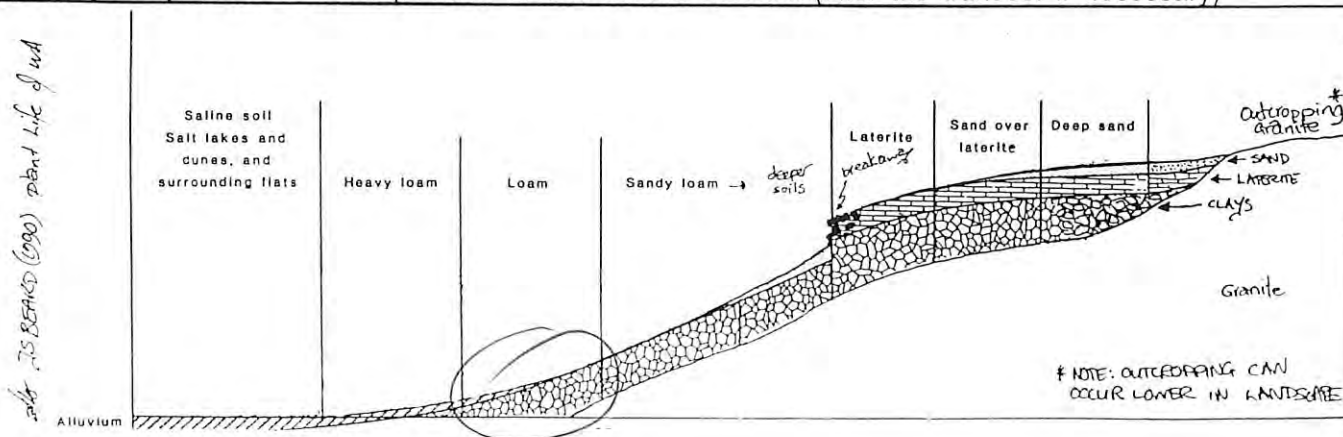


Road Location X+11 Farnby St Rd and Salt River Rd

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

Photograph _____ Photographer's Name NG Photo No 9

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 red-brown
 Exposed rock type _____ % surface _____

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

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

Litter bark, twigs, VS % cover 30/50 Bare Ground 30 (% cover)
 Depth: 0-2-5 cm

$$20 \times 20$$

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**

Eus. occidentalis

				Column 4	Identification	check						
TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	18/10/99	No	FI	ID
Eucalyptus loxophleba	/	/	.				/	X Aira coryophylla	/			
								X Ptilotus mangles	/			
								X Banya sphaeroe	/			
								X Trifolium campestre	/			
								X Petalostemum podolepis lessonii	/			
								X Cassia micrantha	/			
MALLEES							/	X Isoplexis marginata	/			
								X Erodium cicutarium	/			
				GRASSES				X Oxalis premnans	/			
				Nerachne alopecuroid	/			X Drosera macrantha	/			
				Avena barbata	/			X Briza minor	/			
SHRUBS				Danthonia	/		/	X Drosera glanduligera	/			
Acacia acuminata	/			Stipa trichophylla	/			X Centrolepis drummondii	/			
				Bromus hordeaceus	/			SEDGES				
								Jahnia aristata	/			
								Desmodium asper	/			
								18-10-1999				
				HERBS				X Centrolepis drummondii	/			
				Oxalis premnans	/		/	X Drosera subhirtella	/			
				Trifolium angustif	/			X Vicia australis	/			
				Arthropodium capillipes	/			X Crassula sieberiana	/			
				Hypochaeris glabra	/			Thelymitra macrophylla	(usp)			
				Ursinia anthem	/							
				Potentilla latifolia	/		/					
				Ursinia anthem	/							
				Romulea rosea	/							
				Thysanot paterson	/							
				Lomandra micrantha	/							
				- il - effusa	/							

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 07
 DATE TRIP 9/6/1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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.



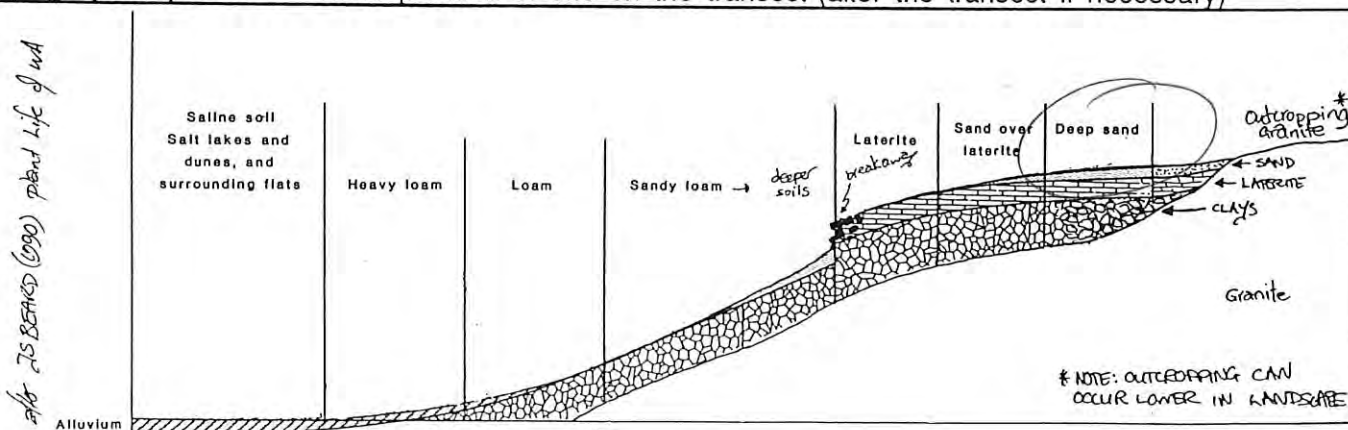
NORM

Road Location CAMEL LAKE NR

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

Photograph Photographer's Name NG Photo No 25

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



2. SITE DATA Circle the correct response.

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

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

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

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

Litter lvs, twigs % cover 50/70 Bare Ground 30/50 %cover _____
 Depth 0 2-10 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>Banks. attenuata</i>		

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2		30/70		2-10
DOMINANT SPECIES	<i>Leptosperm. erub</i>		<i>Eremaea. paucifl</i> <i>Adenanth. cyn</i> <i>Mel. thym</i>		<i>Stirlingia latifol</i> <i>Calytrix angul</i>

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	L2	2			10/30
DOMINANT SPECIES	<i>Amphip. turb</i>	<i>Drosera eryth</i> <i>Conostylis alba</i>			<i>Schoenus -efol</i> <i>Tetrastichia neesii</i> <i>Lyginia barb</i>

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

18-10-1999

[illegible]

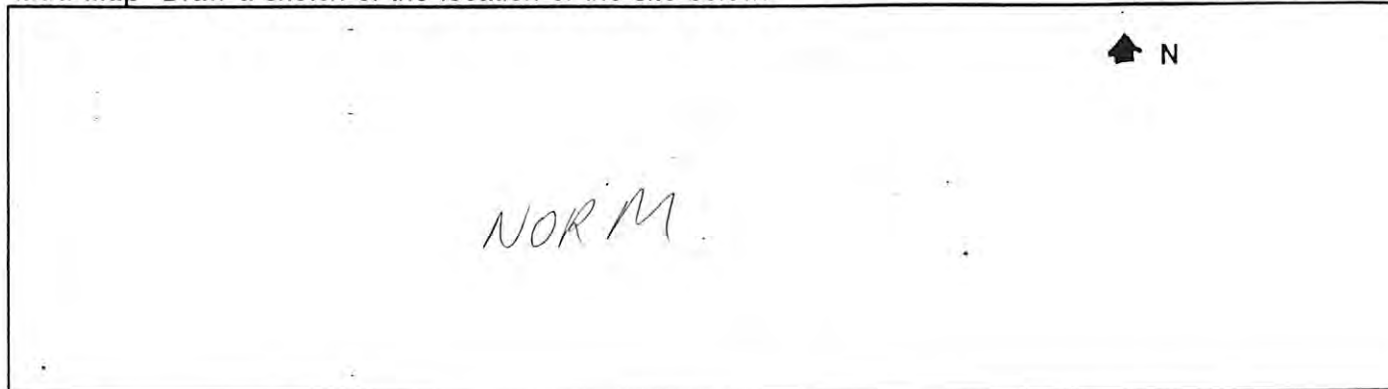
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 08
 DATE TRIP 9/6/1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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.

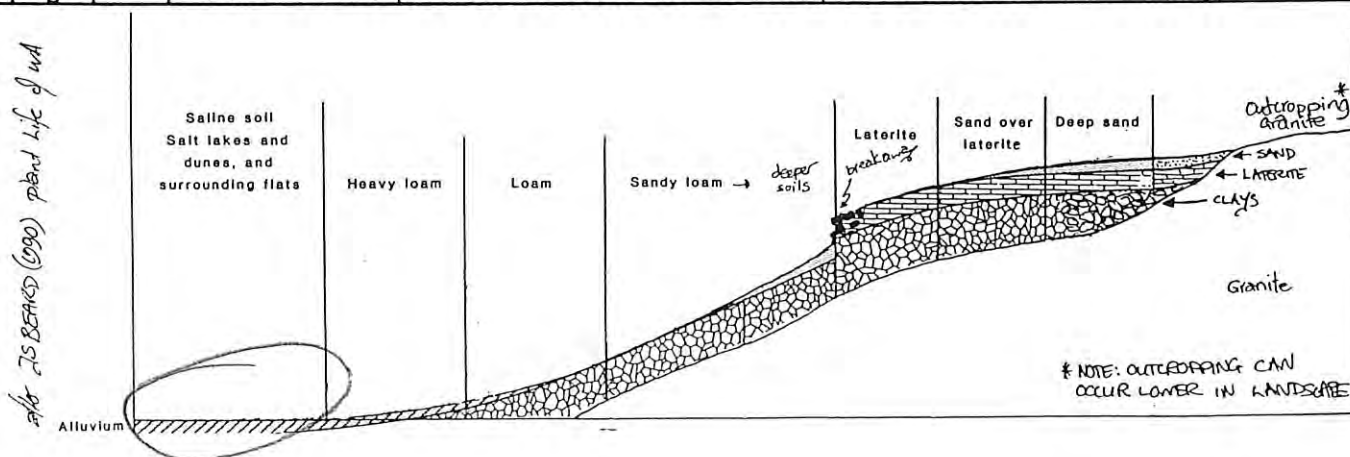


Road Location CAMEL LAKE NR

Geographic Location Latitude NORM 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 grey
 Rock type - >1m depth to rock >1m

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

Litter twigs % cover 30/50 Bare Ground 50/70 %cover
 Depth 2 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.

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 (%)					30/70
DOMINANT SPECIES					Halos. haloc Lawrencea squam Disphyma clavell
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	12	10/30			12
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

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

SITE No ST 08

Record on Sheet

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

Date 7-6-1999

18-10-1999

• Column 4 Identification check											
TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								X <i>Aira caryophyllaea</i>			
								X <i>Isotoma scapigera</i>			
								X <i>Sebala ovata</i>			
								X <i>Caulolepis hamilliana</i>			
								X <i>Senecio glossanth</i>			
								X <i>Paraphlois incurva</i>			
								X <i>Lynephosis "bobble" = Hydrocotyle</i>			
MALLEES								X <i>Hydrocotyle mucronata</i>			(VSP)
				GRASSES				X <i>Cotula bipinnata</i>			
				X <i>Agrostis avenae</i> Neesii				X <i>Eremophyllum racem</i>			
								X <i>Pogonollespis</i>			
SHRUBS								X <i>Calcecephalus</i>			
<i>Halosarcia halocnem</i>								X <i>Triglochin mucronat</i>			
<i>Lawrencia squamata</i>								SEDGES			
<i>Disphyma clavellat</i>								X <i>Schismus: Asellina medellii</i>			
<i>Wilsonia rotundif</i>								X <i>Hypochaeris</i>			
								X <i>Brachycome pinnatifida</i>			(VSP)
								X <i>Phyllanthum sulcatum</i>			
				HERBS				X <i>Hydrocotyle medicaginoide</i>			
				<i>Cotula cotuloides</i>				X <i>Triglochin minutiss</i>			
								X <i>Caulolepis polygona</i>			
								X <i>Anemone pulsatilla</i>			
								X <i>Polypogon tenellus</i>			
								X <i>Bromus hordeaceus</i>			
								X <i>Stipa pennata</i>			
								X <i>Dianthus barbatus</i>			
								<i>Anemone pulsatilla</i>			

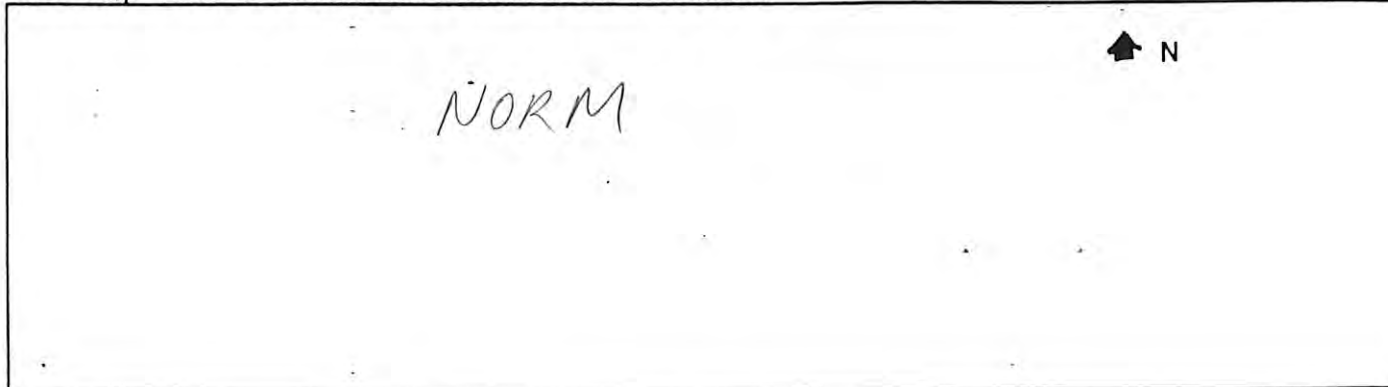
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 09
 DATE TRIP 2-6-1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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.



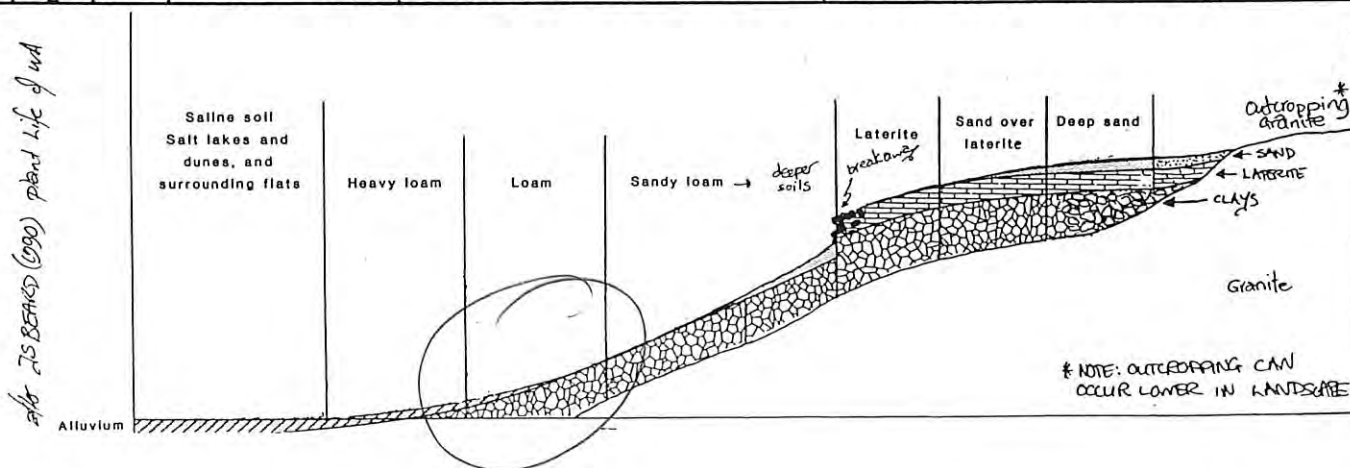
Road Location Anderson Lake NR

Geographic Location Latitude NORM 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 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 low % 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

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					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					30/70
DOMINANT SPECIES					
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			Melaleuca thuyoides. Daviesia benthii/lacanth Mel. uncin		Melaleuca Hibbertia enrija Grevillea paucifl
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	2			2-10
DOMINANT SPECIES					Gahnia aristata

4. VEGETATION CONDITION

Comments

excellent

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 10
 DATE TRIP 9-6-1999 RECORDERS NG/GK
 DATE TRIP 18-10-99 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.



NORM

Road Location

ANDERSON LAKE NR

Geographic Location Latitude

S Longitude

E Altitude

Reference Map

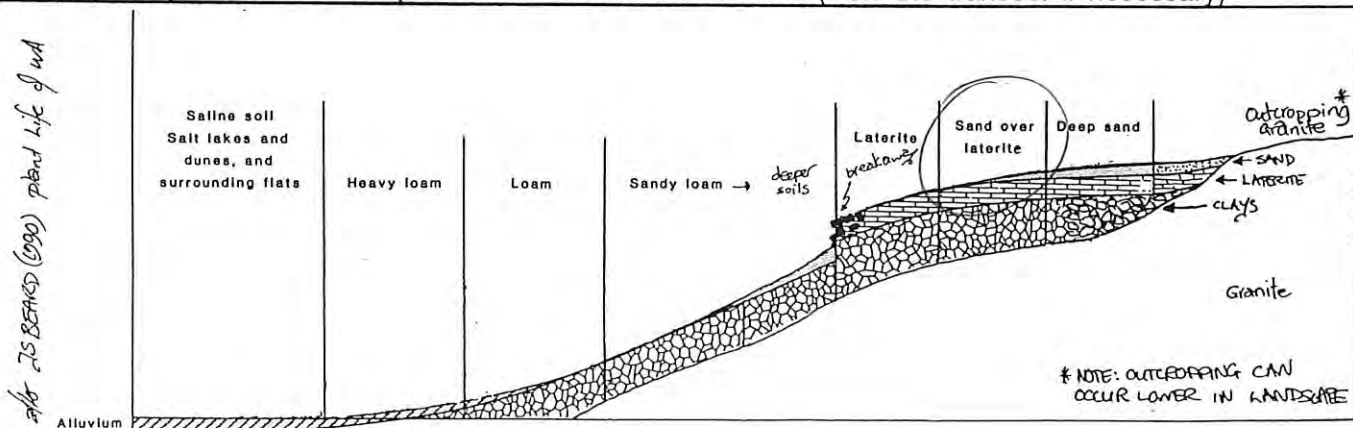
Photograph

Photographer's Name

NG

Photo No 29/30

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	<u>lateritic sand</u>							Colour	<u>brown</u>			
Exposed rock	type							% surface				
Sub-surface Soil	<u>lateritic sand</u>							Colour				
Rock	type							depth to rock				
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet	all year	winter/spring				
Litter	<u>100% twigs, lvs</u>		% cover	<u>30/50</u>		Bare Ground	<u>30/50</u>		% cover			
Depth	<u>2-20</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					
COVER CLASS (%)	10/30				
DOMINANT SPECIES	<i>Euc. nigrofand</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>Mel. uncin</i> <i>Leptos rub</i> <i>Melal pauper</i>			<i>Gastol. parvif</i> <i>Phyb. tuberc</i> <i>Acac leptosp</i>	
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	2-10			2-10	
DOMINANT SPECIES	<i>stipa</i>			<i>lepidosperma</i>	

4. VEGETATION CONDITION

Comments

v. good — excellent
gravel mining in area
old fire

Tree, 15m, base showing dk brown base 1-3m, flaky
rest smooth brown, glaucous lvs

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20420

5. SPECIES PRESCENCE

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

SITE No ST 10

Record on Sheet

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

same

Date 89-6-1999

14-10-1999

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 11
 DATE TRIP 11-6-1999 RECORDERS NG/GK
 DATE TRIP 19-10-1999 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.



NORM

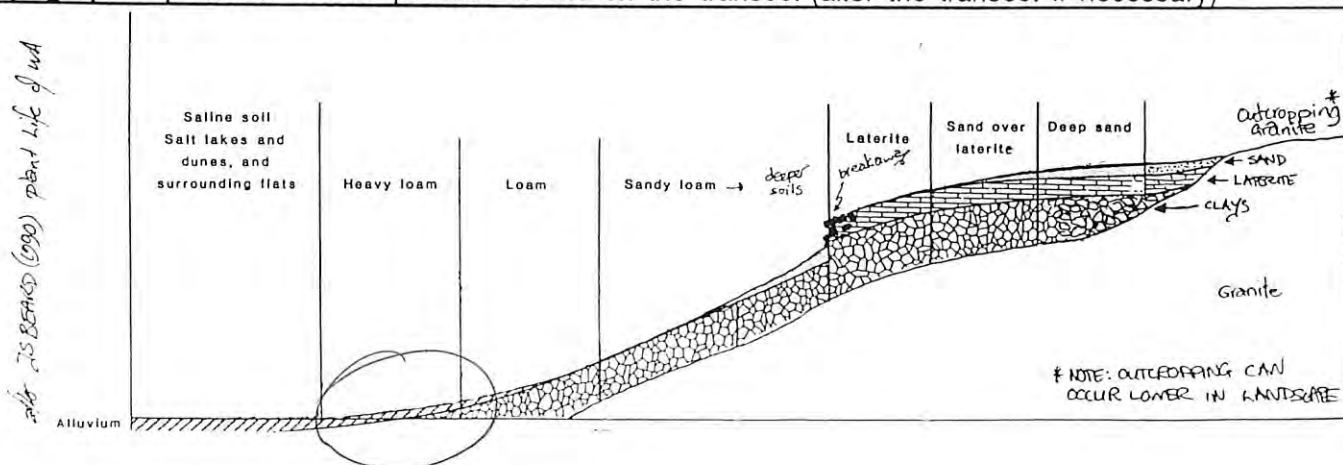
Road Location WANSBOROUGH NR

Geographic Location Latitude _____ S Longitude _____ E Altitude _____

Reference Map

Photograph _____ Photographer's Name NG Photo No 5

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-loam Colour brown

Rock type _____ depth to rock >1

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

Litter dead anns, lvs _____ % cover > 70/90 Bare Ground <10 %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.

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 (%)	2-10				
DOMINANT SPECIES	<i>Euc. wandoo</i>				
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					10-30
DOMINANT SPECIES					<i>Acac. lasiocarpa</i> <i>Sollya</i>
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	70/90	30/70			10/30
DOMINANT SPECIES	<i>Briza max</i> <i>Avena barbata</i> <i>Stipa teretif</i>	<i>Romulea rosea</i> <i>Dianella brevif</i> <i>Lom micrantha</i>			<i>Lepidosperma</i>

4. VEGETATION CONDITION

Comments

- Trees in poor condition - dying
- salt

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20X20

5. SPECIES PRESENCE

SITE No ST 11
Date 11-6-1999
19-10-1999

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

Euc. occidentalis ✓

TREES				SHRUBS (cont.) 19/10/99				HERBS (cont.) 19/10/1999			
No	FI	ID		No	FI	ID		No	FI	ID	
			X					X			Eutaxia microphylla (VSP)
			X					X			Ptilotus manglietii
			X					X			Crotophaga variabilis
								X			Jelleia trinervis
								X			Proentocella latif
								X			Linum marginale
								X			Trifolium (dubium)
								X			Ehrharta longifl
								X			Anagallis arvens
								X			Ursinia anthem
								X			Gynandris setitol
								X			Aphelia drumm
								X			Hydrocotyle Apium annuum
											SEDGES
								X			Lepidosperma drummondii (VSP)
								X			Desmodium asper
								X			Chahnia aristata luncisophylla (VSP)
								X			Lepidosperma squaratum (VSP)
											19/10/99
								X			Ehrharta calycina
								X			Bromus diandrus
								X			Drosera menziesii nary
								X			Lolium
								X			Schoenus nanus
								X			Centropus aristata
								X			Gnaphosis drummondii (VSP)
								X			Centropus polygynus
								X			Cyperus tenellus (V)
								X			Schoenus 2 pennatus odontocarpus (VSP)
								X			Isolopis cernua
								X			Romulea rosea

Schoenus sculphus 19/10.

Billardiera 2 drummondii (glabrous) (VSP)
19/10

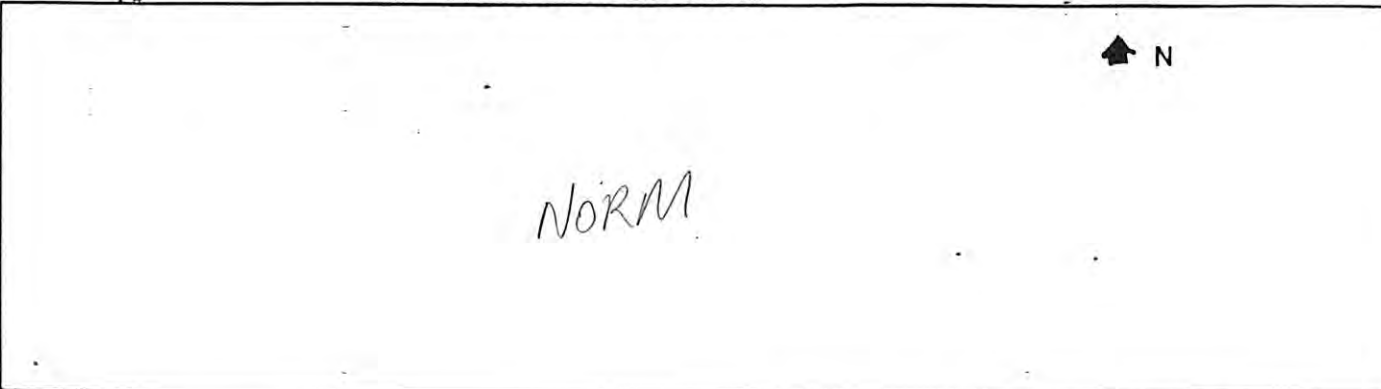
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 12
 DATE TRIP 11-6-1999 RECORDERS NG/GK
 DATE TRIP 19-10-1999 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.

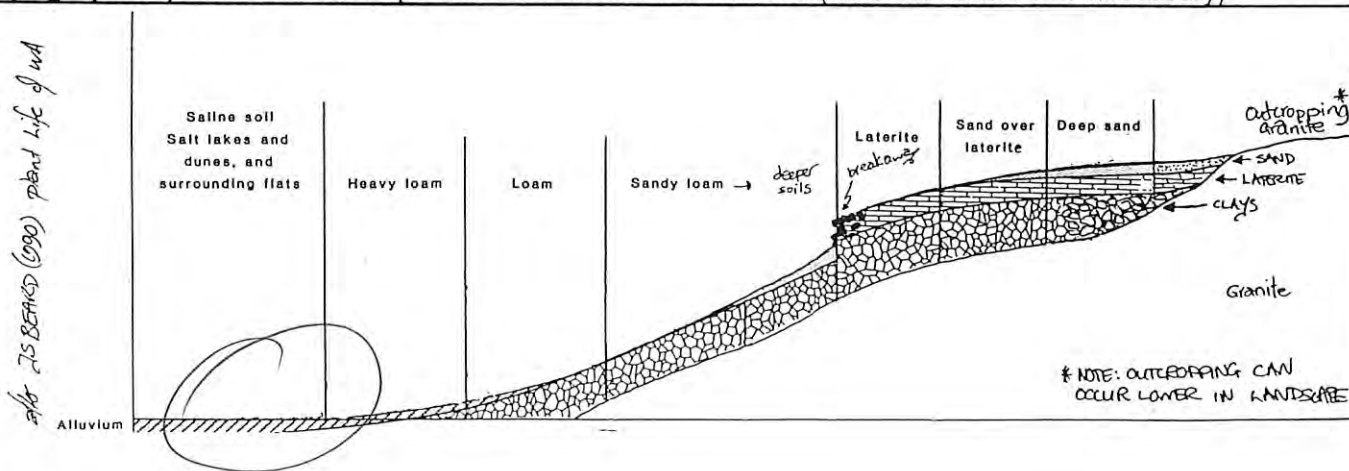


Road Location EUREKA RD / Peringillup NR

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

Photograph _____ Photographer's Name NG Photo No 4

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 clay Colour brown
 Rock type _____ depth to rock >1m

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

Litter 10% old animals % cover 70 Bare Ground 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			(many dead)  		
COVER CLASS (%)	2/10		2-10		
DOMINANT SPECIES	Euc. dead (mostly dead)		Ac. acumin Alloc. huegel		

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 (%)	30/70	30			2-10	
DOMINANT SPECIES	Stipa teretif Neritochloa alop	?			Desmodium asper	

4. VEGETATION CONDITION

Comments

salted

20x20

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

Mel. pre

19. = 10 - 1999

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

Mel. preissiana

[illegible]

✓ Crassula erecta 19/10

Triglochin acutissimum ssp. acutissimum 161

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA STIRLING SITE NUMBER ST 13
 DATE TRIP 16-10-2000 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.



*On database need location
 Lats + Longs*

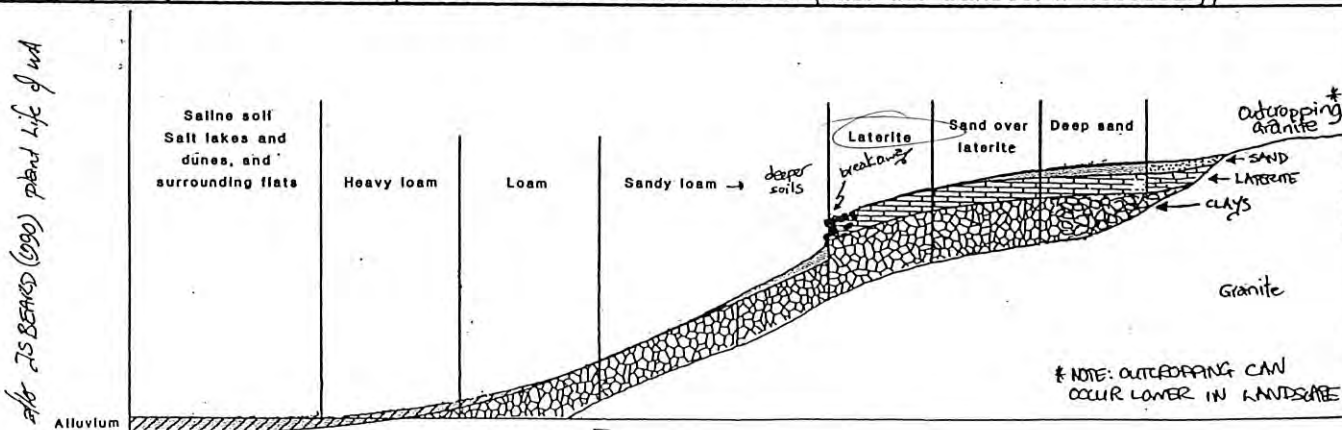
Road Location

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	lateritic sandy clay							Colour	brown			
Exposed rock	type							% surface				
Sub-surface Soil	lateritic clay							Colour	brown			
Rock	type ? granite							depth to rock	? > 1m			
Drainage	☒ well	☐ mod	☐ poor	depth water	cm	Wet	all year		winter/spring			
Litter	twigs, toys			% cover	100			Bare Ground	☒	%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.

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 (%)		>70	2-10				
DOMINANT SPECIES		<i>Allocas hueg</i>	<i>Acacia acum</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>Leptosp rubes</i> <i>hastol. spinos</i>			<i>Dodonaea humifusa</i>		
GRASSES		HERBS		SEDGES			
				over 0.5m	under 0.5m		
LIFE FORM						1m	
COVER CLASS (%)	2-10	<2					
DOMINANT SPECIES	<i>Neurachne alop</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 ST 13

Record on Sheet

Date 16-10-2000

- 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
<i>Allocasuarina huegelii</i>								<i>Caladenia flava</i>			
<i>Acacia acuminata</i>								<i>Wahlenbergia</i>			
								<i>Podolepis gracilis</i>			
								<i>" " " " " "</i>			
								<i>Daucus glochid</i>			
								<i>Thysanotus tenellus</i>			
								<i>Rutidosia multiflora</i>			
MALLEES								<i>Levenhookia pusilla</i>			
				GRASSES				<i>Millotia tenuiflora</i>			
				<i>Marachne alopecurus</i>				<i>Goodenia micrantha</i>			
								<i>Ulobelia (red lvs)</i>			
				<i>Briza maxima</i>				<i>Aphelia drummondii</i>			
SHRUBS				<i>Austrostipa elegant</i>				<i>Schoenus nanus</i>			
<i>Leptospermum scrub</i>				<i>Aira leucophylla</i>				SEDGES			
<i>Stockhosia monog</i>				<i>Austrodanthonia</i>				<i>Lepidosperma leptostachya</i>			
<i>Dodonaea humiflora</i>											
<i>Calytrix tetragona</i>				HERBS				<i>Drosera glandul</i>			
<i>Gastrolobium spinos</i>				<i>Lagenicera huegel</i>				<i>Eriochilus dilat</i>			
<i>Astroloma compactum</i>				<i>Oursinia (anthem)</i>				<i>Tricoryne elatior</i>			
<i>Hakea undulata</i>				<i>Caladenia dilatata foliata</i>				<i>Gonocarpus rostr</i>			
				<i>Anagallis arvensis</i>							
				<i>Phyllanthium parado</i>							
				<i>Chamaescilla versicolor</i>							
				<i>Poranthura microp</i>							
				<i>Rhodanthe laevis</i>							
				<i>Plennospora drumm</i>							
				<i>Thysanotus paterson</i>							
				<i>Borvia sphaerocarpa</i>							
				<i>Waitzia laevis</i>							
				<i>Diastella revo</i>							

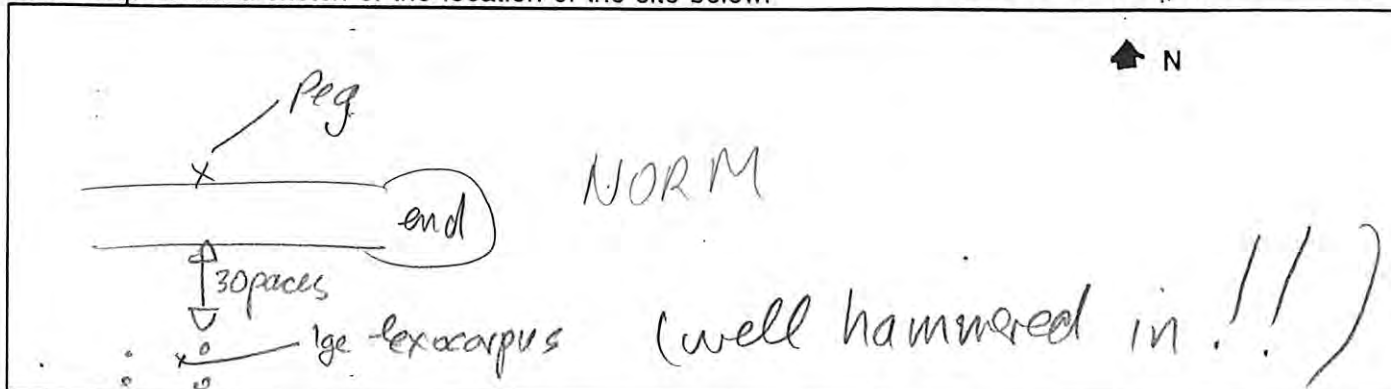
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 14
 DATE TRIP 9-6-1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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.



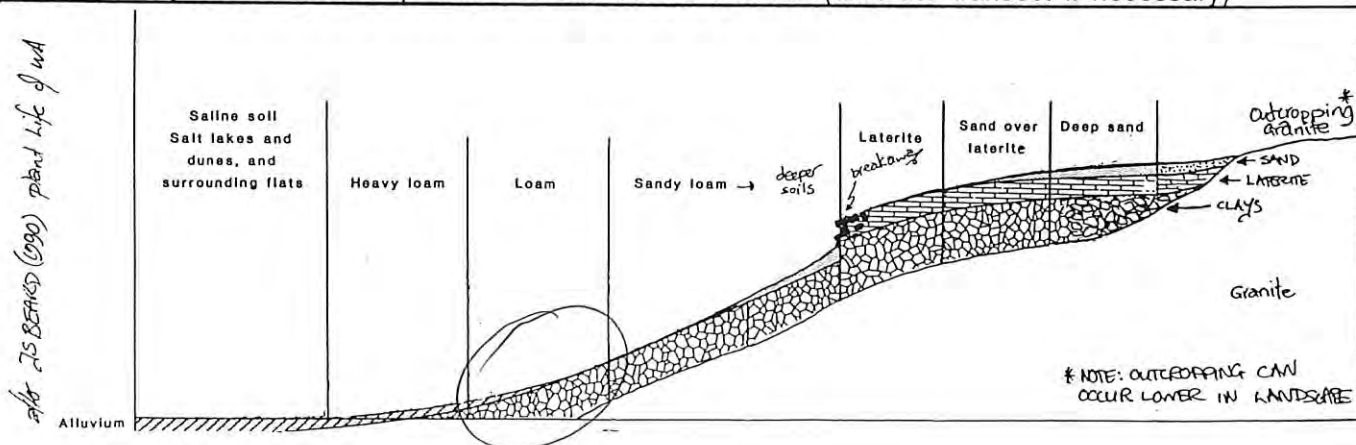
Road Location CAMEL LAKE NR

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 type sandy clay Colour grey
 Exposed rock type _____ % surface _____

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

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

Litter lvs, twigs, stems % cover 30/70 Bare Ground 30/50 % cover _____
 Depth 2-5 cm

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

3. VEGETATION STRUCTURE AND COVER

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.

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	L2			2-10	L2
DOMINANT SPECIES	Exocarpus spart			Regelia inops	

GRASSES		HERBS		SEDGES	
	over 0.5m			over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	30/70	2-10	10/20		
DOMINANT SPECIES	Stipa teretif	Podol. cap Lom. mic. teretif	gahnia trifida		

4. VEGETATION CONDITION

Comments

excellent

Eu. ~~3/4~~ 2-4m

lvs glaucous—green flaking in long strips.
stem smooth grey—brown.

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 5T 14

Record on Sheet

- Column 1 plant name

- **Column 2** **plant number**

• Column 3 flowering time- TICK if species flowering

• **Column 4** identification check

Date 9-6-1999

14-10-1999

				• Column 4 Identification check							
TREES	No	FI	ID	SHRUBS (cont.) 10/10/99	No	FI	ID	HERBS (cont.) 10/10/99	No	FI	ID
				X Vellera trinervis				X Brachycome hermannii			
				X Poretuella latifolia				X Stylidium calceat			
				X Caladenia (sterile)				X Airla caryophyllas			
				X Triglochin minutissima				X Hydrocotyle celicarpa			
				X Vellera myuros				X Siloxerus humilis			
				X Verticordia densiflora				X Centropus aristata			
				X Caladenia flava				X Hyalospermum demiss			
				X Arctotheca calendula				X Galium murale			
MALLEES				GRASSES				X Stylidium innund			
Euc. lyalliana ecdysietes				Stipa teretifolia				X Drosera glandulig			
								X Leventicola pusilla			
								X Blennospora drummond			
SHRUBS											
Regelia inops								SEDGES			
Exocarpus spartens								Lignia : stipitata trifida			
Leptospermum rubesc								Harperia lateriflora			
				HERBS				18/10/99			
				Pterostylis vittata				X Aphelia cyperoides			
				Lomandra micrantha terfif				X Orsula pericallosa			
				Hypochaeris glabra				X Aphelia drummond			
				Podolepis capillans				X Citendia filiform			
				Lepurella limb				X Thysanot paterso			
				Centaurium erythraea				X Anagallis arvensis			
				Drosera bulbosa				X Trachymene pilosa			
				" macrantha				X Centropus polygyn			
				Pterochaeta pannicul				X Helictotrichum leucopis d			
				Thysanot pat/mangl				X Theliphaea diffusa			
								X Gnephosis drummondii			
								X Phyllanthum ? farctoderm			
								X Danthonia			
								X Centropus pilosa			

✓ *Asellaria m. bellii* 18/10. ✓

X calytrix ³ ~~lesdenianii~~ ¹ ~~McIllochia tenuiflora~~
 X goodenica ¹ ~~puberula~~ ² ~~Brachyura~~ ³ ~~herpifolia~~
 puberula ¹ ~~sub~~ ² ~~Whitthall~~ ³ ~~(V.S.)~~

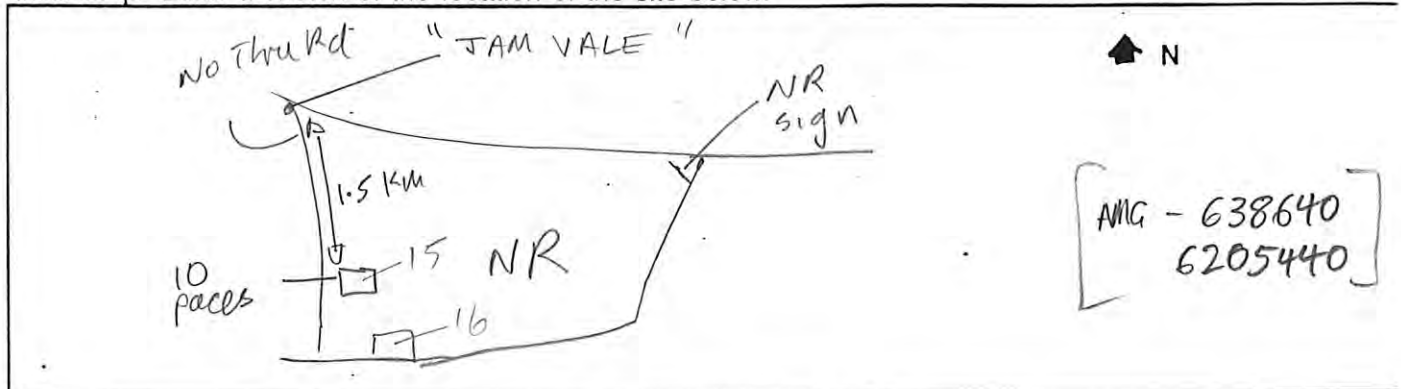
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA S.T SITE NUMBER 15
 DATE TRIP 10-6-1999 RECORDERS NG/9K
 DATE TRIP 18-10-1999 RECORDERS AW/NG/9K
 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.

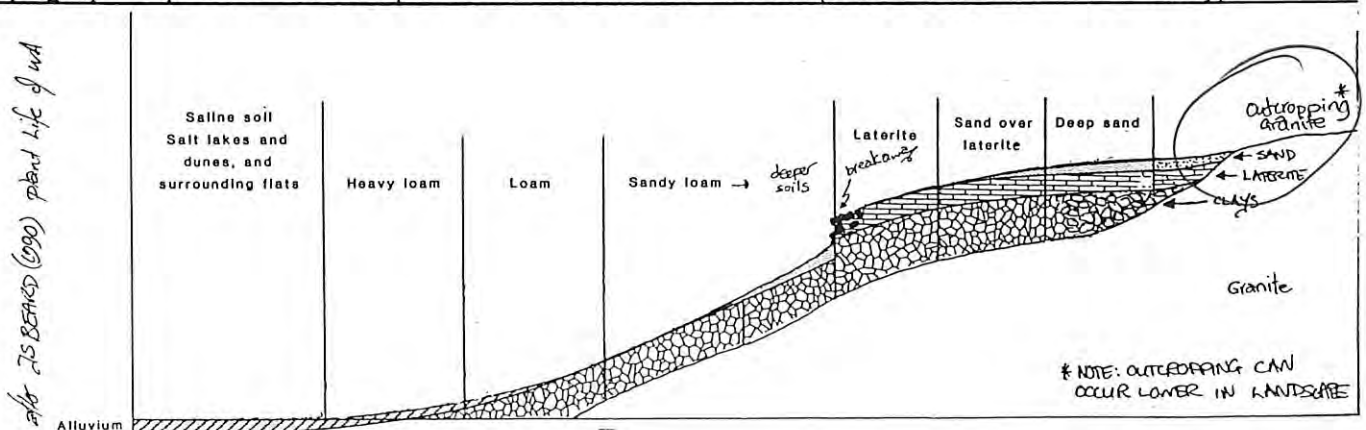


Road Location Groote "Jam-Vale" NR

Geographic Location Latitude 34 16 58.3 S Longitude 118 30 22.4 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 gentle steep Aspect N NE E SE S SW W NW
 Surface Soil loam Colour brown
 Exposed rock type _____ % surface _____
 Sub-surface Soil loam Colour brown
 Rock type granite depth to rock 0-50cm
 Drainage well mod poor depth water _____ cm Wet all year winter/spring
 Litter 15 twigs moss % cover 20/90 Bare Ground 0/10 % 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 (%)			30/70		
DOMINANT SPECIES			Acacia acuminata Allocasuarina huegeliana		

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					L2
DOMINANT SPECIES					

GRASSES		HERBS	SEDGES	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	L2	30/50			30/50
DOMINANT SPECIES		Dichopogon cespitosus Chaenactis ciliata Stylidium lineare			Lepidosperma Desmodium

4. VEGETATION CONDITION

Comments

very good
patches weeds.
old grazing

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

$$20 \times 20$$

5. SPECIES PRESCENCE

SITE No ST 15

Date 10-6-1999

18 - 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

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

Euc. occidentalis

[illegible]

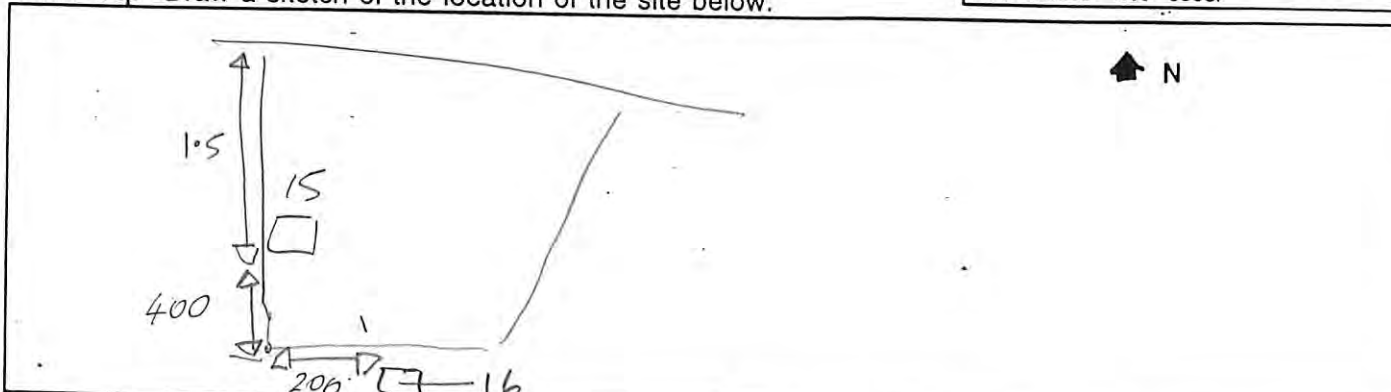
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 16
 DATE TRIP 10-6-1999 RECORDERS NG/19K
 DATE TRIP 18-10-1999 RECORDERS AW/NG/19K
 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

"Jam-Vale" NR

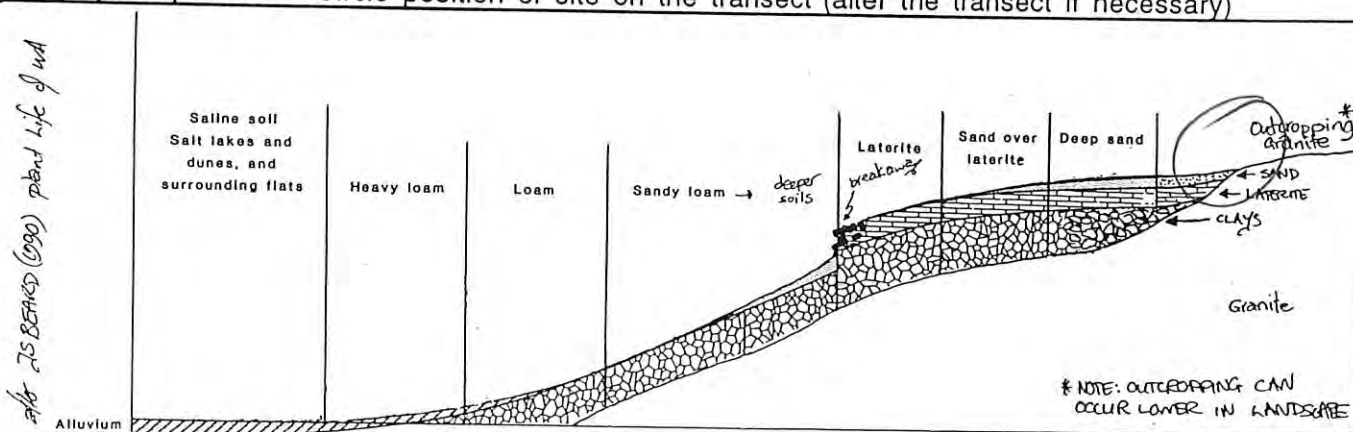
Geographic Location Latitude 34 17 10.8 S Longitude 118 30 29.1 E Altitude
 Reference Map

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 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 - granite rocks Colour brown
 Rock type granite depth to rock > 50cm

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

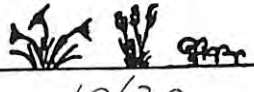
Litter lvs, twigs % cover 20/10 Bare Ground < 10 % cover
 Depth 2-5 cm > 190

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. occid				
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		Acac. cochlearis Temple. retusa Rhagel. drumm			Hakea Tissorarp Acacia Astroloma
GRASSES		HERBS		SEDGES	
	over 0.5m	under 0.5m			
LIFE FORM					
COVER CLASS (%)	10/30/50	10/30		10/30	
DOMINANT SPECIES	Stipa Poa Avena b	Lom micranth Craspedia		Luhnia aristata Desmod. asp	

4. VEGETATION CONDITION

Comments

excellent
heavy lerp attack on trees

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 ST 16

Record on Sheet

Date 10-6-1999

18-10-1999

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

same

affinis (usp)

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. occidentalis								X ~~Goodenia monantha~~			
								X Trifolium semipalmatum			
								X Plantago debilis			
								X ~~Cassia~~ misanthra			(usp)
								X Ursinia anthemoides			
								X Parentucella latifolia			
								X Bryza			
MALLEES				X Elgmia scabra (usp)				X Stipandra grandiflora (prst)			
								X Bromus hordeaceus			
				GRASSES				X ? Brachycome			
				Poa				X Daucus glochidiatus			
				Danthonia				X Galium			
SHRUBS				X Stipa trichophylla	18/10	(usp)		X Eriharta longiflora			
Templetonia retusa	(usp)			X Agrostis avenacea	(usp)			SEDGES			
Hahea isocarpha				Avena barbata				Desmodium asp			
Acacia cyclops				X Stipa tenuifolia				X Galium aristata (usp)			
Rhagodia baccata								X Lepidosperma angustatum			
Phyllanthus calycin								" sp. terete (usp)			
Astroloma prostratum				HERBS				X Tetragia capillaris (usp)			
Acacia lasiocarpa				Geranium dissectum (usp)				variabilis 18/10			
Vittadinia zantedeschia				X Anthropodium capillipes				18-10-99			
Stachys pallesc				Craspedia				X Petrophagia prolifera			
Kennedia eximia				Lomandra misanthra				X Lolium rigidum			
Acacia lasiocarpa var. scabra				Dianella brevifolia				X Pronaya fraseri			
Oenothera vag.				X Anagallis arvensis				X Microloena stipoides			
				Oxalis (perennans)				X			
				Thys (pat/mangl)				X Olenia ciliata (usp)			
				Drosera macrantha							
				Lagenaria hucg							
				X Parietaria (debilis)							
				Centaureum erythraeum							

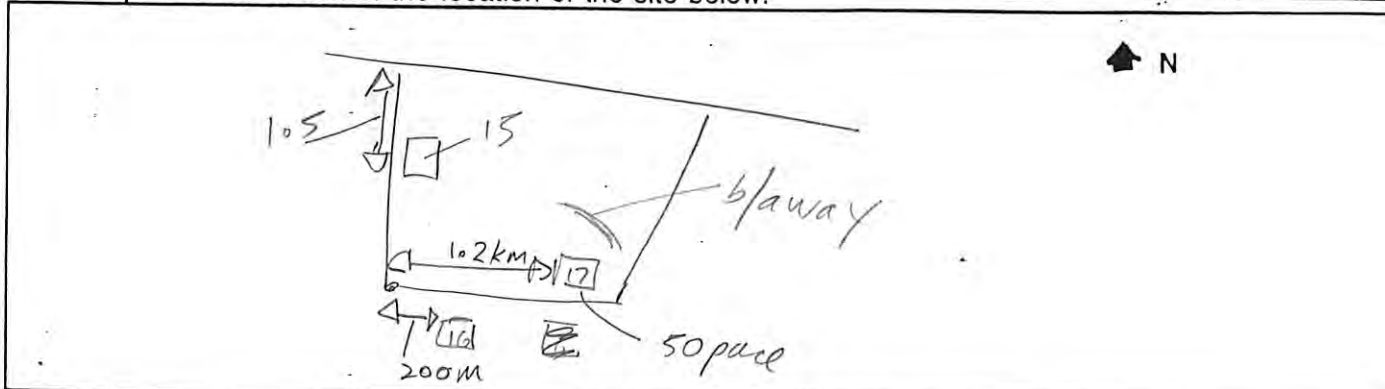
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 17
 DATE TRIP 10-6-1999 RECORDERS GK/NG
 DATE TRIP 18-10-1999 RECORDERS AW/GK/NG
 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

"Jam-Vale" NR

Geographic Location Latitude 34 17 08.1 S Longitude 118 31 15.2 E Altitude

Reference Map

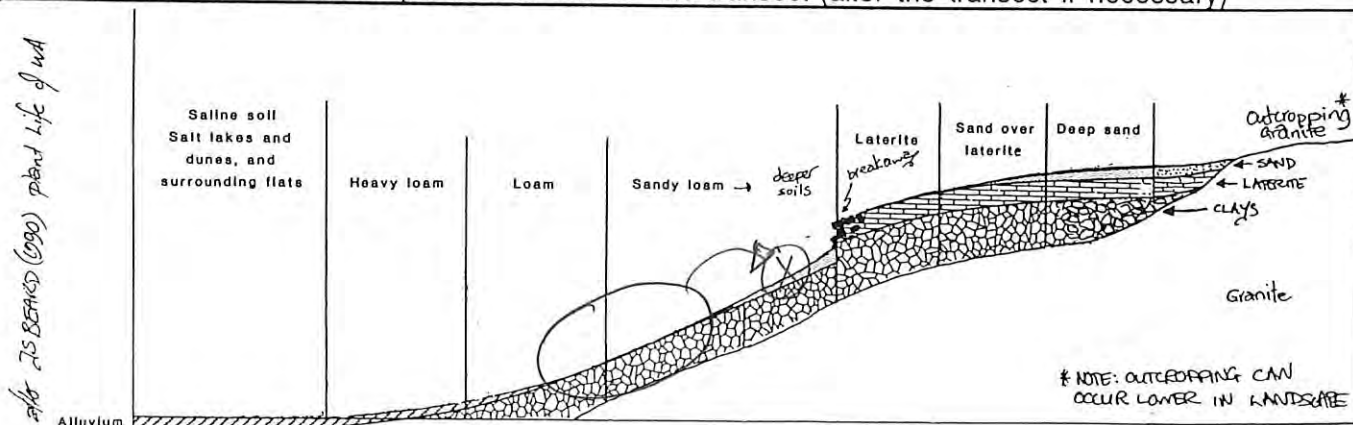
Photograph

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	<u>gentle</u>	steep	Aspect	N	NE	E	SE	S	<u>SW</u>	W	NW
Surface Soil	<u>loam</u>				Colour <u>red-brown</u>							
Exposed rock	type				% surface							
Sub-surface Soil	<u>loam</u>				Colour <u>red-brown</u>							
Rock	type <u>granite</u>				depth to rock <u>> 1m</u>							
Drainage	<u>well</u>	<u>mod</u>	poor	depth water	cm	Wet		all year		winter/spring		
Litter	twigs, vs		% cover	<u>30/50</u>		Bare Ground		<u>MOSS</u>		%cover		
Depth	<u>2-5</u>		cm	<u>10</u>								

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			
	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			Acacia para Rhagodia Gastrol. parvif		Hakea lissocarp Eymoph. conf
	GRASSES	HERBS	SEDGES	over 0.5m	
				under 0.5m	
LIFE FORM					
COVER CLASS (%)	2-10	30/70		10/30	
DOMINANT SPECIES	Stipa	Lom. micrantha Chaemasc vers Arthr. capill		Lahnia aristata Desmod. asper	

4. VEGETATION CONDITION

Comments

excellent
v. mossy - all bare areas

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 ST 17
 Date 10-6-99
 18-10-1999

Record on Sheet

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

same

TREES	No	FI	ID	SHRUBS (cont.) 18/10/99	No	FI	ID	HERBS (cont.) 18/10	No	FI	ID
Euc wandoo				X Levetiaea 1 stipata				X Podolepis lesson			
				X				X Anacallis orvenensis			
				X Aphelia drummondii				X Uulpra myuros			
				X Drosera glanduligera				X Aira corylophyll			
				X Caladenia longicauda				X Storkhousia monogyna			
				X Druris longifolia				X Pterocarpus latifol			
MALLEES				X Cal. dilatata fulcata				X Acacia paradoxa			
								X Hypochaeris glabra			
								X Dampiera affinis			
				GRASSES				X Craspedia variabilis			
				Neurachne alopec				X Podolepis pepperi			
				Danthonia				X Trachymene pilosa			
SHRUBS				X Stipa hemifolia (usr)				X Milotia tenuiflora			
Gastrolobium parvif								SEDGES			
Urtica issodaph								X Elyna : aristata ancistrophylla (usr)			
Lomphol confertum								X Desmod asper			
Rhagodia baccata								X Harperia latiflora			
Astroloma prost											
Calyx tetragona (usr)				HERBS							
Acacia lasiocarpa				Drosera macrantha				X Ursinia anthemoides			
" dictyonema				Chaemascilla versic				X Briza minor			
				Lomandra micrantha				X Caladenia ? roei			
				Arthropodium capill				X Wurmbea tenella			
				Helichrysum leucop				X Blenospira drummond			
				Dianella brevicaulis				X Goodenia bradiana			
				Ursinia anthem				X Crassula colorata			
				Laxmannia ramosa difera (usr)				X Daucus glochid			
				Lagenaria hirsutifolia				X Goodenia concinna (usr)			
				Novalis perennans				X Biloxerus multiflorus			
				Eriochilus dilatatus				X Hydrocotyle callicarpa			
				Inys pat (manol)				X Lepidosiphonia Tetaria capillaris			
				Philotus mangifera				X Brachycome ciliaris (usr)			

X Hydrocotyle
 X

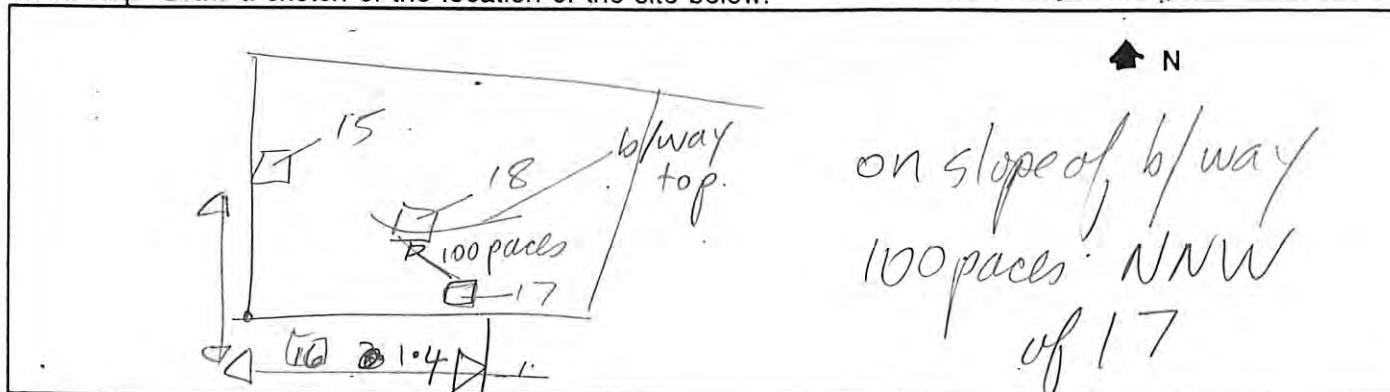
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 18
 DATE TRIP 10/6/1999 RECORDERS NG/GK
 DATE TRIP 18/10/1999 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

"Jam-Vale" NR

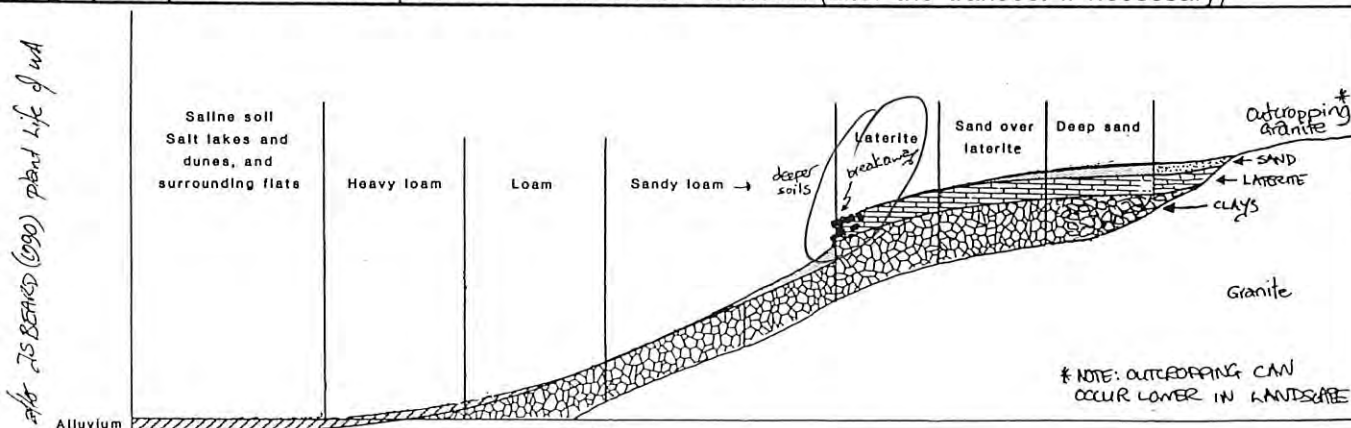
Geographic Location Latitude 34 17 02.0 S Longitude 118 31 13.3 E Altitude 109
 Reference Map

Photograph Photographer's Name

NG

Photo No 35/36

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



2. SITE DATA Circle the correct response.

Slope	flat	gentle	<u>steep</u>	Aspect	N	NE	E	SE	S	<u>SW</u>	W	NW
Surface Soil	loam								Colour	brown		
Exposed rock	type								% surface			
Sub-surface Soil	loam								Colour			
Rock	type sandstone								depth to rock	10 - 30 cm		
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet	all year		winter/spring			
Litter	bark, twigs, + wigs		% cover	<u>>90</u>		Bare Ground	<u>2</u>		10 (rocks)		% cover	
	Depth 5-15		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%
-------------	-------	--------	----------	----------

TREES				MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM			 		
COVER CLASS (%)		30/70			
DOMINANT SPECIES		<i>Euc. redacta</i>			

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

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

4. VEGETATION CONDITION

Comments

excellent

20x20

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

Date 12-10-1999

[illegible]

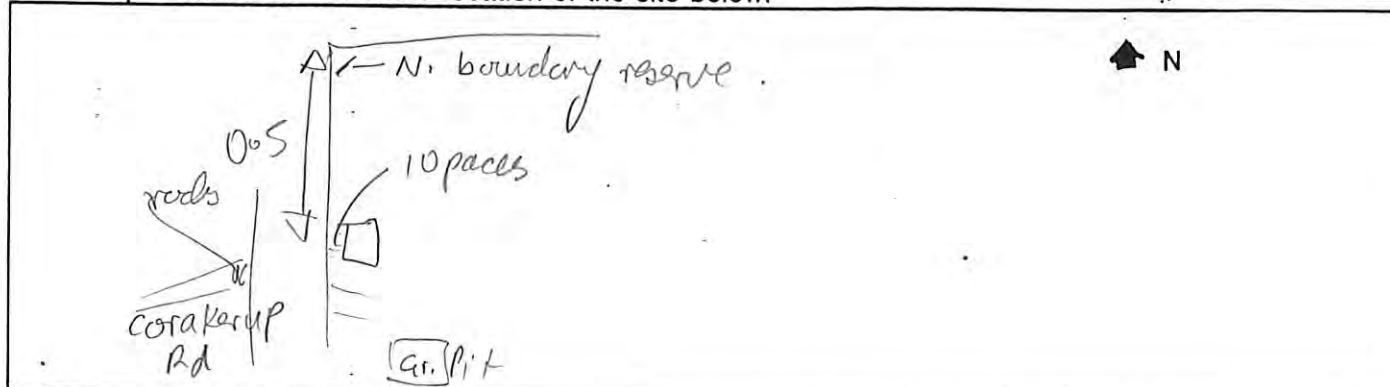
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 19
 DATE TRIP 10-6-1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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.

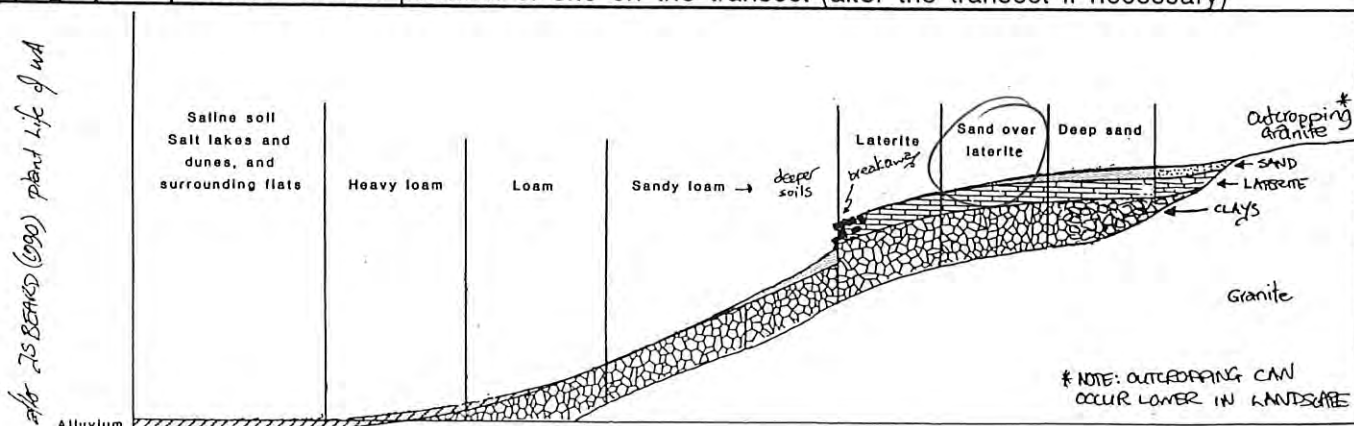


Road Location CORAKERUP RD / CORAKERUP NR

Geographic Location Latitude 34 10.42.8 S Longitude 118 36 49.1 E Altitude 2.4
 Reference Map

Photograph Photographer's Name NG Photo No 37

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>gravel</u>	Colour	
Rock	type	depth to rock	
Drainage	<u>well</u> mod poor depth water	cm	Wet all year winter/spring
Litter	<u>1/5 - twigs</u>	% cover	<u>30/50</u>
Depth	<u>2</u>	cm	
Bare Ground		% cover	<u>30/50</u>

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.

For each layer record - appropriate life form, cover class (see below) and dominant species in each					
Cover Class		2-10%	10-30%	30-70%	over 70%
TREES					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
					30m
					10m
COVER CLASS (%)					10-30
DOMINANT SPECIES					Euc. tetra
					Euc. bursifolia
					Euc. dotata
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
					Melaleuca 2m
					Petr. divaric 1m
COVER CLASS (%)		2-10			30-50
DOMINANT SPECIES		Banks bauxif			Isop. bauxif
		" media			Gastr. spinos
		Dry. cirsi			Caloth. sang.
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
					1m
COVER CLASS (%)	2	10/20			2-10
DOMINANT SPECIES	Neracne alop	Chaemax serr			Horseria teritif

4. VEGETATION CONDITION

Comments

excellent

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 ST 19

Record on Sheet

Date 10-6-1999

18-10-1999

- 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.)	No	FI	ID
				<i>Allocasuarina humilis</i>				<i>Hibbertia graciliflora</i> var. <i>orient</i>			
				<i>Poranaya laseri</i>				<i>Agonis obtusifolia</i> spot bush			
				<i>Petrophile media</i>				<i>Acacia ? woodii</i> ssp. <i>minii</i>			
				<i>Xanthorrhoea platyphylla</i>				<i>Personia quinqueveneris</i>			
				<i>Hakea corymbosa</i>				<i>Verticordia serrata</i>			
				<i>Verticordia (corymbosa)</i> and <i>littoralis</i>				<i>Opsecularia vaginata</i>			
				<i>Leptospermum Kunzei</i> <i>aristata</i>				<i>Cassipoua flava</i>			
MALLEES				<i>Synaphea petiolaris</i>				GRASSES			
<i>Euc. tetragona</i>				<i>Neurachne alopec</i>				<i>Chorizema glycinifolium</i>			
" <i>pachyloma</i>											
" <i>darattoxylon</i>											
" <i>falcata</i> (VSP)											
SHRUBS											
<i>Banksia media</i>								SEDGES			
" <i>baueri</i>				<i>catleyi</i> xx 18/10				<i>Lepidosperma angustifolium</i>			
<i>Gastrolobium spinosum</i>								<i>Harperia latiflora</i>			
<i>Isopogon buxifolius</i>								<i>Mesomelaena stygia</i>			
<i>Dryandra I. cirsioides</i> (VSP)								<i>Anarthria</i>			
" <i>armata</i>				HERBS				<i>Schoenus pleistomanus</i>			
" <i>lindleyana</i>				<i>Eriochilus dilatatus</i>				<i>Desmodium asp</i>			
<i>Banksia sphaerocarpa</i>				<i>Chaenactis serrata</i>				12/10/99			
<i>Leptocarpus piliatum</i>				<i>Stylidium repens</i>				<i>X Amphipogon turbinatus</i>			
<i>Isopogon tetrasolus</i>				<i>Rhaemascilla spiralis</i>				<i>X Doranvillea verticillata</i>			
<i>Allocasuarina thuyoides</i>				<i>Drosera erythrorhiza</i>				<i>X Allocasuarina microstachya</i>			
<i>Melaleuca carrii</i>				<i>Pterostylis vittata</i>				<i>X Acacia crispula</i>			
" <i>patagonica</i>				<i>Drosera macrantha</i>				<i>X Calytrix laschneletii</i>			
<i>Petrophile</i>				<i>Stylidium ? pilifer</i>				<i>X Chorizema glycinifolium</i> (VSP)			
<i>Leucopogon cymbiformis</i>				<i>Leporella fimbriata</i>				<i>X Astraloma pallidum</i>			
<i>Hakea trifurcata</i>								<i>X Opsecularia vagin</i>			
<i>Calothamnus sanguin</i>								<i>X Synaphea phnatis</i>			
<i>Leucopogon = Acrotrichum cordatum</i>											
<i>Melaleuca sp III tuberculata</i>											
<i>Dryandra II</i>											

Melaleuca rigidifolia
= *Melaleuca carrii* (fruit on) VSP

Coleantheca angustifolia (VSP)

Lewysoya off *losiostylis* 10-6-99 (VSP)

Andersonia ? *aristata* 18/10 (VSP)

parvifolia

Kunzea aridocalyx 18/10/99

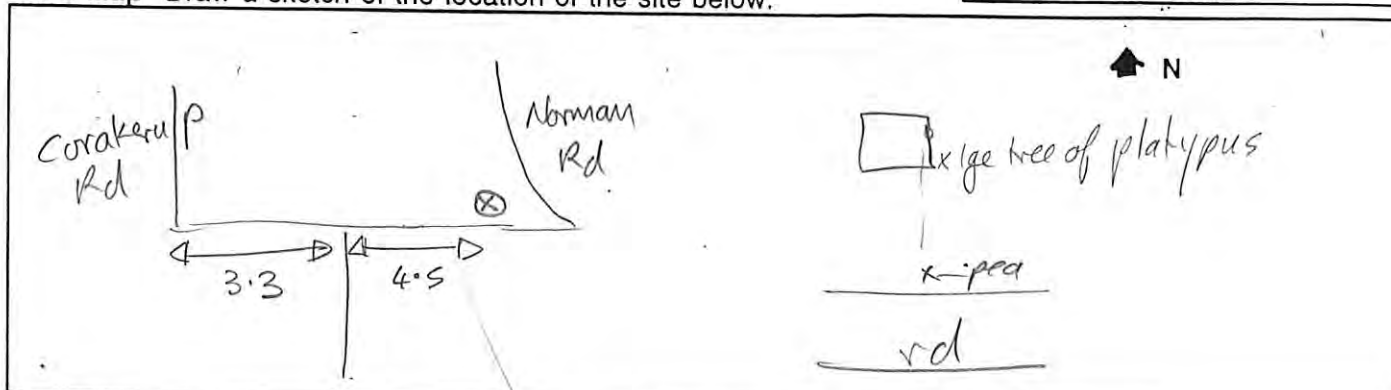
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 20
 DATE TRIP 10-6-1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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

Corackerup NR

Geographic Location Latitude 34 14 04 S Longitude 118 40 53 OE Altitude 206
 Reference Map

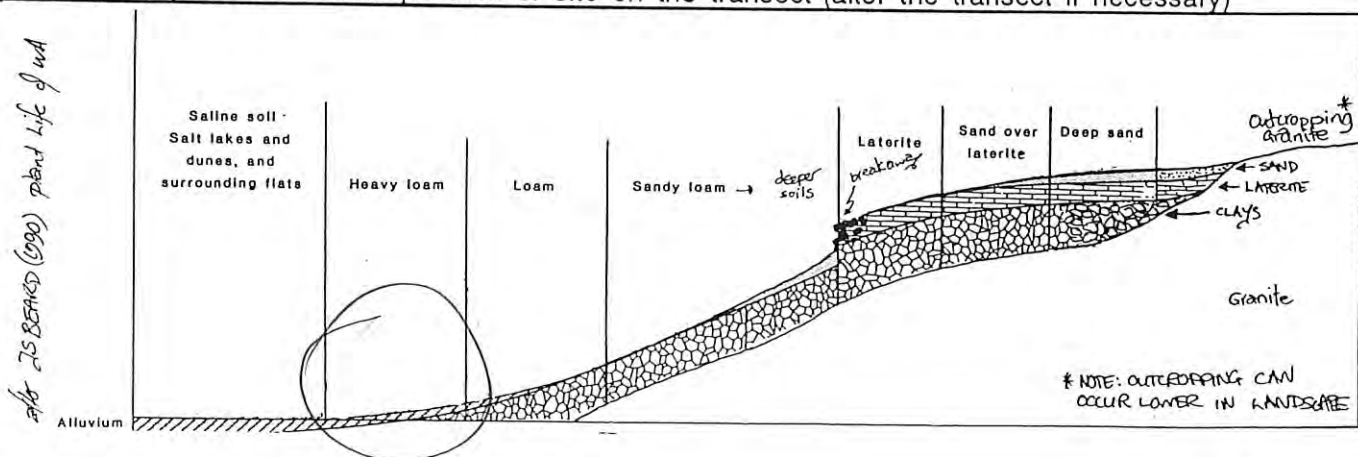
Photograph

Photographer's Name

NG

Photo No 38

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 gravelly clay Colour orange
 Exposed rock type _____ % surface

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

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

Litter twigs, lvs % cover 30/50 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%

LIFE FORM	TREES			MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
					
COVER CLASS (%)					30/70
DOMINANT SPECIES					Euc platyp Euc trahsl
LIFE FORM	SHRUBS			SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
					
COVER CLASS (%)		10/20			10/20
DOMINANT SPECIES		Acacia Melaleuca I " II			Grevillea pterocarpa Acrotiche
LIFE FORM	GRASSES	HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
					
COVER CLASS (%)	L2	L2		L2	
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

18-10

Same

[illegible]

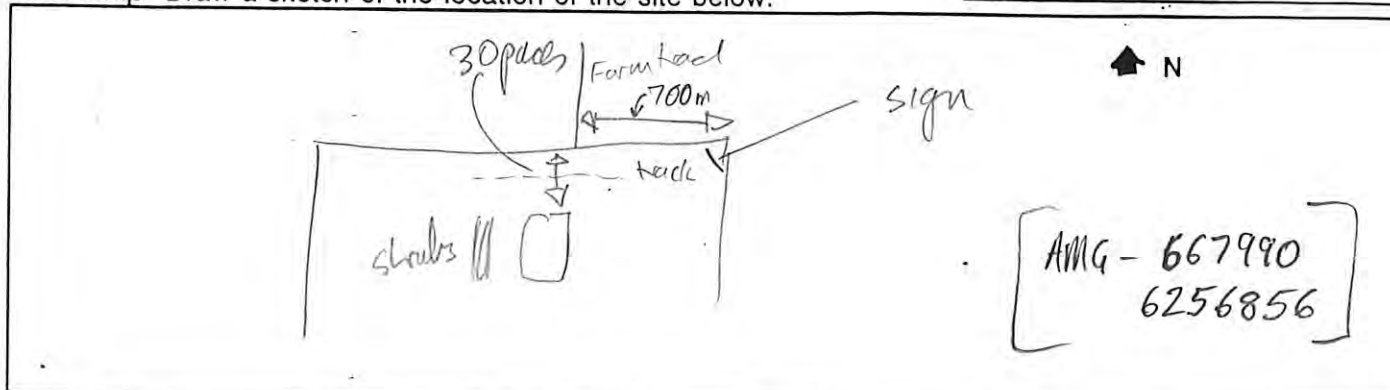
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 21
 DATE TRIP 10/6/1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 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

Cairdner River NR

Geographic Location Latitude 33 48 54.2 S Longitude 118 48 54.2 E Altitude 204
 Reference Map

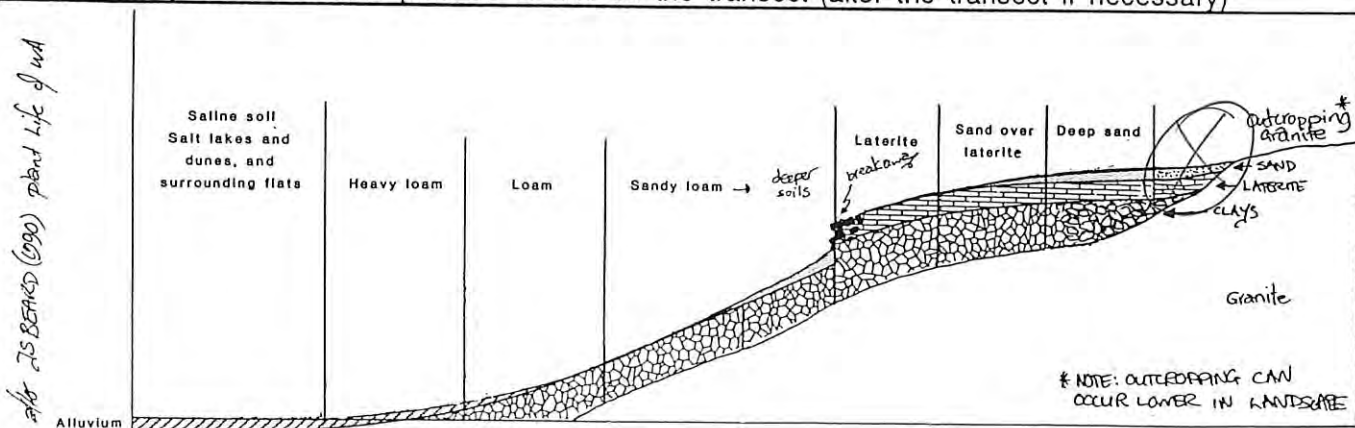
Photograph

Photographer's Name

NG

Photo No I

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	type <u>gritty loam</u>								Colour <u>red-brown</u>			
Exposed rock	type _____								% surface _____			
Sub-surface Soil	type <u>granite</u>								Colour _____			
Rock	depth to rock _____											
Drainage	well	<u>mod</u>	poor	depth water	cm	Wet	all year	winter/spring				
Litter	<u>+ wigs</u>	% cover	<u>100</u>	Bare Ground	<u>0</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			MALLEES		
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)		20/70			
DOMINANT SPECIES		<i>Allocas hucgel</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>Astroloma seriat</i> <i>Baeckea crispif</i> <i>Halkea lissodapha</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	?		10/30/50	
DOMINANT SPECIES	<i>Stipa eleg</i>			<i>Lepidosperma</i> <i>Lepidobolus</i>	

4. VEGETATION CONDITION

Comments

excellent

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 ST 21
Date 10/6/1999
18-10-1999

Record on Sheet

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

same

TREES	No	FI	ID	SHRUBS (cont.) 18/10/99	No	FI	ID	HERBS (cont.) 18/10/99	No	FI	ID
Allocas huegeliana				X Levenhookia pusilla				X Wartzia acuminata var acumin (vsp)			
				X Siloxerus multiflorus				X Stackhousia monophylla			
				X Antholipis drummondii				X Blennospora drummondii			
				X Opecklaria vagin				X Rhodanthe laevis			
				X Elythranthera brachionis				X Danthonia			
				X Caladenia ~~placata~~ multiclavata				X Stipa ~~hamiflora~~ hamiflora			
				X Lobelia gibbosa				X Ursinia panthem			
				X Lagotis huegelii				X Aira caryophyll			
MALLEES				GRASSES				X Lobelia tenuis			
				Stipa elegantissima				X Hypochaeris glabra			
								X Drosera glandulig			
								X Hydrocotyle caticarpa			
								X Schoenus nanus			
SHRUBS				Neurachne alopecuroid				SEDGES			
Baeckea crispiflora				Amphipogon debilis				Lepidobolus			
Hakea lissocarpa								X Wartzia acuminata var albicans (vsp)			
Cassytha chrysanth								X Lepidosperma angust costata (vsp)			
Verticordia grandiflora											
Allocasuaria microstachya (vsp)				HERBS							
Chorizema ~~raciculare~~ ssp acicul				Chaemascilla spiralis				18/10/99			
lavandulacea				Drosera macrantha				X Amphipogon debilis			
Dampiera ~~juncea~~				Eriochilus dilatatus				X Dianella reva			
				Chaemascilla versicolor				X Antholipis cristata			
				Caladenia flava				X Pteranthera microphylla			
				Thys pat/mangl				X Ceratophyllum oblong			
								X Wahlenbergia			
ADI Lechenaultia acutiloba (vsp)				18/10/99				X Hypolepis demiss			
				X Arctotheca calendula				X Vulpia myuros			
				X Helichrysum leucopsilum				X Milotia tenuifolia			
				X Calandrinia calyptata				X Triglochin elatior			
				X				X Pteranthera angustifolia			
				X				X Siloxerus multiflorus			

X Schoenus subflavus ssp hispid cutm.
X Brachycome

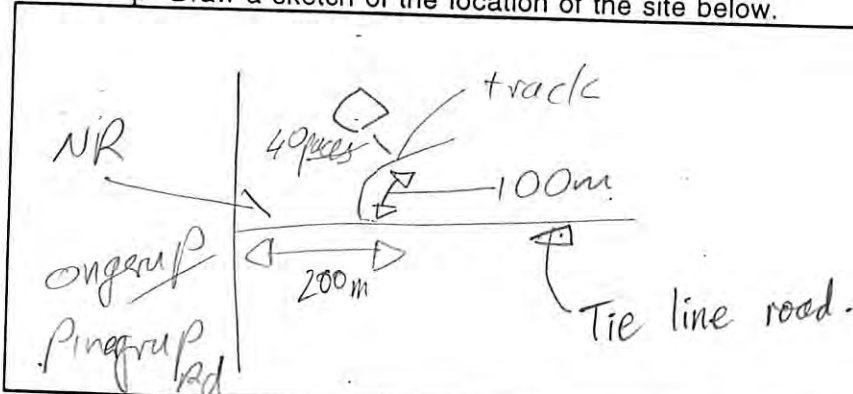
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA ST SITE NUMBER 22
 DATE TRIP 10-6-1999 RECORDERS NG/GK
 DATE TRIP 14-10-1999 RECORDERS NG/GK/TW
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

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



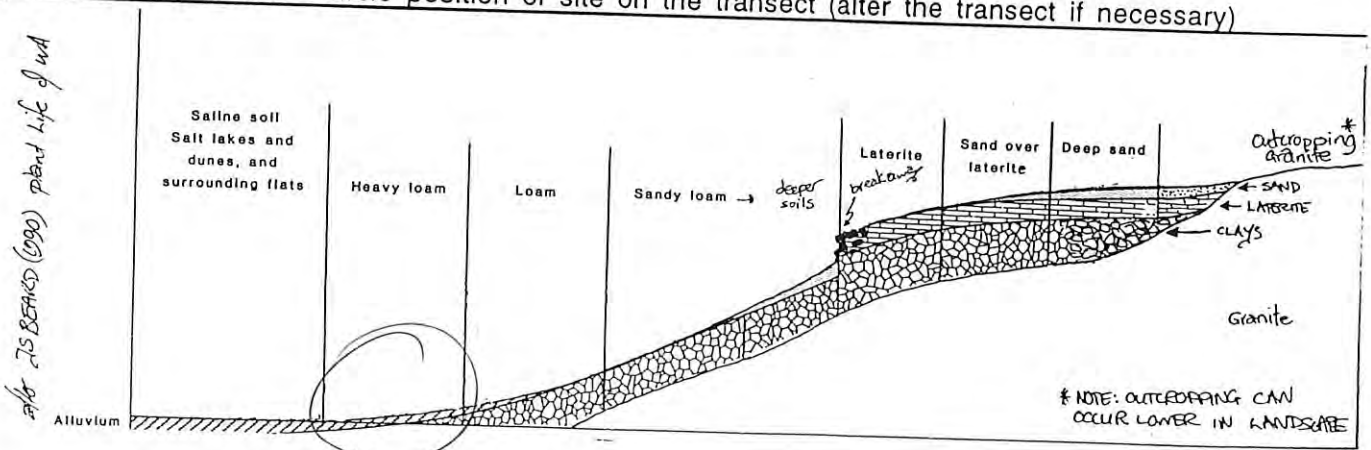
AMG-636453
6257418

Road Location Tie-line road.

Geographic Location Latitude 33 48 52.3 S Longitude 118 28 27.6 E Altitude 3.0
 Reference Map

Photograph Photographer's Name NG Photo No 2

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 lvs, twigs % cover 100 Bare Ground % cover <10
 Depth 5-10cm cm >90

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%

LIFE FORM	TREES			MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
					
COVER CLASS (%)		30/70			
DOMINANT SPECIES		<i>Eucalyptus</i>			
LIFE FORM	SHRUBS				
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
					
COVER CLASS (%)			10/20		2-10
DOMINANT SPECIES			<i>Rhagodia dum</i>		<i>Atriplex</i> <i>Maireana</i> <i>Disphyma clavell</i>
LIFE FORM	GRASSES	HERBS	SEDGES	over 0.5m	
				under 0.5m	
					
COVER CLASS (%)	2-10	<2		<2	
DOMINANT SPECIES	<i>Stipa eleg</i>			/	

4. VEGETATION CONDITION

Comments

excellent

~~20x20~~ 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]

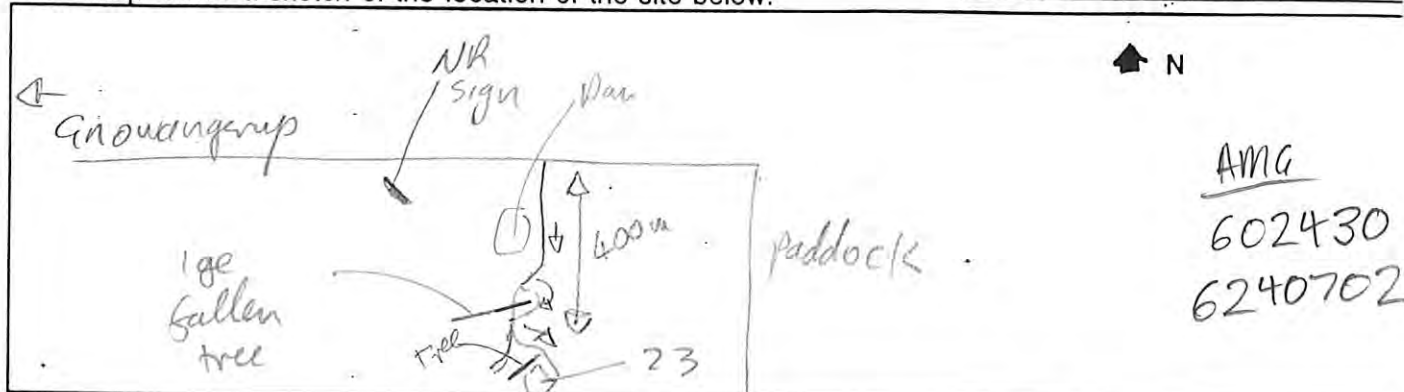
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA S.T SITE NUMBER 23
 DATE TRIP 11/6/1999 RECORDERS NG/GK
 DATE TRIP 18/10/1999 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.

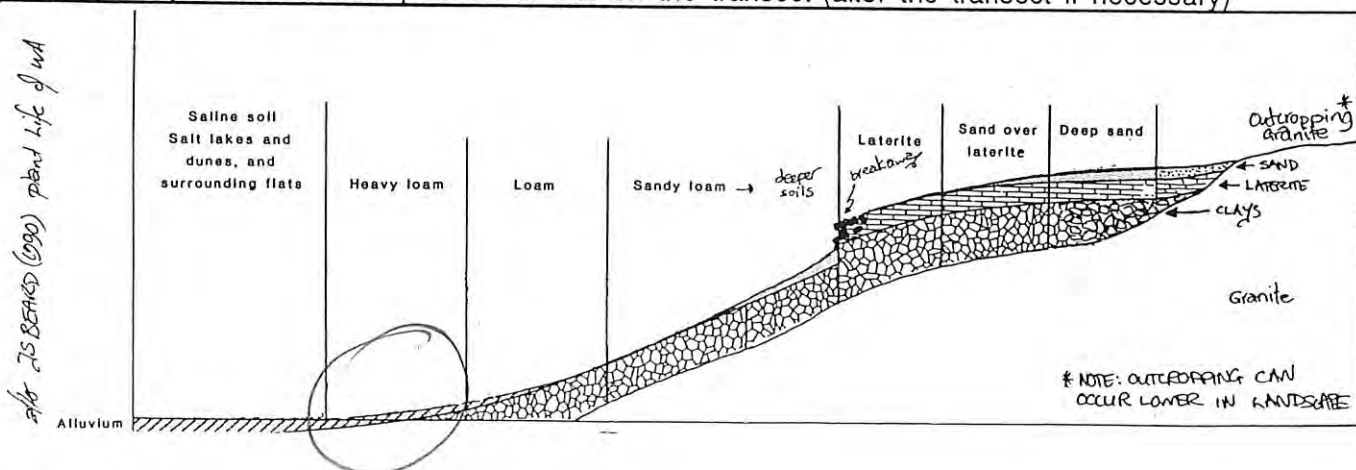


Road Location Chirelillup NR

Geographic Location Latitude 33 58 08.8 S Longitude 118 06 31.5 E Altitude 3.2
 Reference Map

Photograph Photographer's Name NG Photo No 3

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>brown</u>			
Exposed rock	type							% surface				
Sub-surface Soil	<u>clay</u>							Colour	<u>brown</u>			
Rock	type <u>granite</u>							depth to rock				
Drainage well	<u>mod</u>	poor	depth water	cm	Wet	all year		winter/spring				
Litter bark, lvs, twigs	% cover <u>90</u>			Bare Ground	% cover <u>10</u>							
Depth	<u>2-10cm</u>											

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			2	
DOMINANT SPECIES	Euc. salmon			Euc. torquata	

	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				Acacia saligna

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10	?			10/30
DOMINANT SPECIES	Neracne alop Stipa eleg				Lynnia

4. VEGETATION CONDITION

Comments

grozed in past, logged for fence posts
scattered clumps grassy weeds - v. bad in patches
good - v. good

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

same

18-10-1999

TREES				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	
	</										

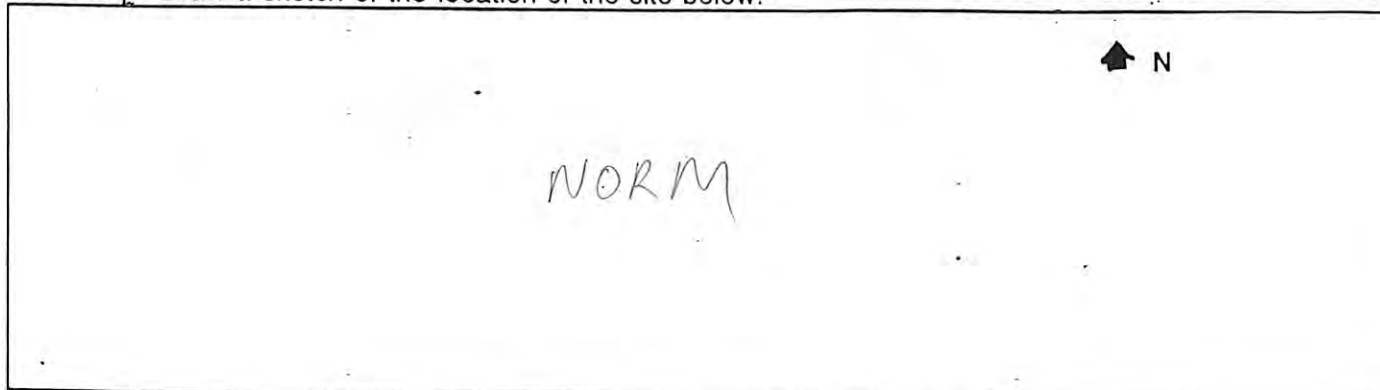
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA S.T SITE NUMBER 24
 DATE TRIP 11-6-1999 RECORDERS NG/GK
 DATE TRIP 19-10-1999 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.



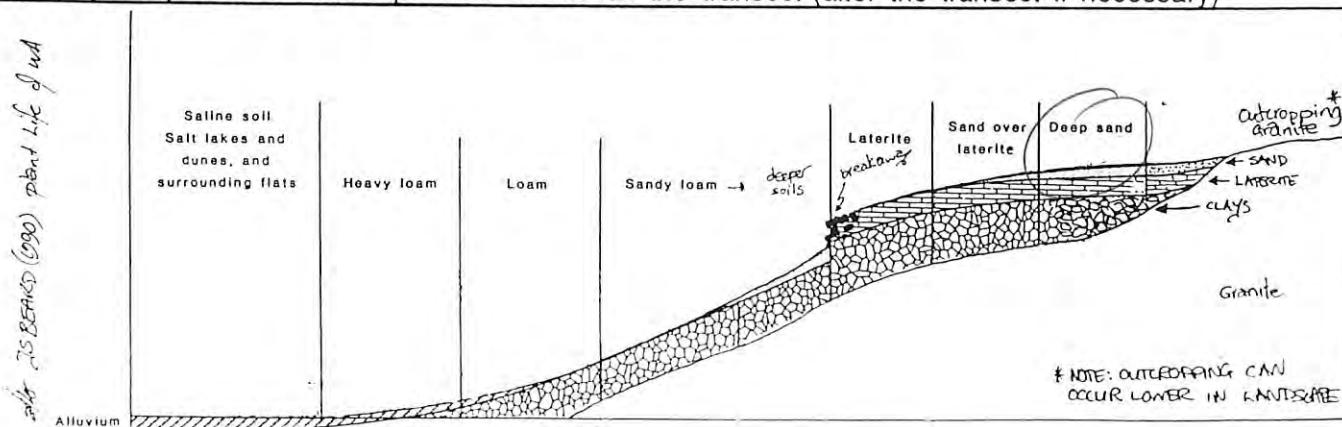
Road Location SALT RIVER ROAD

Geographic Location Latitude _____ S Longitude Stirling Range NP E Altitude _____

Reference Map

Photograph Photographer's Name NG Photo No 7

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



2. SITE DATA Circle the correct response.

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

Surface Soil sand Colour grey

Exposed rock type _____ % surface _____

Sub-surface Soil sandy clay Colour _____

Rock type _____ depth to rock _____

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

Litter 15 % cover 30/50 Bare Ground 30/50 % cover

Depth 2 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.

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. decipiens</i>
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10/30			10/30	10/30
DOMINANT SPECIES	<i>Lambertia nana</i> <i>Hakea</i>			<i>Leptos. rub</i>	<i>Dry. tenuifol</i> <i>Daviesia</i> <i>Alloc. humilis</i>
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10				30/70
DOMINANT SPECIES	<i>Newarctia alopec</i>	<i>Cham. serr</i> <i>Drosera eryth</i>			<i>Mesomel. styg</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 ST 24

Record on Sheet

Date 11-6-1999

19-10-1999

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

same 5)

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				Hakea (big fruit)				Astroloma prostratum			
				Operculata vagin				Verticordia densifl			
				Melaleuca carrie				— " — habrantha	19/10		
				Andersonia				Hakea lehmannii			
				Rinzia lumana				19/10/1999			
				Calothamnus sanguineus				X Burchardia congesta			
				Horea trisperma				X Stylidium petiolare			
				Cassytha flava				X — " — periscillianth			
				GRASSES				X Elytranthera brunonis			
				Neracne alopecuroides				X Millotia			
				Stipa molles (usp)				X Calytrix Kerschbaumii			
				Amphipogon				X Anigozanthos humilis			
								X Centropogon drum			
								SEDGES			
								Mesomphala styg			
								Harperia lateriflor			
								X Lepidosperma pubisquam	(usp)		
								Schoenus			
								Petro-chordifera sphacelatus			
								Desmod. fascic			
								Schoenus defoliat			
								19-10-1999			
								X Antholipus aristata			
								X Pithocarpa = Argent. toll. div. nidea	(usp)		
								X Kunzea violacea			
								X Stylidium proliferum			
								X Hakea corymbosa			
								X Darwinia ligustrata			
								X Anarthra laevis humilis	(usp)		
								X Bromelia busselliana			

Leucopogon gracilis 19/10
(usp)

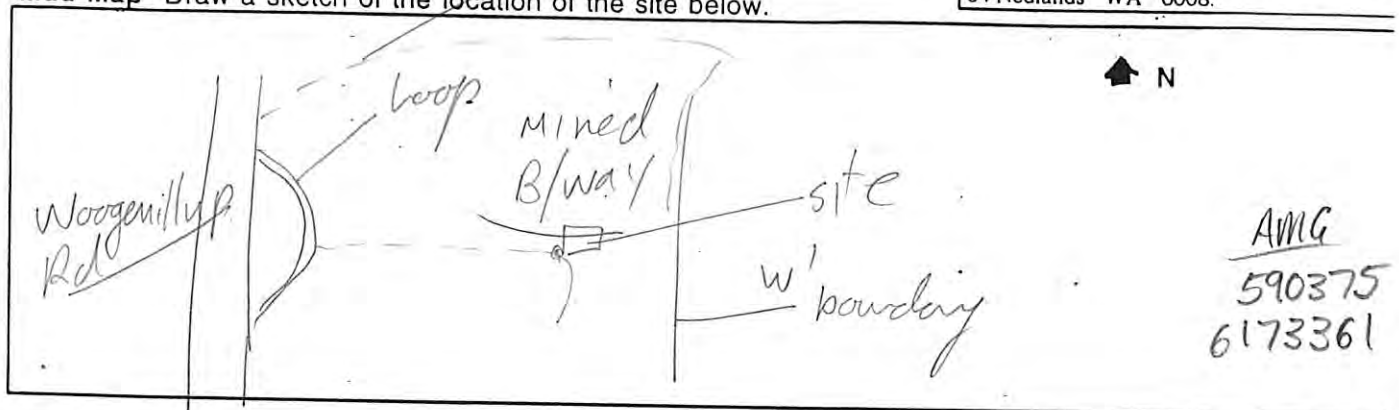
X Xanthosia megalii (usp)
X Homandra caespitosa

X Drosera pallida
Leucopogon tamarascinus

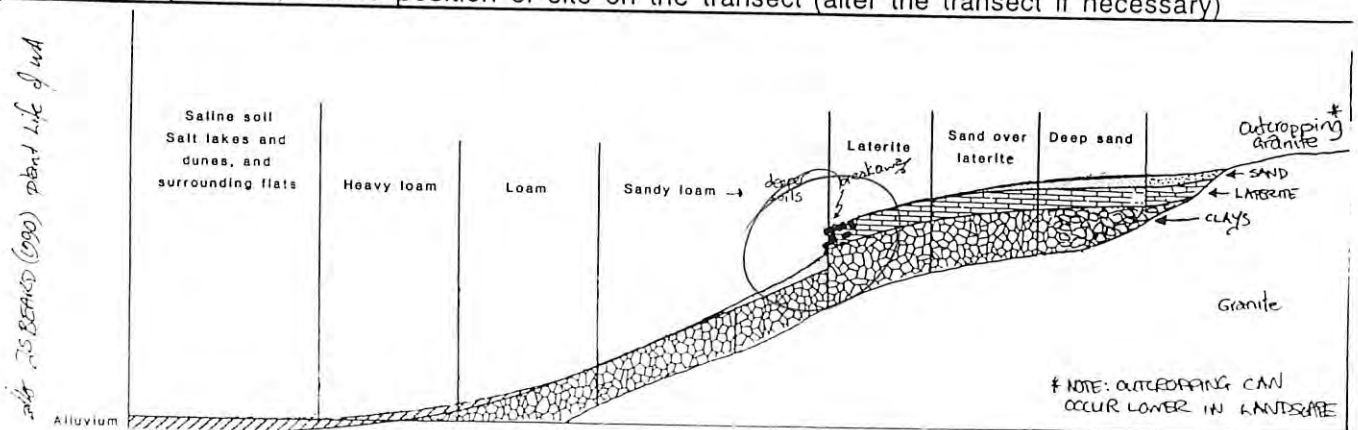
BUSHLAND AREA ST SITE NUMBER 25
 DATE TRIP 11-6-1999 RECORDERS NG/GK
 DATE TRIP 18-10-1999 RECORDERS AW/GK/NG
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

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

Road Location KAMBALLUP SHIRE RESERVEGeographic Location Latitude 34 34 38.8 S Longitude 117 59 07.2 E Altitude _____
 Reference Map Mt Barker 1:100000Photograph 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	gentle	<u>steep</u>	Aspect	<u>N</u>	NE	E	SE	S	SW	W	NW
Surface Soil	<u>loam</u>				Colour	<u>brown</u>						
Exposed rock	type				% surface							
Sub-surface Soil	<u>loam</u>				Colour	<u>brown</u>						
Rock	type				depth to rock	<u>sandstone/sprongite</u>						
Drainage	<u>well</u>	mod	poor	depth water	cm	Wet	all year		winter/spring			
Litter	<u>bark, vs, twigs</u>		% cover	<u>90</u>	Bare Ground	<u>10</u>		%cover				
Depth		<u>5-10</u>		cm								

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.

For each layer record - appropriate life form, cover class (see below)					
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 (%)		20/70			
DOMINANT SPECIES		<i>Eucalyptus redartia</i>			
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	SHRUBS under 0.5m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2/10	?			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

CONDITION

excellent - some weedy
grasses

B/way top mined

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

1 0 1 0 1 1 1

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA Peeringilup NR SITE NUMBER ST 26

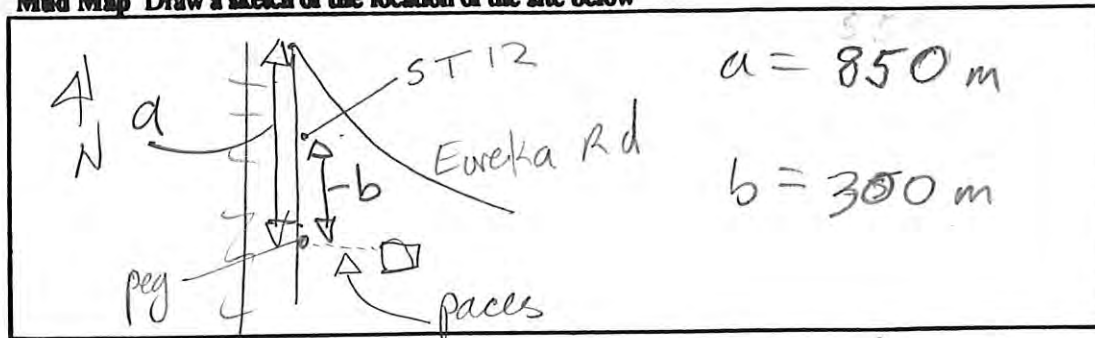
DATE TRIP 19-10-1999 RECORDERS AW/NG/GK

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location

Geographic Location Latitude 33° 56' 49.4" S Longitude 117° 38' 38.0" E Altitude
GPS ☒ Accuracy
Map Sheet

Photograph Name NG Number

Topographic Position (Circle the correct response)
Upland ☐ Lower slope ☒
Upper slope ☐ Valley ☒
Midslope ☐ Washline ☐

2. SITE DATA Circle the correct response

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

Surface Soil clay Depth to Rock > 1 m Colour grey-brown

Exposed Rock type nil % surface cover size range

Litter lvs, twigs % surface cover > 90 Depth (cm) 2-10

Bare Ground % surface cover < 10

2. VEGETATION STRUCTURE AND COVER

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

COVER CLASS					
TREES			MALLEES		
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	10-30				
DOMINANT SPECIES	<i>Euc. occ</i> <i>Euc. astri</i>				
SHRUBS					SHRUBS
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)				<2	10-30
DOMINANT SPECIES				<i>Rhagodia</i>	<i>Disphyma clav</i>
GRASSES		HERBS	SEDGES	over 0.5m	
				under 0.5m	
LIFE FORM					
COVER CLASS (%)	2-10	2		2	
DOMINANT SPECIES	<i>Stipa</i>	<i>Pod. capill</i>			

4. VEGETATION CONDITION

Comments

excellent
- woods, salt encroaching

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

E. wardo -

[illegible]

② 27/10/2000 Sex Invent³

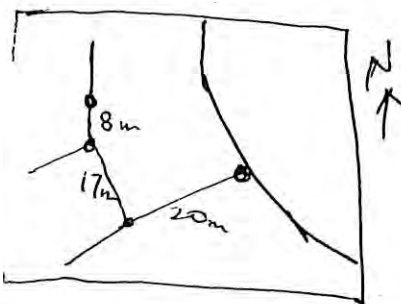
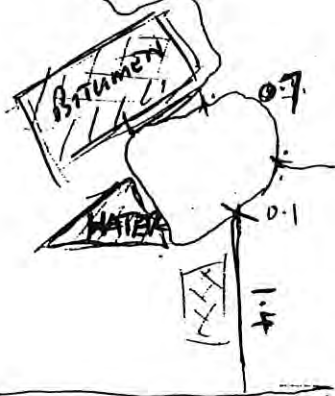
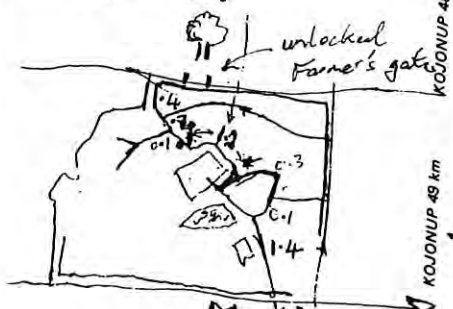
11:10am

AUSTRALIA 1:100 000

Supply reserve

7 k W of Tambelikep

* Ask farmer 1.2



Given to at ≈ 1.5 m

red loam + gravel

Cassiopeia longissima

Acacia circumdata

Leptospermum

Castrolobium + Grevillea

34° 02' 19.9 S

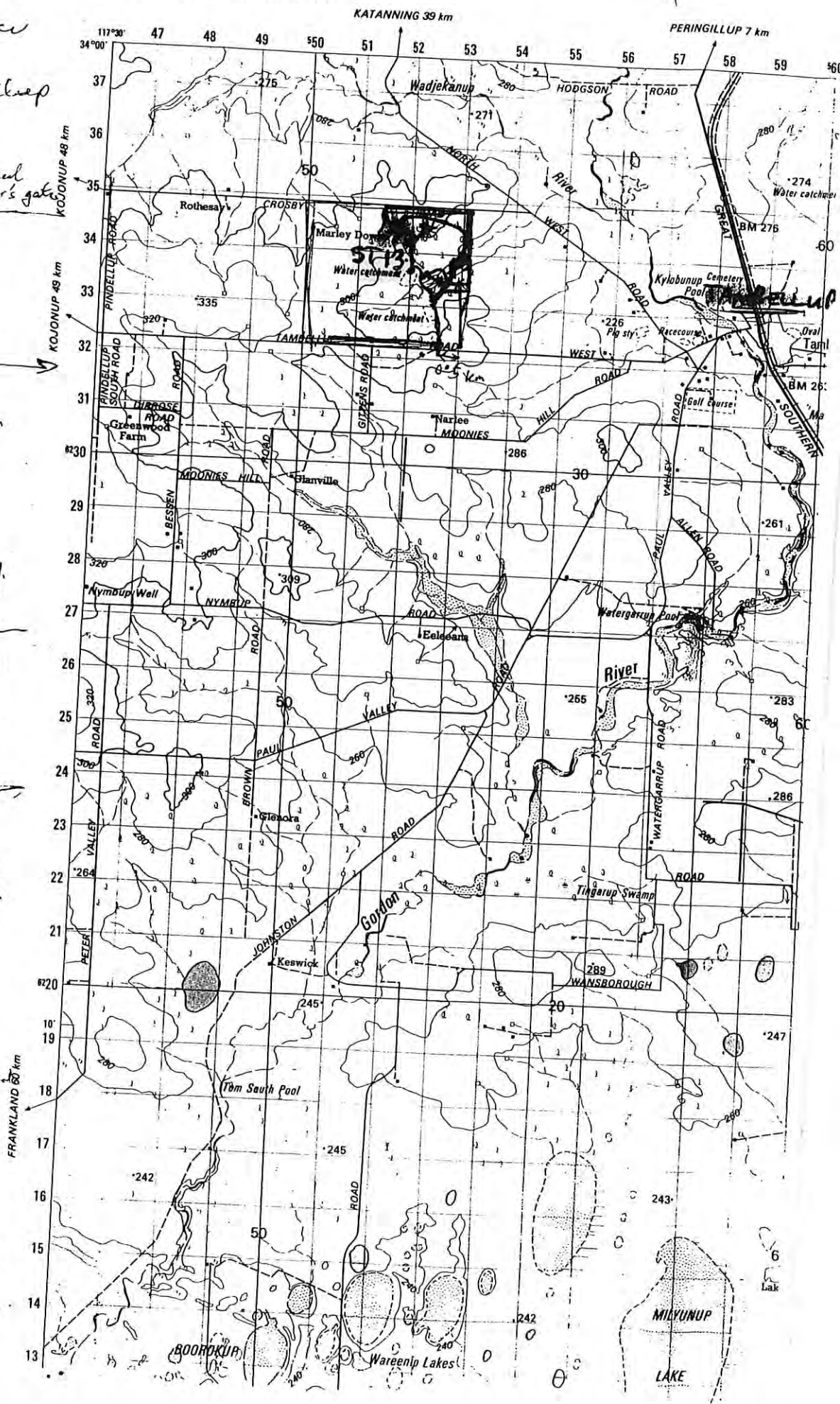
15^o 28-1-72

17 33 30.3 E

or needles & some Bouthu.

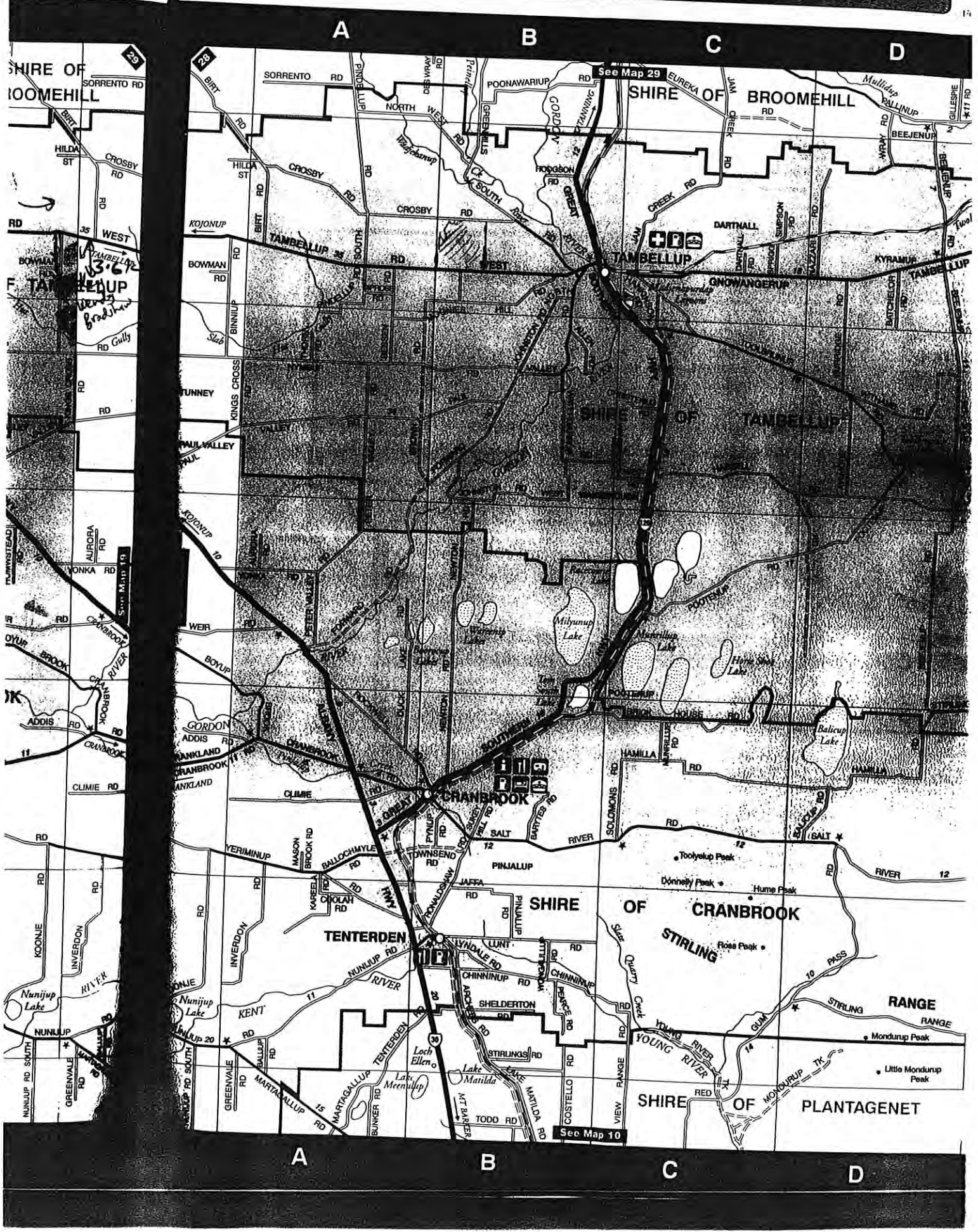
1. 250 fly
+ other elements

1. ~~Answer~~ of the values



4
1300
Kp

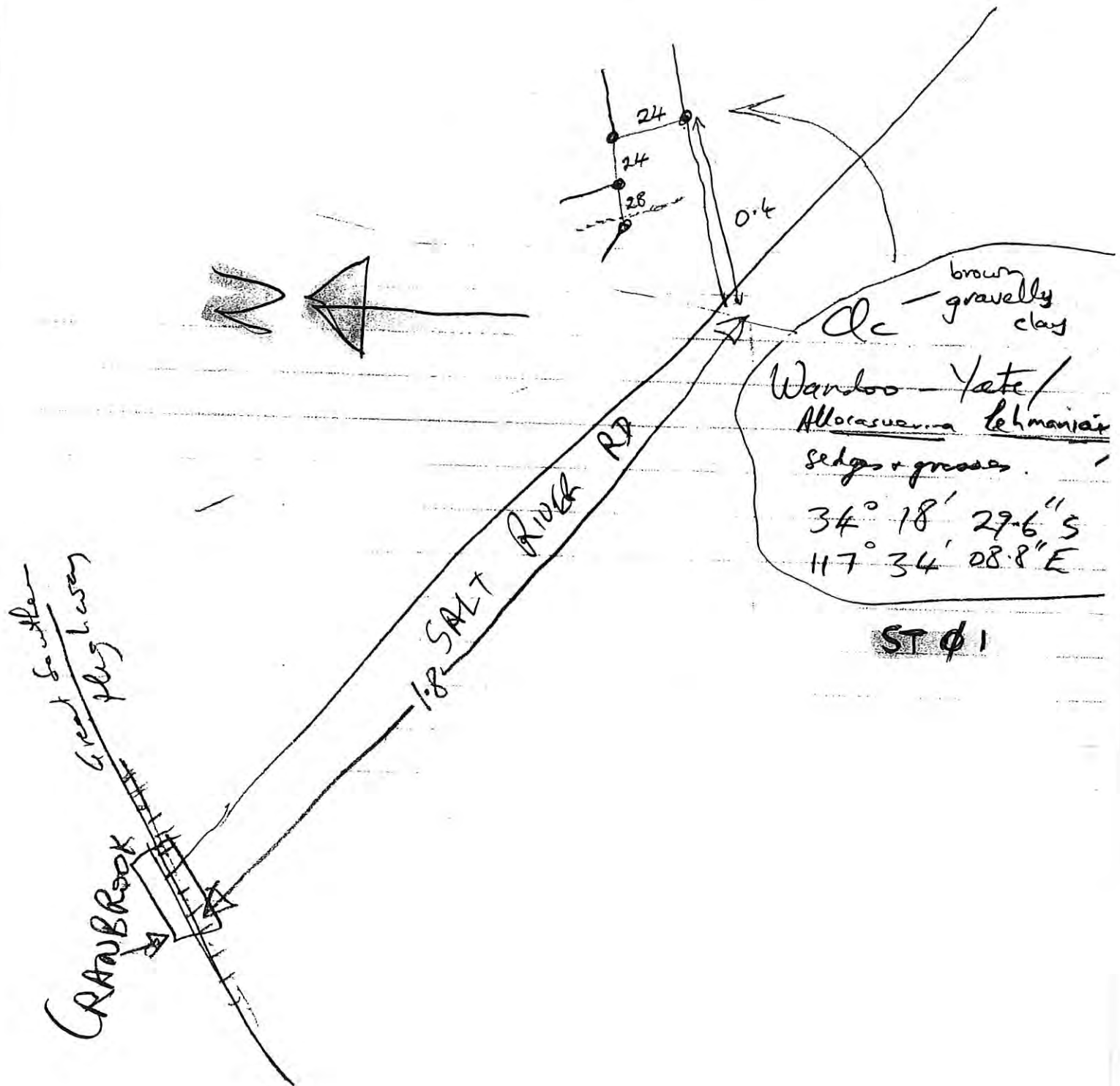
Wendy Bradshaw





Stirling ~~Ranger~~ ~~Area~~ Geology Area

Craunbrook Water Supply Reserve
2 km SE of Craunbrook



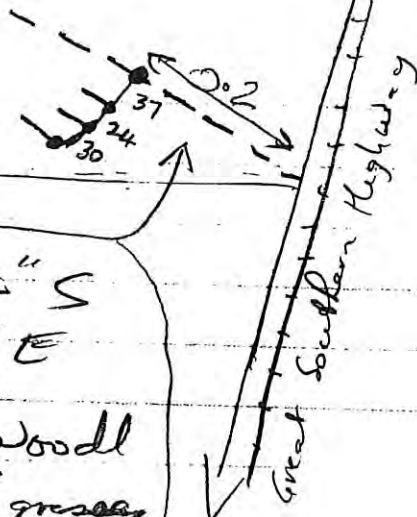
Wansbrough Nature Reserve
19 k NE of Cranbrook

24
30

West Hessel Rd

ST 11

Wansbrough



$34^{\circ} 09' 08.4'' S$
 $117^{\circ} 40' 08.5'' E$

Wardoo - Yate Woodl
over low shrubs, ^{herbs} + grasses
+ a few samphire

SALT AFFECTED BUT
NOT QUITE DEAD YET
Cc Brown sand/loam/clay



ST 02



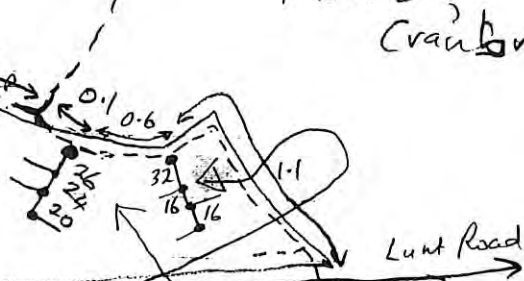
Ts Tertiary Sand
Jarrah/mixed ^{grasses}
heath (= Banksia
grander) of
Kunzea etc
 $34^{\circ} 21' 44.3'' S$
 $117^{\circ} 34' 06.9'' E$

Ninup Rd

Albany Highway

Longdown Rd

Tenterden XR
7 km S of
Cranbrook



ST 03

$34^{\circ} 21' 38.2'' S$
 $117^{\circ} 33' 43.4'' E$

Cz1 Gravelly loam
over pavement
at $\approx 0.5m$
Jarrah - Wardoo woodl
over low shrubs herbs

STIRLING SURVEY

≈ 50k South of Gnowangerup

Qa Creek Line
Flooded Gum + (Yate + Marri
over sedges + native grasses
+ Juncus pallidus + J. pauciflorus
34° 18' 01.1" S
118° 04' 02.5" E

ST 05

FORMBY SOUTH ROAD

ST 06.

34° 17' 57.2" S
118° 04' 18.6" E

Qc (= York)
York Gum
Jam
over
native grasses
berger + weeds
a few Yates +
a few Red Gums
Brown loam over
clay

SALT RIVER RD
2.0



STIRLING RANGE

NP

CAMEL LAKE NR northern edge of
Stirling Range NP

Q1 Samphire
clay/impealing layer
34° 15' 50.0"S
117° 57' 48.7"E

ST 08

ST 14 (Cza)

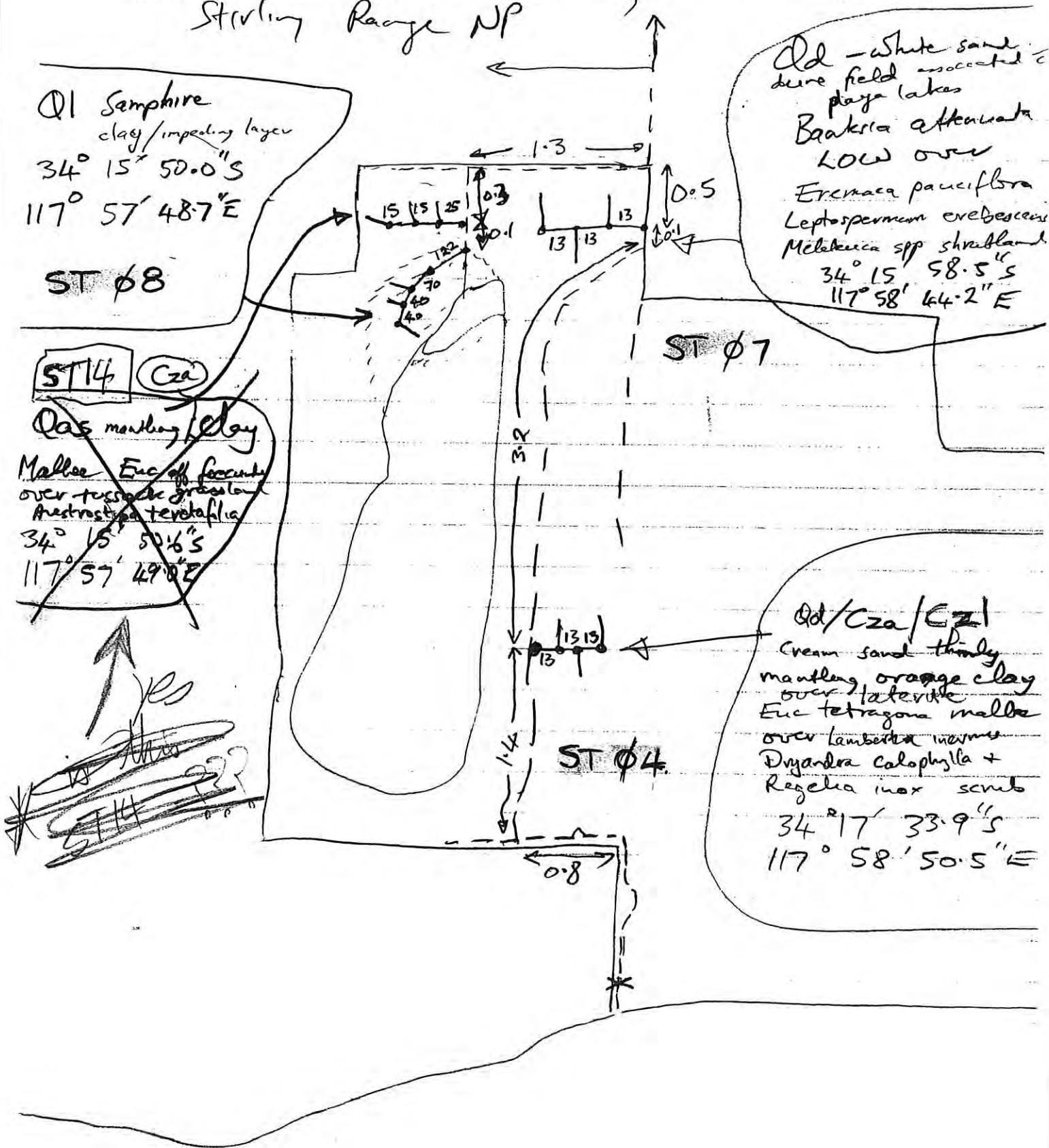
~~Qas mantling clay
Malbec Euc off forests
over tussock grassland
Astragalus teretifolia
34° 15' 50.6"S
117° 57' 49.0"E~~

Qd - white sand
dune field associated
playa lakes
Baobab attenuata
LOW over
Eremaea pauciflora
Leptospermum crebescens
Melaleuca spp shrubland
34° 15' 58.5"S
117° 58' 44.2"E

ST 07

ST 04

Qd/Cza/Cz1
Cream sand thinly
mantling orange clay
over laterite
Euc tetragona malbe
over Lambertia marne
Dryandra calophylla +
Regelia inox scrub
34° 17' 33.9"S
117° 58' 50.5"E



STIRLING SURVEY AREA

Anderson Lake NR

37 km ENE of
Cranbrook

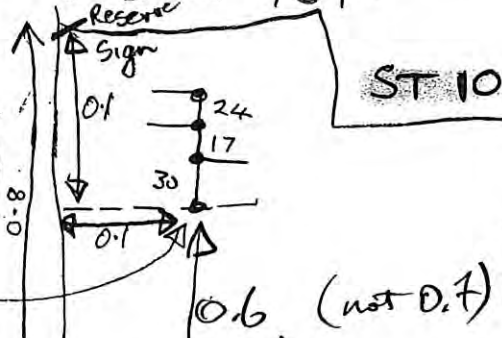
Eza/Age M

Free wood

Gravelly loam / mottled clay

$34^{\circ} 09' 40.1'' S$

$117^{\circ} 57' 06.6'' S$



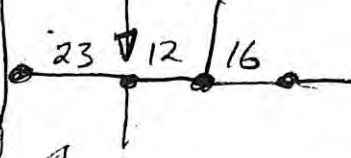
Brown

C25 Sandy loam & some gravel / clay

Mallee / Myrtaceae shrubland to 1.5m

$34^{\circ} 10' 03.7'' S$

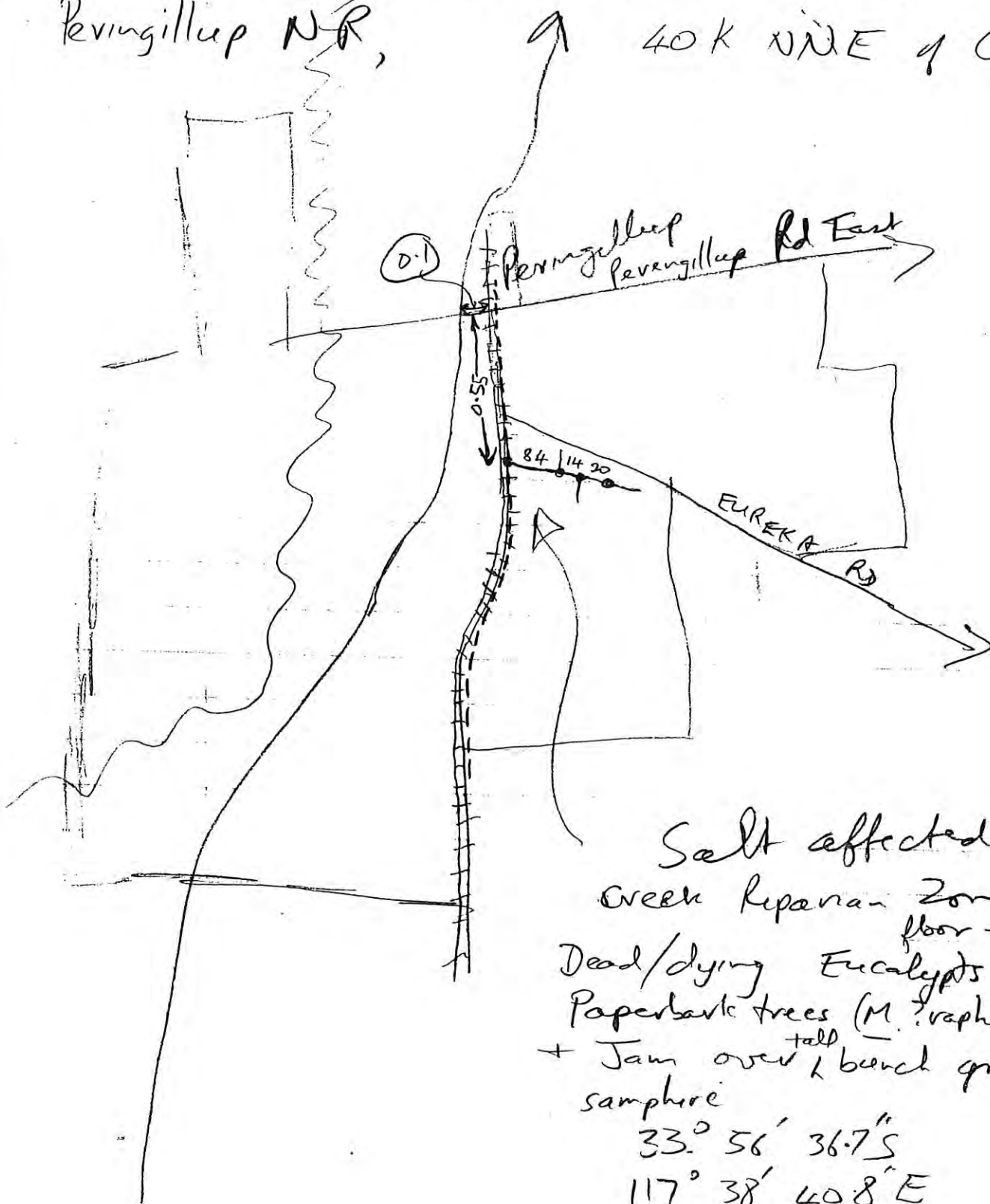
$117^{\circ} 57' 00.9'' E$



Lake Q1

ST 09

~~CRAB~~ STIRLING SURVEY AREA
 Pervigillup NR, 40 K NNE of Greenbush



Salt affected Ga
 Creek Riparian Zone valley
 floor - clay.
 Dead/dying Eucalypts (?vires
 Paperbark trees (*M. vaphuophylla*)
 + Jam over ^{tall} bunch grass +
 samphire
 33° 56' 36.7"S
 117° 38' 40.8"E

ST 12.

[AMG- 559574
 6243905]

Stirling Survey Area

Northern Boundary of Stirling Range NP.



56 this is ST24 ✓

yes



Yelmerup Rd

