

KLO1

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA SHAIL SITE NUMBER 81DATE TRIP 2-10-1997 RECORDERS N/M/G/SDATE TRIP 31-8-1999 RECORDERS NG/GK

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location SHACKELTON N RDGeographic Location Latitude 31 54 28.5 S Longitude 117 50 28.6 E Altitude
GPS Accuracy 2.1
Map Sheet

AMG

579544
6469450Photograph Name M Number 17Topographic Position (Circle the correct response)
Upland
Upper slope
Midslope
Lower slope
Valley
Washline
salt lake channel

2. SITE DATA Circle the correct response

Slope flat gentle steep Aspect N NE E SE S SW W NWSurface Soil clay Depth to Rock Colour greyExposed Rock type % surface cover NONE size rangeLitter logs % surface cover 2-10 Depth (cm) 2-20Bare Ground % surface cover 30-50

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES					MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m	
LIFE FORM			 			30m 10m
COVER CLASS (%)						
DOMINANT SPECIES						
SHRUBS					SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m	
LIFE FORM	 					2m 1m
COVER CLASS (%)	0 (dead)				36-70	
DOMINANT SPECIES	Melaleuca				Halosarcia Sarcocornia	
GRASSES		HERBS		SEDGES		
				over 0.5m	under 0.5m	
LIFE FORM	 	 	 			1m
COVER CLASS (%)	2-10	2-10				
DOMINANT SPECIES	Weeds	Mixed				

4. VEGETATION CONDITION

Comments

salt affected Mel shrubland

NB

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

c. Column 3 flowering time TICK if species flowering

• Column 3: Flowering time- tick mark

Flooded 1999

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
MALLEES				GRASSES							
				<i>Hordeum maritimum</i> -							
				<i>Polypogon monspeliensis</i> -							
SHRUBS								SEDGES			
// <i>Halosarcia indica</i> ssp <i>biden</i> -								31-8-1999			
// " <i>halocnemoides</i> <i>leptoclada</i> ssp <i>indica</i> (VSP) -								<i>Crossula natans</i> -			
+ // <i>Sarcocornia quinquefolia</i> -								<i>Ruppia bopilaeana</i> <i>preisii</i> - (VSP)			
				HERBS							
				<i>Cotula australis</i> -							
				// <i>Spergula rubra</i> / <i>salina</i> -							
				// <i>Pogonolepis angustifolia</i> <i>preisii</i> -							
				// <i>Triglochin mucronata</i> -							

KLO2

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA SALT SITE NUMBER 01
 DATE TRIP 2-10-1997 RECORDERS N/M/G/S
 DATE TRIP 31-8-1999 RECORDERS NG/G/K
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location SALT RIVER NR

Geographic Location Latitude 31 57 41.1 S Longitude 117 56 15.5 E Altitude
 GPS Accuracy 2.9
 Map Sheet

Photograph Name ML Number 16

Topographic Position (Circle the correct response)
 Upland Lower slope
 Upper slope Valley
 Midslope Washline
hill above salt lake system

2. SITE DATA Circle the correct response

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

Surface Soil sandy clay Depth to Rock Colour red-brown

Exposed Rock type % surface cover NONE size range

Litter + wigs, lvs % surface cover > 70 Depth (cm)

Bare Ground % surface cover 10-30

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	<i>Euc. salmon</i> <i>Euc. loxoph</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>Euc. aphyll</i>				<i>Atriplex vesic</i> <i>Sclerol. diac</i> <i>Rhagodia</i>
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		10-20			
DOMINANT SPECIES		<i>Eremophyll ramos</i>			

4. VEGETATION CONDITION

Comments

patches grassy weeds, ? grazed in past
scattered succulent weeds

20 x 20

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

SITE No SALT 01

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. myriadena ✓

Date 2-10-1997

31-8-1999

[illegible]

Yardley NR

KLO3

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA YARD SITE NUMBER 01DATE TRIP 2-10-1997 RECORDERS N/M/GSDATE TRIP 31-8-99 RECORDERS NG/GK

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location YARDLEY SIDING EASTGeographic Location Latitude 31° 54' 58" S Longitude 117° 58' 57.3" E Altitude
GPS Accuracy 3.9
Map SheetPhotograph Name ML Number 15Topographic Position (Circle the correct response)
Upland Lower slope
Upper slope Valley
Midslope Washline
above saline creek

2. SITE DATA Circle the correct response

Slope flat gentle steep Aspect N NE E SE S SW W NWSurface Soil sand Depth to Rock _____ Colour yellowExposed Rock type _____ % surface cover NONE size range _____Litter twigs, stems vs % surface cover 30-70 Depth (cm) _____Bare Ground _____ % surface cover) 30-70

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		2	
DOMINANT SPECIES		Banks. prion		Xylomel. ang	

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		10-30			2
DOMINANT SPECIES		Myrsine hook Eremodia favc Leptosperm			

GRASSES		HERBS		SEDGES	
	over 0.5m		under 0.5m		under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10	2			10-30
DOMINANT SPECIES	Neurachne alop	mixed			Lepidobol

4. VEGETATION CONDITION

Comments

very good ? grazed in past
long unburnt, rabbits, kangaroos now

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 YARD 01
Date 2-10-1997
31-8-1999

Record on Sheet

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Banksia prionotes -	✓							Isotoma hypocat -			
								Thysson ? thyr -			
								Lomand caespito -	✓		
								Ceratogyne obidn -			
								Actinobole uligin -	✓		
								Gnephosis angianthodes -			
								Lobelia gibbosa -			
MALLEES								Wahlenberg preuss -			
Xylomelon angustif -	✓							Laxmannia palacea -			
				GRASSES				Senecio gloss -			
				Stipa elegantiss -	✓			Drosera zonaria -	✓		
				Neurach diopec -	✓						
				Stipa trichophylla -		usp					
SHRUBS				Vulpia myuros -				SEDGES			
Eremala paucifl paucif -	✓			Amphipog turbin -	✓			Lepidobol : chaetac -			
Melaleuca leptosperma -	✓			Danthonia -				Schoenus subflavus -		usp	
Comesperma integrum -	✓			Stipa compressa -		✓		Mesomplasma preissii -			
Calylrix sapphrina -	usp	✓		Aira coryophylla -		✓		Schoenus II -		usp	
Cassutha -				hookeriana -				Lepidosperma viscidulum -		usp	
Lisevillea hookeriana ssp -	hookeriana			HERBS				Schoenus (five as many others) -			
Leptospermum erubesc -	✓			Pterostylis insertifera -							
Cassutha -	✓			Waitzia acumin -	✓						
Rhagodia drummondii -	usp			Ursinia anthem -	✓						
Comesperma scopar -	✓			Hypochaeris glabra -	✓						
Acacia lasiocarpa var bracteolata -				Istylid repens -	✓						
Alyxia buxifol -	✓			Podolthea gnaphal -	✓						
Opsecularia vag -	✓			" - Canlaust -	✓						
oleocia axillaris -			✓	Drosera macrantha -							
(Myrtaceae sp)			✓	Blenospora drum -	✓						
			✓	Parenthulcella lat -							
Clematis (delicatula) -	31/8	✓		Trachym cyanop -	✓						
Billardiera lehmanniana -	usp			Thysanot mangal -	✓						
				Gnephosis tenuissim -							

ADJ Euc salicola - 2/10/97.

Millotia perpusilla 2/10/97.

small reserve NW Bruce Rock

KL04

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA BRKW SITE NUMBER 01

DATE TRIP 2-10-1997 RECORDERS N/M/G/S

DATE TRIP 31-8-1999 RECORDERS NG/KK

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

See Norris map.

Road Location SIPPE RD

Geographic Location Latitude 31 51 45.8 S Longitude 118 06 26.6 E Altitude 14
GPS 25 Accuracy 4.3 2.0
Map Sheet 1:100,000

Photograph Name ML Number 14

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 sandy clay Depth to Rock ? Colour red-brown ^{pale}

Exposed Rock type _____ % surface cover NONE size range _____

Litter twigs, lvs % surface cover 30-70 Depth (cm) _____

Bare Ground % surface cover 30-50

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		2		
DOMINANT SPECIES	<i>Euc. capillosa</i> <i>E. salmonop</i>		<i>Ac. acumin</i>		
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<2		10-30		<2
DOMINANT SPECIES	<i>Sant. acum</i>		<i>Daviesia</i> <i>grev. acutaria</i>		
GRASSES		HERBS	SEDGES		
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	10-30	10-30			
DOMINANT SPECIES	<i>Stipa elegant</i> <i>Avena</i> <i>Ehrh. longifl</i>	<i>Trachym. cyan</i> <i>Brachycome</i> <i>kom. diffusa</i>			

4. VEGETATION CONDITION

Comments

weedy - shrubs v. good

ground layer - weedy grasses invading

* 17/7/01 - Grevillea aquaria on cover sheet but not here * add 4/12/01.

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 BRKW 01
Date 2-10-1997
31-8-1999

Record on Sheet

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

Mel. laterifl. -
Mel. uncin. - (-preissii)

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. capillosa -	✓							Waitzia acumin -	✓		
Euc. salmonophloia -	✓							Rhodanthe laevis -	✓		
								Arthropodium cf preissii	21/8		
								Lomandra effusa -	✓		
				Vulpia myuros		✓		Wahlenb. gracilentia	✓		
						✓		Hydrocotyle rugulos -			
						✓		Zaluznikia diuor -			
MALLEES				Austrodanthonia acrota -				Triglochin calcar -	✓		
				GRASSES				Trachymene ornata -	✓		
				Danthonia		✓		Podolepis pepperi -	✓		
				Stipa elegantiss -		✓		Goodenia lherardiana -			
SHRUBS				Eriharta laetiflora -				Senecio glossanth -	✓		
Acac. erinacea -	✓			Vulpia myuros -				Crassula (peduncularis)	✓		
Acac. acuminata -	✓			Avena barbata -	3/8			SEDGES			
Santalum acumin -	✓			Pentstemon aroid -				Calandrinia Egramulif -	✓		
Acacia Eremophila? drum -	✓			Bromus rubens -		✓		Hydrocotyle pilif glabr -	✓		
Acacia (treli) eremophila drum -	✓			Aira caryoph -				Podotrocha anallust -			
Rhagad drum -	✓			Lolium rigidum -				Eriophyllum ramosum -			
Daviesia bentham benthami -	✓			HERBS							
Acacia hemiteles -	✓			Trachymene cyanop -	✓			21/8/99			
Westring rigida -	✓			Dianella revol -	✓			Erodium aureum -	✓	3/8	
Enchylaena stom -	✓			Daucus glochid -	✓			Hyalospermum demisc -		3/8	
Sclerolaena diacantha -	✓			Podolepis capillaris (white) -	✓			Podolepis canescens -	3/8		
Amesema miquellii -	✓			Brachycome perpusilla -	✓			Calandrinia eremaea -	2/8		
Senna artemisoides ssp artemis -	usp			Hypochaeris glabra -	✓			Brachycome iberidifolia	3/8		
				Actinobola uligin -	✓			Osteospermum clandest -	3/8		
				Crassula colorat -				Comaspermum integrum -	3/8		
				Plantago cf hisp -	✓			Ceratogone obsidnoides -	✓		
				Calotis hispida -	✓			Vellula cynopos -	3/8		
				Erodium cyanor -	✓			Lemnacei burkittii -	3/8		
				Chthonocroph pseudov -	✓			Podolepis lessonii -			
				Thysanot mangl -				Pl. lotus gaudich -			

DD Eriophyllum sp. lissophloia 2/10/97.

Rhodanthe pygmaea (usp) -
Acacia verrucosa 3/8 -

Plantago cf. hispida -
Centrolepis cephaliformis -

KLO5

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA COM1 SITE NUMBER Ø1

DATE TRIP 1-10-1997 RECORDERS N/M/G/S

DATE TRIP 31-8-1999 RECORDERS ~~31/8/1~~ NG/GK

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 31 45 31.6 S Longitude 118 03 56.7 E Altitude
GPS Accuracy 5.0
Map Sheet

Photograph Name ML Number 12

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 gitty clayey sand Depth to Rock 25/30cm Colour white

Exposed Rock type granite % surface cover NONE size range

Litter twigs, lvs _____ % surface cover 10-30 Depth (cm)

Bare Ground _____ % surface cover) 30-50

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

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. capillosa				
	SHRUBS				SHRUBS
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					2-10
DOMINANT SPECIES					Grevillea panic Hakea lissoc
	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	10-30			10-30
DOMINANT SPECIES	Neurachne alopec	Borja sphaeroc			Desmodium aspera

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 COM, 01

Record on Sheet

Date 1 - 90 - 1997

31-4-1999

- Column 1 plant name

- Column 2 plant number

• **Column 3** **flowering time-** TICK if species flowering

- **Column 4** **identification** **check**

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. capillosa -	✓							Trachymene cyanop-			
								+ rosera -			
								Gonocarpus nodulos.			
								Wahlenbergia preiss -			
								Hydrocotyle calliandra -			
								Hypochaeris glabra - ✓			
MALLEES								Drosera menzies -			
								Ptilotus mangifera - ✓			
				GRASSES				Arctotheca calendula - ✓			
				Newachne alopecuroid - ✓				Erodium cygnor - ✓			
				Amphipogon strictus - ✓				Drosera subhirtella subhirtella -			
				Pentstemonis air -				Laxmannia squarrosa - ✓			
SHRUBS				Ara coryophylla -				Thelymitra aff macrophylla -			
Hakea lissocarpha - ✓				Vulpia myuros -				SEDGES			
Grevillea panhiculata - ✓				Schismus/Rostoria Avellina mullii -				Desmodium asper - ✓			
Dampiera lavandulac - ✓				Stipa trichophylla -				Schoenus nanus -			
Dillwynia cinerascens - ✓				" elegantissima -				Lepidosperma angustat - ✓			
Opetularia vagin -								leptodermum -			
Adacia ? sessilis -				HERBS							
Opetularia vagin				Stackhouseia pubescens - ✓							
31/8/1999				Arthropod capillipes - ✓				Lomandra musronata -			
Templetonia aculeata - 3/18 VSP				Diuris recurva - ✓				Prasophyllum macrost -			
Quinetia urvilletti - 2/18				Martzia acumin - ✓				(plus) Chaemase corymb (latifol) -			
Komulca rosea - 2/18				Podolepis lessonii - ✓				Cyanicula deformis -			
Panicula deformis -				Drosera glandulig - ✓							
				Borja sphaeroborph - ✓							
				Ursinia anthenoid - ✓							
				Podolepis canescens - ✓				Caladenia (pink) - ADJ -			
				Parentulcellia latifolia - ✓							
				Arthropodium capillipes -							
				Drosera glanduligera -							
				Vellcia cycnapt -							

Phyllanthium paradoxum. -

KL06

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA COM1 SITE NUMBER Ø2
 DATE TRIP 1-10-1997 RECORDERS N/M/G/S
 DATE TRIP 31-8-1999 RECORDERS NG/GK
 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 31°45'23.0" S Longitude 118°01'55.6" E Altitude
 GPS Accuracy 3.5
 Map Sheet

Photograph Name ML Number 13

Topographic Position

Upland

Upper slope

Midslope

Lower slope

Valley

Washline

(Circle the correct response)

2. SITE DATA Circle the correct response

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

Surface Soil sand Depth to Rock variable Colour yellow

Exposed Rock type laterite % surface cover <2 size range pebbles

Litter twigs, logs, lvs % surface cover 30-70 Depth (cm) 2-20

Bare Ground % surface cover) 30-50

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					
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. burracoppin</i>
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30		2-10		2-10
DOMINANT SPECIES	<i>Allocas. camp</i> <i>Hakea francis</i>		<i>Brachyloma</i> <i>Phorbium</i> <i>Melal. cord</i>		<i>Cornesperm. spinos</i> <i>Dryandra</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	< 2	< 2	2-10	2-10	
DOMINANT SPECIES			<i>Ecdeicola</i>	<i>Schoen. (cushion)</i> <i>Lepidobolus</i> <i>Lepidosperma</i>	

4. VEGETATION CONDITION

Comments

long unburnt!

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 COM1 02

Record on Sheet

Date 1-10-1997

31-8-1999

KL06

- 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

~~✓ Phebalium~~ ~~sub/leaf~~ ~~turnerulaceum~~ = 31/8/99 dimidia (vsp)

✓ Acacia beauverdiana -

✓ Dryandra purdieana -

Caladenia tartarus

Dryandra cristoides

Vulpia myuros -

Crassula colorata -

Halimolobos laevigata -

Thysanotus (sterile) - 3/8

MALLEES

GRASSES

Neurachne alopec -

Stipa elegantiss -

SHRUBS

Allocas acutivalv -

Allocas campestris -

Aakea franciskiana -

Brachyloma preissii -

Melaleuca cordata -

Phebalium filifolium -

Comesperma spinosa -

Hibbertia rostellata -

Beyeria brevifolia -

Cassipourea -

Melaleuca grey -

Baeckea zelandica -

Micromyrtus racemosa -

Eucalyptus -

Chamaelirium drummondii -

Grevillea hookeriana -

Astroloma serrata -

Platysace commutata -

Persea trinervis -

Hebe -

Hebe -

Hebe -

Hebe -

Hebe -

Hebe -

HERBS

Stylidium brevicaule -

Lakmann palacra -

Blennospora drummondii -

Drosera macrantha -

Rhodanthe larvis -

Ceratophyllum demersum -

Portulaca -

Portulaca -

Portulaca -

Portulaca -

Portulaca -

Portulaca -

Portulaca -

Portulaca -

Portulaca -

Portulaca -

Portulaca -

Portulaca -

SEDGES

Ecdiocarpus -

Schoenus -

Schoenus -

Lepidobolus chaet -

Lepidosperma drummondii -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Leptomeria (ADJ) -

Hibbertia reeuvifolia -

KOJI KOJI NA

KL07

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA KOJK SITE NUMBER 01DATE TRIP 1-10-1997 RECORDERS N/M/G/SDATE TRIP 31-8-1999 RECORDERS NG/GK

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 31 26 50.8 S Longitude 117 46 41.4 E Altitude
GPS Accuracy 4.2
Map Sheet

Photograph Name ML Number 10

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 sandy clay Depth to Rock >50 cm Colour red-brown

Exposed Rock type granite % surface cover none size range —

Litter logs, lvs, twigs % surface cover 70-90 Depth (cm) 2-20

Bare Ground % surface cover 10-30

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES				MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM			 		
COVER CLASS (%)	2-(10)				
DOMINANT SPECIES	<i>Euc. capillosa</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>Olearia muelleri</i> <i>Ac. erinac</i> <i>Acacia</i>

GRASSES		HERBS	SEDGES	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	2-10			
DOMINANT SPECIES	<i>Amphipogon</i>	<i>Lom. effusa</i>			

4. VEGETATION CONDITION

Comments excellent

Koji Koji NR

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 KOJK 01

Record on Sheet

Date 1-10-1997

31-8-1999

- 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
Euc. capillosa -	✓						✓	Goodenia berardiana -	✓		
							✓	Phyllanthus paradoxus -			
							✓	Hyalospermum demissum -	✓		
							✓	Ptilotus spathulifolius holosericeus -			
							✓	Hydrocotyle (medicaginis) -			
								Arctotheca calendula -			
								Eremophyllum ramosum -	✓		
								Rhodanthe mangiana -	✓		
MALLEES								Diuris drummondii paniculata -			
				GRASSES				Isoetopsis gramin -			
				Stipa elegant -			✓	Vellera cynopos -	✓		
				" trichophylla -			✓	Podolep Lessonii -	✓		
				Danthonia I -			✓				
SHRUBS	✓			Bromus diandrus rubens -				SEDGES			
Acacia erinacea -	✓			Danthonia II -				Drosera -			
" sp (acutata) -	✓		31/8/99	Stipa -				Lobelia (red wild weed) -	✓		
Olearia mulleriana -	✓							2118/99			
Sclerolaena diacantha -	✓							Arthropodium cf. preissii -			
				HERBS				Lawrenciella davenportii -			
				Lomandra effusa -			✓	Arena barbata -	✓		
				Podolepis capillaris -			✓				
				Rhodanthe laevis -			✓				
				Calotis hispidula -			✓				
				Waitzia acumin -			✓				
				Ursinia anthem -			✓				
				Ptilotus grandicaud -			✓				
				Asteridea cathartica -			✓				
				Trachymene cyanop -			✓				
				Goodenia berardiana -			✓				
				Hypochaeris glabra -			✓				
				Hyalospermum alutinosum -			✓				
				Erodium cicutarium -			✓				

Amphibromus sp. Adul from cover sheet.

KL08

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DURA SITE NUMBER 01
 DATE TRIP 1-10-1997 RECORDERS N/M/G/S
 DATE TRIP 30-8-1999 RECORDERS NG/GK/A
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location DURRALOPPIN N.R.

Geographic Location Latitude 31 23 57.8 S Longitude 117 45 41.2 E Altitude
 GPS Accuracy 4.6
 Map Sheet KEILERBERRIN

Photograph Name ML Number 6

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

2. SITE DATA Circle the correct response

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

Surface Soil gritty s. clay Depth to Rock _____ Colour brown

Exposed Rock type granite % surface cover NONE size range _____

Litter logs, twigs, sticks % surface cover 50-70 Depth (cm) _____

Bare Ground % surface cover 0-10

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	2		
DOMINANT SPECIES		<i>Alloc. huegel</i>	<i>Acac. acum</i>		
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		2-10			10-30
DOMINANT SPECIES		<i>Leptospermum</i>			<i>Dodonaea</i> <i>Calytrix</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	10-30	30-70	10-30	2-10	
DOMINANT SPECIES	<i>Neurochne alopecuroides</i>	<i>Borreria sp.</i>	<i>Lepidosperma ? viscid</i>	<i>Lepidobotrys</i>	

4. VEGETATION CONDITION

Comments excellent

Suracoppin NR

5. SPECIES PRESCENCE

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

SITE No DURA 01

Record on Sheet

Date 1-10-1997

- Column 1 plant name

- Column 2 plant number

• Column 3 flowering time- TICK if species flowering

- **Column 4** **identification** **check**

ca llicarpa

Cyanula / ~~1400000000~~
ampl. -

KLO9

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DURA SITE NUMBER 04DATE TRIP 1-10-1997 RECORDERS N/M/G/SDATE TRIP 30-8-1999 RECORDERS NG/GK

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 31 24 22.6 S Longitude 117 45 16.9 E Altitude
 GPS Accuracy 3.2
 Map Sheet

Photograph Name ML Number 9

Topographic Position

Upland
 Upper slope
 Midslope

Lower slope
 Valley
 Washline

(Circle the correct response)

2. SITE DATA Circle the correct response

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

Surface Soil sand Depth to Rock Colour fawn-yellow

Exposed Rock type laterite % surface cover NONE size range

Litter twigs % surface cover 10-30 Depth (cm) 2

Bare Ground % surface cover 30-50

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

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES			MALLEES		
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			2-10		10-30
DOMINANT SPECIES			Acacia Grevillia Dryandra		Melaleuca (grey) Dry. cirs
GRASSES		HERBS	SEDGES	under 0.5m	
			over 0.5m		
LIFE FORM					
COVER CLASS (%)	< 20	10-30		20-100-30	
DOMINANT SPECIES	Nerachne	Borja constrict		Mesomel - Ecdicol. naon	

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 DURA 04

Record on Sheet

Date 1-10-1997

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

30 - 8 - 1999

[illegible]

✓ *H. Ghentia reticulata* 30/8 (VSP) -
✓ *Melaleuca leptosperma* (gray 1/10) -

"Calyptrix leschanaultii" -
(seen both Calyptrix.)

KL10

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DURA SITE NUMBER 03DATE TRIP 1-10-1997 RECORDERS N/M/G/SDATE TRIP 30-8-1999 RECORDERS NG/GK

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location Duracoppin NRGeographic Location Latitude 31 24 34.4 S Longitude 117 45 30.2 E Altitude
GPS Accuracy 4.6
Map SheetPhotograph Name ML Number 8Topographic Position (Circle the correct response)
Upland Lower slope
Upper slope Valley
Midslope Washline**2. SITE DATA** Circle the correct responseSlope flat gentle steep Aspect N NE E SE S SW W NWSurface Soil sand Depth to Rock Colour yellowExposed Rock type % surface cover NONE size rangeLitter twigs % surface cover 10-30 Depth (cm) 2-5Bare Ground % surface cover 50-70Dead standing
her. exsel

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	over 8m	under 8m
LIFE FORM				
COVER CLASS (%)				
DOMINANT SPECIES				
SHRUBS			SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	under 0.5m
LIFE FORM				
COVER CLASS (%)	2-10		2	10-30
DOMINANT SPECIES	<i>Xylom. angust</i> <i>Grev. exsels</i>		<i>Allocas. camp</i> <i>Grev. integ</i>	<i>Beaufortia</i> <i>Mitchelia</i>
GRASSES		HERBS	SEDGES	under 0.5m
	over 0.5m			
LIFE FORM				
COVER CLASS (%)	<2	<2	10-30	
DOMINANT SPECIES			<i>Eccleisoclea monost</i>	

4. VEGETATION CONDITION

Comments

excellent
long unburnt, lots standing dead
Grevillea exselsior

5. SPECIES PRESCENCE

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

SITE No DURA 03

Record on Sheet

Date 1-10-1997

- Column 1 plant name

• Column 2 plant number

• Column 3 flowering time- TICK if species flowering

- **Column 4** **identification** **check**

Alloc. Huegel-

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Grevillea exelsior -		✓		Balchea ? cris biflora (str.) ✓				Ceratogynis oblong -			
Xylomelon angust -		✓		Acoria nigripilosa sp. nigripila = 1/10				Lomandra ? sphaeroc -			
MALLEES				GRASSES							
				Stipa elegantiss -		✓					
				Amphipogon strictus -		✓					
SHRUBS				Nerachne alopec -		✓					
Allocasuarina campestris -		✓		Danthonia -				SEDGES			
Verticordia (yellow) chrysanthos -		✓		Eriophorum dielsii (vsp) -				Federicola monost -			
Mitelia trilobata -		✓		Sporidium microcephalum (cl)				Schoenus (cushion) -			
Beaufortia mirabilis var pub -		✓		- Eriophorum spodioides)				Mesomelaena preuss -			
Stenanthemum -		✓		HERBS				Lepidobolus chaet -			
Acacia multispicata -		✓		Trachymene cyanop -		✓		30/8/99			
Comesperma scoparium -		✓		Blennhospora drumm -		✓		Patersonia drummondii -			
Melaleuca (grey) leptosp -		✓		Thysanot pat -		✓		Paladenia sericans climidra -			
Astroloma serratif -		✓		Warrizgia acum -		✓		Leucopogon -			
Verticordia picta - vsp ✓				Velleia cynopot -		✓		Drosera masantha -			
" 3 roei -				Hyalosperm demiss -				Hypoch. alabra -			
Baronia spinesc -		✓		Trachym ornata -				gloph. (viscid yellow) -			
Synaphaea (DURAZ) constricta -		✓		Goodenia beraediana -				Arctotheca calend -			
Opercularia vagin -		✓		Podothea angust -							
Grevillea didymobot didy -		✓		Rhodanthe labuis -		✓					
Beaufortia -		✓		Schoenus nanus -							
Hibbertia tunc rostellata -		✓		Stylidium virens var adpressum (vsp) -							
Elissroch aureum -		✓		Charmann palac -							
Melaleuca (cordata) cordata -		✓									
Leptospermum -		✓									

benzene & benzene ^{nitride} VSP

KLII

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DURA SITE NUMBER 02

DATE TRIP 1-10-1997 RECORDERS N/M/G/S

DATE TRIP 30-8-1999 RECORDERS NG/GK

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location DURA COPPIN NR

Geographic Location Latitude 31 24 09.3 S Longitude 117 45 43.9 E Altitude
GPS Accuracy 3.3
Map Sheet

Photograph Name ML Number 7

Topographic Position (Circle the correct response)
Upland Upper slope of dune Lower 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 sand Depth to Rock Colour white

Exposed Rock type % surface cover none size range

Litter twigs, lvs % surface cover 10-30 Depth (cm)

Bare Ground % surface cover 30

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

3. VEGETATION STRUCTURE AND COVER

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

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

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

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		30-70			16-30
DOMINANT SPECIES		Leptosperm Eremodea			Alloc. hum Synaphea Hakea liss

GRASSES		HERBS		SEDGES		SEDGES		
				over 0.5m		under 0.5m		
LIFE FORM								
COVER CLASS (%)	2-10	70-30				10-30		
DOMINANT SPECIES	Amph. turbin	Conostylis Dros. zonar				Mesomet - Lepidob -		

4. VEGETATION CONDITION

Comments

excellent

KL11

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE
 SITE No DURA 02
 Date 1-10-1997
 30-8-1999

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				Cassipou				Podotrocha angust-			
								Thys pat	✓		
								Phrostylis 7-raba			
								Lomand suaeu-	✓		
								Wrightia acumin-	✓		
								Stylid. nungariense-			
								Elytranthera brunonis-			
								Brachycome ibariid-			
MALLEES	No	FI	ID	GRASSES	No	FI	ID		No	FI	ID
				Amphipog turbin-	✓						
				Neracul alopecur-	✓						
				Stipa hemipogon (vP)	✓						
SHRUBS	No	FI	ID		No	FI	ID	SEDGES	No	FI	ID
Leptospermum erubesc-	✓	vsp						Mesomplasma preissiana-preissiana			
Eremodia panic ssp panic-	✓	vsp						Schoenus subflavus			
Alloca microstachy-	✓							Schoenus sp	✓		
Synaphea constrictus (vP)				nigripilosa ssp nigripilosa-				Lepidobolus chaet-			
Albacia (as bt) DURA 3	✓			purpurea (vP)				Leptidosperma (keto)			
Cryptandra autans	✓			HERBS	No	FI	ID	Schaefferia III			
Alloca humilis	✓			Buxa sphaerocephala-	✓						
Gompholob obcordatum	✓	vsp		Arctostaphylos calendula-	✓						
Hakea lissocarpa-	✓			Conostylis petrophiloides							
Dodonaea ceratocarp-	✓			Stylidium petiolare amara	✓						
Lasianthus (Nemcia)	✓			Paltrsonia drumm-							
Leucopogon conosteph-	✓			Chaem spiralis-							
Melaleuca leptospermoides	✓			Drosera zonaria-	✓						
Oleoria axillaris-	✓			" " menziesii rayg (vP)	✓						
Beckea preissiana-	✓			Ursinia anthem-	✓						
Oppeccularia vagin-	✓			Stylid pilifer-	✓						
Nemcia spatulata-	✓	vsp		Trachym Sornata-	✓						
				Ceratogone oblon-	✓						
				Blennosp drumm-	✓						

sargentii

PALE BASICS.

"UNICUP" (vP)

30/8/1999

Podolepis canescens
 4-100chaerus alabra

Stipa elegantiss-
 Leptopogon Scampl...

Caladenia Clava
 Crassula colorata
 Caladenia varians

KL12

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA BAAN SITE NUMBER 01
 DATE TRIP 1-10-1997 RECORDERS N/M/G/S
 DATE TRIP 31-8-1999 RECORDERS NG/GK
 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 32 22 28.9S Longitude 117 56 13.3 E Altitude
 GPS Accuracy 2.9
 Map Sheet KELLERBERRIN 1:100,000
Tidyning

Photograph Name ML Number 5

Topographic Position

Upland
 Upper slope
 Midslope

Lower slope
 Valley
 Washline

(Circle the correct response)

2. SITE DATA Circle the correct response

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

Surface Soil loam Depth to Rock _____ Colour red-brown

Exposed Rock type _____ % surface cover NONE size range _____

Litter logs, twigs, lvs % surface cover < 70 Depth (cm) _____

Bare Ground _____ % surface cover) 30-50

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 (%)	2-10				
DOMINANT SPECIES	<i>Euc. salub</i> <i>Euc. salmon</i>				

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10		10-30	10-30	
DOMINANT SPECIES	<i>Sant. acun</i>		<i>Ac. hemiteles</i>	<i>Ac. erinac</i> <i>Ac. merrallii</i> <i>Olearia muelleri</i>	

GRASSES		HERBS		SEDGES	
	over 0.5m		under 0.5m		under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10	< 2			
DOMINANT SPECIES	<i>Stipa trichop</i> " <i>eleg</i>	<i>Dianella rev</i>			

4. VEGETATION CONDITION

Comments

Comments good - very good : grazed in past
heavy weed invasion along creeks, roads

20x20

name if required

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

Record on Sheet

KU12

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

Same

[illegible]

KL13

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CUTT SITE NUMBER Ø1DATE TRIP 3-10-1997 RECORDERS N/M/G/SDATE TRIP 31-8-1999 RECORDERS Ng/gk

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 31 43 56.9 S Longitude 117 46 59.0 E Altitude 574179
GPS Accuracy 2.4
Map Sheet 6488938

Photograph Name ML Number 29

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 loam **Depth to Rock** _____ **Colour** red-brown

Exposed Rock type _____ % surface cover NONE size range _____

Litter twigs, bark, lvs % surface cover 30-70 Depth (cm) 2-5

Bare Ground % surface cover) 30-70

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES				MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	2-10				
DOMINANT SPECIES	<i>Euc. salmon</i>				
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		2			2
DOMINANT SPECIES		<i>Evemophila</i> <i>Ac. hemiteles</i>			<i>Wrestlingia rigida</i> <i>Ac. sinac</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM	<i>Danthonia</i> 				
COVER CLASS (%)	10-30	2			
DOMINANT SPECIES	<i>Stipa trichophy</i> " eleg				

4. VEGETATION CONDITION

Comments

? past grazing

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA B00L SITE NUMBER I

DATE TRIP 4/9/1997 RECORDERS L/M/N/G

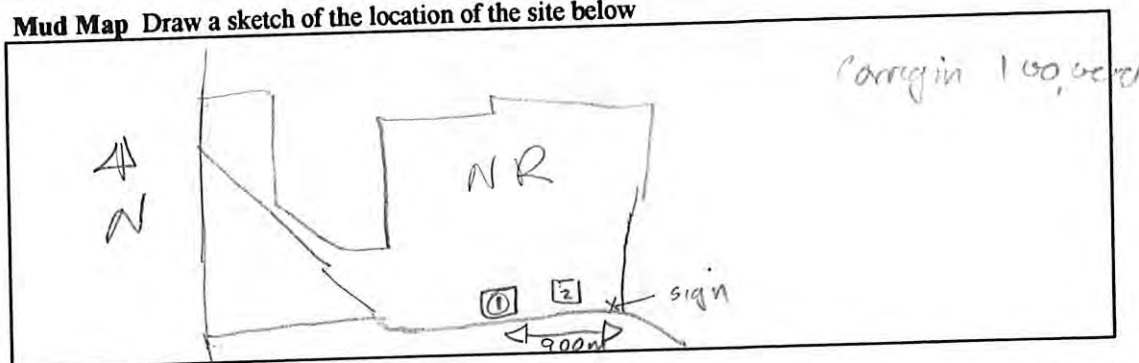
DATE TRIP 31-8-99 RECORDERS NG/GK

DATE TRIP _____ RECORDERS _____

KL 14

1. LOCATION of the QUADRAT

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



Road Location

Geographic Location Latitude 32 07 22.9 S Longitude 117 46 37.0 E Altitude 573290
 GPS Accuracy _____
 Map Sheet Corrigin 1:100,000 HDOP 3.2

AMG
573290
6445651

Photograph Name NG Number 19

Topographic Position (Circle the correct response)

<u>Upland</u>	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 sand **Depth to Rock** _____ **Colour** yellow

Exposed Rock type _____ % surface cover NONE size range _____

Litter Stems, twigs, lvs % surface cover 10-30 Depth (cm) _____

Bare Ground % surface cover 30-50

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 (%)					10-30
DOMINANT SPECIES					<i>Euc. macrocarpa</i>
	SHRUBS			SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM	 				
COVER CLASS (%)	2		10-20		2
DOMINANT SPECIES	<i>Grev. exsebia</i>		<i>Allocas camp</i> <i>Dryandra</i>		<i>Hakea incrass</i>
	GRASSES		HERBS	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM	 		 	  	 
COVER CLASS (%)	2-10				30-70
DOMINANT SPECIES	<i>Amphip. tub</i> <i>Neracine al</i>				<i>Lepidob</i> <i>Meibomd. stygia</i> <i>Schoenus</i>

4. VEGETATION CONDITION

Comments

excellent

20 x 20

same

cal-
cutu:
(V₃W)

- of several

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA BOOL SITE NUMBER 2

KL15

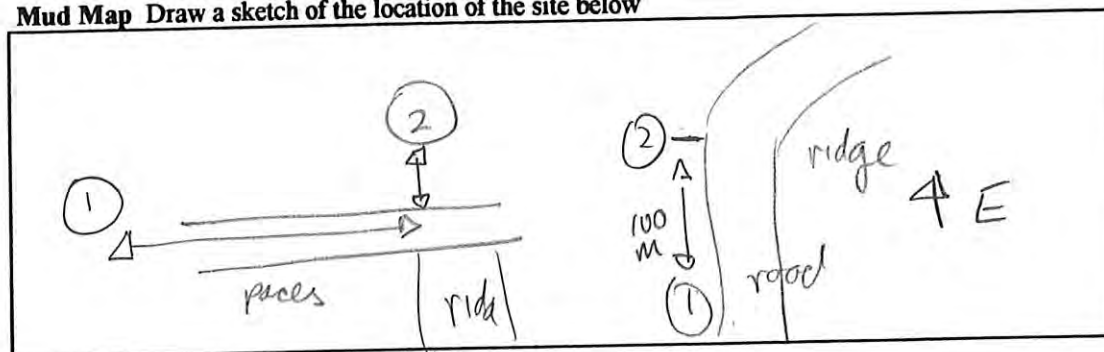
DATE TRIP 4-9-1997 RECORDERS L/M/N/G

DATE TRIP 31-8-99 RECORDERS NG/GK

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 32 07 20.9 S Longitude 117° 46 45.6 E Altitude 573515
GPS Accuracy 400P 3.1
Map Sheet 6445711

Photograph Name NG Number 20/21

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 Sand **Depth to Rock** **Colour** yellow

Exposed Rock type latitic % surface cover 30/70 size range 2-20cm rocks

Litter stems (Cas) twigs % surface cover 30-50 Depth (cm) 2-5

Bare Ground % surface cover 10-30

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

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.

record	appropriate line item	cover	class	year	
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		10-20	2-10
DOMINANT SPECIES		<i>Allocas camp</i> <i>Dryandra cymar</i> <i>Hakea scop</i>		<i>Bank. sphæro</i>	<i>Vertic. chrys</i> <i>Hibb unc</i> <i>Mel. (grey)</i>

GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	2			2-10
DOMINANT SPECIES	<i>Neuradme</i>	<i>Conostyl. andro</i>			<i>Desmodiad -</i> <i>Schoenus -</i> <i>Mesomelacna</i>

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE	
SITE No	BOOL 2
Date	4-9-1997
	31-8-1999

Record on Sheet

- KL15

negative - oxygen (USO)

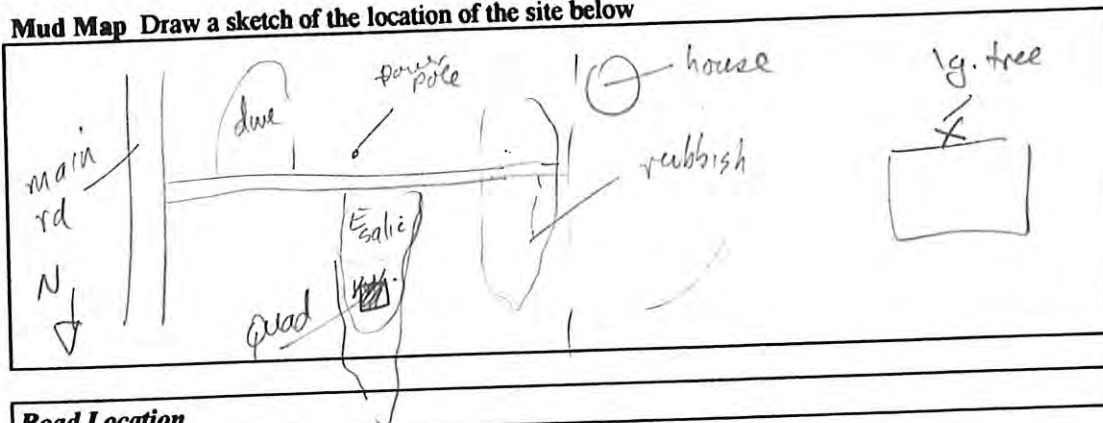
KL16

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA HINE SITE NUMBER Ø1
 DATE TRIP 3-10-1997 RECORDERS N/M/G/S
 DATE TRIP 23/8/1999 RECORDERS NG/GK/HW
 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 31 34 23.3 S Longitude 118 04 16.6 E Altitude
 GPS Accuracy 7.1
 Map Sheet

AMG
 601657
 6506367

Photograph

Name MLNumber 26

Topographic Position

Upland
 Upper slope
 Midslope

Lower slope
 Valley
 Washline

(Circle the correct response)

sand dune in saline fresh

2. SITE DATA Circle the correct response

Slope flat gentle steep Aspect N NE E SE S SW W NW
 Surface Soil sandy clay Depth to Rock _____ Colour fawn
 Exposed Rock type _____ % surface cover NONE size range _____
 Litter logs, twigs, lvs % surface cover 10-30 Depth (cm) 2-10
 Bare Ground _____ % surface cover 70

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

3. VEGETATION STRUCTURE AND COVER

3. VEGETATION STRUCTURE AND COVER

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

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

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10			2-10	
DOMINANT SPECIES	<i>Templetonia sulc</i> <i>Alyxia buxif</i>			<i>Olearia ax</i> <i>Westringia</i> <i>Rhago</i>	

GRASSES		HERBS	SEDGES	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	L2	10-30			
DOMINANT SPECIES	<i>Stipa eleg</i> <i>Bromus</i>	<i>Lomandra effusa</i> <i>Angianthus</i>			

4. VEGETATION CONDITION

Comments

^svery good

saline increasing - all Mel's dead in
channels surrounding

KL16

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20820

5. SPECIES PRESCENCE

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

SITE No HINE 01

Record on Sheet

Date 3-10-1997

13/8/1999

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

same

Hydrochloa longifolia -

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

Euc. loxophleba -
(Smith. bark, Mallee, basal stocky
lm)

GRASSES

Stipa elegant -
Stipa triphylla -
Danthonia -

SHRUBS

damp

Olearia axillaris var *eremic* -*Eremophila ~~romana~~ drumm* -*Alyxia buxifolia* -*Rhagodia drumm* -*Templetonia ~~zosterifolia~~* -*Disphyma clavell* -*Westringia cephal* -*Enchylaena tomentos* -

(Smithiana) -

HERBS

Waitzia acuta -*Mesembryanthemum* (yellow) -*Hyalospermum demiss* -*Stachys muricata* -*Brachycome iberidifolia* -*Podolepis capill* (yellow) -*Lomandra effusa* -*Thysanotus* (manglesi) -*Anagallis Blennospora phlegmatoc* -*Crassula (exserta)* -*Brya constricta* -*Goodenia bicardian* -*Vellera cynopos* -

Synephoris (bottle) -
Trachymene cyanop -
Wahlenberg preiss -
Hypochaeris glabra -
Sonchus olerac -
Arctotheca calend -
Trachymene pilosa -
Philotus gaud -
Pterostylis -
Rhodanthe laevis -

Gnaphalium - 23/8
Idrosum (very young)

SEDGES

Tridens -

Nicotiana occid - 23/8
Comesperma integr - 23/8
Triglochin calcarata - 23/8

Euc salicola (ADJ) -

23/8/1999

Millotia tenuifera -
Hydrocotyle rugulosa -
Drosera glanduligera -
Hyalospermum demiss -
Crassula strepera - exserta
Crassula colvata -
Centrolepis cephalot -
Triglochin minutiss -
Sedecio glossanth -

Micropterum papillosum (usp) -
yellow fls

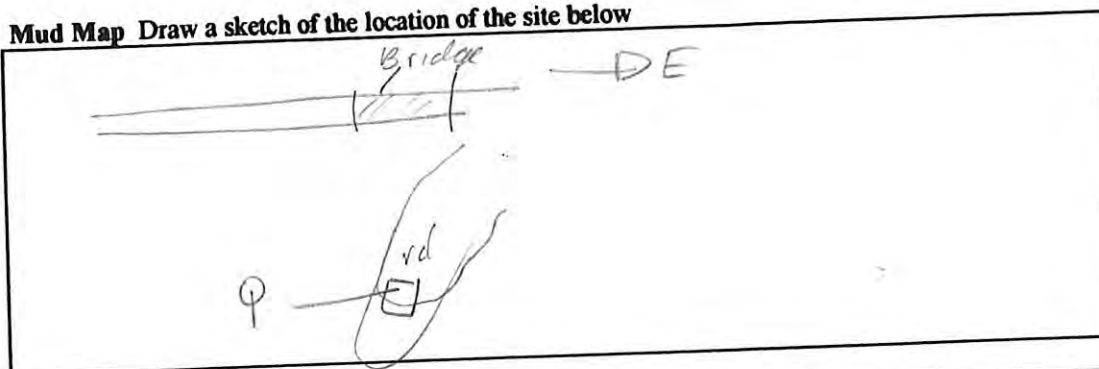
Calandrinia (purple) sp. - no fruit -
Mesembryanthemum nodifl -

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA HINE SITE NUMBER 02
 DATE TRIP 3-10-1997 RECORDERS N/M/G/S
 DATE TRIP 23/8/1999 RECORDERS NG/GK/AW
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location grt E/W Highway, 1 km W Hines Hill

Geographic Location Latitude 31 32 31.1 S Longitude 118 04 09.2 E Altitude
 GPS Accuracy 2.9
 Map Sheet

ANG
 601496
 6509824

Photograph Name ML Number 27

Topographic Position (Circle the correct response)
 Upland Lower slope
 Upper slope Valley
 Midslope Washline
 rise in salt lake system

2. SITE DATA Circle the correct response

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

Surface Soil loam Depth to Rock _____ Colour red-brown

Exposed Rock type _____ % surface cover NONE size range

Litter twigs, bark, logs % surface cover 30-70 Depth (cm) 2-15

Bare Ground % surface cover 30-50

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

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

3. VEGETATION STRUCTURE AND COVER

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

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

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

	SHRUBS			SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30			10-30	
DOMINANT SPECIES	Templetonia Dodonaea Alyxia			Enchylaena Ptilotus elv Atriplex	

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	10-30			
DOMINANT SPECIES	Styl Brehmus madrit	Disphyma Angianthura Gnephosis			

4. VEGETATION CONDITION

Comments

Very good
rabbits

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 HINE 02

Record on Sheet

Date 3 - 10 - 1997

- Column 1 plant name

- Column 2 plant number

• **Column 3** **flowering time-** TICK if species flowering

- **Column 4** **identification check**

23 -8-1999

2

[illegible]

ADJ Euc tenerc 3/10/97 =

✓ *Microphorum papillosum* - JSP
yellow flies

(ADD) Sonchus tenerris (VSP) ✓
23/8/99

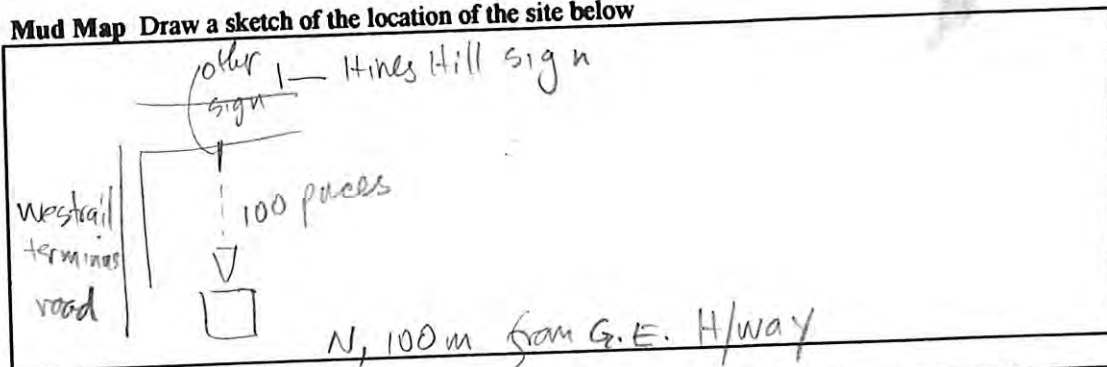
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

KL18

BUSHLAND AREA HINE SITE NUMBER 03
 DATE TRIP 3-10-1997 RECORDERS N/M/G/S
 DATE TRIP 23/8/1999 RECORDERS GK/AW/NG
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location HINES HILL, e'n outskirts, Westrail stn Rd

Geographic Location Latitude 31 31 56.5 S Longitude 118 05 00.7 E Altitude
 GPS Accuracy 3.0
 Map Sheet

AMG
 602864
 6510876

Photograph Name ML Number 28

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 loam **Depth to Rock** _____ **Colour** red-brown

Exposed Rock type _____ % surface cover NONE size range _____

Litter bark, lvs, twigs % surface cover >70 Depth (cm) 2-5

Bare Ground % surface cover <30

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)					
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				
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10		2-10		10-30
DOMINANT SPECIES	Mel. paucifl		Sant. acun Lycium aust Ac. menallii		Atriplex vesic Encycl. tom
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	<2			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

rubbish dumping, grazed in past, patches grassy weed, good - very good t/out

20x20

Euc. salubris -

Record on Sheet

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

23/8/1999

TREES

Euc. longicornis -

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

SHRUBS (cont.)

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

HERBS (cont.)

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

MALLEES

GRASSES

Stipa elegantiss -

SHRUBS + eutheriodoids -

Melaleuca pauciflora

Acacia mearnsii -

Atriplex vesicaria

Neotringia cephal

Lycium australe

Enchytraea tomen-

Sclerolaela diacan

Naureana trichoptera

Santolina acuminata

Maizeana georgii

~~Maireana grayi~~
~~in seed (1) (dr)~~

Rhagad V Vata
Eendviteren sclerolaen

HERBS

HERBS	
Zygophyll	iodi ovatum

27907 Asteridea athrix-

Plinius : *spathul-*

SEDGES

(12)

23/8

Carrichtera annua (ADT)

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA KOJK SITE NUMBER 02 KL19

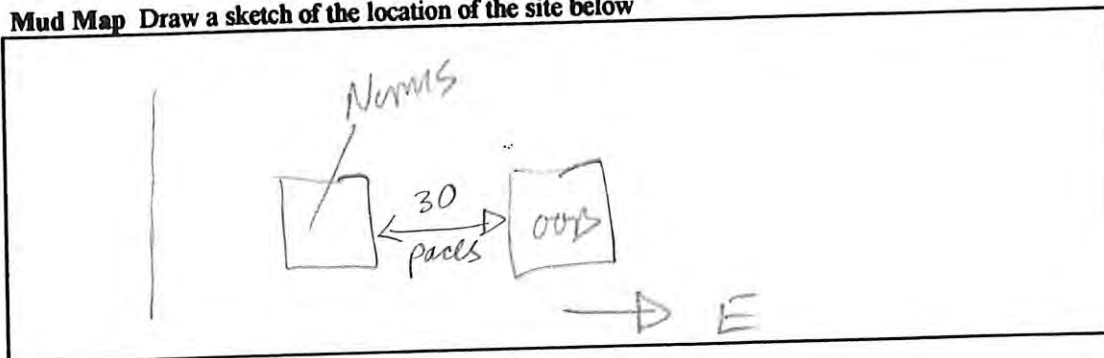
DATE TRIP 1-10-1997 RECORDERS N/M/G/S

DATE TRIP 31-8-1999 RECORDERS Ng/LK

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 31 26 50.9 S Longitude 117 46 43.7 E Altitude 574001
 GPS Accuracy 2.3
 Map Sheet 6520531

Photograph Name ML Number 11

Topographic Position

Upland
 Upper slope
 Midslope

Lower slope
Valley
 Washline

(Circle the correct response)

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 _____ Colour grey

Exposed Rock type _____ % surface cover NONE size range _____

Litter bark, lvs, twigs % surface cover 50-70 Depth (cm) _____

Bare Ground _____ % surface cover 30-50

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					
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 (%)					30-70
DOMINANT SPECIES					<i>Euc. pythionema</i>
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	SHRUBS under 0.5m
LIFE FORM					
COVER CLASS (%)			10-30		10-30
DOMINANT SPECIES			<i>Acac. hemiteles</i>		<i>Oleoria muelleri</i> <i>Acac. efinae</i> <i>Acacia</i>
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2	<2			
DOMINANT SPECIES	<i>Stipa eleg</i>				

4. VEGETATION CONDITION

Comments

excellent

20 x 20

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

SITE No K0JK 02

Record on Sheet

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

Date 1-10-1997

31-8-1999

E. capillosa -

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								31/8/99 Arthropodium & pilosum vsp			
								Acyrothea calendula-			
								Calotis hispidula -			
								Crassula colorata -			
								Pterostyles nana (hairy) -			
								Podolepis lessonii -			
MALLEES								Brachycome pappusilla vsp			
Euc. erythronema var erythronema -								Caladenia dimidia -			
Euc. sheathiana -				GRASSES				Hydrocotyle pilifera -			
(cm thick grey, M. 6m, grey-green plum branchlets lvs)				Stipa eleg -				" rugulosa -			
SHRUBS				Danthonia acerosa =							
Acacia erinac -				Sericocarpa -				SEDGES			
" ? metallii vsp											
Olearia muelleri -				brachyclada =							
Rhaod drummond -				HERBS							
Tenuletonia sukata -				Ptilotus spathula -							
Enchylalpa toment -				Rhodanthe laevis -							
Acacia hemiteles - vsp				Senecio gloss -							
Acacia ? harrisi				Eremophyllum ramosum -							
/ Sclerolaena ? diac ✓				Podolepis pepperi -							
Acacia metallii -				Grassula exserta -							
Maireana -				Trachymene cyanopet -							
Acacia sericocarpa -				Grassula pedicellosa -							

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

KL20

BUSHLAND AREA ROAC SITE NUMBER 01

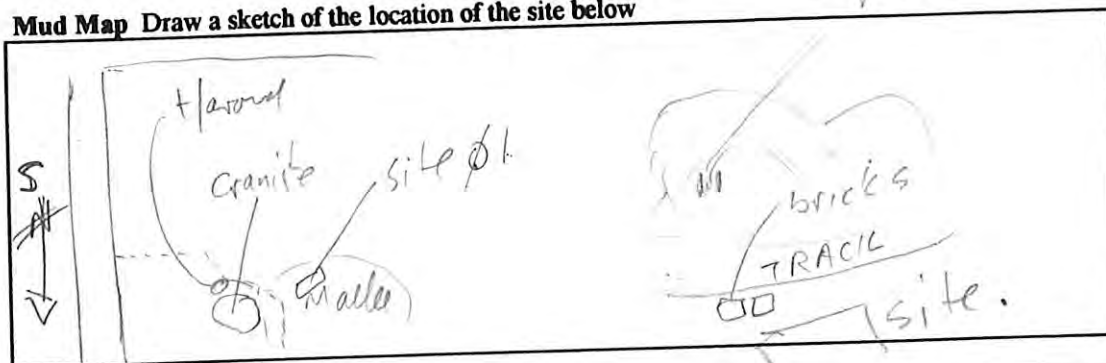
DATE TRIP 2/10/97 RECORDERS _____

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 ROACH Nature Reserve

Geographic Location Latitude 31 58 10.5 S Longitude 118 20 20.3 E Altitude 626520
GPS Accuracy 3.9
Map Sheet 6462141

Photograph Name ML Number 20

Topographic Position (Circle the correct response)
Upland _____ Lower slope _____
Upper 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 sandy-clay Depth to Rock _____ Colour grey

Exposed Rock type granite % surface cover 2 size range 10-15 cm

Litter vs, twigs % surface cover 70-90 Depth (cm) 2-5

Bare Ground % surface cover 10-30

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

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 (%)					30-70
DOMINANT SPECIES					Euc. remophila Euc. ?
				SHRUBS	
	SHRUBS over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM	 				
COVER CLASS (%)				2	
DOMINANT SPECIES				Melaleuca	
	GRASSES		HERBS	SEDGES over 0.5m	under 0.5m
LIFE FORM	 		  	  	  
COVER CLASS (%)	2		2-10		
DOMINANT SPECIES	Danthonia				

4. VEGETATION CONDITION

Comments excellent

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**

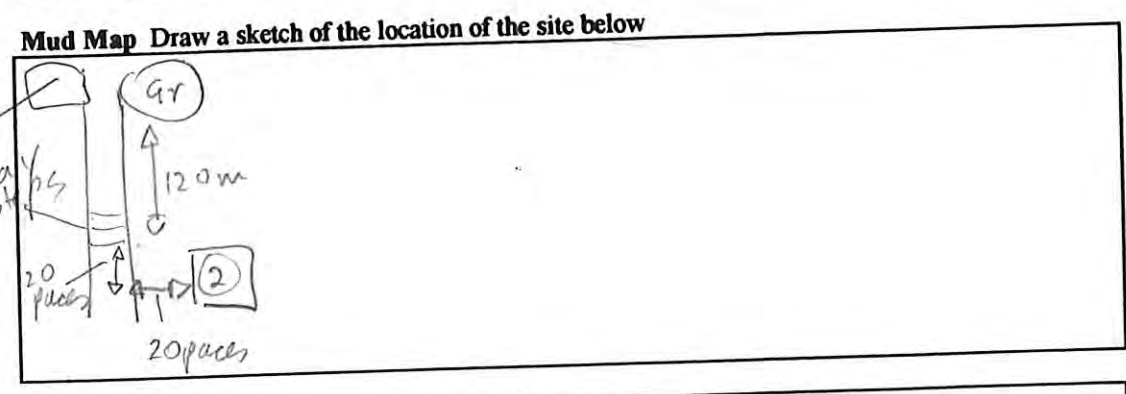
ADJ - Euc. capillaro ssp. polyclada -

KL21

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA ROAC SITE NUMBER 02
DATE TRIP 2-10-1997 RECORDERS N/M/G/S
DATE TRIP _____ RECORDERS _____
DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT



Road Location

Geographic Location Latitude 31 58 11.0 S Longitude 118 20 25.3 E Altitude
GPS Accuracy 3.5
Map Sheet

AMG
626651
6462124

Photograph Name ML Number 21

Topographic Position (Circle the correct response)
Upland Upper slope Lower slope
Valley
Washline
breakaway

2. SITE DATA Circle the correct response

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

Surface Soil sandy clay Depth to Rock Colour red-brown

Exposed Rock type granite % surface cover 30-70 size range

Litter twigs, lvs % surface cover 10-30 Depth (cm) (below shrubs - 2cm)

Bare Ground % surface cover 30-70

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES				MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)			10-30		
DOMINANT SPECIES			<i>Callitris canescens</i>		

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

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

4. VEGETATION CONDITION

Comments

burnt ca 20/30 yrs before
Callitris 70% height, $\frac{1}{2}$ girth CBH

20 x 20

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

Record on Sheet

- Column 1 plant name

- Column 2 plant number

• Column 3 flowering time- TICK if species flowering

- **Column 4** **identification** **check**

same

[illegible]

KL22

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

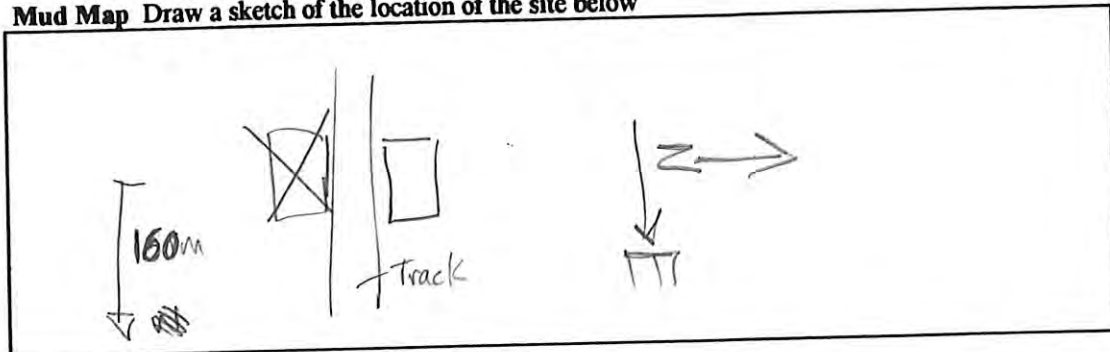
BUSHLAND AREA ROAC SITE NUMBER Ø3DATE TRIP 2 - 10 - 1997 RECORDERS N/M/G/S

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 31 58 08.2 S Longitude 118 20 29.5 E Altitude 626763
 GPS Accuracy 2.3
 Map Sheet 6462208

Photograph Name ML Number 22, 23

Topographic Position

(Circle the correct response)

Upland

Upper slope

Midslope

Lower slope

Valley

Washline

2. SITE DATA Circle the correct response

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

Surface Soil sandy clay Depth to Rock _____ Colour yellow

Exposed Rock type laterite % surface cover 10 - 30 size range pebbles

Litter twigs Allocas twigs % surface cover > 90 Depth (cm) 2 - 5

Bare Ground % surface cover 0 - 10

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

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

3. VEGETATION STRUCTURE AND COVER

3. VEGETATION STRUCTURE AND COVER

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	10-30	10-30		
DOMINANT SPECIES	<i>Alloc. acutiv</i>	<i>Thrypt. aust</i> <i>Hakea scop</i>	<i>Grevill. porad</i> <i>Myrt. cordat</i> <i>Thryptomene</i>		

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

4. VEGETATION CONDITION

Comments excellent

5. SPECIES PRESCENCE

SITE No ROAC Ø3

Date 2-10-1997

9-9-1959

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

Record on Sheet

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

same

TREES				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	
MALLEES				GRASSES				8/9/95			
								Calodania succulenta			
								Phodanthus laevis			
SHRUBS				cuspiolata (usp)				Drosera gland			
								Schizanthus racemosa			
								Chimaphila thymifolia			
Allocasuar acutivalv				Microcybe multiflora multiflora				Milletia tenuiflora			
Thryptomene austral				Drosera macrantha				Blennospora drum			
Hakea scoparia								Pterostylis deflexa sanguinea			
Grevillea paradoxia											
Persoonia quinquevener											
Thryptomene minor											
Melaleuca cordata											
Eucalypt bursacopp											
Hakea francisiana											
Astroloma serratifol											
Acacia neurophylla ssp. arbuscula											
Pterostylis tuberculata											
Cassytha flava											
Acacia beguerviana											
Grevillea didymobot											
Persoonia											

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

KL23

BUSHLAND AREA ROAC SITE NUMBER Ø4

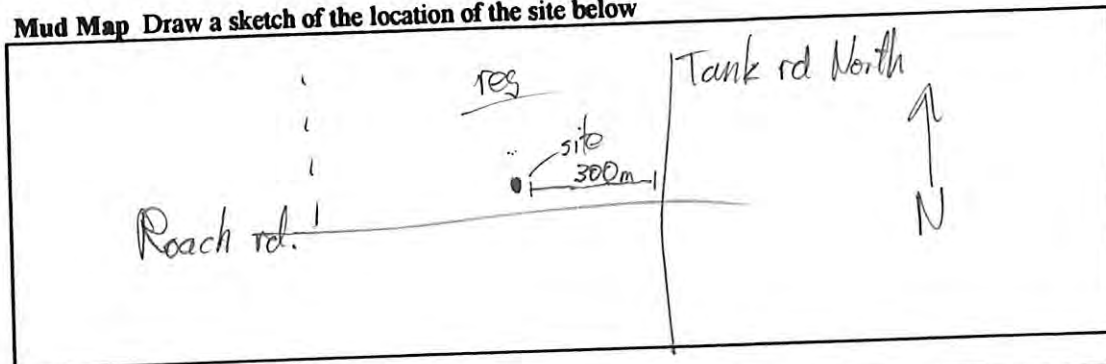
DATE TRIP 2 / 10 / 1997 RECORDERS N/M/G/S

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 31 58 57.3 S Longitude 118 20 21.5 E Altitude 626534
GPS Accuracy 3.5
Map Sheet 6460699

Photograph Name ML Number 24

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 sand Depth to Rock _____ Colour yellow

Exposed Rock type _____ % surface cover NONE size range _____

Litter vs, twigs % surface cover 70-90 Depth (cm) 2-5

Bare Ground % surface cover 10-30

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 (%)					2
DOMINANT SPECIES					<i>Euc. burracop</i>
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10	30-70		2-10	
DOMINANT SPECIES	<i>Allocas. acutiv</i> <i>Hakea francis</i> <i>Ac. cf. acum</i>	<i>Mel. pung.</i> <i>Hakea erecta</i> <i>Sant. ac</i>		<i>Baerheia. gr</i> <i>Beaufort. mic</i> <i>Mpl. cord</i>	
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<2	<2		<2	
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent
long unburnt

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**

✓ Hibbertia glabriuscula

Wadd
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA WADD SITE NUMBER 01

KL24

DATE TRIP 2-10-1997 RECORDERS N/M/G/S

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 31 59 02.9 S Longitude 118 24 43.6 E Altitude 633411
GPS Accuracy 2.5
Map Sheet 6460439

Photograph Name ML Number 25

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 loam Depth to Rock _____ Colour brown

Exposed Rock type granite % surface cover NONE size range depth

Litter twigs, stems, etc % surface cover 70-90 Depth (cm) 2-10

Bare Ground % surface cover 10-30 (annuals in season)

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

3. VEGETATION STRUCTURE AND COVER

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

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer.					
Cover Class		2-10%	10-30%	30-70%	over 70%
TREES			MALLEES		
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	2-10		2-10		
DOMINANT SPECIES	<i>Euc. loxophleb</i> <i>loxo</i>		<i>Acac. acum</i>		
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM	<i>Amphipogon</i> 	<i>Wrightia acum</i> 		under 0.5m	
COVER CLASS (%)	2	30-70			
DOMINANT SPECIES	<i>Neurachne alopecuroides</i> <i>Aira Cary</i> <i>Stipa</i>	<i>Burys sphaeroc</i> <i>Podolep. lesson</i> <i>Stach. pubes</i>			

4. VEGETATION CONDITION

Comments excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

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

5. SPECIES PRESCENCE

SITE No WADD 01

Date 2-10-1997

8-9-1959

Record on Sheet

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

✓ Hydrocoble call: carpa - 2/10

KL25

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA WELA SITE NUMBER Ø1

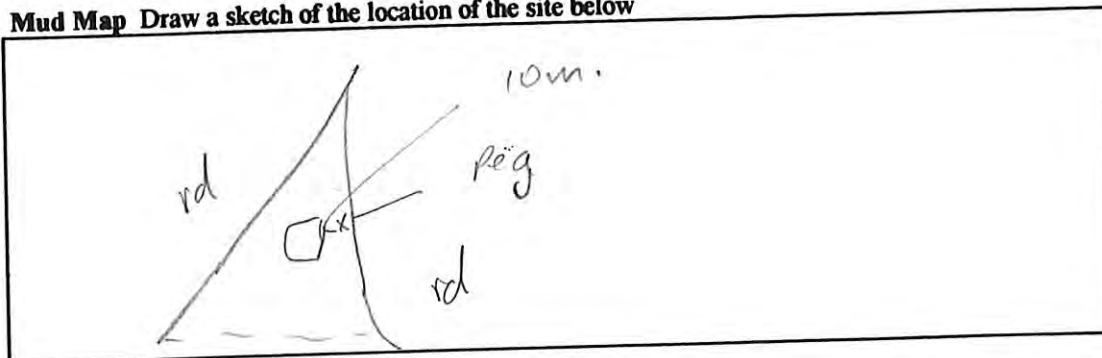
DATE TRIP 1-10-1997 RECORDERS N/M/G/S

DATE TRIP 24/8/99 RECORDERS NG/GK/AW

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 31° 15' 25.4" S Longitude 118° 08' 16.3" E Altitude
GPS Accuracy 3.6
Map Sheet

AMG
608338
6541339

Photograph Name ML Number 4

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 sand Depth to Rock _____ Colour yellow

Exposed Rock type _____ % surface cover NONE size range _____

Litter log, twigs, etc % surface cover >70 Depth (cm) 2-10

Bare Ground _____ % surface cover 10-30

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

3. VEGETATION STRUCTURE AND COVER

3. VEGETATION STRUCTURE AND COVER

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				2-10
DOMINANT SPECIES	Alloc. camp Acac. stroph				Ch. paucif thrypt
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	2-10		30-70	
DOMINANT SPECIES		Borja constricta Waitzia acuna		Ecdelicolea - monos Chystrix distig	

4. VEGETATION CONDITION

Comments

excellent

West Pikaring NR

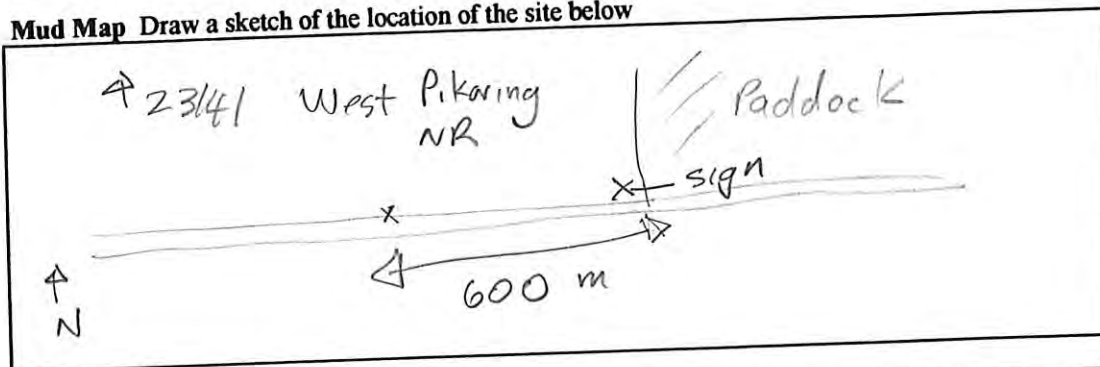
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA WPIKA SITE NUMBER I
 DATE TRIP 4/9/1997 RECORDERS L/M/N/G
 DATE TRIP 31/8/1999 RECORDERS NG/gk
 DATE TRIP _____ RECORDERS _____

KL26

1. LOCATION of the QUADRAT

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



Road Location

Geographic Location Latitude 32 05 22.6 S Longitude 117 41 51.3 E Altitude AMG 565827
 GPS Accuracy HDOP 5.2
 Map Sheet 6449406

Photograph Name NG Number 18

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 ☒ SE S SW W NW

Surface Soil sand Depth to Rock _____ Colour yellow-brown

Exposed Rock type _____ % surface cover NONE size range _____

Litter twigs, lvs _____ % surface cover 30-70 Depth (cm) _____

Bare Ground _____ % surface cover 10-30

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES			MALLEES		
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30				10-30
DOMINANT SPECIES	Alloc. camp Santal spic				Schotzia Verticordia
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	2	L2		10-30	
DOMINANT SPECIES	Stipa trich			Lepidob. chaetacanth Mesomel. stygia	

4. VEGETATION CONDITION

Comments excellent

West Pikering N.R.

5. SPECIES PRESCENCE

31-8-1999

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

West Pikaring N.R.

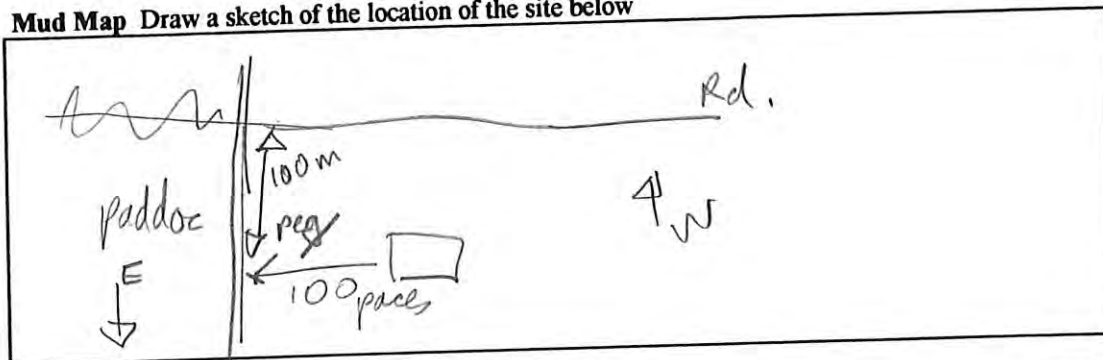
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA WPIKA SITE NUMBER 2
 DATE TRIP 5-9-1997 RECORDERS L/M/N/G
 DATE TRIP 31-8-1999 RECORDERS NG/gk
 DATE TRIP _____ RECORDERS _____

KL27

1. LOCATION of the QUADRAT

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



Road Location

Geographic Location Latitude 32 05 26.1 S Longitude 117 41 34.9 E Altitude 565398
 GPS Accuracy HDOP 2.1
 Map Sheet 6449455

Photograph Name NG Number 27

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 sand **Depth to Rock** _____ **Colour** _____

Exposed Rock type _____ % surface cover NONE size range _____

Litter twigs, stems, lvs % surface cover 30-70 Depth (cm) _____

Bare Ground % surface cover 30-70 (annuals in spring)

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

check photo
appears
incorrect

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

3. VEGETATION STRUCTURE AND COVER

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

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

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

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	10-30			
DOMINANT SPECIES	<i>Stipa trichoph</i> <i>Arctostaphylos</i>	<i>Podolep. lesson</i> <i>Lom. effusa</i>			

4. VEGETATION CONDITION

Comments

? grazed in past

KL27

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20 x 20

5. SPECIES PRESENCE

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

SITE No WPIKA 2

Record on Sheet

Date 5-9-1997

• Column 1 plant name

• Column 2 plant number

• Column 3 flowering time- TICK if species flowering

• Column 4 identification check

same

+ Ac. acumin -

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. toxophleba -	✓							Calandrinia granulif -	✓		
								Crassula robusta -	✓		
								Wigloch calcitrapa -	✓		
								Calandrinia acuminata -	✓		
								Erodium cymosum -	✓		
								Borja ? usphaero -	✓		
								Ophthalosum lusitan -			
								Thysanot ? tenellus -			
MALLEES								Arctotheca calend -	✓		
				GRASSES				Petrophagia prolifera -	✓		
				Neurachne alopec -	✓			Podotbes gnaphal -	✓		
				Aristida robusta -	✓			Anagallis robusta -	✓		
				Vulpia myuros -	✓			Ptilotus humilis humilis -	✓		
SHRUBS				Bromus madrit -	✓			SEDGES			
Pimelea argentea -	✓			Pentstemonis aroid -	✓			Anagallis = Lemnoria burkitt -	✓		
				Danthonia -	✓			Ptilotus polystachy -	✓		
				Stipa trichophylla sp				Pterostylis -			
				Scabra scabra -				Daucus glochid -			
								Isotoma Chypocati -			
				HERBS				Ptilotus spathulif -	✓		
				Podolepis lessonii -	✓						
				Arthrochodium capillip -	✓						
				Chthonocceph pseudov -	✓						
				Lomandra effusa -	✓						
				Goodenia berardiana -	✓						
				Velleia cynopota -	✓						
				Caladenia hirta rosea -	✓						
				Ursinia anthem -	✓						
				Plantago cf. hisp -	✓						
				Parentubellia latif -	✓						
				Hyalosperma demiss -	✓						
				Actinobole ulig -	✓						
				Hypochaeris glabra -	✓						

Goodenia muculoides -

Duvia howifolia st/92 (usr) -

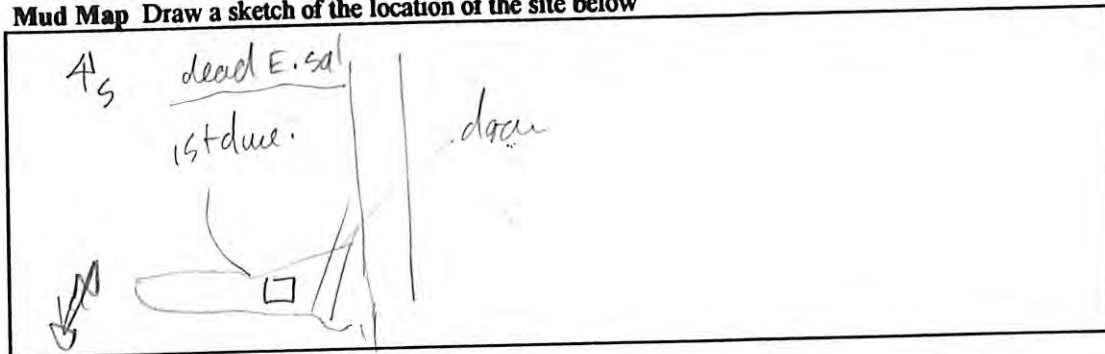
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA YARD SITE NUMBER 02
 DATE TRIP 2-10-1997 RECORDERS N/M/G/S
 DATE TRIP 31/8/99 RECORDERS NG/GK
 DATE TRIP _____ RECORDERS _____

KL28

1. LOCATION of the QUADRAT

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



Road Location

YAKOIEI N.R.

Geographic Location

Latitude 31 55 24.1 S Longitude 117 58 54.3 E Altitude
 GPS Accuracy 2.1
 Map Sheet

AMG

592811
6467626

Photograph

Name

ML

Number

18

Topographic Position

Upland

Upper slope

Midslope

Lower slope

Valley

Washline

(Circle the correct response)

dune in salt lake

2. SITE DATA Circle the correct response

Slope flat gentle steep

Aspect N NE E SE S SW W NW

Surface Soil

sand

Depth to Rock

Colour

fawn

Exposed Rock

type

% surface cover

NONE

size range

Litter twigs, lvs

% surface cover

70-90

Depth (cm)

Bare Ground

% surface cover

30-10

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 (%)				2-10	
DOMINANT SPECIES				<i>Euc. salicicola</i>	
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10				
DOMINANT SPECIES	<i>Melaleuca</i> <i>Alyxia</i>				
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	10-30	10-30		10-30	
DOMINANT SPECIES	<i>Vulpia</i> <i>stipa</i>	<i>Waltzia acum</i> <i>etc</i>		<i>Desmodium</i>	

4. VEGETATION CONDITION

Comments

very good

some weedy grasses in patches

Trees on edge die due to salt

Metaleuca at edge of channel drying

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**

2/10/9
2/10/9

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA YARD SITE NUMBER 03

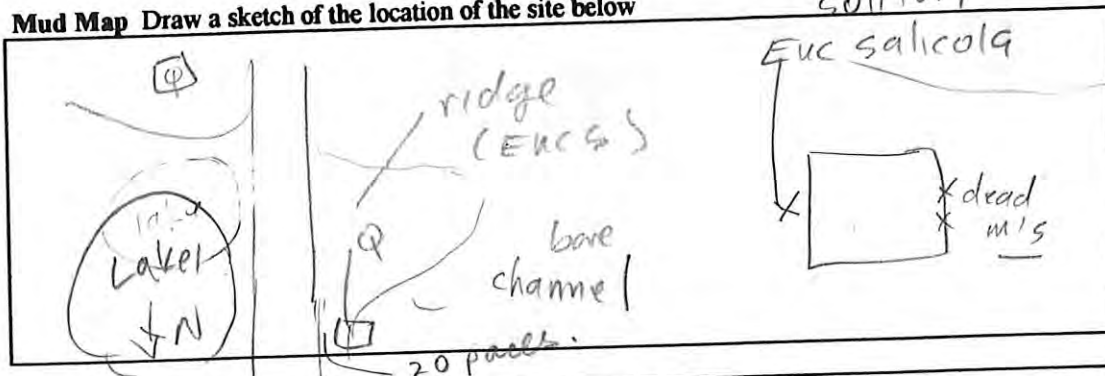
DATE TRIP 2-10-1997 RECORDERS N/M/G/S

DATE TRIP 31-8-1999 RECORDERS NG/G/K

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location

YARDIE S. RD

Geographic Location

Latitude 31 55 18.5 S Longitude 117 58 46.6 E Altitude
GPS Accuracy 3.0
Map Sheet

ANG

592610

6467801

Photograph

Name ML

Number

19

Topographic Position

Upland
Upper slope
Midslope

Lower slope
Valley
Washline

(Circle the correct response)

edge salt channel

2. SITE DATA Circle the correct response

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

Surface Soil sandy clay Depth to Rock Colour grey

Exposed Rock type % surface cover NONE size range

Litter stems, twigs % surface cover 10-30 Depth (cm) 2-5

Bare Ground % surface cover 30-70

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

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

3. VEGETATION STRUCTURE AND COVER

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

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

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

SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30				20-30
DOMINANT SPECIES	Melaleuca (thick KJ)				Darwin drumm Dysphyma clav Rhagodia

GRASSES		HERBS		SEDGES	
	over 0.5m	under 0.5m		over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	10-30			
DOMINANT SPECIES	Vulpia Stipa	Podochloa Anjanthus			

4. VEGETATION CONDITION

Comments

- Melaleuca's dying on w/n edge of quadrat

Eucalyptus

KL29

NOTE: DRIVEN THRU 31/8/99

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 YARD 03

Record on Sheet

Date 2-10-1997

31-8-1999

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

Euc. salicola -

Note - been driven thru !!

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

GRASSES

SHRUBS

HERBS

SEDGES

~~Mel. ? viminea -~~
~~Rhagodia drummondii -~~
~~Darwinia drumm -~~
~~Halosarcia indica lob. 20/8/99~~
~~Disphyma clavell -~~
~~Enchylapna toment -~~
~~Comesperma integr 31/8 -~~
~~Ptilotus divaricatus -~~
~~Sclerotaena dracantha -~~
~~Carpobrotus modestus -~~
~~Sclerolaena perviflora -~~
~~Melolencia laophylli 30/8 -~~
~~- maybe mbl? in~~

~~Eragrostis dielsii -~~
~~Stipa elegantiss -~~
~~Vulpia myuros -~~
~~Airca coryphyllea -~~
~~Bromus madrit -~~
~~Pataschitis ceroids -~~
~~Schismus barbatus -~~

~~Podotrocha pritzellii -~~
~~Bobble Angianthus -~~
~~Crossula exserta -~~
~~Calandria eremaea -~~
~~Triglochin minutus -~~
~~Senecio glossanth -~~
~~Linephosis angianthus -~~
~~Brachycome ibertulii -~~
~~Sonchus knerimus -~~
~~Calandrin polyanth -~~
~~Centrolepis polygyn -~~
~~Hypochlois glab -~~
~~Cotula austri/satulioides -~~

~~Trachymene pilosa -~~
~~Ursinia lanthem -~~
~~Centrolepis humillima -~~

31-8-1999
~~Atriplex vesicaria -~~
~~Ostrospermum clandest -~~
~~Thysanotus mangles -~~

~~Hypochlois glabiflora -~~
~~(A.D.T) Melaleuca thuyoides -~~
~~(A.D.T) Calandria eremaea -~~
~~(A.D.T) Angianthus previosus -~~
~~sp. elongatum -~~

~~Siloxerus pygmaeus -~~
~~Calandria in grave lita -~~

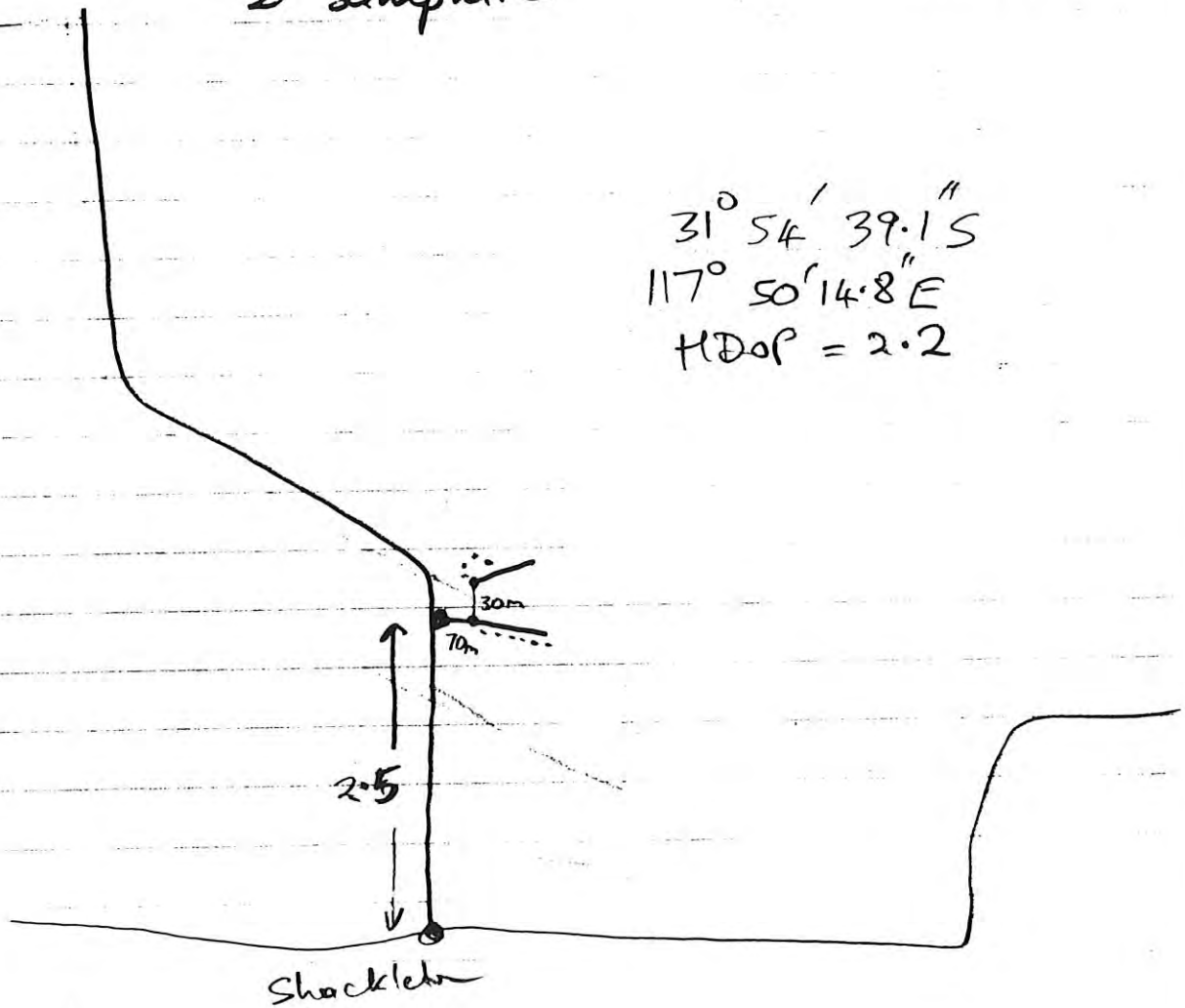
Area 3

A-S

Salted Titree with
2° Samphire

2.4 km N of Shackleton
2.55 N of Hw. f.
ca 32 km ESS of
Kettlebarin

$31^{\circ} 54' 39.1''$
 $117^{\circ} 50' 14.8''$
HDOP = 2.2



KLOI

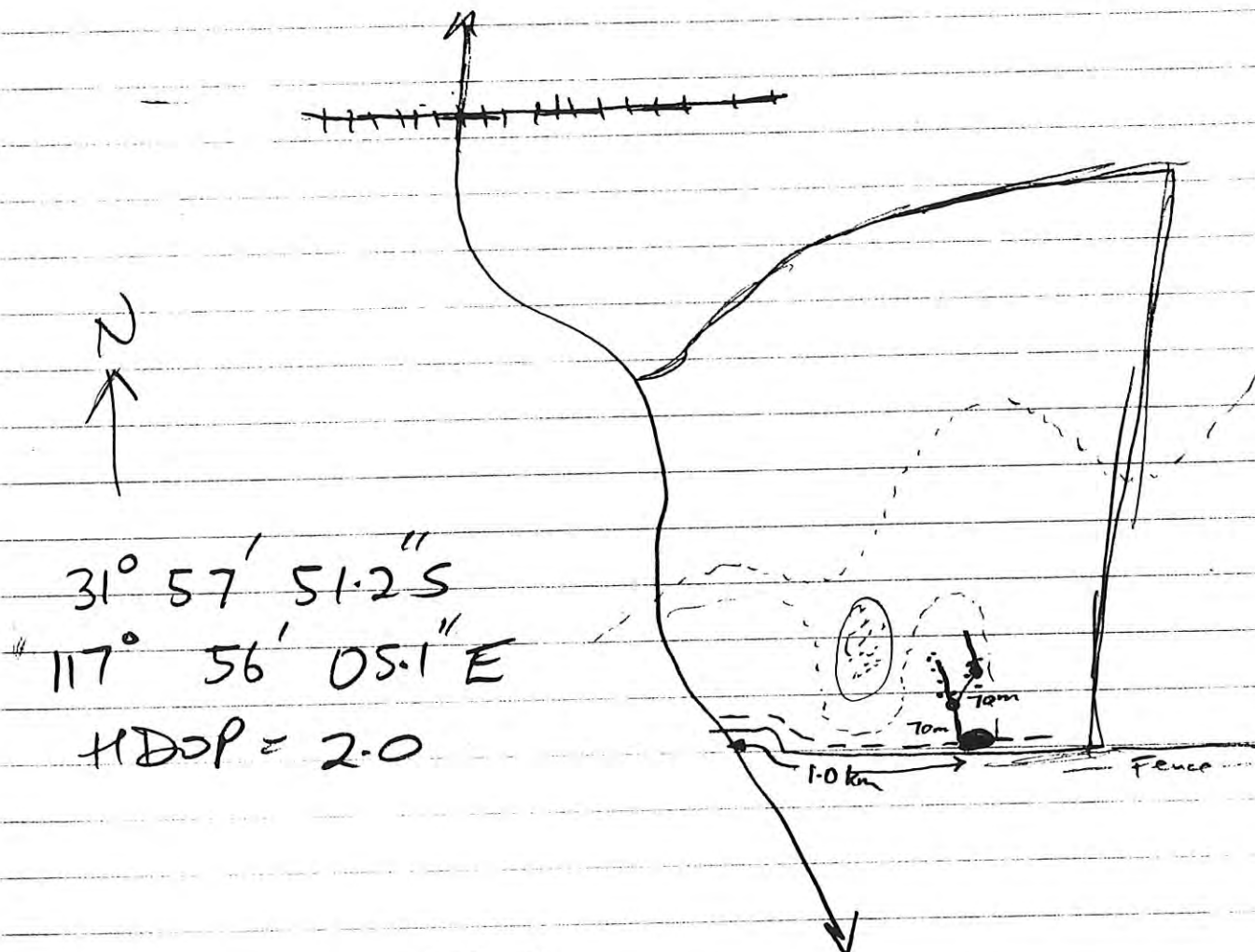
[AMG - 579179
6469126]

Salt River

10 km ESE of Shackleford

40 km SE of Kellerberrin

C-A Morrell-Salma Gum / Saltbush, pigface, Exocarpos etc
somewhat degraded



SALT Ø1

KLO2

AMG - 588328
6463136

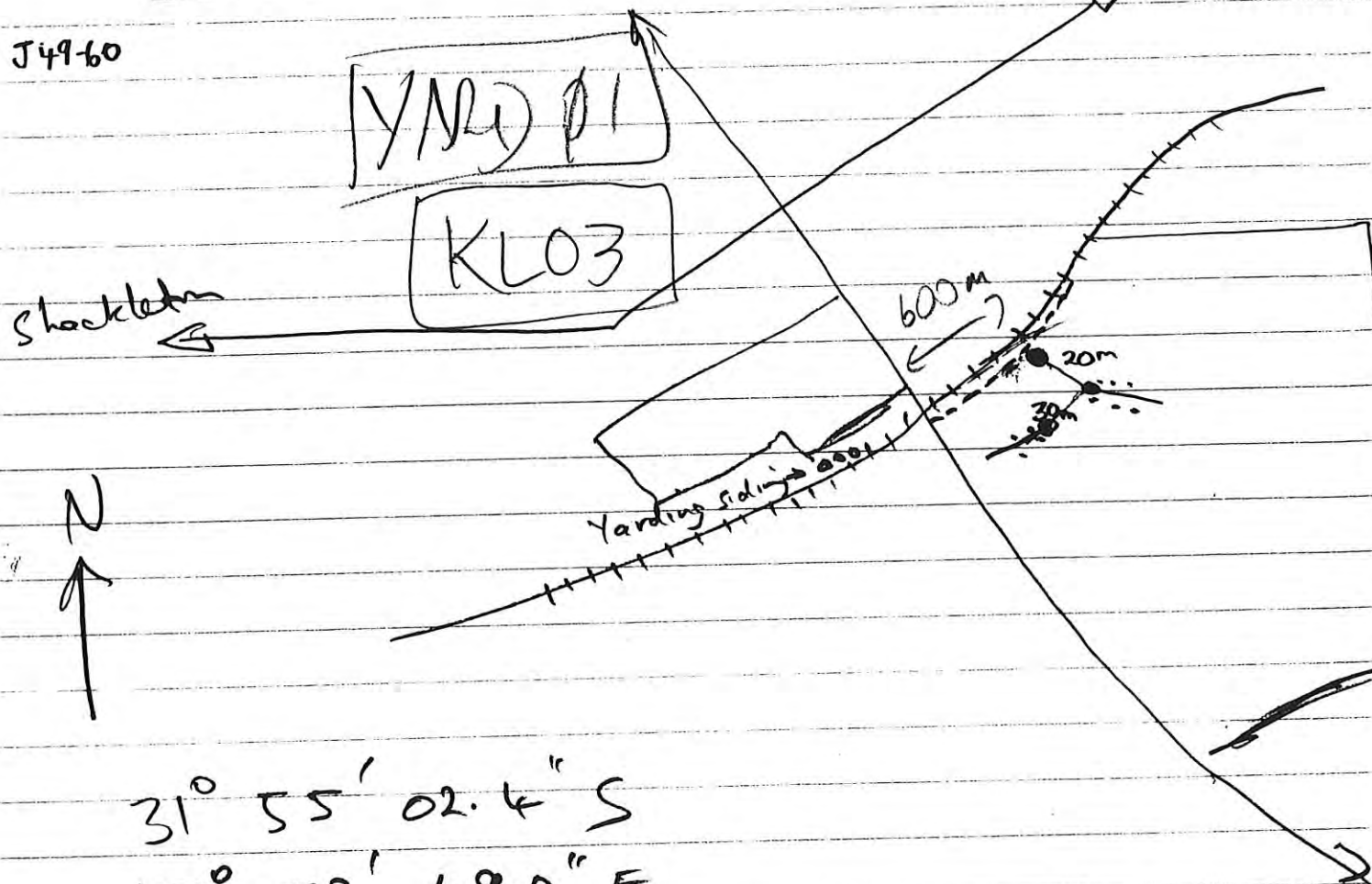
3/ 27108

Yarding NR

40 km SE of Kellerberrin

Qd *Banksia prunosa* *Xylomelum* / *Shrubland*
Lowest level in Landscape.
Good, reduced to this!

J4960



$31^{\circ} 55' 02.4'' S$

$117^{\circ} 58' 49.0'' E$

$M DoP = 1.9$

AMG - 592678

6468296

4/
↑

A — Salmon Green Woodl / shrubs
surface

J37-48

5 km NW of
Bruce Rock

good
but small

BRW 01

KL04

Pogona minor
seen in quadrat

N
↑

0.3 km

70m

40m

SIPPE

POKERBIN ROCK
SCENIC DRIVE

2
NNNNN

$31^{\circ} 51' 26.0''$ S
 $118^{\circ} 06' 13.9''$ E
HDOP = 2.5

5/6

Comitun Dam NR

37 km ESE of Kellerberrin

Mg
J13-24

Wardoo / Borhya + shrubs etc



$31^{\circ} 45' 37.8'' S$
 $118^{\circ} 03' 47.0'' E$
HDOP = 2.3

KLO5

COMI 01

BELKA

$31^{\circ} 45' 34.0'' S$
 $118^{\circ} 01' 43.5'' E$
HDOP = 1.8

DAM

Mg

0.25 km

TS (02)

40m

25m

COMI 02

KLO6

NB - No steel peg

40m

33m

2.2 km

MECARTHY

TS (02) Mallee, Allocasuarina, Dryandra, Sedge + shrubs - dense

J25-36

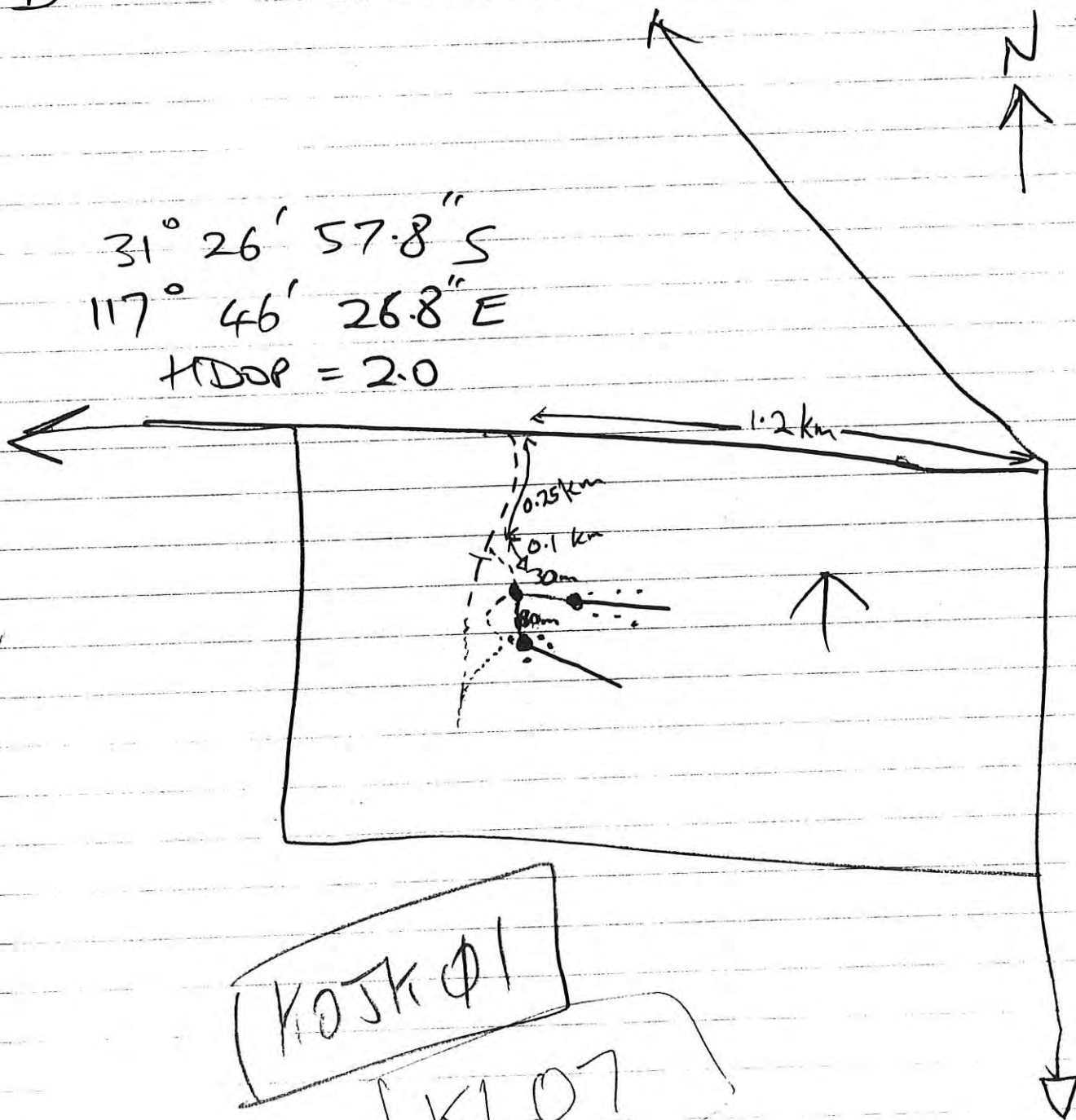
7/
↑

Koj Kojin NR

20 km N of Kellabera
+ 3 km S of
Dieracoppin N

B — Wandoo / Myrtaceous shrubs + herbs

$31^{\circ} 26' 57.8'' S$
 $117^{\circ} 46' 26.8'' E$
HDOP = 2.0



8/ 9/ 10/ 11/

Duracoppin NR

25 k N of Kellerberrin

Mg

Sheoak Jam, Leptospermum, Lepidosperma
~~DURAX~~ Bor'hya
 KLO8

31° 24' 09.21" N
 117° 45' 32.1" E
 HDOP = 2.1

KLO9
~~DURAX~~

25 30m

0.7 km
 0.4 km
 1.0 km
 0.3 km
 0.9 km
 0.4 km
 0.3 km
 34 m
 62 m
 15 m
 50 m
 31° 24' 15.5" N
 117° 45' 31.8" E
 HDOP = 1.9
 MA

De Dryandra heath = Allocasuarina
 31° 24' 37.3" S
 117° 45' 05.9" E
 HDOP 2.2

Od(upper) Allocasuarina
 Xylomelum / Sedges
 Grevillea Melaleuca

31° 24' 45.6" S
 117° 45' 16.2" E
 HDOP = 2.0

~~DURAX~~
 KL10

M_a grey sandplain slope: only 300m wide but extends eastwards to road.
 Leptospermum + Eremaea shrubland
 Monksopen

~~DURAX~~ KL11

2/

↑ 12329

34 km NE of
Kellerberrin

A-C Gumlet Woodland / Mixed Shrubland to 2m
Acacia, Eucalyptus
Sarcobatus melaleuca
etc

BAAN 01
KL12

Duracoppin
NR



0.65

$31^{\circ} 22' 38.7'' S$
 $117^{\circ} 56' 00.8'' E$
HDOP = 2.0

62m

37m

9381 6293