

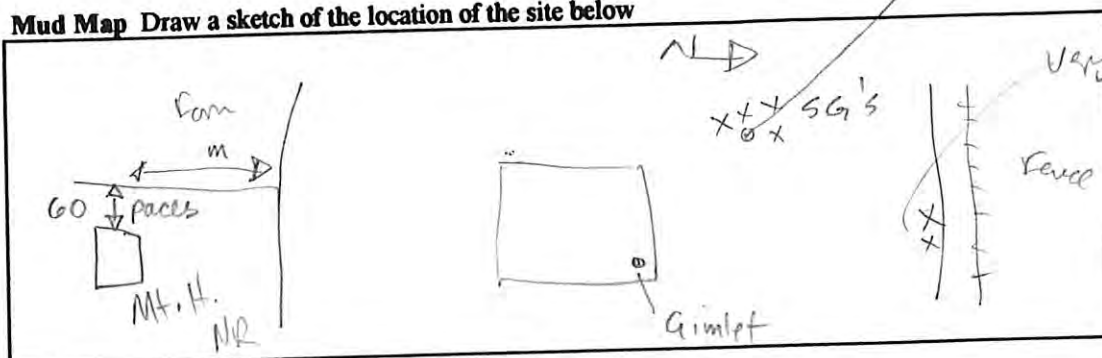
mN01

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA HAMP SITE NUMBER 02DATE TRIP 28/9/97 RECORDERS —DATE TRIP 23/8/99 RECORDERS NG/GK/HWDATE 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 44 20.5 S Longitude 119 05 09.8 E Altitude —
 GPS Accuracy 3.1
 Map Sheet —

Photograph Name ML Number 17

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

Exposed Rock type — % surface cover NONE size range —

Litter Logs, bark, lvs % surface cover 10-20 Depth (cm) 2-20

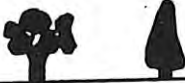
Bare Ground % surface cover 70-90

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, and dominant species					
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		10-30		
DOMINANT SPECIES	<i>Euc. salubris</i>		<i>Mel. pauciflora</i>		
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>Ac. hemiteles</i>	<i>Grev. acutaria</i> <i>Olearia muelleri</i> <i>Acacia trina</i>
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	< 2	2-10			
DOMINANT SPECIES	<i>Danthonia</i> <i>Stipa. trichop</i>	Mixed.			

4. VEGETATION CONDITION

Comments

cut over for fence posts (Mel. pauperifl)

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 HAMP 02

Record on Sheet

Date 28-9-1997

- Column 1 plant name

- Column 2 plant number

• Column 3 flowering time- TICK if species flowering

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

Euc. salmonophlora -
(see HAMR p. 1)

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. salubris -								Stellaria filiformis - ✓			
Mel. pauperiflora - vsp								Actinobale uliginos - ✓			
								Rhodanthe laevis - ✓			
								Hyalosperma -			
								Crassula exsenta -			
								Velleia cynopos -			
MALLEES								Brachycome pteruscul -			
								Blennospora drummon - ✓			
								Plantago off hisp -			
				GRASSES				Crassula uolar - ✓			
				Stipa elegantiss -				Chthonoceph pseudov -			
				Pentstemon aroides - ✓				Ceratogyn oblon - ✓			
				Stipa trichophylla - ✓			vsp	Podolepis lepperi - ✓			
SHRUBS				Dianthus - ✓				SEDGES			
Acacia zinnac -				Hulpa mynos - ✓				Hydrocotyle pilif glab -			
Olearia muelleri -				Bromus diandrus - ✓				Arthrop leuvipes -			
Acacia hemiteles -				Austrostipa - ✓				Calotis hispidula - 23/8			
Acacia merrallii -								Podolepis idsonii - 23/8			
Grevillea acutata -				colletoids -				Goodenia berardiana 23/8 -			
Acacia tetrasperma -				HERBS				Arctostaphylos calendu -			
Enchylaena toment -				Thysanot mangrorian - ✓				Stipa (lge) - adj -			
Sclerolaena diacanth. -				Lipochaeris glabra - ✓				23/8/99			
Alyxia baxif -				Stenopetalum filifolium - ✓				Pterostylis (off mang) spknt - (vsp)			
Petrophile cyathiforme -				Trachymene cyanopet - ✓				Hypoxis 7 occ -			
				Calandrinia granulit - ✓				Triglochin calcitars - ssp incur			
				Ptilotus spathul holoseric - ✓ vsp				Calladenia (2) incur - (vsp)			
				Calandrinia (pink) -				Pterostylis safa motica - th			
				Calotis hispidula -				Alyalosperma demiss -			
				Ptilotus gaudich -				NB 2 Hydrocotyle -			
Papaver hybridum - ✓ vsp				Hyalosperma calutinos - ✓				Blennospora drumm -			
(ADJ)				Calandrinia (-) - ✓				Schrankia nanus -			
				Levenhookia -				Dianella revol -			
				Brachycome iberiidifolia -							

Caladenia incisa - (USA) 23/8

Arthropodium curvipes-23/8

Caladana soccorbala - 23/8

Laurencella davenporti

Comp. (white) - *Melilotis uropygialis* (USP) -

Yellow comp *Agelasma racchius*

mno2

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA WARR SITE NUMBER 01
 DATE TRIP 30-9-1997 RECORDERS N/M/G/S
 DATE TRIP 25/8/1999 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 1 km N Warrachupin

Geographic Location	Latitude GPS Map Sheet	S Longitude Accuracy	E Altitude
	WESTONIA	1:100,000	

Photograph	Name	Number
	ML	32

Topographic Position	(Circle the correct response)
Upland	Lower slope
Upper slope	<u>Valley</u>
Midslope	Washline

2. SITE DATA Circle the correct response

Slope	Aspect
<u>flat</u> gentle steep	N NE E SE S SW W NW

Surface Soil	Depth to Rock	Colour
<u>sandy clay</u>	—	<u>red/brown</u>

Exposed Rock	type	% surface cover	size range
		<u>NONE</u>	

Litter	% surface cover	Depth (cm)
<u>bark, vgs, logs</u>	<u>50-70</u>	<u>2-10</u>

Bare Ground	% surface cover)
	<u>30-50</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 (%)	2-10				
DOMINANT SPECIES	<i>Euc. myriad</i>				
	SHRUBS			SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10			10-30	
DOMINANT SPECIES	<i>Mel. pauperif</i>			<i>Atr. vesic</i>	
	GRASSES	HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	<2			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

wood cutting in past

prob. grazed - localized weedy grasses

in reserve.

20720

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

SITE No WARR 01

Record on Sheet

Date 30-9-1997

25-6-1999

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

Same

[illegible]

Burra coppin NR

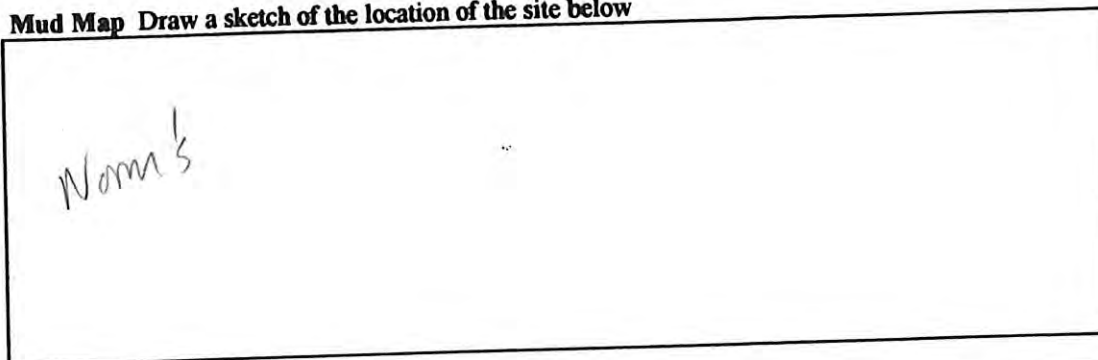
MN03

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA BURR SITE NUMBER 01
 DATE TRIP 29-9-1997 RECORDERS N/M/G/S
 DATE TRIP 24/8/1999 RECORDERS NG/AW/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 31.3 S Longitude 118 30 41.5 E Altitude
 GPS Accuracy 4.0
 Map Sheet 1:100,000

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 sand Depth to Rock _____ Colour yellow

Exposed Rock type laterite % surface cover 10/30 size range pebbles 2-10

Litter twigs, lvs % surface cover 10-20 Depth (cm) 2-5

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.

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
DOMINANT SPECIES	<i>Allocas. acutiv</i>	<i>Mel. uncin</i> <i>Mel. ?cardata</i> <i>Hakea scop</i>			<i>phabal megap</i> <i>Hibbert</i>
GRASSES		HERBS	SEDGES	over 0.5m	
				under 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	<2		<2	
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

5. SPECIES PRESCENCE

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

SITE No BURR 01

Record on Sheet

Date 29 - 9 - '1997

244-8-1999

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

g name if required glucosylus
Euc. ? redunca - branchlets
white/grey smth bark, - rough base

[illegible]

MNO4

Sandplain N.R.

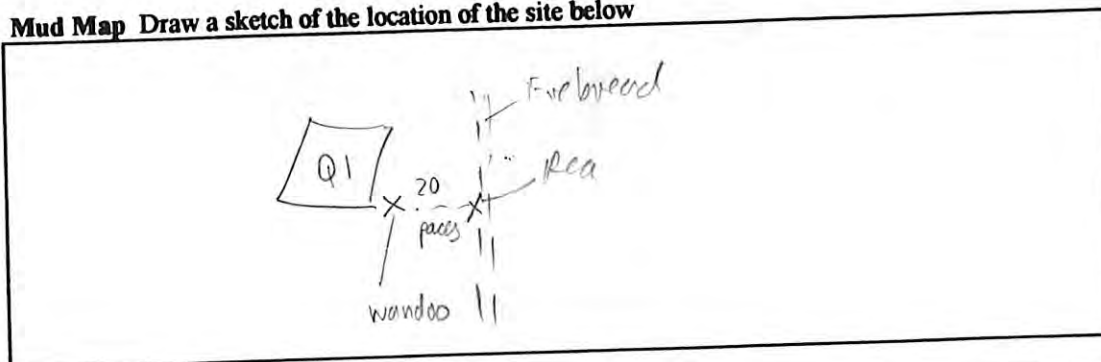
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA SAND SITE NUMBER 2 01DATE TRIP 28-9-1997 RECORDERS N/M/G/3DATE 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 Moore East RdGeographic Location Latitude 31 35 48 S Longitude 118 45 24 E Altitude
GPS Accuracy
Map SheetPhotograph Name ML Number 19

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 NWSurface Soil gritty clay loam Depth to Rock _____ Colour yellowExposed Rock type _____ % surface cover NONE size range _____Litter twigs, stems, lvs % surface cover 30-70 Depth (cm) 2-5Bare 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					
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 (%)		2-10			2-10
DOMINANT SPECIES		<i>Ac. acum</i> <i>Mel. acum</i>			<i>Grevill acutaria</i> <i>Acacia</i>
GRASSES		HERBS		SEDGES	
	over 0.5m			under 0.5m	
LIFE FORM					
COVER CLASS (%)	30-70	2-10			
DOMINANT SPECIES	<i>Amphipogon</i>	<i>Podolepis</i> <i>Waitz. acum</i> <i>Trachy</i>			

4. VEGETATION CONDITION

Comments

excellent

$$20 \times 20$$

Yilgarensis (U.S.)

- Column 1 plant name

- Column 2 plant number

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

- **Column 4** identification check

✓ *Euc. gracilis*
✓ *Euc. toxophleba* (lissophol-)

[illegible]

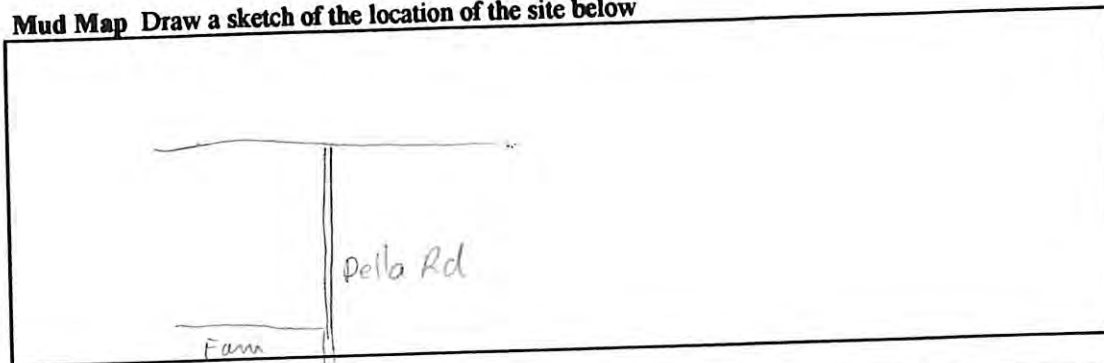
MN05

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA SAND SITE NUMBER 02
 DATE TRIP 28-9-1997 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 N.W.N boundary Sandplain NR Della Rd

Geographic Location Latitude 31°34'40" S Longitude 118°44'20" E Altitude _____
 GPS Accuracy _____
 Map Sheet _____

Photograph Name ML Number 20

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

Bare Ground _____ % surface cover) > 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

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				2-10
DOMINANT SPECIES	<i>Eucalyptus</i>				<i>Euc. burracopp</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			10-30
DOMINANT SPECIES	<i>Acacia mearnsii</i>	<i>Hakea plicata</i>			<i>Verticillium roei</i> <i>Daviesia</i>

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

4. VEGETATION CONDITION

Comments

excellent

U.S.R.

Mt Hampton NR

MN06

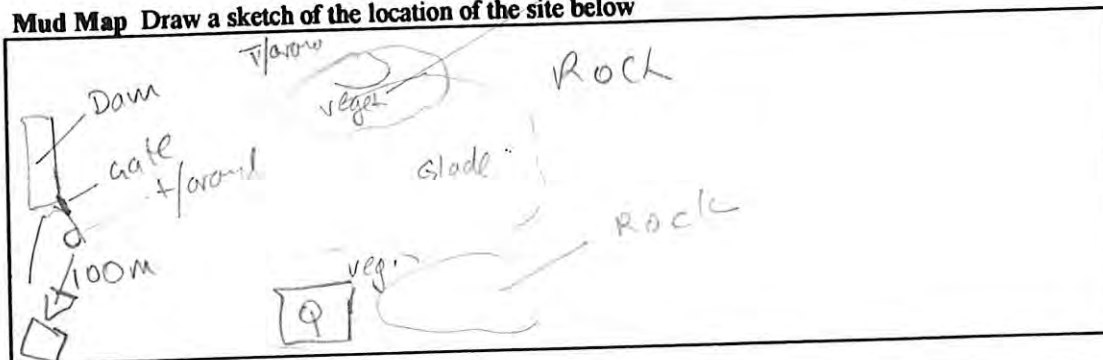
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA HAMP SITE NUMBER 01DATE TRIP 28-9-1997 RECORDERS N/M/G/SDATE TRIP 23-8-1999 RECORDERS NG/AW/GK

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location

Mt Hampton NR

Geographic Location

Latitude 31 45 31.6 S Longitude 119 04 33.9 E Altitude
GPS Accuracy 3.5
Map Sheet 1:100,000

Photograph

Name ML

Number

16

Topographic Position

Upland

Upper slope

Midslope

Lower slope
Valley
Washline

(Circle the correct response)

below Granite Rk

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

Litter

twigs, lvs

% surface cover

10-30

Depth (cm)

2-20

Bare Ground

% surface cover)

50-70

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		10-30		
DOMINANT SPECIES	<i>Allocas hneg</i>		<i>Allocas hneg</i>		

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

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<2	2-10			10-30
DOMINANT SPECIES	<i>Nesochne</i>	<i>Podotrocha</i> <i>Waizig</i>			<i>Lepidosperma</i>

4. VEGETATION CONDITION

Comments

v. good

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

MNØ6

VSP
VSP

Mt Moore NR

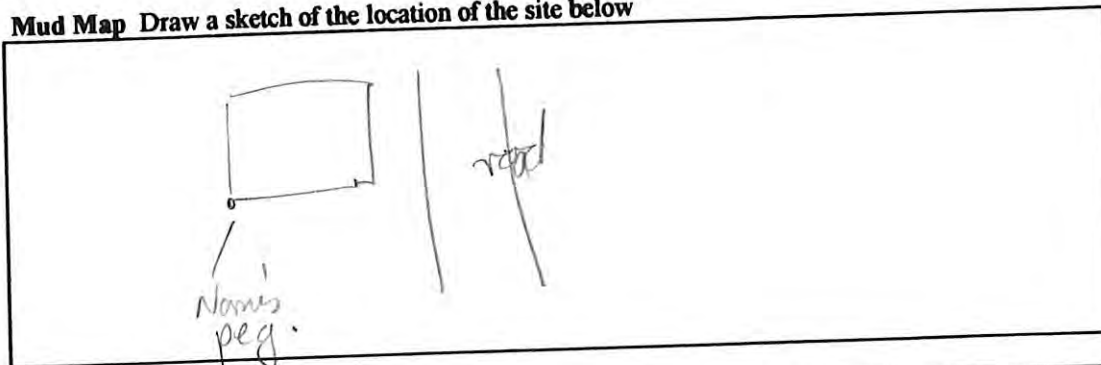
MN07

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA Mt MO SITE NUMBER 01
 DATE TRIP 30-9-1997 RECORDERS N/M/G/S
 DATE TRIP 24-8-1999 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

Geographic Location Latitude 31 12 32.5 S Longitude 118 18 22.3 E Altitude
 GPS Accuracy 4.6
 Map Sheet

Photograph Name ML Number 2

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 2-20 Colour red brown

Exposed Rock type granite % surface cover 10-30 size range 50cm-1m

Litter + twigs, stems, etc % surface cover 10-30 Depth (cm)

Bare Ground % surface cover 20-30

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 (%)			10-30		
DOMINANT SPECIES			<i>Acacia lasiocalyx</i>		

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					10-30
DOMINANT SPECIES			<i>Lev. parric</i> <i>Acac. tetragon</i>		<i>Opere. vag</i> <i>Calytrix</i>

GRASSES		HERBS		SEDGES	
	over 0.5m		under 0.5m		under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30				10-30
DOMINANT SPECIES	<i>Stipa eleg</i> <i>Trichophyll</i>	<i>Dianella revul</i>			<i>Lepidobol</i>

4. VEGETATION CONDITION

Comments

very good - excellent
regen from fire c 10 yrs before

MN7

Mt Moore NR

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 MTMO 01

Record on Sheet

Date 30-9-1997

24-9-1999

- 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
✓ <i>Acacia lasiocalyx</i> -				24/8/1999				<i>Trachymene ornata</i> -	✓		
				✓ <i>Chthonocephalus pscodex</i> -	24/8			✓ <i>Podolepis comissurus</i> -			
				✓ <i>Solanum lasiophyllum</i> -	24/8			✓ <i>Daucus glochid</i> -	✓		
				✓ <i>Briza maxima</i> -	24/8			✓ <i>Podotheca gnaphal</i> -			
				✓ <i>Lawrenciella claveratii</i> -	24/8			✓ <i>Gonocarp noldulos</i> -	✓		
				✓ <i>Blennospora drummond</i> -	24/8			✓ <i>Chaemak fimbriata</i> -	✓		
				✓ <i>Yanicula deformis</i> -	24/8			✓ <i>Lomand mucron</i> -			
				✓ <i>Caladenia rodialis</i> (USP) -	24/8			✓ <i>Vellera cynopot</i> -	✓		
				GRASSES				✓ <i>Schoenia calsin</i> -			
				✓ <i>Neurachne alopecuroid</i> -	✓			✓ <i>Drosera macrantha</i> -	✓		
				✓ <i>Aristida contorta</i> -	✓			✓ <i>Goodenia berardiana</i> occidentalis -			
				✓ <i>Monacather paradoxa</i> -				✓ <i>Brunonia australis</i> -			
				✓ <i>Amphipogon strictus</i> -				✓ <i>Ursinia anthemoid</i> -	✓		
				✓ <i>Stipa elegant</i> -				SEDGES			
				✓ <i>Stipa trichophylla</i> (USP) -				✓ <i>Lepidosperma (test)</i> costale (USP) -			
				✓ <i>Stipa tenuifolia</i> (USP) -				✓ <i>Lepidobol chartac</i> -			
				HERBS				✓ <i>Borya sphaeroceph</i> -			
				✓ <i>Dianella revoluta</i> -	✓			✓ <i>Millotia</i> -			
				✓ <i>Waitzia acumin</i> -				✓ <i>Wahlenberg preiss</i> -			
				✓ <i>Gnaphosia tenuiss</i> -				✓ <i>Phyllangium paradox</i> -			
				✓ <i>Trachym cyanopt</i> -				✓ <i>Erodium cygnarum</i> -	✓		
				✓ <i>Gilbertia tenuifl</i> -	✓			✓ <i>Rhynchanthema lineari</i> -	✓		
				✓ <i>Podolepis lepperi</i> -	✓			✓ <i>Isotrop junda</i> -			
				✓ <i>Ceratophyllum lobion</i> -							
				✓ <i>Crassula exserta</i> -							
				✓ <i>Hypochaeris glabra</i> -							
				✓ <i>Plinertia curvillei</i> -	✓						
				✓ <i>Cheilanthe austro-tenu</i> -	✓						
				✓ <i>Isotoma hypocratiiform</i> -							
				✓ <i>Brachycome ibaridif</i> -							

Add
Ac Labragophylla
 from cover sheet

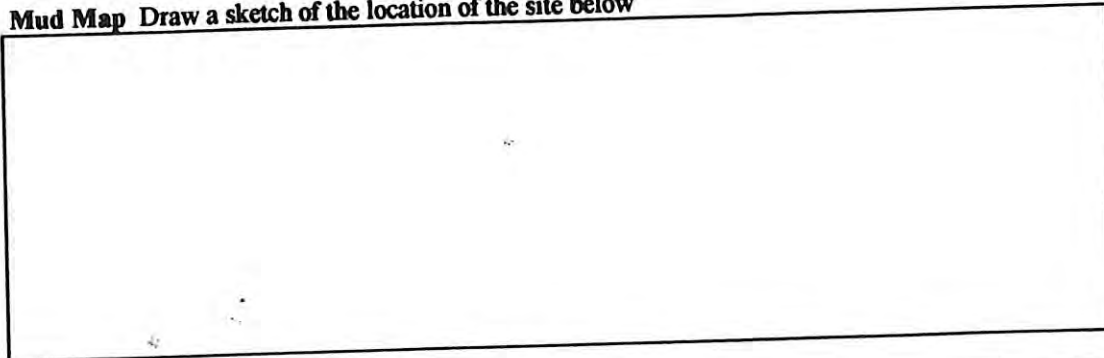
MN08

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA COOK SITE NUMBER 01
 DATE TRIP 29-9-1997 RECORDERS N/M/G/S
 DATE TRIP 25/8/1999 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 SW COOKABIN

Geographic Location Latitude 31°00'06.5 S Longitude 118°13'59.7 E Altitude
 GPS Accuracy 3.6
 Map Sheet MERREDIN 1:100,000

Photograph Name ML Number 31

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 Colour red-brown

Exposed Rock type % surface cover NONE size range

Litter Log & twigs % surface cover 10-20 Depth (cm) 2-10

Bare Ground % surface cover 50-70

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

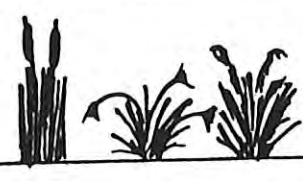
3. VEGETATION STRUCTURE AND COVER

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 (%)	2-10		2		10-30
DOMINANT SPECIES	Mel. uncin Acacia		Hakea preiss		Disphyma clav Gunnipops spti

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

4. VEGETATION CONDITION

Comments

Mel uncinata - many dead ? salt

Erodium aureum -
 // Erodium persicifolium -

Lake Campion NR

MN09

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CAMP SITE NUMBER 01

DATE TRIP 30-9-1997 RECORDERS N/M/G/S

DATE TRIP 24-8-1999 RECORDERS NG/MGK/AW

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location English Rd, N Merredin

Geographic Location	Latitude	S Longitude	E Altitude
GPS		Accuracy	
Map Sheet	<u>West Merredin 1:100,000</u>		

Photograph	Name	Number
	<u>ML</u>	<u>33</u>

Topographic Position	(Circle the correct response)
Upland	
Upper slope	
Midslope	
	Lower slope
	Valley
	<u>Washline</u>

salt Lake floor

2. SITE DATA Circle the correct response

Slope	Aspect
<u>flat</u> gentle steep	N NE E SE S SW W NW

Surface Soil	Depth to Rock	Colour
<u>clay-sandy</u>	<u>—</u>	<u>brown</u>

Exposed Rock	type	% surface cover	size range
		<u>NONE</u>	

Litter	% surface cover	Depth (cm)
<u>+wigs</u>	<u>2-10</u>	<u>2-5</u>

Bare Ground	% surface cover)
	<u>50-70</u>

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

3. VEGETATION STRUCTURE AND COVER

3. VEGETATION STRUCTURE AND COVER

Record	appropriate time term	cover	class	30 - 70%	over 70%
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	 					(abt 30) 2m 1m
COVER CLASS (%)					10-30	
DOMINANT SPECIES					<i>Halosarcia haloc</i> <i>Frankenia</i> <i>Disphyma clav</i>	

GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m	
LIFE FORM	 	 	 		 	1m
COVER CLASS (%)		2				
DOMINANT SPECIES						

4. VEGETATION CONDITION

Comments

excellent

Lake Campion NR

5. SPECIES PRESCENCE

SITE No CAMP 01

Record on Sheet

Date 30-9-1997

24-8-1999

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

TREES				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	
MALLEES				GRASSES				SEDGES			
				<i>Eragrostis pectinacea</i> - <i>Vulpia myuros</i> - <i>Pentstemonis arvensis</i> -							
SHRUBS				HERBS							
~~<i>Halosarcia latocnem</i>~~ ~~<i>Disphyma clavell</i>~~ ~~<i>Didymanthus roei</i>~~ ~~<i>Frankenia ? cinerea</i>~~ ~~<i>Maireana amoena</i>~~ <u><i>Maireana / Roycia</i></u> ~~<i>Halosarcia</i>~~ ~~<i>Sclerostegia moniliformis</i>~~ ~~<i>Wilsonia humilis</i>~~				~~<i>Crassula colorata exserta</i>~~ ~~<i>Sondottia</i>~~ ~~<i>Bobble Angianthus</i>~~ ~~<i>Calandrinia polyand</i>~~ ~~<i>Trilochin minutiss</i>~~ ~~<i>Atriplex holocarpa</i>~~ ~~<i>Mesembryanth nodif</i>~~ ~~<i>Senecio glossanthus</i>~~							

Flora Reserve

MNIO

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA MOOR SITE NUMBER 01
 DATE TRIP 29-9-1997 RECORDERS N/M/G/S
 DATE TRIP 24/8/1999 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 Burracoppin NW Rd

Geographic Location Latitude 31 14 31.2 S Longitude 118 24 39.6 E Altitude
 GPS Accuracy 3.8
 Map Sheet Menedin 1:100,000

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 loam Depth to Rock 20cm Colour red-brown

Exposed Rock type granite % surface cover NONE size range

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

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					
Cover Class		2-10%	10-30%	30-70%	over 70%
TREES					
	over 15m	5-15m	under 5m		
LIFE FORM					
COVER CLASS (%)	2-10		2-10		
DOMINANT SPECIES	<i>Euc. loxophleba</i>		<i>Ac. acumin</i>		
MALLEES					
	over 8m			over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10				
DOMINANT SPECIES	<i>Dodon. lobul/ptauic</i>				
	<i>Hakea serena</i>				
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	10-30	4		
DOMINANT SPECIES	<i>Stipa. rich</i>				

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

$$20 \times 20$$

5. SPECIES PRESCENCE

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

SITE No MOOR 01

Date 29 - 9 - 1997

24 - 8 - 1994

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]

MN11

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA MOORE SITE NUMBER 02
 DATE TRIP 29-9-1997 RECORDERS N/M/G/S
 DATE TRIP 24/8/1999 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 Burracoppin NW Rd

Geographic Location Latitude 31°15'15.3 S Longitude 116°23'57.1 E Altitude
 GPS Accuracy 3.7
 Map Sheet Merredin 1:100,000

Photograph Name ML Number 30

Topographic Position (Circle the correct response)
 Upland Upper slope 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 Sandy clay Depth to Rock 0-10 Colour yellow

Exposed Rock type lignite % surface cover 30-50 size range pebbles

Litter twigs, lvs % surface cover 10-20 Depth (cm)

Bare Ground % surface cover 50-70

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.

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	<i>Alloc. acutiv</i> <i>Mel. uncin</i>			<i>Ac. coolg</i> <i>Astoria</i> <i>Petalium</i>	

GRASSES		HERBS	SEDGES	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10	L2			10-30
DOMINANT SPECIES					<i>Gahnia</i>

4. VEGETATION CONDITION

Comments

^s excellent

1 amp of granite in site

MNU

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 MOORE 02

Record on Sheet

Date 29-9-1997

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

24-2-1999

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				~~Melaleuca laxiflora~~							
				~~Melaleuca spicigera~~							
				~~Baelea rosea~~							
MALLEES											
				GRASSES							
SHRUBS											
~~Melaleuca spicigera~~											
~~Allocasuarina acumin~~											
~~Grevillea paradoxa~~											
~~VPhebalium filifolium~~				~~laevigatum~~							
~~Melaleuca uncinata~~				~~hamata~~							
~~Thryptomena aust~~				~~cuspidata~~							
~~Acacia longispina~~				~~Kochi~~							
~~Asterlea Rinzia~~				~~clavifolia~~							
~~Melaleuca (longa) us~~				~~Enakbartos sp~~							
~~Hibbertia uncinata~~				~~aff. barlowii conothamnoides~~							
~~Astroloma serratif~~				~~rostellata~~							
~~Comesperma integrum~~				~~pedicellatum~~							
~~Verticordia grandis~~				~~ciliatum~~							
~~Thryptomena (Micromy racemosa)~~				~~volubilis~~							
~~Dodonea bursariifolia~~											
~~Leucophaea hamulosa~~											
~~Hibbertia craspedata~~											
~~Hibbertia Eatoniae~~											
~~Beyeria brevifolia~~											
~~robustior~~											

SEDGES

~~Gahnia drummondii~~

USP

24/8/1999

~~Drosera macrantha~~

~~Goodenia sp~~

~~Drosera glanduligera~~

~~Caladenia dimidiata~~

~~Rhodanthe laevis~~

~~Architheca cal~~

~~Hyalospermum dimissum~~

~~Brachycome perpusilla~~

~~Crucianella glanduligera~~

~~Hypochaeris glabra~~

~~Pterocarpus affinis~~

~~SP inland~~

~~Crucianella pedunculata~~

~~Hakea invaginata~~

~~Albocarpus~~

~~Phebalium megaphyllum~~

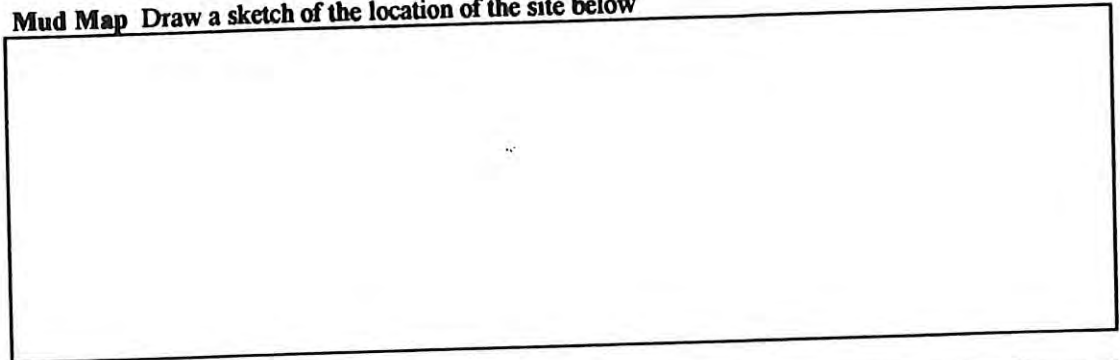
MN12

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CAMP SITE NUMBER 02
DATE TRIP 30-9-1997 RECORDERS N/M/G/S
DATE TRIP 24/8/1997 RECORDERS NG/GK/HAN
DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location LAKE CAMPION NR

Geographic Location	Latitude GPS Map Sheet	S Longitude Accuracy	E Altitude
---------------------	------------------------------	-------------------------	------------

Photograph	Name	Number
	<u>ML</u>	<u>34</u>

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

2. SITE DATA Circle the correct response

Slope	gentle	steep	Aspect	N	NE	E	SE	S	SW	W	NW
<u>flat</u>											

Surface Soil	Depth to Rock	Colour
<u>sandy clay</u>		<u>brown</u>

Exposed Rock	type	% surface cover	size range
		<u>NONE</u>	

Litter	logs, bark, lvs	% surface cover	Depth (cm)
		<u>30-70</u>	

Bare Ground	% surface cover
	<u>50-70</u>

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

3. VEGETATION STRUCTURE AND COVER

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

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

	TREES			MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	2-10				
DOMINANT SPECIES	<i>Euc. myriad</i> <i>many dead?</i> <i>fire</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>M-el. paucifl</i>		<i>Exo. aphyll</i> <i>Erem. scop</i> <i>Lycium aust</i>		
	GRASSES	HERBS	SEDGES		
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	10-30	10-30			
DOMINANT SPECIES	<i>Stipa trich</i> <i>lu eleg</i>	<i>Pod. lesson</i>			

4. VEGETATION CONDITION

Comments

? sheet flow
old grazing

MN12

LAKE CAMPION NR

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 CAMP 02

Record on Sheet

Date 30-9-1997

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

same

Eur. myriadina adj -

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. longicornis -								✓ Angianthus toment -			
								Podolepis capill -			
								Gonolobus olivace -			
								✓ Omphalappula concava -			
								Diurysia glochidiatus -			
								Ullera eynopot -			
								Podotheca / gnaphal -			
MALLEES				Austrodanthonia acerosa -							
				GRASSES							
				✓ Stipa trichophylla -							
				✓ " nitida (platyph) - 24/8 <u>VSP</u>							
				✓ Danthonia "							
SHRUBS				✓ Hordeum leporin -				SEDGES			
✓ Eremophila scop -	✓			✓ Lolium rigidum -				24/8/1999			
Lycium australe -	✓			Stipa elegant -				✓ Pentstemon melitens - 24/8			
✓ Exocarp aphyll -	✓							Podolepis capillaris - 24/8			
Atriplex vesic -	✓							Brassica toment fortii - 24/8			
✓ Maireana trichopt -	✓			HERBS				Melaleuca pauperiflora - 24/8			
				✓ Ptilotus holosericeus -							
				✓ Atriplex latruncid -							
				✓ (Astendea)							
				✓ Hypochaeris glabra -							
				✓ Zygophyllum ovatum -							
				✓ Medicago polym -							
				✓ Erodium laurum -							
				✓ Medicago truncatula -							
				✓ Senecio gloss -							
				✓ Sisymbrium orient -							
				✓ Isoetes gramin -							
				✓ Hyalosp demiss -							

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

MN13

BUSHLAND AREA CAMP SITE NUMBER 06
 DATE TRIP 30-9-1997 RECORDERS N/M/G/S
 DATE TRIP 24/8/1999 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

Geographic Location Latitude 31 08 43.4 S Longitude 118 28 43.8 E Altitude _____
 GPS Accuracy 2.5
 Map Sheet Menedin 1:100,000

AMG
 640972
 6553332

Photograph Name ML Number I

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 red-brown

Exposed Rock type _____ % surface cover _____ size range _____

Litter logs, twigs % surface cover 30-70 Depth (cm) 2-10

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				
DOMINANT SPECIES	<i>Euc. salubris</i>				

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM	 				
COVER CLASS (%)		2-10			10-30
DOMINANT SPECIES		<i>Acacia hemileles</i>			<i>Acacia erinac</i> <i>Olearia muelleri</i> <i>Eremoph. ionanth</i>

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

4. VEGETATION CONDITION

Comments

excellent

20x20

Record on Sheet

241 8 / 1999

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

Same

ADJ Euc hyp hyp - check photo see if
occurs in site

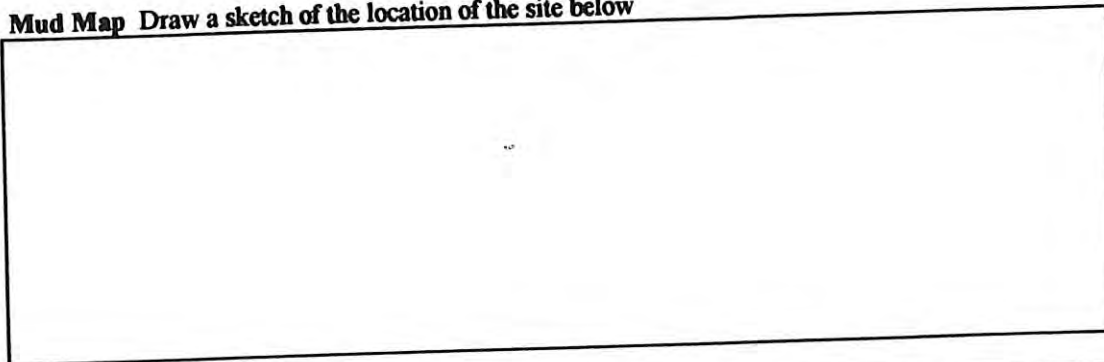
MN14

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CAMP SITE NUMBER 03
 DATE TRIP 30-9-1997 RECORDERS N/M/G/S
 DATE TRIP 24/8/1999 RECORDERS NG/AW/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 10 40 S Longitude 118 25 41 E Altitude
 GPS Accuracy
 Map Sheet MERREDIN 1:100,000

AMG
 636084
 6549806

Photograph

Name ML Number 36

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, lvs, bark, twigs % surface cover 30-50 Depth (cm) 2-20

Bare Ground % surface cover 50-70

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

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	<i>Euc. salmonop</i>	<i>Euc. gracilis</i>			
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>P. Hosp. phily</i> <i>Mel. paup. rifl</i> <i>Exoc. aphyll</i>				<i>Olearia muelkeri</i> <i>Atriplex vesic</i> <i>Enchylaen toment</i>
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM	 	 	 	 	
COVER CLASS (%)	2-10	< 2			
DOMINANT SPECIES	<i>Stipa platych</i>	<i>Asteridea atrix</i>			

4. VEGETATION CONDITION

Comments	excellent
----------	-----------

5. SPECIES PRESCENCE

SITE No CAMP 03

Date 30-9-1997

24/8/1999

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

Euc. gracilis —

[illegible]

- *Gelosperma saccharum* - 24/8 (JSP)
- *Trifolium? polyrrhiza* - 24/8 -

Senna nemophila 24
Erodium cypnorum - 74
 - v - *arabum* - 74

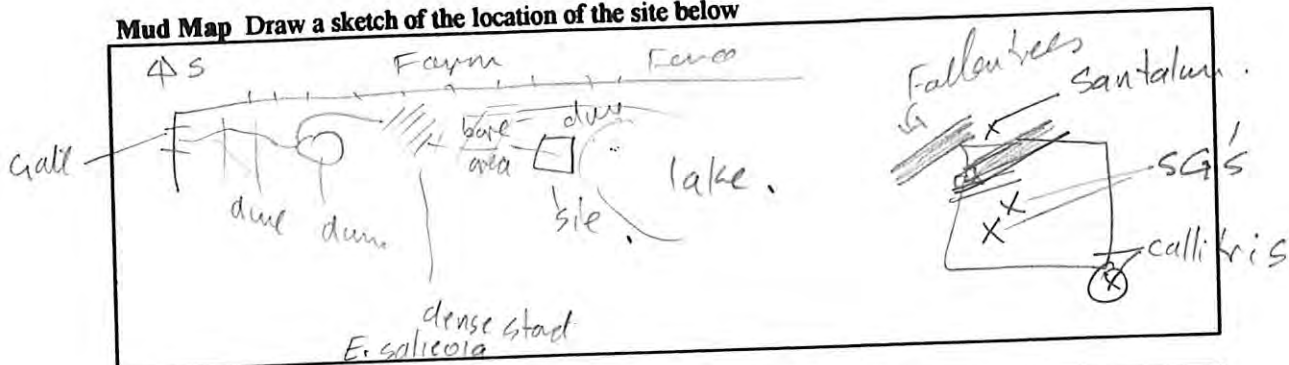
MN15

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CAMP SITE NUMBER 04
 DATE TRIP 30-9-1997 RECORDERS N/M/G/S
 DATE TRIP 24/8/1999 RECORDERS NG/AN/G/K
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location

LAKE CAMPION NR.

Geographic Location	Latitude GPS Map Sheet	S Longitude Accuracy	E Altitude
---------------------	------------------------------	-------------------------	------------

Photograph	Name	Number
------------	------	--------

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

dune above 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			red-brown.										
Exposed Rock		type			% surface cover			NONE			size range										
Litter		logs, twigs, bark, lvs			% surface cover			30-70			Depth (cm)			2-30							
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

250m E
 of site
 31°10'02"
 118°24'54"

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	Euc. ? salm				

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)				10-30	
DOMINANT SPECIES				Beyeria Phorbalium Westringia	

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

4. VEGETATION CONDITION

Comments

very good - excellent

MN15

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20720

5. SPECIES PRESENCE

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

SITE No CAMP 04

Record on Sheet

Date 30-9-1997

24/8/1999

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

Santalum acumin -

Euc. (Malloo, smth grey glaucous grey-green vs)

TREES

Euc. salicola -

Callitris preissii -

SHRUBS (cont.)

glaucophylla -

MALLEES

GRASSES

Stipa elegantissima -

Stipa trichophylla -

Amphipogon strictus -

Pentstemonis aroid -

Bromus -

SHRUBS

Westringia rigida -

Beyeria (leek) -

Alyxia baxifolia -

Phebalium filifol -

Dodonaea bursariifol -

Rhapodia -

Westringia cephalantha rigida -

Comesperma integrissimum -

Olearia pimeleoides -

HERBS

Lomandra effusa -

Trachym cyanopet -

Poranthera microphyll -

Podolepis capillaris -

Podotrichum angustif -

Stenopetalum sphaerocarp -

Goodenia berardiana -

Waitzia acumin -

Thysanot pat -

Millofia tenuifolia var tenuifolia -

Podolepis canescens -

HERBS (cont.)

SEDGES

Laurenciella davenp -

Calotis hispidulus -

Sonchus oleraceus -

Brassica tournefortii -

Calandrinia serotina -

Podolepis canescens -

Westringia rigida -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

Goodenia brardiana -

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

MN 16

BUSHLAND AREA CAMP SITE NUMBER 05

DATE TRIP 30-9-1997 RECORDERS N/M/G/S

DATE TRIP 24/8/1999 RECORDERS N/A/G

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

Y2 Mel. unc. dead now

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

Road Location ENGLISH RD

Geographic Location Latitude 31°08'17" S Longitude 118°24'40" E Altitude AMG 634526
GPS Accuracy 6554229
Map Sheet Meredin 1:100,000

Photograph Name ML Number 38

Topographic Position (Circle the correct response)
Upland _____ Lower slope _____
Upper slope _____ Valley flat by salt creek
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 brown

Exposed Rock type _____ % surface cover NONE size range _____

Litter logs, twigs ¹⁰⁵ % surface cover 30-70 Depth (cm) 2-20

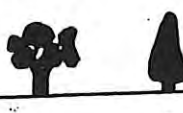
Bare Ground _____ % surface cover 30-50

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.

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

LIFE FORM	TREES			MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
					
			2-10		
COVER CLASS (%)			Callitris verruc		
DOMINANT SPECIES			(stumps - killed by ? fire)		

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

LIFE FORM	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
					
	L2	30-70			
COVER CLASS (%)		Podolheca			
DOMINANT SPECIES		Ganniopsis			

4. VEGETATION CONDITION

Comments

very good
numerous dead standing and fallen trees
of Callitris verrucosa - no regen, ?

Killed by fire

24/8/1999 1/2 Mel.unc. app. dead by crab.

photos

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 CAMP 05

Record on Sheet

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

Date 30-9-1997

Collection of Euc lupo lupo from this site not recorded on d/s ? ADJ
Check photo. ISW 2002
4/12/01

Carrabin NR

MN17

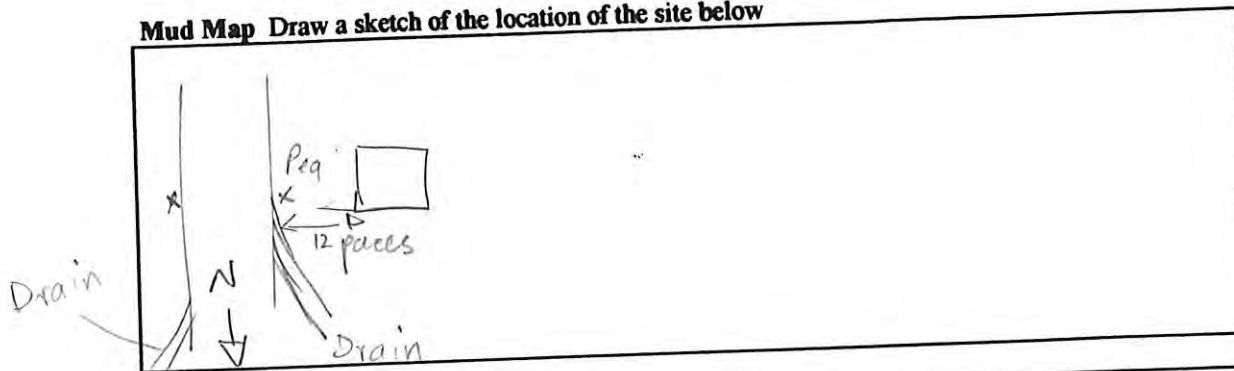
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CARR SITE NUMBER 01DATE TRIP 29-9-1997 RECORDERS N/M/G/SDATE TRIP 24/8/1999 RECORDERS NG/ADV/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 25 27.0 S Longitude 118 41 2.9 E Altitude
 GPS Accuracy 5.0
 Map Sheet WESTONIA 1:100000

AMG
 660073
 6522149

Photograph Name ML Number 25

Topographic Position (Circle the correct response)
 Upland ☒ 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 brown

Exposed Rock type granite % surface cover NONE size range _____

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

Bare Ground % surface cover 50-70

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 (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
					
	2-10		2-10		
	Euc. capill		Callitris canesc		
LIFE FORM	SHRUBS				SHRUBS
	over 2m	2m-1.5m	1.5-1m	1-0.5m	under 0.5m
					
			10-30		
			Phoradendron		
			Acacia		
LIFE FORM	GRASSES	HERBS	SEDGES	over 0.5m	
					under 0.5m
					
	2-10	10-30			
	Amphipogon	Mixed			

4. VEGETATION CONDITION

Comments excellent

20 x 20

SITE No CARR 01
Date 29-9-1997
24-8-1999

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

Euc. calycogona -

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. Capillosa -								Levenhookia stipitata -			
								Hyalospermum dlemiss - Rhod-			
								Hydrocotyle rugulosa -			
								Hypochaeris glob -			
								Hydrocot pilif glob -			
MALLEES								Phyllanthium paradox -			
				GRASSES				Blennosp drumm -			
				Amphipogon strictus -			(USP)	Thys. Paterson -			
				Danthonia -				Gunnopsis rubra (usp) -			
Phebalium megaphyllum fsp usp ✓				Pentstemon albid -				SEDGES			
Callitriche comestibilis - usp ✓				Stipa elegantiss -							
Acacia (tereto) mackayana -								NOTE			
Gastrolobium parviflorum usp ✓								Laurenciella davenportii 24/8			
Acacia erinac =				drummondii -				Gastrolobium parvifl - 24			
Eremophila toniantha - usp ✓				HERBS				Caladenia varians - 24/8			
				Podolepis lessonii - ✓				Vulpia myuros - 24			
				Waltzia acumin -				Podolepis lepperi - 24			
				Lawrenciella - Idar							
				Eremophyllum ramosum ramosum ✓							
				Brachycere perfoliata -							
				Plantago aff hispid -							
				Rhodantha flavo -							
				Hyalospermum glutinos -							
				Inchymene cydnopet -							
				Velleia cynopet -							
				Goodenia berardiana -							
				Grassula color col -							
				Anephosis - baeombr - burl d t i							

Podothera a just

- *Milletia perpusilla* - (USNO)

Carrabin NR

MN-18

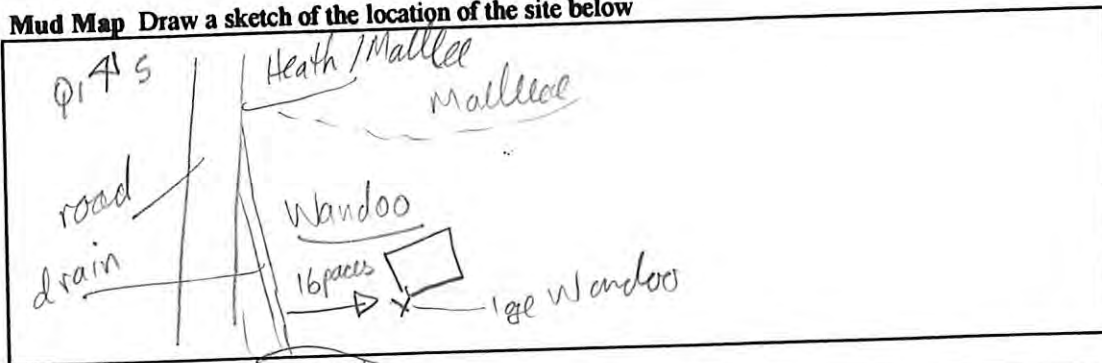
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CARR SITE NUMBER 02DATE TRIP 29-9-1997 RECORDERS N/M/G/SDATE TRIP 24-8-1999 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 Carrabin S. Rd

Geographic Location Latitude 31 24 19.8 S Longitude 118 41 08.7 E Altitude AMG 660126
 GPS Accuracy 4.2
 Map Sheet Westonia 1:100,000 6524218

Photograph Name ML Number 26

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 NWSurface Soil clay-sand Depth to Rock _____ Colour pale brownExposed Rock type _____ % surface cover NONE size range _____Litter logs, lvs % surface cover 70 Depth (cm) _____Bare Ground _____ % surface cover 10-30

excellent

5. SPECIES PRESCENCE

SITE No CARRØZ

Date 29-9-1997

24 - 4 - 1999

Label each plant with plants number, site code, date and

Record on Sheet

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

plant's name or working name if required *sheath, conc.*

/// Euc. ~~?pileata~~

Smth. bark, 4 m, grey-green lvs

• Column 4 Identification check											
TREES				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	

✓ *Arctotheca calendula* -

Edwards

Carrabin NR

MN 19

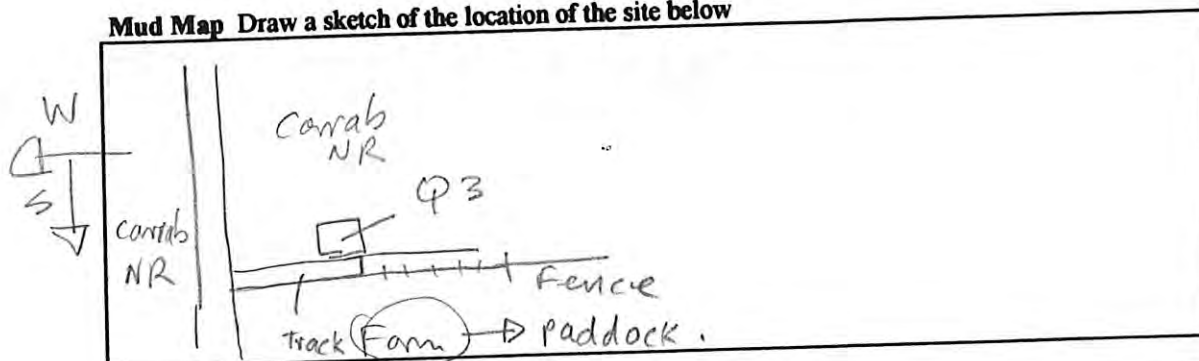
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CARR SITE NUMBER 03DATE TRIP 29-9-1997 RECORDERS N/M/G/SDATE TRIP 24/8/1999 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 Carrabin S. Rd

Geographic Location Latitude 31 243 58.9 S Longitude 118 41 04.5 E Altitude 660157
 GPS Accuracy 3.2
 Map Sheet WESTONIA 1:100,000

ANG
660157
6524862Photograph Name ML 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 NWSurface Soil sandy clay Depth to Rock — Colour brownExposed Rock type _____ % surface cover NONE size range _____Litter lvs, bark, twig % surface cover >90 Depth (cm) 2-10Bare 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.

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. salub</i> <i>Euc. erythra</i>			

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM	 		 		
COVER CLASS (%)	30-70		2		
DOMINANT SPECIES	<i>Mel. pauperif</i>		<i>Acacia</i> <i>Ererm. lon</i>		

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

4. VEGETATION CONDITION

Comments

very good - excellent
fire ca 30 yrs b/f

20x20

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

SITE No CARR 03

Record on Sheet

Date 29-9-1997

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

same

24-8-1999

[illegible]

MN20

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA ELAB SITE NUMBER 01

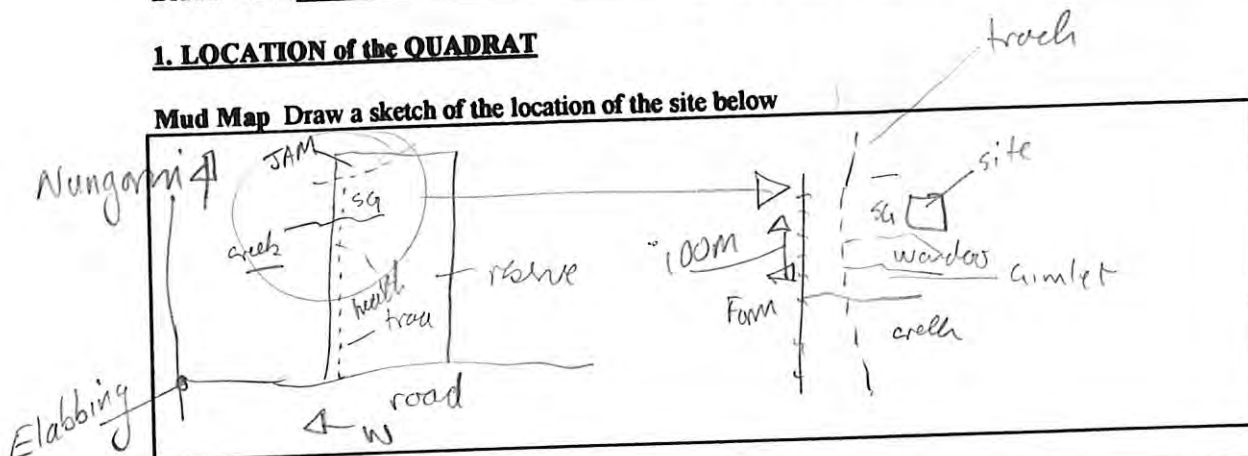
DATE TRIP 1-10-1997 RECORDERS N/M/G/S

DATE TRIP 24/8/1999 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 12 26.9 S Longitude 118 09 53.3 E Altitude 610962
GPS Accuracy 5.0
Map Sheet 1:100000

AMG
610962
6546808

Photograph Name ML Number 3

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

Exposed Rock type _____ % surface cover NONE size range _____

Litter logs, bark, 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.

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			10-30	
DOMINANT SPECIES	<i>Euc. salmon</i>			<i>Euc.</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>Ac. acum</i>			<i>E. porvif</i>	
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10	10-30			
DOMINANT SPECIES	<i>Amphipogon</i>	<i>Chelanthus ar-t</i> <i>hom. effus</i>			

4. VEGETATION CONDITION

Comments

Very good

Reserve $\in \mathcal{A}$ Elabbin

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

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

Euc. salubris -
Euc. yilgorensis -
Euc. wandoo (adj) -

- *Millotia tenuiflora* - 11
Hyalospermum glutinosum - 11

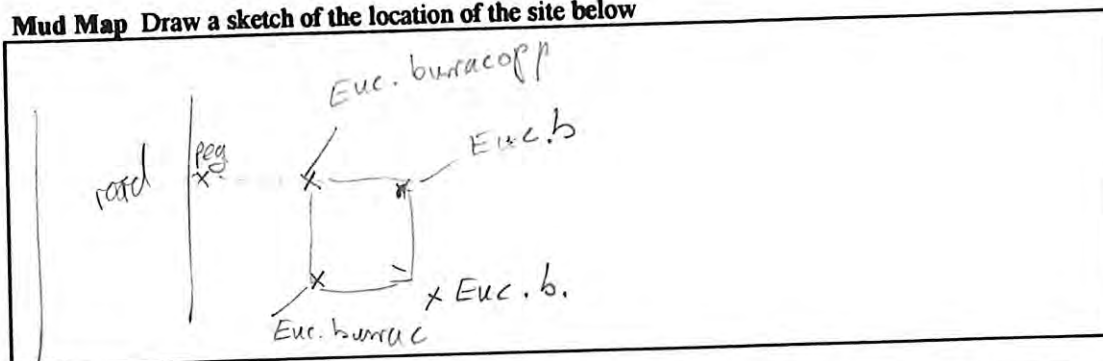
MN21

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA HOLL SITE NUMBER 01
 DATE TRIP 28-9-1997 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 Moorme Stn Rd : Holleton Reserve

Geographic Location Latitude 31 54 39.1 S Longitude 119 04 59.3 E Altitude
 GPS Accuracy 2.5
 Map Sheet

AMG
 696974
 6467539

Photograph Name ML 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 E SE S SW W ☒ NW

Surface Soil sandy clay Depth to Rock 10-20cm Colour yellow

Exposed Rock type lateite % surface cover 20/30 size range pebbles

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

Bare Ground % surface cover 50-70

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. burracopp</i>

SHRUBS				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>Ac. roosei</i>	<i>Alloc. acutis</i>			<i>Ad. argy</i> <i>Thryptomene</i> <i>Hakea scop</i> <i>Leptomeria</i> <i>Dryandra</i>

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

4. VEGETATION CONDITION

Comments

excellent burnt ca 10 yrs b/fore

MN21

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 HOLL 01
 Date 28-9-1997
 23-8-1999

Record on Sheet

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

buds
 Euc. rigidula
 Mallee, smooth grey bark.

VSP

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				Hakea / subsulc -							
				Isopogon aff. hux -							
				Hibbertia stowardii -							
				Gastrolobium nemicifolium -							
				Persoonia coriacea -							
				Platysaceae Scarp. pinit -				Goodenia pini. folia -			
				Thryptomena Microgynis racemosa -							
				GRASSES							
				Chamel naviculum -							
				Verticordia (hairys) serrata -							
				SHRUBS							
				Allocas. acutiv -				canelliformis -			
				Petrophile ericif -				SEDGES			
				Acacia rossei -							
				Isopogon scabriuscul ssp. pubiflorus -				23/8/1999			
				Verticordia p. p. insignis -							
				Leptomeria preissiana -				Drosera macrantha -			
				Chamelav. pauciflorum -				(white)			
				Dryandra cirsioides -							
				Petrophile divar (pink) -							
				Petrophile semitric. stricta -							
				Beaufortia microm -							
				Boronia ternatea var. foliosa -							
				Leucopogon aff. hamulosus -							
				Thryptomena kochii -							
				Calythrix brevisetosa stylis -							
				Baedkea tenuiramea -							
				Adenanthos orax -							
				Banksia laevigata laevigata -							
				Melal. cordata -							
				Melalaren / pungens -							

KENT RD N.R.

MN22

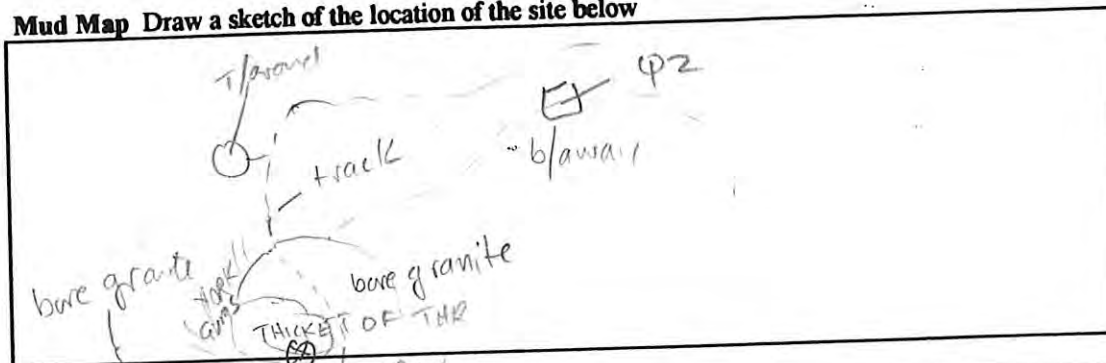
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA KENT SITE NUMBER 01DATE TRIP 29-9-1997 RECORDERS N/M/G/SDATE TRIP 29-8-99 RECORDERS NG/EK/AW

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location Quad KENT RD

Geographic Location Latitude 31 29 25.0 S Longitude 118 53 47.5 E Altitude 4.6
 GPS Accuracy 4.6
 Map Sheet WESTONIA 1:100,000

Photograph Name ML Number 22

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 brown

Exposed Rock type granite % surface cover 10-30 size range 10-50mm

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

Bare Ground % surface cover 30-40

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

ANG
 680137
 6514491

boulders

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 (%)		10-30			
DOMINANT SPECIES		<i>Thrypt. aust</i>			

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10	30-70			
DOMINANT SPECIES	<i>Spartochloa</i>	<i>Borja const</i> <i>styp. glauca</i>			

4. VEGETATION CONDITION

Comments

excellent

MN 22

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20820

5. SPECIES PRESENCE

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

SITE No KENT 01

Record on Sheet

Date 29-9-1997

24-8-1999

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

(adj)

Hibbertia glomerata

pink Micromyrtus = Dacrydium tetragynum

VSP

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

Hyalosperm demiss -

Drosera andersoniana -

" stolonifera ssp rupicola (VSP)

" glandulifera -

Levenhookia stipitata -

Hydrocotyle callicarpa -

Levenhookia (pink) pusilla -

Trachym. ornata -

Stylidium ecome -

" Actinobole uligin -

Podolepis capillaris -

Ophiogloss pusit -

" Seborea ovata -

" Thelymitra aff macrophylla -

SEDGES

Schoenus I - nanus (dwarf variant)

" II -

Schoenus nanus -

Millotia tenuifolia tenuifolia -

" Microtis media -

Parentucella latif -

Wahlenberg preiss -

Trachym pilosa -

Ursula anthera -

Podotrocha angustif -

Trianthema pat -

Stylidium petiolare -

Spiculea ciliata -

" Velleia cynopos -

Hypochaeris globosa -

Millotia myosot -

Phyllang paradox -

MALLEES

GRASSES

Spartochloa scirpioides -

Aira caryophylla -

Vulpia myuros -

SHRUBS

Thryptomene australis (VSP)

HERBS

Stypantra glauca -

Boehya constricta sphaerocarpa (VSP)

Stalkhousia pubescens -

Podolepis lebrunii -

Brachycome iberioidifolia -

Stylidium dielsii -

Calladenia filamentosa exilis (VSP)

Podotrocha gnaphal -

Quinetia (Curvillei) -

Centrolepis pilosa -

Blennospora drummondii -

Anagallis tridens (Gnaphalium) -

Centrolepis aristata -

Hydrocotyle alata -

Spiculea ciliata -

drummondii // Levenhookia leptantha -

Chondrophysalis halophila (VSP)

20-9-92

Eneke butus rostratus
 ADD away to S
 11/22

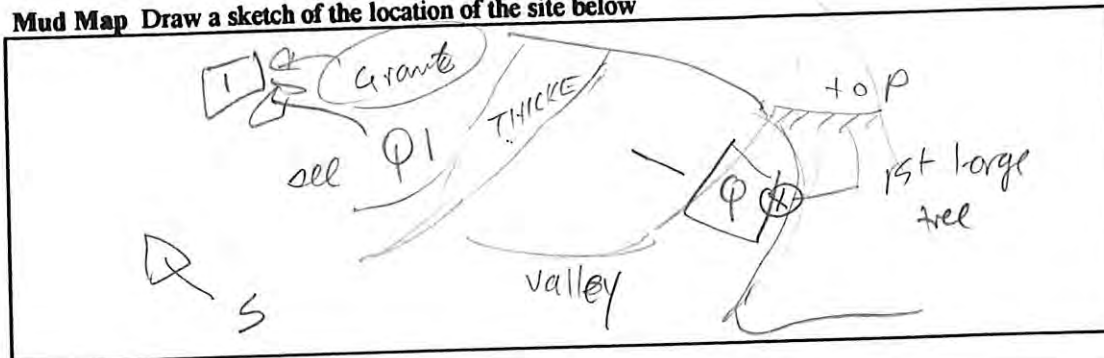
MN23

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA KENT SITE NUMBER 02
 DATE TRIP 29-09-1997 RECORDERS N/M/G/S
 DATE TRIP 24-8-99 RECORDERS N/G/A
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location

KENT RD

Geographic Location Latitude 31 29 19.6 S Longitude 118 53 52.8 E Altitude
 GPS Accuracy 3.5
 Map Sheet WESTONIA 1:100,000

Photograph

Name

ML

Number

23

Topographic Position

Upland

Upper slope

Midslope

Lower slope

Valley

Washline

(Circle the correct response)

2. SITE DATA Circle the correct response

Slope flat gentle steepAspect N NE E SE S SW W NW

Surface Soil

clay

Depth to Rock

Colour white

Exposed Rock

type

granite/laterite

% surface cover

70

size range

boulders

Litter

logs, twigs

% surface cover

10

Depth (cm)

2-20

Bare Ground

% surface cover)

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

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. capillosa</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>Gastrol. fricus</i> <i>Arctostaphylos</i>		

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

4. VEGETATION CONDITION

Comments

excellent

MN23

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 RENT 02

Record on Sheet

Date 29-9-1997

• Column 1 plant name

• Column 2 plant number

• Column 3 flowering time- TICK if species flowering

• Column 4 identification check

24-8-1999

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

~~Euc. capillosa sp. capillosa~~

MALLEES

GRASSES

Vulpia myuros -
 Stipa elegantiss -
 " trichophylla -
 Danthonia -

SHRUBS

Santalum acumin -
 Gasterolob tricuspid -
 Atractriche ramiflora -
 Callitriche canescens -

SEDGES

Sparganium
 Pterostylis nana - 24/8
 Compositum ciliat - 24/8
 Thelypodium - 24/8
 Arctotheca calend - 24/8
 Caladenia sacchara - 24/8
 Brachycome perfoliata - 24/8
 Compositum volubilis - 24/8
 Pterostylis sp. Inland (JSP) -

HERBS

Waitzia acumin -
 Rhodanthe laevis -
 Hypochaeris glabra -
 Crassula colorata -
 Trachym cyanop -
 Pterostylis identitrat - (JSP)
 Thysanotus paterson - (JSP)

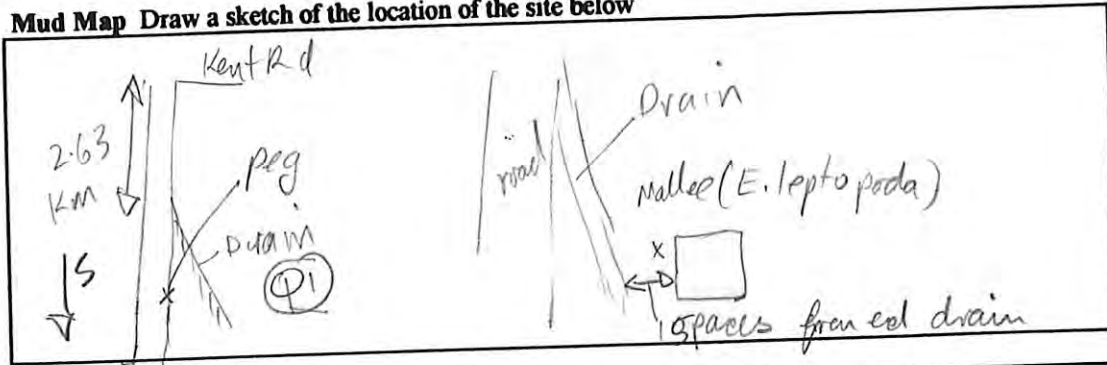
MN24

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA KENT SITE NUMBER 03
 DATE TRIP 29-8-1997 RECORDERS N/M/G/S
 DATE TRIP 24/8/1999 RECORDERS NG/SK/AW
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location Farm. Land

Geographic Location Latitude 31 30 04.7 S Longitude 118 52 53.8 E Altitude GPS Accuracy 2.7
 Map Sheet WESTONIA 1:100,000

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** deep **Colour** yellow

Exposed Rock type _____ % surface cover NONE size range _____

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

Bare Ground % surface cover 30-50

AMG
 678699
 6513293

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES						MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m		
LIFE FORM			 			30m	10m
COVER CLASS (%)						2-10	
DOMINANT SPECIES						<i>Euc. leptopoda</i>	
SHRUBS						SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m		
LIFE FORM	 					2m	1m
COVER CLASS (%)	10-30				10-30		
DOMINANT SPECIES	<i>Allocas. cornic</i>				<i>Metaleuca</i> <i>Beaufortia</i> <i>Grevillea</i>		
GRASSES		HERBS		SEDGES		over 0.5m	
						under 0.5m	
LIFE FORM	 	 	 		 	1m	
COVER CLASS (%)	<2	<2	10-30			2 10-30	
DOMINANT SPECIES			<i>Ecdeicola</i>			<i>Lepidobol</i> <i>Schoenus</i>	

4. VEGETATION CONDITION

Comments

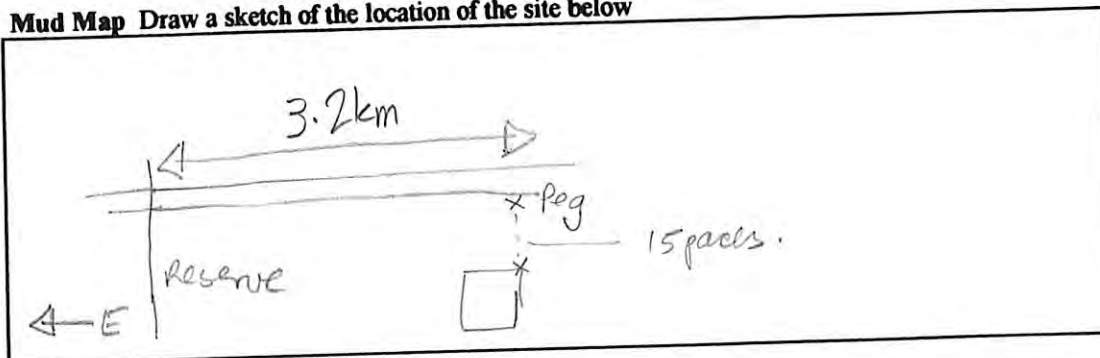
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA SAND SITE NUMBER Ø3
 DATE TRIP 28-9-1997 RECORDERS N/M/G/S
 DATE TRIP 23-8-1999 RECORDERS NG/GK/AW
 DATE TRIP _____ RECORDERS _____

MN25

1. LOCATION of the QUADRAT

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



Road Location HACKLING RD, SANDPLAIN NR.

Geographic Location Latitude 31 36 12 S Longitude 114 46 11 E Altitude
 GPS Accuracy
 Map Sheet

AMG
 667888
 6502159

Photograph Name ML Number 21

Topographic Position (Circle the correct response)
 Upland Upper slope 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 sandy clay Depth to Rock Colour brown

Exposed Rock type % surface cover NONE size range

Litter logs, bark, leaves % surface cover 50% 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 (%)					10-30
DOMINANT SPECIES					

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>Olea axill</i> <i>Phebalium</i>		

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

4. VEGETATION CONDITION

Comments

excellent

MN25

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 SAND 03

Record on Sheet

Date 28-9-1997

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

23-9-1999

Same

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

- ① Euc (lge bud) - rgh beech bark, 3m - buds / fruit, shiny green lvs -
- ② " (grey lvs, smth bark, 3/4 m) - fruit GRASSES - pruinose - sheath -
- ③ " (green lvs, smth bark, 3-4m, um shaped fruit) - black flod -
- ④ " (redunca - " - 3-4m, not shiny lvs, fruit) - buds

SHRUBS

Olea axillaris eremicola -

⑤ Euc. (M, smth grey bark, 3-4m, dull green lvs, pruinose upper) - Schanjk -

Phebalium filifolium -

Billardiera -

Pentastichis airoides -

Danthonia -

Stipa trichophylla -

HERBS

Lomandra mucronata (VSP) -

Ursinia anthem -

Hypochaeris glabra -

Podotrocha gnaph -

Actinobole uligin -

Lomandra effusa -

Waitzia acumin -

Podotrocha angust -

Podolepis capillaris -

Millotia myosott tenuifolia -

Crassula colorata -

Quinetia urvill -

Podotrocha gnaphal -

Lomandra effusa -

Thysanot pat/mang -

Levenhookia pusilla -

Vulpia myuros -

Wahlberg pretissu gae -

platycorys (VSP) -

SEDGES

subarctic (parent) -

Sedum -

Lepidosperma perian -

Schrenus nanus -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

Baronia -

≡ Euc ④ = E. subangusta sp. subangusta
phaedhylla phaedhylla -

Area 4

Mt Hampton NR

80 km ESE
of Merredin



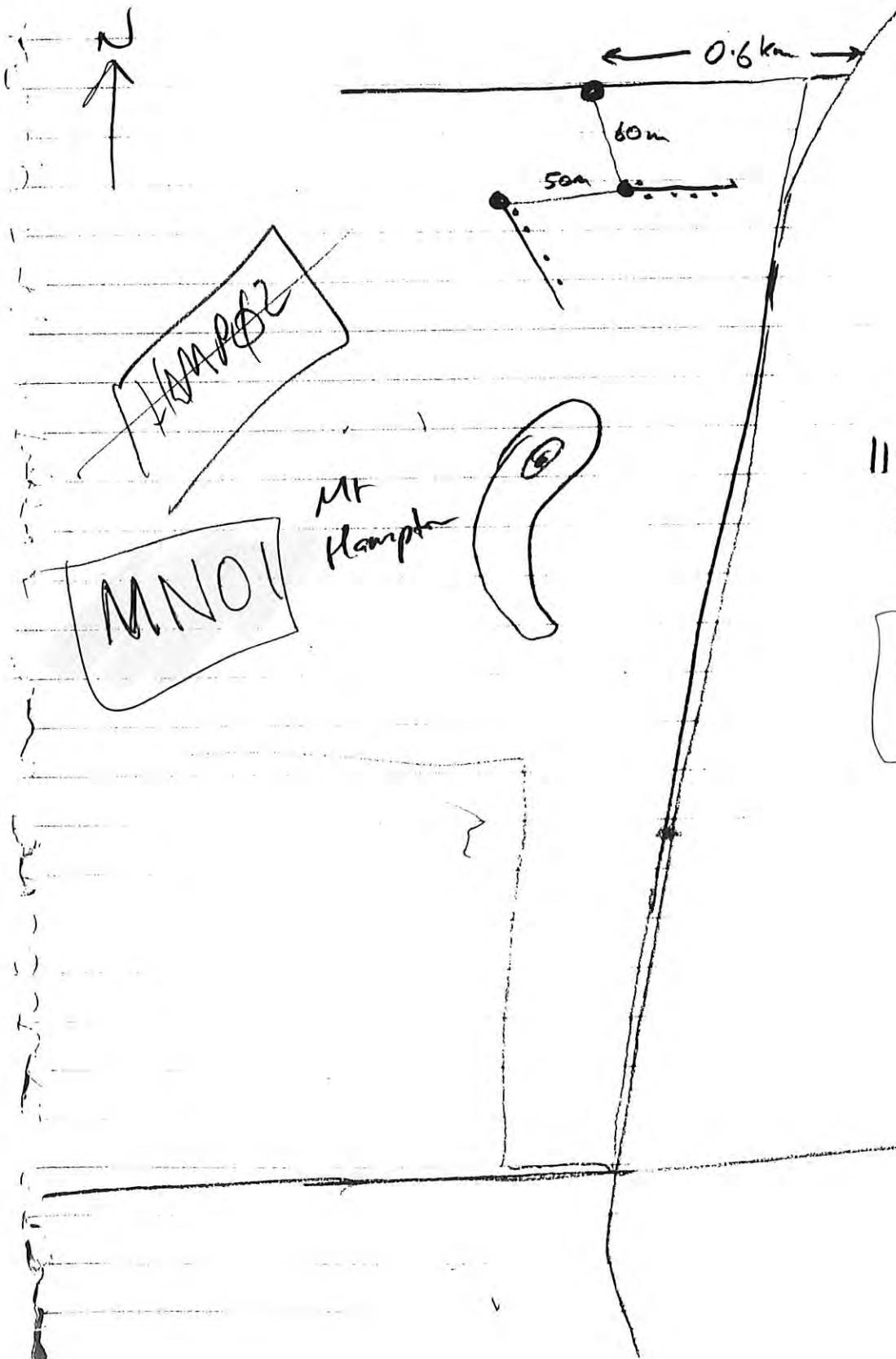
↑ 32995

A(-4)

Red brown sandy loam / red-brown clay

at 20 cm

Salmon Gum - Gumlet woodland of upper valley
floor (below Mt Hampton)



$31^{\circ} 44' 25.8''$
 $119^{\circ} 05' 02.3'' E$
H Dop = 2.1

[MG- 697415
6486426]

Survey Area ↙ ↑

* To go

28 km N of

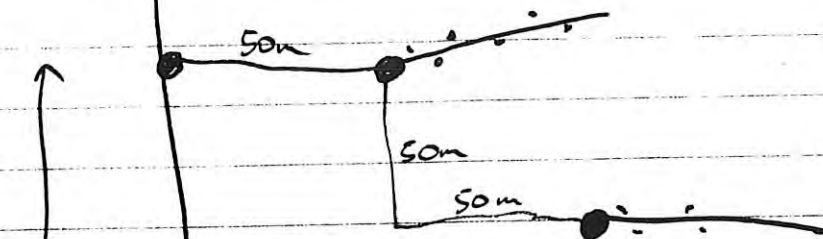
Westonia

+46 km ENE Merre

Calge (- Avon) Pale brown loam to 20 cm over brown clay

Morrel Woodland open saltbush = Melaleuca ^{lanceolata}

$31^{\circ} 00' 05.7'' S$
 $118^{\circ} 41' 30.8'' E$
MDEP = 2.2



1.2 km

Salt channel

Warrachupin

Koorde - Southern Cross Rd

Warrachupin Rd

WARR #1

MNOZ

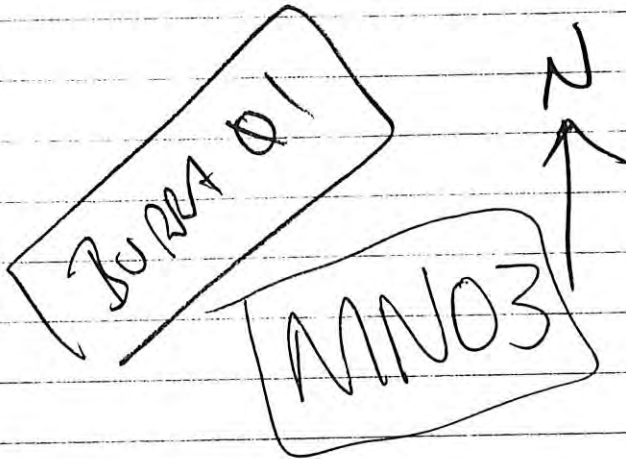
Area 4

Burracoppin NR

26 km E of Merredin

De yellow ^{loamy} sand/gravel - minor clay component

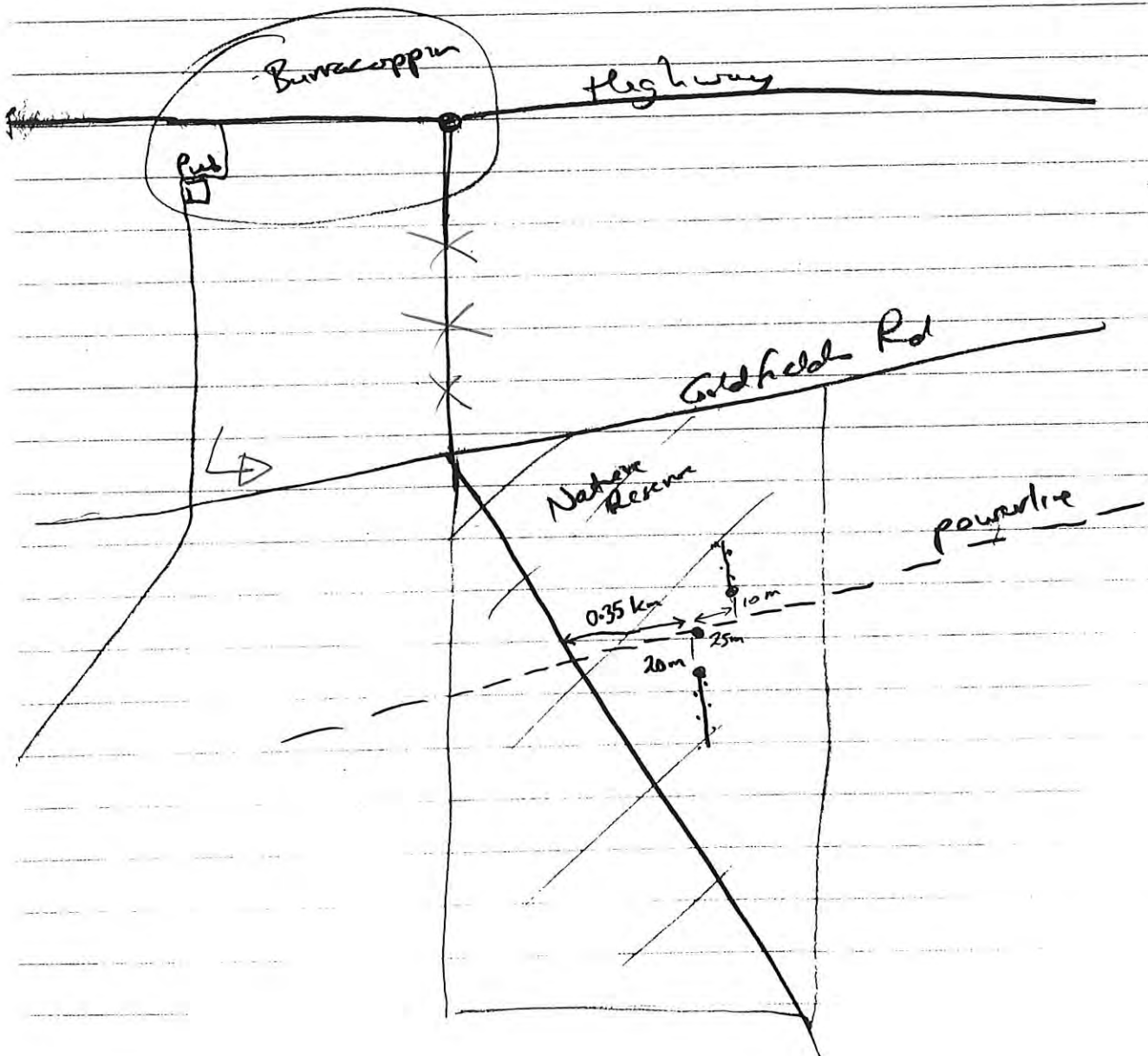
Allocasuarina - Broombush - Acacia
over proteaceous + Myrtaceae sub-shrubs



31 24 39.3

118 30 33.0

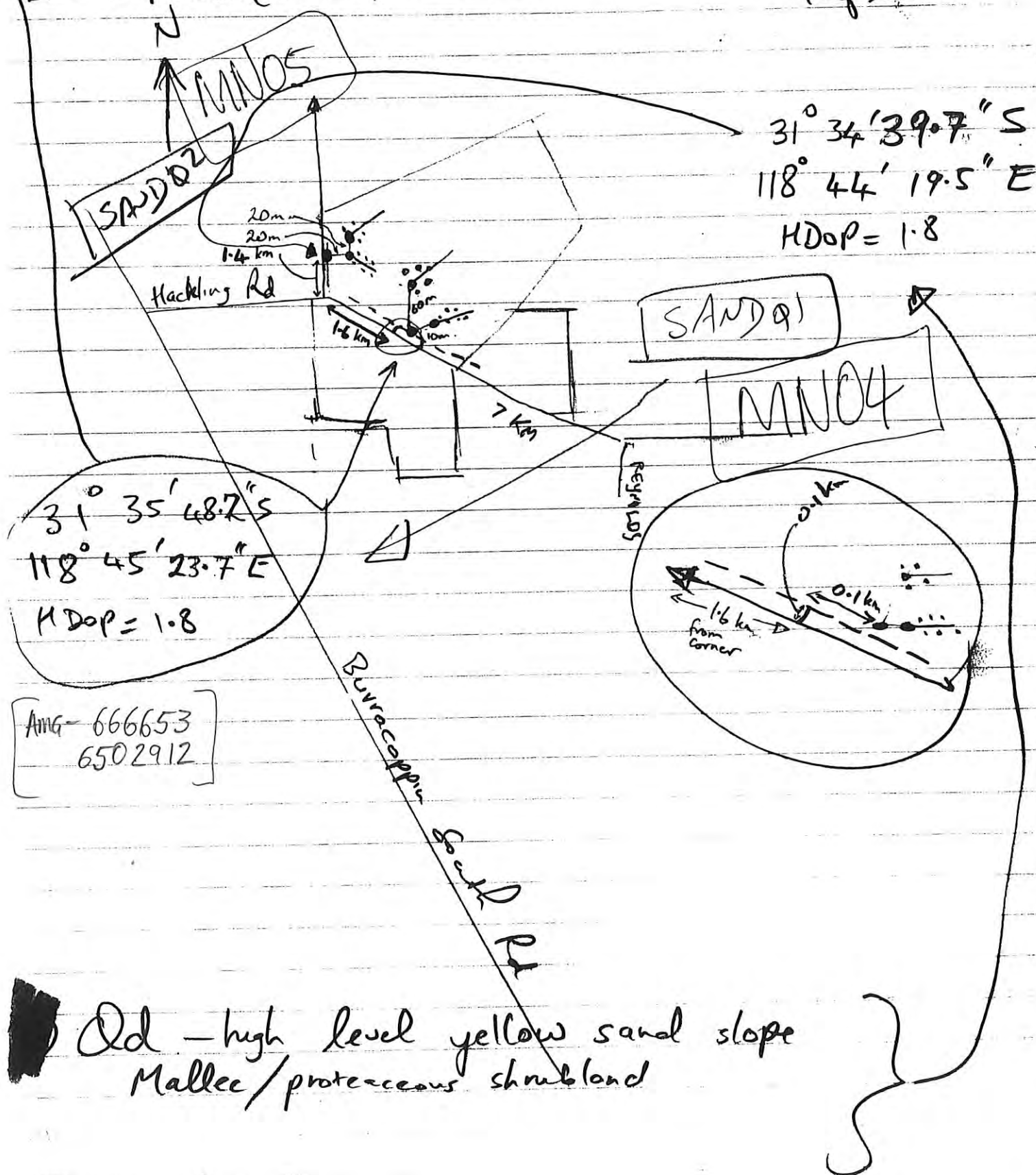
HDOP = 2.1



Sandplains N.R.

34 km SE of Doracopp
which is 26 km E of
Merredin

B - Brownish loam over grey clay at 40cm
Euc capillaris (wandoo) + mallee over myrtaceous shrubs +
leaf litter.



↑ 32995

Mt Hampton NR

80 km ESE of
Merredin

Mg

Gritty loam / granite

Casuarina Leptospermum
Bathya + ~~other~~

Leptospermum
+ other sedgs

Melaleuca



$31^{\circ} 45' 39.8''$ S

$119^{\circ} 04' 21.1''$ E

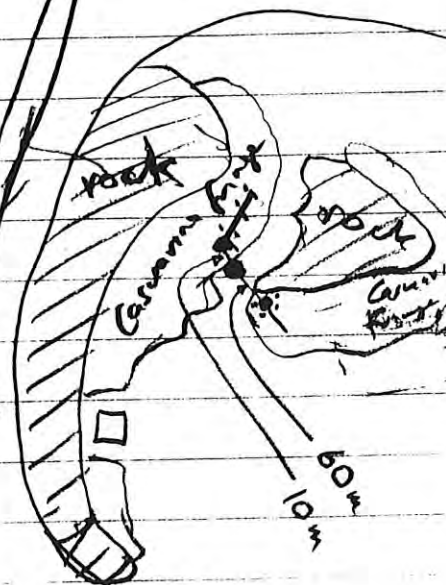
H DOP = 1.8

AMG - 696287
6484168

MA06
HAMPTON



180m



60m

3.0 km

Mount Moore NP

30 kN of Mapped

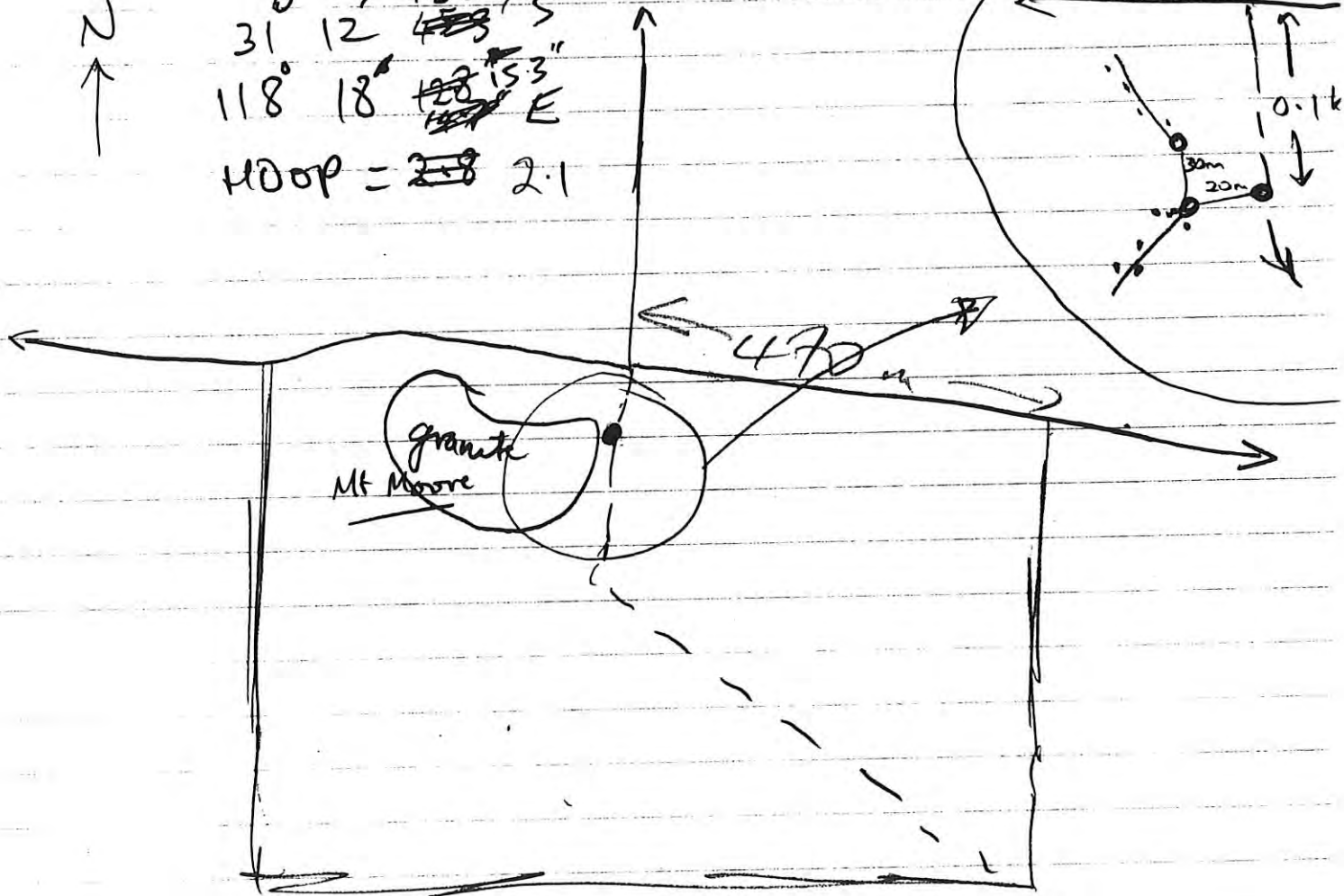
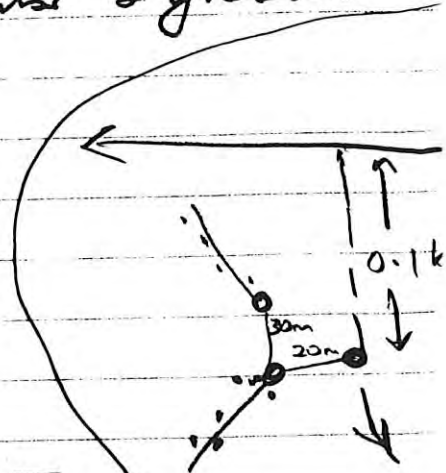
Mg

Granite outcrop slope

Tan, Bushy, & shrubs & herbs & grasses

N
↑

31° 12' 45.0" S
118° 18' 42.8" E
MOOP = 2.8 2.1



MIMO 01
MIN 07

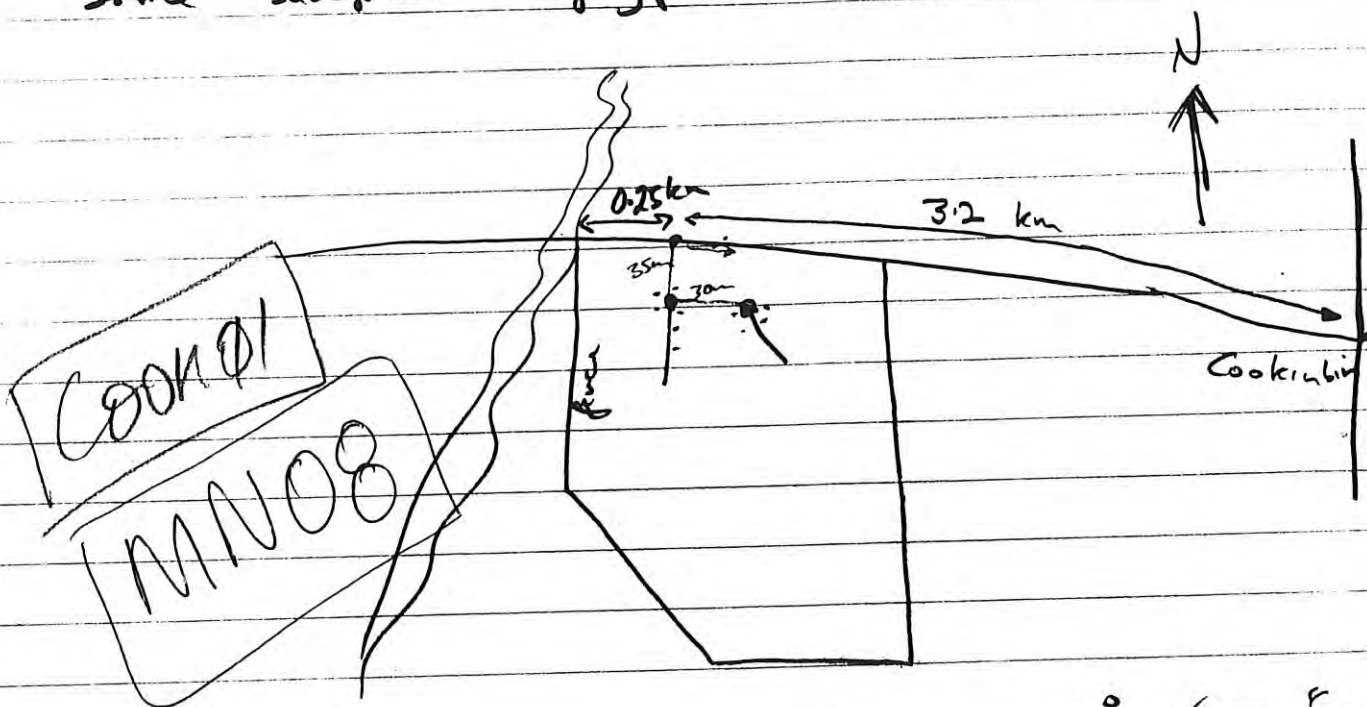
31629

Cookinbin NR
Valley Floor = playas

53 km N of
Merredin

A (lower - floor) Red sandy loam / red sandy clay

Melaleuca spp shrubland ± imminent salting of dunes
some samplings + pg face



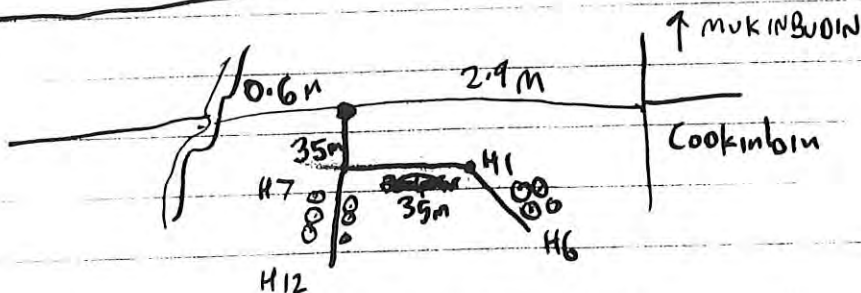
Nick — ^{you} Could shift it 0.35 km further eastwards down Rd if possible?

31° 00' 12.3" S
118° 13' 37.9" E

HDOP = 1.9

NEW CO-ORDS

31° 00' 05.1" S
118° 13' 59.6" E



Lake Campion NR

40 km NNE of
Merrivale

S-1° Samphire pan - clay ^{under} ~~gypsum~~ ~~layer~~

$31^{\circ} 07' 29.4'' S$

$118^{\circ} 24' 58.4'' E$

H DoP = 2.2

Chandler

Samphire

2.5 km

50m

140m

0.9 km

channel



↑ 24125

Tova Reserve

26 km NNE of
Meredun

(X)

Surface)

Jam Mallee Herbs + grasses



AMG - 633976
6542426

$31^{\circ} 14' 40.5'' S$

$118^{\circ} 24' 24.9'' E$

HDOP = 2.2

$31^{\circ} 15' 24.2'' S$

$118^{\circ} 23' 46.5'' E$

HDOP = 2.0

Slope

Allocasuarina acutivalva, *Acacia* + *Melaleuca*
tall shrubland over

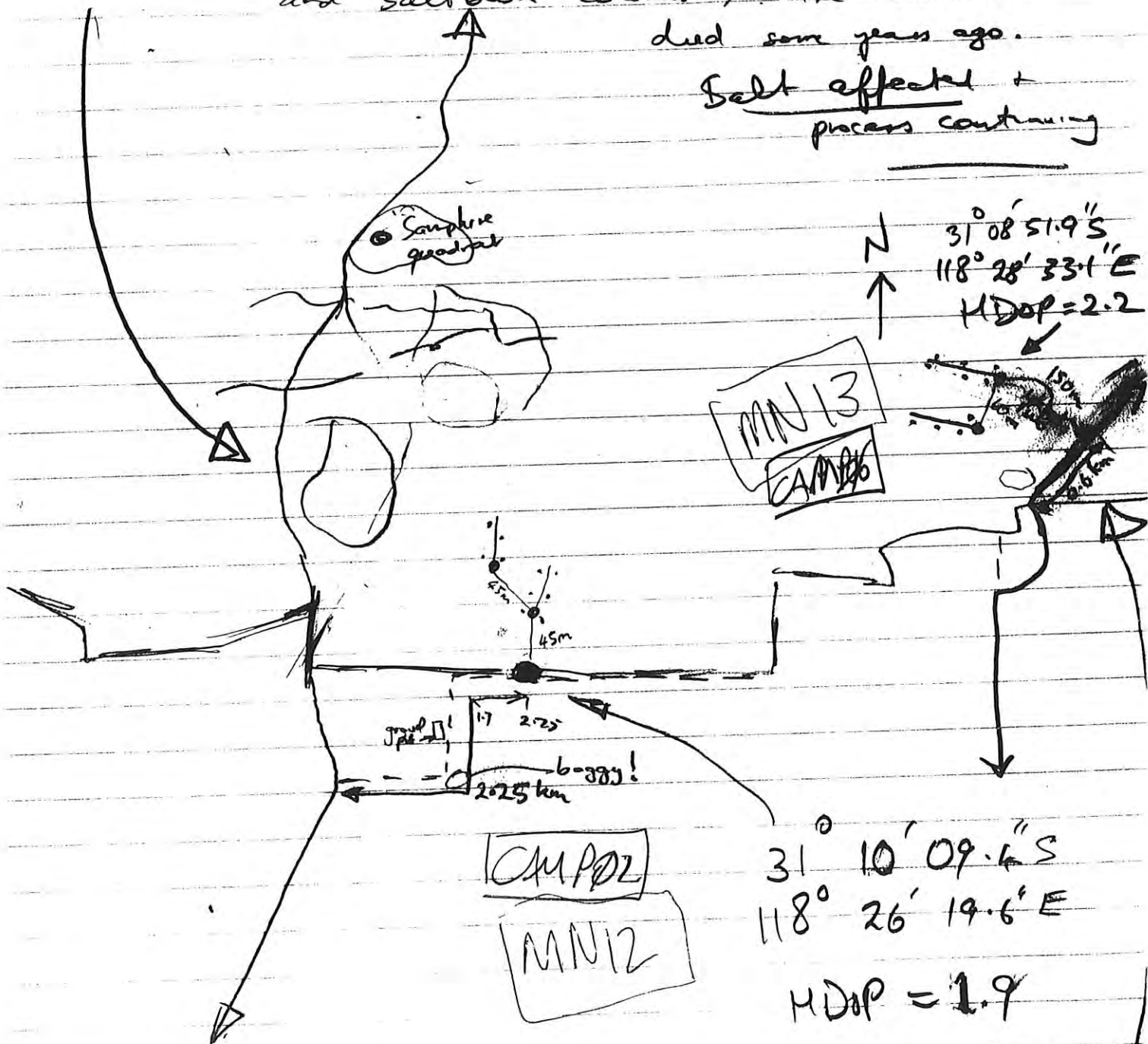
low grass + Myrtaceous sub-shrub + some

~~Q~~

~~Q~~

A-C Valley Floor $\in$ Morrel + other Euc / Melaleuca, Eucalyptus and saltbush colonising. The Morrell died some years ago.

Salt effect +
process continuing



A - C Valley floor gimlet woodland (mature) +
not salt affected. / *Acacia*, *Erocarpos*, *Melaleuca*, *Olearea*
+ herbs